

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
U-017985

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a

7. UNIT AGREEMENT NAME
Jonah Unit

8. FARM OR LEASE NAME
Balcron Monument Federal

9. WELL NO.
34-10J

10. FIELD AND POOL, OR WILDCAT
Monument Butte/Grn. River

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
SW SE Sec. 10, T9S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY, Balcron Oil

3. ADDRESS OF OPERATOR
P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
592' FSL, 1979.2' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 16.6 miles southwest of Mytron, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

13. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
6,000' 5,850'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,717.7' GL

22. APPROX. DATE WORK WILL START*
Upon APD Approval

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| See drilling | program/casing | design | | |

CONFIDENTIAL

EXHIBITS ATTACHED

- "A" PROPOSED DRILLING PROGRAM
- "B" PROPOSED SURFACE USE PROGRAM
- "C" GEOLOGIC PROGNOSIS
- "D" DRILLING PROGRAM/CASING DESIGN
- "E" EVIDENCE OF BOND COVERAGE
- "F" SURVEY PLAT
- "G" RIG LAYOUT
- "H" BOPE DIAGRAM
- "I" EXISTING ROADS (Map A)
- "J" PLANNED ACCESS (Map B)
- "K" EXISTING WELLS (Map C)
- "L" CUT & FILL DIAGRAM
- "M" Archaeology Report

OCT 22 1993
DIVISION OF OIL, GAS & MINING

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

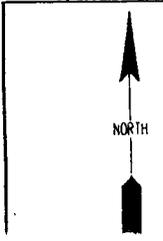
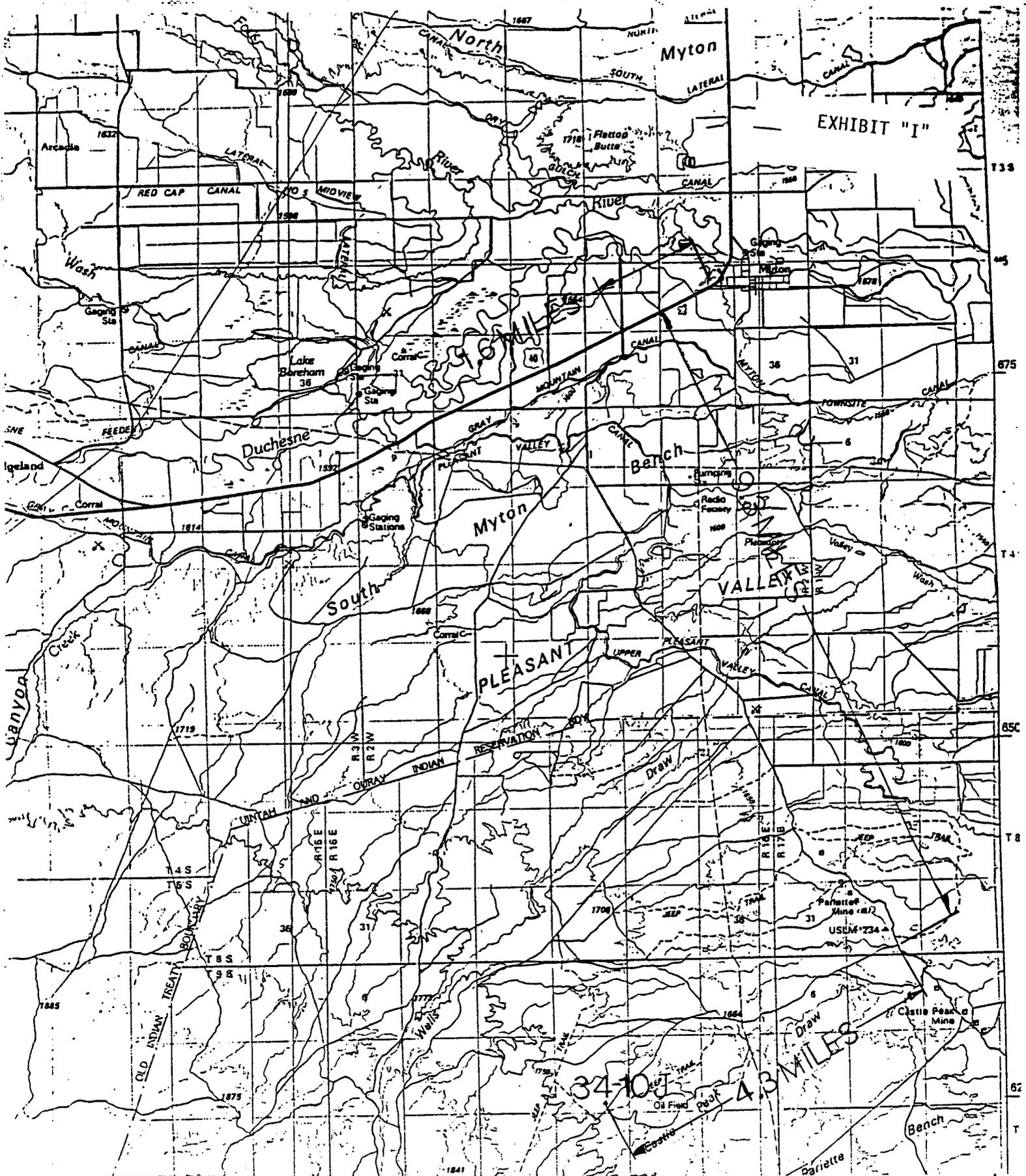
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE October 20, 1993
(This space for Federal or State office use)

PERMIT NO. 43-013-31416 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



EQUITABLE RESOURCES ENERGY CO.
 MONUMENT FEDERAL #34-10J
 MAP "A"

TRI-STATE
 LAND SURVEYING, INC.
 38 WEST 100 NORTH, VERNAL, UTAH 84078
 801-781-2501

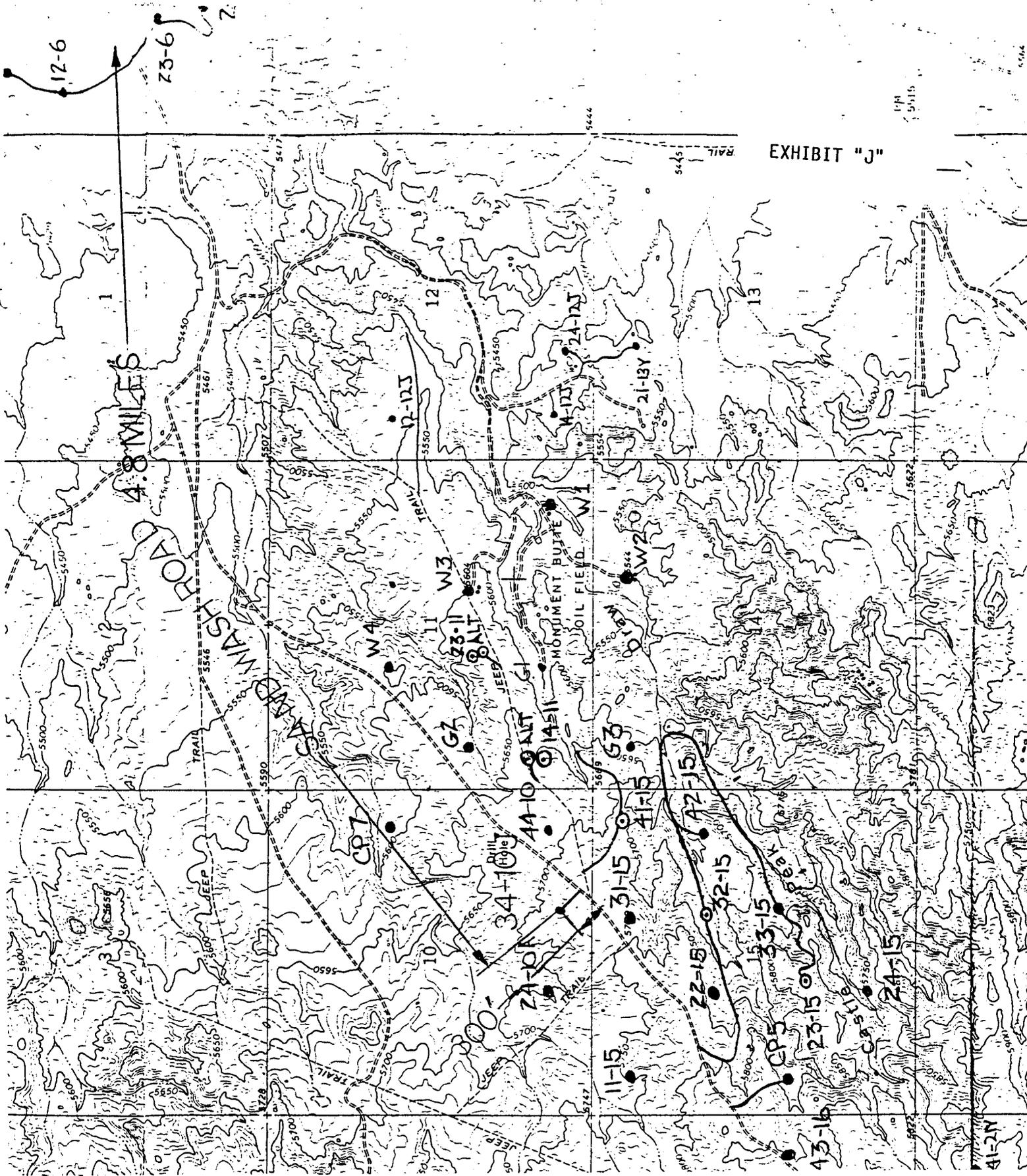
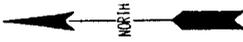


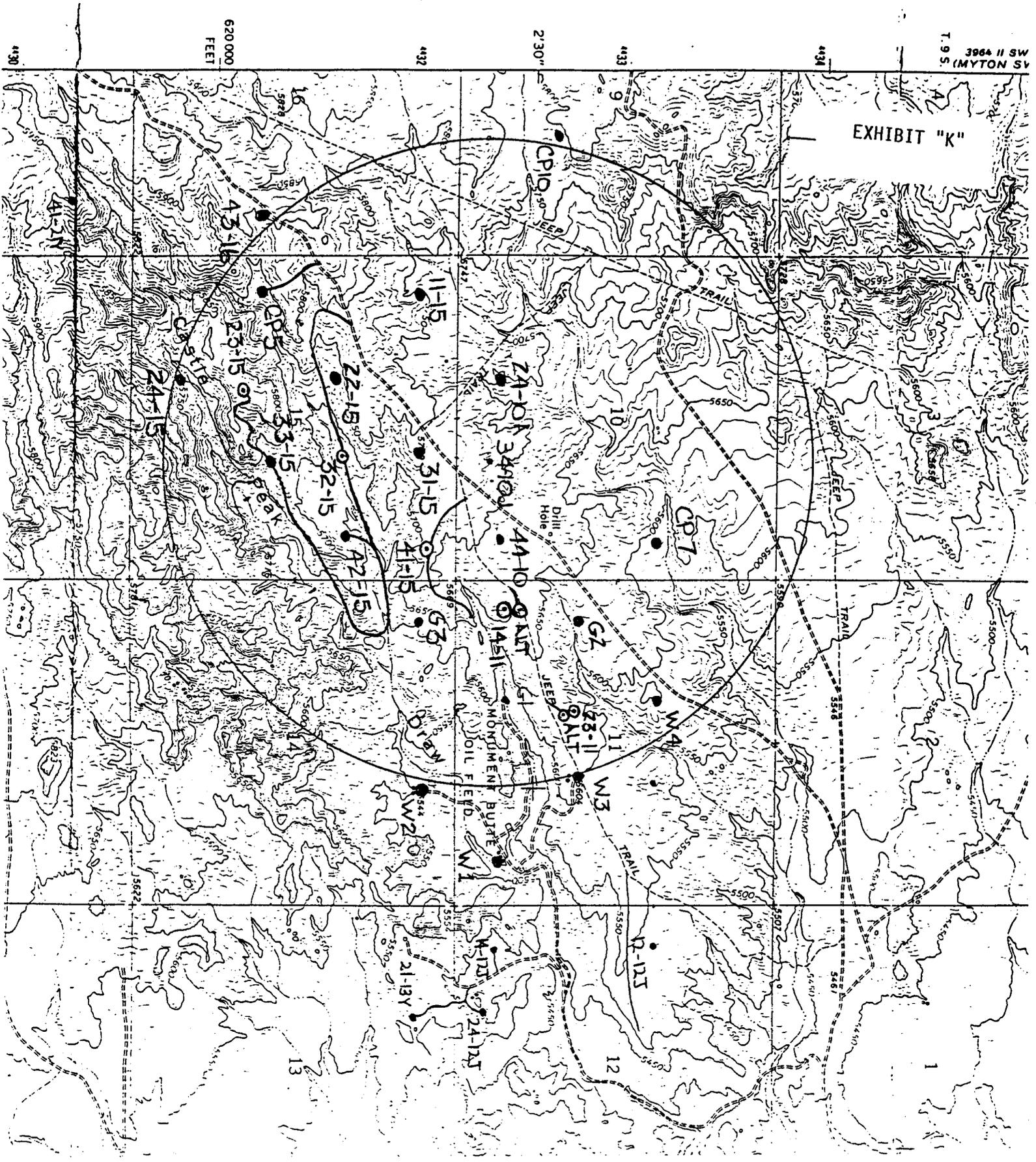
EXHIBIT "J"

4.8 MILES



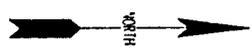
EQUITABLE RESOURCES ENERGY CO.
 MONUMENT FEDERAL #34-10J
 MAP "B"

TRI-STATE
 LAND SURVEYING, INC.
 38 WEST 100 NORTH, VERNAL, UTAH 84078
 801-781-2501



EQUITABLE RESOURCES ENERGY CO.
 MONUMENT FEDERAL #34-10J
 MAP "C"

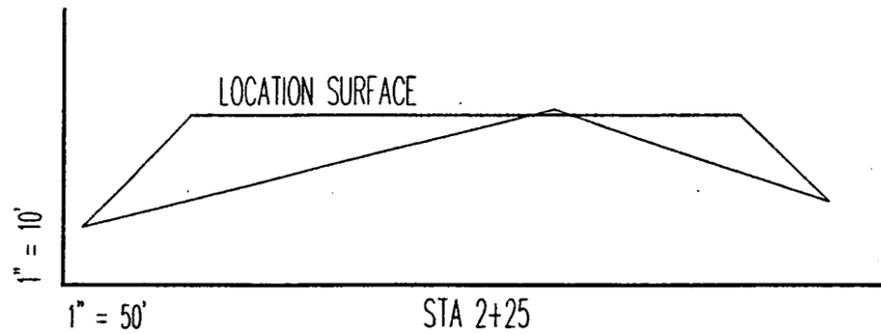
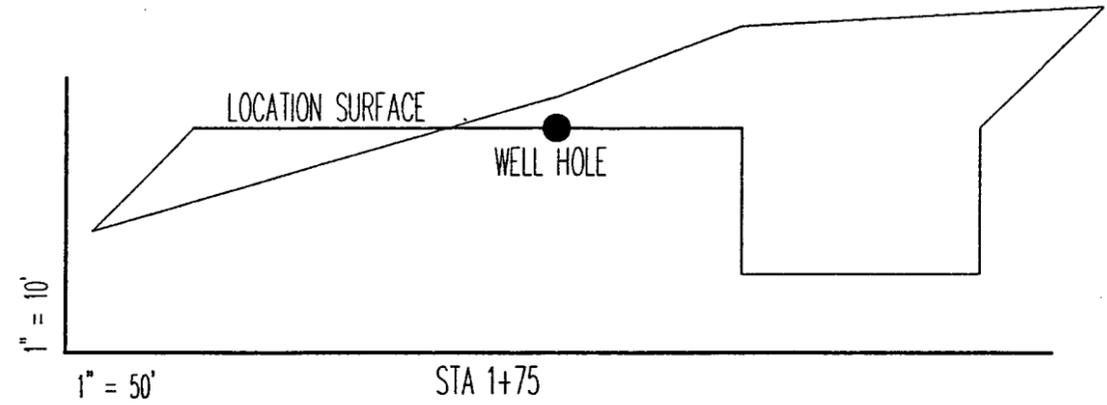
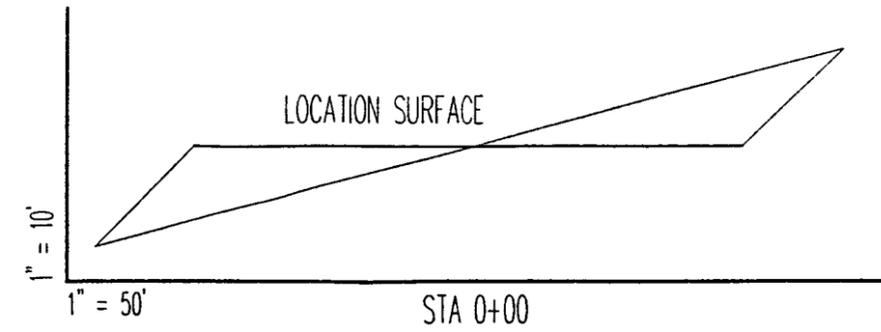
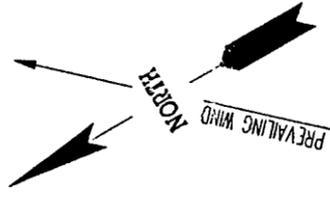
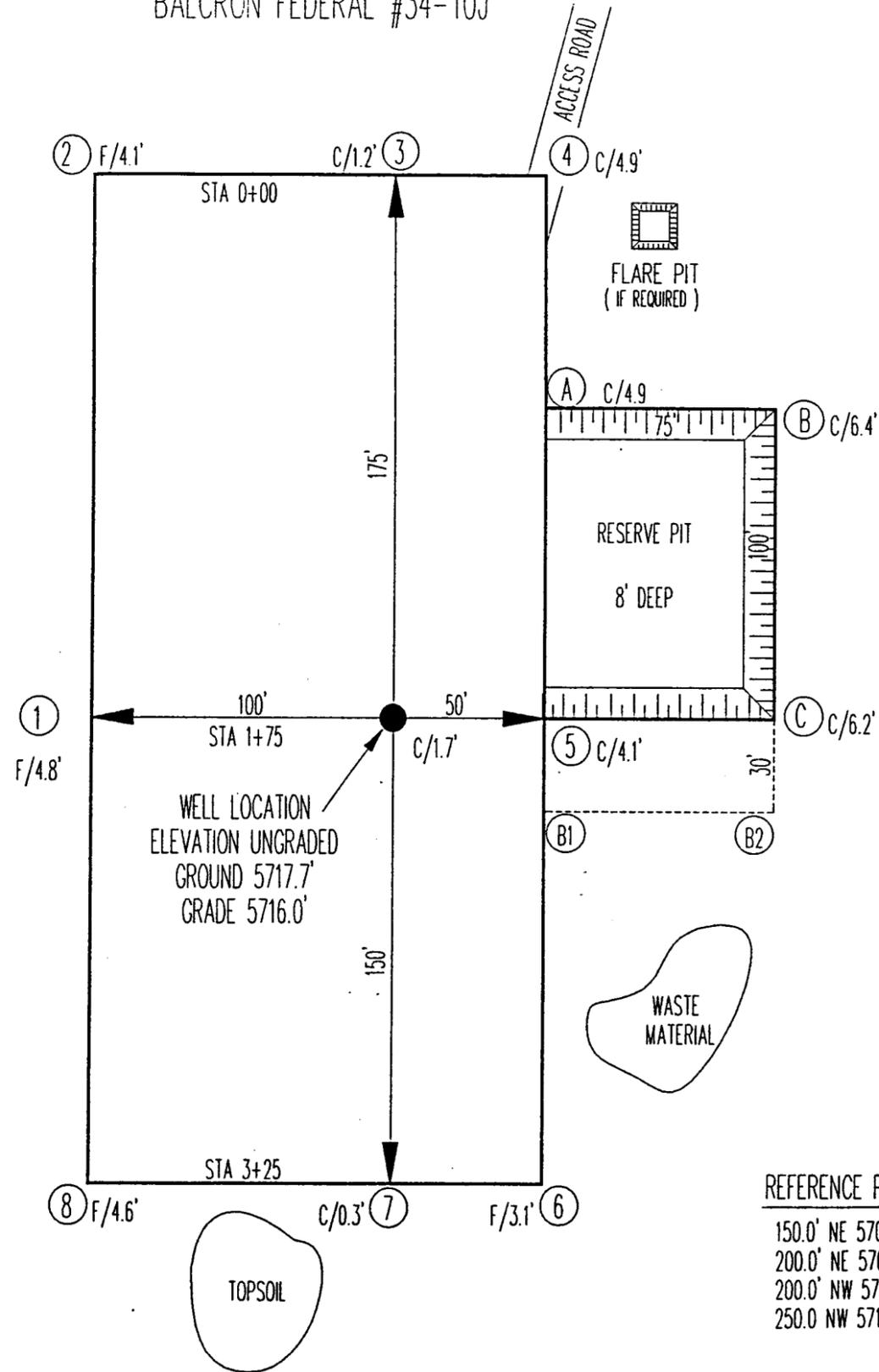
TRI-STATE
 LAND SURVEYING, INC.
 38 WEST 100 NORTH, VERNAL, UTAH 84078
 801-781-2501



EQUITABLE RESOURCES ENERGY CO.
BALCRON FEDERAL #34-10J

EXHIBIT "L"

RECEIVED
SEP 13 1993



REFERENCE POINTS

- 150.0' NE 5706.7'
- 200.0' NE 5704.2'
- 200.0' NW 5715.5'
- 250.0' NW 5715.6'

APPROXIMATE YARDAGE

- CUT = 2932.0' Cu Yds
- FILL = 2525.0' Cu Yds
- PIT = 1826.4' Cu Yds

TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501

FILENAME 34-10J

CONFIDENTIAL

AS OPERATOR, WE HEREBY REQUEST THAT THE STATUS OF THIS WELL BE HELD TIGHT FOR THE MAXIMUM PERIOD ALLOWED BY FEDERAL AND STATE REGULATIONS.

**Equitable Resources Energy Company
Balcron Oil Division
P.O. Box 21017
Billings, MT 59104
(406) 259-7860**

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #34-10J
SW SE Section 10-T9S-R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following two attachments:

Drilling Program/Casing Design (EXHIBIT "D")
Geologic Prognosis (EXHIBIT "C")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
BALCRON MONUMENT FEDERAL #34-10J
SW SE Section 10, T9S, R16E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 150' & 200' NE and 200' & 250' NW
- B. The Monument Federal #34-10J is located approximately 16.6 miles Southwesterly of Myton Utah, in the SW1/4 SE1/4 Section 10, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 34-10J, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 9.3 miles to an intersection with Monument Butte Gas Plant road. Proceed West along said Gas Plant road 4.8 miles to Balcron well #34-10J access road sign. Follow flags 300' to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B" (shown in GREEN)

Approximately 300 feet of new road construction will be required for access to the proposed well location.

- A. Width - maximum 30-foot overall right-of-way with an 18-foot road running surface, crowned & ditched and/or sloped and dipped.

- B. Construction standard - the access road will be constructed so as to conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989)

The road will be constructed to meet the standards of the anticipated traffic flow and all-weather requirements. Construction will include ditching, draining, crowning, and capping or sloping and dipping the roadbed as necessary to provide a well constructed and safe road. Prior to construction/upgrading, the roadway shall be cleared of any snow cover and allowed to dry completely. Traveling off of the thirty (30) foot right-of-way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossing shall be designed so they will not cause siltation or the accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts.

Upgrading shall not be allowed during muddy conditions.

Should mud holes develop, they shall be filled in and detours around them avoided.

- C. Maximum grade - less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - None required.
- F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
- G. Surface materials - any construction materials which may be required for surfacing of the access road will be purchased from a local contractor having a permitted source of materials in the area, if required by the Authorized Officer, Bureau of Land Management. None anticipated at this time.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and

shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.

- J. The proposed access road has been centerline flagged.
- K. If a right-of-way is required please consider this APD the application for said right-of-way.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map "C".
- 2. Production facilities - see Map "C".
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map "C".

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.

3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.

D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.

E. Reclamation of disturbed areas no longer needed for operation will be accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.

G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

- A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah, or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the beginning of drilling operations.
- B. No water well will be drilled on this location.

6. Source of Construction Materials

- A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.
- B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

- C. All surface disturbance area is on B.L.M. lands.
- D. There are no trees on this location.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within ninety (90) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a plastic reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the fencing will be maintained until such time as the pits are backfilled.
- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to help visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be located on the South side, and the flare pit will be downwind of the prevailing wind direction near corner #4. Access to the well pad will be from the Southeast near corner #4.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There will be three (3) trailers on location during drilling operation.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations.
- D. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid. The flare pit will be located downwind of the prevailing wind on the East side of location between corner #5 and corner #6, at least 100' from the wellhead and at least 30' from the reserve pit. This pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the well site location.
- E. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than

sixteen (16) feet.

3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- F. Any hydrocarbons on the pit will be removed from the it as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. The plastic reinforced pit liner shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will, upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the

recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources Energy Company will, restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or dished prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seeded will be prepared by dishing, then roller packing following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 1 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the following seed mixture:

| Pure Live Seed (PLS) | Seed Mix |
|----------------------|---|
| lbs./acre | |
| 1 | Forage Kochia (Kochia prostrata) |
| 5 | Ephriam Crested Wheatgrass (Agropyron cristatum Ephriam) |
| 4 | Russian Wildrye (Elymus junceus) |
| 2 | Fourwing Saltbush (Atriplex canescens) |

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 1 and prior to ground frost. Spring seeding will be done after the frost leaves the

ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (a) re-establishing irrigation systems where applicable,
 - (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and,
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.
2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeded operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage

for this area, and approximately 11 miles South of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C. 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.

2. There are no occupied dwellings in the immediate area
3. An archaeological report will be forwarded upon completion.
4. There are no reported restrictions or reservations noted on the oil and gas lease.
5. A silt catchment dam will be constructed according to BLM specifications approximately 250' north of corner #1, where staked.

13. Lessee's or Operator's Representative:

Balcron Oil
a division of Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery, Drilling Engineer Home (406)248-3864

Dale Griffin, Field Superintendant Home (406)656-9719

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

October 20, 1993

Date

Bobbie Schuman

**Bobbie Schuman
Coordinator of Enviromental
and Regulatory Affairs
BALCRON OIL division of
Equitable Resources Energy
Company**

Balcron Oil Well Prognosis

Well Name BALCRON MONUMENT FEDERAL #34-10-J Exploratory Control Well CSTL PK FED #44-10
 Location SWSE SEC 10-9S-16E 592' FSL., 1979' FEL Development X Operator DMND SHMRK
 County DUCHESNE Field JONAH UNIT KB 5709
 State UTAH Section SWSE 10 Section SESE 10
 Total Depth 5850 Township 9S Township 9S
 GL (Ung) 5717.7 EST. KB 5726 Range 16E Range 16E

| Formation Tops | Prognosis | | Sample Top | | Control Well Datum | High/Low | | Deviation |
|-------------------|-----------|-------|------------|-------|--------------------|----------|------|-----------|
| | Formation | Depth | Datum | Depth | | Datum | Prog | |
| UINTA | SURFACE | | | | | | | |
| GREEN RIVER | 1606 | 4120 | | | 4105 | | | |
| HORSEBENCH SS | 2217 | 3509 | | | 3494 | | | |
| 2ND GARDEN GULCH | 3885 | 1841 | | | 1826 | | | |
| YELLOW MARKER | 4521 | 1205 | | | 1190 | | | |
| DOUGLAS CREEK | 4676 | 1050 | | | 1035 | | | |
| R-5 SAND | 4862 | 864 | | | 849 | | | |
| 2ND DOUGLAS CREEK | 4913 | 813 | | | 798 | | | |
| G-1 SAND | 5012 | 714 | | | 699 | | | |
| GREEN MARKER | 5055 | 671 | | | 656 | | | |
| G-6 SAND | 5272 | 454 | | | 439 | | | |
| CARBONATE MARKER | 5541 | 185 | | | 170 | | | |
| B-1 SAND | 5573 | 153 | | | 138 | | | |
| TD | 5850 | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |

Samples
 50' FROM 1500' TO 4000'
 10' FROM 4000' TO TD

DST,s
 DST #1 NONE
 DST #2
 DST #3
 DST #4

Wellsite Geologist
 Name:
 From: to:
 Address:
 Phone # wk.
 Fax # hm.

Logs
 DLL FROM SURF CSG TO TD
 LDT/CNL FROM 3700' TO TD

Cores
 Core #1 NONE
 Core #2
 Core #3
 Core #4

Mud Logger/Hot Wire
 Company:
 Required: (Yes/No) YES
 Type: TWO MAN
 Logger:
 Phone #
 Fax #

Comments: "Sand" is pay zone.

Report To: 1st Name: STEVE VANDELINDER Phone # (406) 259-7860 wk. 248-2778 hm.
 2nd Name: KEVEN REINSCHMIDT Phone # " wk. 248-7026 hm.
 Prepared By: K.K. REINSCHMIDT Phone # " wk. " hm.

Equitable Resources Energy Company
Balcron Oil Division

DRILLING PROGRAM

WELL NAME: Monument Butte Area
LOCATION: Twn.9S Rge.16E & 17E
COUNTY: Duchesne

PROSPECT/FIELD: Monument Butte
STATE: Utah

TOTAL DEPTH: SEE APD COVER SHEET

HOLE SIZE INTERVAL

12 1/4" 0 to 260'
7 7/8" 260 to T.D.

| CASING | INTERVAL | | CASING | | |
|-------------------|----------|------|--------|-----------|-------|
| | FROM | TO | SIZE | WEIGHT | GRADE |
| STRING TYPE | | | | | |
| Surface Casing | 0 | 260 | 8 5/8" | 24 #/Ft | J-55 |
| Production Casing | 0 | T.D. | 5 1/2" | 15.50#/Ft | J-55 |

(All Casing will be new, ST&C)

CEMENT PROGRAM

Surface 150 sacks 75% Class "G" 25% Poz with 2% CaCl and 1/4 #/Sk Flocele.
(Cement will be circulated to surface.)

Production 250 sacks Thifty Lite and 400 sacks 50-50 Poz mix.

PRELIMINARY DRILLING FLUID PROGRAM

| TYPE | FROM | TO | WEIGHT | PLAS. VIS | YIELD POINT |
|------------------------|------|------|---------|-----------|-------------|
| Air and air mist | 0 | 260 | N.A. | N.A. | N.A. |
| Air/Air Mist/KCl Water | 260 | T.D. | 8.7-8.9 | N.A. | N.A. |

depending on the drilling contractor either:

- a.) Drilling will be with air from surface to as deep as hole conditions allow. 2% KCl fluid will be used for the remainder of the hole.
- b.) Drilling will be done using 2% KCl water and gel.

COMMENTS

- 1.) No cores or DST's are planned.

BALCRON OIL CO.

| | |
|-----------------------|--------------------------------|
| Operator: BALCRON OIL | Well Name: MONUMENT BUTTE AREA |
| Project ID: | Location: Monument Butte, Utah |

Design Parameters:

Mud weight (9.63 ppg) : 0.500 psi/ft
 Shut in surface pressure : 2280 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

| Length (feet) | Size (in.) | Weight (lb/ft) | Grade | Joint | Depth (feet) | Drift (in.) | Cost | | |
|------------------|------------------------|-----------------------------|-------|------------------------|----------------------------|----------------|---------------------------|------------------|--------|
| 1 | SFC TO TD 5-1/2" | 15.50 | J-55 | ST&C | SEE APD COVER SHEET | 4.825 | | | |
| | Load (psi) | Collapse Strgth (psi) | S.F. | Burst Load (psi) | Min Int Strgth (psi) | Yield S.F. | Tension Load (kips) | Strgth (kips) | S.F. |
| 1 | 2850 | 4040 | 1.418 | 2850 | 4810 | 1.69 | 88.35 | 202 | 2.29 J |

Prepared by : McCoskery, Billings, MT
 Date : 11-30-1992 (Revised 8/30/93)
 Remarks :

The mud gradient and bottom hole pressures (for burst) are 0.500 psi/ft and 2,850 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1990 pricing model. (Version 1.0G)



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
MONTANA STATE OFFICE
222 NORTH 32ND STREET
P.O. BOX 36800
BILLINGS, MONTANA 59107-6800

IN REPLY TO:

MTM 12619-A et al
BLM BOND NO. MT0576
(922.31)

April 25, 1989

NOTICE

Equitable Resources Energy Company
P. O. Box 21017
Billings, Montana 59104

OIL AND GAS

CORPORATE MERGER RECOGNIZED RIDER TO NATIONWIDE BOND ACCEPTED

Acceptable evidence has been filed in this office concerning the merger of Balcron Oil Company into Equitable Resources Energy Company, the surviving corporation. Information provided shows that Balcron Oil Company merged into Equitable Resources Energy Company, changing the former entity's name to Balcron Oil, a Division of Equitable Resources Energy Company. Please note that Divisions cannot hold leases, therefore, after consultation with Balcron Oil, this office is recognizing only the merger action.

A rider was filed on April 20, 1989, to be made a part of \$150,000 Nationwide Oil and Gas Bond No. 5547188 (BLM Bond No. MT0576) with Balcron Oil Company as principal and Safeco Insurance Company of America as surety. By means of this rider, the surety consents to changing the name on the bond from Balcron Oil Company to Equitable Resources Energy Company. The rider is accepted effective April 20, 1989.

For our purposes, the merger is recognized effective April 20, 1989.

The oil and gas lease files and communitization agreement files identified on the enclosed Exhibit A have been noted as to the merger. Other lease interests will be transferred by assignments from Ballard & Cronoble to Equitable Resources Energy Company.


Cynthia L. Embretson, Chief
Fluids Adjudication Section

1 Enclosure
1-Exhibit A

cc: (w/encl.)
AFS, Denver (1)
All DMs (1 ea.)
RMO Section (1)
Regional Forester, Lakewood (2)
Regional Forester, Missoula (2)
Bureau of Reclamation (1)

Form 3104-8
(July 1984)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

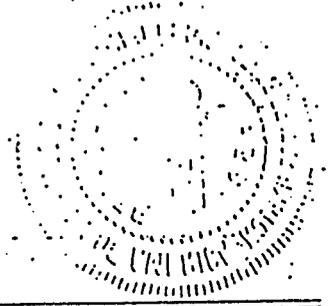
STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable



KNOW ALL MEN BY THESE PRESENTS, That we
BALCRON OIL COMPANY
of 1601 Lewis Avenue, Billings, MT 59104

as principal, and
SAFECO INSURANCE COMPANY OF AMERICA
of 111 Presidential Blvd., Suite 231, Bala Cynwyd, PA 19004

as surety, are held and firmly bound unto the United States of America in the sum of ONE HUNDRED FIFTY THOUSAND AND 00/100-----dollars (\$ 150,000.00), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally.

- The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

ALL STATES

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

tract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:

WHEREAS the principal is authorized to drill for, mine, ex-



SURETY RIDER

EXHIBIT "E" Page 3 of 4
SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
FIRST NATIONAL INSURANCE COMPANY OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

To be attached to and form a part of

Type of Bond: Nationwide Oil and Gas Lease Bond

Bond No. 5547188 (BLM Bond No. MT0576)

dated effective 9/8/88 (MONTH, DAY, YEAR)

executed by BALCRON OIL COMPANY, as Principal, (PRINCIPAL)

and by SAFECO INSURANCE COMPANY OF AMERICA, as Surety, (SURETY)

in favor of UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND (OBLIGEE) MANAGEMENT

In consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to changing

The name of the Principal

From: BALCRON OIL COMPANY

To: EQUITABLE RESOURCES ENERGY COMPANY

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective 1/1/89 (MONTH, DAY, YEAR)

Signed and Sealed 4/10/89 (MONTH, DAY, YEAR)

EQUITABLE RESOURCES ENERGY COMPANY PRINCIPAL

By: SAFECO INSURANCE COMPANY OF AMERICA TITLE SURETY

By: R. George Voinchet ATTORNEY-IN-FACT



POWER
OF ATTORNEY

GENERAL INSURANCE COMPANY OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

EXHIBIT "E" Page 4 of 4
3798

No. _____

KNOW ALL BY THESE PRESENTS:

That SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA, each a Washington corporation, does each hereby appoint

-----THOMAS L. VE HAR; R. GEORGE VOINCHET, Pittsburgh, Pennsylvania-----

its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

this 4th day of September, 19 87.

CERTIFICATE

Extract from the By-Laws of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA:

"Article V, Section 13. — FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,

- (i) The provisions of Article V, Section 13 of the By-Laws, and
- (ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and
- (iii) Certifying that said power-of-attorney appointment is in full force and effect,

the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

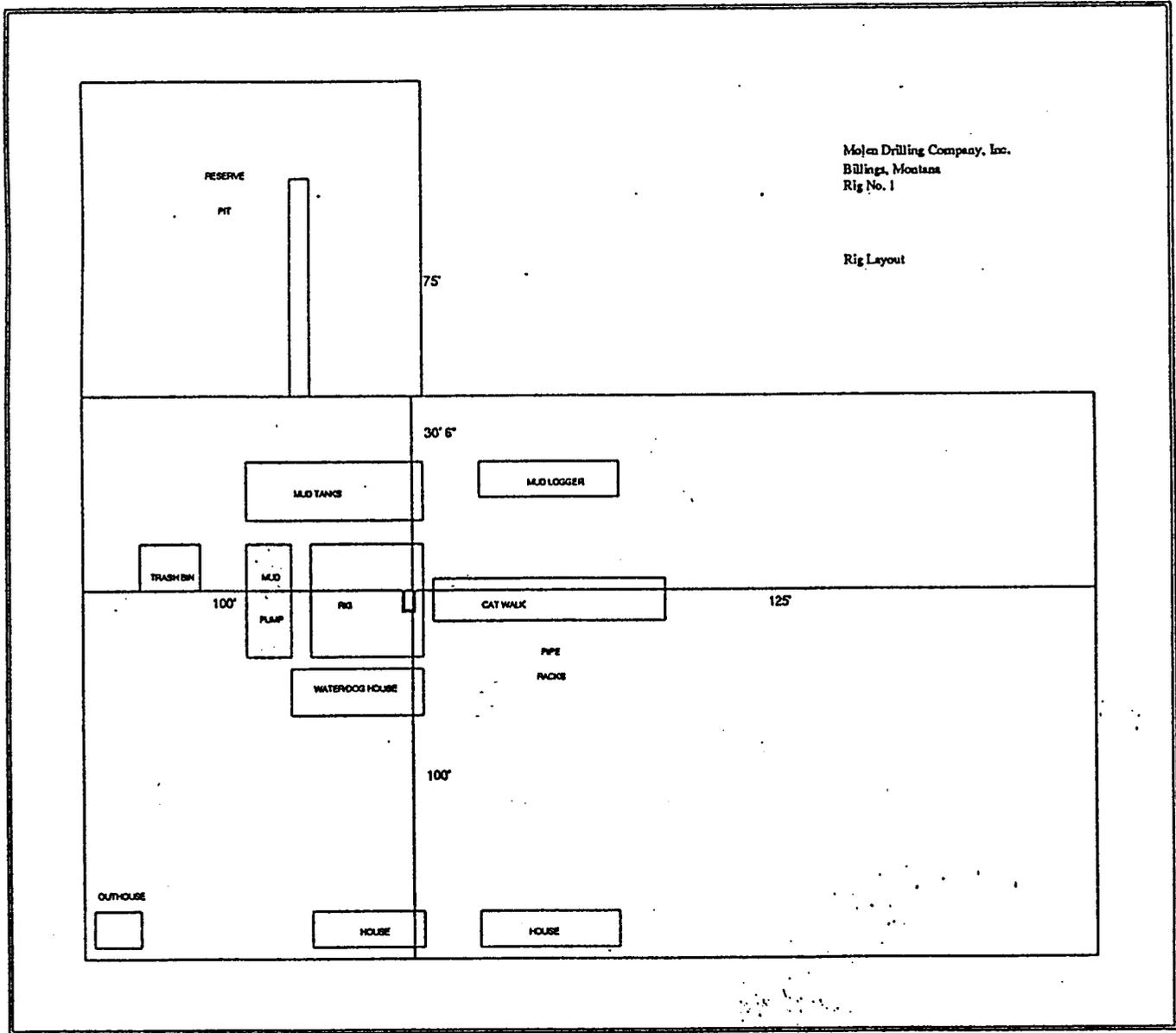
I, Boh A. Dickey, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

this 10th day of April, 19 89.

EXHIBITS "G" and "H"

Rig layouts and BOPE diagrams are submitted for both Union Drilling Rig #17 and Molen Drilling Rig #1. This well will be drilled with air as far as hole conditions allow and then with drilling fluids. See EXHIBIT "D" for additional details.

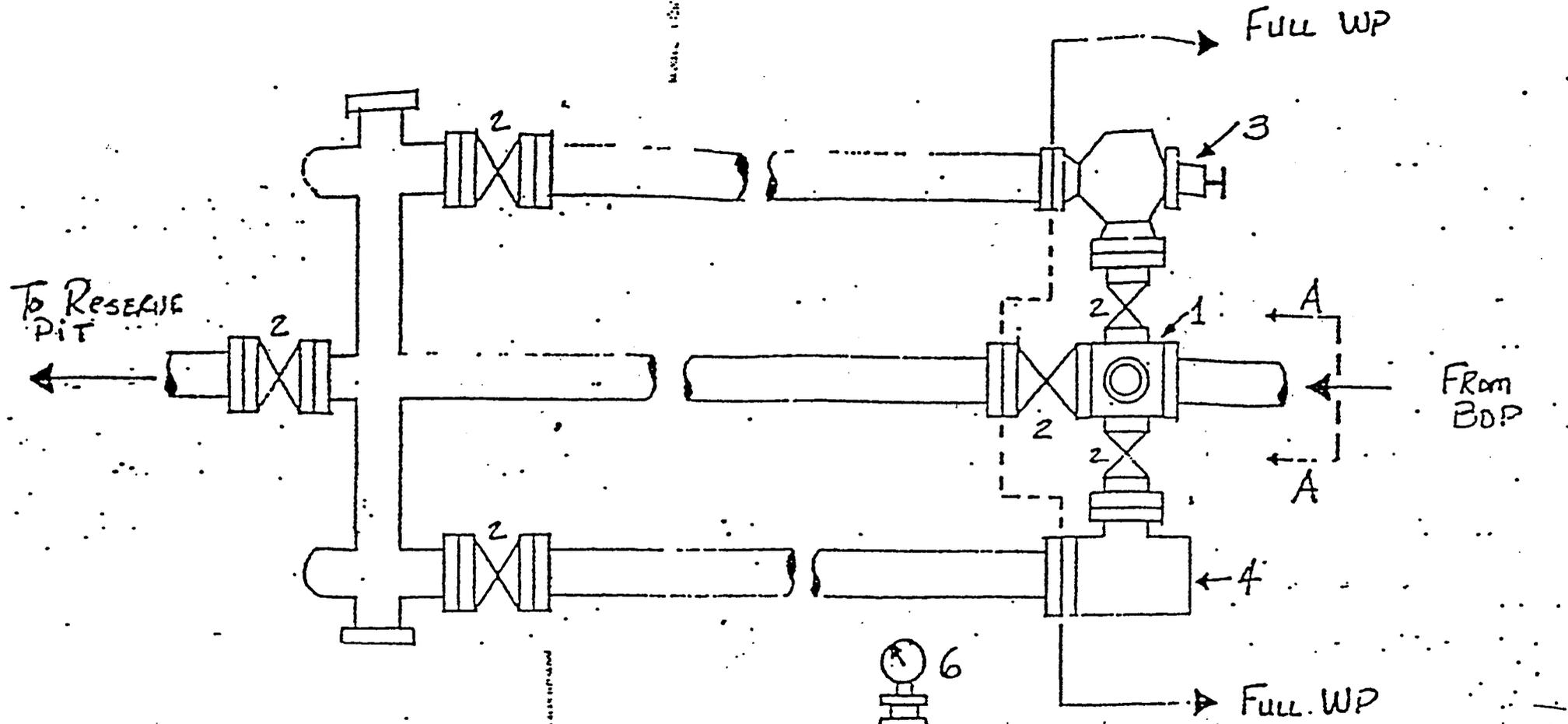


Mojem Drilling Company, Inc.
 Billings, Montana
 Rig No. 1

Rig Layout

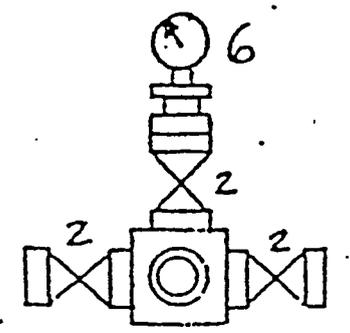
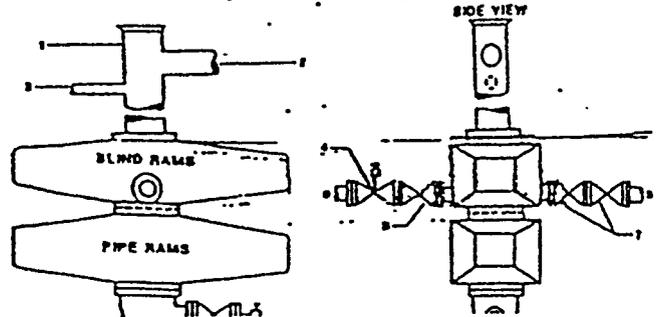
EXHIBIT "G"

EXHIBIT "H"



MANUFACTURED BY THE BAKER VALVE CO.

MANUFACTURED BY THE BAKER VALVE CO.

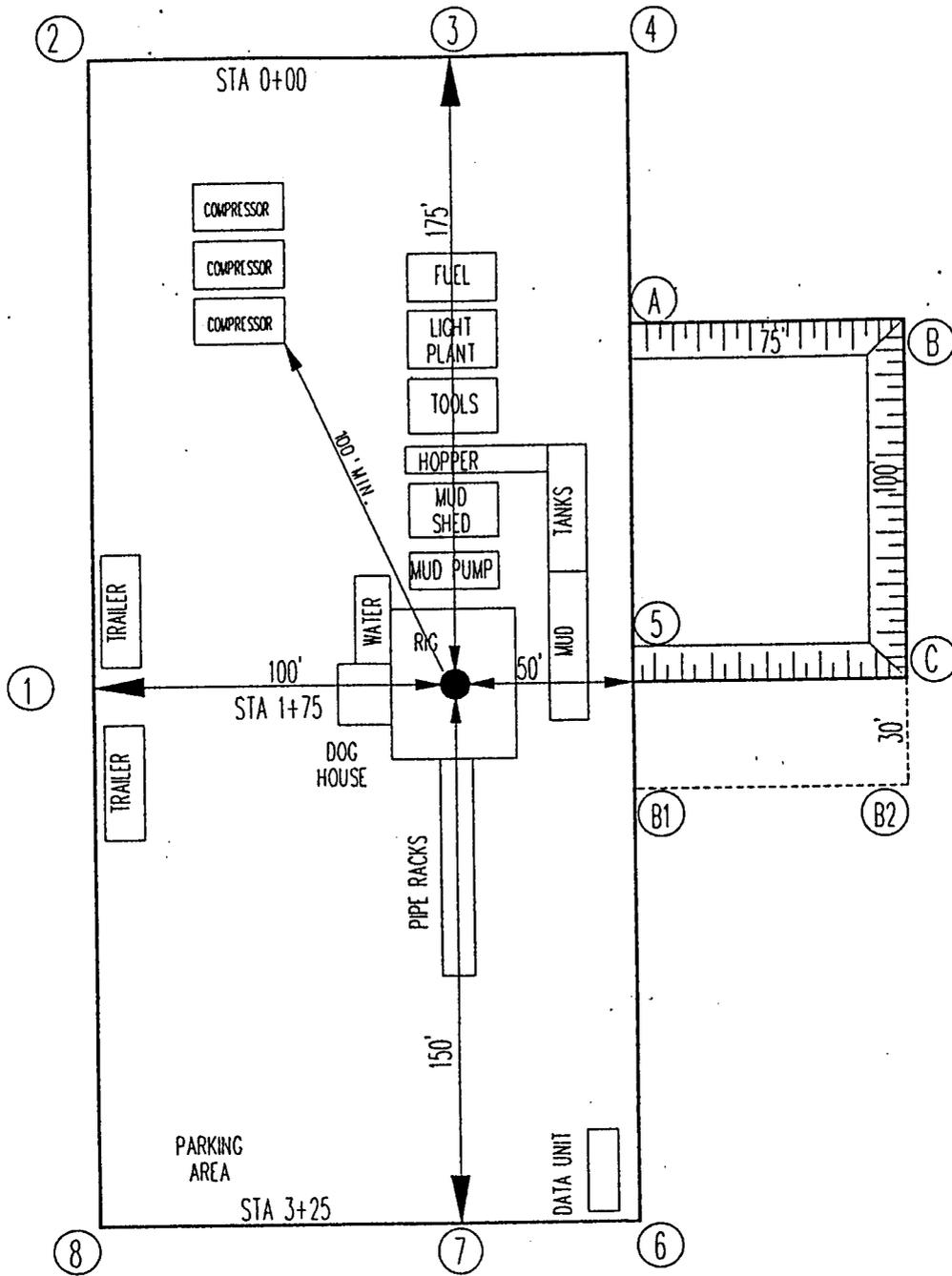


VIEW A-A

- 1. Cross
- 2. Gate Valve
- 3. Adjustable Choke
- 4. Positive Choke
- 5. Welded Bull Plug, Lead Filled
- 6. 2" - 1000 psi mud pressure gauge

Notes: All lines must be securely anchored.

EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



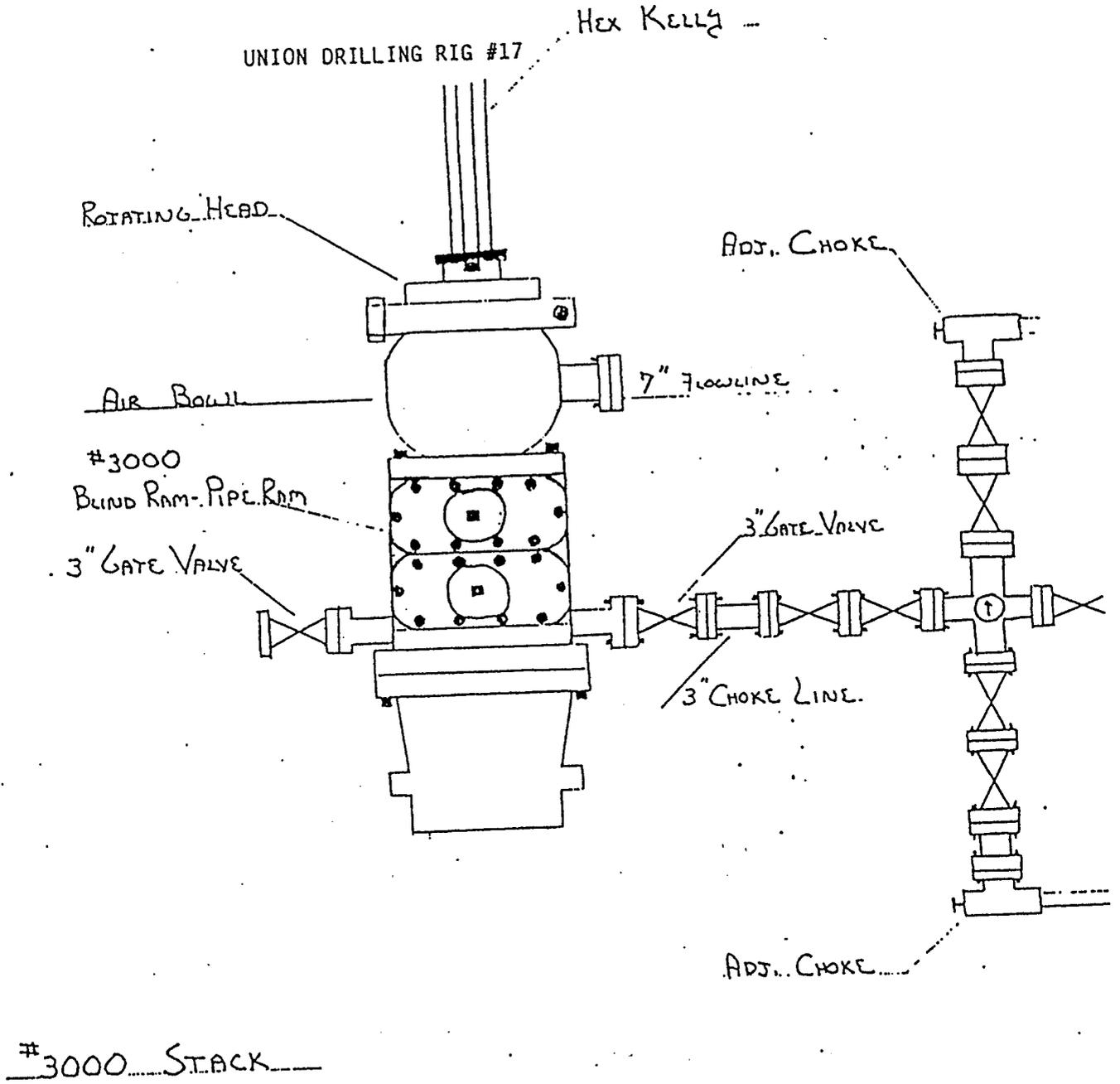


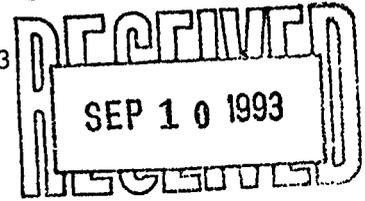
EXHIBIT "M"



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P. O. Box 853 Bountiful, Utah 84011-0853
Tel: (801) 292-7061, 292-9668

September 7, 1993



Subject: **CULTURAL RESOURCE EVALUATION OF FOUR
PROPOSED WELL LOCATIONS IN THE MONUMENT
BUTTES LOCALITY OF DUCHESNE COUNTY, UTAH**

Project: Balcron Oil -- 1993 Development

Project No.: BLCR-93-5

Permit No.: Dept. of Interior -- UT-93-54937

State Project No: UT-93-AF-488b

To: Ms. Bobbi Schuman, Balcron Oil Division, P.O. Box 21017, Billings, Montana
59104

Mr. David Little, District Manager, Bureau of Land Management, 170 South 500
East, Vernal, Utah 84078

Info: Antiquities Section, Division of State History, 300 Rio Grande, Salt Lake City,
Utah 84101

**CULTURAL RESOURCE EVALUATION
OF FOUR PROPOSED WELL LOCATIONS
IN THE MONUMENT BUTTES
LOCALITY OF DUCHESNE COUNTY, UTAH**

Report Prepared for Balcron Oil Company

Dept. of Interior Permit No.: UT-93-54937
AERC Project 1396 (BLCR-93-5)

Utah State Project No.: UT-93-AF-488b

Principal Investigator
F. Richard Hauck, Ph.D.

Author of the Report
Glade V Hadden



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)**

181 North 200 West, Suite 5
P.O. Box 853
Bountiful, Utah 84011-0853

September 7, 1993

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of four proposed well locations situated on BLM administered lands located in the Monument Buttes locality of Duchesne County, Utah. This evaluation involved a total of 44.85 acres, of which 4.85 acres (.4 miles) include two separate access roads associated with units 41-14J and 21-15J. The remaining 40 acres involve 10 acre parcels at all four of the proposed well locations. These evaluations were conducted by Glade Hadden of AERC on September 3, 1993.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

One newly identified non-significant cultural resource activity locus (42DC 773) was discovered and recorded during the examinations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

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| File Search | 3 |
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| Site Potential in the Project Development Zone | 4 |
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| Site Significance Criteria | 5 |
| Results of the Inventory | 5 |
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LIST OF MAPS OF THE PROJECT AREA

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| MAP 1: Cultural Resource Inventory of Proposed Balcron Well Units in the Monument Buttes Locality of Duchesne County, Utah | 2 |

GENERAL INFORMATION

On September 3, 1993, AERC archaeologist Glade Hadden conducted an intensive cultural resource evaluation for Balcron Oil Company of Billings, Montana. This examination involved four proposed well locations and associated access routes located in the Monument Buttes area south of Myton, Utah. Some .4 miles of access routes (4.85 acres) and four - 10 acre well pads were examined. This project is situated in the Monument Buttes locality of Duchesne County, Utah. The entire project area is situated on federal lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed developments on these well locations require archaeological evaluations in compliance with U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

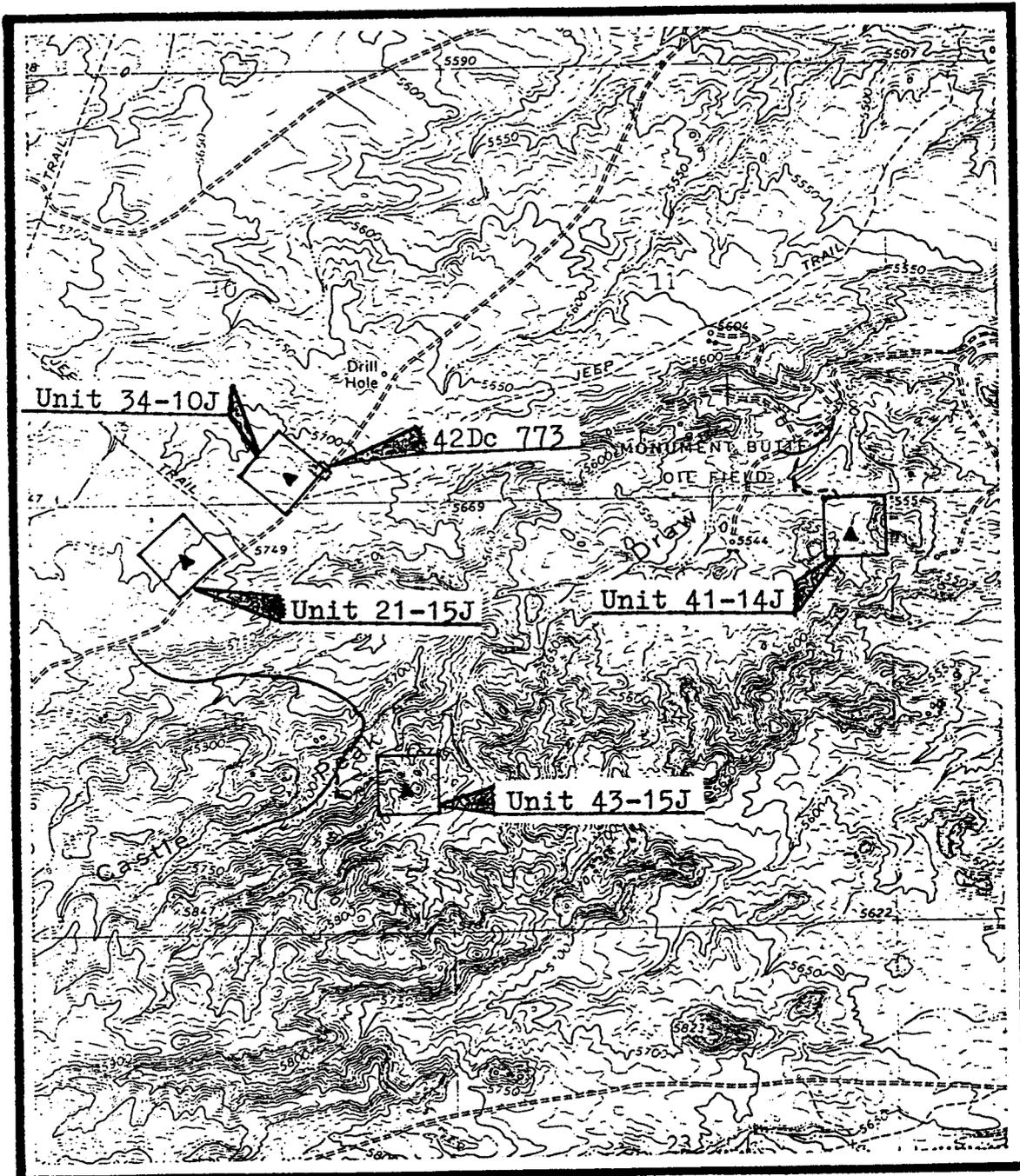
In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management Vernal District Office, and to the Utah State Antiquities Section. This work was done under U.S. Department of Interior Permit for Utah UT-93-54937 which expires on January 31, 1994.

Project Location

The project location is in the Monument Buttes locality of Duchesne County, Utah. It is situated on the Myton SE 7.5 minute topographic quad.

Unit 41-14J is situated in the NE - NE quarter of Section 14, Township 9 South, Range 16 East. Its access route extends ca. .25 mi. north to an existing road (See Map).

Unit 34-10J is in the SW - SE quarter of Section 10, Township 9 South, Range 16 East. This unit is accessible via the existing Monument Buttes road which extends westerly across the SE corner of the section (See Map). The well location is directly adjacent this road, so no separate access route is necessary.



T. 09 South
 R. 16 East
 Meridian: SL
 Quad: Myton SE
 Utah

MAP
 Cultural Resource Inventory
 of Proposed Balcron Well
 Units in the Monument Buttes
 Locality, Duchesne County Ut

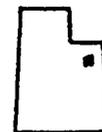
Legend:

- Well Location 
- Access Route 
- Existing Road 
- Cultural Site 



Project: BLCR-93-5
 Series: Uinta Basin
 Date: 9/7/93

Scale: 1:24,000



Unit 21-15J is located in the NE - NW of Section 15. This unit is reached via the same existing road (Monument Buttes access road) as the previous unit. This road runs southwesterly across the NW quarter of the section. (See Map). The well location is directly adjacent to the road, so no separate access route is necessary.

Unit 43-15J is situated in the NE - SE of the previous section (Sec. 15). This unit is accessible via an existing road which connects the Monument Buttes road with the bottom of Castle Peak Draw (See Map.). A ca. .15 mi. access route leads east into this location.

Environmental Description

The project area is within the 5400 to 5600 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project area.

The vegetation in the project area includes *Chrysothamnus spp.*, *Artemisia spp.*, *Eriogonum spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial and lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on August 23, 1993. A similar search was conducted in the Vernal District Office of the BLM on August 25, 1993. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Norman and Hauck 1980). Other sites have been located and recorded by AERC and other archaeological consultants during oil and gas exploration inventories.

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and

extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to four sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologist walking a series of 10 to 15 meter wide transects over a ten acre pad around each well location center stake. In addition, each access route was inventoried by the archaeologist walking a pair of 10 - 15 meter transects on each side of the flagged access route. Thus, a 35 meter-wide or 100 foot-wide corridor (ca. 4.85 acres) was examined for the total ca. .4 mile length of proposed access routes.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- b. that are associated with the lives of persons significant in our past; or
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or
- d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

One prehistoric cultural resource activity locus was observed and recorded during the archaeological evaluations. Site 42DC 773 consists of a non-significant open occupation area and associated lithic scatter. The integrity of this site has been almost totally destroyed by vandalism, collectors, and road blading activities. No diagnostic tools or buried deposits were found within this site.

No previously recorded sites are located within the proposed development zones.

No significant or National Register sites were noted or recorded during the survey.

No isolated artifacts were recorded or collected during the evaluations.

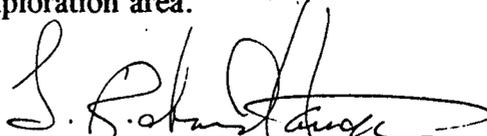
No paleontological loci were observed or recorded during the evaluations.

CONCLUSION AND RECOMMENDATIONS

No known significant cultural or paleontological resources will be adversely impacted during the development and operation of the Balcron Oil Company well locations evaluated during this project.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the developments proposed on these well locations based upon adherence to the following stipulations:

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.


F. Richard Hauck, Ph.D.
President and Principal
Investigator


Glade V Hadden
Field Supervisor

REFERENCES

Hadden, Glade V

- 1993 Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.
- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.
- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.

1993a Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

Polk, Michael

1982 Cultural resource inventory of NGC Well No. 12-8h. Report prepared by Sagebrush Archaeological Consultants, Ogden.

Norman, V. Garth and F. R. Hauck

1980 Final Report on the Mapco River Bend Cultural Mitigation Study. AERC Paper No. 18, of the Archeological-Environmental Research Corporation, Bountiful

Report Acceptable Yes ___ No ___

Mitigation Acceptable Yes ___ No ___

Summary Report of
Inspection for Cultural Resources

Comments: _____

FOUR WELL LOCATIONS IN THE
MONUMENT BUTTES LOCALITY

1. Report Title

Balcron Oil Company (BLCR-93-5)

2. Development Company _____

3. Report Date 09 07 1993
4. Antiquities Permit No. UT-92-54937

5. Responsible Institution AERC BLCR 93-5
County Dahse

6. Fieldwork 9 S 16 E 10 14 15
Location: TWN RNG Section. . .|. . .|. . .|. . .|

7. Resource
Area TWN RNG Section. . .|. . .|. . .|. . .|
.D M.

8. Description of Examination Procedures: The archeologist, G.V. Hadden intensively examined the proposed well locations and access routes by walking a series of 10 to 20 meter-wide transects in a 100 foot-wide corridor centered on the flagged access route center-line stakes, and by walking a series of 10 to 20 meter wide transects across the ten acre well locations.

9. Linear Miles Surveyed . 4
and/or
Definable Acres Surveyed
and/or
Legally Undefinable 4 4 . 8 5
Acres Surveyed

10. Inventory Type I
R = Reconnaissance
S = Statistical Sample

11. Description of Findings: One non-significant archaeological site was identified and recorded during this survey. Site 42DC 773 is a non-significant open occupation and lithic scatter.

12. Number Sites Found .1. (No sites = 0)

13. Collection: .N.
Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected:
The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 8-23-93 Vernal BLM 8-25-93

16. Conclusion/ Recommendations:
AERC recommends that a cultural resource clearance be granted to Balcron Oil Company for this proposed development based on the following stipulations:

operations should be confined to the existing roadways and/or evaluated access routes.

2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

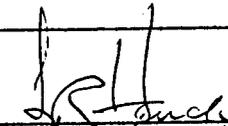
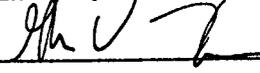
3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

17. Signature of Administrator
 & Field Supervisor

UT 8100-3 (2/85)

Administrator

Field
Supervisor

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
 DRILL DEEPEN PLUG BACK

2. Type of Well
 Oil Well Gas Well Other Single Zone Multiple Zone

3. Name of Operator
 Equitable Resources Energy Company, Balcron Oil Division

4. Address of Operator
 P.O. Box 21017; Billings, MT 59104

5. Location of Well (Report location clearly and in accordance with any State requirements.)*
 At surface: 592' FSL, 1979.2' FEL
 At proposed prod. zone

6. Lease Designation and Serial No.
 Federal # U-017985

7. If Indian, Allottee or Tribe Name
 n/a

8. Unit Agreement Name
 Jonah Unit

9. Farm or Lease Name
 Balcron Monument Federal

10. Well No.
 34-10J

11. Field and Pool, or Wildcat
 Monument Butte/Green River

12. County or Parish
 Duchesne

13. State
 UTAH

14. Distance in miles and direction from nearest town or post office*
 Approximately 16.6 miles southwest of Myton, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
 16. No. of acres in lease
 17. No. of acres assigned to this well

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.
 19. Proposed depth
~~5,800'~~ 5,850'

20. Rotary or cable tools
 Rotary

21. Elevations (Show whether DF, ET, GR, etc.)
 5,717.7' GL

22. Approx. date work will start*
 Upon APD approval

23. PROPOSED CASING AND CEMENTING PROGRAM

| Size of Hole | Size of Casing | Weight per Foot | Setting Depth | Quantity of Cement |
|--------------|----------------|-----------------|---------------|--------------------|
| See attached | | | | |

Operator plans to drill well in accordance with attached Federal Application for Permit to Drill.

CONFIDENTIAL

OCT 22 1993

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed: Robbie Schuman
Robbie Schuman

Coordinator of Environmental and Regulatory Affairs
APPROVED BY: [Signature] DATE: October 20, 1993

(This space for Federal or State office use)

API NO. 43-013-31416

Approval Date: 11/22/93

Approved by: _____
Conditions of approval, if any:

BY: [Signature]

DATE: 11/22/93
BY: [Signature]
WELL SPACING: 649-2-3

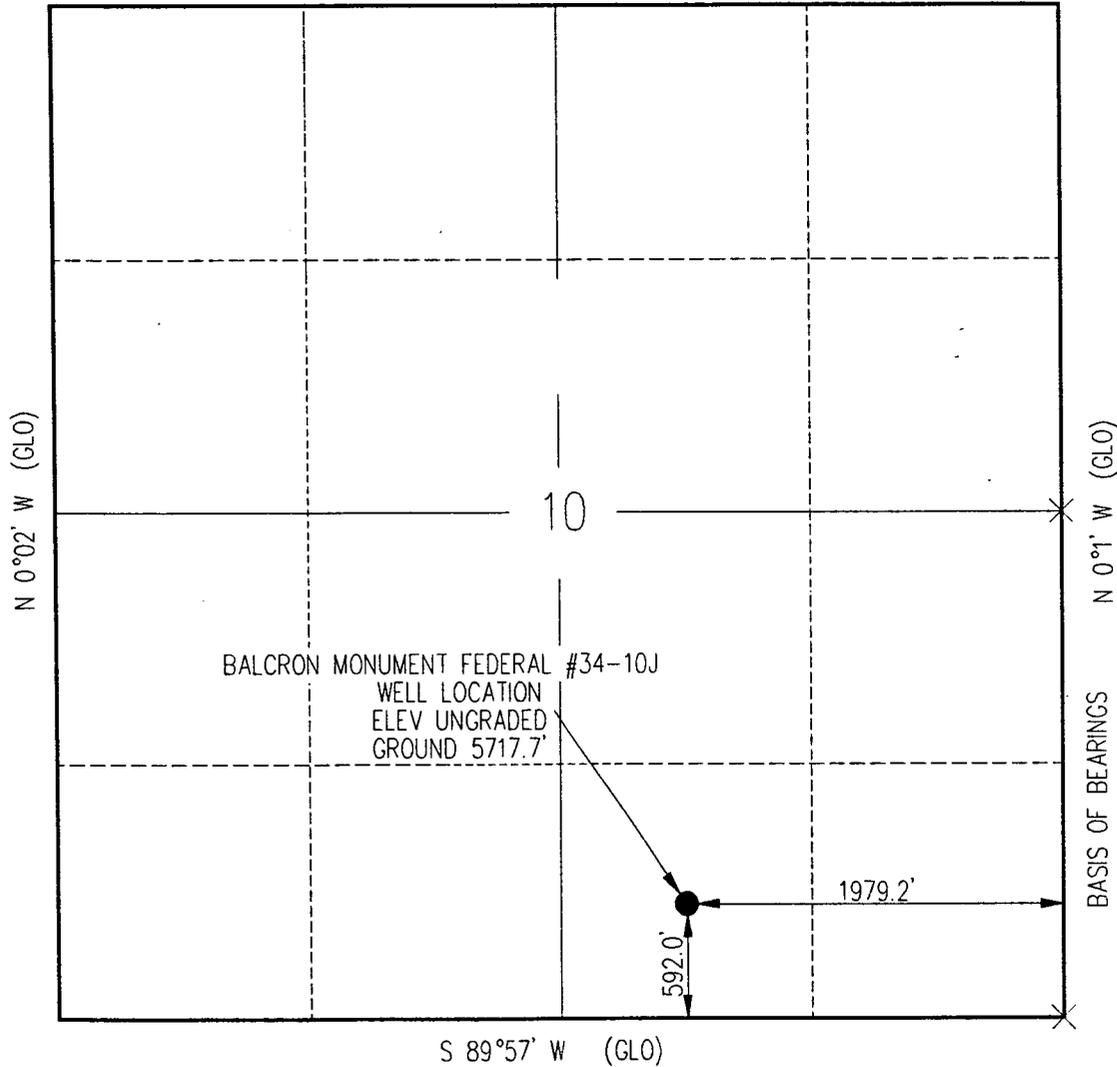
T9S, R16E, S.L.B. & M.

S 89°54' W (GLO)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #34-10J, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 10, T9S, R16E, S.L.B. & M, DUCHESNE COUNTY UTAH.

EXHIBIT "F"



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



X = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT 1911
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

| |
|----------------------|
| WEATHER: CLEAR & HOT |
| DATE: 8/19/93 |
| SCALE: 1" = 1000' |
| SURVEYED BY: GS QS |
| FILE: MF34-10J |





EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

October 21, 1993

RECEIVED

OCT 25 1993

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

DIVISION OF
OIL, GAS & MINING

CONFIDENTIAL

Gentlemen:

Enclosed are Paleontology Reports for the following wells:

Balcron Monument Federal #41-14J

Balcron Monument Federal #34-10J 43-013-31416

Balcron Monument Federal #21-15J

Balcron Monument Federal #43-15J

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

BALCRON OIL

**Balcron Monument Federal #34-10J
SW SE Section 10, T9S, R16E, SLB&M
Duchesne County, Utah**

**PALEONTOLOGY REPORT
WELLPAD LOCATION AND ACCESS ROAD**

BY

**ALDEN H. HAMBLIN
PALEONTOLOGIST
235 EAST MAIN
VERNAL, UTAH 84078**

OCTOBER 10, 1993

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT FEDERAL #34-10J

Description of Geology and Topography-

This well location is on the bench approximately 3/4 mile north of Castle Peak Draw, 11 miles south and 2 1/2 miles west of Myton, Utah. A small side canyon to Castle Peak Draw lies between the location and Castle Peak Draw. A small draw runs northwest south of the location. The area slopes to the northwest and north with drainage to the north. The access road runs about 300 feet from the existing road.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains.

Rocks in the immediate area of the proposed wellpad are composed of interbedded sandy limestone, limy sandstone, shale, and sandstone. Some chert is associated with this material also. Probably represents shallow lacustrine (lake) and fluvial (stream) deposits.

Paleontological material found -

No fossil vertebrate material was found on the wellpad location or access road.

Recommendations-

No other recommendations are made for this location.

Alden H. Hamblin

Date October 12, 1993

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/22/93

API NO. ASSIGNED: 43-013-31416

WELL NAME: BALCRON MONUMENT FED. 34-10J
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
SWSE 10 - T09S - R16E
SURFACE: 0592-FSL-1979-FEL
BOTTOM: 0592-FSL-1979-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U-17985

| | | |
|--------------------------|----------|------|
| INSPECT LOCATION BY: / / | | |
| TECH REVIEW | Initials | Date |
| Engineering | | |
| Geology | | |
| Surface | | |

RECEIVED AND/OR REVIEWED:

- Plat
- Bond
(Number FEDERAL)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
(Number BY SUNDAY)
- RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

- R649-2-3. Unit: UTU 72086A
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
- Board Cause no: _____
- Date: _____

COMMENTS: 1994 POD

STIPULATIONS: _____

MONUMENT BUTTE

T 1 W

R 1 E



T 4 S

T 8 S

T 9 S

R 16 E

R 17 E

DUCHESNE COUNTY

FIELD 105 ACTIVE



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 22, 1993

Equitable Resources Energy Company
P.O. Box 21017
Billings, Montana 59104

Re: Balcron Monument Federal #34-10J Well, 592' FSL, 1979' FEL, SW SE, Sec. 10, T. 9 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
2. Notification within 24 hours after commencing drilling operations.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or Mike Hebertson, Oil and Gas Field Specialist, (Home) (801)269-9212.



Page 2
Equitable Resources Energy Company
Balcron Monument Federal #34-10J Well
November 22, 1993

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31416.

Sincerely,



R.J. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc: Duchesne County Assessor
Bureau of Land Management, Vernal
WO11

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-017985

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Balcron Monument Federal #34-10J

9. API Well No.
43-013-31416

10. Field and Pool, or Exploratory Area
Monument Butte/ Green River

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SW SE Section 10, T9S, R16E
592' FSL, 1979.2' FEL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>identification of chemicals</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached.



DEC 03 1993

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Bobbe Schuman Title Coordinator of Environmental and Regulatory Affairs Date December 1, 1993

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ATTACHMENT TO SUNDRY NOTICE

- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

Cement (cement and associated additives)
Crude oil (produced hydrocarbons)
Diesel (fuels)
Fly ash (cement and associated additives)
Gasoline (fuels)
Hydrochloric acid (acids, organic)
Lime (cement and associated additives)
Potassium chloride (salt solutions)

We anticipate that it is possible that the 10,000 pound threshold of the above chemicals could be met or exceeded in these operations. With the exception of crude oil, all chemicals used will be in the normal course of drilling and completion operations and will be provided by service companies subcontracted by the operator. Storage, transportation, and disposal of any of these chemicals will be handled by such service companies. It is anticipated that drilling of this well will produce crude oil.

- B. Extremely hazardous substances threshold quantities (per Howard Cleavinger 11/30/93) of which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

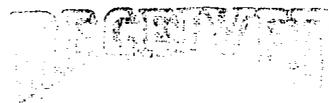
12/1/93
/rs



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104



DEC 03 1993

DIVISION OF
OIL, GAS & MINING

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

December 1, 1993

-- VIA FEDERAL EXPRESS --

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

*BALCRON Monument Federal 34-10J
43-013-31416
Sec 16, T9S, R16E*

Gentlemen:

In response to APD deficiency letters for wells on the enclosed list, enclosed are sundry notices giving identification of chemicals. Also noted on that list are specific comments on archeological reports, Plan of Development, and Right-of-Way where applicable. There were three requests for archeological reports which were submitted with the APDs (see EXHIBIT "M" of those APDs). Please confirm that you did receive those with the APDs.

Thank you.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

MONUMENT BUTTE DRILLING PROGRAM

NINTH BATCH

=====

Balcron Monument Federal #32-12J
SW NE Section 12, T9S, R16E
Duchesne County, Utah
1804.8' FNL, 2138.6' FEL
FLS #U-035521
PTD: 5,800'
GL 5413'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #34-12J
SW SE Section 12, T9S, R16E
Duchesne County, Utah
796.4' FSL, 2175.5' FEL
FLS #U-035521
PTD: 5,800'
GL 5524.1'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #21-14J
NE NW Section 14, T9S, R16E
Duchesne County, Utah
517.8' FNL, 1850.2' FWL
FLS #U-096547
PTD: 5,750'
GL 5592.5'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #34-10J
SW SE Section 10, T9S, R16E
Duchesne County, Utah
592' FSL, 1979.2' FEL
FLS #U-017985
PTD: 5,850'
GL 5,717.7'

Archeological Report submitted with
APD -- see EXHIBIT "M"
POD has been approved

Balcron Monument Federal #31-1J
NW NE Section 1, T9S, R16E
Duchesne County, Utah
660' FNL, 1980' FEL
FLS #U-33992
PTD: 5,950'
GL 5368.1'

Archeological Report sent 11/18/93
POD has been approved
ROW applied for 11/12/93

Balcron Monument Federal #32-1J
SW NE Section 1, T9S, R16E
Duchesne County, Utah
2143' FNL, 1987' FEL
FLS #U-33992
PTD: 5,950'
GL 5398.4'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #44-1J
SE SE Section 1, T9S, R16E
Duchesne County, Utah
338 FSL, 859' FEL
FLS #U-44426
PTD: 5,900'
GL 5372.1'

Archeological Report sent 11/18/93
POD has been approved
New APD face page sent 11/16/93

Balcron Monument Federal #12-11J
SW NW Section 11, T9S, R16E
Duchesne County, Utah
2128' FNL, 689' FWL
FLS #U-096550
PTD: 5,700'
GL 5617.2'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #11-12J
NW NW Section 12, T9S, R16E
Duchesne County, Utah
660' FNL, 660' FWL
FLS #U-096550
PTD: 5,900'
GL 5516.1'

Archeological Report sent 11/18/93
POD has been approved

Balcron Monument Federal #21-15J
NE NW Section 15, T9S, R16E
Duchesne County, Utah
644.7' FNL, 1830.3' FWL
FLS #U-017985
PTD: 5,800'
GL 5,737.20'

Archeological Report submitted with
APD -- see EXHIBIT "M"
POD has been approved

Balcron Monument Federal #43-15J
NE SE Section 15, T9S, R16E
Duchesne County, Utah
1777.9' FSL, 788.4' FEL
FLS #U-017985
PTD: 5,700'
GL 5,701.8'

Archeological Report submitted with
APD -- see EXHIBIT "M"
POD has been approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
U-017985

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Balcron Monument Federal #34-10J

9. API Well No.
43-013-31416

10. Field and Pool, or Exploratory Area
Monument Butte/ Green River

11. County or Parish, State
Duchesne County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SW SE Section 10, T9S, R16E
592' FSL, 1979.2' FEL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>change in rig and water source</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator plans to use Union Drilling Rig #17 as the drilling rig and the Joe Shields water source in drilling this well. Rig layout, BOPE diagram, and a copy of the water permit are attached.

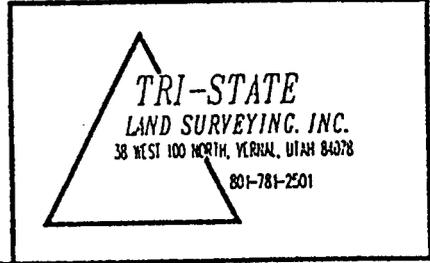
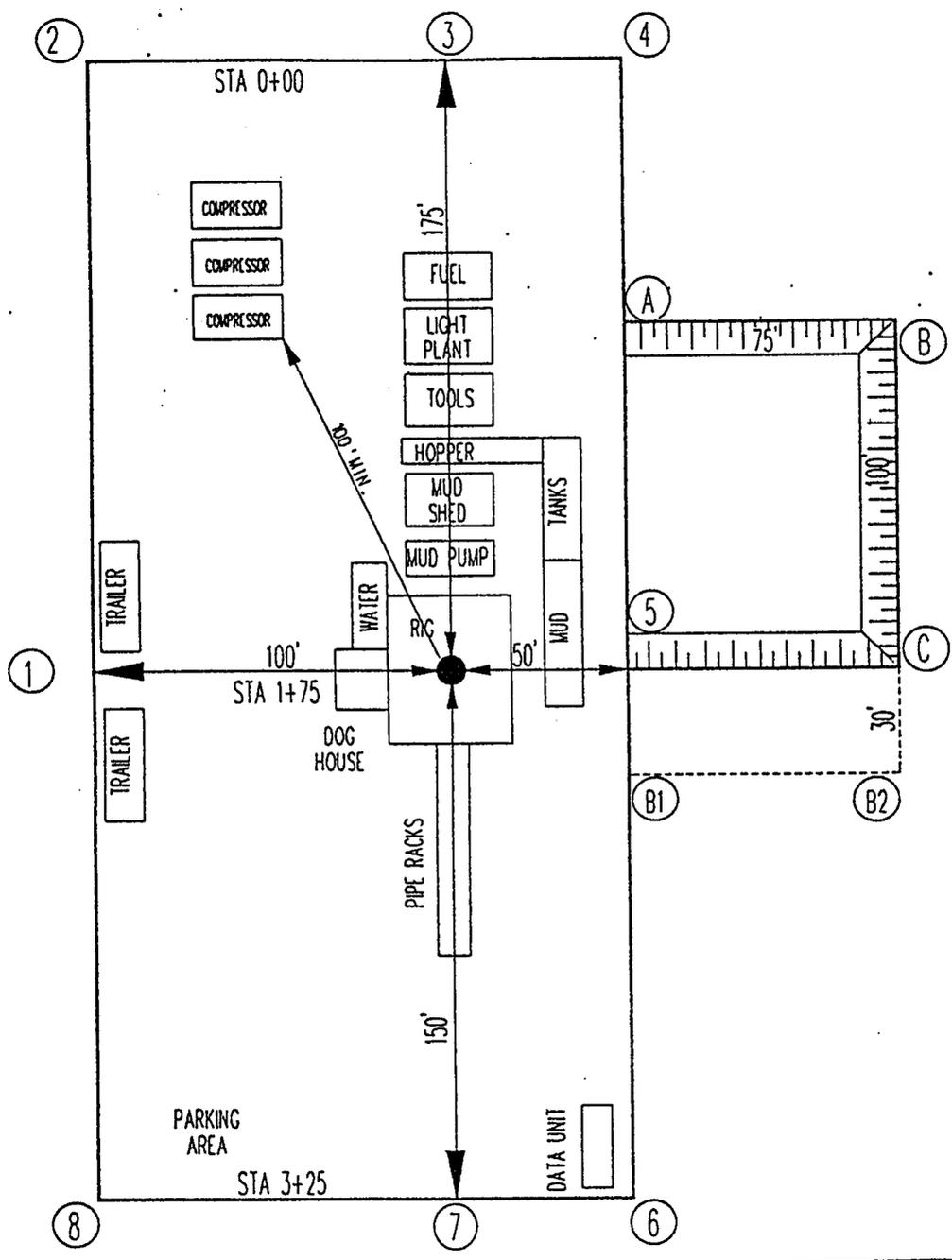
14. I hereby certify that the foregoing is true and correct

Signed Dobbe Schuman Title Coordinator of Environmental and Regulatory Affairs Date December 15, 1993

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



EX. BIT "H"

Hex Kelly -

UNION DRILLING RIG #17

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000
BLIND RAM-PIPE RAM

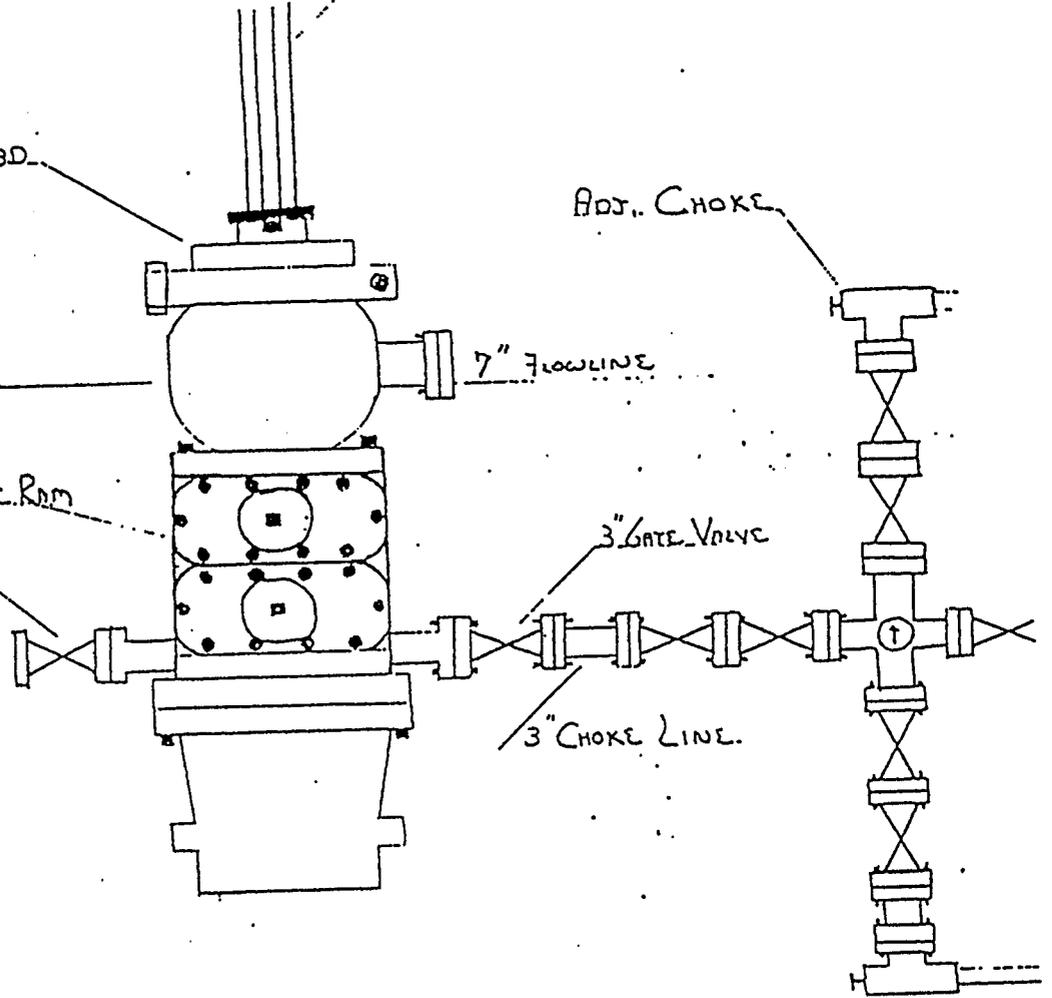
3" GATE VALVE

3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

#3000 STACK





APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

47-1674

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation Domestic Stockwatering Municipal Power Mining Other Uses

2. The name of the applicant is Joe Shields

3. The Post Office address of the applicant is Myton, Utah 84052

4. The quantity of water to be appropriated .015 second-feet and/or _____ acre-feet

5. The water is to be used for Stockwatering & Other from _____ to _____
(Major Purpose) (Month) (Day) (Month) (Day)

other use period Irrigation from Apr. 1 to Oct. 31
(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from _____ to _____
(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is _____
(Leave Blank)

7. The direct source of supply is* Drain
(Name of stream or other source)

which is tributary to _____, tributary to _____

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Duchesne County, situated at a point*
West 900 ft. South 1100ft. from E 1/2 Cor. Sec. 15, T4S, R2W, USB&M
(3 1/2 Miles SW of Myton)

_____ Myton, Utah

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of a collection ditch to place of use

10. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____
area inundated in acres _____ legal subdivision of area inundated _____

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
NE 1/4 SE 1/4 Sec. 15, T4S, R2W, USB&M

Total .25 Acres

12. Is the land owned by the applicant? Yes X No _____ If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes _____ No X
If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity. _____

15. If application is for mining, the water will be used in _____ Mining District at
the _____ mine, where the following ores are mined _____

16. If application is for stockwatering purposes, number and kind of stock watered 320 Cattle
in NE 1/4 SE 1/4 Sec. 15, T4S, R2W, USB&M

17. If application is for domestic purposes, number of persons _____, or families _____

18. If application is for municipal purposes, name of municipality _____

19. If application is for other uses, include general description of proposed uses Oil Field use

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Myton Oil Field in Pleasant Valley

21. The use of water as set forth in this application will consume .015 second-feet and/or acre-
feet of water and None second feet and/ or acre feet will be returned to the natural
stream or source at a point described as follows: _____

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Lined area for providing additional facts.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

Signature of Applicant

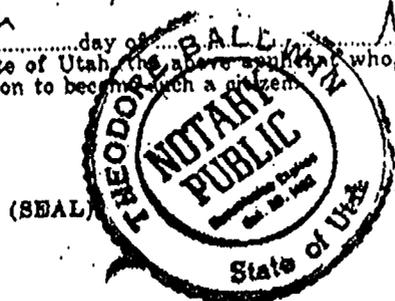
*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, Uintah County of

On the 10th day of May 1982, personally appeared before me, a notary public for the State of Utah, the above applicant, who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:



Signature of Notary Public



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361



DEC 17 1993

DIVISION OF
OIL, GAS & MINING

December 15, 1993

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

Enclosed are sundry notices regarding the drilling rig and water source Operator plans to use in drilling the following wells:

Balcron Monument Federal #11-12J

Balcron Monument Federal #12-11J

Balcron Monument Federal #21-15J

Balcron Monument Federal #34-10J

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
U-017985

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a

7. UNIT AGREEMENT NAME
Jonah Unit

8. FARM OR LEASE NAME
Balcron Monument Federal

9. WELL NO.
34-10J

10. FIELD AND POOL, OR WILDCAT
Monument Butte/Grn. River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW. SE Sec. 10, T9S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER _____
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY, Balcron Oil

3. ADDRESS OF OPERATOR
P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
592' FSL, 1979.2' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 16.6 miles southwest of Mytron, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. PROPOSED DEPTH
5,850'

19. ROTARY OR CABLE TOOLS
Rotary

20. APPROX. DATE WORK WILL START*
Upon APD Approval

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,717.7' GI

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| See drilling | program/casing | design | | DEC 20 1993 |

EXHIBITS ATTACHED

- "A" PROPOSED DRILLING PROGRAM
- "B" PROPOSED SURFACE USE PROGRAM
- "C" GEOLOGIC PROGNOSIS
- "D" DRILLING PROGRAM/CASING DESIGN
- "E" EVIDENCE OF BOND COVERAGE
- "F" SURVEY PLAT
- "G" RIG LAYOUT
- "H" BOPE DIAGRAM
- "I" EXISTING ROADS (Map A)
- "J" PLANNED ACCESS (Map B)
- "K" EXISTING WELLS (Map C)
- "L" CUT & FILL DIAGRAM
- "M" Archaeology Report

DIVISION OF
OIL, GAS & MINING
RECEIVED
OCT 22 1993

24. SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE October 20, 1993

PERMIT NO. _____ APPROVAL DATE DEC 13 1993
APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

WELL LOCATION INFORMATION

Company/Operator: Equitable Resources Energy Company

API Number 43-013-31416

Well Name & Number: Balcron Monument Federal 34-10J

Lease Number: U-017985

Location: SWSE Sec. 10 T. 9 S. R. 16 E.

Surface Ownership: BLM

Date NOS Received August 23, 1993

Date APD Received October 22, 1993

NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Equitable Resources Energy Company Well No. Balcron Federal 34-10J

Location SWSE Section 10, T9S, R16E Lease No. U - 017985

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at \pm 2,717 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 2500 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

The reserve pit shall be lined with a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

The requested emergency pit is hereby approved under Onshore Order No. 7, subject to the following Conditions of Approval:

1. The emergency pit shall be fenced and the fence maintained for safety, and to prevent livestock and wildlife entry. The pit shall be fenced according to the same minimum standards listed for the drilling reserve pit under Point 9E of the Multi-point Surface Use and Operation Plan. The fence shall be maintained in a taut condition. Fences shall not be built on berms.
2. Turn downs shall be put on the ends of pipes to direct fluids downward instead of against the wall of the pit.

If paleontologic resources are found or uncovered during ground disturbing activities, Balcron will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer.

Fall seeding will be done after September 15 and prior to prolonged ground frost.

If construction or surface disturbing activities are to occur between March 15 and August 15, it is required that a field survey be performed to assure that the nesting activities of Mountain Plover are not disturbed.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES

WELL NAME: BALCRON MONUMENT FEDERAL 34-10J

API NO. 43-013-31416

Section 10 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 1/13/94

Time 10:00 AM

How DRY HOLE

Drilling will commence _____

Reported by AL PLUNKETT

Telephone # _____

Date 1/14/94 SIGNED JLT

Page 1 of 1

Balcron Oil
DAILY OPERATING REPORT

DATE: 1/14/94

JONAH UNIT PARTNERS' DAILY REPORT

BALCRON MONUMENT FEDERAL #12-11J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW NW Section 11, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

PTD: 5700' Green River Oil - Dev.

---TIGHT HOLE---

1-14-94 TD: 4,910' (988') Day 4

Formation: Green Zone

MW 8.4 VIS 26

Present Operation: Drilling

Replace rotating head, drill & survey.

DC: \$13,158

CC: \$88,872

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

PTD: 5,850' Green River Oil - Dev.

---TIGHT HOLE---

1-12-94 Well spud @ 10 a.m. by Leon Ross Air Drilling.

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #34-10J

Location: SW SE Section 10, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

592' FSL 1979.2' FHL

PTD: 6,000' Formation: Green River

Prospect: JONAH UNIT, Monument Butte Field

Elevations: 5,717.7' GL

Contractor: Union Drilling Rig #17

Operator: Balcron/EREC

Spud: 1-12-94 @ 10 a.m.

Casing: 8-5/8" @ 264' GL

1-12-94 Well spud @ 10 a.m. by Leon Ross Air Drilling.

12-17-93 Start location - Stubbs and Stubbs Construction.

12-18-93 Work on location.

1-12-94 Move Ross Air Drilling on & drill to 250'.
DC: \$15,900 CC: \$15,900

1-13-94 Finish drilling to 275', run 8-5/8" csg & cmt as follows:

| | |
|---------------------------|----------------|
| Guide Shoe | .70' |
| 1 jt 8-5/8" 24# shoe jt | 42.40' |
| Baffle plate | ---- |
| 6 jts 8-5/8" 24# J-55 csg | <u>223.77'</u> |
| | 266.87' |
| Set csg at GL | 264' |
| Union KB | 274' |

Cmt by Halliburton w/150 sxs Class "G", 2% CCL & 1/4#/sx celoflake. Approximately 5 bbls cmt return to pit. Plug down 2:10 p.m. 1-13-94.
DC: \$3,908 CC: \$19,808

1-14-94 Work on pit.

1-15-94 Finish pit.

1-16-94 Install pit liner.

1-18-94 TD: 670' (396') day 1
Formation: Uintah
MW 8.3 VIS 26
Present Operation: Repair brakes.
Move rig & RU, NU BOP. Test BOP & manifold to 2000# - OK. Test csg to 1500# - OK. PU drill collars & drill cmt. Drill, survey & repair brakes.
DC: \$6,926 CC: \$26,734

CONFIDENTIAL
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

Type of Well

Oil Well Gas Well Other

Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE Section 10, T9S, R16E

592' ESL, 1979.2' EEL

5. Lease Designation and Serial No.
U-017985

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Federal #34-10J

9. API Well No.

43-013-31416

10. Field and Pool, or Exploratory Area

Monument Butte/ Green River

11. County or Parish, State

Duchesne County, Utah

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Report of Spud
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

14. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was spud at 10 a.m. on 1-12-94 by Leon Ross Air Drilling.

RECEIVED
BUREAU OF LAND MANAGEMENT
JAN 18 1994
DIVISION OF
OIL AND GAS ENGINEERING

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Coordinator of Environmental and
Title Regulatory Affairs

Date 1-13-94

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

OPERATOR Equitable Resources Energy Company
 ADDRESS Balcon Oil Division
P.O. Box 21017
Billings, MT 59104 (406) 259-7860

OPERATOR ACCT. NO. 19890

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION | | | | | SPUD DATE | EFFECTIVE DATE |
|-------------|--------------------|----------------|--------------|---------------------------------|---------------|----|----|-----|----------|-----------|----------------|
| | | | | | QQ | SC | TP | RG | COUNTY | | |
| B | 11492 | 11492 | 43-013-31416 | Balcon Monument Federal #34-10J | SW SE | 10 | 9S | 16E | Duchesne | 1-12-94 | 1-12-94 |

WELL 1 COMMENTS:
 Spud of a new well, please add to Jonah Unit Entity. *Entity added 1-24-94. Lee*

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|

WELL 2 COMMENTS:

| | | | | | | | | | | | |
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| | | | | | | | | | | | |
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WELL 3 COMMENTS:

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|

WELL 4 COMMENTS:

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|

WELL 5 COMMENTS:

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

JAN 20 1994

Bobbie Schuman
 Signature
 Coordinator of Environmental and
 Regulatory Affairs
 Title
 Date 1-13-94

Phone No. (406) 259-7860

Page 1 of 1

Balcron Oil
DAILY OPERATING REPORT

DATE: 1/19/94

****JONAH UNIT PARTNERS' DAILY REPORT******BALCRON MONUMENT FEDERAL #12-11J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW NW Section 11, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-18-94

Completion

MIRU Cannon well service rig #2. NU BOP. PU 4-3/4" bit & csg scraper. TIH w/85 jts 2-7/8" EUE tbg, tag PBD @ 5703' KB. Circ hole clean w/125 bbls 2% KCL wtr. TOOH w/tbg, bit & scraper. SWIFN.

DC: \$15,762

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

PTD: 5,850' Green River Oil - Dev.

---TIGHT HOLE---

1-19-94

TD: 2,033' (1,363') Day 2

Formation: Green River

MW 8.4 VIS 26

Present Operation: Drilling

Repair brakes, drill, clean on rig, & survey.

DC: \$27,802

CC: \$54,536

Page 1 of 3

Balcron Oil
DAILY OPERATING REPORT

DATE: 1/20/94

****JONAH UNIT PARTNERS' DAILY REPORT******BALCRON MONUMENT FEDERAL #12-11J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW NW Section 11, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-19-94

Completion

CP - 0; TP - 5 psi. Tag fluid 4200' from surface, 1100' of fluid entry in 14 hrs. 1st run 2% oil, 98% wtr, gas-cut. 2nd run, fluid level 4700' from surface, 500' fluid entry in 30 min, trace of oil, 100% wtr gas-cut. See treatment report attached.

DC: \$275

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

PTD: 5,850' Green River Oil - Dev.

---TIGHT HOLE---

1-20-94

TD: 3,121' (1,088') Day 3

Formation: Green River

MW 8.4 VIS 26

Present Operation: Drilling

Drill, survey, & clean on rig.

DC: \$14,511

CC: \$69,047

Balcron Oil
DAILY OPERATING REPORT

DATE: 1/20/94

****JONAH UNIT PARTNERS' DAILY REPORT******BALCRON MONUMENT FEDERAL #12-11J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW NW Section 11, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-19-94 Completion
CP - 0; TP - 5 psi. Tag fluid 4200' from surface, 1100' of fluid entry in 14 hrs. 1st run 2% oil, 98% wtr, gas-cut. 2nd run, fluid level 4700' from surface, 500' fluid entry in 30 min, trace of oil, 100% wtr gas-cut. See treatment report attached.
DC: \$275

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SE Section 10, T9S, R16E
Duchesne County, UtahProspect: Jonah Unit / Monument Butte
PTD: 5,850' Green River Oil - Dev.

---TIGHT HOLE---

1-20-94 TD: 3,121' (1,088') Day 3
Formation: Green River
MW 8.4 VIS 26
Present Operation: Drilling
Drill, survey, & clean on rig.
DC: \$14,511 CC: \$69,047

Balcron Oil
DAILY OPERATING REPORT

DATE: 1/21/94

****JONAH UNIT PARTNERS' DAILY REPORT****

BALCRON MONUMENT FEDERAL #12-11J

Operator: EREC/Balcron
BOD WI: 79.78%
Location: SW NW Section 11, T9S, R16E
Duchesne County, Utah
Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-20-94 Completion
CP - 0; TP - 5 psi. Tag fluid 4200' from surface, 1100' of fluid entry in 14 hrs, 1st run 2% oil, 98% gas-cut wtr. 2nd run, fluid level 4700' from surface, 500' fluid entry in 30 min, trace of oil, 100% gas-cut wtr. TIH & retrieve BP, tooh w/tbg, packer & BP. RU Schlumberger to set CIBP @ 5325' KB. Pressure test - OK. Perforate 4984'-91' & 5025'-28' (2 SPF). TIH w/5-1/2" RBP, one 2-7/8" x 4' sub, 5-1/2" packer, SN & 162 jts 2-7/8" tbg. Set BP @ 5008' KB, set packer @ 4969' KB, EOT @ 4976' KB. RU Western to do HCL break down on perms 4984'-91' refer to treatment report. Reset BP @ 5069' KB, set packer @ 4999' KB, EOT @ 5006' KB. RU Western to break down perms 5025'-28'. Spot acid at perms, set packer, had communication behind csg between perms 5025'-28' and 4984'-91'. Reset packer @ 4969' KB & pumped acid into formation. Unset packer & tooh w/tbg, SN, packer & retrieving tool. SWIFN. Load to recover - 40 bbls.
DC: \$8,732

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron
BOD WI: 79.78%
Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah
Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-21-94 TD: 4,035' (914') Day 4
MW 8.4 VIS 26
Present Operation: Drilling
Drill, survey, & clean on rig.
DC: \$12,332 CC: \$81,379

COPY TO:

M.B. Auer
J. Balkenbush

H.J. Damstrom
R.A. Schalla

ENGINEERING
GEOLOGY
LAND

TELECOPY TO:

D.L. Bole
J.A. Townsend
at EREC

Balcron Oil
DAILY OPERATING REPORT

DATE: 1/21/94

****JONAH UNIT PARTNERS' DAILY REPORT******BALCRON MONUMENT FEDERAL #12-11J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW NW Section 11, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-20-94

Completion

CP - 0; TP - 5 psi. Tag fluid 4200' from surface, 1100' of fluid entry in 14 hrs, 1st run 2% oil, 98% gas-cut wtr. 2nd run, fluid level 4700' from surface, 500' fluid entry in 30 min, trace of oil, 100% gas-cut wtr. TIH & retrieve BP, tooh w/tbg, packer & BP. RU Schlumberger to set CIBP @ 5325' KB. Pressure test - OK. Perforate 4984'-91' & 5025'-28' (2 SPF). TIH w/5-1/2" RBP, one 2-7/8" x 4' sub, 5-1/2" packer, SN & 162 jts 2-7/8" tbg. Set BP @ 5008' KB, set packer @ 4969' KB, EOT @ 4976' KB. RU Western to do HCL break down on perfs 4984'-91' refer to treatment report. Reset BP @ 5069' KB, set packer @ 4999' KB, EOT @ 5006' KB. RU Western to break down perfs 5025'-28'. Spot acid at perfs, set packer, had communication behind csg between perfs 5025'-28' and 4984'-91'. Reset packer @ 4969' KB & pumped acid into formation. Unset packer & tooh w/tbg, SN, packer & retrieving tool. SWIFN. Load to recover - 40 bbls.

DC: \$8,732

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-21-94

TD: 4,035' (914') Day 4

MW 8.4 VIS 26

Present Operation: Drilling

Drill, survey, & clean on rig.

DC: \$12,332

CC: \$81,379

COPY TO:M.B. Auer
J. BalkenbushH.J. Damstrom
R.A. SchallaENGINEERING
GEOLOGY
LAND**TELECOPY TO:**D.L. Bole
J.A. Townsend
at EREC

Balcron Oil
DAILY OPERATING REPORT

DATE: 1/21/94

****JONAH UNIT PARTNERS' DAILY REPORT****

BALCRON MONUMENT FEDERAL #12-11J

Operator: EREC/Balcron
BOD WI: 79.78%
Location: SW NW Section 11, T9S, R16E
Duchesne County, Utah
Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-20-94 Completion
CP - 0; TP - 5 psi. Tag fluid 4200' from surface, 1100' of fluid entry in 14 hrs, 1st run 2% oil, 98% gas-cut wtr. 2nd run, fluid level 4700' from surface, 500' fluid entry in 30 min, trace of oil, 100% gas-cut wtr. TIH & retrieve BP, TOOH w/tbg, packer & BP. RU Schlumberger to set CIBP @ 5325' KB. Pressure test - OK. Perforate 4984'-91' & 5025'-28' (2 SPF). TIH w/5-1/2" RBP, one 2-7/8" x 4' sub, 5-1/2" packer, SN & 162 jts 2-7/8" tbg. Set BP @ 5008' KB, set packer @ 4969' KB, EOT @ 4976' KB. RU Western to do HCL break down on perfs 4984'-91' refer to treatment report. Reset BP @ 5069' KB, set packer @ 4999' KB, EOT @ 5006' KB. RU Western to break down perfs 5025'-28'. Spot acid at perfs, set packer, had communication behind csg between perfs 5025'-28' and 4984'-91'. Reset packer @ 4969' KB & pumped acid into formation. Unset packer & TOOH w/tbg, SN, packer & retrieving tool. SWIFN. Load to recover - 40 bbls.
DC: \$8,732

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron
BOD WI: 79.78%
Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah
Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-21-94 TD: 4,035' (914') Day 4
MW 8.4 VIS 26
Present Operation: Drilling
Drill, survey, & clean on rig.
DC: \$12,332 CC: \$81,379

COPY TO:

M.B. Auer
J. Balkenbush

H.J. Damstrom
R.A. Schalla

ENGINEERING
GEOLOGY
LAND

TELECOPY TO:

D.L. Bole
J.A. Townsend
at EREC

Balcron Oil
DAILY OPERATING REPORT

DATE: 1/24/94

****JONAH UNIT PARTNERS' DAILY REPORT******BALCRON MONUMENT FEDERAL #12-11J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW NW Section 11, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-21-94 Completion
RU Western to frac 4984'-91' and 5025'-28'. Refer to treatment report. SWIFN.
DC: \$19,293

1-22-94 Completion
CP - 940 psi. Flow back 60 BW. TIH w/retrieving tool, 2-7/8" x 4' sub, 5-1/2" packer, SN, & 156 jts 2-7/8" tbg. Tag sand @ 4929' KB. Circ down to BP @ 5069' KB. Set packer @ 4969' KB. Made 21 swab runs, recovered 126 BW, trace of oil gas-cut. Last 3 runs fluid level stable @ 2900'. Last 6 runs no sand. TIH to sand @ 5050' KB, circ down to BP, release BP. Reset BP @ 4969' KB. Pressure test BP to 1000 psi - OK. POOH w/10 jts of tbg. SWIFN.
DC: \$1,665

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-22-94 TD: 4,697' (662') Day 5
Formation: Red Zone
MW 8.4 VIS 26
Present Operation: Trip for bit.
Drill, survey, clean on rig, load hole w/fluid, circ hole, & trip for bit. (Green Bit).
DC: \$9,403 CC: \$90,782

1-23-94 TD: 5,230' (533') Day 6
Formation: Green Zone
MW 8.4 VIS 26
Present Operation: Drilling
Trip back in hole, circ, drill, owrk on pit pump & drill ahead.
DC: \$7,616 CC: \$98,398

1-24-94 TD: 5,821' (591') Day 7
Formation: Green River
MW 8.4 VIS 27
Present Operation: Drilling
Drill, clean on rig, change out rotating head rubber & drill ahead.
DC: \$8,204 CC: \$106,602

Page 1 of 3

Balcron Oil
DAILY OPERATING REPORT

DATE: 1/25/94

****JONAH UNIT PARTNERS' DAILY REPORT******BALCRON MONUMENT FEDERAL #12-11J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW NW Section 11, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-24-94

Completion

TOOH w/tbg & tools. RU Schlumberger to perf 4890'-95' (2 SPF) .40"; RD Schlumberger. TIH w/retrieving head, 2-7/8" x 4' sub, R-3 packer, SN & 158 jts 2-7/8" tbg. RU Western to do HCL break down, spot acid, set packer @ 4870' KB, EOT 4883' KB refer to treatment report. RD Western. TOOH w/tbg & packer. RU Western to frac 4890'-95' refer to treatment report. Screen out. SWIFN.
DC: \$5,987

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

1-25-94

TD: 5,850' (29') Day 8

Formation: Green River

MW 8.4 VIS 26

Present Operation: Running 5-1/2" csg.

Work on pump, drill, circ for logs, TOH, & log well. TIH, LD drill pipe & drill collars. Test 5-1/2" pipe rams to 2000# - OK. Run 5-1/2" csg.

DC: \$19,038

CC: \$125,640

**Balcron Oil
DAILY OPERATING REPORT**

DATE: 1/26/94

****JONAH UNIT PARTNERS' DAILY REPORT****

BALCRON MONUMENT FEDERAL #12-11J

Operator: EREC/Balcron
 BOD WI: 79.78%
 Location: SW NW Section 11, T9S, R16E
 Duchesne County, Utah
 Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-25-94 Completion
 TIH w/retrieving tool, 2-7/8" x 4' sub, R-3 packer, SN & 110 jts 2-7/8" tbg, tag sand @ 3400' from surface. Circ down to BP @ 4969' KB. Recovered 18 ball sealers, no other foreign material. Set packer @ 4870' KB, made 11 swab runs recovered 66 BW. Trace of oil, gas-cut. Last 4 runs fluid level declining 200' per run, still getting sand back. Last run fluid level @ 2300'. SWIFN. Load to recover 274 BW.
 DC: \$17,850

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron
 BOD WI: 79.78%
 Location: SW SE Section 10, T9S, R16E
 Duchesne County, Utah
 Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

1-26-94 TD: 5,850' (0') Day 9
 Present Operation: Stacked out.
 Finish running 5-1/2" csg as follows:

| | |
|-------------------------------|-----------------|
| Guide shoe | .60' |
| 1 jts 5-1/2" 15.5# shoe jt | 43.51' |
| Float collar | .85' |
| 130 jts 5-1/2" 15.5# K-55 csg | <u>5791.08'</u> |
| | 5836.04' |
| Csg set at: | 5832.04' |
| PBTD: | 5787.04' |

Cmt by Dowell w/110 sxs hilift cmt & 290 sxs Class "G". Set slips, nipple down & clean mud tank. RDMO. Plug down @ 8:15 a.m. 1-25-94, release rig @ 12:15 p.m. 1-25-94.
 DC: \$48,345 CC: \$173,985

3160-5
1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
U-017985

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Balcon Monument Federal #34-10J

9. API Well No.
43-013-31416

10. Field and Pool, or Exploratory Area
Monument Butte/ Green River

11. County or Parish, State
Duchesne County, Utah

Type of Well
 Oil Well Gas Well Other

Name of Operator
Equitable Resources Energy Company, Balcon Oil Division

Address and Telephone No.
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

Location of Well (Footage, Sec., T., R., M., or Survey Description)
SW SE Section 10, T9S, R16E

592' FSL, 1979.2' FEL

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>Change in rig.</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator will be using a completion rig to complete this well.



JAN 28 1994

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Robbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date 1-26-94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

BALCRON OIL
DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #34-10J

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

1-25-94 TD: 5,850' (29') Day 8
Formation: Green River
MW 8.4 VIS 26
Present Operation: Running 5-1/2" csg.
Work on pump, drill, circ for logs, TOH, & log well.
TIH, LD drill pipe & drill collars. Test 5-1/2" pipe
rams to 2000# - OK. Run 5-1/2" csg.
DC: \$19,038 CC: \$125,640

1-26-94 TD: 5,850' (0') Day 9
Present Operation: Stacked out.
Finish running 5-1/2" csg as follows:
Guide shoe .60'
1 jts 5-1/2" 15.5# shoe jt 43.51'
Float collar .85'
130 jts 5-1/2" 15.5# K-55 csg 5791.08'
5836.04'
Csg set at: 5832.04'
PBTB: 5787.04'
Cmt by Dowell w/110 sxs hilift cmt & 290 sxs Class "G".
Set slips, nipple down & clean mud tank. RDMO. Plug
down @ 8:15 a.m. 1-25-94, release rig @ 12:15 p.m. 1-25-
94.
DC: \$48,345 CC: \$173,985

1-27-94 TD: 5,850'
Present Operation: Completion
MIRU Cannon Well Service Rig #2. NU casing head; NU BOP.
TIH with 4-3/4" bit, 5-1/2" casing scraper and 187 joints
2-7/8" tubing. tag PBTB @ 5,787' KB. Rig up pump and
prepare to circulate. SWIFN.
DC: \$19,658

BALCRON OIL
DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #34-10J

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

1-28-94 TD: 5,850'

Present Operation: Completion

Circulate hole clean w/125 BBL 2% KCL water. TOOH with tubing, scraper and bit. RU Schlumberger to run CBL. Log from PBTD to 3,500' and from 2,800' to 2,600'. Found cement top @ 2,730' KB. RU to perforate 5,015-19' 25 PF and 4,865-72 1 SPF. RD Schlumberger. TIH w/5-1/2" RBP retrieving head, 1 jt 2-7/8" tubing, HD packer, seat nipple and 163 jts 2-7/8" tubing. Set BP @ 5,077' KB; leave packer hanging @ 5,004' KB, EOT 5,012' KB. SWIFN.
DC: \$6,749

Page 2 of 2

Balcron Oil
DAILY OPERATING REPORT

DATE: 2/2/94

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

Prospect: Jonah Unit / Monument Butte

2-1-94

Completion

CP - 10 psi. TIH w/retrieving too, 2-7/8" x 4' sub, 5-1/2" HD packer, SN, & 112 jts 2-7/8" tbg. Tag sand @ 3487' KB, circ down to BP @ 5077' KB. Set packer @ 4847' KB. Made 10 swab runs. Recovered 60 BW, trace oil, gas-cut, heavy sand. Fluid level on last run 1900'. SWIFN. NOTE: Added costs because of screen out circ sand from 3487' to 4800'. Rig time - \$770, pump - \$100, wtr to circ \$643 w/trucking; total - \$1513. Load to recover 299 BW. DC: \$3,385

Balcron Oil
DAILY OPERATING REPORT

DATE: 2/3/94

****JONAH UNIT PARTNERS' DAILY REPORT****

BALCRON MONUMENT FEDERAL #12-11J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW NW Section 11, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

2-2-94 Completion
Start pumping @ 11:30 a.m., 3 SPM, 88" stroke.

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit/Monument Butte

---TIGHT HOLE---

2-2-94 Completion
CP - 0, TP - 2 psi. Tag fluid @ 1400' from surface, 1 $\frac{1}{2}$ oil first run. Made 20 swab runs. Recovered 120 bbls fluid, 1 BO, 119 BW gas-cut. Last 2 runs, no sand 5 $\frac{1}{2}$ oil. Final fluid level 3700'. Release packer, tag sand @ 5037' KB, circ down to 5077' KB. TOOH w/tbg, SN, packer, sub & retrieving tool. Change out well head flange & BOP from 3M# to 5M#. SWIFN. Load to recover 180 BW.
DC: \$1,917



**EQUITABLE RESOURCES
 ENERGY COMPANY**
 BALCRON OIL DIVISION
 1601 Laredo Avenue
 P.O. Box 31017
 Billings, MT 59104-1017

TREATMENT REPORT

Date of Treatment: 2-3-94
 Well Name Monument FED. 34-105 SEC. 10 TWN. 9.5 RNG. 16 E
 Field Monument Butte County Duchesne State Utah
 Formation/Perforations: Green River / 4700-11

Treatment type: HCL BREAK DOWN Total Number of Holes: 22
 Treatment Company: WESTERN

| Volume | Fluid | Conc. | Sand Characteristics | |
|------------|-------|-------|----------------------|---------|
| | | | Size | Volume |
| _____ Gal. | _____ | _____ | _____ | _____ # |
| _____ Gal. | _____ | _____ | _____ | _____ # |
| _____ Gal. | _____ | _____ | _____ | _____ # |
| _____ Gal. | _____ | _____ | _____ | _____ # |
| _____ Gal. | _____ | _____ | _____ | _____ # |
| _____ Gal. | _____ | _____ | _____ | _____ # |
| _____ Gal. | _____ | _____ | _____ | _____ # |
| _____ Gal. | _____ | _____ | _____ | _____ # |
| _____ Gal. | _____ | _____ | _____ | _____ # |
| _____ Gal. | _____ | _____ | _____ | _____ # |
| _____ Gal. | _____ | _____ | _____ | _____ # |

TOTAL FLUID PUMPED: 500 gal. HCL 15% Acid fluid
 _____ gal.

TOTAL SAND VOL. : _____ lbs. 1 sand
 _____ lbs. 1 sand
 _____ lbs. 1 sand
 _____ lbs. 1 bauxite

Flushed well with 672 gal. of 2% HCL WATER
44 ball sealers were pumped. Was ball action seen? 44/11/4 HCL
 Barrels of Load to Recover 34 BLTR.

Avg. Treating Pressure = 2000 psi, max = 2400 psi, min = 1100 psi.
 Avg. Treating Rate = 3.0 bpm, max = 4.0 bpm, min = 2.2 bpm;
 ISIP = 1100 psi, 5 min. = _____ psi, 10 min. = _____ psi, 15 min. = _____ psi.
 Well will be shut in for 0 hrs. before bringing back fluid.

REMARKS: NO SPOT ACID AT PKR, SET PKR.
INITIAL BREAK AT 2400 PSI AT 1.6 BPM, BACK TO 1000 PSI AT 2.2 BPM
SURGE BALLS OFF, PUMP FOR RATE, 6.5 BPM AT 2400 PSI

DAILY OPERATING REPORTBALCROON MONUMENT FEDERAL #34-10J

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

2-3-94 Completion
Csg - vac. RU Schlumberger to run Gamma Ray Trace on
4865'-72' & 5015'-19', log from 5064' to 4750' KB.
Perforate 4700'-4711' KB (2 SPF). RD Schlumberger. TIH
w/retrieving head, 2-7/8" x 4' sub, 5-1/2" HD packer, SN,
& 2-7/8" tbg retrieve BP. Reset BP @ 4764' KB, EOT @
4671' KB, packer @ 4664' KB. RU Western to break down
4700'-11' perms refer to treatment report. RD Western.
Made 7 swab runs, recovered 42 BW, trace of oil. TOOH
w/tbg, packer & retrieving tool. SWIFD. Load to recover
- 172 BW.
DC: \$5,273

Jonah Unit Partners
Daily Report.

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #34-10J

Location: SW SE Section 10, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

- 2-2-94 Completion
CP - 0, TP - 2 psi. Tag fluid @ 1400' from surface, 1 $\frac{1}{2}$ oil first run. Made 20 swab runs. Recovered 120 bbls fluid, 1 BO, 119 BW gas-cut. Last 2 runs, no sand 5 $\frac{1}{2}$ oil. Final fluid level 3700'. Release packer, tag sand @ 5037' KB, circ down to 5077' KB. TOOH w/tbg, SN, packer, sub & retrieving tool. Change out well head flange & BOP from 3M# to 5M#. SWIFN. Load to recover 180 BW.
DC: \$1,917
- 2-3-94 Completion
Csg - vac. RU Schlumberger to run Gamma Ray Trace on 4865'-72' & 5015'-19', log from 5064' to 4750' KB. Perforate 4700'-4711' KB (2 SPF). RD Schlumberger. TIH w/retrieving head, 2-7/8" x 4' sub, 5-1/2" HD packer, SN, & 2-7/8" tbg retrieve BP. Reset BP @ 4764' KB, EOT @ 4671' KB, packer @ 4664' KB. RU Western to break down 4700'-11' perfs refer to treatment report. RD Western. Made 7 swab runs, recovered 42 BW, trace of oil. TOOH w/tbg, packer & retrieving tool. SWIFD. Load to recover - 172 BW.
DC: \$5,273
- 2-4-94 Completion
RU Western to frac - frac rescheduled for 2-7-94 due to equipment trouble.
DC: \$1,115

Page 1 of 2

Balcron Oil
DAILY OPERATING REPORT

DATE: 2/8/94

BALCRON OPERATED

BALCRON MONUMENT FEDERAL #21-15J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: NE NW Section 15, T9S, R16E
Duchesne County, UtahProspect: Jonah Unit / Monument Butte
PTD: 5,800' Green River Oil - Dev.

---TIGHT HOLE---

2-7-94 Well was spud by Leon Ross Air Drilling at 11 a.m. 2-7-94.

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

2-7-94 Completion
RU Western to frac 4700'-11' refer to treatment report. RD
Western. SWIFN.
DC: \$21,053

COPY TO:

M.B. Auer
J. Balkenbush

H.J. Damstrom
R.A. Schalla

ENGINEERING
GEOLOGY
LAND

TELECOPY TO:

D.L. Bole
J.A. Townsend
at EREC

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #34-10J

Location: SW SE Section 10, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

- 2-2-94 Completion
 CP - 0, TP - 2 psi. Tag fluid @ 1400' from surface, 1 $\frac{1}{2}$ oil first run. Made 20 swab runs. Recovered 120 bbls fluid, 1 BO, 119 BW gas-cut. Last 2 runs, no sand & oil. Final fluid level 3700'. Release packer, tag sand @ 5037' KB, circ down to 5077' KB. TOOH w/tbg, SN, packer, sub & retrieving tool. Change out well head flange & BOP from 3M# to 5M#. SWIFN. Load to recover 180 BW.
 DC: \$1,917
- 2-3-94 Completion
 Csg - vac. RU Schlumberger to run Gamma Ray Trace on 4865'-72' & 5015'-19', log from 5064' to 4750' KB. Perforate 4700'-4711' KB (2 SPF). RD Schlumberger. TIH w/retrieving head, 2-7/8" x 4' sub, 5-1/2" HD packer, SN, & 2-7/8" tbg retrieve BP. Reset BP @ 4764' KB, EOT @ 4671' KB, packer @ 4664' KB. RU Western to break down 4700'-11' perfs refer to treatment report. RD Western. Made 7 swab runs, recovered 42 BW, trace of oil. TOOH w/tbg, packer & retrieving tool. SWIFD. Load to recover - 172 BW.
 DC: \$5,273
- 2-4-94 Completion
 RU Western to frac - frac rescheduled for 2-7-94 due to equipment trouble.
 DC: \$1,115
- 2-7-94 Completion
 RU Western to frac 4700'-11' refer to treatment report. RD Western. SWIFN.
 DC: \$21,053
- 2-8-94 Completion
 CP - 360 psi. TIH w/retrieving tool, one 2-7/8" x 4' sub, one 2-1/2 x 5-1/2" packer, one sSN & 146 jts 2-7/8" tbg. Tag sand @ 4526' KB. Circ down to 4764' KB (BP), set packer @ 4664' KB. Made 16 swab runs. Recovered 96 BW, trace oil gas-cut. Final fluid level 2900'. Last 2 runs, no sand. Release packer, tag sand @ 4750' KB, circ down to 4764' KB, release BP. TOOH w/153 jts 2-7/8" tbg, packer 4' sub, retrieving tool & RBP. SWIFN. Load to recover 532 BW.
 DC: \$2,144

DAILY OPERATING REPORTBALCORN MONUMENT FEDERAL #34-10J

Location: SW SE Section 10, T9S, R16E
 Duchesne County, Utah

---TIGHT HOLE---

2-9-94 Completion

TIH w/production string (tbg) as follows:

| | <u>LENGTH</u> | <u>DEPTH KB</u> |
|----------------------------------|---------------|-----------------|
| 1 JT 2-7/8" EUE J-55 8rd 6.5# | 31.20' | 5099.30' |
| 1 perf sub 2-7/8" x 3' | 3.20' | 5068.10' |
| 1 seat nipple | 1.10' | 5064.90' |
| 163 jts 2-7/8" EUE J-55 8rd 6.5# | 5063.80' | 5063.80' |
| Drilling rig KB | 10.00' | |

ND BOP, NU wellhead. TIH w/production string (rods) as follows:

1 BHP 2-1/2" x 1-1/2" x 16' RWAC w/PA plunger, pump #1037 (TRICO).

201 3/4" x 25' plain rods D-61 (TRICO)

Two 3/4" x 8' pony

One 1-1/4" x 22' polish rod (SM) (TRICO).

Clamp rods off, pressure test tbg & BHP to 1000 psi - OK. RDMO.

Load to recover 532 BW.

DC: \$9,618

Page 1 of 1

Balcron Oil
DAILY OPERATING REPORT

DATE: 2/16/94

****JONAH UNIT PARTNERS' REPORT******BALCRON MONUMENT FEDERAL #21-15J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: NE NW Section 15, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

2-16-94 TD: 5,600' (785') Day 6
Formation: Blue Zone
MW 8.4 VIS 26
Present Operation: Drilling
Drill, survey, & clean on rig.
DC: \$10,603 CC: \$105,864

BALCRON MONUMENT FEDERAL #34-10J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SE Section 10, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

2-16-94 Completion
Start unit pumping @ 3 SPM, 87" stroke. Pumping Unit: Lufkin LM-228D-213-86T, S/N - B129375A 525080. Engine: AJAX E-42, S/N 73437 (Karst). Tanks: NATCO 400 bbl API 12' x 20' w/burners, S/N - 76002090-01, S/N - 76002090-02. Load to recover 532 BW.
DC: \$37,530



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

February 15, 1994

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

FEB 17 1994

Gentlemen:

RE: Balcron Monument Federal #34-10J
SW SE Section 10, T9S, R17E
Duchesne County, Utah ^{T6E}

Enclosed is our sundry notice reporting first production on the subject well.

Please feel free to contact me if you need any additional information.

Sincerely,

Molly Conrad

Molly M. Conrad
Operations Secretary

/mc

Enclosure

cc: State of Utah, Division of Oil, Gas, & Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcon Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE Section 10, T9S, R16E

592' ESL, 1979.2' FEL

5. Lease Designation and Serial No.

U-017985

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcon Monument Federal #34-10J

9. API Well No.

43-013-31416

10. Field and Pool, or Exploratory Area
Monument Butte/ Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>Report of First Production</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

First production on this well was on 2-15-94 at 9:30 a.m.

FEB 17 1994

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

Coordinator of Environmental and
Regulatory Affairs

Date

2-15-94

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcon Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE Section 10, T9S, R16E

592' ESL, 1979.2' FEL

5. Lease Designation and Serial No.

U-017985

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcon Monument Federal #34-10J

9. API Well No.

43-013-31416

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Site Security Diagram
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Site Security Diagram for this well.

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Title

Coordinator of Environmental and
Regulatory Affairs

Date

3-1-94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

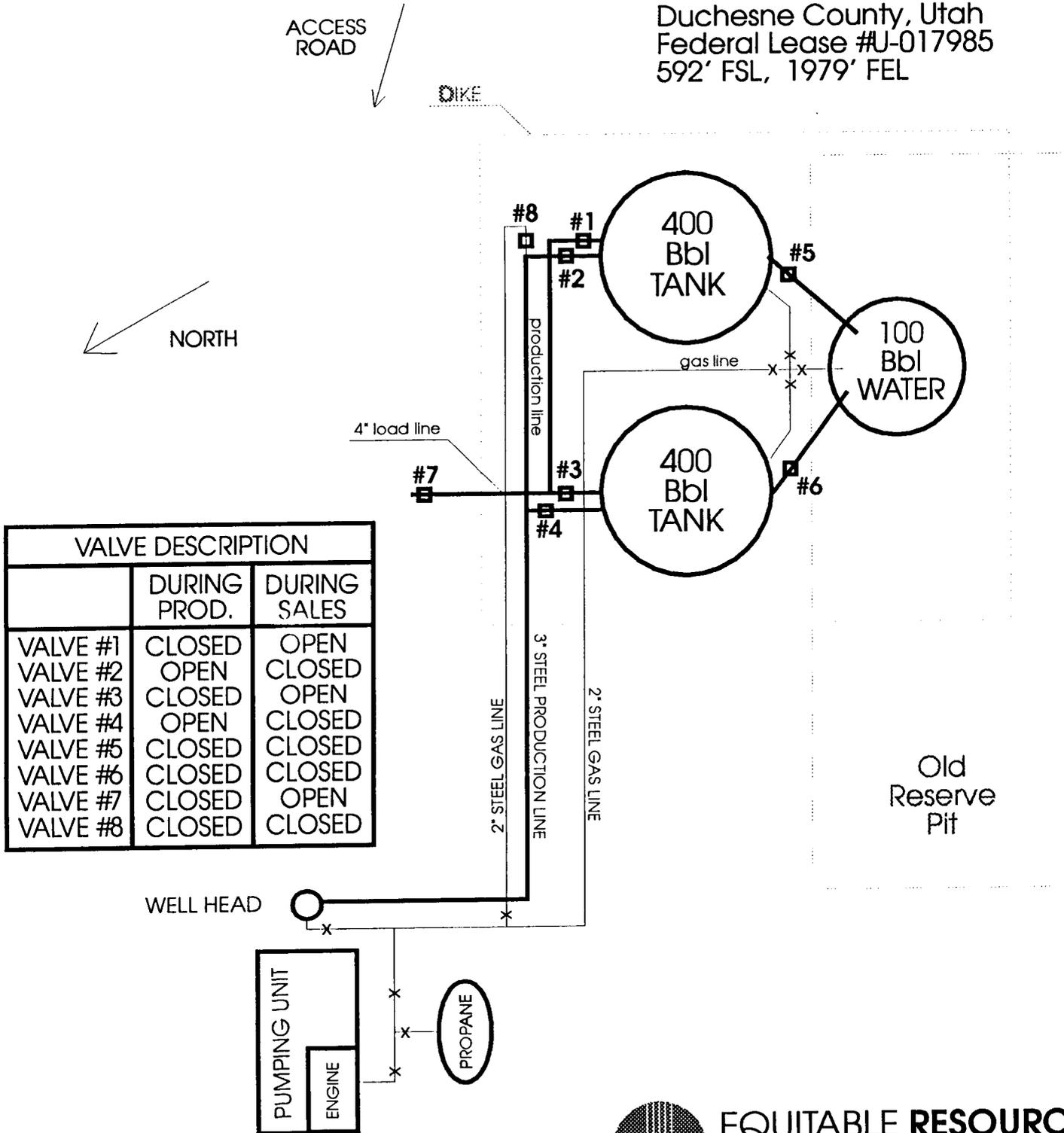
Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Equitable Resources Energy Co. Company
 Balcron Monument Federal 34-10J
 Production Facility Diagram

Balcron Monument Federal 34-10J
 SW SE Sec. 10, T9S, R16E
 Duchesne County, Utah
 Federal Lease #U-017985
 592' FSL, 1979' FEL



| VALVE DESCRIPTION | | |
|-------------------|--------------|--------------|
| | DURING PROD. | DURING SALES |
| VALVE #1 | CLOSED | OPEN |
| VALVE #2 | OPEN | CLOSED |
| VALVE #3 | CLOSED | OPEN |
| VALVE #4 | OPEN | CLOSED |
| VALVE #5 | CLOSED | CLOSED |
| VALVE #6 | CLOSED | CLOSED |
| VALVE #7 | CLOSED | OPEN |
| VALVE #8 | CLOSED | CLOSED |



EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
 P.O. Box 21017
 Billings, MT 59104-1017
 (406) 259-7860

DIAGRAM NOT TO SCALE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to different depths
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

MAR 1994

OF OIL, GAS & MINING

5. Lease Designation and Serial No.

U-017985

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Federal #34-10J

9. API Well No.

43-013-31416

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE Section 10, T9S, R16E 592' FSL, 1979.2' FEL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input checked="" type="checkbox"/> Other <u>Onshore Order #7</u> |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location for the Vernal Bureau of Land Management.

14. I hereby certify that the foregoing is true and correct

Signed Dobbie Schuman

Title Coordinator of Environmental and Regulatory Affairs

Date 3-1-94

(This space for Federal or State office use)

Approved by _____

Title _____

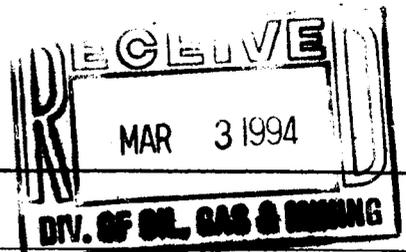
Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)



1. Well name and number: Balcron Monument Federal #34-10J
 API number: 43-013-31416
2. Well location: QQ SW SE section 10 township 9S range 16E county Duchesne
3. Well operator: Equitable Resources Energy Company, Balcron Oil Division
 Address: P.O. Box 21017 phone: (406) 259-7860
Billings, MT 59104
4. Drilling contractor: Union Drilling
 Address: Drawer 40 phone: (304) 472-4610
Buckhannon, WV 26201

5. Water encountered (continue on reverse side if necessary)

| Depth | | Volume (flow rate or head) | Quality (fresh or salty) |
|-------|----|--|-----------------------------|
| from | to | | |
| | | No measurable water reported during drilling operations. | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

6. Formation tops: See Geologic Report submitted separately.

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman Signature Bobbie Schuman
 Title Coordinator of Environmental and Date 3-1-94
Regulatory Affairs

Comments:

(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DATE*

Budget Bureau No. 1004-0137
Expires August 31, 1985

other in-
structions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

U-017985

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

Jonah Unit

8. FARM OR LEASE NAME

Balcon Monument Federal

WELL NO.

#34-10J

FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

SEC. T., R., N., OR BLOCK AND QUARTER,
OR AREA

SW SE Section 10, T9S R16E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESERV. Other _____

CONFIDENTIAL

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcon Oil Division

3. ADDRESS OF OPERATOR

P.O. Box 21017, Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any applicable regulations)

At surface 592' FSL, 1979.2' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-013-31416

DATE ISSUED

11-22-93

12. COUNTY OR PARISH

Duchesne

13. STATE

UTAH

15. DATE SPUDDED

1-12-94

16. DATE T.D. REACHED

1-25-94

17. DATE COMPL. (Ready to prod.)

2-15-94

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*

5717.7' GL

19. ELEV. CASINGHEAD

n/a

20. TOTAL DEPTH, MD & TVD

5850'

21. FLUG, BACK T.D., MD & TVD

5787.04'

22. IF MULTIPLE COMPL., HOW MANY*

n/a

23. INTERVALS DRILLED BY

Sfc - TD

ROTARY TOOLS

n/a

CABLE TOOLS

n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4700' - 5019'

Green River

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DL - MSFL - LDT - CNL mud 1-26-94

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---------------------------------------|---------------|
| 8-5/8" | 24# | 274' KB | 12-1/4" | 150 sxs Class "G" + additives | n/a |
| 5-1/2" | 15.5# | 5832.04' KB | 7-7/8" | 110 sxs HiLift and 290 sxs Class "G". | n/a |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| n/a | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2-7/8" | 5099.3' KB | n/a |

31. PERFORATION RECORD (Interval, size and number)

5015'-19' (2 SPF)
4865'-72' (1 SPF)
4700'-11' (2 SPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|--|
| 5019' - 4865' | 32,000# 16/30 sand in 311 bbls 2% KCL wtr; 1500 gallons 15% HCL. |
| 4700' - 4711' | 35,720# 16/30 sand in 429 bbls 2% KCL wtr. |

33. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) | | | | | |
|-----------------------|--|------------------------------------|-------------------------|----------|------------|-------------------------|---------------|
| 2-15-94 | 1-1/2" Insert Pump | Producing | | | | | |
| DATE OF TEST | HOURS TESTED | CHOKS SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
| 2-20-94 | 24 | n/a | → | 43 | 172 | 7 | 4 |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| n/a | n/a | → | 43 | 172 | 7 | 34 | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Used for fuel.

TEST WITNESSED BY

Dale Griffin

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Coordinator of Environmental and

SIGNED Robbie Schuman

TITLE Regulatory Affairs

DATE 3-1-94

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP | |
|-----------|-----|--------|--|---|-------------|------------------|
| | | | | | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | <p>No DST's run.</p> <p><i>requested</i> →</p> | <p>See Geologic Report submitted separately</p> | | |



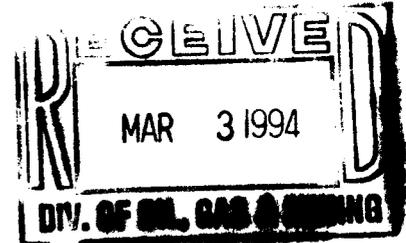
**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

March 1, 1994



Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Balcron Monument Federal #34-10J
SW SE Section 10, T9S, R16E
Duchesne County, Utah

Enclosed are the following items for the referenced well:

Well Completion Report
Site Security Diagram (Sundry Notice)
Onshore Order 7 Disposition of Produced Water
(Sundry Notice)

Please feel free to contact me if you need any additional information.

Sincerely,

Molly Conrad
Molly M. Conrad
Operations Secretary

/mc

Enclosure

cc: State of Utah, Division of Oil, Gas, & Mining -
Also enclosed is the Report of Water Encountered
Form 7

UTAH DIVISION OF OIL, GAS AND MINING
COMPLIANCE INSPECTION RECORD

INSPECTOR: DENNIS

OPERATOR NAME: EQUITABLE RESOURCES LEASE: FEDERAL

WELL NAME: MONUMENT FEDERAL 34-10J API: 43-013-31416

SECTION: 10 TOWNSHIP: 9S RANGE: 16E

COUNTY: DUCHESNE

NON COMPLIANCE: OPEN RESERVE PIT

DATE ASSIGNED: 4/8/94

DEADLINE: 4/8/95

DATE COMPLETED: _____

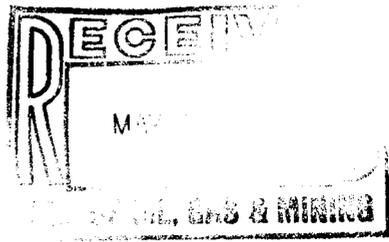
ACTION REQUIRED: FIELD CHECK

PER INSPECTION-3/23/94-RESERVE PIT STILL OPEN.

ACTION TAKEN:

RESERVE PIT RECLAMATION IS COMPLETED - IS NOW CONTOURED
TO MATCH SURROUNDING TO PO. 1-130 BBL SUBSURFACE PIT
TANK w/ DETECTION SYSTEM IN PLACE - LOOKS GOOD.

INSPECTOR: *Dennis Lynn* DATE: 5/9/94



**UTAH DIVISION OF OIL, GAS AND MINING
EQUIPMENT INVENTORY**

Operator: EQUITABLE RESOURCES COMPANY Lease: State: _____ Federal: Y
Indian: _____ Fee: _____

Well Name: MONUMENT FEDERAL #34-10J API Number: 43-013-31416
Section: 10 Township: 9S Range: 16E County: DUCHESNE Field:
MONUMENT BUTTE
Well Status: POW Well Type: Oil: Y Gas: _____

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY: _____

Y Well head _____ Boiler(s) _____ Compressor _____ Separator(s)
_____ Dehydrator(s) _____ Shed(s) _____ Line Heater(s) _____ Heated
Separator
_____ VRU _____ Heater Treater(s)

PUMPS:
_____ Triplex _____ Chemical _____ Y Centrifugal

LIFT METHOD:
Y Pumpjack _____ Hydraulic _____ Submersible _____ Flowing

GAS EQUIPMENT:
N Gas Meters N Purchase Meter N Sales Meter

| TANKS: | NUMBER | SIZE |
|--------|------------------------------|---|
| | <u>Y</u> Oil Storage Tank(s) | <u>2-400 BARREL OIL W/BURNERS</u> BBLs |
| | <u>Y</u> Water Tank(s) | <u>1-150 OPEN TOP PIT TANK</u> BBLs |
| | _____ Power Water Tank | _____ BBLs |
| | _____ Condensate Tank(s) | _____ BBLs |
| | <u>Y</u> Propane Tank | _____ BBLs |

REMARKS: PUMNP JACK WITH GAS MOTOR RUNNING ON CASING HEAD GAS. NO SALES METERS
OR LINE. VENTING SMALL AMOUNT OF GAS AT PIT TANK.

Location central battery: Qtr/Qtr: _____ Section: _____ Township: _____
Range: _____

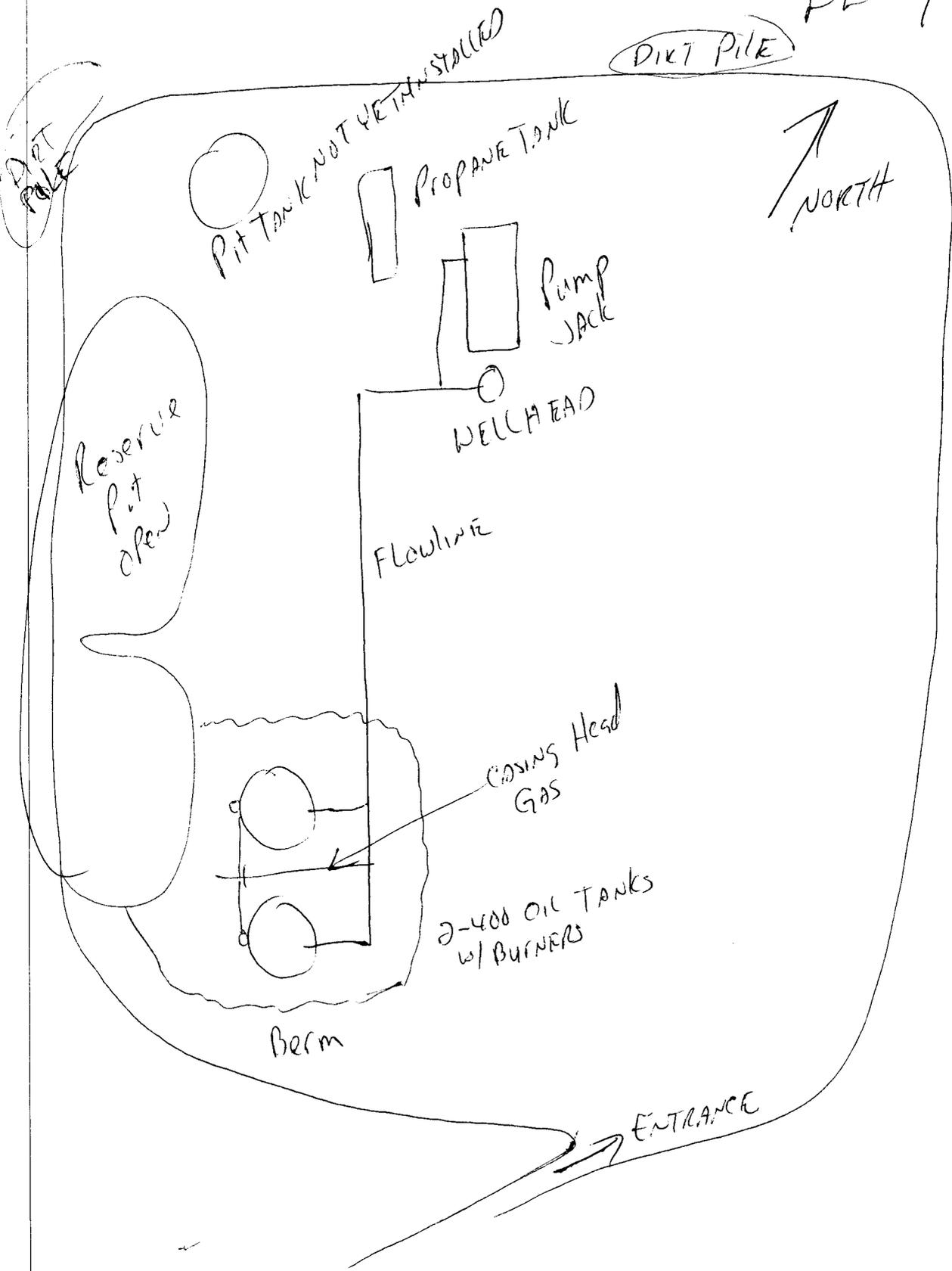
Inspector: DENNIS L. INGRAM Date: 3/23/94

EQUITABLE RESOURCES Co
MONUMENT FED # 34-10J
SEC 10 T9S R16E
POW

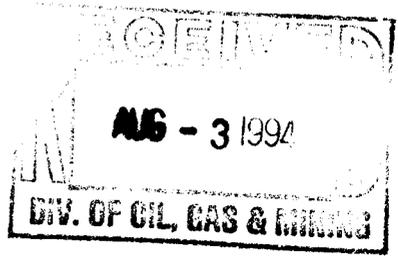
U-017985
43-013-31416

DeLago

42 381 50 SHEETS 5 SQUARE
42 382 100 SHEETS 5 SQUARE
42 383 200 SHEETS 5 SQUARE
NATIONAL



APPLICATION FOR INJECTION WELL - UIC FORM 1



OPERATOR Equitable Resources Energy Company,
Balcron Oil Division
ADDRESS P.O. Box 21017
Billings, MT 59104

Well name and number: Balcron Monument Federal #34-10J
Field or Unit name: Monument Butte Field/Jonah Unit Lease no. U-017985
Well location: QQ SW SE section 10 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . Yes No
Will the proposed well be used for: Enhanced Recovery? . . . Yes No
Disposal? Yes No
Storage? Yes No

Is this application for a new well to be drilled? Yes No

If this application is for an existing well,
has a casing test been performed on the well? Yes No
Date of test: _____
API number: 43-013- 31416

Proposed injection interval: from 4,700' to 5,019'
Proposed maximum injection: rate 600 BWPD pressure 2000 psig
Proposed injection zone contains oil, gas, and/or fresh water within 1/4 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: UIC Permit Application

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman Signature Bobbie Schuman
Title Regulatory and Environmental Specialist Date August 2, 1994
Phone No. (406) 259-7860

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

INJECTION PERMIT TRACKING RECORD

Company: Equinable Well: 34-10 J

Location: Sec. 10 Twn: 9S Rng: 16 E QtQt: SWSE

County: Duch. Field: Mm. Butte Unit: Jonah

API No.: 43-013-3146

Date Received: 8/3/94

Cause Number: _____

Notice Date: _____

Conversion Approval: _____

Permit Issued: _____

Commencement: _____

Drilled: Y

Code: E.

Hearing Date: _____

Wells In AOR: 4 P, 3 I, 1 PA

| | | | | |
|----|---------|---|-------|---------|
| P. | 44-10 | I | 14-11 | PA |
| | 31-15 | | 41-15 | 21-15 J |
| | 24-10 A | | 32-15 | |
| | 42-15 | | | |

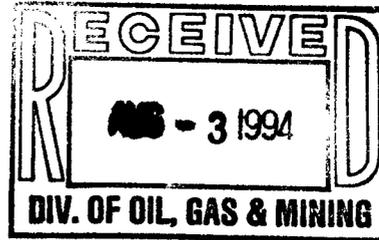


EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361



August 2, 1994

-- VIA FEDERAL EXPRESS --

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Mr. Jarvis:

Enclosed is a UIC permit for the sixteen wells on the attached list. An Affidavit certifying that a copy of the application has been sent to all operators, owners, and surface owners within a one-half mile radius of the proposed injection well will be sent to you as soon as the mailing has been completed.

If you have any questions or need additional information, please give either me or John Zellitti a call at (406) 259-7860.

Sincerely,

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosure

cc: John Zellitti
Ed Forsman, Vernal BLM (This is being sent for your information. If this needs to go to someone else, I would appreciate it if you would forward it. Thank you.)

Balcron Monument Federal #34-10J ✓
Balcron Monument Federal #12-11J ✓
Balcron Monument Federal #14-11J ✓
Balcron Monument Federal #23-11J ✓
Balcron Monument Federal #32-11J ✓
Walton Federal #34-11 ✓
Balcron Monument Federal #43-11J ✓
C & O Gov't. #4
Balcron Monument Federal #12-12J ✓
Balcron Monument Federal #14-12J
Balcron Monument Federal #32-12J
Balcron Monument Federal #21-14J
Balcron Monument Federal #41-14J
Balcron Monument Federal #23-15J
Balcron Monument Federal #32-15J
Balcron Monument Federal #41-15J

44-1 J

**Underground Injection Control(UIC)
Permit Application**

**Equitable Resources Energy Company, Balcron Oil Division
Jonah Unit Waterflood Phase II Expansion
Duchesne County, Utah**

2) Water will be pumped to the proposed water injection wells from an existing injection plant located in the SE NW Sec.6, T9S, R17E. A four-inch main water injection line has been installed which will feed water to the proposed water injection wells as per the approval of the Vernal BLM office. Several two-inch high pressure lateral water injection lines will be installed to the proposed water injection wells which are awaiting approval by the Vernal BLM office.

Note: The Jonah Unit Waterflood Phase II Expansion is an extension of the existing Monument Butte Section 6, T9S, R17E Waterflood which has been approved by the EPA and Utah OG&M under the EPA Area Permit UT2642-00000. A second EPA permit has been submitted which covers four proposed water injection wells in Sections 5 & 7, T9S, R17E.

B) MAPS AND PROJECT AREA FOR REVIEW.

1) Figure #1 (Including Figures #1a - #1q) - Jonah Unit Project Area Map.

A 1/2-mile radius "area for review" from each of the proposed injection wells in the prescribed area is outlined and identified on Figure #1a.

Figures #1b - #1q show the individual "areas for review" for each of the designated 16 injection wells in the proposed Jonah Unit Waterflood Phase II Expansion Area of Review.

2) Figure #2 - Jonah Unit Water Injection Facilities Map.

3) Figure #3 - Surface Ownership And Operators Map. A 1/2 mile radius from the proposed injection wells is outlined with all surface ownership and operators in the prescribed area identified. All surface and minerals within the Jonah Unit waterflood boundary are owned by the Bureau of Land Management.

Refer to Exhibit-A for a list of surface owners and operators within a 1/2 mile radius of the proposed water injection wells.

C) PROPOSED INJECTION WELL LOGS

1) All logs are on file with the Utah OG&M or will be submitted upon request.

D) WELL DATA AND INJECTION WELL COMPLETION DIAGRAMS

1) Refer to Exhibit-B for Well Reports and existing Well Completion Diagrams for the proposed water injection wells and surrounding wells.

2) Refer to Exhibit-C for proposed Injection Well Completion Diagrams for the proposed water injection wells.

3) It is proposed to inject water into multiple sands of the Douglas Creek Member of the Green River Formation. The proposed injection wells will be completed with packers set no more than 100' above the perforations and landed on tubing. The casing annulus will be filled with a protective corrosion inhibitor and the backside pressure will be monitored daily.

- 4) The proposed water injection wells will have mechanical integrity tests performed to insure confinement of the injection waters. The backsides will be pressured and monitored according to the specific instructions set forth by the Utah OG&M prior to water injection.
- E) **WATER SUPPLY FOR THE PROPOSED INJECTION WELLS**
- 1) Water for the Jonah Unit waterflood will be fresh potable water supplied by the Johnson Water Association out of Myton, Utah. The water will be piped from the Johnson facility approximately 7.5 miles through a six inch fiberglass supply line which is owned and operated by Balcron Oil. The source for this water supply is the Starvation Reservoir which is owned by the Bureau of Reclamation, Central Utah Project. The water is gathered from the Strawberry and Duchesne Rivers into the reservoir just west of the city of Duchesne, Utah and sold accordingly. The analysis for this water shows 300 mg/l choride and and 1429 mg/l TDS with a specific gravity of 1.00. Chemicals will be added to the water to reduce oxygen and to prevent corrosion and scaling. The proposed chemicals will be supplied by Champion Technologies and are identified as Scortron GR-72 and Cortron-178. Refer to Exhibit-D for the analysis of the proposed injection water.
 - 2) Water depletion of the Green River drainage has been addressed and approved by the National Fish & Wildlife Foundation for this water supply.
 - 3) As the waterflood progresses and water breakthrough occurs, it is proposed to inject the produced water back into the formation. Due to the fresh initial injection water, this produced water should also be relatively fresh. When it is time to inject this produced water the Utah OG&M will be notified via letter and a water analysis will be submitted.
- F) **GREEN RIVER FORMATION PRODUCED WATER**
- 1) The injection interval water quality is an analysis of the produced water from the Allen Federal #23-6. This well is perforated in most of the proposed injection sands and represents an average produced water sample. The analysis shows 14,000 mg/l chloride and 23,360 mg/l TDS. Refer to Exhibit-D for the produced water analysis report.
- G) **INJECTION WELL OPERATING DATA**
- 1) Average water injection volume of 250 STBWPD per well.
Maximum water injection volume of 600 STBWPD per well.
 - 2) Average estimated injection pressure of 1,810 psig.
Maximum estimated injection pressure of 2000 psig.
The injection pressures for the Jonah Unit waterflood are estimated by analogy with Balcron Oil's existing Monument Butte waterflood located in Sec.6, T9S, R17E, Duchesne County, Utah. This waterflood is injecting water into the same formation with similar reservoir conditions as the

proposed water injection wells. Refer to Exhibit-E for Section-6 injection data.

- 3) The annulus of the proposed injection wells will be filled with a protective corrosion inhibitor (Cortron R-2383) supplied by Champion Technologies, Inc. The recommended chemical will be mixed with fresh water at a concentration of two percent by volume. A diesel blanket of approximately one barrel will be placed on the backside to prevent the valves from freezing.

H) FORMATION FRACTURE DATA

- 1) The average fracture gradient for the Douglas Creek Member sands is 0.861 psig/ft. This is an average of all the frac gradients calculated from jobs performed in Sec.6, T9S, R17E. Refer to Exhibit-F for frac pressure and gradient data.
- 2) Calculations for the submitted frac gradients are based on the initial shut in pressures obtained from the frac jobs performed on the Allen Federal wells in Section 6. Most frac records show that the frac sand was displaced with 2% KCl water. The hydrostatic gradient for the 2% KCl water was calculated at 0.43836 psig/ft. This gradient was used to calculate the hydrostatic head of the KCl water and was added to the ISIP. The frac gradient was then calculated by dividing the sum of these pressures by the average of the perforation depth.

$$\text{Frac Gradient} = (\text{ISIP} + 0.43836 \text{ psig/ft}(\text{Depth}))/\text{Depth}$$

- 3) A four point injection test was performed on the existing Allen Federal #13-6 injection well which indicates a surface injection parting pressure of approximately 2080 psig. Refer to Exhibit-G for the results of the step rate test.
- 4) The present reservoir pressure is approximately 800 psig. This pressure is estimated from fluid levels and hot oiling operations.

I) GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES.

- 1) The flooding objectives of the proposed Jonah Unit waterflood are lenticular channel sandstones which are distributed throughout the Douglas Creek Member of the Green River Formation. These sands occur over 1500 feet of vertical section at an average depth range of 4050 feet to 5550 feet. They exhibit a fining upward grain size, typical of fluvial channel deposits, with an average thickness of 20 feet. Due to the multiple potential waterflood horizons in the Douglas Creek Member, Balcron Oil is requesting approval to inject water into any or all of the occurring sands within this interval.
- 2) The porosity of the injection sands averages approximately 14 %. The porosity is determined using compensated neutron/density porosity logs

and core analysis. The core analysis is from the Allen Federal #34-5, Paiute Federal #24-8, and Paiute Federal #34-8. These wells are located outside the Jonah Unit boundary; however, they represent similar reservoir conditions and depositional environment.

- 3) The permeability of the injection sands ranges from 0.01 to 18 md with an average of approximately 4.4 md.
- 4) For specific injection intervals please refer to the perforation intervals of each injection well outlined in the well reports and proposed injection well completion diagrams presented in Exhibit-B and Exhibit-C.

5) Estimated Formation Tops:

| | |
|----------------------------|---------------------|
| Uintah Formation | Surface to 1400 ft. |
| Green River Formation | 1400 ft to 5350 ft. |
| Douglas Creek Member | 4100 ft to 5350 ft. |
| Douglas/Wasatch Transition | 5350 ft to 6000 ft. |
| Wasatch Formation | 6000 ft. |

Note: The Douglas Creek interval is shown as a member within the Green River Formation.

- 6) The confining zones for the proposed injection interval consists of mixed continental and lacustrine shales. The Douglas Creek Member is primarily interbedded sand stringers and shale which will act as isolation barriers for the waterflood. The top confining zone is the shales of the Green River Formation and the bottom confining zone is the shales of the Wasatch Formation.
- J) MECHANICAL CONDITION OF WELLS
- 1) All wells within a 1/2 mile radius of the proposed water injection wells are completed in the Douglas Creek Member of the Green River Formation. All wells have been cased through the producing interval and cemented to a point well above the proposed water injection horizon. Refer to Exhibit-B for well reports and completion diagrams.
- K) NOTIFICATION TO SURFACE OWNERS AND OPERATORS
- 1) A copy of this water injection application will be provided to all surface owners and operators within a 1/2 mile radius of the proposed water injection wells. An Affidavit certifying such action will be sent to the Utah OG&M as soon as possible.

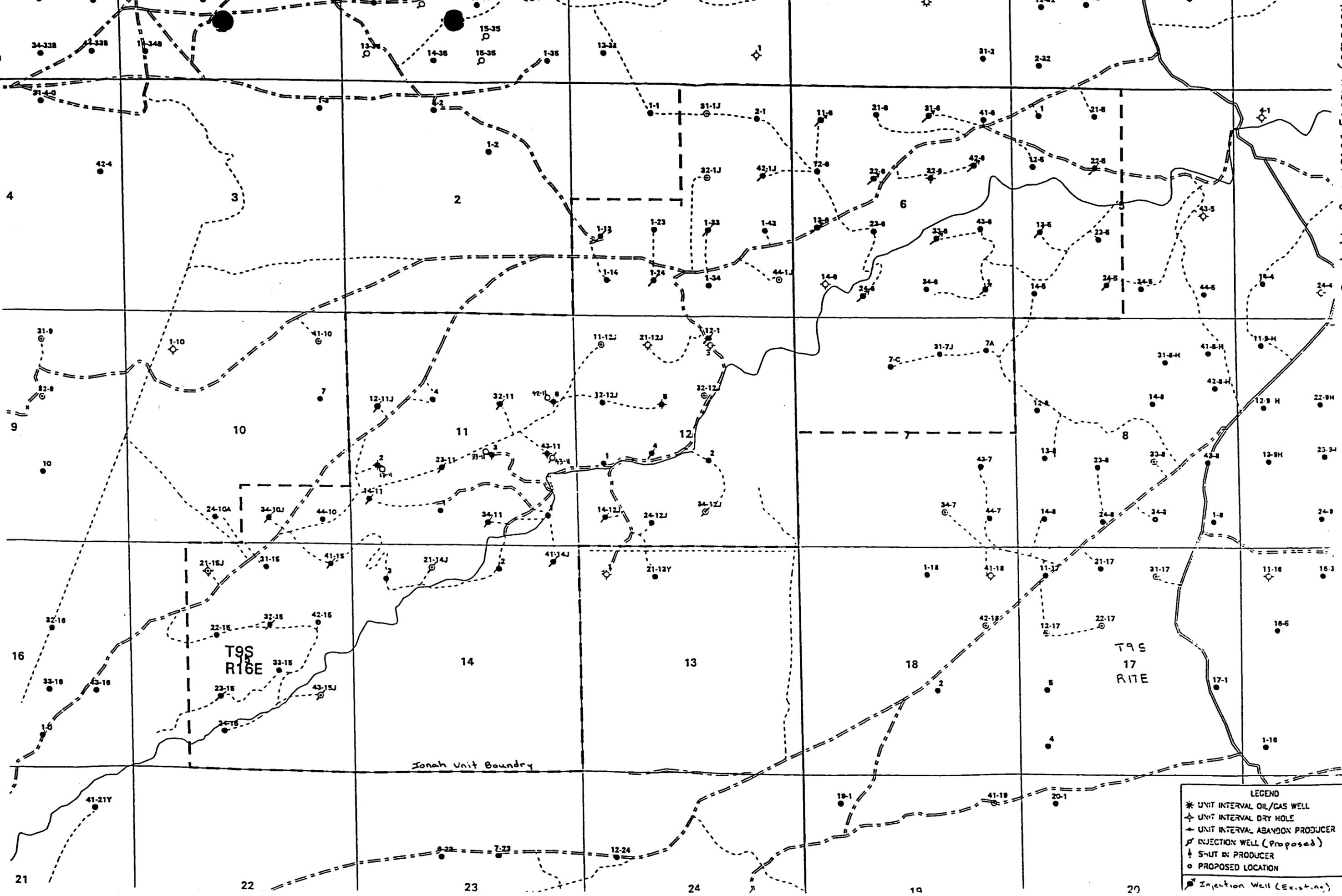
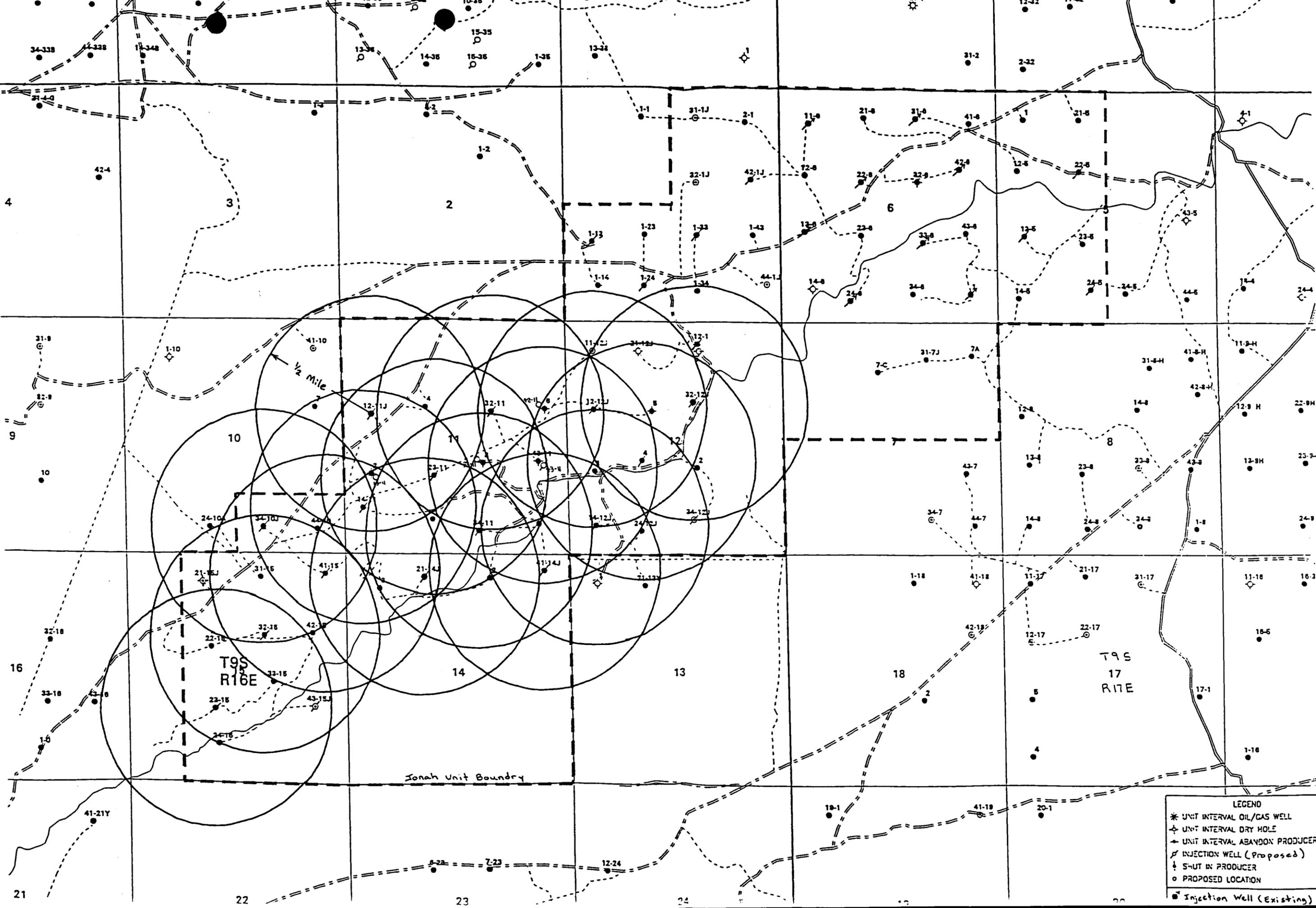


Figure-1

| LEGEND | |
|--------------------------|--------------------------------|
| * (circle with cross) | UNIT INTERVAL OIL/GAS WELL |
| + (circle with plus) | UNIT INTERVAL DRY HOLE |
| △ (circle with triangle) | UNIT INTERVAL ABANDON PRODUCER |
| ◻ (circle with square) | INJECTION WELL (Proposed) |
| ● (circle with dot) | S-UT IN PRODUCER |
| ○ (solid circle) | PROPOSED LOCATION |
| ◻ (circle with square) | Injection Well (Existing) |



4

10

16

21

3

10

16

22

2

11

14

23

6

12

18

24

5

8

17

20

1/2 Mile

T9S
R16E

T9S
R17E

Jonah Unit Boundary

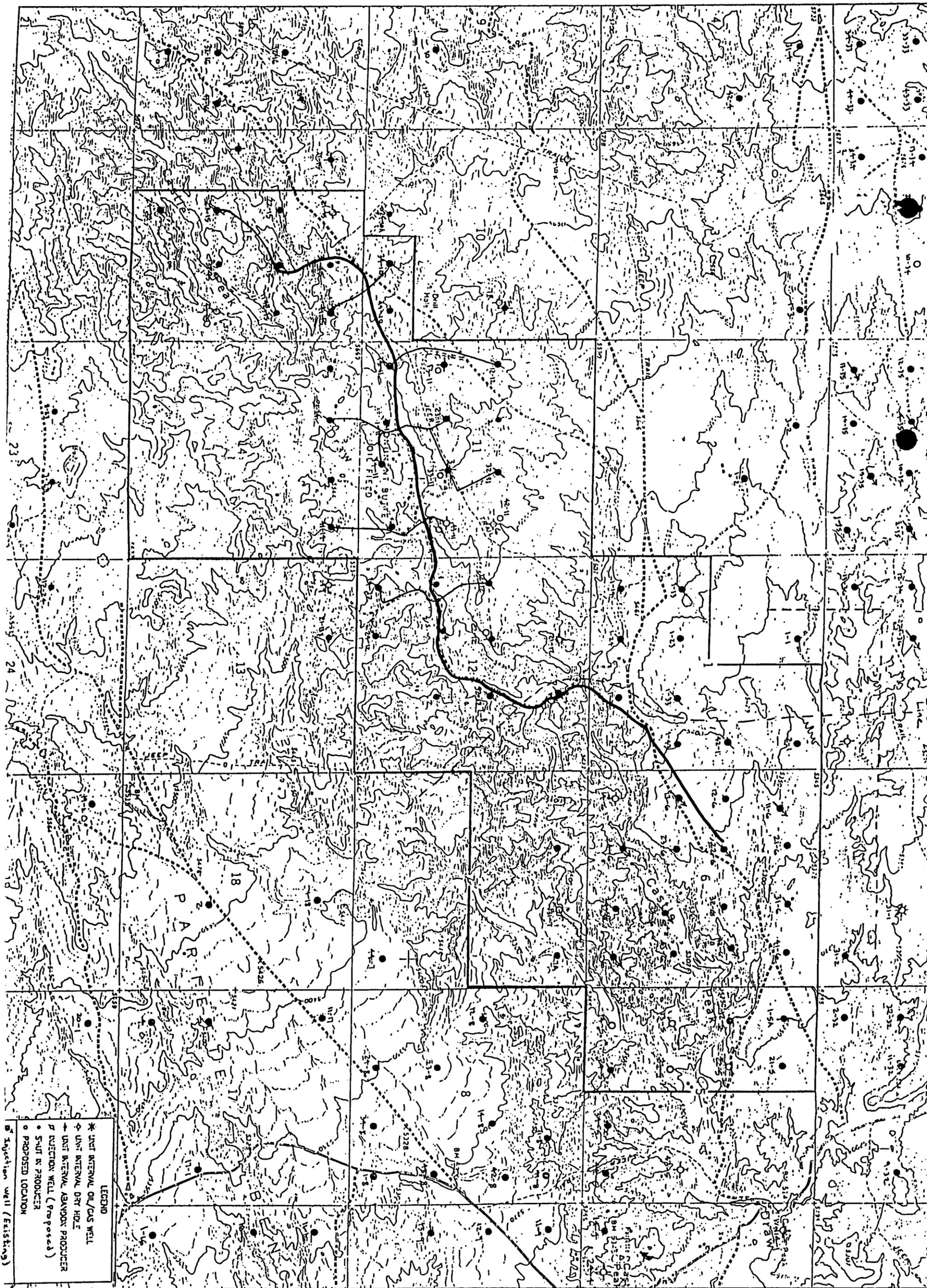
LEGEND

- * UNIT INTERVAL OIL/GAS WELL
- ⊕ UNIT INTERVAL DRY HOLE
- ⊖ UNIT INTERVAL ABANDON PRODUCER
- ⊕ INJECTION WELL (Proposed)
- ⊕ S-UT IN PRODUCER
- PROPOSED LOCATION
- ⊕ Injection Well (Existing)

Figure-1a

Exhibit - B
Well Data Sheets and Scout Cards

| <u>WELL</u> | <u>LOCATION</u> |
|-------------------------------|--------------------------|
| Monument Butte Fed. #1-14 | SW SW Sec. 1, T9S, R16E |
| Monument Butte Fed. #1-24 | SE SW Sec. 1, T9S, R16E |
| Monument Butte Fed. #1-34 | SW SE Sec. 1, T9S, R16E |
| Castle Peak Fed. #24-10A | SE SW Sec. 10, T9S, R16E |
| Castle Peak Unit #7 | SE NE Sec. 10, T9S, R16E |
| Castle Peak #7R | SE NE Sec. 10, T9S, R16E |
| Balcron Monument Fed. #34-10J | SW SE Sec. 10, T9S, R16E |
| Castle Peak Fed. #44-10 | SE SE Sec. 10, T9S, R16E |
| Balcron Monument Fed. #12-11J | SW NW Sec. 11, T9S, R16E |
| Walton Federal #4-11 | SE NW Sec. 11, T9S, R16E |
| Balcron Monument Fed. #32-11J | SW NE Sec. 11, T9S, R16E |
| Walton Federal #6 | SE NE Sec. 11, T9S, R16E |
| Balcron Monument Fed. #42-11J | SE NE Sec. 11, T9S, R16E |
| Goates Federal AT #2 | NW SW Sec. 11, T9S, R16E |
| Balcron Monument Fed. #13-11J | NW SW Sec. 11, T9S, R16E |
| Balcron Monument Fed. #23-11J | NE SW Sec. 11, T9S, R16E |
| Walton Federal #3 | NW SE Sec. 11, T9S, R16E |
| Balcron Monument Fed. #33-11J | NW SE Sec. 11, T9S, R16E |
| Walton Federal #43-11 | NE SE Sec. 11, T9S, R16E |
| Balcron Monument Fed. #43-11J | NE SE Sec. 11, T9S, R16E |
| Balcron Monument Fed. #14-11J | SW SW Sec. 11, T9S, R16E |
| Goates Federal #1-11 | SE SW Sec. 11, T9S, R16E |
| Walton Federal #34-11 | SW SE Sec. 11, T9S, R16E |
| Walton Federal #1-11 | SE SE Sec. 11, T9S, R16E |
| Balcron Monument Fed. #21-12J | NE NW Sec. 12, T9S, R16E |
| C & O Government #3 | NW NE Sec. 12, T9S, R16E |
| Getty Government #12-1 | NW NE Sec. 12, T9S, R16E |
| Balcron Monument Fed. #12-12J | SW NW Sec. 12, T9S, R16E |
| Walton Federal #5 | SE NW Sec. 12, T9S, R16E |
| Balcron Monument Fed. #22-12J | SE NW Sec. 12, T9S, R16E |
| Balcron Monument Fed. #32-12J | SW NE Sec. 12, T9S, R16E |
| C & O Government #1 | NW SW Sec. 12, T9S, R16E |
| C & O Government #4 | NE SW Sec. 12, T9S, R16E |
| C & O Government #2 | NW SE Sec. 12, T9S, R16E |
| Balcron Monument Fed. #14-12J | SW SW Sec. 12, T9S, R16E |
| Balcron Monument Fed. #24-12J | SE SW Sec. 12, T9S, R16E |
| USA Pan American F #1 | NW NW Sec. 13, T9S, R16E |
| Balcron Fed. #21-13Y | NE NW Sec. 13, T9S, R16E |
| Goates Federal #3-14 | NW NW Sec. 14, T9S, R16E |
| Balcron Monument Fed. #21-14J | NE NW Sec. 14, T9S, R16E |
| Walton Federal #2-14 | NW NE Sec. 14, T9S, R16E |
| Balcron Monument Fed. #41-14J | NE NE Sec. 14, T9S, R16E |
| Balcron Monument Fed. #21-15J | NE NW Sec. 15, T9S, R16E |
| Castle Peak Federal #31-15 | NW NE Sec. 15, T9S, R16E |
| Balcron Monument Fed. #41-15J | NE NE Sec. 15, T9S, R16E |
| Castle Peak Federal #22-15 | SE NW Sec. 15, T9S, R16E |
| Balcron Monument Fed. #32-15J | SW NE Sec. 15, T9S, R16E |
| Castle Peak Federal #42-15 | SE NE Sec. 15, T9S, R16E |
| Balcron Monument Fed. #23-15J | NE SW Sec. 15, T9S, R16E |
| Castle Peak Federal #33-15 | NW SE Sec. 15, T9S, R16E |
| Castle Peak Federal #24-15 | SE SW Sec. 15, T9S, R16E |
| Castle Peak Federal #43-16 | NE SE Sec. 16, T9S, R16E |



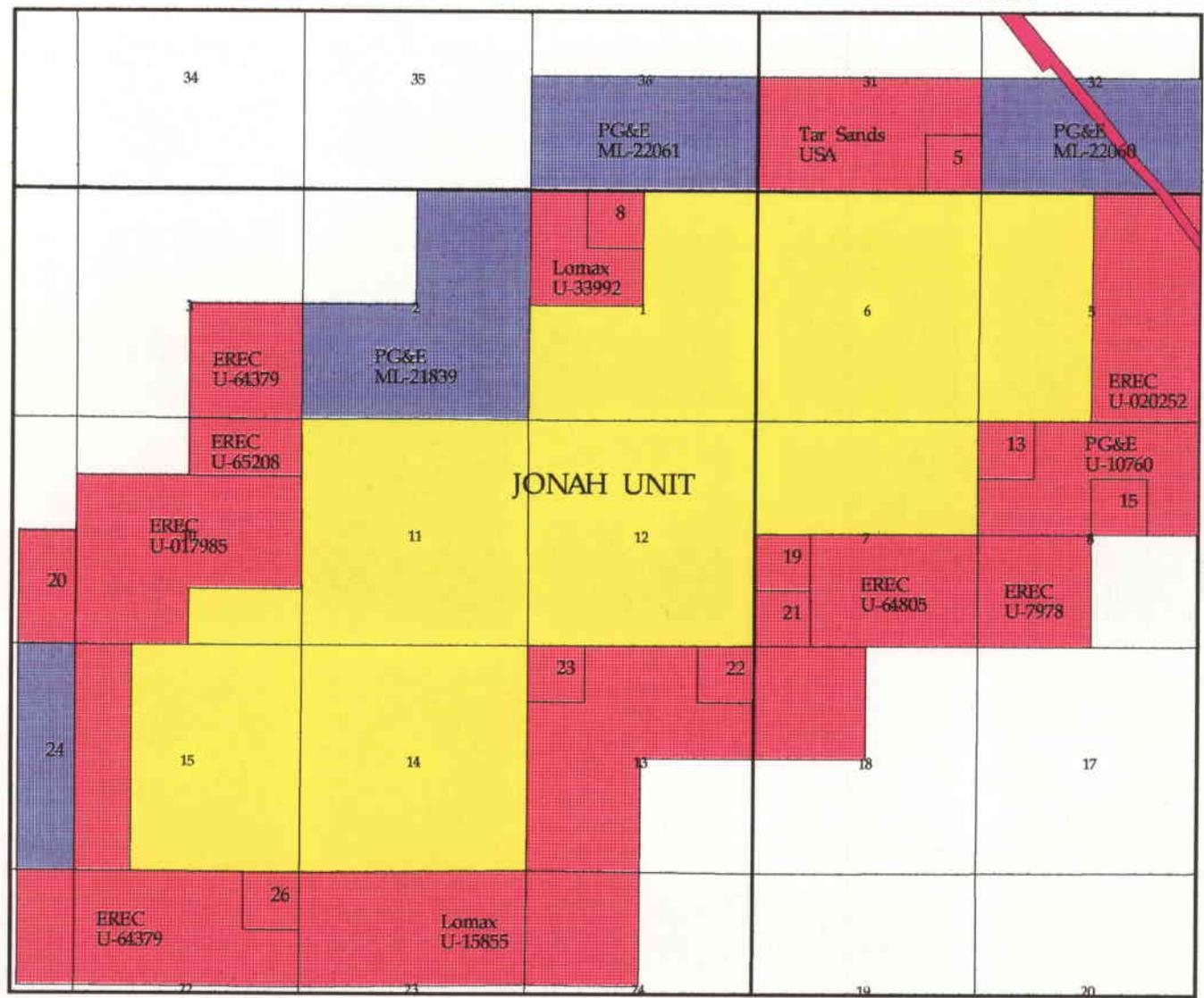
EREC Balcon Oil Division
 Topographic Map
 Jonah Unit
 Proposed Injection Lines
 6-7-94
 32

R16E

R17E

T8S

T9S



- 5 Wild Rose U-020433
- 8 PG&E U-40652
- 13 Texaco U-44426
- 15 F. Lieber U-10760
- 19 Texaco U-44426
- 20 EREC U-40894
- 21 EREC U-64381
- 22 Texaco U-44426
- 23 Texaco U-44426
- 24 Celsius ML-16532
- 26 J.Chasel U-65209

- State Surface
- Federal Surface
- Jonah Unit
- Fee Surface Patented Mining Claim

Equitable Resources Energy Company

Balcron Oil

Figure 3

Surface Ownership Operator Map

Duchesne County, Utah
 July 14, 1994
 Scale 1:48000



Exhibit - A
Surface Owners And Operators List
Jonah Unit Waterflood Phase II Expansion

44

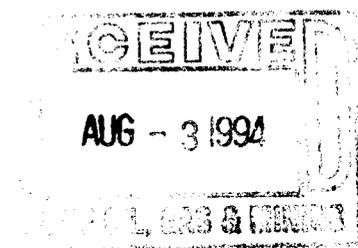
Surface Owners Within A 1/2 Mile Radius Of The Jonah Unit

- 1) State Of Utah
- 2) USA, Bureau Of Land Management

Oil And Gas Lease Operators Within A 1/2 Mile Radius Of The Jonah Unit

- 1) Equitable Resources Energy Company
- 2) Lomax Exploration Company, Inc.
- 3) Pacific Gas & Electric (PG&E)
- 4) Wild Rose Resources, Inc.
- 5) Texaco
- 6) F. Lieber
- 7) Celsius
- 8) J. Chasel

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| Figure #1c | 1/2-Mile Radius Review Area - Walton Federal #34-11 |
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List of Exhibits

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| Exhibit-B | Well Data Sheets and Scout Cards |
| Exhibit-C | Proposed Injection Well Completion Diagrams |
| Exhibit-D | Water Analysis Reports |
| Exhibit-E | Jonah Unit Section-6 Injection Data |
| Exhibit-F | Fracture Pressure And Gradient Data |
| Exhibit-G | Step Rate Injection Test Data |

Monument Butte Federal #1-14
 SW SW Sec.1, T9S, R16E
 Lease No. U-18399
 Monument Butte Field
 Duchesne County, Utah
 Jonah Unit

Balcron Oil
 3-31-94 JZ

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Wellbore Diagram

Elev.GR @ 5472'
 Elev.KB @ 5488' (16' KB)

SURFACE CASING

8 5/8", J-55, 24#
 8 jts @ 323'
 Landed @ 339' KB
 Cemented w/225 sx, Class G
 Hole Size @ 12 1/4"

339' KB -->

PRODUCTION CASING

5 1/2", J-55, 15.5#
 151 jts @ 5574'
 Landed @ 5590' KB
 Cemented w/325 sx, BJ Lite &
 500 sx, Class G
 Cement Top @ 1465' KB from CBL
 Hole Size @ 7 7/8"

TOC @ 1465'-->

TUBING RECORD

2 7/8", J-55, 6.5#
 135 jnts @ 4379'
 TA 2 7/8" x 2.35' Baker
 27 jnts @ 864'
 SN 2 7/8" x 1.1' (ID @ 2.25")
 Perf Sub 2 7/8" x 3'
 MA 2 7/8" x 32.5' w/NC
 Total String Length @ 5282'
 SN Landed @ 5262' KB

SUCKER ROD RECORD

1 - 22' x 1 1/4" Polished Rod (SM End)
 1 - 3/4" x 6' Pony
 209 - 3/4" x 25' Rods

PUMP SIZE: 2 1/2" x 1 1/2" x 16' RWAC
 w/ringed PA plunger.
 Trico Pump No.1029

STROKE LENGTH 86"

PUMP SPEED: 4.5 SPM
 PUMPING UNIT: Lufkin LM-228D-213-86T
 SN B129379A 525034
 ENGINE SIZE: Ajax E-42, SN 51384

FRAC JOB

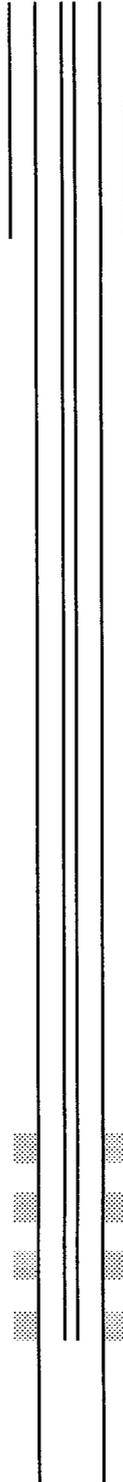
4485'- 4524', Frac w/Halliburton on 12/21/82.
 28000 gal X-linked gel w/137000 lbs 20-40 mesh
 sand. Avg 35 BPM @ 2305 psig, max @ 2470 psig,
 ISIP @ 2140 psig, 5 min @ 2030 psig, 10 min
 @ 1960 psig, 15 min @ 1920 psig.
 4772'- 4776', Frac w/Halliburton on 12/16/82.
 10500 gal X-linked gel w/45000 lbs 20-40 mesh
 sand. Avg 25 BPM @ 2183 psig, max @ 2400 psig,
 ISIP @ 1950 psig, 5 min @ 1820 psig, 10 min
 @ 1750 psig, 15 min @ 1740 psig.
 5250'- 5258', Frac w/Halliburton on 12/13/82.
 19000 gal X-linked gel w/50000 lbs 20-40 mesh
 sand. Avg 20 BPM @ 1730 psig, max @ 1840 psig,
 15 min SI @ 1070 psig.

PERFORATION RECORD

| | | |
|--------------------|-------|---------|
| 4485'- 4491' (6') | 1 SPF | YELLOW4 |
| 4514'- 4524' (10') | 1 SPF | YELLOW5 |
| 4772'- 4776' (4') | 4 SPF | RED1 |
| 5250'- 5258' (8') | 2 SPF | GREEN4 |

-- SN @ 5262' KB

PBTD @ 5540' KB
 TD @ 6200' KB



BALCRON OIL

WELL REPORT

WELL NAME: Monument Butte Federal #1-24
 FIELD: Monument Butte/Jonah Unit
 FEDERAL LEASE NO.: U-18399
 LOCATION: SE SW Sec.1,T9S,R16E
 COUNTY/STATE: Duchesne County,Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 2/2/83
 INITIAL PRODUCTION: 62 STBOPD, 75 MCFPD, 40 STBWP
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 1 STBOPD, 7 MCFPD
 ELEVATIONS - GROUND: 5459'
 TOTAL DEPTH: 6200' KB

DATE: 6-9-94 JZ
 API NO.: 43-013-30701

NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 12/11/82
 OIL GRAVITY: 34 API
 BHT: 136 Deg.F
 KB: 5474.5 (15.5' KB)
 PLUG BACK TD: 6120' KB

SURFACE CASING

PRODUCTION CASING

STRING: 1
 SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 lbs
 LENGTH: 7 jts @ 274'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 289' KB
 CEMENT DATA: 225 sx, Class G
 Cement to surface

STRING: 1 2
 SIZE: 5 1/2" 5 1/2"
 GRADE: J-55 J-55
 WEIGHT: 15.5 lbs 14 lbs
 LENGTH: 472' 5693'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 6170' KB
 CEMENT DATA: 480 sx, BJ Lite &
 650 sx, Class G
 CEMENT TOP AT: 1600' KB from CBL

TUBING RECORD

PERFORATION RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5#
 NO. OF JOINTS: 134 jts. @ 4163'
 TUBING ANCHOR: 2 7/8" x 5 1/2" x 4'
 NO. OF JOINTS: 48 jts. @ 1488'
 SEATING NIPPLE: 2 7/8" x 1.1'
 PERF. SUB: 2 7/8" x 4'
 MUD ANCHOR: 2 7/8" x 31'
 TOTAL STRING LENGTH: 5691'
 SN LANDED AT: 5672' KB

4205'- 4212' (7) 1 SPF YELLOW2
 4285'- 4287' (2) 1 SPF YELLOW3
 4299'- 4304' (5) 1 SPF YELLOW3
 4578'- 4586' (8) 2 SPF YELLOW6
 4767'- 4771' (4) 2 SPF RED1
 5219'- 5221' (2) 1 SPF GREEN3
 5245'- 5248' (3) 1 SPF GREEN4
 5835'- 5838' (3) 1 SPF BLUE4
 5928'- 5942' (14) 1 SPF BLUE4

SUCKER ROD RECORD

FRAC JOB

1 - 1 1/2" x 22' Polish Rod
 227 - 3/4" x 25' Plain & HBS Rods
 1 - 3/4" x 2' Pony HBS

4205'- 4304', Frac w/Halliburton on 1/25/83.
 51500 gal X-linked Gel w/142000 lbs 20-40
 sand. Avg. 30 BPM @ 2442 psig, max @ 2590 psig,
 ISIP @ 2230 psig, 5 min @ 1950 psig, 10 min
 @ 1860 psig, 15 min @ 1800 psig.
 4578'- 4586', Frac w/Halliburton on 1/19/83.
 22720 gal X-linked Gel w/57500 lbs 20-40
 sand. Avg. 26 BPM @ 2571 psig, max @ 2910 psig,
 ISIP @ 2220 psig, 5 min @ 2080 psig, 10 min @
 2030 psig, 15 min @ 2000 psig.
 4767'- 5221', Frac w/Halliburton on 1/14/83.
 26900 gal X-linked Gel w/61500 lbs 20-40
 sand. Avg. 35 BPM @ 2973 psig, max @ 3250 psig,
 ISIP @ 1970 psig, 5 min @ 1860 psig, 10 min @
 1780 psig, 15 min @ 1740 psig.
 5835'- 5942', Frac w/Halliburton on 1/9/83.
 36000 gal X-linked Gel w/89000 lbs 20-40
 sand. Avg. 30 BPM @ 2566 psig, max @ 2960 psig,
 ISIP @ 2020 psig, 5 min @ 1830 psig, 10 min @
 1770 psig, 15 min @ 1700 psig.

PUMP SIZE: 2 1/2" x 1 1/4" x 17' RHAC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: CMI 160

LOGS: Dual Induction-SFL, Schlumberger Cyberlook,
 Compensated Neutron-Formation Density,
 Cement Bond Log.

Monument Butte Federal #1-24
 SE SW Sec.1,T9S,R16E
 Lease No. U-18399
 Monument Butte Field
 Duchesne County,Utah
 Jonah Unit

BALCRON OIL
 7-18-94 ks 49

Wellbore Diagram

Elev.GR @ 5459'
 Elev.KB @ 5474.5' (15.5' KB)

SURFACE CASING

8 5/8", J-55, 24#
 7 jts @ 274'
 Landed @ 289'KB
 Cemented w/225 sx, Class G
 Cement to surface
 Hole Size @ 12 1/4"

289' KB -->

PRODUCTION CASING

5 1/2", J-55, 15.5# & 14#
 12 jts 15.5# @ 472'
 136 jts 14# @ 5693'
 Landed @ 6170'KB
 Cemented w/480 sx, BJ Lite &
 650 sx, Class G
 Cement Top @ 1600' from CBL
 Hole Size @ 7 7/8"

TOC @ 1600' -->

TUBING RECORD

2 7/8", J-55, 6.5#
 134 jts. @ 4163'
 Tbg Anchor - 2 7/8" x 5 1/2" x 4'
 48 jts. @ 1488'
 SN - 2 7/8" x 1.1'
 Perf. Sub - 2 7/8" x 4'
 Mud Anchor - 2 7/8" x 31'
 Total String Length @ 5691'
 SN Landed @ 5672' KB

SUCKER ROD RECORD

1 - 1 1/2" x 22' Polish Rod
 227 - 3/4" x 25' Plain & HBS Rods
 1 - 3/4" x 2' Pony HBS

PUMP SIZE: 2 1/2" x 1 1/4" x 17' RHAC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

FRAC JOB

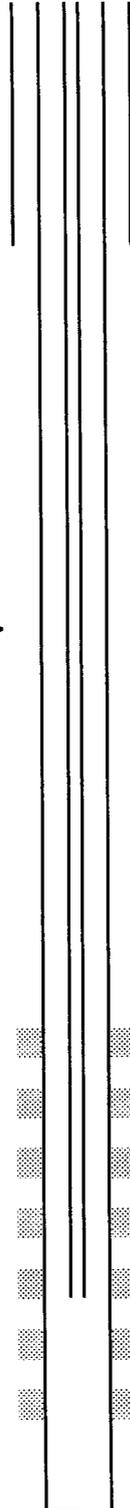
4205'-4304', Frac w/Halliburton on 1/25/83.
 51500 gal X-linked Gel w/142000 lbs 20-40
 sand. Avg. 30 BPM @ 2442 psig, max @ 2590 psig,
 ISIP @ 2230 psig, 5 min @ 1950 psig, 10 min
 @ 1860 psig, 15 min @ 1800 psig.
 4578'-4586', Frac w/Halliburton on 1/19/83.
 22720 gal X-linked Gel w/57500 lbs 20-40
 sand. Avg. 26 BPM @ 2571 psig, max @ 2910 psig,
 ISIP @ 2220 psig, 5 min @ 2080 psig, 10 min @
 2030 psig, 15 min @ 2000 psig.
 4767'-5221', Frac w/Halliburton on 1/14/83.
 26900 gal X-linked Gel w/61500 lbs 20-40
 sand. Avg. 35 BPM @ 2973 psig, max @ 3250 psig,
 ISIP @ 1970 psig, 5 min @ 1860 psig, 10 min @
 1780 psig, 15 min @ 1740 psig.
 5835'-5942', Frac w/Halliburton on 1/9/83.
 36000 gal X-linked Gel w/89000 lbs 20-40
 sand. Avg. 30 BPM @ 2566 psig, max @ 2960 psig,
 ISIP @ 2020 psig, 5 min @ 1830 psig, 10 min @
 1770 psig, 15 min @ 1700 psig.

PERFORATION RECORD

| | | |
|--------------------|-------|---------|
| 4205'- 4212' (7') | 1 SPF | YELLOW2 |
| 4285'- 4287' (2') | 1 SPF | YELLOW3 |
| 4299'- 4304' (5') | 1 SPF | YELLOW3 |
| 4578'- 4586' (8') | 2 SPF | YELLOW6 |
| 4767'- 4771' (4') | 2 SPF | RED1 |
| 5219'- 5221' (2') | 1 SPF | GREEN3 |
| 5245'- 5248' (3') | 1 SPF | GREEN4 |
| 5835'- 5838' (3') | 1 SPF | BLUE4 |
| 5928'- 5942' (14') | 1 SPF | BLUE4 |

<- SN Landed @ 5672" KB

PBTD @ 6120'KB
 TD @ 6200'KB



WELL NAME: Monument Butte Federal #1-34
 FIELD: Monument Butte
 FEDERAL LEASE NO.: U-52013
 LOCATION: SW SE Sec.1,T9S,R16E
 COUNTY/STATE: Duchesne County,Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 6/13/83
 INITIAL PRODUCTION: 65 STBOPD, 35 MCFPD, 0 STBWP
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 1 STBOPD, 8 MCFPD
 ELEVATIONS - GROUND: 5449'
 TOTAL DEPTH: 6200' KB

DATE: 4-4-94 JZ
 API NO.: 43-013-30736

NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 3/27/83
 OIL GRAVITY: 34 API
 BHT: 139 Deg.F
 KB: 5459' (10' KB)
 PLUG BACK TD: 6125' KB

SURFACE CASING

 STRING: 1
 SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs.
 LENGTH: 7 jts @ 290'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 300' KB
 CEMENT DATA: 225 sx Class G
 Cement to surface

PRODUCTION CASING

 STRING: 1 2
 SIZE: 5 1/2" 5 1/2"
 GRADE: J-55 J-55
 WEIGHT: 15.5 lbs. 14 lbs.
 LENGTH: 600' 5560'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 6170' KB
 CEMENT DATA: 300 sx BJ Lite &
 760 sx Class G
 CEMENT TOP AT: 1720' from CBL

TUBING RECORD

 SIZE/GRADE/WT.: 2 7/8", J-55, 6.5 lbs.
 NO. OF JOINTS: 148 jts @ 4681'
 TUBING ANCHOR: 2 7/8" x 4'
 NO. OF JOINTS: 39 jts @ 1232'
 SEATING NIPPLE: 2 7/8" X 1.1'
 PERF. SUB: 2 7/8" x 4'
 MUD ANCHOR: 2 7/8" x 31'
 TOTAL STRING LANDED: 5953'
 SN LANDED AT: 5928' KB

PERFORATION RECORD

 3367'- 3377' (10') 2 SPF Squeezed 6/11/83
 4764'- 4769' (5') 3 SPF
 5336'- 5360' (14') 2 SPF
 5898'- 5904' (6') 2 SPF
 5919'- 5925' (6') 2 SPF

SUCKER ROD RECORD

 1 - 1/14" x 16' Polish Rod
 228 - 3/4" x 25' Rods
 7 - 1 1/2" x 25' Sinker Bars

PUMP SIZE: 2 1/2" x 1 1/2" x 16' RHAC
 (CMI 160 serviced 10-15-92)
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

FRAC JOB

 4764'- 4769', Frac w/Halliburton on 6/5/83.
 32500 gal X-Link Gel w/86000 lbs 20-40 mesh
 sand. Avg. 15 BPM @ 2120 psig, max @ 2430 psig,
 ISIP @ 2260 psig, 15 min @ 2040 psig.
 5336'- 5360' Zone not fraced.
 5898'- 5925', Frac w/Halliburton on 4/23/83.
 57000 gal Versagel w/147000 lbs 20-40 mesh sand.
 Avg. 15 BPM @ 2027 psig, max @ 2470 psig,
 ISIP @ 2260 psig, 5 min @ 2110 psig, 10 min
 @ 2040 psig, 15 min 1980 psig.

LOGS: Cement Bond Log, Dual Induction-SFL, Temperature Survey Log,
 Electromagnetic Propagation, Synergetic Log.

Monument Butte Federal #1-34
 SW SE Sec.1, T9S, R16E
 Lease No. U-52013
 Monument Butte Field
 Duchesne County, Utah

BALCRON OIL 51
 7-18-94 ks

Wellbore Diagram

Elev.GR @ 5449'
 Elev.KB @ 5459' (10' KB)

SURFACE CASING

8 5/8", K-55, 24#
 7 jts @ 290'
 Hole Size - 12 1/4"
 Landed @ 300' KB
 Cemented w/225 sx Class G
 Cement to surface

300' KB -->

PRODUCTION CASING

5 1/2", J-55, 15.5# & 14#
 154 jts @ 6160'
 Hole Size - 7 7/8"
 Landed @ 6170' KB
 Cemented w/300 sx BJ Lite &
 760 sx Class G
 Cement top @ 1720' from CBL

TUBING RECORD

2 7/8", J-55, 6.5#
 148 jts @ 4681'
 Tubing Anchor - 2 7/8" x 4'
 39 jts @ 1232'
 SN - 2 7/8" X 1.1'
 Perf. Sub. - 2 7/8" x 4'
 Mud Anchor - 2 7/8" x 31'
 Total String Length @ 5953'
 SN Landed At 5928' KB

TOC @ 1720' -->

SUCKER ROD RECORD

1 - 1/14" x 16' Polish Rod
 228 - 3/4" x 25' Rods
 7 - 1 1/2" x 25' Sinker Bars

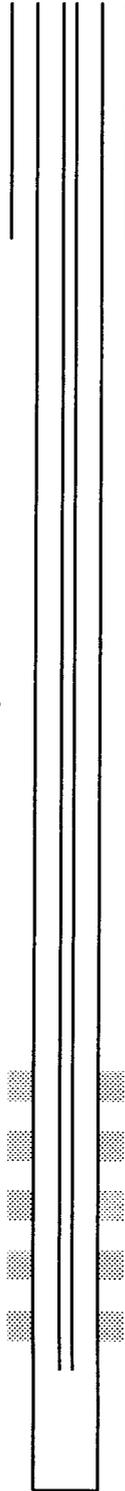
PUMP SIZE: 2 1/2" x 1 1/4" x 15 RHAC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

FRAC JOB

4764'- 4769', Frac w/Halliburton on 6/5/83.
 32500 gal X-Link Gel w/86000 lbs 20-40 mesh
 sand. Avg. 15 BPM @ 2120 psig, max @ 2430 psig,
 ISIP @ 2260 psig, 15 min @ 2040 psig.
 5336'- 5360' Zone not fraced.
 5898'- 5925', Frac w/Halliburton on 4/23/83.
 57000 gal Versagel w/147000 lbs 20-40 mesh sand.
 Avg. 15 BPM @ 2027 psig, max @ 2470 psig,
 ISIP @ 2260 psig, 5 min @ 2110 psig, 10 min
 @ 2040 psig, 15 min 1980 psig.

PERFORATION RECORD

3367'- 3377' (10') 2 SPF Squeezed 6/11/83
 4764'- 4769' (5') 3 SPF
 5336'- 5360' (14') 2 SPF
 5898'- 5904' (6') 2 SPF
 5919'- 5925' (6') 2 SPF



PBTB @ 6125'KB
 TD @ 6200'KB

WELL NAME: CASTLE PEAK FED. #24-10A
 FIELD: Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: SE SW Section 10, T9S, R16E
 COUNTY/STATE: Duchesne, UT
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 6/28/82
 INITIAL PRODUCTION: 47 STBOPD, 14 MCFPD, 0 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS:
 ELEVATIONS - GROUND: 5702'
 TOTAL DEPTH: 6021' KB

DATE: 3/19/93

API NO.: 43-013-30665

NET REVENUE INT.: 0.825

SPUD DATE: 5/20/82
 OIL GRAVITY: 30 API
 BHT: 135 Deg.F

KB: 5715' (13' KB)
 PLUG BACK TD: 5959' KB

SURFACE CASING

STRING: 1
 SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 32 lbs.
 LENGTH: 250'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 263' KB
 CEMENT DATA: 190 sx

TUBING RECORD

SIZE/GRADE/WT.: 2 3/8", 4.6 lbs
 NO. OF JOINTS:
 TUBING LANDED AT: 4846' KB
 TUBING ANCHOR:
 SEATING NIPPLE: @ 4815' KB
 NOTCHED COLLAR: @ 4846' KB
 PERF. SUB:
 MUD ANCHOR:
 PACKER:

SUCKER ROD RECORD

1 - 1 1/2" X 22' Polish Rod
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 176 - 3/4" x 25' Plain Rods
 14 - 3/4" x 25' Scrapper Rods
 1 - 3/4" x 2' Pony

PUMP SIZE: 1 1/2" x 2" x 16' RWBC
 (Lufkin Mill serviced 10-6-92)

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

LOGS: Cement Bond Log, Dual Induction-SFL,
 Compensated Neutron-Formation Density Log,
 Schlumberger Cyberlook

PRODUCTION CASING

STRING: 1
 SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs.
 LENGTH: 143 jts @ 5984'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5997' KB
 CEMENT DATA: 365 sx, HiLift &
 800 sx, RFC-10
 CEMENT TOP AT: 1150' from CBL

PERFORATION RECORD

4822'-4832' (10') (2 SPF)
 5259'-5272' (13') (2 SPF)
 5560'-5580' (20') (2 SPF)

ACID JOBS

4822'-4832' 1000 gal 7.5% HCl Acid.
 5259'-5272' 1000 gal 7.5% HCl Acid.
 5560'-5580' 1000 gal 7.5% HCl Acid.

FRAC JOBS

4822'-4832' 6-12-82 w/Dowell. 9582 gal YF4PSD w/9328# 20-40 mesh sand. ATR 10 BPM @ 1950 psi, max @ 3700 psi, ISIP 3400 psi, 15 min @ 3100 psi, 20 min @ 3100 psi.
 5259'-5272' 6-11-82 w/Dowell. 20580 gal YF4PSD w/29000# 20-40 mesh sand & 6320# 10-20 mesh sand. ATR 10 BPM @ 2100 psi, max 4000 psi, ISIP 3800 psi. 15 min @ 2300 psi, 20 min @ 2200 psi.
 5560'-5580' 6-10-82 w/Dowell. 24000 gal YF4PSD w/33000# 20-40 mesh sand & 12000# 10-20 mesh sand. ATR 12 BPM @ 1450 psi, max 2800 psi, ISIP @ 1700 psi, 15 min @ 1600 psi, 20 min @ 1600 psi.

CASTLE PEAK FED. #24-10A
 Monument Butte Field
 Lease No. U-017985
 SE SW Section 10, T9S, R16E
 DUCHESNE CO., UTAH

BALCRON OIL
 7-18-94/ks

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Wellbore Diagram

Elev. GL @ 5702'
 Elev. KB @ 5715' (13' KB)

SURFACE CASING

8 5/8" K-55, 32#
 Length @ 250'
 Landed @ 263' KB
 Cemented w/190 sx
 Hole Size @ 12 1/4"

263' KB --->

PRODUCTION CASING

5 1/2" K-55, 15.5#
 143 jts @ 5984'
 Landed @ 5997' KB
 Cemented w/365 sx, HiLift &
 800 sx, RFC-10
 Cement Top @ 1150' from CBL
 Hole Size @ 7 7/8"

TOC @ 1150' --->

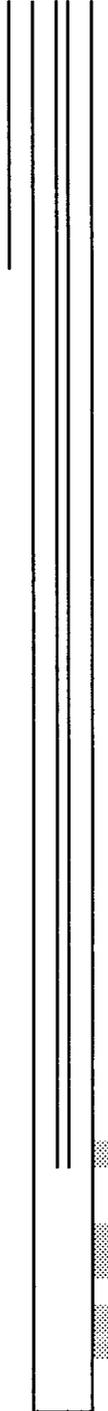
TUBING

2 3/8", 4.6#
 Landed @ 4846' KB
 S.N. @ 4815' KB
 Notched Collar @ 4846' KB

SUCKER ROD RECORD

1 - 1 1/2" X 22' Polish Rod
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 176 - 3/4" x 25' Plain Rods
 14 - 3/4" x 25' Scrapper Rods
 1 - 3/4" x 2' Pony

PUMP SIZE: 1 1/2" x 2" x 16' RWBC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:



ACID JOBS

4822'-4832' 1000 gal 7.5% HCl Acid.
 5259'-5272' 1000 gal 7.5% HCl Acid.
 5560'-5580' 1000 gal 7.5% HCl Acid.

FRAC JOBS

4822'-4832' 6-12-82 w/Dowell. 9582 gal YF4PSD w/9328# 20-40 mesh sand. ATR 10 BPM @ 1950 psi, max @ 3700 psi, ISIP 3400 psi, 15 min @ 3100 psi, 20 min @ 3100 psi.
 5259'-5272' 6-11-82 w/Dowell. 20580 gal YF4PSD w/29000# 20-40 mesh sand & 6320# 10-20 mesh sand. ATR 10 BPM @ 2100 psi, max 4000 psi, ISIP 3800 psi. 15 min @ 2300 psi, 20 min @ 2200 psi.
 5560'-5580' 6-10-82 w/Dowell. 24000 gal YF4PSD w/33000# 20-40 mesh sand & 12000# 10-20 mesh sand. ATR 12 BPM @ 1450 psi, max 2800 psi, ISIP @ 1700 psi, 15 min @ 1600 psi, 20 min @ 1600 psi.

PERFORATION RECORD

4822'-4832' (10') (2 SPF)
 5259'-5272' (13') (2 SPF)
 5560'-5580' (20') (2 SPF)

<--- SN Landed @ 4815' KB

PBTD @ 5959' KB
 TD @ 6021' KB

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=====
State : Utah SL Merid 9S - 16E - 10 se ne

County: DUCHESNE Oper: SHAMROCK OIL & GAS CO

Field : MONUMENT BUTTE Compl: 12/14/1964 D OG O&G

=====
Well: CASTLE PEAK UNIT #7 Last Info: 01/12/1987

Ftg: 1980 fnl 659 fel

Obj: Permit #: API: 43-013-1578500

Elev: 5602DF *5603 KB*

=====
Spud: 10/08/1964

TD: 5305

=====
Elev: 5602DF FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)

(Source: H=Scout,T=Govt,S=Shell,G=USGS,N=NDGS)

| Formation | Depth | Elev | T/S | Formation | Depth | Elev | T/S |
|-------------|-------|------|-----|-------------------|-------|------|-----|
| Green River | 1145 | 4457 | L T | basal Green River | 3874 | 1728 | L T |

<< State Records >>

Casing: 9 5/8 @ 207 w/200 - 5 1/2 @ 5105

DST : #1 4949- 4967

op 30 si 30 op si 60. IF op vry wk blo. Rec 60 ft vry sli
OCM. HP 2970-2955 SIP 89-104

Perfs :

4956-4966, 5001 w/3 SPF-treat w/250 gal 15% M acid 180 bbls pre-flush
15,750 gal 0 18,000 20-40 mesh sd 6000 gal 0 w/3000 lbs 8-12 mesh
glass beads.

Zone : 2606-2616

4940-4966

4998-5004

2605-2645 (Green River)

IP : 99.04 BOPD *5,250 MCF

P 99.04 BOPD grav 34, 38 MCFGPD

Journal: Contractor: Miracle-Wooster Released 12-28-64 8-4-69 Subsequent *fuel
casing & abandon Notice of intention to plug back - will temp. abandon
oil zone from 4956-5001 (5-23-68) Designated 2-18-66 Subsequent Report
of plug back 8-9-68

55

=====
State : Utah SL Merid 9S - 16E - 10 se ne

Locality: DUCHESNE Oper: DIAMOND SHAMROCK O&G CO

Field : CASTLE PEAK Compl: 09/28/1981 D D P&A

Well: CASTLE PEAK #7R Last Info: 03/26/1985

Ftg: 2050 fnl 700 fel

Obj: 3100 Green River Permit #: 12/03/1980 API: 43-013-3055400

Elev: 5604KB

=====
Spud: 09/18/1981

TD: 3106 on 09/26/1981 1st gas ss

Elev: 5604KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)

(Source: H=Scout,T=Govt,S=Shell,G=USGS,N=NDGS)

| Formation | Depth | Elev | T/S | Formation | Depth | Elev | T/S |
|-------------|-------|------|-----|------------|-------|------|-----|
| Green River | 1044 | 4560 | L H | 1st gas ss | 2590 | 3014 | L H |
| Horse Bench | 2163 | 3441 | L H | LTD | 3130 | 2474 | L H |

=====
Casing: 8 5/8 @ 260 w/190

Core : None

DST : #1 2586- 2625

op 10 si 47 op 30 si 90. Rec 513 ft HGCSW; Smplr: .93 CFG

1400 cc wtr. HP 1086-1095 FP 136-184 161-242 SIP 1080-1102 BHT 110 F

Logs : Den DIL

Journal: 10/6/81 spudded - drlg ahead. 10/26/81 ran DST #1 2586-2625, rec gas

cut SW. 11/5/81 plugged & abandoned.

BALCRON OIL**WELL REPORT**

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WELL NAME: Monument Butte Federal #1-14
 FIELD: Monument Butte
 FEDERAL LEASE NO.: U-18399
 LOCATION: SW SW Sec.1,T9S,R16E
 COUNTY/STATE: Duchesne County,Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 12/24/82
 INITIAL PRODUCTION: 162 STBOPD, 100 MCFPD, 0 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 4 STBOPD, 0 MCFPD, 7 STBWPD
 ELEVATIONS - GROUND: 5472'
 TOTAL DEPTH: 6200' KB

DATE: 3-31-94 JZ
 API NO.: 43-013-30703
 NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 11/17/82
 OIL GRAVITY: 39 API
 BHT: 135 Deg.F
 KB: 5488' (16'KB)
 PLUG BACK TD: 5540' KB

SURFACE CASING

STRING: 1
 SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 lbs
 LENGTH: 8 jts @ 323'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 339' KB
 CEMENT DATA: 225 sx, Class G

PRODUCTION CASING

STRING: 1
 SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5 lbs
 LENGTH: 151 jts @ 5574'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5590' KB
 CEMENT DATA: 325 sx, BJ Lite &
 500 sx, Class G
 CEMENT TOP AT: 1465' KB from CBL.

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5 lbs
 NO. OF JOINTS: 135 jnts @ 4379'
 TUBING ANCHOR: 2 7/8" x 2.35' Baker
 NO. OF JOINTS: 27 jnts @ 864'
 SEATING NIPPLE: 2 7/8" x 1.1' (ID @ 2.25")
 PERF. SUB: 2 7/8" x 3'
 MUD ANCHOR: 2 7/8" x 32.5' w/NC
 TOTAL STRING LENGTH: 5282'
 SN LANDED AT: 5262' KB
 Note: Set TA w/24" stretch.

PERFORATION RECORD

4485'- 4491' (6') 1 SPF YELLOW4
 4514'- 4524' (10') 1 SPF YELLOW5
 4772'- 4776' (4') 4 SPF RED1
 5250'- 5258' (8') 2 SPF GREEN4

SUCKER ROD RECORD

1 - 22' x 1 1/4" Polished Rod (SM End)
 1 - 3/4" x 6' Pony
 209 - 3/4" x 25' Rods

PUMP SIZE: 2 1/2" x 1 1/2" x 16' RWAC
 w/ringed PA plunger.
 Trico Pump No.1029
 STROKE LENGTH: 86"
 PUMP SPEED: 4.5 SPM
 PUMPING UNIT SIZE: Lufkin LM-228D-213-86T
 SN B129379A 525034
 ENGINE SIZE: Ajax E-42, SN 51384

FRAC JOB

4485'- 4524', Frac w/Halliburton on 12/21/82.
 28000 gal X-linked gel w/137000 lbs 20-40 mesh
 sand. Avg 35 BPM @ 2305 psig, max @ 2470 psig,
 ISIP @ 2140 psig, 5 min @ 2030 psig, 10 min
 @ 1960 psig, 15 min @ 1920 psig.
 4772'- 4776', Frac w/Halliburton on 12/16/82.
 10500 gal X-linked gel w/45000 lbs 20-40 mesh
 sand. Avg 25 BPM @ 2183 psig, max @ 2400 psig,
 ISIP @ 1950 psig, 5 min @ 1820 psig, 10 min
 @ 1750 psig, 15 min @ 1740 psig.
 5250'- 5258', Frac w/Halliburton on 12/13/82.
 19000 gal X-linked gel w/50000 lbs 20-40 mesh
 sand. Avg 20 BPM @ 1730 psig, max @ 1840 psig,
 15 min SI @ 1070 psig.

LOGS: Cement Bond Log, Dual Induction-SFL, Compensated Neutron-Formation Density Log.

WELL NAME: BALCRON MONUMENT FEDERAL #34-10J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: SW SE Section 10, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: .805079506
 PRODUCING FORMATIO Green River
 COMPLETION DATE: 2-15-94
 INITIAL PRODUCTION: 43 STBOPD, 172 MSCFPD, 7 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS Producing Oil Well
 ELEVATIONS-GROUND: 5716'
 TOTAL DEPTH: 5850' KB

DATE: 6-21-94 /ks
 API NO.: 43-013-31416

NET REVENUE INT.: .73831617 Oil
 .66359285 Gas
 SPUD DATE: 1-12-94
 RIG RELEASE DATE: 1-25-94
 OIL GRAVITY: 34 API
 BHT: 135 Deg.F
 KB: 5726' (10' KB)
 PLUG BACK TD: 5787.54' KB

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 lbs.
 LENGTH: 6 jnts @ 266.87'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 274' KB
 CEMENT DATA: 150 sxs Class "G", 2% CCL &
 1/4#/sx Celoflake

TUBING RECORD

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 163 jnts @ 5053.8'
 TUBING ANCHOR: NA
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2-7/8" x 1.10' (2.25"ID)
 PERF. SUB: 2-7/8" x 3'
 MUD ANCHOR: 2-7/8" x 31.2' w/NC
 TOTAL STRING LENGTH: 5089.3'
 SN LANDED AT: 5064.9' KB

SUCKER ROD RECORD

1 - 1 1/4" x 22' Polish Rod
 2 - 3/4" x 8' Pony
 201 - 3/4" x 25' Plain Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16'
 RWAC w/PA plunger
 STROKE LENGTH: 87"
 PUMP SPEED, SPM: 3 SPM
 PUMPING UNIT SIZE: Lufkin LM-228D-213-86T
 S/N B1293375A 525080
 Ajax engine S/N 73437
 2 400 BBL Natco Tanks
 12 x 20' w/burners
 SN's 76002090-01 &
 76002090-2

LOGS: Compensated Neutron-Litho-Density Log;
 Dual Laterolog Micro-SFL; Gamma-Ray & Collar
 Log; Cement Bond & Gamma-Ray & Collar Log;
 Mud Log

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs.
 LENGTH: 5836.04'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5832.04' KB
 CEMENT DATA: 110 sxs Hilit &
 290 sxs Class "G"
 CEMENT TOP AT: 2735' from CBL

PERFORATION RECORD

4700'-11' (2 SPF) RED 1
 4865'-72' (1 SPF) RED 5
 5015'-19' (2 SPF) GREEN 1

ACID JOBS

4865' - 4872' KB - 1-31-94: By Western w/500 gals
 (Stage One) 15% HCL & 500 gals 2% KCL wtr.
 ATP 2000 psi, max 3000 psi.
 ATR 2 BPM, max 8.3 BPM. ISIP
 1250 psi.

4865' - 4872' KB - 1-31-94: By Western w/500 gals
 (Stage Two) 15% HCL & 500 gals 2% KCL wtr.
 ATP 1350 psi, max 5000 psi.
 ATR 2 BPM, max 7.5 BPM. ISIP
 1300 psi.

4700' - 4711' KB - 2-3-94: By Western w/500 gals
 15% HCL & 672 gals 2% KCL wtr.
 ATP 2000 psi, max 2400 psi.
 ATR 3 BPM, max 4 BPM. ISIP
 1100 psi.

FRAC JOBS

4865' - 4872' KB and 1-31-94: By Western w/32,000#
 5015' - 5019' KB 16/30 mesh sand w/13,062 gal
 2% KCL wtr & 500 gals 15% HCL.
 ATP 2500 psi, max 3050 psi.
 ATR 29.6 BPM, max 29.8 BPM.
 ISIP 2600 psi.

4700' - 4711' KB - 2-7-94: By Western w/35,720#
 16/30 mesh sand w/17,398 gals
 2% KCL gelled wtr. ATP 2500 psi,
 max 2840 psi. ATR 25 BPM,
 max 25 BPM. ISIP 2000 psi,
 5 min 1770 psi, 10 min 1710,
 15 min 1670 psi.

BALCRON MONUMENT FEDERAL #34-10J
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 SW SE Section 10, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 6-21-94 /ks

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WELLBORE DIAGRAM

Elev.Gr @ 5716'
 Elev. @ KB 5726' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 266.87'
 Hole Size @ 12-1/4"
 Depth landed @ 274' KB
 Cemented w/150 sxs Class Class "G" &
 1/4#/sx Celoflake
 5 BBLs return.

274' KB -->

PRODUCTION CASING

5-1/2", K-55, 15.5#
 Length @ 5836.04'
 Depth landed @ 5832.04' KB
 Cemented w/110 sxs Hilift &
 290 sxs Class "G"
 Top of Cement @ 2735' from CBL

TOC @ 2735' -->

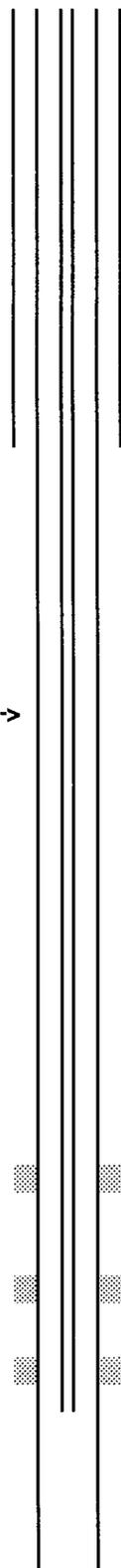
TUBING

2-7/8", J-55, 6.5#
 163 jnts @ 5053.8'
 SN @ 2-7/8" x 1.1' (2.25" ID)
 Perf.Sub @ 2-7/8" x 3'
 MA @ 2-7/8" x 31.2' s/NC
 Total String Length @ 5089.3'
 SN landed @ 5064.9'

SUCKER ROD RECORD

1 - 1 1/4" x 22' Polish Rod
 2 - 3/4" x 8' Pony
 201 - 3/4" x 25' Plain Rods

Pump Size @ 2-1/2" x 1-1/2" x 16' RWAC
 w/PA plunger



ACID JOBS

4865'-4872' KB (Stage One) 1-31-94: By Western w/500 gals 15% HCL & 500 gals 2% KCL wtr. ATP 2000 psi, max 3000 psi. ATR 2 BPM, max 8.3 BPM. ISIP 1250 psi.

4865'-4872' KB (Stage Two) 1-31-94: By Western w/500 gals 15% HCL & 500 gals 2% KCL wtr. ATP 1350 psi, max 5000 psi. ATR 2 BPM, max 7.5 BPM. ISIP 1300 psi.

4700'-4711' KB 2-3-94: By Western w/500 gals 15% HCL & 672 gals 2% KCL wtr. ATP 2000 psi, max 2400 psi. ATR 3 BPM, max 4 BPM. ISIP 1100 psi.

FRAC JOBS

4865'-4872' KB & 5015'-5019' KB 1-31-94: By Western w/32,000# 16/30 mesh sand w/13,062 gal 2% KCL wtr & 500 gals 15% HCL. ATP 2500 psi, max 3050 psi. ATR 29.6 BPM, max 29.8 BPM. ISIP 2600 psi.

4700'-4711' KB 2-7-94: By Western w/35,720# 16/30 mesh sand w/17,398 gals 2% KCL gelled wtr. ATP 2500 psi, max 2840 psi. ATR 25 BPM, max 25 BPM. ISIP 2000 psi, 5 min 1770 psi, 10 min 1710, 15 min 1670 psi.

PERFORATION RECORD

4700'-11' (2 SPF) RED 1
 4865'-72' (1 SPF) RED 5
 5015'-19' (2 SPF) GREEN 1

<-- SN @ 5064.90' KB

PBTD @ 5787.54' KB
 TD @ 5850' KB

BALCRON OIL

WELL REPORT

WELL NAME: CASTLE PEAK FEDERAL #44-10
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: SE SE Sec.10,T9S,R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 5/15/82
 INITIAL PRODUCTION: 47 STBOPD, 14 MCFPD, 18 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 2 STBOPD, 15 MCFPD
 ELEVATIONS - GROUND: 5696'
 TOTAL DEPTH: 6085' KB

DATE: 6-27-94ks
 API NO.: 43-013-30630

NET REVENUE INT.: 0.825

SPUD DATE: 2/11/82
 RIG RELEASE DATE: 4/13/82
 OIL GRAVITY: 30 API
 BHT:
 KB: 5709' (13' KB)
 PLUG BACK TD: 6034' KB

SURFACE CASING

PRODUCTION CASING

STRING: 1
 SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs
 LENGTH: 7 jts @ 279.47'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 292' KB
 CEMENT DATA: 230 sx, Class H w/ 2% CaCl,
 1/4#/sx Flocele. Cemented
 to surface.

STRING: 1
 SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs
 LENGTH: 159 jts @ 6067.21'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 6077.1' KB
 CEMENT DATA: 600 sx Class G w/ additives
 & 675 sx 10.0 RFC
 CEMENT TOP AT: 280' from CBL

TUBING RECORD

PERFORATION RECORD

SIZE/GRADE/WT.: 2 7/8", N-80, 6.5 lbs
 NO. OF JOINTS: 153 jts. @ 4784'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 7/8" x 1.1'
 PERF. SUB: None
 MUD ANCHOR: 2 7/8" x 30'
 TOTAL STRING LENGTH: 4825' KB
 SN LANDED AT: 4798' KB

| | | |
|--------------------|---------|--------|
| 4856'- 4874' (18') | (2 SPF) | RED5 |
| 5269'- 5296' (27') | (2 SPF) | GREEN6 |
| 5570'- 5580' (10') | (2 SPF) | BLUE1 |
| 5588'- 5600' (12') | (2 SPF) | BLUE1 |
| 5856'- 5868' (12') | (2 SPF) | BLUE4 |

PROPOSED PERFORATIONS (4/94)

| | | |
|-------------------|---------|--------|
| 4702'- 4705' (3') | (2 SPF) | RED1 |
| 5010'- 5014' (4') | (2 SPF) | GREEN1 |

SUCKER ROD RECORD

ACID JOBS

- 1 - 3/4" X 22' Polish Rod
- 3 - 3/4" x 4' Pony
- 2 - 3/4" x 6' Pony
- 174 - 3/4" x 25' Plain Rods
- 15 - 3/4" x 25' Scrapered Rods
- 1 - 3/4" x 2' Pony

| | |
|----------------|-------------------------|
| 4856'-4874' KB | 1000 gal 7.5% HCl Acid. |
| 5269'-5296' KB | 1000 gal 7.5% HCl Acid. |
| 5570'-5600' KB | 1000 gal 7.5% HCl Acid. |
| 5856'-5868' KB | 1000 gal 7.5% HCl Acid. |

FRAC JOBS

PUMP SIZE: 2 1/2" x 1 1/2" x 16' RWBC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Lukin 160 (serviced 10-16-92)
 S/N 298473N
 Ajax Engine, S/N 79351

| | |
|----------------|--|
| 4856'-4874' KB | 4-29-82 w/ Dowell. 19530 gal YF4PSD w/30000# 20-40 sand & 6120# 10-20 sand. ATR 10 BPM @ 1800 psi, max 4200 psi. ISIP 3100 psi, 15 min 2550 psi, 20 min 2400 psi. Screened Out. |
| 5269'-5296' KB | 4-26-82 w/ Dowell. 32000 gal YF4PSD w/47000# 20-40 sand & 16000# 10-20 sand. ATR 10 BPM @ 2150 psi, max 2800 psi. ISIP 2750 psi, 15 min 2500 psi, 30 min @ 2400 psi. |
| 5570'-5600' KB | 4-24-82 w/ Dowell. 24000 gal YF4PSD w/33000# 20-40 sand & 12000# 10-20 sand. ATR 10 BPM @ 1450 psi, max 1750 psi. ISIP 1750 psi, 15 min 1600 psi, 20 min 1600 psi. |
| 5856'-5868' KB | 4-23-82 w/ Dowell. 20000 gal YF4PSD w/30000# 20-40 sand & 8000# 10-20 sand. ATR 10 BPM @ 2200 psi, max 2600 psi. ISIP 2450 psi, 15 min 1950 psi, 20 min 1800 psi. |

LOGS: Dual Induction-SFL/Gamma Ray Log, Cement Bond/
 Variable Density Log, FDC-CNL/Gamma Ray Log,
 Cyberlook, Sonic Log, Mud Log.

CASTLE PEAK FEDERAL #44-10
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 SE SE Sec. 10, T9S, R16E
 Duchesne Co., Utah

BALCRON OIL
 6-27-94/ks

Wellbore Diagram

Elev GL @ 5696'
 Elev KB @ 5709' (13' KB)

SURFACE CASING

8 5/8", 24#, K-55
 7 jts @ 279.47'
 Landed @ 292' KB
 Hole Size @ 12 1/4"
 Cemented w/230 sx Class H w/ 2%
 CaCl, 1/4#/sx Flocele. Cemented
 to surface.

PRODUCTION CASING

5 1/2", 15.5#, K-55
 159 jts @ 6077.21'
 Landed @ 6077' KB
 Hole Size @ 7 7/8"
 Cemented w/600 sx Class G w/
 additives & 675 sx 10.0 RFC
 Cement Top @ 280' from CBL

TUBING

2 7/8", 6.4#, N-80
 153 jts @ 4784'
 SN - 2 7/8" x 1.1'
 Mud Anchor - 2 7/8" x 30'
 Total String Length - 4825' KB
 SN Landed At 4798' KB

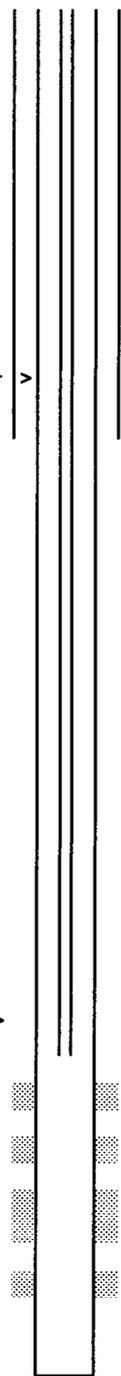
SUCKER ROD RECORD

1 - 3/4" X 22' Polish Rod
 3 - 3/4" x 4' Pony
 2 - 3/4" x 6' Pony
 174 - 3/4" x 25' Plain Rods
 15 - 3/4" x 25' Scrapered Rods
 1 - 3/4" x 2' Pony

PUMP SIZE: 2 1/2" x 1 1/2" x 16' RWBC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Lufkin 160 (serviced 10-16-92)
 S/N 298473N
 Ajax Engine, S/N 79351

TOC @ 280' --->
 292' KB -->

SN Landed @ 4798' KB -->



ACID JOBS

4856'-4874' KB 1000 gal 7.5% HCl Acid.
 5269'-5296' KB 1000 gal 7.5% HCl Acid.
 5570'-5600' KB 1000 gal 7.5% HCl Acid.
 5856'-5868' KB 1000 gal 7.5% HCl Acid.

FRAC JOBS

4856'-4874' KB 4-29-82 w/ Dowell. 19530 gal
 YF4PSD w/30000# 20-40 sand & 6120#
 10-20 sand. ATR 10 BPM @ 1800 psi,
 max 4200 psi. ISIP 3100 psi, 15
 min 2550 psi, 20 min 2400 psi.
 Screened Out.
 5269'-5296' KB 4-26-82 w/ Dowell. 32000 gal
 YF4PSD w/47000# 20-40 sand & 16000#
 10-20 sand. ATR 10 BPM @ 2150 psi,
 max 2800 psi. ISIP 2750 psi, 15
 min 2500 psi, 30 min @ 2400 psi.
 5570'-5600' KB 4-24-82 w/ Dowell. 24000 gal
 YF4PSD w/33000# 20-40 sand & 12000#
 10-20 sand. ATR 10 BPM @ 1450 psi,
 max 1750 psi. ISIP 1750 psi, 15
 min 1600 psi, 20 min 1600 psi.
 5856'-5868' KB 4-23-82 w/ Dowell. 20000 gal
 YF4PSD w/30000# 20-40 sand & 8000#
 10-20 sand. ATR 10 BPM @ 2200 psi,
 max 2600 psi. ISIP 2450 psi, 15
 min 1950 psi, 20 min 1800 psi.

PERFORATION RECORD

| | | |
|-------------------|---------|--------|
| 4856'-4874' (18') | (2 SPF) | RED5 |
| 5269'-5296' (27') | (2 SPF) | GREEN6 |
| 5570'-5580' (10') | (2 SPF) | BLUE1 |
| 5588'-5600' (12') | (2 SPF) | BLUE1 |
| 5856'-5868' (12') | (2 SPF) | BLUE4 |

PROPOSED PERFORATIONS (4/94)

| | | |
|-------------------|---------|--------|
| 4702'- 4705' (3') | (2 SPF) | RED1 |
| 5010'- 5014' (4') | (2 SPF) | GREEN1 |

PBTB @ 6034' KB
 TD @ 6085' KB

BALCRON OIL

WELL REPORT

WELL NAME: BALCRON MONUMENT FEDERAL #12-11J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: SW NW Section 11, T9S, R16E
 COUNTY/STATE: Duchesne County, UT
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 2-2-94
 INITIAL PRODUCTION: 17 STBOPD, 100 MSCFPD, 0 STBWPD
 OIL/GAS PURCHASER:
 PRESENT PROD STATUS: Producing oil well
 ELEVATIONS - GROUND: 5625'
 TOTAL DEPTH: 5751' KB

DATE: 6-22-94 /ks
 API NO.: 43-013-31417
 NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 12-16-93
 RIG RELEASE DATE: 1-16-94
 OIL GRAVITY: 34 API
 BHT: 134 Deg.F
 KB: 5635 (10' KB)
 PLUG BACK TD: 5325' KB (CIBP)

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 6 jts @ 263.6'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 271' KB
 CEMENT DATA: 150 sxs Class "G", 2% CCL, &
 1/4#/sx Celoflake. Cement
 circulated to surface.

TUBING RECORD

SIZE/GRADE/WT: 2-7/8", J-55, 6.5 #
 NO. OF JOINTS: 157 jnts @ 4832.96'
 TUBING ANCHOR: 2-1/2" x 5-1/2" x 2.35'
 NO. OF JOINTS: 7 jnts @ 213.14'
 SEATING NIPPLE: 2-7/8" x 1.1' (2.25" ID)
 PERF. SUB: 2-7/8" x 3.0'
 MUD ANCHOR: 2-7/8" x 30.34' w/NC
 TOTAL STRING LENGTH: 5093.09' KB
 SN LANDED AT: 5059.55' KB

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod SM
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 201 - 3/4" x 25' Plain D-61 Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
 w/PA Plunger, Pump #1034
 (Trico)

STROKE LENGTH: 88"
 PUMP SPEED, SPM: 3 SPM
 PUMPING UNIT SIZE: Lufkin LM 228D-213-86T
 S/N B129378A 525033
 Ajax engine E-42, S/N 55060
 Two Natco 12' x 20' steel
 tanks, S/N's 76002095-01
 & 76002095-02

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 #
 LENGTH: 5739'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5748' KB
 CEMENT DATA: 130 sxs Hifill & tail
 w/265 sxs 50-50 POZ
 CEMENT TOP AT: 1760' (Calculated) w/top
 of good bonding @ 4430'
 from CBL *

* - CBL MUST BE RE-RUN FROM 2100'-3500'
 WHEN WELL IS REWORKED (AS PER BLM)

PERFORATION RECORD

4890'-95' (2 SPF) RED 5
 4984'-91' (2 SPF) GREEN 1
 5025'-28' (2 SPF) GREEN 1
 5340'-44' (2 SPF) GREEN 6 **
 5347'-51' (2 SPF) GREEN 6 **

** These zones have not been frac'd -
 acid breakdown only. Currently
 isolated by CIBP @ 5325' KB.

LOGS: Dual Laterolog Micro-SFL;
 Compensated Neutron/Litho-Density;
 Mud Log; Cement Bond/Gamma-Ray
 & Collar Log

BALCRON MONUMENT FEDERAL #12-11J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SW NW Section 11, T9S, R16E
 Duchesne County, UT

BALCRON OIL
 6-22-94 /ks

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WELLBORE DIAGRAM

Elev. GL @ 5625'
 Elev. KB @ 5635' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 263.6'
 Hole size @ 12-1/4"
 Depth landed @ 271' KB
 Cemented w/150 sxs Class "G", 2% CCL,
 & 1/4#/sx Celoflake
 4-5 BBLs cement circulated to pit.

271' KB -->

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5739'
 Hole size @ 7-7/8"
 Depth landed @ 5748' KB
 Cemented w/130 sxs Hifill &
 tail w/265 sxs 50-50 POZ
 TOC @ 4430' from CBL*

*Calculated TOC @ 1760' --
 (Top of good
 bonding @ 4430'
 from CBL)

TUBING

2-7/8", 6.5#, J-55
 157 jnts @ 4832.96'
 TA @ 2-1/2" x 5-1/2" x 2.35'
 7 jnts @ 213.14'
 SN @ 2-7/8" x 1.1' (2.25" ID)
 Perf. Sub @ 2-7/8" x 3.2'
 MA @ 2-7/8" x 30.34' w/NC
 Total string length @ 5093.09'
 SN landed @ 5059.55' KB

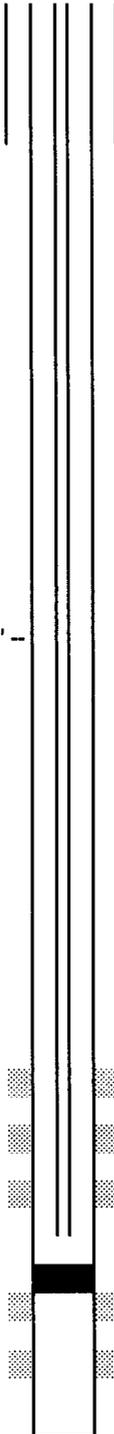
ROD STRING

1 - 1-1/4" x 22' Polish Rod SM
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 201 - 3/4" x 25' Plain D-61 Rods

Pump size @ 2-1/2" x 1-1/2" x 16' RWAC

Stroke length @ 88", 3 SPM

Lufkin LM 228D-213-86T
 S/N B129 w/PA plunger, Pump #1034
 Ajax engine E-42, S/N 55060
 Two Natco 12' x 20' steel
 tanks, S/N's 76002095-01
 & 76002095-02



ACID JOBS

5340'-5351' KB - 1-19-94: By Western w/1000 gals
 15% HCl & 336 gals 2% KCL wtr.
 ATP 2300 psi, max 4000 psi.
 ATR 3 BPM, max 3.6 BPM. ISIP
 2100 psi, 5 min 1800 psi, 10 min
 1800 psi, 15 min 1800 psi.

5025'-5028' KB - 1-20-94: By Western w/500 gals
 15% HCL.

4890'-4895' KB - 1-24-94: Wy Western w/500 gals
 15% HCL & 630 gals 2% KCL wtr.
 ATP 1600 psi, max 1850 psi.
 ATR 2.4 BPM, max 2.6 BPM.
 ISIP 1000 psi.

FRAC JOBS

4984'-5028' KB - 1-21-94: By Western w/28,620# 16/30
 mesh sand w/14,914 gals 2% KCL gelled
 wtr. ATP 2300 psi, max 2350 psi.
 ATR 28 BPM, max 30.1 BPM. ISIP
 1600 psi, 5 min 1330 psi, 10 min
 1200 psi, 15 min 1140 psi.

4890'-4895' KB - 1-24-94: By Western w/15,300# 16/30
 mesh sand w/4,872 gals 2% KCL gelled
 wtr. ATP 2300 psi, max 3000 psi. ATR
 19.5 BPM, max 28.5 BPM. Screened Out.

PERFORATION RECORD

| | |
|------------------------|------------|
| 4890'-95' (5') (2 SPF) | RED 5 |
| 4984'-91' (7') (2 SPF) | GREEN 1 |
| 5025'-28' (3') (2 SPF) | GREEN 1 |
| 5340'-44' (4') (2 SPF) | GREEN 6 ** |
| 5347'-51' (4') (2 SPF) | GREEN 6 ** |

** These zones have not been frac'd - acid breakdown only.
 Currently isolated by CIBP.

← SN @ 5059.55' KB.

← CIBP @ 5325' KB

PBD @ 5703' KB
 TD @ 5751' KB

BALCRON OIL

WELL REPORT

WELL NAME: WALTON FEDERAL #4-11
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: SE NW Sec. 11, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 1/18/65
 INITIAL PRODUCTION: 155 STBOPD, 40 MCFPD, 0 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 10 STBOPD, 39 MCFPD
 ELEVATIONS - GROUND: 5605'
 TOTAL DEPTH: 5300' KB

DATE: 6-27-94/ks
 API NO.: 43-013-15795
 NET REVENUE INT.: Oil - 0.913
 Gas - 0.825
 SPUD DATE: 11/27/64
 RIG RELEASE DATE: 12/26/64
 OIL GRAVITY: 34 API
 BHT:
 KB: 5615' (10' KB)
 PLUG BACK TD: 5284' KB

SURFACE CASING

STRING: 1
 SIZE: 9 5/8"
 GRADE: J-55
 WEIGHT: 32.2 lbs.
 LENGTH: 6 jts. @ 193'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 203' KB
 CEMENT DATA: 200 sx

PRODUCTION CASING

STRING: 1
 SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5 lbs.
 LENGTH: 176 jts. @ 5274'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5284' KB
 CEMENT DATA: 300 sx

CEMENT TOP AT: Unknown

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.4 lbs.
 NO. OF JOINTS: Unknown
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: NA
 PERF. SUB: NA
 MUD ANCHOR: NA
 TOTAL STRING LENGTH: NA
 SN LANDED AT: NA

PERFORATION RECORD

| | | |
|------------|---------|--------|
| 4752' (1') | (3 SPF) | RED1 |
| 4905' (1') | (3 SPF) | RED5 |
| 4910' (1') | (3 SPF) | RED5 |
| 5027' (1') | (3 SPF) | GREEN1 |
| 5032' (1') | (3 SPF) | GREEN1 |
| 5216' (1') | (3 SPF) | GREEN4 |

ACID JOBS

5027'-5216' KB Spotted 250 gal mud acid.
 4752'-4910' KB 1000 gal 7.5% mud acid.

FRAC JOBS

4752'-4910' KB 12-28-64 w/ 17500 gal Ashley Valley crude w/16000 lbs 20-40 mesh sand & 1800 gal oil w/900 lbs glass beads. Injection Rate @ 37 BPM @ 3500 psi.

5027'-5216' KB 12-28-64 w/ 16800 gal Ashley Valley crude w/17750 lbs 20-40 mesh sand & 4200 gal oil w/ 2000 lbs glass beads. Injection Rate & 18.7 BPM @ 4000 psi.

SUCKER ROD RECORD

1 - 1 4" x 16' Polished Rod
 2 - 3/4" x 4' Subs
 2 - 3/4" x 6' Subs
 206 - 3/4" x 25' Rods

PUMP SIZE: 2 1/2" x 1 1/4" x 16' RHAC

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114 (serviced 10-15-92)
 Ajax Motor

WALTON FEDERAL #4-11
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SE NW Sec. 11, T9S, R16E
 Duchesne Co., Utah

BALCRON OIL
 6-27-94/ks

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Wellbore Diagram

Elev GL @ 5605'
 Elev KB @ 5615' (10' KB)

SURFACE CASING

9 5/8", 32.2#, J-55
 6 jts. @ 193'
 Hole Size @ 12 1/4"
 Landed @ 203' KB
 Cemented w/200 sx.

PRODUCTION CASING

5 1/2", 15.5#, J-55
 176 jts. @ 5274'
 Hole Size @ 7 7/8"
 Landed @ 5284' KB
 Cemented w/300 sx
 TOC Unknown

TUBING

2 7/8", 6.4#, J-55

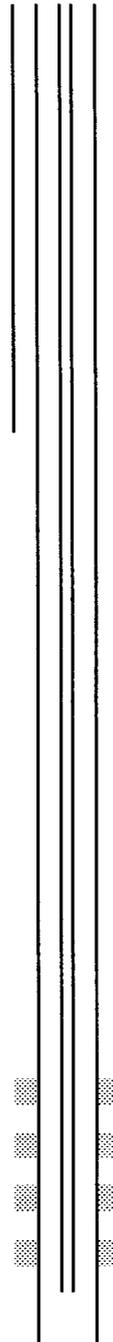
 SN - 2 7/8" x 1.1'
 Perf. Sub - 2 7/8" x 3'
 Mud Anchor - 2 7/8" x 30'
 Total String Length - NA
 SN Landed At NA

SUCKER ROD RECORD

1 - 1 4" x 16' Polished Rod
 2 - 3/4" x 4' Subs
 2 - 3/4" x 6' Subs
 206 - 3/4" x 25' Rods

PUMP SIZE: 2 1/2" x 1 1/4" x 16' RHAC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114 (serviced 10-15-92)
 Ajax Motor

203' KB --->



ACID JOBS

5027'-5216' KB Spotted 250 gal mud acid.
 4752'-4910' KB 1000 gal 7.5% mud acid.

FRAC JOBS

4752'-4910' KB 12-28-64 w/ 17500 gal Ashley Valley crude w/16000 lbs 20-40 mesh sand & 1800 gal oil w/900 lbs glass beads. Injection Rate @ 37 BPM @ 3500 psi.

 5027'-5216' KB 12-28-64 w/ 16800 gal Ashley Valley crude w/17750 lbs 20-40 mesh sand & 4200 gal oil w/ 2000 lbs glass beads. Injection Rate & 18.7 BPM @ 4000 psi. lbs 20-40 mesh sand & 4200 gal oil w/2000 lbs glass beads. Injection Rate @ 18.7 BPM @ 4000psig.

PERFORATION RECORD

| | | |
|-----------|---------|--------|
| 4752' (1) | (3 SPF) | RED1 |
| 4905' (1) | (3 SPF) | RED5 |
| 4910' (1) | (3 SPF) | RED5 |
| 5027' (1) | (3 SPF) | GREEN1 |
| 5032' (1) | (3 SPF) | GREEN1 |
| 5216' (1) | (3 SPF) | GREEN4 |

PBTD @ 5284' KB
 TD @ 5300' KB

WELL NAME: BALCRON MONUMENT FEDERAL #32-11J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: SW NE Section 11, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River Fm.
 COMPLETION DATE: 10-6-93
 INITIAL PRODUCTION: 25 STBOPD, 15 MSCFPD, 10 STBWPD
 OIL/GAS PURCHASER: Amoco/Queststar
 PRESENT PROD STATUS: 1.67 STBOPD, 0 STBWPD, 9 MSCFPD
 ELEVATIONS - GROUND: 5577'
 TOTAL DEPTH: 5800' KB

DATE: 6-22-94 KS

API NO.: 43-013-31386

NET REVENUE INT.: 0.73831617 Oil
0.66359285 Gas

SPUD DATE: 8-23-93

RIG RELEASE DATE: 9-12-93

OIL GRAVITY: 34 API

BHT: 149 Deg F

KB: 5587' (10' KB)

PLUG BACK TD: 5711' KB

SURFACE CASING

STRING: 1
 SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 6 jts @ 267.54'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 275' KB
 CEMENT DATA: 150 sxs premium w/2% CCI
 & 1/4 # per sx Flocele.
 Good returns to surface.

TUBING RECORD

SIZE/GRADE/WT: 2 7/8", J-55, 6.5 #
 NO. OF JOINTS: 153 jnts @ 4731.47'
 TUBING ANCHOR: 2 7/8"x 2.75' Trico
 NO. OF JOINTS: 16 jnts @ 498.21'
 SEATING NIPPLE: 2 7/8"x 1.1' (ID @ 2.25")
 PERF. SUB: 2 7/8"x 3.1'
 MUD ANCHOR: 2 7/8"x 29.25' w/NC
 TOTAL STRING LENGTH: 5275.88' KB
 SN LANDED AT: 5243.53' KB

Note: TA set w/11" tension.

SUCKER ROD RECORD

1 - 1 1/4"x 16' Polished Rod
 1 - 3/4"x 2' Pony
 1 - 3/4"x 4' Pony
 1 - 3/4"x 8' Pony
 208 - 3/4"x 25' Plain Rods

Last Workover 5-3-94, Pressure Fall Off Test.

PUMP SIZE: 2 1/2"x 1 1/2"x 16' RHAC
 w/40 ring PA Plunger.
 STROKE LENGTH: 88"
 PUMP SPEED: 6 SPM
 PUMPING UNIT SIZE:

LOGS: Dual Laterolog/MSFL; Spectral Density/Dual
 Spaced Neutron Log; Mud Log; Cement Bond/
 Gamma Ray/CCL

PRODUCTION CASING

STRING: 1
 SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.5 #
 LENGTH: 5765.96'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5774.96' KB
 CEMENT DATA: 231 sxs Hillift & tail w/
 351 sxs Class-G.
 CEMENT TOP AT: 1420' KB from CBL.

PERFORATION RECORD

4740'-4744' (4') (2 SPF) RED 1
 5154'-5170' (16') (2 SPF) GREEN 3

ACID/BREAKDOWN JOBS

5154'- 5170', Breakdown w/Dowell 9-20-93.
 2% KCL water, initial break @ 1500 psig to
 1100 psig, ball off perfs, 6 STBPM @ 1700 psig,
 ISIP @ 590 psig.

4740'- 4744', Breakdown w/Dowell 9-23-93.
 2% KCL water, initial break @ 4100 psig to
 2400 psig, ball off perfs, 5.5 STBPM @ 2500 psig.

FRAC JOBS

5154'- 5170', Frac w/Dowell 9-20-93.
 frac down csg w/43,460 # 16-30 mesh sand,
 466 STB gel (YF-135), avg. 20 STBPM @ 1800 psig,
 ISIP @ 1635 psig, 5-1490, 10-1425, 15 min @ 1350.

4740'- 4744', Frac w/Dowell 9-23-93.
 frac down csg w/10,000 # 16-30 mesh sand,
 ??? STB gel (YF-135), avg. 13 STBPM @ 2900 psig,
 ISIP @ 1850 psig, 5-1700, 10-1660, 15 min @ 1600.

BALCRON MONUMENT FEDERAL #32-11J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SW NE Section 11, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 6-22-94 KS

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WELLBORE DIAGRAM

Elev.Gr @ 5577'
 Elev.KB @ 5587' (10' KB)

SURFACE CASING

8 5/8", J-55, 24 #
 Length @ 267.54'
 Hole Size @ 12 1/4"
 Depth Landed @ 275' KB
 Cemented w/150 sxs premium
 w/2% CCL & 1/4 # per sx Flocele.
 Good returns to surface.

275' KB --->

PRODUCTION CASING

5 1/2", J-55, 15.5#
 Length @ 5765.96'
 Hole Size @ 7 7/8"
 Depth Landed @ 5774.96' KB
 Cemented w/231 sxs Hilift &
 tail w/351 sxs Class-G.
 TOC @ 1420' from CBL

TOC @ 1420' --->

TUBING

2 7/8", 6.5#, J-55
 153 jnts @ 4731.47'
 TA @ 2 7/8"x 2.75' Trico
 16 jnts @ 498.21'
 SN @ 2 7/8"x 1.1' (ID @ 2.25")
 Perf.Sub @ 2 7/8"x 3.1'
 MA @ 2 7/8"x 29.25'
 TA set w/11" tension
 SN Landed @ 5243.53' KB

Rod String

1 - 1 1/4"x 16' Polished Rod
 1 - 3/4"x 2' Pony
 1 - 3/4"x 4' Pony
 1 - 3/4"x 8' Pony
 208 - 3/4"x 25' plain rods

Pump Size @ 2 1/2"x 1 1/2"x 16' RWAC
 w/PA plunger.

Stroke Length @ 88", 6 SPM

ACID/BREAKDOWN JOB

5154'- 5170', Breakdown w/Dowell 9-20-93.
 2% KCL water, initial break @ 1500 psig to
 1100 psig, ball off perfs, 6 STBPM @ 1700 psig,
 ISIP @ 590 psig.

4740'- 4744', Breakdown w/Dowell 9-23-93.
 2% KCL water, initial break @ 4100 psig to
 2400 psig, ball off perfs, 5.5 STBPM @ 2500 psig.

FRAC JOB

5154'- 5170', Frac w/Dowell 9-20-93.
 frac down csg w/43,460 # 16-30 mesh sand,
 466 STB gel (YF-135), avg. 20 STBPM @ 1800 psig,
 ISIP @ 1635 psig, 5-1490, 10-1425, 15 min @ 1350.

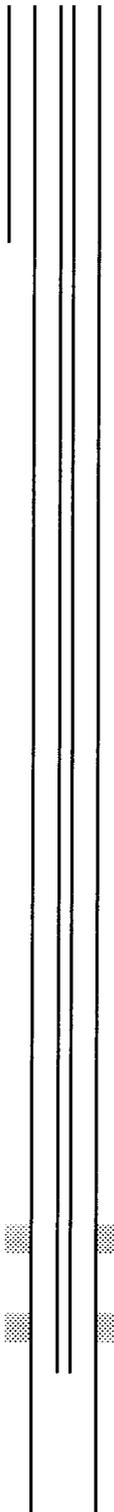
4740'- 4744', Frac w/Dowell 9-23-93.
 frac down csg w/10,000 # 16-30 mesh sand,
 ??? STB gel (YF-135), avg. 13 STBPM @ 2900 psig,
 ISIP @ 1850 psig, 5-1700, 10-1660, 15 min @ 1600.

PERFORATION RECORD

| | | |
|-------------------|---------|---------|
| 4740'-4744' (4') | (2 SPF) | RED 1 |
| 5154'-5170' (16') | (2 SPF) | GREEN 3 |

<-- SN Landed @ 5243.53' KB

PBTD @ 5711' KB
 TD @ 5800' KB



=====
State : Utah SL Merid 9S - 16E - 11 se ne

Locality: DUCHESNE Oper: CAMPBELL G S

Field : MONUMENT BUTTE Compl: 06/19/1971 D D P&A

=====
Well: WALTON FEDERAL #6 Last Info: 05/22/1983

Ftg: 1980 fnl 510 fel

Obj: Permit #: 06/10/1971 API: 43-013-3006600
Elev: 5563KB

=====
Spud: 06/06/1971 Contr: BARKER DRLG & WELL S

TD: 5310

=====
Elev: 5563KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Scout,T=Govt,S=Shell,G=USGS,N=NDGS)

| Formation | Depth | Elev | T/S | Formation | Depth | Elev | T/S |
|-----------------|-------|------|--------|-------------------|-------|------|-----|
| Green River | 1508 | 4055 | L T | Douglas Creek mbr | 4688 | 875 | L T |
| Horse Bench Mrk | 2246 | 3317 | L T TD | | 5310 | 253 | L T |
| oil shale | 2500 | 3063 | L T | | | | |

<< State Records >>

Casing: 8 5/8 @ 140 w/105

DST : #1 3968- 3999

op 15 si 30 op 60 si 60. IF op w/vry slight blo incr; FF
op w/vry slight blo, incr thruout to light blo. Rec 150 ft formation
wtr & DW slightly oil flocked. HP 1795-1783 FP 6-9 9-146 SIP 1542-1542

: IES BHC-GR

fnl: 6-20-71 plugging plugraw by USGS

WELL NAME: BALCRON MONUMENT FEDERAL #42-11J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: SENE Section 11, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 80.51%
 PRODUCING FORMATION: Green River
 COMPLETION DATE:
 INITIAL PRODUCTION:
 OIL/GAS PURCHASER:
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5554' GL
 TOTAL DEPTH: 5300' KB

DATE: 7-21-94/ks

API NO.: 43-013-30066

** Re-entry of Walton Federal #6 **

NET REVENUE INT.: Oil - 73.831617%
 Gas - 66.359285%
 SPUD DATE: 6-28-94 (Orig. 6-6-71)
 RIG RELEASE DATE: 7-7-94
 OIL GRAVITY:
 BHT: 124 Deg F
 KB: 5564' (10' KB)
 PLUG BACK TD: 5223' KB

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH:
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 140' KB
 CEMENT DATA: Cemented w/ 105 sx

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5261.75'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5270.75' KB
 CEMENT DATA: 290 sx Super G w/3% CaCl, 2% gel,
 tail w/ 180 sx 50/50 Poz w/2% gel
 & 1/4#/sx Celloseal.
 CEMENT TOP AT: 1825' from CBL

TUBING RECORD

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 146 jts @ 4719.01'
 TUBING ANCHOR: 2-1/2" x 5-1/2" x 2.35'
 NO. OF JOINTS: 13 jts @ 419.64'
 SEATING NIPPLE: 2-7/8" x 1.10' (2.25" ID)
 PERF. SUB: 2-7/8" x 4.12'
 MUD ANCHOR: 2-7/8" x 32.5'
 TOTAL STRING LENGTH: 5188.72' KB
 SN LANDED AT: 5152.10' KB

PERFORATION RECORD

4736'-4741' (5') (4 SPF) RED1
 5188'-5196' (8') (4 SPF) GREEN4

ACID/BREAKDOWN INFORMATION

4736'-4741' 7-16-94 by Western w/13650 gal 2% KCL.
 ATR 8 BPM @ 4500 psi, max 25 BPM @ 4980
 psi. ISIP 2831 psi. Pump 4 balls/bbl.
 5188'-5196' 7-16-94 by Western w/2058 gal 2% KCL.
 ATR 6 BPM @ 3200 psi, max 6.7 BPM @ 5000
 psi. ISIP 1730 psi. Pump 4 balls/bbl.

SUCKER ROD RECORD

1 - 1-1/4" x 16' Polish Rod
 1 - 3/4" x 6' Pony Rod
 1 - 3/4" x 8' Pony Rod
 205 - 3/4" x 25' D-61 Slick Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
 w/ PA plunger (#1062 Trico)

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

LOGS: Dual Laterolog - MSFL, Compensated Neutron/
 Litho-Density-Gamma Ray Log, Cement Bond Log.

FRAC INFORMATION

4736'-4741' 7-16-94: w/14,100# 16/30 mesh sand w/
 9254 gal 2% KCl gelled wtr. ATR 25 BPM
 @ 4550 psi, max 30 BPM @ 4870 psi. ISIP
 1870 psi, 5 - 1640 psi, 10 - 1620 psi,
 15 - 1590 psi. 30 min forced closure
 at 0.4 BPM.
 5188'-5196' 7-16-94: w/14,860# 20/40 mesh sand &
 11,600# 16/30 mesh sand w/12,182 gal
 2% KCl gelled wtr. ATR 30 BPM @ 3000
 psi, max 30.1 BPM @ 5050 psi. ISIP
 4400 psi, 5 - 1750, 10 - 1680, 15 min
 1660 psi. Screen out w/1660# sand
 left in csg. SI 15 min.

BALCRON MONUMENT FEDERAL #42-11J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SENE Section 11, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-21-94/ks

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WELLBORE DIAGRAM

Elev. GL @ 5554'
 Elev. KB @ 5564' (10' KB)

**** Re-entry of Walton Federal #6 ****

SURFACE CASING

8-5/8", 24#, J-55
 Hole Size @ 12-1/4"
 Depth Landed @ 140' KB
 Cemented w/ 105 sx

140' KB ---->

PRODUCTION CASING

5-1/2", 15.5#, J-55
 Length @ 5261.75'
 Hole Size @ 7-7/8"
 Depth Landed @ 5270.75' KB
 Cemented w/290 sx Super G w/3% CaCl,
 2% gel. Tail w/180 sx 50/50 POZ w/
 2% gel & 1/4#/sx Celloseal.
 TOC @ 1825' from CBL

TOC @ 1825' ---->

TUBING

2-7/8", 6.5#, J-55
 146 jts @ 4719.01'
 TA @ 2-1/2" x 5-1/2" x 2.35'
 13 jts @ 419.64'
 SN @ 2-7/8" x 1.1' (2.25" ID)
 MA @ 2-7/8" x 32.5'
 Total string length @ 5188.72'
 SN landed @ 5152.10' KB

SUCKER ROD RECORD

1 - 1-1/4" x 16' Polish Rod
 1 - 3/4" x 6' Pony Rod
 1 - 3/4" x 8' Pony Rod
 205 - 3/4" x 25' D-61 Slick Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
 w/ PA plunger (#1062 Trico)

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

ACID/BREAKDOWN INFORMATION

4736'-4741' 7-16-94 by Western w/13650 gal 2% KCL.
 ATR 8 BPM @ 4500 psi, max 25 BPM @ 4980
 psi. ISIP 2831 psi. Pump 4 balls/bbl.
 5188'-5196' 7-16-94 by Western w/2058 gal 2% KCL.
 ATR 6 BPM @ 3200 psi, max 6.7 BPM @ 5000
 psi. ISIP 1730 psi. Pump 4 balls/bbl.

FRAC INFORMATION

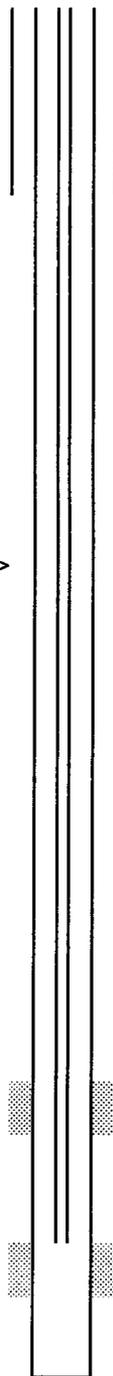
4736'-4741' 7-16-94: w/14,100# 16/30 mesh sand w/
 9254 gal 2% KCl gelled wr. ATR 25 BPM
 @ 4550 psi, max 30 BPM @ 4870 psi. ISIP
 1870 psi, 5 - 1640 psi, 10 - 1620 psi,
 15 - 1590 psi. 30 min forced closure
 at 0.4 BPM.
 5188'-5196' 7-16-94: w/14,860# 20/40 mesh sand &
 11,600# 16/30 mesh sand w/12,182 gal
 2% KCl gelled wr. ATR 30 BPM @ 3000
 psi, max 30.1 BPM @ 5050 psi. ISIP
 4400 psi, 5 - 1750, 10 - 1680, 15 min
 1660 psi. Screen out w/1660# sand
 left in csg. SI 15 min.

PERFORATION RECORD

| | | |
|-----------------|---------|--------|
| 4736'-4741' (5) | (4 SPF) | RED1 |
| 5188'-5196' (8) | (4 SPF) | GREEN4 |

<--- SN Landed @ 5152.1' KB

PBTD @ 5223' KB
 TD @ 5300' KB



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=====
State : Utah SL Merid 9S - 16E - 11 nw sw

Locality: DUCHESNE Oper: DIAMOND SHAMROCK EXPL CO

Field : MONUMENT BUTTE Compl: 09/24/1964 D O OIL

Well: GOATES FEDERAL AT #2 Last Info: 01/12/1987

Ftg: 1820 fsl 660 fwl

Oper Address: Box 631, Amarillo TX 79105

Obj: Permit #: 08/24/1964 API: 43-013-1579000

Elev: 5642KB

=====
Spud: 08/23/1964

TD: 5280

=====
Elev: 5642KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Scout,T=Govt,S=Shell,G=USGS,N=NDGS)

| Formation | Depth | Elev | T/S | Formation | Depth | Elev | T/S |
|-------------------|-------|------|-----|---------------|-------|------|-----|
| Green River | 1503 | 4139 | L T | Douglas Creek | 4668 | 974 | L T |
| basal Green River | 3872 | 1770 | L T | | | | |

<< State Records >>

Casing: 9 5/8 @ 227 w/200 - 5 1/2 @ 5250 w/120

DST : #1 4861- 4875

op 60 si 30 op 90 si 60. IF op w/GTS in 3 min incr. Rec

420 ft O&GCM. HP 2257-2251 FP 490-520 SIP 1849-1846

#2 5148- 5185

op 30

si 30 op 90 si 60. IF op w/wk blo; FF op w/strg blo decr to fr. Rec 15

Ft 0 150 ft SOCM. HP 2478-2447 FP 58-72 SIP 469-528

Perfs : ^{GS} 5155, ^{G-S} 5161, ^{GS} 5173 w/3 SPF-treat w/254 gal MA, 150 bbls pre-flus, 13800 gal O, 15500 lb sd, 4200 gal O, 4200 lb glas beads.

PZone : 4857-4870

5147-5176

IP : 230 BOPD

Journl: Contractor: Confidential Released 12-28-64 Sub Report to plug back
3-8-65 Designated Apr. 1965 8-21-72 Notice of Intend To Abandon

WELL NAME: BALCRON MONUMENT FEDERAL #13-11J

DATE: 7-29-94/ks

FIELD: Jonah Unit/Monument Butte Field

API NO.: 43-013-15790

FEDERAL LEASE NO.: U-096547

** Re-entry of Goates Federal #2 **

LOCATION: NW SW Section 11, T9S, R16E

COUNTY/STATE: Duchesne County, Utah

NET REVENUE INT.: OIL - 73.831617%
GAS - 66.359285%WORKING INTEREST: 80.51%
PRODUCING FORMATIO Green River

SPUD DATE: 6-20-94 (Orig. 8-23-64)

COMPLETION DATE:

RIG RELEASE DATE:

INITIAL PRODUCTION: 7-20-94

OIL GRAVITY:

OIL/GAS PURCHASER:

BHT:

PRESENT PROD STATUS Producing Oil Well

KB: 5642' (12' KB)

ELEVATIONS - GROUND: 5630'

PLUG BACK TD: 5213' KB

TOTAL DEPTH: 5280' KB

SURFACE CASING

PRODUCTION CASING

STRING: 1
 SIZE: 9-5/8"
 GRADE:
 WEIGHT:
 LENGTH:
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 227' KB
 CEMENT DATA: Cemented w/ 200 sx

STRING: 1
 SIZE: 5-1/2"
 GRADE:
 WEIGHT: 15.5#
 LENGTH:
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5250' KB
 CEMENT DATA: Cemented w/ 120 sx. Perfd @ 1550' &
 sqz'd w/100 sx when P&A'd in 1972.
 CEMENT TOP AT: 4580' from CBL

TUBING RECORD

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 154 jts. @ 4767'
 TUBING ANCHOR: 2-1/2" x 5-1/2" x 2.35'
 NO. OF JOINTS: 12 jts. @ 357'
 SEATING NIPPLE: 2-7/8" x 1.0' (2.25" ID)
 PERF. SUB: 2-7/8" x 4.0'
 MUD ANCHOR: 2-7/8" x 31'
 TOTAL STRING LENGTH: 5160' KB
 SN LANDED AT: 5125' KB

PERFORATION RECORD - Initial Completion

4863' RED5
 4867' RED5
 5155'-5161' (6') GREEN4
 5173' GREEN5

PERFORATION RECORD - Re-Entry

4858'-4870' (12') (4 SPF) RED5
 5150'-5162' (12') (4 SPF) GREEN4
 5172'-5174' (2') (4 SPF) GREEN5

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod
 204 - 3/4" x 25' Plain Rods

LOGS: Cement Bond - Gamma Ray Log

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
 (Trico #1060)
 STROKE LENGTH: 72"
 PUMP SPEED, SPM: 5 SPM
 PUMPING UNIT SIZE: Bethlehem 320-246L-86
 S/N C 38340K-342788
 Ajax Engine C-42,
 8-1/2 x 10, S/N 58096
 TANKS: 2 - 12' X 20' 400 Bbl
 Natco Welded, S/N's
 9D917-04, 9D917-05
 TREATER: National 4' x 12.5'
 S/N ELT5088901-10

ACID / BREAKDOWN INFORMATION

4863'-4867' 12-19-64: 500 gal mud acid.
 4858'-4870' 6-28-94: 3360 gal 2% KCl wtr. ATR
 4.8 BPM @ 1600 psi, max 4.8 BPM @
 2900 psi. ISIP 1000 psi.
 5172'-5174' 6-28-94: 2940 gal 2% KCl wtr. ATR
 4 BPM @ 2500 psi, max 5.1 BPM @
 2900 psi. ISIP 1200 psi.

FRAC INFORMATION

4863'-4867' 12-21-64: 100 Bbls 3% gelled acid
 preflush, 8000 gal w/10,000# sand,
 2000 gal w/2000# glass beads @ 32
 BPM and 2900 psi.

BALCRON MONUMENT FEDERAL #13-11J
Jonah Unit/Monument Butte Field
Lease No. U-096547
NW SW Section 11, T9S, R16E
Duchesne County, Utah

BALCRON OIL
7-29-94/ks

WELLBORE DIAGRAM

Elev. GL @ 5630'
Elev. KB @ 5642' (12' KB)

**** Re-entry of Goates Federal #2 ****

SURFACE CASING

9-5/8", Grade & Wt unknown
Hole size @ 12-1/4"
Depth landed @ 227' KB
Cemented w/ 200 sxs. Perf'd @
1550' & sqzd 100 sx when P&A'd

PRODUCTION CASING

5-1/2", 15.5#, Grade Unknown
Hole size @ 7-7/8"
Depth landed @ 5250' KB
Cemented w/ 120 sx
TOC at 4580' from CBL

TUBING

2-7/8", 6.5#, J-55
154 jts. @ 476'
TA @ 2-1/2" x 5-1/2" x 2.35'
12 jts. @ 357'
SN @ 2-7/8" x 1.0' (2.25" ID)
Perf Sub @ 2-7/8" x 4.0'
MA @ 2-7/8" x 31'
Total String Length @ 5160' KB
SN Landed @ 5125' KB

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod
204 - 3/4" x 25' Plain Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
(Trico #1060)
STROKE LENGTH: 72"
PUMP SPEED, SPM: 5 SPM
PUMPING UNIT SIZE: Bethlehem 320-246L-86
S/N C 38340K-342788
Ajax Engine C-42,
8-1/2 x 10, S/N 58096
TANKS: 2 - 12' X 20' 400 Bbl
Natco Welded, S/N's
9D917-04, 9D917-05
TREATER: National 4' x 12.5'
S/N ELT5088901-10

227' KB ---->

TOC @ 4580' ---->

ACID / BREAKDOWN INFORMATION

4863'-4867' 12-19-64: 500 gal mud acid.
4858'-4870' 6-28-94: 3360 gal 2% KCl wtr. ATR
4.8 BPM @ 1600 psi, max 4.8 BPM @
2900 psi. ISIP 1000 psi.
5172'-5174' 6-28-94: 2940 gal 2% KCl wtr. ATR
4 BPM @ 2500 psi, max 5.1 BPM @
2900 psi. ISIP 1200 psi.

FRAC INFORMATION

4863'-4867' 12-21-64: 100 Bbls 3% gelled acid
preflush, 8000 gal w/10,000# sand,
2000 gal w/2000# glass beads @ 32
BPM and 2900 psi.

PERFORATION RECORD - Initial Completion

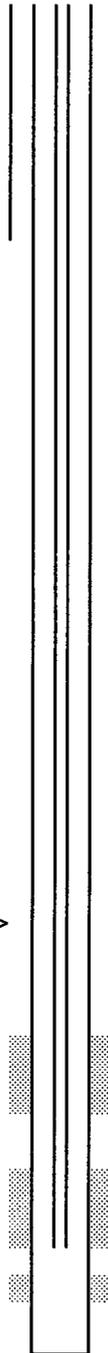
| | |
|------------------|--------|
| 4863' | RED5 |
| 4867' | RED5 |
| 5155'-5161' (6') | GREEN4 |
| 5173' | GREEN5 |

PERFORATION RECORD - Re-Entry

| | | |
|-------------------|---------|--------|
| 4858'-4870' (12') | (4 SPF) | RED5 |
| 5150'-5162' (12') | (4 SPF) | GREEN4 |
| 5172'-5174' (2') | (4 SPF) | GREEN5 |

← SN Landed @ 5125' KB

PBTD @ 5213' KB
TD @ 5280' KB



BALCRON OIL**WELL REPORT**

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WELL NAME: BALCRON MONUMENT FEDERAL #23-11J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: NE SW Section 11, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 10-21-93
 INITIAL PRODUCTION: 110 STBOPD, 165 MSCFPD, 20 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5621'
 TOTAL DEPTH: 5750' KB

DATE: 7-29-94/ks
 API NO.: 43-013-31369

NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 8-30-93
 RIG RELEASE DATE: 9-23-93
 OIL GRAVITY: 34 API
 BHT: 138 Deg.F
 KB: 5631' (10' KB)
 PLUG BACK TD: 5671' KB

SURFACE CASING

 STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 6 jts @ 270.01'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 277' KB
 CEMENT DATA: 150 sxs Class "G" w/2% CCL
 & 1/4#/sx Celoflake. Good
 cement returns to surface.

TUBING RECORD

 SIZE/GRADE/WT: 2-7/8", J-55, 6.5 #
 NO. OF JOINTS: 168 jnts @ 5250.15'
 TUBING ANCHOR: NA
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2-7/8" x 1.15' (2.25" ID)
 PERF. SUB: 2-7/8" x 3.05'
 MUD ANCHOR: 2-7/8" x 31.85' w/NC
 TOTAL STRING LENGTH: 5296.2' KB
 SN LANDED AT: 5261.3' KB

SUCKER ROD RECORD

 1 - 1-1/4" x 16' Polish Rod SM
 1 - 3/4" x 2' Pony
 1 - 3/4" x 6' Pony
 1 - 3/4" x 8' Pony
 209 - 3/4" x 25' Plain Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16 RHAC
 w/RA Plunger
 STROKE LENGTH: 64"
 PUMP SPEED: 5 SPM
 PUMPING UNIT SIZE:

PRODUCTION CASING

 STRING: 1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 #
 LENGTH: 5740.67'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5730.67' KB
 CEMENT DATA: 90 sxs Hifill & tail
 w/350 sxs 50-50 POZ
 CEMENT TOP AT: 2510' from CBL

PERFORATION RECORD

 4710'-4717' (7') (2 SPF) RED 1
 4840', 4844', 4848', 4850' (1 SPF) RED 5
 4858', 4864' (1 SPF) RED 5
 4962', 4968', 4984', 4988' (1 SPF) GREEN 1
 4992', 4994', 4996', 4998' (1 SPF) GREEN 1
 5155'-5162' (7) (2 SPF) GREEN 4
 5171'-5181' (10') (2 SPF) GREEN 4

PROPOSED REPERFORATING

 4836'-4844' (8") (2 SPF) RED 5
 4848'-4850' (2") (2 SPF) RED 5
 4858'-4864' (6") (2 SPF) RED 5
 4962'-4968' (6") (2 SPF) GREEN 1
 4986'-4989' (3") (2 SPF) GREEN 1
 4992'-4998' (6") (2 SPF) GREEN 1

LOGS: Compensated Neutron/Litho-Density Log;
 Dual Laterolog Micro-SFL; Mud Log; Cement
 Bond/Gamma-Ray & CCL Log

BREAKDOWN INFORMATION

5155'-5181' KB - 9-27-93: By Western w/4,263 gals 2% KCl wtr. ATP 1800 psi, max 2200 psi. ATR 5 BPM.

4984'-4998' KB &
4962'-4968' KB &
4840'-4864' KB - 9-30-93: By Western w/5,800 gals 2% KCL wtr.

4710'-4717' KB - 10-1-93: By Western w/1974 gals 2% KCL wtr. ATP 2600 psi, max 4000 psi. ATR 5 BPM, max 5.2 BPM. ISIP 1500 psi.

FRAC INFORMATION

5155'-5181' KB - 9-28-93: By Western w/28,200# 20/40 mesh sand & 29,180# 16/30 mesh sand w/18,732 gals 2% KCL gelled wtr. ATP 1800 psi. ATR 25.1 BPM. ISIP 1900 psi, 5 min 1570 psi, 10 min 1460 psi, 15 min 1430 psi.

4984'-4998' KB &
4962'-4968' KB &
4840'-4864' KB - 10-1-93: By Western w/30,700# 20/40 mesh sand & 29,500# 16/30 mesh sand w/23,604 gals 2% KCL gelled wtr. ATP 2200 psi, max 3000 psi. ATR 25 BPM, max 35 BPM. ISIP 1600 psi.

4710'-4717' KB - 10-1-93: By Western w/20,000# 16/30 mesh sand w/11,634 gals 2% KCL gelled wtr. ATR 19.5 BPM, max 21.1 BPM. ISIP 2000 psi. 5 min 1690 psi, 10 min 1590 psi, 15 min 1530 psi.

BALCRON MONUMENT FEDERAL #23-11J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 NE SW Section 11, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-29-94/ks

74

WELLBORE DIAGRAM

Elev. Gr @ 5621'
 Elev. KB @ 5631' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 270.01'
 Hole size @ 12-1/4"
 Depth landed @ 277' KB
 Cemented w/150 sxs Class "G" w/2% CCL
 & 1/4#/sx Celoflake. Good returns

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5740.67'
 Hole size @ 7-7/8"
 Depth landed @ 5730.67' KB
 Cemented w/90 sxs Hifill & tail
 w/350 sxs 50-50 POZ.
 TOC @ 2510' from CBL

TUBING

2-7/8", 6.5#, J-55
 168 jnts @ 5250.15'
 SN @ 2-7/8" x 1.15' (2.25" ID)
 Perf. Sub 2-7/8" x 3.05"
 MA 2-7/8" x 31.85' w/NC
 Total string length @ 5296.2' KB
 SN landed @ 5261.3' KB

ROD STRING

1 - 1-1/4" x 16' Polish Rod SM
 1 - 3/4" x 2' Pony
 1 - 3/4" x 6' Pony
 1 - 3/4" x 8' Pony
 209 - 3/4" x 25' Plain Rods

Pump size @ 2-1/2" x 1-1/2" x 16 RHAC
 w/RA Plunger

Stroke length @ 64"
 Pump Speed @ 5 SPM

SN landed @ 5261.3' KB ---->

277' KB---->

TOC @ 2510' ---->

BREAKDOWN JOBS

5155'-5181' KB - 9-27-93:By Western w/ 4263 gals
 2% KCl wtr. ATP 1800 psi, max 2200
 psi. ATR 5 BPM.
 4840'-4998' KB - 9-30-93:By Western w/ 5800 gals
 2% KCl wtr.
 4710'-4717' KB - 10-1-93:By Western w/ 1974 gals
 2% KCl wtr. ATP 2600 psi, max 4000
 psi. ATR 5 BPM. ISIP 1500 psi

FRAC JOBS

5155'-5181' KB - 9-28-93:By Western w/ 28,200# 20/40
 mesh & 29,180# 16/30 mesh sand w/
 18,732 gal 2% KCl gelled wtr.
 4840'-4998' KB - 10-1-93:By Western w/ 30,700# 20/40
 mesh & 29,500# 16/30 mesh sand w/
 23,604 gal 2% KCL gelled wtr.
 4710'-4717' KB - 10-1-93:By Western w/ 20,000# 16/30
 mesh sand w/ 11,634 gal 2% KCl
 gelled water.

PERFORATION RECORD

| | | |
|----------------------------|---------|---------|
| 4710'-4717' (7') | (2 SPF) | RED 1 |
| 4840', 4844', 4848', 4850' | (1 SPF) | RED 5 |
| 4858', 4864' | (1 SPF) | RED 5 |
| 4962', 4968', 4984', 4988' | (1 SPF) | GREEN 1 |
| 4992', 4994', 4996', 4998' | (1 SPF) | GREEN 1 |
| 5155'-5162' (7') | (2 SPF) | GREEN 4 |
| 5171'-5181' (10') | (2 SPF) | GREEN 4 |

PROPOSED REPERFORATING

| | | |
|------------------|---------|---------|
| 4836'-4844' (8') | (2 SPF) | RED 5 |
| 4848'-4850' (2') | (2 SPF) | RED 5 |
| 4858'-4864' (6') | (2 SPF) | RED 5 |
| 4962'-4968' (6') | (2 SPF) | GREEN 1 |
| 4986'-4989' (3') | (2 SPF) | GREEN 1 |
| 4992'-4998' (6') | (2 SPF) | GREEN 1 |

PBTD @ 5671' KB
 TD @ 5750' KB

75

=====
State : Utah SL Merid 9S - 16E - 11 nw se

County: DUCHESNE Oper: SHAMROCK OIL & GAS CO

Field : MONUMENT BUTTE Compl: 08/03/1964 D O OIL

=====
Well: WALTON FEDERAL #3 Last Info: 01/12/1987

Ftg: 2080 fsl 1974 fel

Obj: Permit #: 06/19/1964 API: 43-013-1579400
Elev: ~~5663KB~~ 5620 KB

=====
Spud: 06/19/1964

TD: 5317

=====
Elev: 5663KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Scout,T=Govt,S=Shell,G=USGS,N=NDGS)

| Formation | Depth | Elev | T/S | Formation | Depth | Elev | T/S |
|-------------------|-------|------|-----|---------------|-------|------|-----|
| Green River | 1520 | 4143 | L T | Douglas Creek | 4688 | 975 | L T |
| basal Green River | 3895 | 1768 | L T | | | | |

<< State Records >>

Casing: 9 5/8 @ 230 w/200 - 5 1/2 @ 5020 w/125

DST : #1 4230- 4295

op 30 si 30 op led si 60. IF op w/wk blo to end of test.

Rec 5 ft SMCO very HPP. HP 1931-1931 FP 21-21 SIP 270-270

#2 4877- 4900

op 30 si 30 op 60 si 60. IF op w/wk blo thruout test. Rec 909 ft

DMVSOC.

#3 4971- 4983

op 30 si 30 op 60 si 60. IF op w/wk blo

thruout test. Rec 3 ft blk HPP oil, 700 ft VSOCM. HP 2327-2307 FP 146-

208 SIP 459-814

Perfs : RS

4891 w/5 holes - 250 gal MA w/102 bbls Ashley Valley Crude w/50 lb

adomite per 1000 gal w/250 gal MA 137 bbls pre-flush 14700 gal crude

16800 lbs 20-40 mesh sd, 4200 gal crude 4000 lbs 8-12 mesh glass beads

flushed w/130 bbls crude

PZone : 4220-4240

4865-4893

4970-4987

IP : 130 BOPD 5 BWPD

130 BOPD grav 34.8, 5 BWPD

Journal: Contractor: Miracle & Wooster Confidential Released 12-28-64

Designated 1964 2-22-74 Sub. Report of Abandoned

BALCRON OIL

WELL REPORT

WELL NAME: BALCRON MONUMENT FEDERAL #33-11J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: NW SE Section 11, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 80.51%
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 7-25-94
 INITIAL PRODUCTION:
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5608' GL
 TOTAL DEPTH: 5800'

DATE: 7-27-94 /mc

API NO.: 43-013-31451

** Replacement Well for Walton Federal #3 **

NET REVENUE INT.: OIL - 73.831617%
 GAS - 66.359285%
 SPUD DATE: 6-16-94
 RIG RELEASE DATE: 6-28-94
 OIL GRAVITY:
 BHT: 139 Deg F
 KB: 5618' KB
 PLUG BACK TD: 5747.11' KB

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts @ 266.45'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 276.45' KB
 CEMENT DATA: By Western w/165 sxs "G" w/
 2% CCL & 1/4#/sx Celoflake.
 Cemented to surface.

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts @ 5780.91'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5791.51' KB
 CEMENT DATA: 240 sxs Super "G" w/additives &
 243 sxs 50-50 POZ w/additives.
 CEMENT TOP AT: 2090' from CBL

TUBING RECORD

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 148 jts @ 4802.62'
 TUBING ANCHOR: 2-1/2 x 5-1/2" x 2.35'
 NO. OF JOINTS: 13 @ 422.13'
 SEATING NIPPLE: 2-7/8" x 1.10' (2.25" ID)
 PERF. SUB: 2-7/8" x 4.12'
 MUD ANCHOR: 2-7/8" x 32.5'
 TOTAL STRING LENGTH: 5274.82' KB
 SN LANDED AT: 5238.2' KB

PERFORATION RECORD

| | | |
|-------------------|---------|--------|
| 4861'-4864' (3') | (4 SPF) | RED5 |
| 4868'-4883' (15') | (4 SPF) | RED5 |
| 5191'-5195' (4') | (4 SPF) | GREEN4 |
| 5200'-5208' (8') | (4 SPF) | GREEN4 |

CORES TAKEN

4840'-4870' (4845'-4875' LOGS) 30' REC'D 30' (RED5)
 5158'-5169' (5165'-5176' LOGS) 11' REC'D 11' (GREEN4)
 5169'-5205' (5176'-5212' LOGS) 36' REC'D 37' (GREEN4)
 5370'-5423' (5374'-5427' LOGS) 53' REC'D 54' (BSF)

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod
 1 - 3/4" x 2' Pony
 2 - 3/4" x 8' Ponies
 208 - 3/4" x 25' D-61 Slick Rods

ACID / BREAKDOWN INFORMATION

4861'-4864' 7-11-94: 3,654 gal 2% KCl wtr. ATR
 4.5 BPM @ 3300 psi, max 6 BPM @
 4800 psi. ISIP 1700 psi.

LOGS: Dual Laterolog w/ MSFL, Compensated Neutron/
 Litho-Density w/ Gamma Ray & Caliper, Mudlog,
 Cement Bond/Gamma Ray Log.

FRAC INFORMATION

4861'-4864' 7-11-94: 53,640# 16/30 mesh sand w/
 19,130 gal 2% KCl gelled wtr. ATR
 30.4 BPM @ 2500 psi, max 30.7 BPM @
 2830 psi. ISIP 2000 psi, 5 - 1460 psi,
 10 - 1370 psi, 15 - 1210 psi.
 5191'-5208' 7-11-94: 36,800# 16/30 mesh sand w/
 15,960 gal 2% KCl gelled wtr. ATR
 30 BPM @ 1900 psi. ISIP 1800 psi.

PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC
 w/ PA Plunger (#1061 Trico)

STROKE LENGTH: 85"
 PUMP SPEED, SPM: 4.5
 PUMPING UNIT SIZE: Bethlehem 320-246L-86

S/N: C 374 48K-338567
 ENGINE DATA: Ajax E-42 8-1/2 x 10
 S/N: 48570

TANK DATA: Two 400-bbl 12'x20' Welded
 S/N #1: 9D 917-02
 S/N #2: 9D 917-03

TREATER DATA: Natco 4'x12-1/2' Horizontal
 S/N: ELT5089 00109 Model HRM

BALCRON MONUMENT FEDERAL #33-11J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 NW SE Section 11, T9S, R16E
 Duchesne County, Utah

BALCRON OIL 77
 7-27-94 /mc

WELLBORE DIAGRAM

Elev. GL @ 5608'
 Elev. KB @ 5618' (10' KB)

** Replacement Well for Walton Federal #3 **

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 266.45'
 Hole size @ 12-1/4"
 Depth landed @ 276.45' KB
 Cemented w/165 sxs Class "G"
 w/2% CaCl & 1/4#/sxs Celloflake.
 Good returns to surface.

276.45' KB-->

PRODUCTION CASING

5-1/2", 15.5#, J-55
 Length @ 5780.91'
 Hole size @ 7-7/8".
 Depth landed @ 5791.51' KB.
 Cemented w/240 sxs Super "G" w/
 47# ULG, 20 bbls/sx POZ, 17#/sx CSC,
 3% salt & 2% gel. Tail w/243
 sxs 50-50 POZ w/2% gel & 1/4#/sx
 Celloflakes.
 TOC @ 2090' from CBL

TOC @ 2090' -->

TUBING

2-7/8", 6.5#, J-55
 148 jts @ 4802.62'
 TA @ 2-1/2 x 5-1/2" x 2.35'
 13 jts @ 422.13'
 SN @ 2-7/8" x 1.10' (2.25" ID)
 Perf Sub @ 2-7/8" x 4.12'
 MA @ 2-7/8" x 32.5'
 Total String Length @ 5274.82' KB
 SN Landed @ 5238.2' KB

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod
 1 - 3/4" x 2' Pony
 2 - 3/4" x 8' Ponies
 208 - 3/4" x 25' D-61 Slick Rods

PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC
 w/ PA Plunger (#1061 Trico)

STROKE LENGTH: 85"
 PUMP SPEED, SPM: 4.5
 PUMPING UNIT SIZE: Bethlehem 320-246L-86
 S/N: C 374 48K-338567

ENGINE DATA: Ajax E-42 8-1/2 x 10
 S/N: 48570

TANK DATA: Two 400-bbl 12'x20' Welded
 S/N #1: 9D 917-02
 S/N #2: 9D 917-03

TREATER DATA: Natco 4'x12-1/2' Horizontal
 S/N: ELT5089 00109 Model HRM

ACID / BREAKDOWN INFORMATION

4861'-4864' 7-11-94: 3,654 gal 2% KCl wtr. ATR
 4.5 BPM @ 3300 psi, max 6 BPM @
 4800 psi. ISIP 1700 psi.

FRAC INFORMATION

4861'-4864' 7-11-94: 53,640# 16/30 mesh sand w/
 19,130 gal 2% KCl gelled wtr. ATR
 30.4 BPM @ 2500 psi, max 30.7 BPM @
 2830 psi. ISIP 2000 psi, 5 - 1460 psi,
 10 - 1370 psi, 15 - 1210 psi.

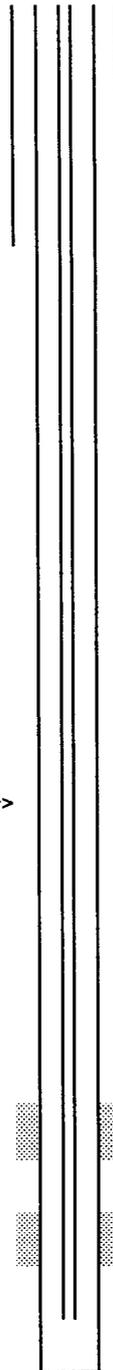
5191'-5208' 7-11-94: 36,800# 16/30 mesh sand w/
 15,960 gal 2% KCl gelled wtr. ATR
 30 BPM @ 1900 psi. ISIP 1800 psi.

PERFORATION RECORD

| Interval | SPF | Color |
|-------------------|---------|--------|
| 4861'-4864' (3') | (4 SPF) | RED5 |
| 4868'-4883' (15') | (4 SPF) | RED5 |
| 5191'-5195' (4') | (4 SPF) | GREEN4 |
| 5200'-5208' (8') | (4 SPF) | GREEN4 |

← SN Landed @ 5238.2' KB

PBTD @ 5747.11' KB
 TD @ 5800' KB



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=====
State : Utah SL Merid 9S - 16E - 11 ne se

County: DUCHESNE Oper: DIAMOND SHAMROCK EXPL CO

Field : MONUMENT BUTTE Compl: 11/29/1984 D D P&A

Well: WALTON FEDERAL #43-11 Last Info: 01/04/1986

Ftg: 2127 fsl 689 fel

Oper Address: Box 631, Amarillo TX 79105

Obj: 6000 Wasatch Permit #: 10/02/1984 API: 43-013-3100200

Elev: 5581GR *5592 KB*

Spud: 11/15/1984 Contr: Olsen #5

TD: 6030 on 11/26/1984 Wasatch

=====
Elev: 5581GR FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Scout,T=Govt,S=Shell,G=USGS,N=NDGS)

| Formation | Depth | Elev | T/S | Formation | Depth | Elev | T/S |
|---------------|-------|------|-----|---------------|-------|------|-----|
| Green River | 1156 | 4425 | L H | Douglas Creek | 4669 | 912 | L H |
| oil shale | 1581 | 4000 | L H | upr Black sh | 5372 | 209 | L H |
| Horsebench Ss | 2221 | 3360 | L H | Wasatch | 5534 | 47 | L H |
| bs oil sh | 3114 | 2467 | L H | lwr blk shale | 5966 | -385 | L H |
| Garden Gulch | 3662 | 1919 | L H | | | | |

=====
Casing: 8 5/8 @ 282 w/190

Core : None
DST : None reported

Logs : GR DLL CDL CN

nl: 12/3/84 rig reported on site.
1/30/85 plugged & abandoned.

WELL NAME: BALCRON MONUMENT FEDERAL #43-11J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: NE SE Section 11, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.79942652
 PRODUCING FORMATIO: Green River
 COMPLETION DATE:
 INITIAL PRODUCTION:
 OIL/GAS PURCHASER:
 PRESENT PROD STATUS:
 ELEVATIONS-GROUND: 5581'
 TOTAL DEPTH: 5252' KB

DATE: 7-28-94/ks

API NO.: 43-013-31002

Re-entry of Walton Federal #43-11

NET REVENUE INT.: 0.6582

SPUD DATE: 7-7-94 (Orig. 11-15-84)
 RIG RELEASE DATE: 7-21-94
 OIL GRAVITY:
 BHT:
 KB: 5592' (11' KB)
 PLUG BACK TD: 5221' KB

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 lbs.
 LENGTH:
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 282' KB
 CEMENT DATA: 190 sxs Class "G", 2% CCL &
 1/4#/sx Celoflake

TUBING RECORD

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: NA
 TUBING ANCHOR: NA - Injection well
 NO. OF JOINTS: NA - Injection well
 SEATING NIPPLE: 2-7/8" x 1.1' (2.25" ID)
 PERF. SUB: NA - Injection well
 MUD ANCHOR: NA - Injection well
 TOTAL STRING LENGTH: NA
 SN LANDED AT: Propose 4651' KB immediately
 above Arrow Set-1 injection packer

SUCKER ROD RECORD

None anticipated - Injection well

PUMP SIZE: None anticipated - Injection well

STROKE LENGTH: NA
 PUMP SPEED, SPM: NA
 PUMPING UNIT SIZE: None anticipated - Injection well

LOGS: Dual Laterolog - MSFL, Formation Density -
 Compensated Neutron Log, Cement Bond - Gamma Ray
 Log.

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 121 jts @ 5243.2'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5251.2' KB
 CEMENT DATA: 272 sx Super G w/3% salt, 2% gel, &
 tail w/180 sx 50/50 POZ w/2% gel &
 1/4#/sx Celoflakes.
 CEMENT TOP AT: 2040' KB from CBL

PERFORATION RECORD

| | | |
|------------------|-----------|--------|
| 4714'-4718' (4') | (1 SPF) | RED1 |
| 4854'-4857' (3') | (1 SPF) | RED5 |
| 4862'-4869' (7') | (4 Shots) | RED5 |
| 4998'-5002' (4') | (1 SPF) | GREEN1 |
| 5184'-5191' (7') | (1 SPF) | GREEN4 |

ACID/BREAKDOWN JOBS

4998'-5191' 2478 gal 2% KCl wtr. ATR 5 BPM @
 2200 psi, max 6 BPM @ 3600 psi.
 ISIP 1600 psi.

4714'-4869' 2058 gal 2% KCl wtr. ATR 5 BPM @
 3600 psi, max 7 BPM @ 5000 psi.
 ISIP 1150 psi. Pumped 2 balls/bbl

FRAC JOBS

4998'-5191' 7-27-94: By Western w/54,380# 16/30
 mesh sand w/17682 gal 2% KCL gelled
 wtr. ATR 29 BPM @ 3530 psi, max
 30.4 BPM @ 4800 psi. ISIP 2350 psi,
 5 - 1630 psi, 10 - 1560 psi, 15 -
 1490 psi.

4714'-4869' 7-27-94: By Western w/19,860# 20/40
 mesh sand & 5100# 16/30 mesh sand
 w/15372 gal 2% KCL gelled wtr. ATR
 20.7 BPM @ 4000 psi, max 36.1 BPM
 @ 5000 psi. ISIP 2250 psi, 5 - 2250
 psi, 10 - 2150 psi, 15 - 2100 psi.

BALCRON MONUMENT FEDERAL #43-11J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 NE SE Section 11, T9S, R16E
 Duchesne County, Utah

BALCRON OIL ⁸⁰
 8-1-94/ks

WELLBORE DIAGRAM

Elev. GL @ 5581'
 Elev. KB @ 5592' (11' KB)

****Re-entry of Walton Federal #43-11****

SURFACE CASING

8-5/8", 24#, J-55
 Hole Size @ 12-1/4"
 Depth Landed @ 282' KB
 Cemented w/ 190 sx Class G w/
 2% CaCl & 1/4#/sx Flocele.

282' KB -->

PRODUCTION CASING

5-1/2", 15.5#, J-55
 Length @ 5243.2'
 Hole Size @ 7-7/8"
 Depth Landed @ 5251.2' KB
 Cemented w/ 272 sx Super G w/3% salt, 2%
 gel, tail w/180 sx 50/50 POZ w/2% gel
 & 1/4#/sx Celoflakes.
 TOC @ 2040' from CBL

TUBING

2-7/8", 6.5#, J-55
 Propose to land SN @ 4651' KB,
 immediately above injection packer
 to be set @ 4650' KB.
 Well currently being swab tested.

TOC @ 2040' -->

SUCKER ROD RECORD

None anticipated - Injection well

PUMP SIZE: None anticipated - Injection well

STROKE LENGTH: NA
 PUMP SPEED, SPM: NA
 PUMPING UNIT SIZE: None anticipated - Injection well

ACID/BREAKDOWN JOBS

4998'-5191' 2478 gal 2% KCl wtr. ATR 5 BPM @
 2200 psi, max 6 BPM @ 3600 psi.
 ISIP 1600 psi.

4714'-4869' 2058 gal 2% KCl wtr. ATR 5 BPM @
 3600 psi, max 7 BPM @ 5000 psi.
 ISIP 1150 psi. Pumped 2 balls/bbl

FRAC JOBS

4998'-5191' 7-27-94: By Western w/54,380# 16/30
 mesh sand w/17682 gal 2% KCL gelled
 wtr. ATR 29 BPM @ 3530 psi, max
 30.4 BPM @ 4800 psi. ISIP 2350 psi,
 5 - 1630 psi, 10 - 1560 psi, 15 -
 1490 psi.

4714'-4869' 7-27-94: By Western w/19,860# 20/40
 mesh sand & 5100# 16/30 mesh sand
 w/15372 gal 2% KCL gelled wtr. ATR
 20.7 BPM @ 4000 psi, max 36.1 BPM
 @ 5000 psi. ISIP 2250 psi, 5 - 2250
 psi, 10 - 2150 psi, 15 - 2100 psi.

PERFORATION RECORD

| | | |
|------------------|-----------|--------|
| 4714'-4718' (4') | (1 SPF) | RED1 |
| 4854'-4857' (3') | (1 SPF) | RED5 |
| 4862'-4869' (7') | (4 Shots) | RED5 |
| 4998'-5002' (4') | (1 SPF) | GREEN1 |
| 5184'-5191' (7') | (1 SPF) | GREEN4 |

PBTD @ 5221' KB
 TD @ 5252' KB

WELL NAME: BALCRON MONUMENT FEDERAL #14-11J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096547
 LOCATION: SW SW Section 11, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 10-27-93
 INITIAL PRODUCTION: 20 STBOPD, 600 MSCFPD, 8 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5661'
 TOTAL DEPTH: 5720' KB

DATE: 6-21-94 /ks

API NO.: 43-013-31374

NET REVENUE INT.: Oil - 0.73831617
 Gas - 0.66359285
 SPUD DATE: 9-20-93
 RIG RELEASE DATE: 9-30-93
 OIL GRAVITY: 34 API
 BHT: 135 Deg. F
 KB: 5671'(10' KB)
 PLUG BACK TD: 5668' KB

SURFACE CASING

 STRING: _____ #1
 SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24 lbs
 LENGTH: 6 jts @ 271.35'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 281' KB
 CEMENT DATA: 150 sxs "G" w/2% CCL & 1/4#/sx
 Celloflake.

TUBING RECORD

 SIZE/GRADE/WT: 2 7/8", J-55, 6.5#
 NO. OF JOINTS: 180 jts @ 5548'
 TUBING ANCHOR: N/A
 NO. OF JOINTS: N/A
 SEATING NIPPLE: 2-7/8" x 1.10'
 PERF. SUB: 2-7/8" x 3'
 MUD ANCHOR: None
 TOTAL STRING LENGTH: 5594' KB
 SN LANDED AT: 5560' KB

SUCKER ROD RECORD

 1 - 1-1/4" x 16' Polish Rod
 1 - 3/4" x 4' Pony
 222 - 3/4" x 25' Plain Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16'
 RWAC w/ PA Plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4
 PUMPING UNIT SIZE: Lufkin C228D-246-86
 S/N D82350N-433254
 Ajax Engine S/N unknown

PRODUCTION CASING

 STRING: _____ #1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs
 LENGTH: 5689.92'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5699.92' KB
 CEMENT DATA: 136 sxs "G" w/4% Thriftylite,
 3% salt, 3%CSI, 1/4#/sx
 Celloflake & tail w/ 206 sx
 50-50 POZ w/2%gel, 10% salt
 1/4#/sx Celloflake.
 CEMENT TOP AT: 4020' from CBL

PERFORATION RECORD

 5175'-5188' KB (13') (2 SPF) GREEN 5
 5553'-5556' KB (3') (2 SPF) BLUE 1

LOGS: Litho-Density Compensated Neutron Gamma Ray;
 Dual Laterology/MSFL Gamma Ray; Repeat Formation
 Test Gamma Ray; Mud Log; Cement Bond/Gamma Ray
 Log.

BALCRON MONUMENT FEDERAL #14-11J
Jonah Unit / Monument Butte Field
Lease No. U-096547
SW SW Section 11, T9S, R16E
Duchesne County, Utah

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ACID INFORMATION

5553' - 5556' KB - 10-5-93: By Western w/49 bbls 2% KCL wtr. ATP 3200 psi, max 3800 psi.
ATR 3.8 BPM, max 4.1 BPM. ISIP 1600 psi.

5175' - 5188' KB - 10-6-93: By Western w/77 bbls 2% KCL wtr. ATP 2550 psi, max 3600 psi.
ATR 5 BPM, max 6.4 BPM. ISIP 1400 psi.

FRAC INFORMATION

5553' - 5556' KB - (Stage One) 10-6-93: By Western w/15,000# 16/30 mesh sand w/9,200 gals
2% KCL gelled wtr. ATP 3000 psi, max 3350 psi. ATR 18.7 BPM
max 18.9 BPM. ISIP 1950 psi, 5 min 1660 psi, 10 min 1580 psi,
15 min 1550 psi.

5175' - 5188' KB - 10-7-93: By Western w/16,300# 20/40 mesh sand & 16,200# 16/30
mesh sand w/18,432 gals 2% KCL gelled wtr. ATP 2250 psi,
max 2710 psi. ATR 20.4 BPM, max 20.6 BPM. ISIP 2000 psi,
5 min, 10 min 1800 psi, 15 min 1750 psi.

BALCRON MONUMENT FEDERAL #14-11J
 Jonah Unit / Monument Butte Field
 Lease No. U-096547
 SW SW Section 11, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 6-21-94 /ks

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WELLBORE DIAGRAM

Elev. GL @ 5661'
 Elev. KB @ 5671' (10' KB)

SURFACE CASING

8-5/8", 24#, K-55
 Length @ 271.35'
 Hole size @ 12-1/4".
 Depth Landed @ 281' KB.
 Cemented w/150 sxs "G" w/2% CCL
 & 1/4#/sx Celloflake.
 Cement to surface.

281' KB -->

PRODUCTION CASING

5-1/2", 15.5#, K-55 (132 jts)
 Landed @ 5699.92' KB.
 Cemented w/136 sxs "G" w/4% Trifty-Lite,
 3% Salt, 3#/sx CSI, 1/4#/sx Celloseal; &
 tail w/206 sxs 50-50 POZ w/2% gel, 10% salt,
 1/4#/sx Celloseal.
 Cement top @ 4020' per CBL
 Hole size @ 7-7/8"

TOC @ 4020' -->

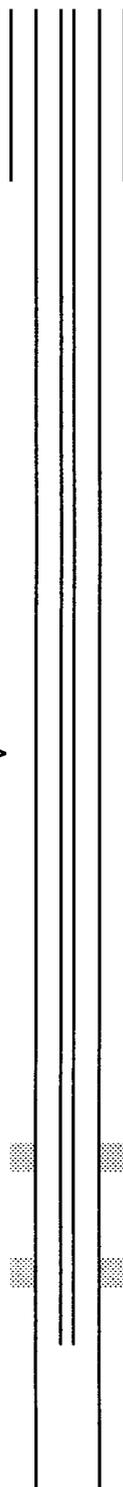
TUBING

2-7/8", 6.5#, J-55
 180 joints @ 5548'
 Landed @ 5594' KB
 S.N. @ 1.10'
 Perf Sub @ 3.2'
 Total String Length @ 5594'

SUCKER ROD RECORD

1 - 1-1/4" x 16' Polish Rod
 1 - 3/4" x 4' Pony
 222 - 3/4" x 25' Plain Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16'
 RWAC w/ PA Plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4
 PUMPING UNIT SIZE Lufkin C228D-246-86
 S/N D82350N-433254
 Ajax Engine S/N unknown



ACID JOBS

5553'-5556' KB - 10-5-93: By Western w/49 bbls 2% KCL
 wtr. ATP 3200 psi, max 3800 psi.
 ATR 3.8 BPM, max 4.1 BPM. ISIP 1600 psi.

5175'-5188' KB - 10-7-93: By Western w/77 bbls 2% KCL
 wtr. ATP 2550 psi, max 3600 psi.
 ATR 5 BPM, max 6.4 BPM. ISIP 1400 psi.

FRAC JOBS

5553'-5556' KB - 10-6-93: By Western w/15,000# 16/30
 mesh sand w/9,200 gals 2% KCL
 gelled wtr. ATP 3000 psi, max 3350
 psi. ATR 18.7 BPM, max 18.9 BPM.
 ISIP 1950 psi, 5 min 1660 psi,
 10 min 1580 psi, 15 min 1550 psi.

5175'-5188' KB - 10-7-93: By Western w/16,300# 20/40
 mesh sand & 16,200# 16/30 mesh sand
 w/18,432 gals 2% KCL gelled wtr.
 ATP 2250 psi, max 2710 psi. ATR 20.4
 BPM, max 20.6 BPM. ISIP 2000 psi,
 5 min 1900 psi, 10 min 1800 psi,
 15 min 1750 psi.

PERFORATION RECORD

| | | |
|----------------------|---------|---------|
| 5175'-5188' KB (13') | (2 SPF) | GREEN 5 |
| 5553'-5556' KB (3') | (2 SPF) | BLUE 1 |

<--SN landed @ 5560' KB

PBTD @ 5668'
 TD @ 5720' KB

WELL NAME: GOATES FEDERAL # 1-11
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096547
 LOCATION: SE SW Sec.11,T9S,R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.79942652
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 8-22-64
 INITIAL PRODUCTION: 393 STBOPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 4 STBOPD
 ELEVATIONS - GROUND: 5565'
 TOTAL DEPTH: 5196' KB

DATE: 6-27-94

API NO.: 43-013-15789

NET REVENUE INT.: 0.72981781

SPUD DATE: 7-22-64
 RIG RELEASE DATE: 8-11-64
 OIL GRAVITY: 35.7 API
 BHT: 124 DEG F
 KB: 5577' (12' KB)
 PLUG BACK TD:

SURFACE CASING

STRING: _____ 1 _____
 CSG SIZE: 9 5/8"
 GRADE: J-55
 WEIGHT: 32.2 lbs.
 LENGTH: 218'
 DEPTH LANDED: 228' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 200 sx

PRODUCTION CASING

STRING: _____ 1 _____
 CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5 lbs.
 LENGTH: 4847'
 DEPTH LANDED: 4857' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 240 sx

CEMENT TOP AT: Unknown

TUBING RECORD

SIZE/GRADE/WT.: 2 3/8", J-55, 4.6 lbs.
 NO. OF JOINTS: 151 jts. @ 4681'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 3/8" x 1.1'
 PERF. SUB: 2 3/8" x 3'
 MUD ANCHOR: 2 3/8" x 30'
 TOTAL STRING LENGTH: 4727.1' KB
 SN LANDED AT: 4692' KB

SUCKER ROD RECORD

187 - 3/4" x 25' Plain Rods
 1 - 1 1/2" x 22' Polish Rod

PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114
 (serviced 10-16-92)

LOGS: Sonic Log/Gamma Ray Log

PERFORATION RECORD

4624'-4631' (7') (4 SPF) RED1

PROPOSED PERFORATIONS (2/94)

4764'-4776' (12') (1 SPF) RED5
 4783'-4789' (6') (1 SPF) RED5
 5048'-5053' (5') (1 SPF) GREEN3
 5058'-5072' (14') (1 SPF) GREEN3
 5094'-5098' (4') (1 SPF) GREEN4

ACID JOB

4624'-4631' KB 250 gal mud acid

FRAC JOB

4624'-4631' KB 8-14-64 w/ 110 Bbls Ashley Valley crude
 preflush, 13,650 gal crude w/ 16,725 lbs
 20/40 mesh sand, 4200 gal crude w/ 4200
 lbs 8/12 mesh glass beads, 125 bbls crude
 @ 27 BPM @ 3800 psig.

GOATES FEDERAL # 1-11
 Jonah Unit/Monument Butte Field
 Lease No. U-096547
 SE SW Sec.11,T9S,R16E
 Duchesne County, Utah

BALCRON OIL
 6-24-94/ks

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Wellbore Diagram

Elev. GL @ 5565'
 Elev. KB @ 5577' (12' KB)

SURFACE CASING

9 5/8", 32.2#, J-55
 7 jts. @ 218'
 Landed @ 228' KB
 Hole Size @ 12 1/4"
 Cemented w/200 sx.

PRODUCTION CASING

5 1/2", 15.5#, J-55
 156 jts @ 4847'
 Landed @ 4857' KB
 Hole Size @ 7 7/8"
 Cemented w/ 240 sx.
 TOC Unknown

TUBING RECORD

2 3/8", 4.6#, J-55
 151 jts. @ 4681'
 SN - 2/8" x 1.1'
 Perf. Sub - 2 3/8" x 3'
 Mud Anchor - 2 3/8" x 30'
 Total String Length - 4727.1' KB
 SN Landed @ 4692' KB

SUCKER ROD RECORD

187 - 3/4" x 25' Plain Rods
 1 - 1 1/2" x 22' Polish Rod

PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114
 (serviced 10-16-92)

228' KB --->

ACID JOB

4624'-4631' KB 250 gal mud acid.

FRAC JOB

4624'-4631' KB 8-14-64 w/ 110 Bbls Ashley Valley crude preflush, 13,650 gal crude w/ 16,725 lbs 20/40 mesh sand, 4200 gal crude w/ 4200 lbs 8/12 mesh glass beads, 125 bbls crude @ 27 BPM @ 3800 psig.

PERFORATION RECORD

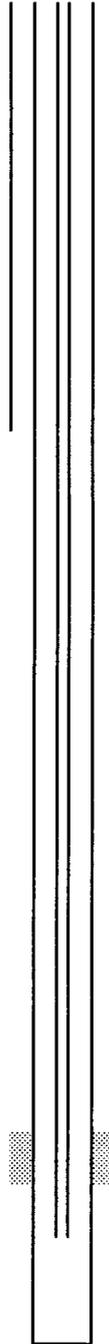
4624'-4631' (7') (4 SPF) RED1

PROPOSED PERFORATIONS (2/94)

| | | |
|-------------------|---------|---------|
| 4764'-4776' (12') | (1 SPF) | RED 5 |
| 4783'-4789' (6') | (1 SPF) | RED 5 |
| 5048'-5053' (5') | (1 SPF) | GREEN 3 |
| 5058'-5072' (14') | (1 SPF) | GREEN 3 |
| 5094'-5098' (4') | (1 SPF) | GREEN 4 |

<-SN @ 4692' KB

TD @ 5196' KB



BALCRON OIL**WELL REPORT**

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WELL NAME: WALTON FEDERAL #34-11
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: SW SE Sec.11,T9S,R16E
 COUNTY/STATE: Duchesne County,Utah
 WORKING INTEREST: 0.79942652
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 12/30/84
 INITIAL PRODUCTION: 63 STBOPD, 50 MCFPD, 15 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 5 STBOPD, 20 MCFPD
 ELEVATIONS - GROUND: 5534'
 TOTAL DEPTH: 6000' KB

DATE: 6-21-94/ks
 API NO.: 43-013-31003
 NET REVENUE INT.: 0.72981781
 SPUD DATE: 10/26/84
 OIL GRAVITY: 32 API
 BHT: 100 Deg.F
 KB: 5545' (11' KB)
 PLUG BACK TD: 5942' KB

SURFACE CASING**PRODUCTION CASING**

STRING: 1
 SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs.
 LENGTH: 6 jts @ 251'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 263' KB
 CEMENT DATA: 210 sx. Class G w/ 2% CaCl,
 3% D-44, 1/4 #/sx D-29.
 Cement to surface.

STRING: 1 2
 SIZE: 5 1/2" 5 1/2"
 GRADE: K-55 K-55
 WEIGHT: 14 lbs. 15.5 lbs.
 LENGTH: 4581' 1414'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5995' KB
 CEMENT DATA: 131 sx HiLift &
 687 sx Class H
 CEMENT TOP AT: 1665' from CBL

TUBING RECORD**PERFORATION RECORD**

SIZE/GRADE/WT.:
 NO. OF JOINTS:
 TUBING ANCHOR:
 NO. OF JOINTS: ***INFO NOT AVAILABLE***
 SEATING NIPPLE:
 PERF. SUB:
 MUD ANCHOR:
 TOTAL STRING LENGTH:
 SN LANDED AT:

| | | |
|------------------|---------|--------|
| 4876'-4882' (6') | (2 SPF) | GREEN1 |
| 4884'-4886' (2') | (2 SPF) | GREEN1 |
| 4888'-4892' (4') | (2 SPF) | GREEN1 |
| 4901'-4905' (4') | (2 SPF) | GREEN1 |

PROPOSED PERFORATIONS (4/94)

| | | |
|------------------|---------|------|
| 4591'-4596' (5') | (2 SPF) | RED1 |
| 4744'-4753' (9') | (2 SPF) | RED5 |

SUCKER ROD RECORD**FRAC JOB**

INFO NOT AVAILABLE

4876'-4905' KB
 Fraced w/Western on 12-7-93 w/ 53560 gal Apollo 30 w/117800 lbs 20-40 sand. ATR 22 BPM @ 2000 psig, ISIP 1800 psi, 15 min @ 1100 psi, 20 min @ 1000 psi.

PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Luffkin 160

LOGS: Compensated Densilog Compensated Neutron Gamma Ray, Dual Laterolog/Gamma Ray, Wellsite Sandstone Analysis, Wellsite Complex Reservoir Analysis, Cement Bond Log, Mud Log.

WALTON FEDERAL #34-11
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SW SE Sec. 11, T9S, R16E
 Duchesne Co., Utah

BALCRON OIL
 6-21-94/ks
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Wellbore Diagram

Elev. GL @ 5534'
 Elev. KB @ 5545' (11' KB)

SURFACE CASING

8 5/8", 24#, K-55
 Casing Length @ 251'
 Landed @ 263' KB
 Hole Size @ 12 1/4"
 Cemented w/210 sx Class G w/ 2% CaCl,
 3% D-44, 1/4#/sx D-29.
 Cemented to Surface

263' KB -->

PRODUCTION CASING

5 1/2", 14# & 15.5#, K-55
 Casing Length @ 5995'
 Landed @ 5995' KB
 Hole Size @ 7 7/8"
 Cemented w/131 sx HiLift &
 687 sx Class H
 Cement Top @ 1665' from CBL

TOC @ 1665' -->

FRAC JOB

4876'-4905' KB
 Fraced w/Western on 12-7-93 w/ 53560
 gal Apollo 30 w/117800 lbs 20-40 sand.
 ATR 22 BPM @ 2000 psig, ISIP 1800
 psi, 15 min @ 1100 psi, 20 min @
 1000 psi.

TUBING RECORD

INFO NOT AVAILABLE

PERFORATION RECORD

| | | |
|------------------|---------|--------|
| 4876'-4882' (6') | (2 SPF) | GREEN1 |
| 4884'-4886' (2') | (2 SPF) | GREEN1 |
| 4888'-4892' (4') | (2 SPF) | GREEN1 |
| 4901'-4905' (4') | (2 SPF) | GREEN1 |

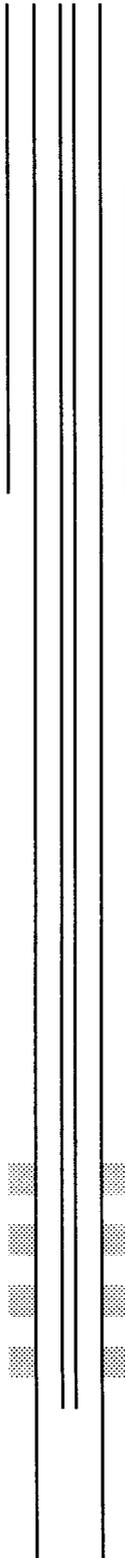
SUCKER ROD RECORD

INFO NOT AVAILABLE

PROPOSED PERFORATIONS (2/94)

| | | |
|-------------------|---------|------|
| 4591'- 4596' (5') | (2 SPF) | RED1 |
| 4744'- 4753' (9') | (2 SPF) | RED5 |

PBTD @ 5942' KB
 TD @ 6000' KB



WELL NAME: WALTON FEDERAL #1-11
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: SE SE Sec. 11, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 5/11/64
 INITIAL PRODUCTION: 1073 STBOPD, 100 MCFPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 4 STBOPD, 17 MCFPD
 ELEVATIONS - GROUND: Unknown
 TOTAL DEPTH: 6300' KB

DATE: 6-27-94/ks
 API NO.: 43-013-15792

NET REVENUE INT.: 0.825

SPUD DATE: 4/1/64
 RIG RELEASE DATE:
 OIL GRAVITY: 31 API
 BHT: Unknown
 KB: 5513'
 PLUG BACK TD: 5108' KB

SURFACE CASING

 STRING: 1
 SIZE: 9 5/8"
 GRADE: J-55
 WEIGHT: 32.2 lbs.
 LENGTH: 7 jts. @ 212'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 225' KB
 CEMENT DATA: 225 sx

PRODUCTION CASING

 STRING: 1
 SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5 lbs.
 LENGTH: 167 jts. @ 5192'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5205' KB
 CEMENT DATA: 400 sx

CEMENT TOP AT: Unknown

TUBING RECORD

 SIZE/GRADE/WT.: 2 7/8", J-55, 6.4 #
 NO. OF JOINTS: 158 jts. @ 4971.41' KB
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 7/8" x 1.1'
 PERF. SUB: 2 7/8" x 3.20'
 NO. OF JOINTS: 1 jt @ 31.68'
 MUD ANCHOR: None
 TOTAL STRING LENGTH: 5019.35' KB
 SN LANDED AT:

PERFORATION RECORD

 4735'-4746' (11') (3 SPF) RED5
 5007'-5020' (13') (3 SPF) GREEN3

PROPOSED PERFORATIONS (4/94)

 4590'-4595' (5') (2 SPF) RED1
 4715'-4719' (4') (2 SPF) RED5
 5046'-5054' (8') (2 SPF) GREEN4
 5072'-5078' (6') (2 SPF) GREEN4
 5082'-5089' (7') (2 SPF) GREEN4

SUCKER ROD RECORD

 1 - 1-1/4" x 22' Polished Rod
 2 - 3/4" x 6' Ponies
 167 - 3/4" x 25' Plain Rods
 30 - 3/4" x 25' Plastic Scraper Rods

PUMP SIZE: 2-1/2"x1-1/2"x1-4/12' RWAC

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114 (serviced 10-16-92)

LOGS: IES, GR-S-C, MLL

FRAC JOBS

 4735'-4746' KB 5-7-64 w/ 19,950 gal oil, 20,000 lbs
 20-40 mesh sand, 2000 lbs glass
 beads @ 32 BPM @ 3700 psi.
 5007'-5020' KB 5-7-64 w/ 23,100 gal crude oil w/
 21,000 lbs 20-40 mesh sand & 2000 lbs
 8-12 mesh glass beads @ 37 BPM
 @ 37 BPM.

WALTON FEDERAL #1-11
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SE SE Sec. 11, T9S, R16E
 Duchesne Co., Utah

BALCRON OIL
 6-27-94/ks

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Wellbore Diagram

Elev. @ KB 5513'

SURFACE CASING

9 5/8", 32.2#, J-55
 7 jts. @ 212'
 Hole Size @ 12 1/4"
 Landed @ 225' KB
 Cemented w/225 sx

PRODUCTION CASING

5 1/2", 15.5#, J-55
 167 jts. @ 5192'
 Hole Size @ 7 7/8"
 Landed @ 5205' KB
 Cemented w/400 sx
 TOC Unknown

TUBING RECORD

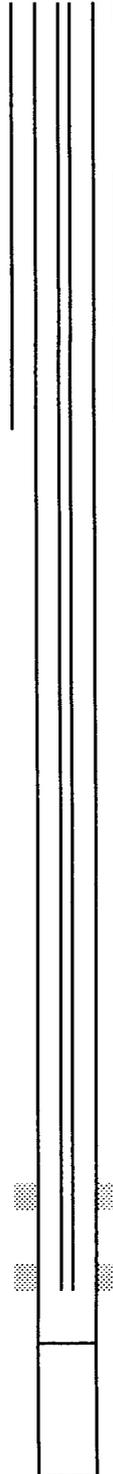
2 7/8", 6.7#, J-55
 158 jts. @ 4971.41'
 SN - 2 7/8" x 1.1'
 Perf. Sub - 2 7/8" x 3.20'
 1 jt @ 31.68'
 Total String Length - 5019.35' KB

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polished Rod
 2 - 3/4" x 6' Ponies
 167 - 3/4" x 25' Plain Rods
 30 - 3/4" x 25' Plastic Scraper Rods

PUMP SIZE: 2-1/2"x1-1/2"x14-1/2' RWAC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114 (serviced 10-16-92)

225' KB --->



FRAC JOBS

4735'-4746' KB 5-7-64 w/ 19,950 gal oil, 20,000 lbs
 20-40 mesh sand, 2000 lbs glass
 beads @ 32 BPM @ 3700 psi.
 5007'-5020' KB 5-7-64 w/ 23,100 gal crude oil w/
 21,000 lbs 20-40 mesh sand & 2000 lbs
 8-12 mesh glass beads @ 37 BPM
 @ 37 BPM.

PERFORATION RECORD

| | | |
|-------------------|---------|--------|
| 4735'-4746' (11') | (3 SPF) | RED5 |
| 5007'-5020' (13') | (3 SPF) | GREEN3 |

PROPOSED PERFORATIONS (4/94)

| | | |
|------------------|---------|--------|
| 4590'-4595' (5') | (2 SPF) | RED1 |
| 4715'-4719' (4') | (2 SPF) | RED5 |
| 5046'-5054' (8') | (2 SPF) | GREEN4 |
| 5072'-5078' (6') | (2 SPF) | GREEN4 |
| 5082'-5089' (7') | (2 SPF) | GREEN4 |

PBD @ 5108' KB

TD @ 6300' KB

BALCRON OIL**WELL REPORT**

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WELL NAME: BALCRON MONUMENT FEDERAL #21-12J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: NE NW Sec.12, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River Target
 COMPLETION DATE: Dry Hole
 INITIAL PRODUCTION: Dry Hole
 OIL/GAS PURCHASER: N/A
 PRESENT PROD STATUS: D & A
 ELEVATIONS - GROUND: 5449'
 TOTAL DEPTH: 5,800' KB

DATE: 6-30-94/ks
 API NO.: 43-013-31406

NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 10-25-93
 OIL GRAVITY: N/A
 BHT: N/A

KB: 5459' (10' KB)
 PLUG BACK TD: Surface

SURFACE CASING

 STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 lbs
 LENGTH: 270'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 278' KB
 CEMENT DATA: 150 sxs Class"G" w/2% CaCl
 & 1/4 lb per sx Celloflake.
 Circulate to surface.

PRODUCTION CASING

 STRING: 1
 CSG SIZE: N/A
 GRADE:
 WEIGHT:

TUBING RECORD

 SIZE/GRADE/WT.: N/A
 NO. OF JOINTS:
 TUBING ANCHOR:
 NO. OF JOINTS:
 SEATING NIPPLE:
 PERF. SUB:
 MUD ANCHOR:
 TOTAL TUBING LENGTH:
 SN LANDED AT:

SUCKER ROD RECORD

 Number Of Rods: N/A

PUMP SIZE: N/A
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

PLUGGING PROCEDURE

 Plug #1: 5088' - 4088' KB
 Cemented w/91 sxs "G" w/2% CaCl
 and 1/4 lb per sx Celloseal.

Plug #2: 3133' - 2783' KB
 Cemented w/146 sxs "G" w/2% CaCl
 and 1/4 lb per sx Celloseal.

Plug #3: 1768' - 1568' KB
 Cemented w/70 sxs "G" w/2% CaCl
 and 1/4 lb per sx Celloseal.

Plug #4: 341' - 241' KB
 Cemented w/40 sxs "G" w/2% CaCl
 and 1/4 lb per sx Celloseal.

Plug #5: Surface to 50' KB
 Cemented w/20 sxs "G" w/2% CaCl
 and 1/4 lb per sx Celloseal.

BALCRON MONUMENT FEDERAL #21-12J
Jonah Unit/Monument Butte Field
Lease No. U-096550
NE NW Sec.12, T9S, R16E
Duchesne County, Utah

Elev GL @ 5449'
Elev KB @ 5459' (10' KB)

Wellbore Diagram

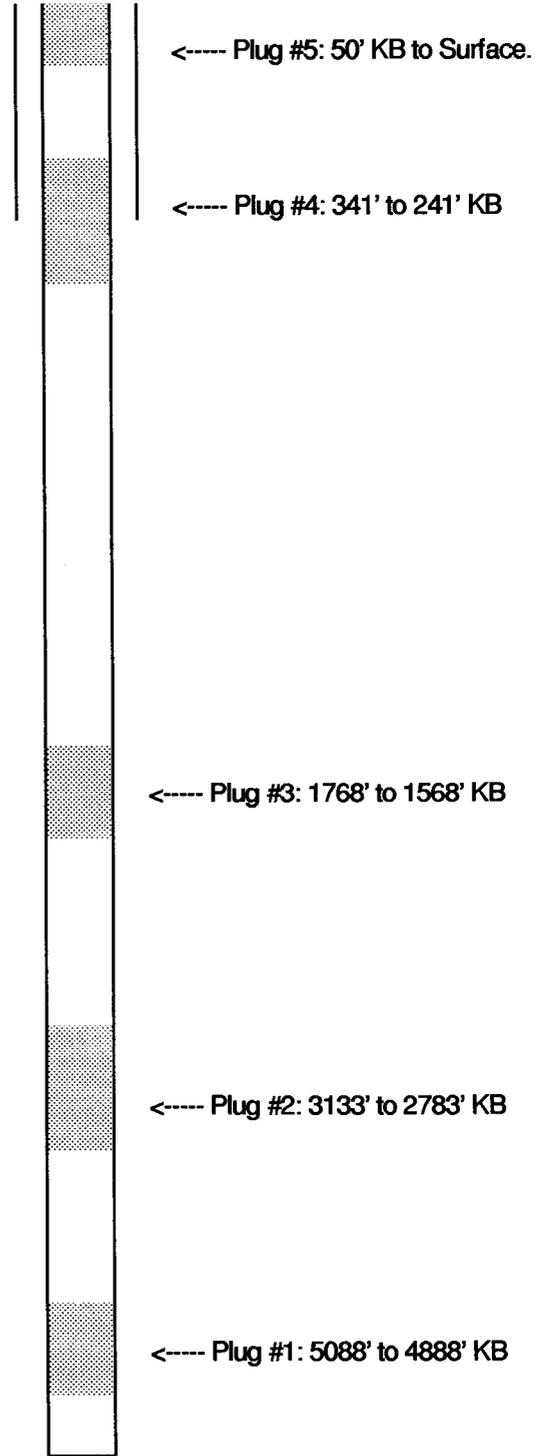
SURFACE CASING

8-5/8", J-55, 24#
Six joints @ 270'
Landed @ 278' KB
Cemented w/150 sxs "G" w/2% CaCl
& 1/4 lb per sx celloflakes.
5 bbls back to pit.
Cemented to surface.
Hole size 12-1/4".

278' KB ---->

PLUGGING PROCEDURE

- Plug #1: 5088' - 4088' KB
Cemented w/91 sxs "G" w/2% CaCl
and 1/4 lb per sx Celloseal.
- Plug #2: 3133' - 2783' KB
Cemented w/146 sxs "G" w/2% CaCl
and 1/4 lb per sx Celloseal.
- Plug #3: 1768' - 1568' KB
Cemented w/70 sxs "G" w/2% CaCl
and 1/4 lb per sx Celloseal.
- Plug #4: 341' - 241' KB
Cemented w/40 sxs "G" w/2% CaCl
and 1/4 lb per sx Celloseal.
- Plug #5: Surface to 50' KB
Cemented w/20 sxs "G" w/2% CaCl
and 1/4 lb per sx Celloseal.



----- Plug #5: 50' KB to Surface.

----- Plug #4: 341' to 241' KB

----- Plug #3: 1768' to 1568' KB

----- Plug #2: 3133' to 2783' KB

----- Plug #1: 5088' to 4888' KB

TD @ 5800' KB

92

=====
State : Utah SL Merid 9S - 16E - 12 c nw ne
=====

County: DUCHESNE Oper: CAMPBELL G S

Field : MONUMENT BUTTE Compl: 07/12/1966 D D P&A
=====

Well: C & O GOVT #3 Last Info: 05/22/1983

Ftg: 660 fnl 1980 fel

Obj: Permit #: 06/20/1966 API: 43-013-2008000
Elev: ~~5403KB~~ 5404KB
=====

Spud: 07/03/1966

TD: 5251
=====

Elev: 5403KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Scout,T=Govt,S=Shell,G=USGS,N=NDGS)

| Formation | Depth | Elev | T/S | Formation | Depth | Elev | T/S |
|-------------|-------|------|--------|---------------|-------|------|-----|
| Green River | 1428 | 3975 | L T | Douglas Creek | 4630 | 773 | L T |
| Horse Bench | 2188 | 3215 | L T TD | | 5252 | 151 | L T |

=====

<< State Records >>

Casing: 13 3/8 @ 12 w/10-8 5/8 @ 197 w/125

DST : None

Logs : IES GRS

BALCPON OIL

WELL REPORT

WELL NAME: GETTY GOVT #12-1
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-44426
 LOCATION: NW NE Sec.12,T9S,R16E
 COUNTY/STATE: Duchesne County,Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 3-13-84
 INITIAL PRODUCTION: 60 STBOPD, 106 MCFPD, 3 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal Resources
 PRESENT PROD STATUS: Pumping Oil Well
 ELEVATIONS - GROUND: 5412'
 TOTAL DEPTH: 6200' KB

DATE: 6-28-94/ks
 API NO.: 43-013-30889

NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 1-30-84
 RIG RELEASE DATE: 2-12-84
 OIL GRAVITY: 33 API
 BHT: 147 Deg.F
 KB: 5425' (13' KB)
 PLUG BACK TD: 6104' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 lbs.
 LENGTH: 6 jts @ 227'
 DEPTH LANDED: 240' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 175 sxs Class H w/2% CaCl &
 1/4#/sx Flocele. Cemented
 to surface w/good returns.

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5 lbs.
 LENGTH: 151 jts @ 6160'
 DEPTH LANDED: 6173' KB
 HOLE SIZE: 8 3/4"
 CEMENT DATA: 760 sxs 65/35 Poz & 555 sx Class H
 w/2%CaCl & 1/4#/sx Flocele.
 CEMENT TOP AT: Unknown

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8",N-80,6.5#
 NO. OF JOINTS: 185 jnts @ 5731'
 TUBING ANCHOR: n/a
 SEATING NIPPLE: 2-7/8" x 1.10'
 PERF. SUB: 2-7/8" x 3'
 MUD ANCHOR: 2-7/8" x 31'
 TOTAL TUBING LENGTH: 5779' KB
 SN LANDED AT: 5745' KB

PERFORATION RECORD

| | | |
|--------------------------------------|---------|----------|
| 3852',3858',3860',3862',3864' | ** | Squeezed |
| 3942',3946',3952',3956',3960' | ** | Squeezed |
| 4116',4118',4120' | (1 SPF) | YELLOW1 |
| 4333' | (1 SPF) | YELLOW4 |
| 4399'-4410' | (3 SPF) | YELLOW5 |
| 4393',4396',4398',4400' | (1 SPF) | YELLOW5 |
| 4402',4405',4408' | (1 SPF) | YELLOW5 |
| 4484',4518',4519' | (1 SPF) | YELLOW6 |
| 4646',4656',4670',4690' | (1 SPF) | RED1 |
| 4728',4730' | (1 SPF) | RED2 |
| 5590'-5602' | (4 SPF) | BLUE2 |
| 5652',5654',5655',5693',5698',5700', | (1 SPF) | BLUE3 |
| 5703',5722',5725',5752',5754' | (1 SPF) | BLUE3 |

** Perforations Squeezed 3-23-84 w/150 sx Class-H cement.

PROPOSED PERFORATIONS (4/94)

4976'-4980' (4') (2 SPF) GREEN1

BREAKDOWN JOBS

4399'-4410' KB 5% KCl wtr, 13 bbls/min @ 3100 psig
 ball off to 700 psig. Flush w/ 26.5
 bbls.
 5590'-5602' KB 5% KCl wtr, 10 bbls/min @ 3400 psig
 Dropped 48 balls, 2 balls/bbl.
 Flush w/33 bbls 5% KCl after frac.

FRAC JOBS

3852'-4690' KB 60,000# 20/40 sand & 20,000# 10/20
 sand in 30114 gallons Apollo 40.
 4399'-4410' KB 50,000# 20/40 sand in 20,000 gal
 Apollo 40.
 5590'-5602' KB 50,000# 20/40 sand in 20,000 gal
 Apollo 40.
 5652'-5754' KB 60,000# 20/40 sand & 20,000# 10/20
 sand in 26964 gallons Apollo 40.

SUCKER ROD RECORD

1 - 1 1/4" x 16' Polish Rod
 1 - 3/4" x 6' Pony
 1 - 3/4" x 8' Pony
 227 - 3/4" x 25' Slick Rods
 1 - 3/4" x 25' Rod w/Guides

PUMP SIZE: 2 1/2" x 1 1/2" x 16' RWAC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Continental Emeco 160

LOGS: FDC-CNL/GR/SP

GETTY GOVT #12-1
Jonah Unit/Monument Butte Field
Lease No. U-44426
NW NE Sec.12, T9S, R16E
Duchesne County, Utah

Elev GL @ 5412'
Elev KB @ 5425' (13' KB)

SURFACE CASING

8-5/8", 24#, J-55
Six joints @ 227'
Landed @ 240' KB.
Hole size @ 12-1/4".
Cemented w/175 sxs "H" w/ 2%CaCl &
1/4#/sx Flocele. Cemented to
surface w/ good returns.

PRODUCTION CASING

5-1/2", 15.5#, J-55
151 joints @ 6160'.
Landed @ 6173' KB.
Hole size @ 8-3/4".
Cemented w/760 sxs 65/35 POZ &
tail w/555 sxs Class "H" w/2%
CaCl & 1/4#/sx Flocele.
TOC Unknown

TUBING RECORD

2-7/8", N-80, 6.5#
185 jnts @ 5731'
SN 2-7/8" x 1.10'
Perf Sub 2-7/8" x 3'
MA 2-7/8" x 31'
Total String Length @ 5779' KB
SN Landed @ 5745' KB

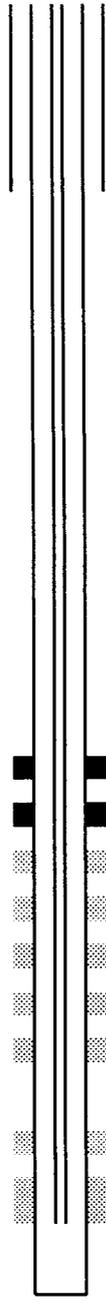
SUCKER ROD

1 - 1 1/4" x 16' Polish Rod
1 - 3/4" x 6' Pony
1 - 3/4" x 8' Pony
227 - 3/4" x 25' Slick Rods
1 - 3/4" x 25' Rod w/Guides

PUMP SIZE: 2 1/2" x 1 1/2" x 16' RWAC
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE: Continental Emeco 160

Wellbore Diagram

240' KB --->



BREAKDOWN JOBS

4399'-4410' KB 5% KCl wtr, 13 bbls/min @ 3100 psig
ball off to 700 psig. Flush w/ 26.5
bbls.
5590'-5602' KB 5% KCl wtr, 10 bbls/min @ 3400 psig
Dropped 48 balls, 2 balls/bbl.
Flush w/33 bbls 5% KCl after frac.

FRAC JOBS

3852'-4690' KB 60,000# 20/40 sand & 20,000# 10/20
sand in 30114 gallons Apollo 40.
4399'-4410' KB 50,000# 20/40 sand in 20,000 gal
Apollo 40.
5590'-5602' KB 50,000# 20/40 sand in 20,000 gal
Apollo 40.
5652'-5754' KB 60,000# 20/40 sand & 20,000# 10/20
sand in 26964 gallons Apollo 40.

PERFORATION RECORD

| | | |
|--------------------------------------|---------|----------|
| 3852',3858',3860',3862',3864' | ** | Squeezed |
| 3942',3946',3952',3956',3960' | ** | Squeezed |
| 4116',4118',4120' | (1 SPF) | YELLOW1 |
| 4333' | (1 SPF) | YELLOW4 |
| 4399'- 4410' | (3 SPF) | YELLOW5 |
| 4393',4396',4398',4400' | (1 SPF) | YELLOW5 |
| 4402',4405',4408' | (1 SPF) | YELLOW5 |
| 4484',4518',4519' | (1 SPF) | YELLOW6 |
| 4646',4656',4670',4690' | (1 SPF) | RED1 |
| 4728',4730' | (1 SPF) | RED2 |
| 5590'- 5602' | (4 SPF) | BLUE2 |
| 5652',5654',5655',5693',5698',5700', | (1 SPF) | BLUE3 |
| 5703',5722',5725',5752',5754' | (1 SPF) | BLUE3 |

** Perforations Squeezed 3-23-84 w/150 sx Class-H cement.

PROPOSED PERFORATIONS (4/94)

| | | |
|-------------------|---------|--------|
| 4976'- 4980' (4') | (2 SPF) | GREEN1 |
|-------------------|---------|--------|

<-- SN Landed @ 5745' KB

PBTD @ 6104' KB
TD @ 6200' KB

WELL NAME: BALCRON MONUMENT FEDERAL #12-12J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: SW NW Section 12, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 12-9-93
 INITIAL PRODUCTION: 20 STBOPD, 15 MSCFPD, 10 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5542'
 TOTAL DEPTH: 5800'

DATE: 6-22-94 /ks

API NO.: 43-013-31410

NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 10-9-93
 RIG RELEASE DATE: 11-6-93
 OIL GRAVITY: 34 API
 BHT: 149 Deg F
 KB: 5552' KB (10' KB)
 PLUG BACK TD: 5732' KB

SURFACE CASING

STRING: #1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 6 jts @ 266.69'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 277' KB
 CEMENT DATA: 150 sxs Class G w/2%CaCl
 & 1/4#/sx Celoflakes w/
 cement returns to surface.

PRODUCTION CASING

STRING: #1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs
 LENGTH: 5768.59'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5777.59' KB
 CEMENT DATA: 220 sxs Hyfill tailed w/
 290 sxs 50-50 POZ
 CEMENT TOP AT: 4185' KB from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5#
 NO. OF JOINTS: 171 joints @ 5264.28'
 TUBING ANCHOR: N/A
 NO. OF JOINTS: N/A
 SEATING NIPPLE: 2-7/8" x 1.10'
 PERF. SUB: 2-7/8" x 3'
 MUD ANCHOR: 2-7/8" x 31' w/NC
 TOTAL STRING LENGTH: 5,309.8' KB
 SN LANDED AT: 5,275.3' KB

PERFORATION RECORD

5029'- 5033'(4) 4 shots GREEN 1
 5225'- 5229'(4) 4 shots GREEN 4
 5237'- 5244'(7) 7 shots GREEN 4

ACID JOB

5029'- 5033' KB Total treatment over all
 5225'- 5229' KB zones of 500 gals 15% HCl
 5237'- 5244' KB

SUCKER ROD RECORD

One 1-1/4" x 22' Polish Rod
 One 3/4" x 4' Pony
 One 3/4" x 8' Pony
 209 - 3/4" x 25' Plain Rods

PUMP SIZE: 2.5"x 1.5"x 16' RWAC
 w/ PA plunger.
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM
 PUMPING UNIT SIZE: Bethlehem C-320-212-86
 S/N 30617E-31 3665
 ENGINE DATA: Ajax Model E-42, S/N 68203

FRAC JOB

5029'- 5033' KB W/Western, limited entry frac w/29,250#
 5225'- 5229' KB 20/40 mesh sand & 20,000# 16/30 mesh sand,
 5237'- 5244' KB 18,156 gallons gelled 2% KCl water. ATP
 2250 psi, max 3000 psi. ATR 30.5 BPM, max
 33.5 BPM. ISIP 2200 psi, 5-1670, 10-1570,
 15-1530.

LOGS: Dual Laterolog Microspherically Focused
 Log; Spectral Density Dual Spaced Neutron
 Log; Mud Log; Cement Bond/Gamma Ray &
 Casing Collar Log

BALCRON MONUMENT FEDERAL #12-12J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SW NW Section 12, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 6-22-94 ks

96

WELLBORE DIAGRAM

Elev.GR @ 5542'
 Elev.KB @ 5552' KB (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 266.69'
 Depth Landed @ 277' KB
 Cemented w/150 sxs Class "G" w/2%
 CaCl, 1/4#/sx Celoflakes.
 Cemented to surface.
 Hole size @ 12-1/4".

277' KB -->

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5768.59'
 Depth Landed @ 5777.59' KB.
 Cemented w/220 sxs Hyfill and
 tailed w/290 sxs 50-50 POZ.
 Cement top @ 4,185' from CBL.
 Hole size 7-7/8".

TOC @ 4185' -->

TUBING

2 7/8", 6.5#, J-55
 171 jnts @ 5264.28'
 SN @ 2-7/8" x 1.1'(2.25" ID)
 Perf Sub @ 2-7/8" x 3'
 MA @ 2-7/8" x 31' w/NC
 Total String Length @ 5,309.8' KB
 SN Landed @ 5,275.3' KB

ROD STRING

One 1-1/4" x 22' Polish Rod
 One 3/4" x 4' Pony
 One 3/4" x 8' Pony.
 209 - 3/4" x 25' Plain Rods

PUMP SIZE: 2.5"x 1.5"x 16' RWAC
 w/ PA plunger.
 STROKE LENGTH: 86"
 PUMP SPEED: 5 SPM
 PUMPING UNIT: Bethlehem C-320-212-86
 S/N 30617E-31 3665
 ENGINE DATA: Ajax Model E-42, S/N 68203

ACID JOB

5029'- 5033' KB Total treatment over all
 5225'- 5229' KB zones of 500 gals 15% HCl
 5237'- 5244' KB

FRAC JOB

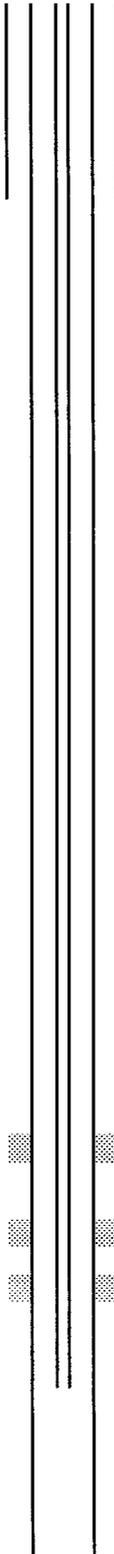
5029'- 5033' KB W/Western, limited entry frac w/29,250#
 5225'- 5229' KB 20/40 mesh sand & 20,000# 16/30 mesh san
 5237'- 5244' KB 18,156 gallons gelled 2% KCl water. ATP
 2250 psi, max 3000 psi. ATR 30.5 BPM, max
 33.5 BPM. ISIP 2200 psi, 5-1670, 10-1570,
 15-1530.

PERFORATION RECORD

5029'- 5033'(4') 4 shots GREEN 1
 5225'- 5229'(4') 4 shots GREEN 4
 5237'- 5244'(7') 7 shots GREEN 4

<- SN @ 5275.3' KB

PBTD @ 5732'KB
 TD @ 5800'KB



=====
State : Utah SL Merid 9S - 16E - 12 se se nw 97

County: DUCHESNE Oper: DIAMOND SHAMROCK EXPL CO

Field : MONUMENT BUTTE Compl: 03/04/1965 D O OIL

=====
Well: WALTON FEDERAL #5 Last Info: 11/20/1990

Ftg: 2021 fnl 2092 fwl

Lat-Long by GITI: 40.046951 - 110.069000

Oper Address: Box 631, Amarillo TX 79105

Obj: 5300 Green River Permit #: 01/15/1965 API: 43-013-1579600
Elev: 5515KB

=====
Spud: 01/22/1965 Contr: MIRACLE & WOOSTER
TD: 5300

Elev: 5515KB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Scout, I=IOG, T=Govt, S=Shell, G=USGS, N=NRIS)

| Formation | Depth | Elev | T/S | Formation | Depth | Elev | T/S |
|-------------|-------|------|-----|-------------------|-------|------|-----|
| Green River | 1152 | 4363 | L S | basal Green River | 3880 | 1635 | L T |
| Green River | 1152 | 4363 | L T | Douglas Creek | 4674 | 841 | L T |

<< Shell Records >>

Casing: 9 5/8 @ 228 w/200
5 1/2 @ 5294 w/275

PZone : 4440-5180 (Green River)
gross interval

IP : P 100 BOPD

Journal: 01/15/65 Loc.
01/21/65 Prep. to spud. Miracle & Wooster} Will drill w/gas.
01/28/65 1432 Drlg w/gas. 9-5/8 in C 228 ft w/200 sx.
02/04/65 5060 Drlg w/air. Show gas & oil 4266 ft, gas gauged 100
02/04/65 5060 MCF/D. Increase of oil & gas 4450 ft, also 4950 ft,
4692 ft. Rigged up air compressors.
02/10/65 5300 Waiting on completion rig. 5 1/2 in C 5294 ft w/275 sx.
02/10/65 5300 P.B. 5294 ft. Swbg. Perf. 5180 ft, 4872 ft, 4864 ft,
02/10/65 4792 ft, 4440 ft. Acidized & fract.
02/25/65 P.B. 5294 ft. Shut in, uniting on pumping unit.
03/04/65 P.B. 5294 ft. Testing on pump. Pumped 65 BO, 30 bbls.
load wt.
03/05/65 P.B. 5294 ft. IFP 100 BO/D, 7 bbls. wt. Green River
perfs. 5180 ft, 4872 ft, 4864 ft, 4792 ft, 4440 ft.

<< State Records >>

Casing: 9 5/8 @ 228 w/200
5 1/2 @ 5294

Core : None
DST : None

Perfs : 4440-5180 (Green River)
w/3 SPF @ 4440, 4792, 4864, 4872, 5180 - acid w/1000 gal 15% MA - frac
w/1% gelled acetic acid 30,000 gal 40,000# 20/40 sd 2000 gal w/2000#
8/12 mesh glass beads

=====
State : Utah SL Merid 9S - 16E - 12 se se nw

98

County: DUCHESNE Oper: DIAMOND SHAMROCK EXPL CO

Field : MONUMENT BUTTE Compl: 03/04/1965 D O OIL

=====
Continued

PZone : 4440-5180 (Green River)

gross interval

IP : 100 BOPD; 6 BWPD
106 BOPD grav 30; 6 BWPD

WELL NAME: BALCRON MONUMENT FEDERAL #22-12J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: SE NW Section 12, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 80.51%
 PRODUCING FORMATION: Green River
 COMPLETION DATE:
 INITIAL PRODUCTION:
 OIL/GAS PURCHASER:
 PRESENT PROD STATUS:
 ELEVATIONS - GROUND: 5143'
 TOTAL DEPTH: 5300' KB

DATE: 7-27-94 /mc

API NO.: 43-013-15796

** Re-entry of Walton Federal #5 **

NET REVENUE INT.: OIL -
 GAS -
 SPUD DATE: 7-5-94 (Orig. 1-22-65)
 RIG RELEASE DATE:
 OIL GRAVITY:
 BHT:
 KB: 5155' (12' KB)
 PLUG BACK TD: 5150' (CIBP)

SURFACE CASING

STRING: 1
 SIZE: 9-5/8"
 GRADE:
 WEIGHT:
 LENGTH:
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 228'
 CEMENT DATA: Cemented w/ 200 sx

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH:
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5294' KB
 CEMENT DATA: Cemented w/ 327 sx
 CEMENT TOP AT:

TUBING RECORD

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 141 jts @ 4409.25'
 TUBING ANCHOR: 2-1/2" x 5-1/2" x 2.75'
 NO. OF JOINTS: 16 jts @ 487.00'
 SEATING NIPPLE: 2-7/8" x 1.0' (2.25" ID)
 PERF. SUB: 2-7/8" x 4.0'
 MUD ANCHOR: 2-7/8" x 26.5'
 TOTAL STRING LENGTH: 4942.75' KB
 SN LANDED AT: 4912.1' KB

PERFORATION RECORD - Initial Completion

| | | |
|-------------|---------|---------|
| 4440' | (3 SPF) | YELLOW5 |
| 4792' | (3 SPF) | RED2 |
| 4849'-4851' | (3 SPF) | RED5 |
| 4864' | (3 SPF) | RED5 |
| 4872' | (3 SPF) | RED5 |
| 5180' | (3 SPF) | GREEN4 |

PERFORATION RECORD - Re-Entry

| | | |
|------------------|---------|---------|
| 4437'-4443' (6') | (4 SPF) | YELLOW5 |
| 4860'-4868' (8') | (4 SPF) | RED5 |
| 4870'-4875' (5') | (4 SPF) | RED5 |

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod
 1 - 3/4" x 2' Pony
 1 - 3/4" x 8' Pony
 195 - 3/4" x 25' D-60 Slick Rods

LOGS: Dual Laterolog - MSFL, Formation Density -
 Compensated Neutron Log.

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
 w/PA Plunger
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

ACID / BREAKDOWN INFORMATION

| | |
|-------------|--|
| 4437'-4443' | 7-19-94: 3528 gal 2% KCl w/4 balls per bbl. ISIP 2050 psi. |
| 4860'-4875' | 7-19-94: 3192 gal 2% KCl w/4 balls per bbl. ATR 5.8 BPM @ 3100 psi, max 6.2 BPM @ 3400 psi. ISIP 2200 psi. |

FRAC INFORMATION

| | |
|-------------|---|
| 4437'-4443' | 7-19-94: 21,280# 16/30 sand w/ 6216 gal 2% gelled KCl wtr. ATR 20 BPM @ 4800 psi, max 20.2 BPM @ 7000 psi. ISIP not recorded, 5 - 2820, 10 - 2730, 15 - 2610. Screened out w/ 4890# sand in csg. |
| 4860'-4875' | 7-19-94: 27,000# 16/30 sand w/13,356 gal 2% gelled KCl wtr. ATR 17.4 BPM @ 4600 psi, max 20.1 BPM @ 4950 psi. ISIP 3150 psi, 5 - 2210, 10 - 1430, 15 - 1330. |

BALCRON MONUMENT FEDERAL #22-12J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SE NW Section 12, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-27-94 /mc

100

WELLBORE DIAGRAM

Elev. GL @ 5143'
 Elev. KB @ 5155' (12' KB)

**** Re-entry of Walton Federal #5 ****

SURFACE CASING

9-5/8", Grade & Wt unknown
 Hole size @ 12-1/4"
 Depth landed @ 228' KB
 Cemented w/200 sxs

228' KB ---->

PRODUCTION CASING

5-1/2", 15.5#, J-55
 Hole size @ 7-7/8"
 Depth landed @ 5294' KB
 Cemented w/327 sxs

TUBING

2-7/8", 6.5#, J-55
 141 jts @ 4409.25'
 TA @ 2-1/2" x 5-1/2" x 2.75'
 16 jts @ 487.00'
 SN @ 2-7/8" x 1.0' (2.25" ID)
 Perf Sub @ 2-7/8" x 4.0'
 MA @ 2-7/8" x 26.5'
 Total string length @ 4942.75' KB
 SN Landed @ 4912.1' KB

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod
 1 - 3/4" x 2' Pony
 1 - 3/4" x 8' Pony
 195 - 3/4" x 25' D-60 Slick Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
 w/PA Plunger

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:



ACID / BREAKDOWN INFORMATION

4437'-4443' 7-19-94: 3528 gal 2% KCl w/4 balls per bbl. ISIP 2050 psi.
4860'-4875' 7-19-94: 3192 gal 2% KCl w/4 balls per bbl. ATR 5.8 BPM @ 3100 psi, max 6.2 BPM @ 3400 psi. ISIP 2200 psi.

FRAC INFORMATION

4437'-4443' 7-19-94: 21,280# 16/30 sand w/ 6216 gal 2% gelled KCl wtr. ATR 20 BPM @ 4800 psi, max 20.2 BPM @ 7000 psi. ISIP not recorded, 5 - 2820, 10 - 2730, 15 - 2610. Screened out w/ 4890# sand in csg.
4860'-4875' 7-19-94: 27,000# 16/30 sand w/13,356 gal 2% gelled KCl wtr. ATR 17.4 BPM @ 4600 psi, max 20.1 BPM @ 4950 psi. ISIP 3150 psi, 5 - 2210, 10 - 1430, 15 - 1330.

PERFORATION RECORD - Initial Completion

| | | |
|-------------|---------|---------|
| 4440' | (3 SPF) | YELLOW5 |
| 4792' | (3 SPF) | RED2 |
| 4849'-4851' | (3 SPF) | RED5 |
| 4864' | (3 SPF) | RED5 |
| 4872' | (3 SPF) | RED5 |
| 5180' | (3 SPF) | GREEN4 |

PERFORATION RECORD - Re-Entry

| | | |
|-------------------------|----------------|----------------|
| 4437'-4443' (6') | (4 SPF) | YELLOW5 |
| 4860'-4868' (8') | (4 SPF) | RED5 |
| 4870'-4875' (5') | (4 SPF) | RED5 |

← SN Landed @ 4912.1' KB

PBTB @ 5150' KB (CIBP)

TD @ 5300' KB

WELL NAME: BALCRON MONUMENT FEDERAL #32-12J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-035521
 LOCATION: SW NE Section 12, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 4-28-94
 INITIAL PRODUCTION: 22.5 BO, 25 MCF, 7.2 BW
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Pumping Oil Well
 ELEVATIONS - GROUND: 5417'
 TOTAL DEPTH: 5800' KB

DATE: 6-23-94 /ks

API NO.: 43-013-31419

NET REVENUE INT.: Oil - 0.73831617
 Gas - 0.66359285
 SPUD DATE: 2-28-94
 RIG RELEASE DATE: 4-9-94
 OIL GRAVITY: 34 API
 BHT: 149 Deg F
 KB: 5427' KB (10' KB)
 PLUG BACK TD: 5751.65' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts @ 255.30'
 DEPTH LANDED: 263' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs "G" w/2% CCL &
 1/4#/sx Celoflakes.
 Cement to surface.

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs
 LENGTH: 5786.36'
 DEPTH LANDED: 5796.96' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 238 sacks Thrifty-Lite and
 tail w/250 sacks 50-50 POZ.
 CEMENT TOP AT: 933' KB per CBL

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 152 @ 4753.50'
 TUBING ANCHOR: 2-1/2" x 5-1/2" x 2.35'
 NO. OF JOINTS: 7 @ 217.69'
 SEATING NIPPLE: 2-7/8" x 1.10'
 PERF. SUB: 2-7/8" x 3'
 MUD ANCHOR: 2 7/8" x 31.10'
 TOTAL TUBING LENGTH: 5018.94' KB
 SN LANDED AT: 4984.64' KB

PERFORATION RECORD

4790'-4798' KB (8 holes) RED 5
 4934'-4938' KB (7 holes) GREEN 1

FRAC RECORD

4790' - 4798' KB & 4-18-94 by Western w/37,340#
 4934' - 4938' KB - 16/30 mesh sand in 18,388 gals
 2% KCL gelled w/tr. ATP 2700 psi,
 max 2990 psi. ATR 30 BPM,
 max 30.4 BPM. ISIP 1850 psi,
 5 min 1680 psi, 10 min 1560 psi,
 & 15 min 1500 psi.

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 1 - 3/4" x 8' Pony
 198 - 3/4" x 25' D-61 Plain Rods

PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC
 STROKE LENGTH: 89"
 PUMP SPEED, SPM: 3-1/2
 PUMPING UNIT SIZE: Lufkin LM-228D-213-86T
 S/N D129533A-525674
 Ajax Engine Model E-42
 S/N 70065
 2 400 BBI Natco Tanks
 12'x 20' w/ burners
 SN's 12F-03865-23133 &
 12F-03864-23132

ACID / BREAKDOWN JOB

4790' - 4798' KB 4-18-94 by Western w/500 gals
 (Stage #1) 15% HCL acid. ISIP 950 psi.
 4934' - 4938' KB 4-18-94 by Western w/500 gals
 (Stage #2) 15% HCL acid. ISIP 1100 psi.

LOGS: Compensated Neutron-Litho-Density;
 Dual Laterolog/Micro-SFL; Cement Bond w/
 Variable Density; Gamma Ray & Collar Log,
 Mud Log.

BALCRON MONUMENT FEDERAL #32-12J
 Jonah Unit/Monument Butte Field
 Lease No. U-035521
 SW NE Section 12, T9S, R16E
 Duchesne County, Utah

BALCRON OIL **102**
 6-23-94 /ks

WELLBORE DIAGRAM

Elev. @ GL = 5417', KB = 5427' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 255.30'.
 Hole size @ 12-1/4".
 Depth Landed @ 263' KB
 Cemented w/160 sacks "G" w/
 2% CCL & 1/4 lbs/sack Celoflakes.
 Cemented to surface.

263' KB-->

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5787.96'.
 Hole size @ 7-7/8".
 Depth Landed @ 5796.96' KB
 Cemented w/238 sacks Thrifty-Lite and
 tailed w/250 sacks 50-50 POZ.
 Cement top @ 933' per CBL

TOC @ 933' -->

TUBING

2-7/8", 6.5#, J-55
 152 jnts @ 4753.5'
 SN @ 2-7/8" x 1.10' (2.25" ID)
 Perf Sub @ 2-7/8" x 3'
 TA @ 2-1/2"x5-1/2"x2.35'
 MA @ 2-7/8"x 31.10'
 Total string length @ 5018.94' KB
 SN landed @ 4984.64' KB

ROD STRING

1 - 1-1/4" x 22' Polish Rod
 1 - 3/4" x 4' Pony
 1 - 3/4" x 6' Pony
 1 - 3/4" x 8' Pony
 198 - 3/4" x 25' D-61 Plain Rods

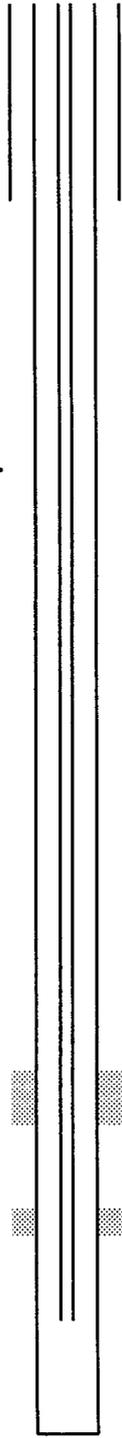
Pump size @ 2-1/2"x1-1/2"x16' RWAC
 w/PA plunger.

Stroke Length @ 89", 3-1/2 SPM

Pumping Unit size: Lufkin LM-228D-213-86T

Ajax Engine Model E-42

Tanks - 2 @ 12'x20' (400 bbl)



ACID/BREAKDOWN JOBS

4790'-4798' KB - 4-18-94 by Western w/500 gals
 (Stage #1) 15% HCL acid. ISIP 950 psi.
 4934'-4938' KB - 4-18-94 by Western w/500 gals
 (Stage #2) 15% HCL acid. ISIP 1100 psi.

FRAC JOBS

4790'-4798' KB & 4-18-94 by Western w/37,340#
 4934'-4938' KB - 16/30 mesh sand in 18,388 gals
 2% KCL gelled wtr. ATP 2700 psi,
 max 2990 psi. ATR 30 BPM,
 max 30.4 BPM. ISIP 1850 psi,
 5 min 1680 psi, 10 min 1560 psi,
 & 15 min 1500 psi.

PERFORATION RECORD

4790'-4798' KB (8 holes) RED 5
 4934'-4938' KB (7 holes) GREEN 1

<- SN landed @ 4984.64' KB

PBTD @ 5751.65' KB
 TD @ 5,800' KB

C&O GOVT #1
 Jonah Unit/Monument Butte Field
 Lease No. U-035521-A
 NW SW Sec.12, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 6-28-94/KS

WELLBORE DIAGRAM

Elev.Gr @ 5456'
 Elev.KB @ 5468' (12' KB)

SURFACE CASING

10-3/4", 32.75 #
 Length @ 217'
 Hole size @ 12-3/4"
 Depth landed @ 229' KB
 Cemented w/135 cu. ft. Ideal Type II
 cement w/5 sx HA-5 mixed 2% by wt.

229' KB -->

PRODUCTION CASING

| | |
|---|----------------------------|
| String #1: | String #2: |
| 5-1/2", 17#, N-80 | 5-1/2", 15.5#, J-55 |
| Length: 0'-1254', 5181'-5200' | Length: 1254'-5181'(3927') |
| Hole size @ 7-7/8" | DV Tool @ 2891' |
| Depth landed @ 5200' KB | |
| Cemented w/315 cu.ft. 50-50 Poz, 2% Gel, 1 1/2% | |
| CFR 2, 8.4 # salt/sx in 1st stage, 75 sx 50/50 | |
| Poz in 2nd stage. TOC @ 4750' from CBL | |

TUBING

2-7/8", Grade & Wt. Not Shown
 164 jnts @ 5051'
 SN @ 2-7/8" x .9'
 Tubing Pump @ 2-7/8" x 8'
 MA @ 3" x 24.5'
 Total string length @ 5085'
 String landed @ 5098' KB

SUCKER ROD RECORD

1 - 1 1/4" x 22' Polish Rod
 1 - 4' x 3/4" Pony
 1 - 6' x 3/4" Pony
 1 - 8' x 3/4" Pony
 201 - 3/4" x 25' Rods

TOC @ 4750' -->

PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC
 STROKE LENGTH: 54"
 PUMP SPEED, SPM:
 PUMP SIZE: Unknown (Ajax Motor EA-30)

ACID JOBS

| | |
|----------------|-------------------------|
| 4893'-4897' KB | 250 GAL 7 1/2% Mud Acid |
| 5071'-5074' KB | 250 GAL 7 1/2% Mud Acid |

FRAC JOBS

| | |
|----------------|---|
| 4893'-4897' KB | 520 Bbl admited crude w/ 13900# sand & 3150# glass beads. |
| 5071'-5074' KB | 520 Bbl admited crude w/ 13900# sand & 1575# glass beads. |

PERFORATION RECORD

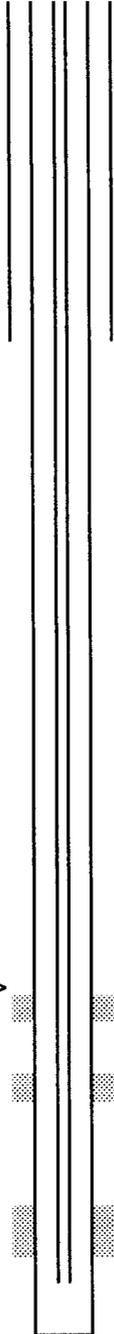
| | | |
|----------|---------|---------|
| 4893' KB | (4 SPF) | GREEN 1 |
| 4897' KB | (4 SPF) | GREEN 1 |
| 5071' KB | (4 SPF) | GREEN 4 |
| 5074' KB | (4 SPF) | GREEN 4 |

Re-Entry May, 1973:

| | | |
|----------|---------|---------|
| 4752' KB | (3 SPF) | RED 5 |
| 4766' KB | (3 SPF) | RED 5 |
| 5086' KB | (3 SPF) | GREEN 4 |
| 5095' KB | (3 SPF) | GREEN 4 |
| 5105' KB | (3 SPF) | GREEN 4 |

SN Landing Depth unknown

PBTD @ 5141' KB
 TD @ 5212' KB



BALCRON OIL

WELL REPORT

WELL NAME: C&O GOV'T #4
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-035521-A
 LOCATION: NE SW Sec.12,T9S,R16E
 COUNTY/STATE: Duchesne County,Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION Green River
 COMPLETION DATE: 6-3-83
 INITIAL PRODUCTION: 110 STBOPD, 60 MSCFPD, 0 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5450'
 TOTAL DEPTH: 5350' KB

DATE: 6-23-94 /ks
 API NO.: 43-013-30742

NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 4-14-83
 OIL GRAVITY: 34 API
 BHT: 137 Deg. F

KB: 5462' (12' KB)
 PLUG BACK TD: 5305' KB
 (Casing to 5345' KB)

SURFACE CASING

PRODUCTION CASING

STRING: _____ 1 _____
 CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 7 jnts (no length given)
 DEPTH LANDED: 292' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 241 cu. ft. Class "G" w/
 2% CaCl

STRING: _____ 1 _____
 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 #
 LENGTH: Not given
 DEPTH LANDED: 5345' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 633 cu. ft. Hi-Lift
 slurry, plus 338 cu.
 ft. RFC slurry
 CEMENT TOP AT: Not indicated

TUBING RECORD

PERFORATION RECORD

SIZE/GRADE/WT.: 2-7/8", 6.5#, J-55
 NO. OF JOINTS: 156 jnts @ (?)
 TUBING ANCHOR: NA
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2-7/8" x (?)
 PERF. SUB: 2-7/8" x 4'
 MUD ANCHOR: 2-7/8" x (?)
 TOTAL STRING LENGTH 5155'
 SN LANDED AT: Not shown

4107'-4114' (7') (8 shots) YELLOW2
 4330'-4337' (7') (8 shots) YELLOW5
 4750'-4774' (24') (24 shots) RED 5
 4908'-4923.5' (15.5') (22 shots) GREEN 1
 5096'-5141' (45') (18 shots) GREEN 4

SUCKER ROD RECORD

PUMP SIZE: Not shown
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

- 1 - Polish Rod
- 1 - 4'x 3/4" pony
- 1 - 6'x 3/4" pony
- 1 - 8'x 3/4" pony
- 204 - 3/4" plain rods

LOGS: Mud Log, Electromagnetic Propagation,
 Cement Bond Log, Cyberlook Computer Processed
 Log, Dual Induction-SFL Log, Compensated
 Neutron/Litho Density Log

C&O GOV'T #4
Jonah Unit/Monument Butte Field
Lease No. U-035521-A
NE SW Sec.12,T9S,R16E
Duchesne County,Utah

ACID / BREAKDOWN INFORMATION

5138'-5096' KB - 5-14-83 by Dowell. Displace tbg w/40 bbls hot KCL w/27 balls. spot 4000 gals pre-pad in hole. Knock perf balls to btm.

4908'-4923.5' KB - 5-18-83 by Dowell. Displace w/93 bbls hot KCL wtr. Pull up to 4890'. Pump 14 bbls break down fluid w/balls. Set packer, resume break down & balls (2000 gals & 33 balls) @ 6 BPM & 2200 psi. Balled out.

4750.5'-4773.5' KB - 5-22-83 by Western. Displace hole w/pad fluid @ 3 BPM. Pull up to 4720', pump 10 bbls break down fluid w/balls. Set packer, finish break down, balled of completely. Knock ball of perms.

4330'-4337' KB & 4107'-4114' KB - 5-24-83 by Western. Displace hole through tbg w/65 bbls hot KCL, then 6 bbls MRS, move packer to 4080'. Pump 10 bbls MRS w/20 balls, set packer. Pump 10 bbls w/4 balls @ 3 BPM. Break down @ 1600 psi. Got complete ball off, bled off, knocked balls off.

FRACTURE INFORMATION

5138'-5096' KB - 5-14-83 by Dowell w/68,000# 20/40 mesh sand w/16,500 gals 2% KCL wtr. No ATP, ATR or ISIP reported.

4908'-4923.5' KB - 5-18-83 by Dowell w/43,000# 20/40 mesh sand w/19,000 glas frac treatment. and 4870 gals flush slicked KCL wtr @ 20 BPM. ISIP 2000 psi, 5 min 1900 psi, 10 min 1880 psi, 15 min 1860 (leveled out).

4750.5'-4773.5' KB - 5-22-83 by Western w/50,000# 20/40 mesh sand w/28,248 gals treatment fluid. ISIP 1800 psi dropping very slowly.

4330'-4337' KB & 4107'-4114' KB - 5-24-83 by Western w/55,000# 20/40 mesh sand w/22,100 gals treatment fluid. ISIP 2000 psi, 5 min 1900 psi, 10 min 1800 psi, 15 min 1800 psi

C&O GOVT #4
Jonah Unit/Monument Butte Field
Lease No. U-035521-A
NE SW Sec. 12, T9S, R16E
Duchesne County, Utah

BALCRON OIL
6-23-94/ks

WELLBORE DIAGRAM

Elev.Gr @ 5450'
Elev.KB @ 5462' (12' KB)

SURFACE CASING

8-5/8", 24#, J-55
Length @ (not given) 292' KB -->
Hole size @ 12-1/4"
Depth landed @ 292' KB
Cemented with 241 cu. ft. Class "G"
w/ 2% CaCl
Good returns throughout.

PRODUCTION CASING

5-1/2", 15.5#, K-55
Length @ (not given)
Hole size @ 7-7/8"
Depth landed @ 5345' KB
Cemented w/633 cu. ft. Hi-Lift slurry,
plus 338 cu. ft. RFC slurry

TUBING

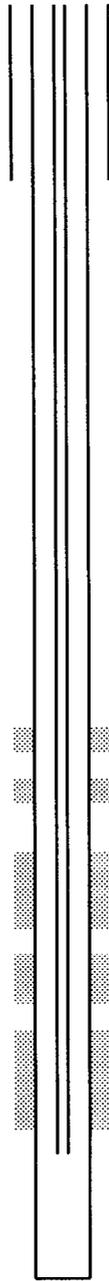
2-7/8", 6.5#, J-55
156 jnts @ (?)
SN @ 2-7/8" x (?)
Perf. Sub @ 2-7/8" x 4'
MA 2-7/8" x (?)
Total string length @ 5155'
SN landed @ (not shown)

ROD STRING

1 - Polish Rod
1 - 4'x 3/4" pony
1 - 6'x 3/4" pony
1 - 8'x 3/4" pony
204 - 3/4" plain rods

Pump size @ (not shown)

Stroke length @ (?), (?) SPM



ACID/BREAKDOWN JOB

See second page.

FRAC JOB

See second page.

PERFORATION RECORD

| | | |
|-----------------------|------------|---------|
| 4107'-4114' (7') | (8 shots) | YELLOW2 |
| 4330'-4337' (7') | (8 shots) | YELLOW5 |
| 4750'-4774' (24') | (24 shots) | RED5 |
| 4908'-4923.5' (15.5') | (22 shots) | GREEN1 |
| 5096'-5141' (45') | (18 shots) | GREEN4 |

<-- End of Tbg @ 5155' KB

PBTD @ 5305' KB
TD @ 5345' KB

C&O GOV'T #4
Jonah Unit/Monument Butte Field
Lease No. U-035521-A
NE SW Sec. 12, T9S, R16E
Duchesne County, Utah

ACID / BREAKDOWN INFORMATION

- 5138'-5096' KB - 5-14-83 by Dowell. Displace tbg w/40 bbls hot KCL w/27 balls. spot 4000 gals pre-pad in hole. Knock perf balls to btm.
- 4908'-4923.5' KB - 5-18-83 by Dowell. Displace w/93 bbls hot KCL wtr. Pull up to 4890'. Pump 14 bbls break down fluid w/balls. Set packer, resume break down & balls (2000 gals & 33 balls) @ 6 BPM & 2200 psi. Balled out.
- 4750.5'-4773.5' KB - 5-22-83 by Western. Displace hole w/pad fluid @ 3 BPM. Pull up to 4720', pump 10 bbls break down fluid w/balls. Set packer, finish break down, balled of completely. Knock ball of perms.
- 4330'-4337' KB & 4107'-4114' KB - 5-24-83 by Western. Displace hole through tbg w/65 bbls hot KCL, then 6 bbls MRS, move packer to 4080'. Pump 10 bbls MRS w/20 balls, set packer. Pump 10 bbls w/4 balls @ 3 BPM. Break down @ 1600 psi. Got complete ball off, bled off, knocked balls off.

FRACTURE INFORMATION

- 5138'-5096' KB - 5-14-83 by Dowell w/68,000# 20/40 mesh sand w/16,500 gals 2% KCL wtr. No ATP, ATR or ISIP reported.
- 4908'-4923.5' KB - 5-18-83 by Dowell w/43,000# 20/40 mesh sand w/19,000 glas frac treatment and 4870 gals flush slicked KCL wtr @ 20 BPM. ISIP 2000 psi, 5 min 1900 psi, 10 min 1880 psi, 15 min 1860 (leveled out).
- 4750.5'-4773.5' KB - 5-22-83 by Western w/50,000# 20/40 mesh sand w/28,248 gals treatment fluid. ISIP 1800 psi dropping very slowly.
- 4330'-4337' KB & 4107'-4114' KB - 5-24-83 by Western w/55,000# 20/40 mesh sand w/22,100 gals treatment fluid. ISIP 2000 psi, 5 min 1900 psi, 10 min 1800 psi, 15 min 1800 psi

BALCRON OIL

WELL REPORT

WELL NAME: C&O GOVT #2
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-035521-A
 LOCATION: NW SE Sec.12, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATIO: Douglas Creek/Green River
 COMPLETION DATE: 7-23-65
 INITIAL PRODUCTION: 130 STBOPD, 15 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing oil well
 ELEVATIONS - GROUND: 5515'
 TOTAL DEPTH: 5260' KB

DATE: 6-28-94/ks
 API NO.: 43-013-15112

NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 6-15-65
 OIL GRAVITY: 33 API
 BHT: 110 Deg.F

KB: 5525' (10' KB)
 PLUG BACK TD: 5227' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 271' (Includes 13-3/8" x 15' conductor pipe)
 DEPTH LANDED: 281' KB
 HOLE SIZE: 12-1/4"
 (Conductor pipe: 14-1/4")
 CEMENT DATA: (Conductor pipe: 6 sx cement)
 176 sxs Cement circulated to surface.

PRODUCTION CASING

| | |
|---------------------|--------------------|
| STRING: <u>1</u> | <u>2</u> |
| CSG SIZE: 5-1/2" | 5-1/2" |
| GRADE: Unknown | Unknown |
| WEIGHT: 14 # | 15.5 # |
| LENGTH: 0'-2500' | 2500'-5260' |
| DEPTH LANDED: 2500' | 5260' KB |
| HOLE SIZE: 7-7/8" | 7-7/8" |
| CEMENT DATA: | 206 cu. ft. Slurry |

CEMENT TOP AT: 4300' from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5 #
 NO. OF JOINTS: 164
 TUBING PUMP BARREL: Axelson pump - 2-1/2"
 (1-3/4" x 20' x 24' THC
 w/carburized barrel tube
 (New 10-24-83)
 TUBING ANCHOR: Yes - No dimensions
 Set @ 3568' (GL)
 NO. OF JOINTS: 25 - No dimensions
 SEATING NIPPLE: Yes - No dimensions
 PERF. SUB: 2-7/8" x 2'
 MUD ANCHOR: Yes - No dimensions
 TOTAL STRING LENGTH: 5176'
 STRING LANDED AT: 5186' KB

PERFORATION RECORD

| | | |
|----------------|---------|----------|
| 4413'-14' (1') | (4 SPF) | YELLOW 5 |
| 4420'-21' (1') | (4 SPF) | YELLOW 5 |
| 4838'-39' (1') | (4 SPF) | RED 5 |
| 5177'-78' (1') | (4 SPF) | GREEN 4 |

Workover July, 1984
 4989'-92' (4') (4 SPF) GREEN 1

PROPOSED PERFORATIONS (4/94)

4990'-4994' (4') (2 SPF) GREEN 1

ACID JOBS

| | |
|----------------|--------------------------------------|
| 4413'-4421' KB | 250 GAL 15% HCl @ 1850 psi, 11.5 BPM |
| 4838'-4839' KB | 250 GAL 15% HCl @ 2800 psi, 11 BPM |
| 5177'-5178' KB | 250 GAL 15% HCl @ 4400 psi, 11 BPM |

FRAC JOBS

| | |
|----------------|---|
| 4413'-5178' KB | 7-12-65 w/ 28000 gal 2% KCl wtr w/ 26000# 20-40 mesh sand, 16000 gal 2% KCl wtr w/ 24000# 20-40 mesh sand, & 8000 gal 2% KCl wtr w/ 4000# 8-12 mesh glass beads. ATR 48.5 BPM @ 2650 psi. |
| 4989'-4992' KB | 7-13-84 w/ 19500 gal 2% KCl wtr w/ 55000# 20-40 mesh sand. Tubing burst when final stage screened out on perms. Actual volume of sand in perms approx 34000#. |

SUCKER ROD RECORD

1 - 1-1/4" x 25' Polish Rod
 2 - 10' Scrapered Rods
 2700' of Scrapered Rods
 2435' of 3/4" Plain Rods
 5' Axite Plunger w/.003 clearance, Stainless
 Steel Balls, Tungsten Carbide Seats, &
 Williams Puller
 1 - Standing Valve

PUMP SIZE: See above
 STROKE LENGTH: Unknown
 PUMP SPEED, SPM: Unknown
 PUMPING UNIT SIZE:

LOGS: Sonic Log - Gamma Ray; Cement Bond Log;
 Induction-Electrical Log; Formation Analysis Log

C&O GOV'T #2
 Jonah Unit/Monument Butte Field
 Lease No. U-035521-A
 NW SE Sec.12, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 6-28-94/ks

WELLBORE DIAGRAM

Elev.Gr @ 5515'
 Elev.KB @ 5525' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 271' (Includes 13-3/8" x 15' conductor pipe)
 Hole size @ 12-1/4" (Conductor pipe @ 14-1/4")
 Depth landed @ 281' KB
 Cemented w/176 sxs Cement (Conductor pipe: 6 sx cement)

PRODUCTION CASING

281' KB -->

String #1: 5-1/2", 14#, Grade unknown (0'-2500')
 String #2: 5-1/2", 15.5#, Grade unknown (2500'-5260')
 Length @ 5250'
 Hole size @ 7-7/8"
 Depth landed @ 5260' KB
 Cemented w/206 cu. ft. Slurry
 TOC @ 4300' from CBL

TUBING

2-7/8", 6.5#, J-55
 164 jrts @ (?)
 TPB: Axelson pump - 2-1/2" (1-3/4") x 20' x 24' THC w/carburized barrel tube (New 10-24-83)
 TA @ (No dimensions given) 25 jrts @ (?)
 SN @ (No dimensions given)
 Perf.Sub @ 2-7/8" x 2'
 MA @ (No dimensions given)
 Total string length @ 5176'
 String landed @ 5186' KB

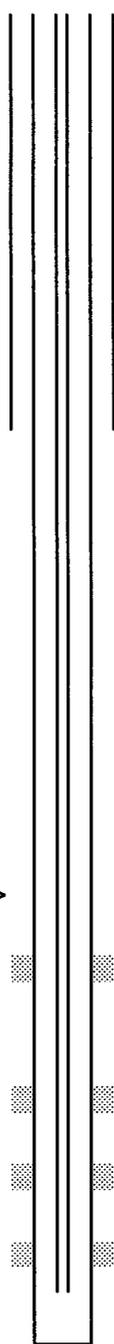
TOC @ 4300' -->

ROD STRING

1 - 1-1/4" X 25' Polish Rod
 2 - 10' Scraped Rods
 2700' of Scraped Rods
 2435' of 3/4" Plain Rods
 5' Axite Plunger w/.003 clearance, Stainless Steel Balls, Tungsten Carbide Seats, & Williams Puller
 1 - Standing Valve

Pump size @ 2-1/2" (1-3/4") x 20' x 24' THC (tubing pump) w/carburized barrel tube

No stroke length or SPM given



ACID JOBS

4413'-4421' KB 250 GAL 15% HCl @ 1850 psi, 11.5 BPM
 4838'-4839' KB 250 GAL 15% HCl @ 2800 psi, 11 BPM
 5177'-5178' KB 250 GAL 15% HCl @ 4400 psi, 11 BPM

FRAC JOBS

4413'-5178' KB 7-12-65 w/ 28000 gal 2% KCl wtr w/ 26000# 20-40 mesh sand, 16000 gal 2% KCl wtr w/ 24000# 20-40 mesh sand, & 8000 gal 2% KCl wtr w/ 4000# 8-12 mesh glass beads. ATR 48.5 BPM @ 2650 psi.
 4989'-4992' KB 7-132-84 w/ 19500 gal 2% KCl wtr w/ 55000# 20-40 mesh sand. Tubing burst when final stage screened out on perms. Actual volume of sand in perms approx 34000#.

PERFORATION RECORD

4413'-14' (1') (4 SPF) YELLOW 5
 4420'-21' (1') (4 SPF) YELLOW 5
 4838'-39' (1') (4 SPF) RED 5
 5177'-78' (1') (4 SPF) GREEN 4

Workover July, 1984

4989'-92' (4') (4 SPF) GREEN 1

PROPOSED PERFORATIONS (4/94)

4990'-4994' (4') (2 SPF) GREEN 1

SN Landing depth unknown

PBTD @ 5227' KB
 TD @ 5260' KB

BALCRON OIL**WELL REPORT**

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WELL NAME: BALCRON MONUMENT FEDERAL #14-12J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-035521-A
 LOCATION: SW SW Section 12, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 12-18-93
 INITIAL PRODUCTION: 70 STBOPD, 0 MSCFPD, 20 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5487'
 TOTAL DEPTH: 5750' KB

DATE: 6-23-94 /ks

API NO.: 43-013-31411

NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 11-3-93
 RIG RELEASE DATE: 12-1-93
 OIL GRAVITY: 34 API
 BHT: 143 Deg.F
 KB: 5497' (10' KB)
 PLUG BACK TD: 5667.95' KB

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 271.17'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 279' KB
 CEMENT DATA: 150 sxs Class "G" w/2% CCL
 & 1/4#/sx Flocele. Good
 returns - Cmt back to pit.

TUBING RECORD

SIZE/GRADE/WT: 2-7/8", J-55, 6.5 #
 NO. OF JOINTS: 164 jrnts @ 5104.47'
 TUBING ANCHOR: NA
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2-7/8" x 1.1' (2.25" ID)
 PERF. SUB: 2-7/8" x 3.2'
 MUD ANCHOR: 2-7/8" x 31.35' w/NC
 TOTAL STRING LENGTH: 5150.12' KB
 SN LANDED AT: 5115.57' KB

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod SM
 1 - 3/4" x 4' Pony Rod
 204 - 3/4" x 25' Plain Rods D-61

PUMP SIZE: 2-1/2' x 1-1/2" x 16' RWAC,
 w/PA Plunger (Trico #1023)
 STROKE LENGTH: 86"
 PUMP SPEED: 5 SPM
 PUMPING UNIT SIZE: Lufkin - LM 228-D-213-86E
 S/N B129-374A525029 w/Ajax
 engine E-42, S/N 24227

LOGS: Compensated Neutron/Litho-Density Log;
 Dual Laterolog Micro-SFL; Gamma Ray After-
 Frac Log; Cement Bond & Gamma-Ray Collar Log;
 Mud Log.

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 #
 LENGTH: 5718.17'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5727.17' KB
 CEMENT DATA: 220 sx lead cmt tailed w/260
 sx 50/50 POZ w/10% salt, .3%
 CFR3, .3% HALAD 344, .2% HR4,
 2% gel.
 CEMENT TOP AT: Unknown

PERFORATION RECORD

4097'-4104' (7') (5 holes) YELLOW3
 4299'-4308' (9') (6 holes) YELLOW5
 5070'-5078' (8') (2 SPF) GREEN4

BREAKDOWN/ACID JOBS

5070'-5078' KB - 12-6-93: 1806 gals 2% KCL wtr;
 Avg press 1700 psi, max 3500
 psi. Avg rate 4.1 BPM, max 6.8
 BPM. ISIP 873 psi.
 4097'-4308' KB - 12-9-93: 500 gals 15% HCL; Avg
 press 2200 psi, Avg rate 8.6 BPM

FRAC JOBS

5070'-5078' KB - 12-6-93: 20,000# 20/40 mesh sand
 w/ 12,012 gals 2% KCL wtr. No avg
 pressure or rate listed. (Screened
 Out). ISIP 2800 psi.
 4097'-4308' KB - 12-9-93: 41,300# 20/40 mesh sand
 w/ 19,204 gals 2% KCL wtr; Avg
 pressure & rate unknown. ISIP
 1606 psi.

BALCRON MONUMENT FEDERAL #14-12J
 Jonah Unit/Monument Butte Field
 Lease No. U-035521-A
 SW SW Section 12, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 6-23-94 /ks

WELLBORE DIAGRAM

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Elev. Gr @ 5487'
 Elev. KB @ 5497'

SURFACE CASING

8-5/8", J-55, 24 #
 Length @ 271.17'
 Hole size @ 12-1/4"
 Depth landed @ 279' KB
 Cemented w/150 sxs Class "G"
 w/2% CCL & 1/4#/sx Flocele
 Good returns, 4 BBLS cmt back to pit.

279' KB --->

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5718.17'
 Hole size @ 7-7/8"
 Depth landed @ 5727.17' KB
 Cemented w/220 sxs lead cement & tail
 w/260 sxs 50-50 POZ w/additives.
 TOC Unknown - CBL Log run

TUBING

2-7/8", 6.5#, J-55
 164 jnts @ 5104.47'
 SN @ 2-7/8" x 1.1' (2.25" ID)
 Perf. Sub @ 2-7/8" x 3.2'
 MA @ 2-7/8" x 31.35' w/NC
 Total string length @ 5150.12' KB
 SN landed @ 5115.57' KB

ROD STRING

1 - 1-1/4" x 22' Polish Rod SM
 1 - 3/4" x 4' Pony Rod
 204 - 3/4" x 25' Plain Rods D-61
 Pump size @ 2-1/2" x 1-1/2" x 16' RWAC
 w/PA Plunger (Trico #1023)
 Stroke length @ 86", 5 SPM

Lufkin - LM 228-D-213-86E
 S/N B129-374A525029 w/ Ajax
 Engine E-42, S/N 24227

BREAKDOWN/ACID JOBS

5070'-5078' KB - 12-6-93: 1806 gals 2% KCL wtr;
 Avg Press 1700 psi, max 3500
 psi. Avg Rate 4.1 BPM, max 6.8
 BPM. ISIP 873 psi.
 4097'-4308' KB - 12-9-93: 500 gals 15% HCL; Avg
 press 2200 psi, Avg rate 8.6 BPM

FRAC JOBS

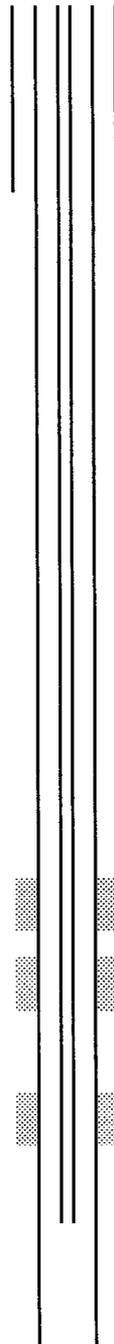
5070'-5078' KB - 12-6-93: 20,000# 20/40 mesh sand
 w/ 12,012 gals 2% KCL wtr. No avg
 pressure or rate listed. (Screened
 Out). ISIP 2800 psi.
 4097'-4308' KB - 12-9-93: 41,300# 20/40 mesh sand
 w/ 19,204 gals 2% KCL wtr; Avg
 pressure & rate unknown. ISIP
 1606 psi.

PERFORATION RECORD

| | | |
|------------------|-----------|---------|
| 4097'-4104' (7') | (5 holes) | YELLOW3 |
| 4299'-4308' (9') | (6 holes) | YELLOW5 |
| 5070'-5078' (8') | (2 SPF) | GREEN4 |

<-- SN landed @ 5115.57'KB

PBTD @ 5667.95' KB
 TD @ 5750' KB



WELL NAME: BALCRON MONUMENT FEDERAL #24-12J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-035521-A
 LOCATION: SE SW Section 12, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.797800
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 12-30-93
 INITIAL PRODUCTION: 80 STBOPD, 10 STBWPD
 OIL/GAS PURCHASER:
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5495'
 TOTAL DEPTH: 5700' KB

DATE: 7-12-94/ks
 API NO.: 43-013-31409

NET REVENUE INT.: 0.6582

SPUD DATE: 11-8-93
 RIG RELEASE DATE: 12-9-93
 OIL GRAVITY: 34 Deg API
 BHT: 148 Deg F
 KB: 5505' (10' KB)
 PLUG BACK TD: 5634.31' KB

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 lbs
 LENGTH: 6 jts @ 271.28'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 279' KB
 CEMENT DATA: 150 sx Class G w/ 2% CaCl &
 1/4#/sx Celoflake. Cemented
 to surface with good returns.

TUBING RECORD

NO. OF JOINTS: 177 jts @ 5504.99'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 7/8" x 1.1'
 PERF. SUB: 2 7/8" x 3.2'
 MUD ANCHOR: 2 7/8" x 31.42'
 TOTAL STRING LENGTH: 5550.71' KB
 SN LANDED AT: 5516.09' KB

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod
 2 - 3/4" x 6' Pony rods
 219 - 3/4" x 25' Plain rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 w/ PA plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4-1/4 SPM
 PUMPING UNIT SIZE:

LOGS: Dual Laterolog - Gamma Ray, Spectral Density/
 Dual Spaced Neutron Log, Cement Bond - Gamma
 Ray - CCL Log, Mud Log.

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs
 LENGTH: 5676.22'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 5685.22' KB
 CEMENT DATA: 204 sx G w/4% Thriftylite, 3%
 salt tailed w/215 sx 50/50 POZ
 w/2% gel & 10% salt
 CEMENT TOP AT: Unknown

PERFORATION RECORD

| | | |
|------------------|---------|---------|
| 4080'-4086' (6') | (2 SPF) | YELLOW2 |
| 4118'-4123' (5') | (2 SPF) | YELLOW3 |
| 4746'-4750' (4') | (2 SPF) | RED5 |
| 5476'-5485' (9') | (2 SPF) | BLUE1 |

ACID JOBS

| | |
|-------------|---|
| 4080'-4123' | 12-22-93 with 500 gal 15% HCl |
| 4746'-4750' | 12-17-93 with 500 gal 15% HCl w/ 16 ball sealers |
| 5476'-5485' | 12-13-93: Dowell - No details available |

FRAC JOBS

| | |
|-------------|---|
| 4080'-4123' | 12-22-93 w/ 33085# 16-30 mesh sand in 21000 gal YF155 2% KCl water |
| 4746'-4750' | 12-17-93 w/ 13978# 16-30 mesh sand in 10374 gal YF155 2% KCl water. Screened out during flush. ATR 15 BPM @ 2500 psi, max 3350 psi. ISIP 2450 psi, 10 min - 1488 psi, 15 min - 1484 psi. |
| 5476'-5485' | 12-14-93: Dowell - Screened out - no details available. |

BALCRON MONUMENT FEDERAL #24-12J
 Jonah Unit/Monument Butte Field
 Lease No. U-035521-A
 SE SW Section 12, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-12-94/ks

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WELLBORE DIAGRAM

Elev. GL @ 5495'
 Elev. KB @ 5505' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 6 jts @ 271.28'
 Landed @ 279' KB
 Hole size 12-1/4"
 Cemented w/ 150 sx Class G w/ 2%
 CaCl & 1/4#/sx Celoflakes. Circulated
 to surface with good returns.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 129 jts @ 5676.22'
 Landed @ 5685.22' KB
 Hole size 7-7/8"
 Cemented w/ 204 sx G w/4% Thriftlylite,
 3% salt tailed w/215 sx 50/50 POZ
 w/2% gel & 10% salt.
 Unable to depict cement

TUBING

2 7/8", 6.5#, J-55
 177 jts @ 5504.99'
 SN - 2-7/8" X 1.10'
 Mud Anchor - 2-7/8" x 31.42'
 Total string length - 5550.71' KB
 SN Landed @ 5516.09'

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod
 2 - 3/4" x 6' Pony rods
 219 - 3/4" x 25' Plain rods

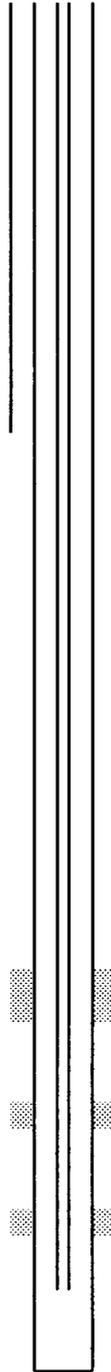
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 w/ PA plunger

STROKE LENGTH: 86"

PUMP SPEED, SPM: 4-1/4 SPM

PUMPING UNIT SIZE:

279' KB -->



ACID JOBS

4080'-4123' 12-22-93 with 500 gal 15% HCl
 4746'-4750' 12-17-93 with 500 gal 15% HCl w/
 16 ball sealers
 5476'-5485' 12-13-93: Dowell - No details available

FRAC JOBS

4080'-4123' 12-22-93 w/ 33085# 16-30 mesh sand
 in 21000 gal YF155 2% KCl water
 4746'-4750' 12-17-93 w/ 13978# 16-30 mesh sand
 in 10374 gal YF155 2% KCl water.
 Screened out during flush. ATR 15
 BPM @ 2500 psi, max 3350 psi. ISIP
 2450 psi, 10 min - 1488 psi, 15
 min - 1484 psi.
 5476'-5485' 12-14-93. Screened out - no details
 available.

PERFORATION RECORD

| | | |
|-----------------|---------|---------|
| 4080'-4086' (6) | (2 SPF) | YELLOW2 |
| 4118'-4123' (5) | (2 SPF) | YELLOW3 |
| 4746'-4750' (4) | (2 SPF) | RED5 |
| 5476'-5485' (9) | (2 SPF) | BLUE1 |

<---SN Landed @ 5516.09' KB

PBTD @ 5634.31' KB
 TD @ 5700' KB

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=====
State : Utah SL Merid 9S - 16E - 13 c nw nw

County: DUCHESNE Oper: PAN AMERICAN PETR CORP

Field : WILDCAT Compl: 06/25/1964 W D P&A

=====
Well: USA PAN AMERICAN F- #1 Last Info: 05/22/1983

Ftg: 660 fnl 660 fwl

Oper Address: PO Box 569, Powell WY 82435

Obj: Permit #: 05/25/1964 API: 43-013-1082200

Elev: 5540RB *5540RB*

=====
Spud: 06/03/1964

TD: 6000

=====
Elev: 5540RB FORMATION TOPS (Type: L=Log S=Sample V=True Vertical)
(Source: H=Scout,T=Govt,S=Shell,G=USGS,N=NDGS)

| Formation | Depth | Elev T/S | Formation | Depth | Elev T/S |
|----------------|-------|----------|----------------|-------|----------|
| Green River | 1458 | 4082 L T | Garden Gulch T | 5010 | 530 L T |
| Garden Gulch | 3625 | 1915 L T | Wasatch | 5920 | -380 L T |
| Garden Gulch K | 4636 | 904 L T | | | |

<< State Records >>

Casing: 10 3/4 @ 309 w/230

Core : #1 5030- 5086

Cut & rec 56

DST : #1 4740- 4768

op 5 si 30 op 90 si 60. IF op w/strg blo GTS/35 min. Rec

20 ft sli GCM. HP 2377-2377 FP 48-32 SIP 1268-1815

#2 5030- 5086

op

5 si 30 op 60 si 60. IF op w/vry wk blo; FF op w/very wk blo & died

/10 min Rec 5 ft O. w/sli scum of O. HP 2501-2501 FP 21-21 SIP 43-43

BHT 140 F

#3 3802- 3863

op 20 si 60 op 12 si 60. IF p w/vry wk blo; FF

op w/no blo incr to vry wk blo. HP 1904-1904 FP 265-319 SIP 1464-1345

Logs : IES GRS DM

Journl: Contractor: Exeter Confidential Field Resigned July, 1964

BALCRON OIL

WELL REPORT

WELL NAME: BALCRON FEDERAL #21-13Y
 FIELD: Monument Butte Field
 FEDERAL LEASE NO.: U-64805
 LOCATION: NE NW Sec.13,T9S,R16E
 COUNTY/STATE: Duchesne County,Utah
 WORKING INTEREST: 0.50
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 9-16-93
 INITIAL PRODUCTION: 84 STBOPD, 126 MSCFPD, 7 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5533'
 TOTAL DEPTH: 5950' KB

DATE: 7-18-94/ks
 API NO.: 43-013-31400
 NET REVENUE INT.: .415
 SPUD DATE: 8-13-93
 RIG RELEASE DATE: 8-22-93
 OIL GRAVITY: 34 API
 BHT: 144 Deg.F
 KB: 5543' (10' KB)
 PLUG BACK TD: 5888' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 lbs.
 LENGTH: 6 jnts. @ 250.5'
 DEPTH LANDED: 259' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 150 sxs Premium w/ 2% CaCl
 & 1/4#/sx Flocele. Good
 job with returns to surface.

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs.
 LENGTH: 139 jnts. @ 5,933.22'
 DEPTH LANDED: 5940.72' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 145 sxs Hilift + Additives
 325 sxs Class "G" + Additives
 CEMENT TOP AT: 1040' from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5 lbs.
 NO. OF JOINTS: 154 jnts. @ 4726'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 7/8" x 1'
 PERF. SUB: 2 7/8" x 3'
 MUD ANCHOR: 2 7/8" x 31'
 TOTAL STRING LENGTH: 4807' KB
 SN LANDED AT: 4771' KB

PERFORATION RECORD

4309'-4325' (16') (2 SPF)
 4751'-4765' (14') (2 SPF)

BREAKDOWN

4309'-4325' 5000 gal 2% KCl water & 75 ball sealers

FRAC JOBS

4309'-4325' 9-1-93: By Western w/ 33600# 16-30 sand. ATR 24.5 BPM @ 2050 psi, max 2200 psi. ISIP 1800 psi, 10 - 1460 psi, 15 - 1360 psi.
 4751'-4765' 8-28-93: By Western w/ 10818 gal Viking 135# w/ 22600# 20-40 mesh sand & 15380# 16-30 mesh sand. ATR 20 BPM @ 1900 psi, max 2350 psi. ISIP 1850 psi, 10 - 1450 psi, 15 - 1420 psi.

SUCKER ROD RECORD

1 - 1 1/4" X 16' Polish Rod
 1 - 3/4" x 6' Pony
 1 - 3/4" x 2' Pony
 184 - 3/4" x 25' Plain Rods
 6 - 1" x 25' Rods w/2 1/2" Guides EL

PUMP SIZE: 2 1/2" x 1 1/2" x 16'
 Ring Plunger
 STROKE LENGTH: 64" Stroke
 PUMP SPEED, SPM: 9 SPM
 PUMPING UNIT SIZE:

LOGS: Simultaneous Dual Laterolog; Compensated Neutron-Litho-Density Log; Hydrocarbon/Lithology Log; Cement Bond & Gamma-Ray & Collar Log

BALCRON FEDERAL #21-13Y
Monument Butte Field
Lease No. U-64805
NE NW Sec.13,T9S,R16E
Duchesne County,Utah

BALCRON OIL
7-18-94/ks

WELLBORE DIAGRAM

Elev. GL @ 5533'
Elev. KB @ 5543' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
Length @ 250.5'
Hole Size @ 12-1/4"
Depth Landed @ 259' KB
Cemented w/ 150 sx Premium w/ 2% CaCl
& 1/4#/sx Flocele with good returns.
Cemented to surface.

259' KB ---->

PRODUCTION CASING

5-1/2", 15.5#, K-55
Length @ 5933.22'
Depth Landed @ 5940.72' KB
Cemented w/ 145 sx Hilit w/ additives
& 325 sx Class G w/ additives.
TOC @ 1040' from CBL

TOC @ 1040' ---->

TUBING

2-7/8", 6.5#, J-55
154 jnts @ 4726'
SN @ 2-7/8" x 1.0'
Perf. Sub @ 2-7/8" x 3.0'
MA @ 2-7/8" x 31.0'
Total String Length @ 4807' KB
SN Landed @ 4771' KB

SUCKER ROD RECORD

1 - 1 1/4" x 16' Polish Rod
1 - 3/4" x 6' Pony
1 - 3/4" x 2' Pony
184 - 3/4" x 25' Plain Rods
6 - 1" x 25' Rods w/ 2-1/2" Guides EL

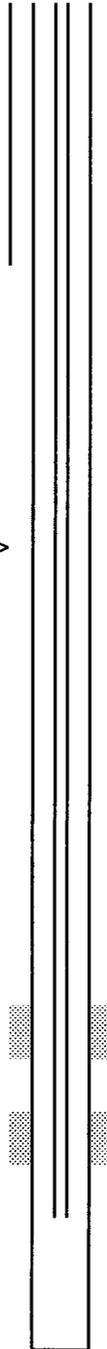
PUMP SIZE: 2 1/2" x 1 1/2" x 16'

Ring Plunger

STROKE LENGTH: 64" Stroke

PUMP SPEED, SPM: 9 SPM

PUMPING UNIT SIZE:



BREAKDOWN

4309'-4325' 5000 gal 2% KCl water & 75 ball sealers

FRAC JOBS

4309'-4325' 9-1-93: By Western w/ 33600# 16-30 sand. ATR 24.5 BPM @ 2050 psi, max 2200 psi. ISIP 1800 psi, 10 - 1460 psi, 15 - 1360 psi.
4751'-4765' 8-28-93: By Western w/ 10818 gal Viking I 35# w/ 22600# 20-40 mesh sand & 15380# 16-30 mesh sand. ATR 20 BPM @ 1900 psi, max 2350 psi. ISIP 1850 psi, 10 - 1450 psi, 15 - 1420 psi.

PERFORATION RECORD

4309'-4325' (16') (2 SPF)
4751'-4765' (14') (2 SPF)

← SN @ 4771' KB

PBTD @ 5888' KB
TD @ 5950' KB

WELL NAME: GOATES FEDERAL #3-14
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096547
 LOCATION: NW NW Sec.14,T9S,R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 9-17-82 (2-22-65 Original Hole)
 INITIAL PRODUCTION: 33 STBOPD, 15 MCFPD, 0 STBWPD
 INTL. PROD. RECOMPL.: 12 STBOPD, 9 MCFPD, 2 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 3 STBOPD
 ELEVATIONS - GROUND: 5596'
 TOTAL DEPTH: 5950' KB (5150' KB Original Hole)

DATE: 6-30-94/ks
 API NO.: 43-013-15791

NET REVENUE INT.: 0.825
 SPUD DATE: 8-25-82 (12-30-64 Original Hole)
 RIG RELEASE DATE: 9-17-82 (1-19-65 Original Hole)
 OIL GRAVITY: 30 API (Recompletion)
 BHT: 140 Deg F
 KB: 5606' (10' KB)
 PLUG BACK TD: 5925' KB (5140' Original Hole)

SURFACE CASING

STRING: 1
 SIZE: 9 5/8"
 GRADE: J-55
 WEIGHT: 32.3 lbs.
 LENGTH: 7 jts @ 213'
 DEPTH LANDED: 226' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 200 sx

PRODUCTION CASING

| | 1 | 2 |
|----------------|----------|--------------------|
| STRING: | 1 | 2 |
| SIZE: | 5 1/2" | 3 1/2" |
| GRADE: | J-55 | N-80 |
| WEIGHT: | 15.5 lbs | 8.81 lbs |
| LENGTH: | 5127' | 874' (Top @ 5075') |
| DEPTH LANDED: | 5140' KB | 5949' KB |
| HOLE SIZE: | 7 7/8" | 4 3/4" |
| CEMENT DATA: | 200 sx | 35 sx Class G |
| CEMENT TOP AT: | | 5380' CBL |

TUBING RECORD

SIZE/GRADE/WT.: 2 3/8", 4.6 lbs
 NO. OF JOINTS: 161 jts. @ 4982'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 3/8" x 1.1'
 PERF. SUB: 2 3/8" x 3'
 MUD ANCHOR: 2 3/8" x 30'
 TOTAL STRING LENGTH: 5026' KB
 SN LANDED AT: 4996' KB

PERFORATION RECORD

| | | | |
|-----------------|-------------------|-------------------|--------|
| 4585' (1 Shot) | 4585.5' (1 Shot) | 4585.75' (1 Shot) | RED1 |
| 4722' (1 Shot) | 4722.5' (1 Shot) | | RED5 |
| 4728' (1 Shot) | 4728.5' (1 Shot) | | RED5 |
| 4734' (1 Shot) | 4734.5' (1 Shot) | | RED5 |
| 5056' (4 Shots) | 5056.5' (4 Shots) | | GREEN5 |

RECOMPLETION:

5447' (1 SPF) BLUE1
 5451' (1 SPF) BLUE1
 5453' (1 SPF) BLUE1
 5460' (1 SPF) BLUE1
 5467' (1 SPF) BLUE1
 5492' (1 SPF) BLUE2
 5494' (1 SPF) BLUE2
 5496' (1 SPF) BLUE2
 5498' (1 SPF) BLUE2
 5503' (1 SPF) BLUE2
 5828' (1 SPF) BLUE4
 5830' (1 SPF) BLUE4

SUCKER ROD RECORD

1 - 1/4" x 22' Polished Rod
 199 - 3/4" x 25' Plain Rods

PUMP SIZE: 2 x 1 1/2" x 16' RWBC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114 (serviced 10-16-92)
 Ajax Motor

ACID JOBS

4585.75'-4722' KB 500 gals 15% mud acid.
 5056'-5056.5' KB 250 gals 15% mud acid.

RECOMPLETION:

5447'-5830' KB 1500 gals 7.5% HCl acid & 18 balls, saw good ball action.

FRAC JOBS

4585.75'-4722' KB 1-30-65. 125 Bbls preflush, 11440 gal Ashley Valley crude w/ 12600# 20-40 sand, 2000 gal oil w/1000# glass beads, 124 Bbls oil @ 30 BPM @ 4200 psi.
 5056'-5056.5' KB 1-29-65. 155 Bbls Ashley Valley crude preflush, 16300 gal crude w/ 16800# 20-40 mesh sand, 4000 gal crude w/ 1000# glass beads @ 28 BPM @ 3875 psi.
 RECOMPLETION:
 5447'-5830' KB 9-12-82 w/ Dowell. 39364 gal YF4PSD fluid w/55400# 20-40 sand. Screened out prior to 10-20 sand hitting perms. ATR 16 BPM @ 3600 psi. ISIP 1850 psi, 15 - 1600 psi, 20 - 1600 psi.

LOGS: Cement Bond Log, Compensated Formation
 Density Log, Induction Resistivity Log,
 Mud Log.

GOATES FEDERAL #3-14
 Jonah Unit/Monument Butte Field
 Lease No. U-096547
 NW NW Sec. 14, T9S, R16E
 Duchesne Co., Utah

BALCRON OIL
 6-30-94/ks

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Wellbore Diagram

Elevs: GL @ 5596', KB @ 5606' (10' KB)

SURFACE CASING

9 5/8", 32.3#, J-55
 7 jts @ 213'
 Landed @ 226' KB
 Cemented w/200 sx
 Hole Size @ 12 1/4"

226' KB --->

PRODUCTION CASING

5 1/2", 15.5#, J-55
 171 jts @ 5127'
 Landed @ 5140' KB
 Cemented w/200 sx
 Hole Size @ 7 7/8"
 3 1/2", 8.81#, N-80 Flush Joint
 28 jts @ 874'
 Landed @ 5949' KB
 Cemented w/35 sx Class G
 Hole Size @ 4 3/4"
 Cement Top @ 5380' from CBL

SN Landed @ 4996' KB -->

TUBING

2 3/8", 4.6#, J-55
 161 jts @ 4982'
 SN - 2 3/8" x 1.1'
 Perf. Sub - 2 3/8" x 3'
 Mud Anchor - 2 3/8" x 30'
 Total String Length - 5026' KB
 SN Landed At 4996' KB

5075' KB --->

5140' KB --->

TOC @ 5380' --->

SUCKER ROD RECORD

1 - 1/4" x 22' Polished Rod
 199 - 3/4" x 25' Plain Rods

PUMP SIZE: 2 x 1 1/2" x 16' RWBC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114 (serviced 10-16-92)
 Ajax Motor

ACID JOBS

4585.75'-4722' KB 500 gals 15% mud acid.
 5056'-5056.5' KB 250 gals 15% mud acid.

RECOMPLETION:

5447'-5830' KB 1500 gals 7.5% HCl acid & 18 balls, saw good ball action.

FRAC JOBS

4585.75'-4722' KB 1-30-65. 125 Bbls preflush, 11440 gal Ashley Valley crude w/ 12600# 20-40 sand, 2000 gal oil w/1000# glass beads, 124 Bbls oil @ 30 BPM @ 4200 psi.

5056'-5056.5' KB 1-29-65. 155 Bbls Ashley Valley crude preflush, 16300 gal crude w/ 16800# 20-40 mesh sand, 4000 gal crude w/ 1000# glass beads @ 28 BPM @ 3875 psi.

RECOMPLETION:

5447'-5830' KB 9-12-82 w/ Dowell. 39364 gal YF4PSD fluid w/55400# 20-40 sand. Screened out prior to 10-20 sand hitting perfs. ATR 16 BPM @ 3600 psi. ISIP 1850 psi, 15 - 1600 psi, 20 - 1600 psi.

PERFORATION RECORD

| 4585' (1 Shot) | 4585.5' (1 Shot) | 4585.75' (1 Shot) | RED1 |
|-----------------|-------------------|-------------------|--------|
| 4722' (1 Shot) | 4722.5' (1 Shot) | | RED5 |
| 4728' (1 Shot) | 4728.5' (1 Shot) | | RED5 |
| 4734' (1 Shot) | 4734.5' (1 Shot) | | RED5 |
| 5056' (4 Shots) | 5056.5' (4 Shots) | | GREEN5 |

RECOMPLETION:

| | |
|---------------|-------|
| 5447' (1 SPF) | BLUE1 |
| 5451' (1 SPF) | BLUE1 |
| 5453' (1 SPF) | BLUE1 |
| 5460' (1 SPF) | BLUE1 |
| 5467' (1 SPF) | BLUE1 |
| 5492' (1 SPF) | BLUE2 |
| 5494' (1 SPF) | BLUE2 |
| 5496' (1 SPF) | BLUE2 |
| 5498' (1 SPF) | BLUE2 |
| 5503' (1 SPF) | BLUE2 |
| 5828' (1 SPF) | BLUE4 |
| 5830' (1 SPF) | BLUE4 |

PBTD @ 5925' KB (Recompletion)

TD @ 5950' KB (Recompletion)

BALCRON OIL**WELL REPORT**

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WELL NAME: BALCRON MONUMENT FEDERAL #21-14J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096547
 LOCATION: NE NW Section 14, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 4-21-94
 INITIAL PRODUCTION: 45 BO, 0 MCFG, 0 BWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5592' GL
 TOTAL DEPTH: 5750' KB

DATE: 6-23-94 /ks

API NO.: 43-013-31421

NET REVENUE INT.: Oil - 0.73831617
 Gas - 0.66359285
 SPUD DATE: 2-9-94
 RIG RELEASE DATE: 3-31-94
 OIL GRAVITY: 34 API
 BHT: 138 Deg F
 KB: 5602' (10' KB)
 PLUG BACK TD: 5688' KB

SURFACE CASING

 STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 lbs
 LENGTH: 6 jts @ 248.40'
 DEPTH LANDED: 256' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sacks "G" w/2% CCL &
 1/4 lb per sack Celoflakes.
 Cemented to surface.

PRODUCTION CASING

 STRING: 1
 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs
 LENGTH: 5723.57'
 DEPTH LANDED: 5732.57'KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 160 sacks Thrifty-Lite and
 tail w/270 sacks 50-50 POZ.
 CEMENT TOP AT: 2075' KB per CBL

TUBING RECORD

 SIZE/GRADE/WT.: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 146 jts @ 4559.04'
 TUBING ANCHOR: 2-7/8" x 5-1/2" X 2.35'
 NO. OF JOINTS: 17 jts @ 525.68'
 SEATING NIPPLE: 2-7/8" x 1.10'
 PERF. SUB: 2-7/8" x 3.2'
 NO. OF JOINTS: 1 jt @ 30.32'
 TOTAL TUBING LENGTH: 5131.69' KB
 SN LANDED AT: 5098.17' KB

PERFORATION RECORD

 4608'-4612' KB (4 SPF) RED 1
 5057'-5068' KB (4 SPF) GREEN 4

SUCKER ROD RECORD

 1 - 1-1/4" x 22' Polish Rod SM
 1 - 3/4" x 4' Pony
 2 - 3/4" x 8' Ponies
 202 - 3/4" x 25' Plain Rods D-61

PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC
 w/ PA Plunger (#1047)
 STROKE LENGTH: 98"
 PUMP SPEED, SPM: 4 SPM
 PUMPING UNIT SIZE: Lufkin LM-228D-213-86T
 S/N B129530A-52561
 Ajax engine CMA-E42
 S/N 77572
 (2) 400-BBI Natco tanks
 12'x 20' w/ burners
 S/N's 76001509-01 &
 9D88601-01

LOGS: Azimuthal Laterolog/Micro SFL; Compensated
 Neutron/Litho Density; Repeat Formation
 Tester; Multiple Isotope Spectroscopy Log;
 Mud Log; Cement Bond/Gamma Ray/CCL Log;
 Mechanical Sidewall Coring Tool (Cores cut
 @ 2619', 4081', 4088', 4609', 4611', 4748',
 4827', 5062', 5107', 5241', 5474', 5519')

BALCRON MONUMENT FEDERAL #21-14J
Jonah Unit/Monument Butte Field
Lease No. U-096547
NE NW Section 14, T9S, R16E
Duchesne County, Utah
Page Two

ACID/BREAK DOWN

5057'-5068' KB - 4-5-94 by Western w/500 gals 15% HCL acid. ISIP 1000 psi.

4608'-4612' KB - 4-11-94 by Western w/500 gals 15% HCl acid. ATP 3200 psi, max 5000 psi.
ATR 4 BPM, max 4 BPM. ISIP 1400 psi.

FRAC JOB

5057'-5068' KB - 4-6-94 by Western & Protechnics w/16,000# 20/40 mesh sand and 15,000#
16/30 mesh sand w/14,994 gals 2% KCL gelled wtr. ATP 3200 psi, max
3500 psi. ATR 24 BPM, max 25 BPM. ISIP 2000 psi, 5 min 1950 psi,
10 min 1700 psi, 15 min 1650 psi.

4608'-4612' KB - 4-11-94 by Western & Protechnics w/12,100# 16/30 mesh sand
w/8,852 gals 2% KCL gelled wtr. ATP 3900 psi, max 4600 psi.
ATR 25.1 BPM, max 25.6 BPM. ISIP 1950 psi, 5 min 1580 psi.
10 min 1520 psi, 15 min 1310 psi.

BALCRON MONUMENT FEDERAL #21-14J
 Jonah Unit/Monument Butte Field
 Lease No. U-096547
 NE NW Section 14, T9S, R16E
 Duchesne County, Utah

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BALCRON OIL
 6-23-94 /ks

Wellbore Diagram

Elev. GL @ 5592'
 Elev. KB @ 5602' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 248.40'
 Landed @ 256' KB
 Cemented w/150 sacks "G" w/2% CCL &
 1/4# per sack Celloflakes.
 Cemented to surface.
 Hole Size @ 12-1/4".

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5723.57'
 Landed @ 5732.57' KB
 Cemented w/160 sacks Thifty-Lite &
 tail w/270 sacks 50-50 POZ.
 Cement top @ 2075' per CBL.
 Hole size 7-7/8".

TUBING RECORD

2-7/8", 6.5#, J-55
 146 jts @ 4559.04'
 TA @ 2-7/8" x 5-1/2" x 2.35'
 S.N. @ 2-7/8" x 1.10" (2.25" ID)
 Perf Sub @ 2-7/8" x 3.20'
 Total string length @ 5131.69'
 SN landed @ 5098.17'

ROD STRING

1 - 1-1/4" x 22' Polish Rod SM
 1 - 3/4" x 4' Pony
 2 - 3/4" x 8' Ponies
 202 - 3/4" x 25' Plain Rods D-61

Pump size @ 2-1/2"x1-1/2"x16' RWAC
 w/PA plunger.

Stroke length @ 98", 4 SPM.

256' KB --->

TOC @ 2075' --->

ACID / BREAKDOWN JOB

5057'-5068' KB - 4-5-94 by Western w/500 gals
 15% HCL acid. ISIP 1000 psi.
 4608'-4612' KB - 4-11-94 by Western w/500 gals
 15% HCL acid. ATP 3200 psi,
 max 5000 psi. ATR & max 4 BPM.
 ISIP 1400 psi.

FRAC JOB

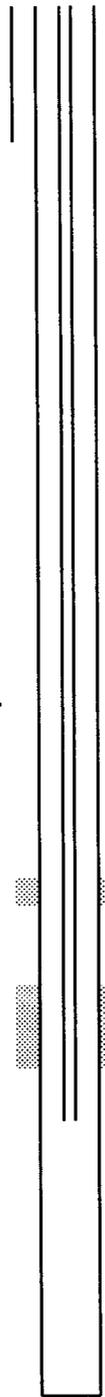
5057'-5068' KB - 4-6-94 BY Western & Protechnics
 w/16,000# 20/40 mesh sand &
 15,000# 16/30 mesh sand w/
 14,994 gals 2% KCL gelled wtr.
 ATP 3200 psi, max 3500 psi.
 ATR 24 BPM, max 25 BPM. ISIP
 2000 psi, 5 min 1950 psi, 10 min
 1700 psi, 15 min 1650 psi.
 4608'-4612' KB - 4-11-94 by Western & Protechnics
 w/12,100# 16/30 mesh sand w/
 8,852 gals 2% KCL gelled wtr.
 ATP 2900 psi, max 4600 psi.
 ATR 25.1 BPM, max 25.6 BPM.
 ISIP 1950 psi, 5 min 1580 psi,
 10 min 1520 psi, 15 min 1310 psi.

PERFORATION RECORD

4608'-4612' KB (4 SPF) RED 1
 5057'-5068' KB (4 SPF) GREEN 4

<- SN @ 5098.17' KB

PBTD @ 5688' KB
 TD @ 5750' KB



BALCRON OIL**WELL REPORT**

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WELL NAME: WALTON FEDERAL #2-14
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: NW NE Sec.14,T9S,R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 7/3/64
 INITIAL PRODUCTION: 50 STBOPD, 75 MCFPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 2 STBOPD, 7 MCFPD
 ELEVATIONS - GROUND: 5547
 TOTAL DEPTH: 5200' KB

DATE: 6-27-94/ks
 API NO.: 43-013-15793

NET REVENUE INT.: 0.825

SPUD DATE: 5/23/64
 RIG RELEASE DATE: 6/18/64
 OIL GRAVITY: 33 API
 BHT: Unknown
 KB: 5558' (11' KB)
 PLUG BACK TD: Unknown

SURFACE CASING

 STRING: 1
 SIZE: 9 5/8"
 GRADE: J-55
 WEIGHT: 32.2 lbs.
 LENGTH: 7 jts. @ 221'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 232' KB
 CEMENT DATA: 200 sx

PRODUCTION CASING

 STRING: 1
 SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5 lbs.
 LENGTH: 151 jts. @ 4846'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 4857' KB
 CEMENT DATA: 325 cft. 10% salt
 saturated cement
 CEMENT TOP AT: Unknown

TUBING RECORD

 SIZE/GRADE/WT.: 2 7/8", J-55, 6.4 lbs.
 NO. OF JOINTS: 151 jts. @ 4706'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 7/8" x 1.1'
 PERF. SUB: 2 7/8" x 3'
 MUD ANCHOR: 2 7/8" x 30'
 TOTAL STRING LENGTH: 4751' KB
 SN LANDED AT: 4739' KB

PERFORATION RECORD

 4554' (1') (5 SPF) RED1
 4560' (1') (5 SPF) RED1
 4724' (1') (5 SPF) RED5
 4735' (1') (5 SPF) RED5

PROPOSED PERFORATIONS (4/94)

 5063'-5068' (5') (2 SPF) GREEN4

SUCKER ROD RECORD

 1 - 1 1/4" x 22' Polished Rod
 189 - 3/4" x 25' Plain Rods

ACID JOBS

 4554'-4560' KB 250 gal 15% Mud Acid.
 4724'-4735' KB 250 gal Mud Acid.

PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114 (Serviced 10-16-92)

FRAC JOBS

 4554'-4560' KB 6-23-64 w/ 13700 gal oil w/12600 lbs
 20-40 mesh sand & 8000 gal crude w/
 4000 lbs 8-12 mesh glass beads & 125
 Bbl oil @ 25 BPM @ 4200 psi.
 4724'-4735' KB 6-20-64 w/ 12600 gal Ashley Valley
 crude w/11500 lbs 20-40 mesh sand &
 8000 gal crude w/ 4000 lbs 8-12 mesh
 glass beads & 125 Bbl oil @ 25 BPM @
 4350 psi.

LOGS: Correlation Log, Cement Bond Log

WALTON FEDERAL #2-14
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 NW NE Sec. 14,T9S,R16E
 Duchesne Co., Utah

BALCRON OIL
 6-27-94/ks

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Wellbore Diagram

Elev GL @ 5547'
 Elev KB @ 5558' (11' KB)

SURFACE CASING

9 5/8", 32.2#, J-55
 7 jts. @ 221'
 Landed @ 232' KB
 Cemented w/ 200 sx

PRODUCTION CASING

5 1/2", 15.5#, J-55
 151 jts. @ 4846'
 Landed @ 4857' KB
 Cemented w/325 cuft. 10% salt
 saturated cement.
 TOC Unknown

TUBING RECORD

2 7/8", 6.4#, J-55
 151 jts. @ 4706'
 SN - 2 7/8" x 1.1'
 Perf. Sub - 2 7/8" x 3'
 Mud Anchor - 2 7/8" x 30'
 Total String Length - 4751' KB
 SN Landed At 4739' KB

SUCKER ROD RECORD

1 - 1 1/4" x 22' Polished Rod
 189 - 3/4" x 25' Plain Rods

PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114 (Serviced 10-16-92)

232' KB -->

ACID JOBS

4554'-4560' KB 250 gal 15% Mud Acid.
 4724'-4735' KB 250 gal Mud Acid.

FRAC JOBS

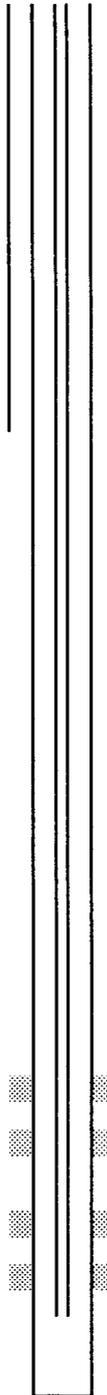
4554'-4560' KB 6-23-64 w/ 13700 gal oil w/12600 lbs
 20-40 mesh sand & 8000 gal crude w/
 4000 lbs 8-12 mesh glass beads & 125
 Bbl oil @ 25 BPM @ 4200 psi.
 4724'-4735' KB 6-20-64 w/ 12600 gal Ashley Valley
 crude w/11500 lbs 20-40 mesh sand &
 8000 gal crude w/ 4000 lbs 8-12 mesh
 glass beads & 125 Bbl oil @ 25 BPM @
 4350 psi.

PERFORATION RECORD

| | | |
|------------|---------|------|
| 4554' (1') | (5 SPF) | RED1 |
| 4560' (1') | (5 SPF) | RED1 |
| 4724' (1') | (5 SPF) | RED5 |
| 4735' (1') | (5 SPF) | RED5 |

PROPOSED PERFORATIONS (4/94)

| | | |
|------------------|---------|--------|
| 5063'-5068' (5') | (2 SPF) | GREEN4 |
|------------------|---------|--------|



<--SN Landed @ 4739' KB

TD @ 5200' KB

WELL NAME: BALCRON MONUMENT FEDERAL #41-14J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096550
 LOCATION: NE NE Section 14, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 1-7-94
 INITIAL PRODUCTION: 20 STBOPD, 60 MSCFPD, 10 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5529'
 TOTAL DEPTH: 5692' KB

DATE: 6-23-94 /ks
 API NO.: 43-013-31408

NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 12-1-93
 RIG RELEASE DATE: 12-18-93
 OIL GRAVITY: 34 API
 BHT: 174 Deg.F
 KB: 5539' (10' KB)
 PLUG BACK TD: 5600.01' KB

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 6 jnts @ 271.04'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 279' KB
 CEMENT DATA: 150 sxs Class "G" + 2% CCL,
 1/4#/sx Celoflake

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5 #
 NO. OF JOINTS: 165 jnts. @ 5081'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2-7/8" x 1.15' (2.25" ID)
 PERF. SUB: 2-7/8" x 4.1'
 MUD ANCHOR: 2-7/8" x 29.48' w/NC
 TOTAL STRING LENGTH: 5125.73' KB
 SN LANDED AT: 5092.15' KB

SUCKER ROD RECORD

1 - 1-1/4" x 22' Polish Rod
 1 - 3/4" x 4' Pony
 1 - 3/4" x 8' Pony
 202 - 3/4" x 25' Plain Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
 w/PA Plunger (Trico #1028)
 STROKE LENGTH: 86"
 PUMP SPEED: 4 SPM
 PUMPING UNIT SIZE:

LOGS: Dual Laterolog; Spectral Density Dual
 Spaced Neutron Log; Cement Bond & Gamma-Ray
 & Collar Log; Mud Log.

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 #
 LENGTH: 131 jnts @ 5637.81'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5646.81' KB
 CEMENT DATA: 225 sxs Hilift tailed w/261
 sxs Class "G" w/ additives.
 CEMENT TOP AT: 1355' (Calculated)

PERFORATION RECORD

4724'-4730' (6) (2 SPF) RED 5
 4732'-4737' (5) (2 SPF) RED 5
 5043'-5052' (9) (2 SPF) GREEN 4

ACID JOB

5043'-5052' KB - 12-22-93 by Western w/500
 gals 15% HCL & 1764 gals
 2% KCL wtr. ATP 1550 psi,
 max 1600 psi. ATR 4 BPM,
 max 4 BPM. ISIP 1000 psi.

4724'-4737' KB - 12-28-93 by Western w/500
 gals 15% HCL & 2100 gals
 2% KCL wtr. ATP 2800 psi,
 max 3950 psi. ATR 4 BPM,
 max 4 BPM. ISIP 1400 psi.

FRAC JOB

5043'-5052' KB - 12-23-93 by Western w/12,500#
 20/40 mesh sand & 6,500# 16/30
 mesh sand in 500 gals 15% HCL &
 8144 gals 2% KCL wtr. (Screened
 out). ATP 2300 psi, max 3200 psi.
 ATR 19 BPM, max 20.1 BPM.
 ISIP 2800 psi, 5 min 500 psi,
 10 min 240 psi, 15 min 20 psi.

4724'-4737' KB - 12-28-93 by Western w/27,500#
 16/30 mesh sand w/500 gals 15%
 HCL & 14,860 gals 2% KCL wtr.
 ATP 2100 psi, max 2800 psi.
 ATR 19.5 BPM, max 20 BPM.
 ISIP 2100 psi, 5 min 1600 psi,
 10 min 1580 psi, 15 min 1560 psi.

Balcron Monument Federal #41-14J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 NE NE Section 14, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 6-23-94 /ks

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WELLBORE DIAGRAM

Elev.Gr @ 5529'
 Elev.KB @ 5539' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 271.04'
 Hole size @ 12-1/4"
 Depth landed @ 279' KB
 Cemented w/150 sxs Class "G" w/
 2% CCL, 1/4#/sx Celoflake.

279' KB -->

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5637.81'
 Hole size @ 7-7/8"
 Depth landed @ 5646.81' KB
 Cemented w/225 sxs Hilift tailed
 w/ 261 sxs Class "G".
 TOC @ 1355' (Calculated)

TOC @ 1355' -->

TUBING

2-7/8", 6.5 #, J-55
 165 jnts @ 5081'
 SN @ 2-7/8" x 1.15' (2.25" ID)
 Perf.Sub 2-7/8" x 4.1'
 MA @ 2-7/8" x 29.48' w/NC
 Total string length @ 5125.73'
 SN landed @ 5092.15' KB

ROD STRING

1 - 1-1/4" x 22' Polish Rod
 1 - 3/4" x 4' Pony
 1 - 3/4" x 8' Pony
 202 - 3/4" x 25' Plain Rods

Pump size @ 2-1/2" x 1-1/2" x 16' RWAC
 w/PA Plunger (Trico #1028)

Stroke length @ 86", 4 SPM

ACID JOBS

5043'-5052' KB - 12-22-93 by Western w/500 gals
 15% HCL & 1764 gals 2% KCL wtr.
 ATP 1550 psi, max 1600 psi.
 ATR 4 BPM, max 4 BPM.
 ISIP 1000 psi.

4724'-4737' KB - 12-22-93 by Western w/500 gal
 15% HCL & 2100 gals 2% KCL wtr.
 ATP 2800 psi, max 3950 psi.
 ATR 4 BPM, max 4 BPM.
 ISIP 1400 psi.

FRAC JOBS

5043'-5052' KB - 12-23-93 by Western w/12,500#
 20/40 mesh sand & 6,500# 16/30
 mesh sand in 500 gals 15% HCL &
 8144 gals 2% KCL wtr. (Screened
 out). ATP 2300 psi, max 3200 psi.
 ATR 19 BPM, max 20.1 BPM.
 ISIP 2800 psi, 5 min 500 psi,
 10 min 240 psi, 15 min 20 psi.

4724'-4737' KB - 12-28-93 by Western w/27,500#
 16/30 mesh sand w/500 gals 15%
 HCL & 14,860 gals 2% KCL wtr.
 ATP 2100 psi, max 2800 psi.
 Avg Rate 19.5 BPM, max 20 BPM.
 ISIP 2100 psi, 5 min 1600 psi,
 10 min 1580 psi, 15 min 1560 psi.

PERFORATION RECORD

| | | |
|------------------|---------|---------|
| 4724'-4730' (6') | (2 SPF) | RED 5 |
| 4732'-4737' (5') | (2 SPF) | RED 5 |
| 5043'-5052' (9') | (2 SPF) | GREEN 4 |

<- SN Landed @ 5092.15' KB

PBTD @ 5600.01' KB
 TD @ 5692' KB

WELL NAME: BALCRON MONUMENT FEDERAL #21-15J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: NE NW Section 15, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: Dry Hole
 INITIAL PRODUCTION: Dry Hole
 OIL/GAS PURCHASER: N/A
 PRESENT PROD STATUS: D & A
 ELEVATIONS - GROUND: 5737.2'
 TOTAL DEPTH: 5800' KB

DATE: 5-2-94/jr
 API NO.: 43-013-31422

NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 2-7-94

OIL GRAVITY: N/A
 BHT: N/A
 KB: 5747.2' (10' KB)
 PLUG BACK TD: Surface

SURFACE CASING

 STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 249.4'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 257' KB
 CEMENT DATA: 150 sxs Class "G" w/2%
 CaCl & 1/4#/sx Celloflake.

TUBING RECORD

 SIZE/GRADE/WT.: N/A
 NO. OF JOINTS:
 TUBING ANCHOR:
 NO. OF JOINTS:
 SEATING NIPPLE:
 PERF. SUB:
 MUD ANCHOR:
 TOTAL STRING LENGTH:
 SN LANDED AT:

SUCKER ROD RECORD

 N/A

PUMP SIZE: N/A
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

PRODUCTION CASING

 STRING: 1
 SIZE: N/A
 GRADE:
 WEIGHT:

PLUGGING PROCEDURE

 Plug #1: 5385' - 5185' KB
 Cemented w/96 sxs "G" w/2% CaCl
 & 1/4#/sx Celloseal.

Plug #2: 2926' - 2576' KB
 Cemented w/150 sxs "G" w/2% CaCl
 & 1/4#/sx Celloseal.

Plug #3: 1526' - 1426' KB
 Cemented w/68 sxs Class "G" w/1% CaCl
 & 1/4#/sx Celloseal.

Plug #4: 311' - 211' KB
 Cemented w/46 sxs Class "G" w/2% CaCl
 & 1/4#/sx Celloseal.

Plug #5: Surface to 50' KB
 Cemented w/41 sxs Class "G" Plus
 1/4#/sx Celloseal.

BALCRON MONUMENT FEDERAL #21-15J
Jonah Unit/Monument Butte Field
Lease No. U-017985
NE NW Section 15, T9S, R16E
Duchesne County, Utah

BALCRON OIL
6-30-94/ks

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WELLBORE DIAGRAM

Elev: GL @ 5737.2', KB @ 5747.2' (10' KB)

SURFACE CASING

8-5/8", J-55, 24 #
7 jnts @ 249.4'
Landed @ 257' KB
Cemented w/150 sxs Class "G" w/2%
CaCl & 1/4/sx Celloflake.
3 BBLS circulated back to pit.
Cemented to surface.
Hole size @ 12-1/4"

PLUGGING PROCEDURE

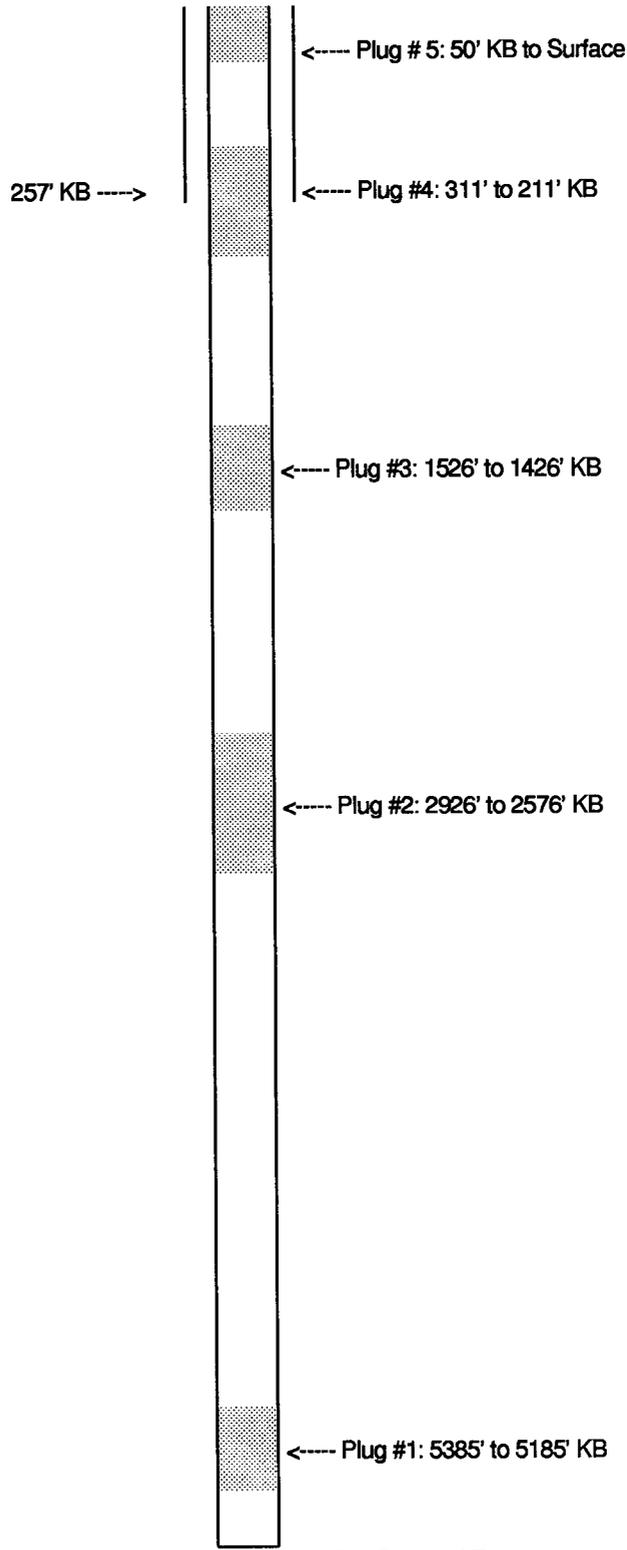
Plug #1: 5385' - 5185' KB
Cemented w/96 sxs "G" w/2% CaCl
& 1/4#/sx Celloseal.

Plug #2: 2926' - 2576' KB
Cemented w/150 sxs "G" w/2% CaCl
& 1/4#/sx Celloseal.

Plug #3: 1526' - 1426' KB
Cemented w/68 sxs Class "G" w/1% CaCl
& 1/4#/sx Celloseal.

Plug #4: 311' - 211' KB
Cemented w/46 sxs Class "G" w/2% CaCl
& 1/4#/sx Celloseal.

Plug #5: Surface to 50' KB
Cemented w/41 sxs Class "G" Plus
1/4#/sx Celloseal.



TD @ 5800' KB

WELL REPORT

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WELL NAME: CASTLE PEAK FEDERAL #31-15
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: NW NE Sec.15,T9S,R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 12/30/81
 INITIAL PRODUCTION: 80 STBOPD, 28 MCFPD, 10STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 4 STBOPD, 32 MCFPD
 ELEVATIONS - GROUND: 5743'
 TOTAL DEPTH: 5800' KB

DATE: 6-29-94/ks
 API NO.: 43-013-30613
 NET REVENUE INT.: 0.825
 SPUD DATE: 10/26/81
 RIG RELEASE DATE: 12/4/81
 OIL GRAVITY: 30 API
 BHT: 129 Deg.F
 KB: 5754' (11' KB)
 PLUG BACK TD: 5755' KB

SURFACE CASING

STRING: 1
 SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 #
 LENGTH: 6 jts @ 235.55'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 252' KB
 CEMENT DATA: 200 sx Class H W/ 2% CaCl & 1/4#/sx Flocele. Cemented to surface.

TUBING RECORD

SIZE/GRADE/WT.: 2 3/8", J-55, 4.6 lbs
 NO. OF JOINTS: 178 jts. @ 5518'
 TUBING ANCHOR: None
 NO. OF JOINTS NA
 SEATING NIPPLE: 2 3/8" x 1.1'
 PERF. SUB: 2 3/8" x 3'
 MUD ANCHOR: 2 3/8" x 30'
 TOTAL STRING LENGTH: 5563' KB
 SN LANDED AT: 5530' KB

SUCKER ROD RECORD

1 - 1 1/4" x 16' Polish Rod
 1 - 2" x 3/4" Pony
 1 - 6" x 3/4" Pony
 220 - 3/4" x 25' Rods

PUMP SIZE: 2" x 1 1/4" x 16' RHAC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Bethlehem 160 (serviced 10-6-92)
 Ajax Engine

LOGS: Cement Bond Log, Dual Induction-SFL,
 Schlumberger Cyberlook, Compensated
 Neutron-Formation Density, Borehole
 Compensated Sonic Log, Mud Log.

PRODUCTION CASING

STRING: 1
 SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.5 #
 LENGTH: 133 jts @ 5789'
 DEPTH LANDED: 5800' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: Two stage job thru DV tool @ 3392'.
 Stage 1: 415 sx Class H w/ 2% CaCl & 1/4#/sx Flocele. Stage 2: 330 sx
 Class H w/ 8% CaCl & 1/4#/sx Flocele
 CEMENT TOP AT: 960' from CBL

PERFORATION RECORD

| | | |
|-------------------|---------|--------|
| 4991'-4999' (8') | (1 SPF) | GREEN1 |
| 5111'-5134' (23') | (1 SPF) | GREEN3 |
| 5307'-5330' (23') | (2 SPF) | GREEN6 |
| 5551'-5592' (41') | (1 SPF) | BLUE1 |
| 5610'-5632' (22') | (1 SPF) | BLUE2 |

PROPOSED PERFORATIONS (4/94)

| | | |
|------------------|---------|------|
| 4839'-4842' (3') | (2 SPF) | RED5 |
| 4850'-4853' (3') | (2 SPF) | RED5 |

ACID JOBS

| | |
|----------------|--------------------------|
| 4991'-5134' KB | 2800 gal 15% WFC-1 Acid. |
| 5307'-5330' KB | 1950 gal 15% WFC-1 Acid. |
| 5551'-5632' KB | 3906 gal 15% WFC-1 Acid. |

FRAC JOBS

| | |
|----------------|---|
| 4991'-5134' KB | 12-22-81 w/Western. 31150 gal Polaris 30 w/25000# 20-40 sand & 36000# 10-20 sand. ATR 30 BPM @ 1900 psi, max 4450 psi. ISIP @ 1600 psi, 15 - 1000 psi, 20 - 900 psi. |
| 5307'-5330' KB | 12-20-81 w/Western. 15000 gal Polaris 30 w/18000# 20-40 sand & 27000# 10-20 sand. ATR 20 BPM @ 2000 psi, max 2400 psi. ISIP @ 2100 psi, 15 - 1800 psi, 30 - 1600 psi. |

CASTLE PEAK FEDERAL #31-15
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 NW NE Sec. 15,T9S,R16E
 Duchesne Co., Utah

BALCRON OIL
 6-29-94/ks

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Wellbore Diagram

Elev GL @ 5743'
 Elev KB @ 5754' (11' KB)

SURFACE CASING

8 5/8", 24#, K-55
 6 jts @ 235.55'
 Landed @ 252' KB
 Hole Size @ 12 1/4"
 Cemented w/ 200 sx Class H
 w/ 2% CaCl & 1/4#/sx
 Flocele. Cemented to
 surface.

252' KB --->

PRODUCTION CASING

5 1/2", 15.5#, K-55
 133 jts @ 5789'
 Landed @ 5800' KB
 Hole Size @ 7 7/8"
 Cemented via two stage job thru DV tool
 @ 3392'. Stage 1: 415 sx Class H w/
 2% CaCl & 1/4#/sx Flocele. Stage 2:
 330 sx Class H w/ 8% CaCl & 1/4#/sx
 Flocele.
 TOC @ 960' from CBL

TOC @ 960' --->

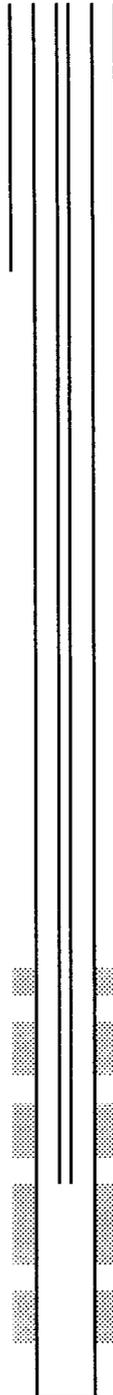
TUBING

2 3/8", 4.6#, J-55
 178 jts. @ 5518'
 SN - 2 3/8" x 1.1'
 Perf. Sub - 2 3/8" x 3'
 Mud Anchor - 2 3/8" x 30'
 Total String Length - 5563' KB
 SN Landed @ 5530' KB

SUCKER ROD RECORD

1 - 1 1/4" x 16' Polish Rod
 1 - 2' x 3/4" Pony
 1 - 6' x 3/4" Pony
 220 - 3/4" x 25' Rods

PUMP SIZE: 2" x 1 1/4" x 16' RHAC
 STROCK LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Bethlehem 160 (serviced 10-6-92)
 Ajax Engine



ACID JOBS

4991'-5134' KB 2800 gal 15% WFC-1 Acid.
 5307'-5330' KB 1950 gal 15% WFC-1 Acid.
 5551'-5632' KB 3906 gal 15% WFC-1 Acid.

FRAC JOBS

4991'-5134' KB 12-22-81 w/Western. 31150 gal Polaris 30
 w/25000# 20-40 sand & 36000# 10-20 sand.
 ATR 30 BPM @ 1900 psi, max 4450 psi. ISIP
 @ 1600 psi, 15 - 1000 psi, 20 - 900 psi.

5307'-5330' KB 12-20-81 w/Western. 15000 gal Polaris 30
 w/18000# 20-40 sand & 27000# 10-20 sand.
 ATR 20 BPM @ 2000 psi, max 2400 psi. ISIP
 @ 2100 psi, 15 - 1800 psi, 30 - 1600 psi.

5551'-5632' KB 12-19-81 w/Western. 42500 gal Polaris 30
 w/51000# 20-40 sand & 59500# 10-20 sand.
 ATR 35 BPM @ 1800 psi, max 2400 psi. ISIP
 @ 1600 psi, 15 - 1600 psi, 30 - 1600 psi.

PERFORATION RECORD

| | | |
|-------------------|---------|--------|
| 4991'-4999' (8') | (1 SPF) | GREEN1 |
| 5111'-5134' (23') | (1 SPF) | GREEN3 |
| 5307'-5330' (23') | (2 SPF) | GREEN6 |
| 5551'-5592' (41') | (1 SPF) | BLUE1 |
| 5610'-5632' (22') | (1 SPF) | BLUE2 |

PROPOSED PERFORATIONS (4/94)

| | | |
|------------------|---------|------|
| 4839'-4842' (3') | (2 SPF) | RED5 |
| 4850'-4853' (3') | (2 SPF) | RED5 |

<--- SN Landed @ 5530' KB

PBTD @ 5755' KB
 TD @ 5800' KB

WELL NAME: BALCRON MONUMENT FEDERAL #41-15J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: NE NE Section 15, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 11-9-93
 INITIAL PRODUCTION: 20 STBOPD, 60 MSCFPD, 20 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing oil well
 ELEVATIONS - GROUND: 5715'
 TOTAL DEPTH: 5716' KB

DATE: 6-24-94/KS

API NO.: 43-013-31367

NET REVENUE INT.: 0.73831617 Oil
0.66359285 Gas

SPUD DATE: 9-23-93

RIG RELEASE DATE: 10-8-93

OIL GRAVITY: 34 API

BHT: 151 Deg.F

KB: 5725 (10' KB)

PLUG BACK TD: 5657.48' KB

SURFACE CASING

STRING: 1

SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24 #

LENGTH: 6 jnts @ 270.26'

HOLE SIZE: 12-1/4"

DEPTH LANDED: 277' KB

CEMENT DATA: 150 sxs Class "G" w/2% CaCl &
1/4#/sx Flocele. Crnt to surface
w/ 4-5 BBls crnt returns.

TUBING RECORD

SIZE/GRADE/WT: 2-7/8", J-55, 6.5 #

NO. OF JOINTS: 179 jnts @ 5569.21'

TUBING ANCHOR: NA

NO. OF JOINTS: NA

SEATING NIPPLE: 2-7/8" x 1.1' (2.25" ID)

PERF. SUB: 2-7/8" x 3.2'

MUD ANCHOR: 2-7/8" x 31.7' w/NC

TOTAL STRING LENGTH: 5615.21'

SN LANDED AT: 5580.31' KB

PRODUCTION CASING

STRING: 1

SIZE: 5-1/2"

GRADE: K-55

WEIGHT: 15.5 #

LENGTH: 131 jnts @ 5691.06'

HOLE SIZE: 7-7/8"

DEPTH LANDED: 5703.06' KB

CEMENT DATA: 115 sxs Hilite "G" w/ 12%
D20, 1% D79, 1/4 sx D112,
5% D44, 2% D46, 1/4 sx
D29. Tail w/275 sx Class
"G" w/ 6% D60, 2% D136.

CEMENT TOP AT: 2845' from CBL

PERFORATION RECORD

| | | |
|-------------------|------------|---------|
| 4985'-4992' (7') | (2 SPF) | GREEN 1 |
| 5554'-5572' (18') | (10 Holes) | BLUE 1 |
| 5604'-5614' (10') | (6 Holes) | BLUE 2 |

SUCKER ROD RECORD

1 - 1-1/4" x 16' Polish Rod

2 - 3/4" x 8' Pony

222 - 3/4" x 25' Plain Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
w/PA Plunger

STROKE LENGTH: 87"

PUMP SPEED: 4 SPM

PUMPING UNIT SIZE:

ACID/BREAKDOWN JOBS

5554'-5572' KB - 10-14-94 by Dowell w/500
gals 15% HCL. ISIP 870 psi.5604'-5614' KB - 10-14-94 by Dowell w/500
gals 15% HCL. ISIP 1250 psi.4985'-4992' KB - 10-18-93 by Western w/2,058
gals 2% KCL. ATP 3800 psi,
max 4200 psi. ATR 3.8 BPM,
max 4 BPM. ISIP 1800 psi.

FRAC JOBS

5554'-5572' KB &
5604'-5614' KB - 10-16-93 by Dowell w/62,428#
16/30 mesh sand in 733 STB
fluid. ISIP 2775 psi, 5 min
1716 psi, 10 min 1515 psi,
15 min 1433 psi.4985'-4992' KB - 10-19-93 by Western w/18,140#
16/30 mesh sand in
5,357 gals 2% KCL gelled wtr.
ATP 2700 psi, max 3200 psi.
ATR 17 BPM, max 19.5 BPM.
ISIP 2900 psi, 5 min 1770 psi,
10 min 1520 psi, 15 min 1480 psi.LOGS: Mud Log, Cement Bond/Gamma-Ray/CCL Log;
Spectral Density Dual Spaced Neutron Log; Dual
Laterolog Microspherically Focused Log.

BALCRON MONUMENT FEDERAL #41-15J
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 NE NE Section 15, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 6-24-94/ks

WELLBORE DIAGRAM

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Elev.Gr @ 5715'
 Elev.KB @ 5725 (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 270.26'
 Hole size @ 12-1/4"
 Depth landed @ 277' KB
 Cemented w/ 150 sxs Class "G" w/ 2% CaCl
 & 1/4#/sx Flocele. Cmt to surface w/
 good returns. 4-5 BBLS cement back

277' KB-->

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5691.06'
 Hole size @ 7-7/8"
 Depth landed @ 5703.06' KB
 Cemented w/115 sxs Hilite "G" w/ 12% D20, 1%
 D79, 1/4 sx D112, 5% D44, 2% D46, 1/4 sx D29.
 Tail w/275 sx Class "G" w/ 6% D60, 2% D136.
 TOC @ 2845' from CBL

TOC @ 2845' -->

TUBING

2-7/8", 6.5#, J-55
 179 jnts @ 5569.21'
 SN @ 2-7/8" x 1.1' (2.25" ID)
 Perf.Sub @ 2-7/8" x 3.2'
 MA @ 2-7/8" x 31.7' w/NC
 Total String Length @ 5615.21' KB
 SN landed @ 5580.31' KB

SUCKER ROD RECORD

1 - 1 1/4" x 16' Polish Rod
 2 - 3/4" x 8' Pony
 222 - 3/4" x 25' Plain Rods

Pump size @ 2-1/2" x 1-1/2" x 16' RWAC
 w/PA Plunger
 Stroke length @ 87", 4 SPM

ACID/BREAKDOWN JOBS

5554'-5572' KB - 10-14-94 by Dowell w/500
 gals 15% HCL. ISIP 870 psi.
 5604'-5614' KB - 10-14-94 by Dowell w/500
 gals 15% HCL. ISIP 1250 psi.
 4985'-4992' KB - 10-18-93 by Western w/2,058
 gals 2% KCL. ATP 3800 psi,
 max 4200 psi. ATR 3.8 BPM,
 max 4 BPM. ISIP 1800 psi.

FRAC JOBS

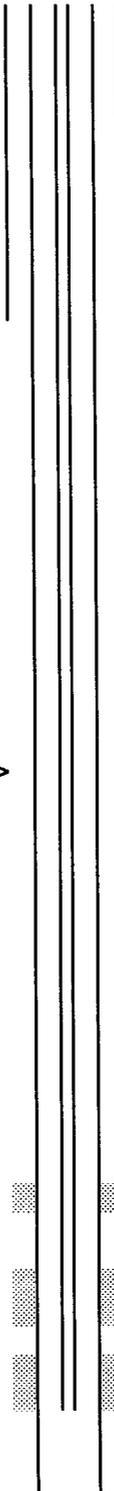
5554'-5572' KB & 10-16-93 by Dowell w/62,428#
 5604'-5614' KB - 16/30 mesh sand in 733 STB
 fluid. ISIP 2775 psi, 5 min
 1716 psi, 10 min 1515 psi,
 15 min 1433 psi.
 4985'-4992' KB - 10-19-93 by Western w/18,140#
 16/30 mesh sand in
 5,357 gals 2% KCL gelled wtr.
 ATP 2700 psi, max 3200 psi.
 ATR 17 BPM, max 19.5 BPM.
 ISIP 2900 psi, 5 min 1770 psi,
 10 min 1520 psi, 15 min 1480 psi.

PERFORATION RECORD

| | | |
|-------------------|------------|---------|
| 4985'-4992' (7') | (2 SPF) | GREEN 1 |
| 5554'-5572' (18') | (10 Holes) | BLUE 1 |
| 5604'-5614' (10') | (6 Holes) | BLUE 2 |

<- SN @ 5580.31' KB

PBTD @ 5657.48' KB
 TD @ 5716' KB



WELL NAME: CASTLE PEAK FEDERAL #22-15
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: SE NW Sec.15,T9S,R16E
 COUNTY/STATE: Duchesne County,Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 4/8/82
 INITIAL PRODUCTION: 175 STBOPD, 53 MCFPD, 172 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 38 STBOPD, 5 MCFPD
 ELEVATIONS - GROUND: 5722'
 TOTAL DEPTH: 5710' KB

DATE: 6-29-94/ks
 API NO.: 43-013-30634

NET REVENUE INT.: 0.825
 SPUD DATE: 2/5/82
 RIG RELEASE DATE: 3/13/82
 OIL GRAVITY: 30.0 API
 BHT: 125 Deg.F
 KB: 5735' (13' KB)
 PLUG BACK TD: 5636' KB

SURFACE CASING

STRING: 1
 SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs.
 LENGTH: 7 jts @ 278.53'
 DEPTH LANDED: 291' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 225 sx Class H w/ 2% CaCl &
 1/4#/sx Flocele. Cemented
 to surface.

PRODUCTION CASING

STRING: 1
 SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs.
 LENGTH: 146 jts @ 5699.31'
 DEPTH LANDED: 5712' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 400 sx lite w/1/4#/sx Flocele, 200 sx
 "H", & 200 sx 50-50 Poz w/ additives.
 CEMENT TOP AT: 1710' KB from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", N-80, 6.5#
 NO. OF JOINTS: Unknown
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 7/8" x 1.1'
 PERF. SUB: 2 7/8" x 3'
 MUD ANCHOR: 2 7/8" x 16'
 TOTAL STRING LENGTH: NA
 SN LANDED AT: NA

PERFORATION RECORD

| | | |
|-------------------|---------|--------|
| 4712'-4728' (16') | (2 SPF) | REDS |
| 4865'-4870' (5') | (2 SPF) | GREEN1 |
| 4878'-4894' (5') | (2 SPF) | GREEN1 |
| 5200'-5212' (12') | (2 SPF) | GREEN6 |
| 5470'-5484' (14') | (2 SPF) | BLUE1 |

ACID JOBS

| | |
|----------------|-----------------------------------|
| 4712'-4728' KB | 1000 gal 15% HCl w/ ball sealers. |
| 4865'-4894' KB | 2000 gal 15% HCl Acid. |
| 5200'-5212' KB | 1000 gal 15% HCl Acid. |
| 5470'-5484' KB | 1000 gal 15% HCl Acid. |

SUCKER ROD RECORD

1 - 1 1/4" x 16' Polish Rod
 2 - 6' x 3/4" Pony
 213 - 3/4" x 25' Rods

PUMP SIZE: 2 1/2" x 1 1/4" x 20' RHBC

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Otek 320 (serviced 10-6-92)

LOGS: Cement Bond Log, Dual Induction-SFL,
 Schlumberger Cyberlook, Compensated Neutron-
 Formation Density, Mud Log.

FRAC JOBS

| | |
|----------------|---|
| 4712'-4728' KB | 3/27/82: w/Halliburton. 39500 gal Ver 1400 w/62500# 20-40 sand & 10000# 10-20 sand. ATR 15 BPM @ 1960 psi, max 2250 psi. ISIP @ 2100 psi, 15 - 1780 psi, 20 - 1750 psi. |
| 4865'-4894' KB | 3/25/82: w/Halliburton. 38000 gal Ver 1400 w/52500# 20-40 sand & 12000# 10-20 sand. No ball sealers. ATR 21 BPM @ 1700 psi, max @ 2360 psi. ISIP @ 1770 psi, 15 - 1620 psi, 20 - 1600 psi. |
| 5200'-5212' KB | 3/23/82: w/Halliburton. 27500 gal Ver 1400 w/30000# 20-40 sand & 10000# 10-20 sand. No ball sealers. ATR 16 BPM @ 2350 psi, max @ 3000 psi. ISIP @ 2370 psi, 15 - 2200 psi, 20 - 2180 psi. |
| 5470'-5484' KB | 3/21/82: w/Halliburton. 30000 gal Ver 1400 w/40000# 20-40 sand & 10000# 10-20 sand. 35 ball sealers pumped, good ballout. ATR 16 BPM @ 1550 psi, max @ 1900 psi. ISIP @ 1690 psi, 15 - 1530 psi, 20 - 1510 psi. |

CASTLE PEAK FEDERAL #22-15
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 SE NW Sec. 15, T9S, R16E
 Duchesne Co., Utah

BALCRON OIL
 6-29-94/ks

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Wellbore Diagram

Elev GL @ 5722'
 Elev KB @ 5735' (13' KB)

SURFACE CASING

8 5/8", 24#, K-55
 7 jts @ 278.53'
 Landed @ 291' KB
 Hole Size @ 12 1/4"
 225 sx Class H w/ 2% CaCl &
 1/4#/sx Flocele. Cemented
 to surface.

291' KB --->

PRODUCTION CASING

5 1/2", 15.5#, K-55
 146 jts @ 5699.31'
 Landed @ 5712' KB
 Hole Size @ 7 7/8"
 Cemented w/400 sx lite w/1/4#/sx
 Flocele, 200 sx "H", & 200 sx
 50-50 Poz w/ additives.
 Cement Top @ 1700' KB from CBL

TOC @ 1700' --->

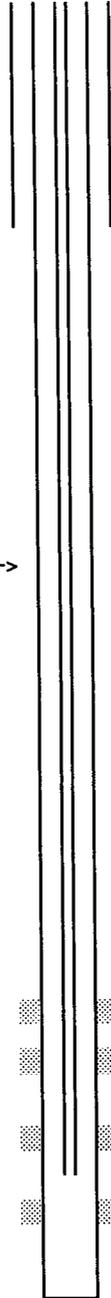
TUBING

2 7/8", 6.5#, N-80
 ? jts.
 S.N. - 2 7/8" x 1.1'
 Perf. Sub - 2 7/8" x 3'
 Mud Anchor - 2 7/8" x 16'
 Total String Length - NA
 SN Landed @ NA

SUCKER ROD RECORD

1 - 1 1/4" x 16' Polish Rod
 2 - 6' x 3/4" Pony
 213 - 3/4" x 25' Rods

PUMP SIZE: 2 1/2" x 1 1/4" x 20' RHBC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Otek 320 (serviced 10-6-92)



ACID JOBS

4712'-4728' KB 1000 gal 15% HCl w/ ball sealers.
 4865'-4894' KB 2000 gal 15% HCl Acid.
 5200'-5212' KB 1000 gal 15% HCl Acid.
 5470'-5484' KB 1000 gal 15% HCl Acid.

FRAC JOBS

4712'-4728' KB 3/27/82: w/Halliburton. 39500 gal Ver 1400
 w/62500# 20-40 sand & 10000# 10-20 sand.
 ATR 15 BPM @ 1960 psi, max 2250 psi. ISIP @
 2100 psi, 15 - 1780 psi, 20 - 1750 psi.

4865'-4894' KB 3/25/82: w/Halliburton. 38000 gal Ver 1400
 w/52500# 20-40 sand & 12000# 10-20 sand.
 No ball sealers. ATR 21 BPM @ 1700 psi,
 max @ 2360 psi. ISIP @ 1770 psi, 15 - 1620
 psi, 20 - 1600 psi.

5200'-5212' KB 3/23/82: w/Halliburton. 27500 gal Ver 1400
 w/30000# 20-40 sand & 10000# 10-20 sand.
 No ball sealers. ATR 16 BPM @ 2350 psi,
 max @ 3000 psi. ISIP @ 2370 psi, 15 - 2200
 psi, 20 - 2180 psi.

5470'-5484' KB 3/21/82: w/Halliburton. 30000 gal Ver 1400
 w/40000# 20-40 sand & 10000# 10-20 sand.
 35 ball sealers pumped, good ballout. ATR
 16 BPM @ 1550 psi, max @ 1900 psi. ISIP @
 1690 psi, 15 - 1530 psi, 20 - 1510 psi.

PERFORATION RECORD

| | | |
|-------------------|---------|--------|
| 4712'-4728' (16') | (2 SPF) | RED5 |
| 4865'-4870' (5') | (2 SPF) | GREEN1 |
| 4878'-4894' (5') | (2 SPF) | GREEN1 |
| 5200'-5212' (12') | (2 SPF) | GREEN6 |
| 5470'-5484' (14') | (2 SPF) | BLUE1 |

PBTB @ 5636' KB
 TD @ 5710' KB

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WELL NAME: BALCRON MONUMENT FEDERAL #32-15J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: SW NE Section 15, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 11-20-93
 INITIAL PRODUCTION: 20 STBOPD, 120 MSCFPD, 0 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5681'
 TOTAL DEPTH: 5610' KB

DATE: 6-24-94/ks
 API NO.: 43-013-31368
 NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 10-2-93
 RIG RELEASE DATE: 10-20-93
 OIL GRAVITY: 34 API
 BHT: 130 Deg.F
 KB: 5691' (10' KB)
 PLUG BACK TD: 5556' KB

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 6 jrnts @ 268.89'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 276.69' KB
 CEMENT DATA: 150 sxs Class "G" w/2% CaCl
 & 1/4#/sx Celloseal

TUBING RECORD

SIZE/GRADE/WT: 2-7/8", J-55, 6.5 #
 NO. OF JOINTS: 150 jrnts @ 4652'
 TUBING ANCHOR: 2-7/8" x 5-1/2" x 2.35'
 NO. OF JOINTS: 4 jrnts 2-7/8" x 123.7'
 SEATING NIPPLE: 2-7/8" x 1.1' (2.25" ID)
 PERF. SUB: 2-7/8" x 3.2'
 MUD ANCHOR: 2-7/8" x 31.95' w/NC
 TOTAL STRING LENGTH: 4824.3' KB
 SN LANDED AT: 4789.15' KB

SUCKER ROD RECORD

1 - 1-1/4" x 16' Polish Rod
 190 - 3/4" x 25' Plain Rods

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC
 w/PA Plunger
 STROKE LENGTH: 72"
 PUMP SPEED: 3 BPM
 PUMPING UNIT SIZE:

LOGS: Mud Log; Cement Bond/Gamma-Ray/CCL Log;
 Dual Laterolog Micro-SFL-GR, Litho-Density/
 Compensated Neutron Gamma Ray, Repeat Formation
 Tester Gamma Ray, FracView Log, Fullbore
 Formation Microimager (FMI) Log

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 #
 LENGTH: 129 jrnts @ 5608.14'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5612.14' KB
 CEMENT DATA: 113 sxs Hlift & tail
 w/249 sxs Class "G" w/
 additives
 CEMENT TOP AT: 3100' from CBL

PERFORATION RECORD

4718'-20' (2') (2 SPF) RED 5
 4726'-31' (5') (2 SPF) RED 5
 4733'-36' (3') (2 SPF) RED 5
 * 5454'-56' (2') (4 SPF) BLUE 1
 * 5496'-98' (2') (4 SPF) BLUE 2
 * **NOTE: BLUE1 & BLUE2 zones would not breakdown.**

ACID/BREAKDOWN JOBS

5496'-5498' KB - 10-26-93: Western w/2% KCl water.
 Unable to break down perms after
 reperforating.
 5454'-5456' KB - 10-27-93: Western w/250 gals
 15% HCL. (Unable to break down
 perms).
 4718'-4736' KB - 10-28-93: Western w/80 bbis
 2% KCL wtr. ATP 2700 psi,
 max 3300 psi. ATR 4 BPM,
 max 6.4 BPM. ISIP 1200 psi.

FRAC JOB

4718'-4736' KB - 10-28-93: Western w/28,000#
 20/40 mesh sand w/14,070
 gals 2% KCL gelled wtr.
 ATP 2100 psi, max 2450 psi.
 ATR 20 BPM, max 22 BPM.
 ISIP 1800 psi, 5 min 1540 psi,
 10 min 1470 psi, 15 min 1440 psi.

CORE INFORMATION

Core #1: 4870'-4899' KB / Cut 29.3' Rec'd 29.3'
 Core #2: 5430'-5455' KB / Cut 25', Rec'd 21'
 Core #3: 5455'-5468' KB / Cut 13', Rec'd 13'
 Core #4: 5468'-5489' KB / Cut 21', Rec'd 14'
 Core #5: 5489'-5505' KB / Cut 16', Rec'd 15'
 Core #6: 5505'-5520' KB / Cut 15', Rec'd 11.2'

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WELLBORE DIAGRAM

Elev.Gr @ 5681'
 Elev.KB @ 5691' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 268.89'
 Hole size @ 12-1/4"
 Depth landed 276.69' KB
 Cemented w/150 sxs Class "G", 2%
 CaCl & 1/4#/sx Celloseal
 5 BBLs cement to pit.

276.69' KB -->

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5608.14'
 Hole size @ 7-7/8"
 Depth landed @ 5612.14' KB
 Cemented w/113 sxs Hilift & tail
 w/249 sxs Class "G" w/additives
 TOC @ 3100' from CBL

TOC @ 3100' -->

TUBING

2-7/8", 6.5#, J-55
 150 jnts @ 4652'
 TA @ 2-7/8" x 5-1/2" x 2.35'
 4 jnts @ 2-7/8" x 123.7'
 2-7/8" x 1.1' (2.25" ID)
 Perf.Sub @ 2-7/8" x 3.2'
 MA @ 2-7/8" x 31.95' w/NC
 Total string length @ 4824.3' KB
 SN landed @ 4789.15' KB

SN @ 4789.15' -->

SUCKER ROD RECORD

1 - 1-1/4" x 16' Polish Rod
 190 - 3/4" x 25' Plain Rods

Pump size @ 2-1/2" x 1-1/2" x 16' RWAC
 w/PA plunger

Stroke length @ 72", 3 SPM

ACID/BREAKDOWN JOBS

5496'-5498' KB - 10-26-93: Western w/2% KCl water.
 Unable to break down perms after
 reperforating.

5454'-5456' KB - 10-27-93: Western w/250 gals
 15% HCL. (Unable to break down
 perms).

4718'-4736' KB - 10-28-93: Western w/80 bbls
 2% KCL wtr. ATP 2700 psi,
 max 3300 psi. ATR 4 BPM,
 max 6.4 BPM. ISIP 1200 psi.

FRAC JOB

4718'-4736' KB - 10-28-93: Western w/28,000#
 20/40 mesh sand w/14,070
 gals 2% KCL gelled wtr.
 ATP 2100 psi, max 2450 psi.
 ATR 20 BPM, max 22 BPM.
 ISIP 1800 psi, 5 min 1540 psi,
 10 min 1470 psi, 15 min 1440 psi.

CORE INFORMATION

Core #1: 4870'-4899' KB / Cut 29.3' Rec'd 29.3'
 Core #2: 5430'-5455' KB / Cut 25', Rec'd 21'
 Core #3: 5455'-5468' KB / Cut 13', Rec'd 13'
 Core #4: 5468'-5489' KB / Cut 21', Rec'd 14'
 Core #5: 5489'-5505' KB / Cut 16', Rec'd 15'
 Core #6: 5505'-5520' KB / Cut 15', Rec'd 11.2'

PERFORATION RECORD

| | | |
|---------------|---------|--------|
| 4718'-20' (2) | (2 SPF) | RED 5 |
| 4726'-31' (5) | (2 SPF) | RED 5 |
| 4733'-36' (3) | (2 SPF) | RED 5 |
| 5454'-56' (2) | (4 SPF) | BLUE 1 |
| 5496'-98' (2) | (4 SPF) | |

PBTD @ 5556' KB
 TD @ 5610' KB

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WELL NAME: CASTLE PEAK FEDERAL #42-15
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: SE NE Sec.15,T9S,R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 4/30/82
 INITIAL PRODUCTION: 89 STBOPD, 25 MCFPD, 25 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 3 STBOPD, 21 MCFPD
 ELEVATIONS - GROUND: 5657'
 TOTAL DEPTH: 5921' KB

DATE: 6-30-94/ks
 API NO.: 43-013-30633

NET REVENUE INT.: 0.825
 SPUD DATE: 3/6/82
 RIG RELEASE DATE: 3/29/82
 OIL GRAVITY: 30 API
 BHT: 121 Deg.F
 KB: 5670'(13' KB)
 PLUG BACK TD: 5882' KB

SURFACE CASING

STRING: 1
 SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs.
 LENGTH: 7 jts @ 273.65'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 285' KB
 CEMENT DATA: 220 sx Class H w/ 2% CaCl & 1/4#/sx Flocele. Cemented to surface.

PRODUCTION CASING

STRING: 1
 SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs.
 LENGTH: 155 jts @ 5921.92'
 DEPTH LANDED: 5920' KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 500 sx Class G w/3% CaCl & 5#/sx D42 & 675 sx 10.0 RFC w/5#/sx D42
 CEMENT TOP AT: 655' from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5 lbs
 NO. OF JOINTS: 184 jts. @ 5749.4'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 7/8" x 1.1'
 PERF. SUB: 2 7/8" x 3'
 MUD ANCHOR: 2 7/8" x 31.03'
 PINNED COLLAR: 2 7/8"
 TOTAL STRING LENGTH: 5797.53' KB
 SN LANDED AT: 5763.4' KB

PERFORATION RECORD

| | | |
|-------------------|---------|-------|
| 4712'-4750' (38') | (2 SPF) | RED5 |
| 5451'-5468' (17') | (2 SPF) | BLUE1 |
| 5622'-5640' (18') | (2 SPF) | BLUE3 |
| 5732'-5786' (54') | (1 SPF) | BLUE4 |

ACID JOBS

| | |
|----------------|------------------|
| 4712'-4750' KB | 2200 gal 15% HCl |
| 5451'-5468' KB | 1700 gal 15% HCl |
| 5622'-5640' KB | 1800 gal 15% HCl |
| 5732'-5786' KB | 2700 gal 15% HCl |

SUCKER ROD RECORD

1 - 1 1/4" X 16' SM Polish Rod
 1 - 3/4" x 2' Pony
 1 - 3/4" x 8' Pony
 175 - 3/4" x 25' Plain Rods
 48 - 3/4" x 25' Rods w/2-1/2" Guides
 6 - 1" x 25' Rods EL w/2-1/2" Riton Guides

FRAC JOBS

| | |
|----------------|---|
| 4712'-4750' KB | 4-17-82: w/Western. 55000 gal Apollo 30 w/80000# 20-40 sand & 20000# 10-20 sand. ATR 30 BPM @ 1950 psi, max 2000 psi. ISIP @ 1800 psi, 15 - 1625 psi, 20 - 1560 psi. |
| 5451'-5468' KB | 4-15-82: w/Western. 18000 gal Apollo 30 w/11000# 20-40 sand & 12000# 10-20 sand. ATR 25 BPM @ 1900 psi, max 4000 psi. ISIP @ 1600 psi, 15 - 1460 psi, 20 - 1400 psi. |
| 5622'-5640' KB | 4-13-82: w/Western. 37000 gal Apollo 30 w/40000# 20-40 sand & 20000# 10-20 sand. ATR 26 BPM @ 2100 psi, max 3000 psi. ISIP @ 2200 psi, 15 - 1400 psi, 20 - 1300 psi. |
| 5732'-5786' KB | 4-7-82: w/Western. 55000 gal Apollo 30 w/75000# 20-40 & sand & 20000# 10-20 sand. ATR 30 BPM @ 1800 psi, max 2000 psi. ISIP @ 1600 psi, 15 - 1400 psi, 30 - 1400 psi. |

PUMP SIZE: 2 1/2" x 1 1/4" x 15' RWAC
 W/ SM plunger

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Otek 320 (serviced 10-6-92)
 S/N 7-81-P678
 Ajax EA-30 engine, S/N 79363

LOGS: Dual Induction-SFL, Schlumberger Cyberlook,
 Cement Bond Log w/Gamma Ray, Compensated
 Neutron-Formation Density, Mud Log.

CASTLE PEAK FEDERAL #42-15
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 SE NE Sec. 15, T9S, R16E
 Duchesne Co., Utah

BALCRON OIL
 6-30-94/ks

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Wellbore Diagram

Elev GL @ 5657'
 Elev KB @ 5670' (13' KB)

SURFACE CASING

8 5/8", 24#, K-55
 7 jts @ 273.65'
 Landed @ 285' KB
 Hole Size @ 12 1/4"
 Cemented w/ 220 sx Class H w/ 2%
 CaCl & 1/4#/sx Flocele. Cemented
 to surface w/good returns.

285' KB --->

PRODUCTION CASING

5 1/2", 15.5#, K-55
 155 jts @ 5921.92'
 Landed @ 5920' KB
 Hole Size @ 7 7/8"
 Cemented w/500 sx Class G w/3% CaCl &
 5#/sx D42 & 675 sx 10.0 RFC w/ 5#/sx
 D42.
 Cement Top @ 655' from CBL

TOC @ 655' --->

TUBING

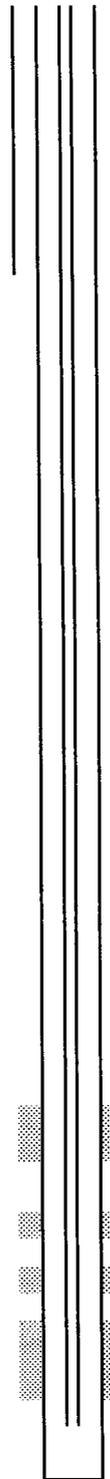
2 7/8", 6.5#, J-55
 184 jts @ 5749.4'
 SN - 2 7/8" x 1.1'
 Perf Sub - 2 7/8" x 3'
 Mud Anchor - 2 7/8" x 31.03'
 Pinned Collar - 2 7/8"
 Total String Length - 5797.53' KB
 SN Landed @ 5763.4' KB

SUCKER ROD RECORD

1 - 1 1/4" X 16' SM Polish Rod
 1 - 3/4" x 2' Pony
 1 - 3/4" x 8' Pony
 175 - 3/4" x 25' Plain Rods
 48 - 3/4" x 25' Rods w/2-1/2" Guides
 6 - 1" x 25' Rods EL w/2-1/2" Riton Guides

PUMP SIZE: 2 1/2" x 1 1/4" x 15' RWAC
 W/ SM plunger

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Otek 320 (serviced 10-6-92)
 S/N 7-81-P678



ACID JOBS

4712'-4750' KB 2200 gal 15% HCl
 5451'-5468' KB 1700 gal 15% HCl
 5622'-5640' KB 1800 gal 15% HCl
 5732'-5786' KB 2700 gal 15% HCl

FRAC JOBS

4712'-4750' KB 4-17-82: w/Western. 55000 gal Apollo 30
 w/80000# 20-40 sand & 20000# 10-20 sand.
 ATR 30 BPM @ 1950 psi, max 2000 psi. ISIP
 @ 1800 psi, 15 - 1625 psi, 20 - 1560 psi.

5451'-5468' KB 4-15-82: w/Western. 18000 gal Apollo 30
 w/11000# 20-40 sand & 12000# 10-20 sand.
 ATR 25 BPM @ 1900 psi, max 4000 psi. ISIP
 @ 1600 psi, 15 - 1460 psi, 20 - 1400 psi.

5622'-5640' KB 4-13-82: w/Western. 37000 gal Apollo 30
 w/40000# 20-40 sand & 20000# 10-20 sand.
 ATR 26 BPM @ 2100 psi, max 3000 psi. ISIP
 @ 2200 psi, 15 - 1400 psi, 20 - 1300 psi.

5732'-5786' KB 4-7-82: w/Western. 55000 gal Apollo 30
 w/75000# 20-40 & sand & 20000# 10-20 sand.
 ATR 30 BPM @ 1800 psi, max 2000 psi. ISIP
 @ 1600 psi, 15 - 1400 psi, 30 - 1400 psi.
 1400psig, 30 min @ 1400psig.

PERFORATION RECORD

| | | |
|-------------------|---------|-------|
| 4712'-4750' (38') | (2 SPF) | RED5 |
| 5451'-5468' (17') | (2 SPF) | BLUE1 |
| 5622'-5640' (18') | (2 SPF) | BLUE3 |
| 5732'-5786' (54') | (1 SPF) | BLUE4 |

← SN Landed @ 5763.4' KB

PBTB @ 5882' KB
 TD @ 5921' KB

BALCRON OIL**WELL REPORT**

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WELL NAME: BALCRON MONUMENT FEDERAL #23-15J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: NE SW Section 15, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 11-30-93
 INITIAL PRODUCTION: 40 STBOPD, 200 MSCFPD, 56 STBWPD
 OIL/GAS PURCHASER: Amoco
 PRESENT PROD STATUS: Producing Oil Well
 ELEVATIONS - GROUND: 5828'
 TOTAL DEPTH: 5700' KB

DATE: 6-24-94/ks

API NO.: 43-013-31373

NET REVENUE INT.: Oil: 0.73831617
 Gas: 0.66359285
 SPUD DATE: 10-6-93
 RIG RELEASE DATE: 10-29-93
 OIL GRAVITY: 34 API
 BHT: 135 Deg. F
 KB: 5838' (10' KB)
 PLUG BACK TD: 5625' KB

SURFACE CASING

STRING: 1
 CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 6 jnts @ 270.52'
 DEPTH LANDED: 278.52' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Class "G" w/3% CCL
 & 1/4#/sx Celloseal.
 Cemented to surface w/
 good returns.

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 #
 LENGTH: 5666.71'
 DEPTH LANDED: 5675.71' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 100 sxs Hifill & tail
 w/250 sxs 50-50 POZ.
 CEMENT TOP AT: 2490' KB w/top of good
 bonding @ 2665' KB per CBL

TUBING RECORD

SIZE/GRADE/WT.: 2-7/8", J-55, 6.5 #
 NO. OF JOINTS: 170 jnts @ 5236.39'
 TUBING ANCHOR: NA
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2-7/8" x 1.10'
 PERF. SUB: 2-7/8" x 3.2'
 MUD ANCHOR: 2-7/8" x 29.63'
 TOTAL STRING LENGTH: 5280.32'
 SN LANDED AT: 5247.49' KB

SUCKER ROD RECORD

One 1-1/4" x 22' Polish Rod
 One 3/4" x 6' Pony
 One 3/4" x 8' Pony
 208 3/4" x 25' Plain Rods

PUMP SIZE: 2.5" x 1.5" x 16' RWAC
 w/PA Plunger (Pump # 1014)

STROKE LENGTH: 77" Stroke

PUMP SPEED: 5 SPM

PUMPING UNIT SIZE:

LOGS: Mud Log, Gamma Ray/Cement Bond Log, Dual
 Laterolog Micro-SF, Compensated Neutron/Litho-
 Density/Gamma Ray Log.

PERFORATION RECORD

| | | |
|----------------------|-----------|---------|
| 4645'-4649' (4') | (3 Holes) | RED 1 |
| 4653'-4655' (2') | (2 Holes) | RED 1 |
| 4666'-4672' (6') | (4 Holes) | RED 1 |
| 4803'-4808' (5') | (1 SPF) | RED 5 |
| 5216'-5220' (4') | (2 SPF) | GREEN 6 |
| ** 5212'-5222' (10') | (4 SPF) | GREEN 6 |

** Above is re-perforation of zone.
 Original zone would not breakdown.

PROPOSED REPERFORATING

| | | |
|------------------|---------|-------|
| 4645'-4649' (4') | (2 SPF) | RED 1 |
| 4653'-4655' (2') | (2 SPF) | RED 1 |
| 4666'-4672' (6') | (2 SPF) | RED 1 |

PAGE TWO ACID AND FRAC INFORMATION

141

WELL NAME: BALCRON MONUMENT FEDERAL #23-15J
FIELD: Jonah Unit/Monument Butte Field
FEDERAL LEASE NO.: Lease No. U-017985
LOCATION: NE SW Section 15, T9S, R16E
COUNTY/STATE: Duchesne County, Utah

ACID/ BREAKDOWN JOBS

-
- 5216'-5220' KB - 11-2-93: Breakdown w/Schlumberger w/500 gals 15% HCL & 40 bbls 2% KCL wtr. ISIP 2270 psi. 48 bbls 2% KCL wtr. ATP 2950 psi, ATR 4 BPM, ISIP 2200 psi, 5 min 1980 psi.
 - 5212'-5222' KB - 11-3-93: Dowell w/500 gals 15% HCL & 65 bbls 2% KCL wtr. ATP 2500 psi, max 3500 psi. ATR 4 BPM, max 4 BPM. ISIP 2500 psi.
 - 4803'-4808' KB - 11-10-93: Dowell w/1344 gals 2% KCL wtr. ATP 3050 psi, max 2750 psi. ATR 4 BPM, max 4 BPM. ISIP 1530 psi.
 - 4645'-4672' KB - 11-10-93: Breakdown w/1848 gals 2% KCL wtr. ATP 3200 psi, max 4250 psi. ATR 4 BPM, max 4 BPM. ISIP 1450 psi.

FRAC JOB

-
- 4645'-4808' KB - 11-11-93: Frac'd by Dowell w/39,890# 16/30 mesh sand in 26,744 gals 2% KCL wtr. ATP 2800 psi, max 3000 psi. ATR 19.5 BPM, max 20.8 BPM. ISIP 1890 psi, 5 min 1789 psi, 10 min 1753 psi, 15 min 1705 psi.

WELLBORE DIAGRAM

142

Elev.Gr @ 5828'
 Elev.KB @ 5838' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 270.52'
 Hole size @ 12-1/4"
 Depth landed @ 278.25' KB
 Cemented w/150 sxs Class "G" w/3% CCL &
 1/4#/sxs Celloseal. Crnt'd to surface
 w/ good returns.

278.52' KB -->

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5666.71'
 Hole size @ 7-7/8"
 Depth landed @ 5675.71' KB
 Cemented w/100 sxs Hifill & tail
 w/250 sxs 50-50 POZ
 TOC @ 2490' KB

TOC @ 2490' ---->

TUBING

2-7/8", 6.5#, J-55
 170 jnts @ 5236.39'
 SN @ 2-7/8" x 1.1'
 Perf.Sub @ 2-7/8" x 3.2'
 MA @ 2-7/8" x 29.63'
 Total string length @ 5280.32' KB
 SN landed @ 5247.49' KB

ROD STRING

1 - 1-1/4" X 22' Polish Rod
 1 - 3/4" x 6' Pony
 1 - 3/4" x 8' Pony
 208 - 3/4" x 25" Plain Rods

Pump size @ 2.5" x 1.5" x 16' RWAC
 w/PA Plunger (Pump # 1014)

Stroke length @ 77", 5 SPM



ACID/BREAKDOWN JOBS

| | |
|----------------|---|
| 5216'-5220' KB | 11-2-93: Schlumberger w/500 gals 15% HCL & 40 bbis 2% KCL wtr. ISIP 2270 psi. 48 bbis 2% KCL wtr. ATP 2950 psi, ATR 4 BPM. ISIP 2200 psi, 5 min 1980 psi. |
| 5212'-5222' KB | 11-3-93: Dowell w/500 gals 15% HCL & 65 bbis 2% KCL wtr. ATP 2500 psi, max 3500 psi. ATR 4 BPM, max 4 BPM. ISIP 2500 psi. |
| 4803'-4808' KB | 11-10-93: Dowell w/1344 gals 2% KCL wtr. ATP 3050 psi, max 2750 psi. ATR 4 BPM, max 4 BPM. ISIP 1530 psi. |
| 4645'-4672' KB | 11-10-93: Breakdown w/ 1848 gal 2% KCl wtr. ATP 3200 psi, max 4250 psi. ATR 4 BPM, max 4 BPM. ISIP 1450 psi. |

FRAC JOB

| | |
|----------------|---|
| 4645'-4808' KB | 11-11-93: Dowell w/39,890# 16/30 mesh sand in 26,744 gals 2% KCL wtr. ATP 2800 psi, max 3000 psi. ATR 19.4 BPM max 20.8 BPM. ISIP 1890 psi, 5 min 1789 psi, 10 min 1753 psi, 15 min 1705 psi. |
|----------------|---|

PERFORATION RECORD

| | | |
|----------------------|-----------|---------|
| 4645'-4649' (4') | (3 Holes) | RED 1 |
| 4653'-4655' (2') | (2 Holes) | RED 1 |
| 4666'-4672' (6') | (4 Holes) | RED 1 |
| 4803'-4808' (5') | (1 SPF) | RED 5 |
| 5216'-5220' (4') | (2 SPF) | GREEN 6 |
| ** 5212'-5222' (10') | (4 SPF) | GREEN 6 |

** Above is re-perforation of zone.
 Original zone would not breakdown.

PROPOSED REPERFORATING

| | | | |
|---------------------------|------------------|---------|-------|
| <-SN Landed @ 5247.49' KB | 4645'-4649' (4') | (2 SPF) | RED 1 |
| | 4653'-4655' (2') | (2 SPF) | RED 1 |
| | 4666'-4672' (6') | (2 SPF) | RED 1 |

PBTD @ 5625' KB
 TD @ 5700' KB

WELL NAME: CASTLE PEAK FEDERAL #33-15
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: NW SE Sec. 15, T9S, R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 6/2/82
 INITIAL PRODUCTION: 66 STBOPD, 20 MCFPD, 50 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 3 STBOPD, 23 MCFPD
 ELEVATIONS - GROUND: 5745'
 TOTAL DEPTH: 5980' KB

DATE: 6-29-94/ks

API NO.: 43-013-30632

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NET REVENUE INT.: 0.825

SPUD DATE: 4/8/82
 RIG RELEASE DATE: 5/22/82
 OIL GRAVITY: 30 API
 BHT: 127 Deg.F
 KB: 5759' (14' KB)
 PLUG BACK TD: 5934' KB

SURFACE CASING

STRING: 1
 SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs.
 LENGTH: 6 jts @ 243.35'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 253' KB
 CEMENT DATA: 200 sx Class G W/ 2% CaCl &
 1/4#/sx Flocele. Cemented
 to surface.

PRODUCTION CASING

STRING: 1
 SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs.
 LENGTH: 143 jts @ 5981'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5979' KB
 CEMENT DATA: 645 sx Class G & 750 sx
 10.0 RFC w/ additives.
 CEMENT TOP AT: 224' from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 3/8", 4.7 lbs
 NO. OF JOINTS: 170 jts. @ 5156'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 3/8" x 1.1'
 PERF. SUB: None
 MUD ANCHOR: 2 3/8" x 19'
 TOTAL STRING LENGTH: 5190' KB
 SN LANDED AT: 5170' KB

PERFORATION RECORD

| | | |
|-------------------|---------|-------|
| 5217'-5230' (13') | (2 SPF) | BSF |
| 5471'-5505' (33') | (2 SPF) | BLUE1 |
| 5522'-5543' (21') | (2 SPF) | BLUE2 |
| 5656'-5664' (8') | (2 SPF) | BLUE3 |
| 5760'-5776' (16') | (1 SPF) | BLUE4 |

ACID JOBS

| | |
|----------------|-------------------|
| 5217'-5230' KB | 1000 gal 7.5% HCl |
| 5471'-5543' KB | 2000 gal 7.5% HCl |
| 5656'-5776' KB | 1000 gal 7.5% HCl |

FRAC JOBS

| | |
|----------------|--|
| 5217'-5230' KB | 5-18-82: w/Western. 20000 gal Apollo 40 w/28500# 20-40 sand & 12000# 10-20 sand. ATR 10 BPM @ 2500 psi, max 2600 psi. ISIP @ 2450 psi, 15 - 2200 psi, 20 - 2200 psi. |
| 5471'-5543' KB | 5-16-82: w/Western. 50000 gal Apollo 40 w/75000# 20-40 sand & 20000# 10-20 sand. ATR 20 BPM @ 1700 psi, max 1800 psi. ISIP @ 1700 psi, 15 - 1600 psi, 20 - 1550 psi. |
| 5656'-5776' KB | 5-14-82: w/Western. 3850 gal Apollo 40 w/3200# 20-40 sand. 8 Ball sealers pumped, sand screened out before balls hit perms. ATR 10 BPM @ 1600 psi, max 3800 psi. ISIP 800 psi, 15 - 0. |

SUCKER ROD RECORD

1 - 1-1/4" x 16' Polish Rod
 (Replaced 1-22-93)
 1 - 3/4" x 4' Pony
 2 - 3/4" x 6' Pony
 190 - Plain Rods
 15 - 3/4" x 25' HPS Rods

PUMP SIZE: 2" x 1 1/2" x 14' RWBC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Lufkin MarkII M114D 173-74
 Unit serviced 10-6-92
 S/N E97711A1-456676
 Ajax EA-30 engine
 S/N 79361

LOGS: Dual Induction Guard Log, Cement Bond Log,
 Flap II Log, Compensated Density Dual Spaced
 Neutron Log, Computer Analyzed Log.

CASTLE PEAK FEDERAL #33-15
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 NW SE Sec. 15, T9S, R16E
 Duchesne Co., Utah

BALCRON OIL
 6-29-94/ks

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Wellbore Diagram

Elev GL @ 5745'
 Elev KB @ 5759' (14' KB)

SURFACE CASING

8 5/8", 24#, K-55
 6 jts @ 243.35'
 Landed @ 253' KB
 Hole Size @ 12 1/4"
 Cemented w/200 sx Class G w/ 2%
 CaCl & 1/4#/sx Flocele. Cemented
 to surface.

PRODUCTION CASING

5 1/2", 15.5#, K-55
 143 jts @ 5981'
 Landed @ 5979' KB
 Hole Size @ 7 7/8"
 Cemented w/645 sx Class G & 750
 sx 10.0 RFC w/ additives.
 Cement Top @ 224' from CBL

TUBING

2 3/8", 4.7#
 170 jts. @ 5156'
 SN - 2 3/8" x 1.1'
 Mud Anchor - 2 3/8" x 19'
 Total String Length - 5190' KB
 SN Landed At 5170' KB

SUCKER ROD RECORD

1 - 16" x 1 1/4" Polish Rod (Replaced 1-22-93)
 1 - 3/4" x 4' Pony
 2 - 3/4" x 6' Pony
 190 - Plain Rods
 15 - 3/4" x 25' HPS Rods

PUMP SIZE: 2" x 1 1/2" x 14' RWBC

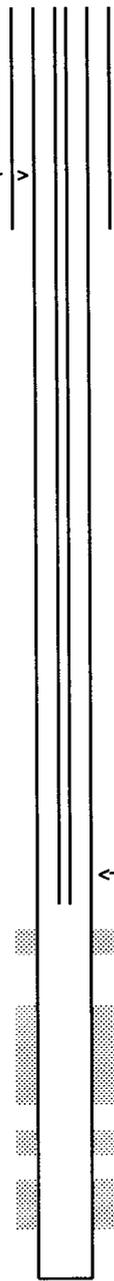
STROKE LENGTH:

PUMP SPEED, SPM:

PUMPING UNIT SIZE: Lufkin MarkII M114D 173-74

Unit serviced 10-6-92
 S/N E97711A1-456676
 Ajax EA-30 engine
 S/N 79361

TOC @ 224' --->
 253' KB --->



ACID JOBS

5217'-5230' KB 1000 gal 7.5% HCl
 5471'-5543' KB 2000 gal 7.5% HCl
 5656'-5776' KB 1000 gal 7.5% HCl

FRAC JOBS

5217'-5230' KB 5-18-82: w/Western. 20000 gal Apollo 40
 w/28500# 20-40 sand & 12000# 10-20 sand.
 ATR 10 BPM @ 2500 psi, max 2600 psi. ISIP
 @ 2450 psi, 15 - 2200 psi, 20 - 2200 psi.

5471'-5543' KB 5-16-82: w/Western. 50000 gal Apollo 40
 w/75000# 20-40 sand & 20000# 10-20 sand.
 ATR 20 BPM @ 1700 psi, max 1800 psi. ISIP
 @ 1700 psi, 15 - 1600 psi, 20 - 1550 psi.

5656'-5776' KB 5-14-82: w/Western. 3850 gal Apollo 40
 w/3200# 20-40 sand. 8 Ball sealers pumped,
 sand screened out before balls hit perfs.
 ATR 10 BPM @ 1600 psi, max 3800 psi.
 ISIP 800 psi, 15 - 0.

<--SN Landed @ 5170' KB

PERFORATION RECORD

| | | |
|-------------------|---------|-------|
| 5217'-5230' (13') | (2 SPF) | BSF |
| 5471'-5505' (33') | (2 SPF) | BLUE1 |
| 5522'-5543' (21') | (2 SPF) | BLUE2 |
| 5656'-5664' (8') | (2 SPF) | BLUE3 |
| 5760'-5776' (16') | (1 SPF) | BLUE4 |

PBTD @ 5934' KB
 TD @ 5980' KB

BALCRON OIL**WELL REPORT**

145

WELL NAME: CASTLE PEAK FEDERAL #24-15
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: SE SW Sec.15,T9S,R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 8/30/82
 INITIAL PRODUCTION: 110 STBOPD, 40 MCFPD, 15 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 6 STBOPD, 43 MCFPD
 ELEVATIONS - GROUND: 5770'
 TOTAL DEPTH: 5872' KB

DATE: 6-29-94/ks

API NO.: 43-013-30631

NET REVENUE INT.: 0.825

SPUD DATE: 6/19/82
 RIG RELEASE DATE: 7/1/82
 OIL GRAVITY: 30 API
 BHT: 126 Deg.F
 KB: 5783' (13' KB)
 PLUG BACK TD: 5789' KB

SURFACE CASING

STRING: 1
 SIZE: 8 5/8"
 GRADE: K-55
 WEIGHT: 24 lbs.
 LENGTH: 7 jts @ 261'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 274' KB
 CEMENT DATA: 200 sx Type II w/ 2% CaCl &
 1/4#/sx Flocele. Cemented
 to surface.

PRODUCTION CASING

STRING: 1
 SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs.
 LENGTH: 138 jts @ 5870.46'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5867' KB
 CEMENT DATA: 325 sx Dowell HiLift & 475
 sx 10-0 RFC w/ additives.
 CEMENT TOP AT: 920' from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 3/8", J-55, 4.6#
 NO. OF JOINTS: 170 jts. @ 5257'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 3/8" X 1.1'
 PERF. SUB: None
 MUD ANCHOR: 2 3/8" X 30'
 TOTAL STRING LENGTH: 5301' KB
 SN LANDED AT: Unknown

PERFORATION RECORD

4534'-4548' (14') (2 SPF) RED1
 4645'-4652' (7') (2 SPF) RED5
 4893'-4904' (11') (2 SPF) GREEN3
 5460'-5477' (17') (2 SPF) BLUE2

ACID JOBS

4534'-4652' KB 2500 gal 15% HCl Acid.
 4893'-4904' KB 1500 gal 15% HCl Acid.
 5460'-5477' KB 2000 gal 15% HCl Acid.

SUCKER ROD RECORD

1 - 1 1/4" x 16' Polish Rod
 2 - 2' x 3/4" Pony
 2 - 6' x 3/4" Pony
 208 - 3/4" x 25' Rods

PUMP SIZE: 2" x 1 1/4" x 16' RHAC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Lufkin 160 (Serviced 10-6-92)

FRAC JOBS

4534'-4548' KB 8/21/82: w/Halliburton. 38000 gal Ver 1400
 w/44500# 20-40 sand & 12000# 10-20 sand.
 29 ball sealers dropped, saw ball action.
 ATR 15 BPM @ 2600 psi, max 2800 psi. ISIP
 @ 1920 psi, 15 - 1770 psi, 20 - 1760 psi.
 4893'-4904' KB 8/8/82: w/Halliburton. 23500 gal Ver 1400
 w/19500# 20-40 sand & 6000# 10-20 sand.
 ATR 10 BPM @ 2000 psi, max 2340 psi. ISIP
 @ 2120 psi, 15 - 1860 psi, 20 - 1840 psi.
 5460'-5477' KB 7/19/82: w/Halliburton. 27000 gal Ver 1400
 w/30500# 20-40 sand & 6000# 10-20 sand.
 50 ball sealers dropped, ball action but
 no ball out. ATR 15 BPM @ 1650 psi, max
 3200 psi. ISIP @ 1620 psi, 15 - 1530 psi,
 20 - 1530 psi.

LOGS: Dual Induction - SFL, Compensated
 Neutron-Formation Density, Cement
 Bond Log, Cyberlook, Mud Log.

CASTLE PEAK FEDERAL #24-15
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 SE SW Sec. 15, T9S, R16E
 Duchesne Co., Utah

BALCRON OIL
 6-29-94/ks

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Wellbore Diagram

Elev GL @ 5770'
 Elev KB @ 5783' (13' KB)

SURFACE CASING

8 5/8", 24#, K-55
 7 jts @ 261'
 Landed @ 274' KB
 Hole Size @ 12 1/4"
 Cemented w/200 sx Type II w/
 2% CaCl & 1/4#/sx Flocele.
 Cemented to surface.

274' KB --->

PRODUCTION CASING

5 1/2", 15.5#, K-55
 138 jts @ 5870.46'
 Landed @ 5867' KB
 Hole Size @ 7 7/8"
 Cemented w/325 sx Dowell HiLift
 475 sx 10-0 RFC w/ additives.
 Cement top @ 920' from CBL

TOC @ 920' --->

TUBING

2 3/8", 4.6#, J-55
 170 jts. @ 5257'
 SN - 2 3/8" x 1.1'
 Mud Anchor - 2 2/38" x 30'
 Total String Length - 5301' KB
 SN Landed @ Unknown

SUCKER ROD RECORD

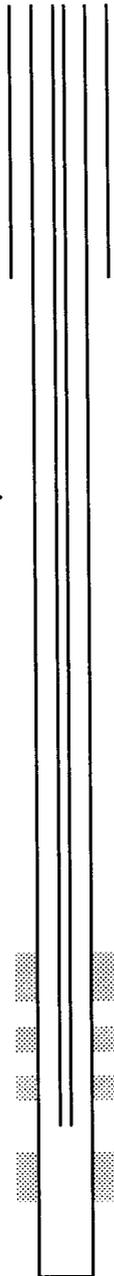
1 - 1 1/4" x 16' Polish Rod
 2 - 2' x 3/4" Pony
 2 - 6' x 3/4" Pony
 208 - 3/4" x 25' Rods

PUMP SIZE: 2" x 1 1/4" x 16' RHAC

STROKE LENGTH:

PUMP SPEED, SPM:

PUMPING UNIT SIZE: Lufkin 160 (Serviced 10-6-92)



ACID JOBS

4534'-4652' KB 2500 gal 15% HCl Acid.
 4893'-4904' KB 1500 gal 15% HCl Acid.
 5460'-5477' KB 2000 gal 15% HCl Acid.

FRAC JOBS

4534'-4548' KB 8/21/82: w/Halliburton. 38000 gal Ver 1400
 w/44500# 20-40 sand & 12000# 10-20 sand.
 29 ball sealers dropped, saw ball action.
 ATR 15 BPM @ 2600 psi, max 2800 psi. ISIP
 @ 1920 psi, 15 - 1770 psi, 20 - 1760 psi.

4893'-4904' KB 8/8/82: w/Halliburton. 23500 gal Ver 1400
 w/19500# 20-40 sand & 6000# 10-20 sand.
 ATR 10 BPM @ 2000 psi, max 2340 psi. ISIP
 @ 2120 psi, 15 - 1860 psi, 20 - 1840 psi.

5460'-5477' KB 7/19/82: w/Halliburton. 27000 gal Ver 1400
 w/30500# 20-40 sand & 6000# 10-20 sand.
 50 ball sealers dropped, ball action but
 no ball out. ATR 15 BPM @ 1650 psi, max
 3200 psi. ISIP @ 1620 psi, 15 - 1530 psi,
 20 - 1530 psi.

PERFORATION RECORD

4534'-4548' (14') (2 SPF) RED1
 4645'-4652' (7') (2 SPF) RED5
 4893'-4904' (11') (2 SPF) GREEN3
 5460'-5477' (17') (2 SPF) BLUE2

PBTD @ 5789' KB
 TD @ 5872' KB

BALCRON OIL**WELL REPORT**

147

WELL NAME: Castle Peak Federal #43-16
 FIELD: Monument Butte
 FEDERAL LEASE NO.: U-017985
 LOCATION: NE SE Sec.16,T9S,R16E
 COUNTY/STATE: Duchesne County,Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 5-25-82
 INITIAL PRODUCTION: 80 STBOPD,7 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS:
 ELEVATIONS - GROUND: 5882'
 TOTAL DEPTH: 5600'KB

DATE: 8-2-93
 API NO.: 40-103-30594

NET REVENUE INT.: 0.825

SPUD DATE: 10-20-81
 OIL GRAVITY:
 BHT: 134 Deg.F

KB: 5892' (10'KB)
 PLUG BACK TD: 5570'KB

SURFACE CASING

 STRING: 1
 SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 lbs.
 LENGTH: 235'
 HOLE SIZE: 12 1/4"
 DEPTH LANDED: 245'KB
 CEMENT DATA: 200 sx

PRODUCTION CASING

 STRING: 1
 SIZE: 5 1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs.
 LENGTH: 5590'
 HOLE SIZE: 7 7/8"
 DEPTH LANDED: 5600'KB
 CEMENT DATA: 450 sx

CEMENT TOP AT:**TUBING RECORD**

 SIZE/GRADE/WT.: 2 3/8",J-55,4.6 lbs
 NO. OF JOINTS: 174 jts @ 5408'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 3/8" x 1.10'
 PERF. SUB: 2 3/8" x 6'
 MUD ANCHOR: 2 3/8" x 30' open ended
 TOTAL TUBING LENGTH: 5445'
 SN LANDED AT: 5419'KB

PERFORATION RECORD

 4620'-4636' (16') 2 SPF
 5068'-5092' (24') 2 SPF
 5520'-5550' (30') 2 SPF

ACID JOB**SUCKER ROD RECORD**

 1 - 1 1/4" x 22' Polish Rod
 2 - 3/4" x 2' Pony
 1 - 3/4" x 4' Pony
 2 - 3/4" x 6' Pony
 187 - 3/4" x 25' Plain Rods
 28 - 3/4" x 25' Guided Rods
 1 - 3/4" x 2' Pony

FRAC JOB

 Frac w/156000 lbs sand

PUMP SIZE: 2" x 1 1/4" x 16' RHAC
 (Sentry 114 Ch serviced 10-16-92)

STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE:

CASTLE PEAK FEDERAL #43-16
NE SE Sec.16-9S-16E
Lease No. U-017985
MONUMENT BUTTE FIELD
DUCHESNE CO., UTAH

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Wellbore Diagram

SURFACE CASING

8 5/8", 24#
Length @ 235'
Landed @ 245'KB
Cemented w/200 sx

PRODUCTION CASING

5 1/2", K-55, 15.5#
Length @ 5590'
Landed @ 5600'KB
Cemented w/450 sx

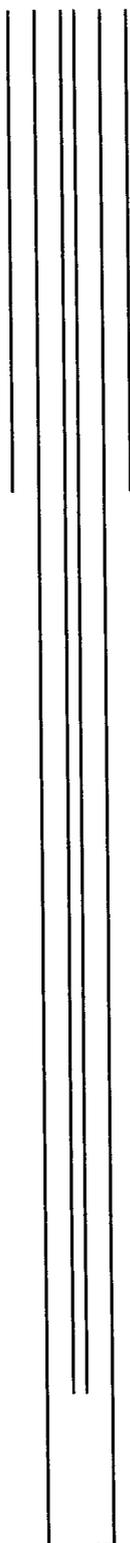
TUBING

2 3/8", 4.6#
175 jts @ 5440'
Notched Collar @ 2 3/8" x 4'
Seating Nipple @ 2" x 1.10'
Perf. Sub @ 2 3/8" x 6'
Total Tubing Length @ 5465'
SN Landed @ 5426'KB

SUCKER ROD RECORD

1 - 1 1/4" x 22' Polish Rod
2 - 3/4" x 2' Pony
1 - 3/4" x 4' Pony
2 - 3/4" x 6' Pony
184 - 3/4" x 25' Plain Rods
28 - 3/4" x 25' Guided Rods
1 - 3/4" x 2' Pony

PUMP SIZE: 2" x 1 1/4" x 16' RHAC
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE:



ACID JOB

FRAC JOB

Frac w/156000 lbs sand

PERFORATION RECORD

4620'-4636' (16') 2 SPF
5068'-5092' (24') 2 SPF
5520'-5550' (30') 2 SPF

PBTD @ 5570'KB
TD @ 5600'KB

Exhibit - C
Proposed Injection Well Completion Diagrams

| <u>WELL</u> | <u>LOCATION</u> |
|-------------------------------|--------------------------|
| Balcron Monument Fed. #34-10J | SW SE Sec. 10, T9S, R16E |
| Walton Federal #34-11 | SW SE Sec. 11, T9S, R16E |
| Balcron Monument Fed. #12-11J | SW NW Sec. 11, T9S, R16E |
| Balcron Monument Fed. #14-11J | SW SW Sec. 11, T9S, R16E |
| Balcron Monument Fed. #23-11J | NE SW Sec. 11, T9S, R16E |
| Balcron Monument Fed. #32-11J | SW NE Sec. 11, T9S, R16E |
| Balcron Monument Fed. #43-11J | NE SE Sec. 11, T9S, R16E |
| Balcron Monument Fed. #12-12J | SW NW Sec. 12, T9S, R16E |
| Balcron Monument Fed. #14-12J | SW SW Sec. 12, T9S, R16E |
| Balcron Monument Fed. #32-12J | SW NE Sec. 12, T9S, R16E |
| C & O Government #4 | NE SW Sec. 12, T9S, R16E |
| Balcron Monument Fed. #21-14J | NE NW Sec. 14, T9S, R16E |
| Balcron Monument Fed. #41-14J | NE NE Sec. 14, T9S, R16E |
| Balcron Monument Fed. #23-15J | NE SW Sec. 15, T9S, R16E |
| Balcron Monument Fed. #32-15J | SW NE Sec. 15, T9S, R16E |
| Balcron Monument Fed. #41-15J | NE NE Sec. 15, T9S, R16E |

BALCRON MONUMENT FEDERAL #34-10J
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 SW SE Section 10, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-1-94/ks

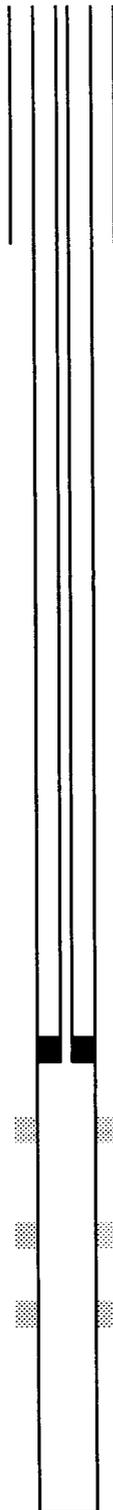
150

PROPOSED INJECTION WELL COMPLETION DIAGRAM

Elev.Gr @ 5716'
 Elev. @ KB 5726' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 266.87'
 Hole Size @ 12-1/4"
 Depth landed @ 274' KB
 Cemented w/150 sxs Class Class "G" &
 1/4#/sx Celoflake
 5 BBLs return.



<--- 274' KB

PRODUCTION CASING

5-1/2", K-55, 15.5#
 Length @ 5836.04'
 Depth landed @ 5832.04' KB
 Cemented w/110 sxs HiLift &
 290 sxs Class "G"
 Top of Cement @ 2735' from CBL

--- Uintah Formation @ Surface to 1400' ---

<--- Top of Cement @ 2735' from CBL

TUBING

2-7/8", J-55, 6.5#
 SN @ 2-7/8" x 1.1' (2.25" ID)
 SN landed @ 4636' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4640' KB

--- Green River Formation @ 1400' to 4100' ---

<--- Retrievable Csg Tension Packer @ 4640' KB

Proposed Injection Horizons

| Horizon | SPF | Color |
|-------------------|-------|---------|
| 4700'-4711' (11') | 2 SPF | RED 1 |
| 4865'-4872' (7') | 1 SPF | RED 5 |
| 5015'-5019' (4') | 2 SPF | GREEN 1 |

PERFORATION RECORD

| | |
|-------------------|---------|
| 4700'-11' (2 SPF) | RED 1 |
| 4865'-72' (1 SPF) | RED 5 |
| 5015'-19' (2 SPF) | GREEN 1 |

--- Douglas Creek Member @ 4100' to 5350' ---

PBTD @ 5787.54' KB
 TD @ 5850' KB

--- Wasatch Formation Transition @ 5350' to 6000' ---

--- Wasatch Formation @ 6000' ---

WALTON FEDERAL #34-11
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SW SE Sec. 11, T9S, R16E
 Duchesne Co., Utah

BALCRON OIL
 7-29-94/ks

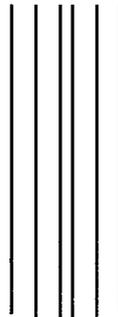
151

Proposed Injection Well Completion Diagram

Elev. GL @ 5534'
 Elev. KB @ 5545' (11' KB)

SURFACE CASING

8 5/8", 24#, K-55
 Casing Length @ 251'
 Landed @ 263' KB
 Hole Size @ 12 1/4"
 Cemented w/210 sx Class G w/ 2% CaCl,
 3% D-44, 1/4#/sx D-29.
 Cemented to Surface



← 263' KB

PRODUCTION CASING

5 1/2", 14# & 15.5#, K-55
 Casing Length @ 5995'
 Landed @ 5995' KB
 Hole Size @ 7 7/8"
 Cemented w/131 sx HiLift &
 687 sx Class H
 Cement Top @ 1665' from CBL

--- Uintah Formation @ Surface to 1400' ---

←--- Top of Cement @ 1665' from CBL

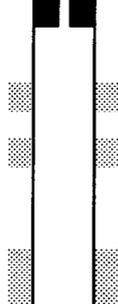
TUBING

2 7/8", 6.5#, J-55
 SN @ 2 7/8"
 SN Landed @ 4516' KB

--- Green River Formation @ 1400' to 4100' ---

←--- Retrievable Csg Tension Packer @ 4520' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4520' KB



PERFORATION RECORD

| | | |
|------------------|---------|--------|
| 4876'-4882' (6') | (2 SPF) | GREEN1 |
| 4884'-4886' (2') | (2 SPF) | GREEN1 |
| 4888'-4892' (4') | (2 SPF) | GREEN1 |
| 4901'-4905' (4') | (2 SPF) | GREEN1 |

PROPOSED PERFORATIONS

| | | |
|-------------------|---------|------|
| 4591'- 4596' (5') | (2 SPF) | RED1 |
| 4744'- 4753' (9') | (2 SPF) | RED5 |

Proposed Injection Horizons

| | | |
|------------------|---------|--------|
| 4591'-4596' (5') | (1 SPF) | RED1 |
| 4744'-4753' (9') | (1 SPF) | RED5 |
| 4876'-4882' (6') | (2 SPF) | GREEN1 |
| 4884'-4886' (2') | (2 SPF) | GREEN1 |
| 4888'-4892' (4') | (2 SPF) | GREEN1 |
| 4901'-4905' (4') | (2 SPF) | GREEN1 |

--- Douglas Creek Member @ 4100' to 5350' ---

PBTD @ 5942' KB

TD @ 6000' KB

--- Wasatch Formation Transition @ 5350' to 6000' ---

--- Wasatch Formation @ 6000' ---

BALCRON MONUMENT FEDERAL #12-11J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SW NW Section 11, T9S, R16E
 Duchesne County, UT

BALCRON OIL
 7-29-94/ks

152

Proposed Injection Well Completion Diagram

Elev. GL @ 5625'
 Elev. KB @ 5635' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 263.6'
 Hole size @ 12-1/4"
 Depth landed @ 271' KB
 Cemented w/150 sxs Class "G", 2% CCL,
 & 1/4#/sx Celoflake
 4-5 BBLs cement circulated to pit.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5739'
 Hole size @ 7-7/8"
 Depth landed @ 5748' KB
 Cemented w/130 sxs Hifill &
 tail w/265 sxs 50-50 POZ
 TOC @ 1760' (Calculated), top of
 good bonding @ 4430' from CBL

TUBING

2-7/8", 6.5#, J-55
 SN @ 2-7/8" x 1.1' (2.25" ID)
 SN landed @ 4826' KB

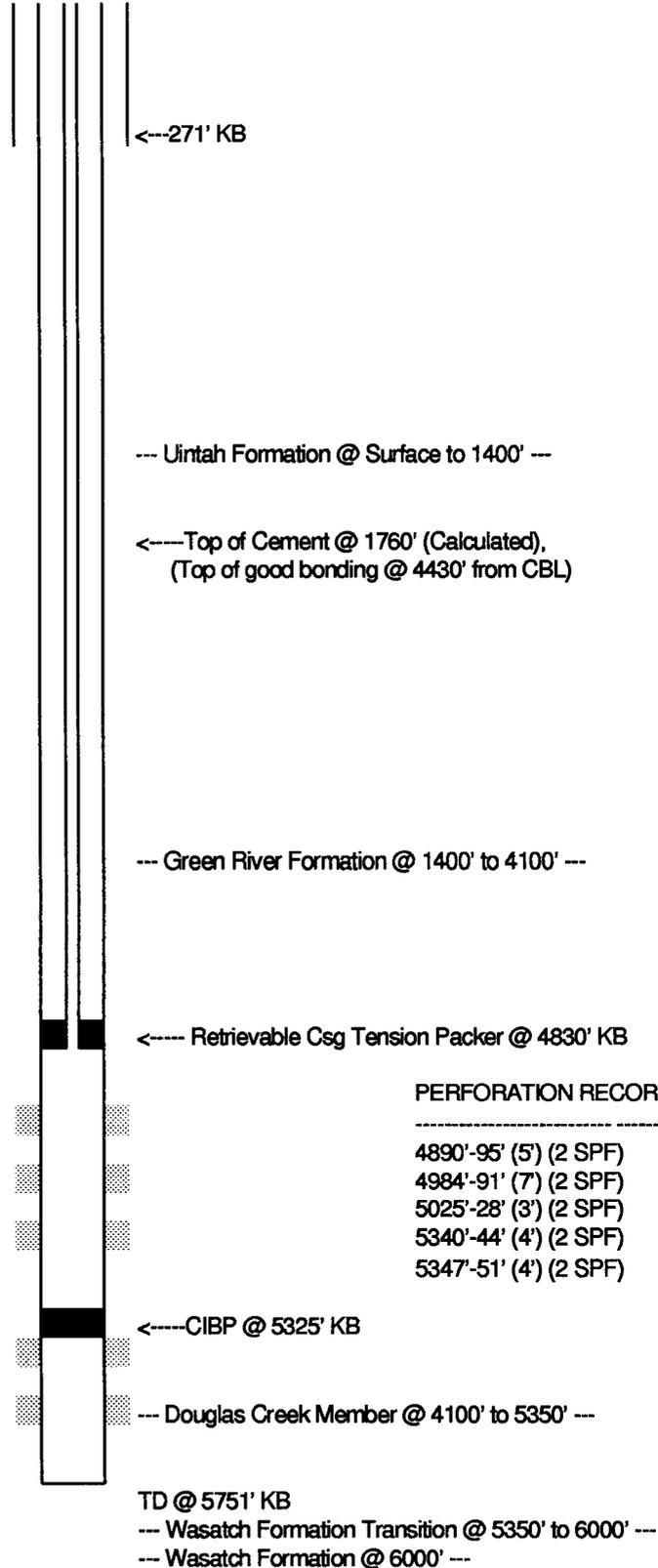
Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4830' KB

CIBP set @ 5325' KB

Proposed Injection Horizons

| | |
|------------------------|---------|
| 4890'-95' (5') (2 SPF) | RED 5 |
| 4984'-91' (7') (2 SPF) | GREEN 1 |
| 5025'-28' (3') (2 SPF) | GREEN 1 |

NOTE: The GREEN6 zone will not be used for injection. It is isolated by a CIBP set at 5325' KB.



<---271' KB

--- Uintah Formation @ Surface to 1400' ---

<---Top of Cement @ 1760' (Calculated),
 (Top of good bonding @ 4430' from CBL)

--- Green River Formation @ 1400' to 4100' ---

<--- Retrievable Csg Tension Packer @ 4830' KB

PERFORATION RECORD

| | |
|------------------------|---------|
| 4890'-95' (5') (2 SPF) | RED 5 |
| 4984'-91' (7') (2 SPF) | GREEN 1 |
| 5025'-28' (3') (2 SPF) | GREEN 1 |
| 5340'-44' (4') (2 SPF) | GREEN 6 |
| 5347'-51' (4') (2 SPF) | GREEN 6 |

<---CIBP @ 5325' KB

--- Douglas Creek Member @ 4100' to 5350' ---

TD @ 5751' KB

--- Wasatch Formation Transition @ 5350' to 6000' ---

--- Wasatch Formation @ 6000' ---

BALCRON MONUMENT FEDERAL #14-11J
 Jonah Unit / Monument Butte Field
 Lease No. U-096547
 SW SW Section 11, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-5-94/ks

Proposed Injection Well Completion Diagram

153

Elev. GL @ 5661'
 Elev. KB @ 5671' (10' KB)

SURFACE CASING

8-5/8", 24#, K-55
 Length @ 271.35'
 Hole size @ 12-1/4".
 Depth Landed @ 281' KB.
 Cemented w/150 sxs "G" w/2% CCL
 & 1/4#/sx Celloflake.
 Cement to surface.

←-- 281' KB

PRODUCTION CASING

5-1/2", 15.5#, K-55 (132 jts)
 Landed @ 5699.92'KB.
 Cemented w/136 sxs "G" w/4% Trifty-Lite,
 3% Salt, 3#/sx CSI, 1/4#/sx Celloseal; &
 tail w/206 sxs 50-50 POZ w/2% gel, 10% salt,
 1/4#/sx Celloseal.
 Cement top @ 4020' per CBL
 Hole size @ 7-7/8"

--- Uintah Formation @ Surface to 1400' ---

←----Top of Cement @ 4020' from CBL
 --- Green River Formation @ 1400' to 4100' ---

TUBING

2-7/8", 6.5#, J-55
 SN @ 2 7/8" x 1.10'
 SN Landed @ 5111' KB

PERFORATION RECORD

| | | |
|-------------------|---------|---------|
| 5175'-5188' (13') | (2 SPF) | GREEN 5 |
| 5553'-5556' (3') | (2 SPF) | BLUE 1 |

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 5115' KB

←---- Retrievable Csg Tension Packer @ 5115' KB

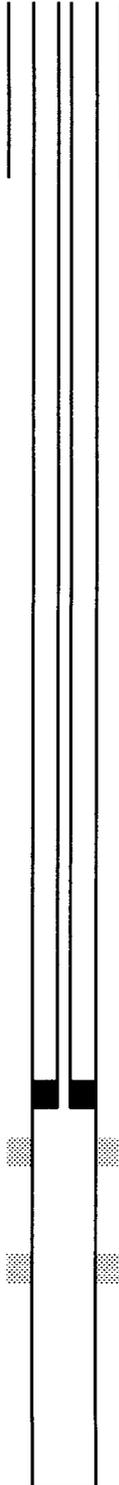
Proposed Injection Horizons

| | | |
|-------------------|---------|---------|
| 5175'-5188' (13') | (2 SPF) | GREEN 5 |
| 5553'-5556' (3') | (2 SPF) | BLUE 1 |

--- Douglas Creek Member @ 4100' to 5350' ---

PBTD @ 5668'
 TD @ 5720' KB

--- Wasatch Formation Transition @ 5350' to 6000' ---
 --- Wasatch Formation @ 6000' ---



BALCRON MONUMENT FEDERAL #23-11J
 Jonah Unit/Monument Butte Field
 Lease No. U096550
 NE SW Section 11, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 8-1-94/ks

Proposed Injection Well Completion Diagram

154

Elev. Gr @ 5621'
 Elev. KB @ 5631' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 270.01'
 Hole size @ 12-1/4"
 Depth landed @ 277' KB
 Cemented w/150 sxs Class "G" w/2% CCL
 & 1/4#/sx Celoflake. Good returns

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5740.67'
 Hole size @ 7-7/8"
 Depth landed @ 5730.67' KB
 Cemented w/90 sxs Hifill & tail
 w/350 sxs 50-50 POZ.
 TOC @ 2510' from CBL

TUBING

2-7/8", 6.5#, J-55
 SN @ 2-7/8" x 1.15" (2.25" ID)
 SN landed @ 4641' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4645' KB

Proposed Injection Horizons

| | | |
|-------------------|---------|---------|
| 4710'-4717' (7') | (2 SPF) | RED 1 |
| 4836'-4844' (8') | (2 SPF) | RED 5 |
| 4848'-4850' (2') | (2 SPF) | RED 5 |
| 4858'-4864' (6') | (2 SPF) | RED 5 |
| 4962'-4968' (6') | (2 SPF) | GREEN 1 |
| 4984'-4989' (5') | (2 SPF) | GREEN 1 |
| 4992'-4998' (6') | (2 SPF) | GREEN 1 |
| 5155'-5162' (7') | (2 SPF) | GREEN 4 |
| 5171'-5181' (10') | (2 SPF) | GREEN 4 |

← 277' KB

--- Uintah Formation @ Surface to 1400' ---

← Top of Cement @ 2510' from CBL

--- Green River Formation @ 1400' to 4100' ---

PERFORATION RECORD

| | | |
|----------------------------|---------|---------|
| 4710'-4717' (7') | (2 SPF) | RED 1 |
| 4840', 4844', 4848', 4850' | (1 SPF) | RED 5 |
| 4858', 4864' | (1 SPF) | RED 5 |
| 4962', 4968', 4984', 4988' | (1 SPF) | GREEN 1 |
| 4992', 4994', 4996', 4998' | (1 SPF) | GREEN 1 |
| 5155'-5162' (7') | (2 SPF) | GREEN 4 |
| 5171'-5181' (10') | (2 SPF) | GREEN 4 |

← Retrievable Csg Tension Packer @ 4645' KB

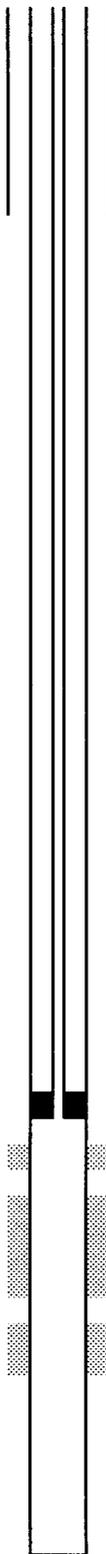
PROPOSED REPERFORATING

| | | |
|------------------|---------|---------|
| 4836'-4844' (8') | (2 SPF) | RED 5 |
| 4848'-4850' (2') | (2 SPF) | RED 5 |
| 4858'-4864' (6') | (2 SPF) | RED 5 |
| 4962'-4968' (6') | (2 SPF) | GREEN 1 |
| 4986'-4989' (3') | (2 SPF) | GREEN 1 |
| 4992'-4998' (6') | (2 SPF) | GREEN 1 |

--- Douglas Creek Member @ 4100' to 5350' ---

PBTD @ 5671' KB
 TD @ 5750' KB

--- Wasatch Formation Transition @ 5350' to 6000' ---
 --- Wasatch Formation @ 6000' ---



BALCRON MONUMENT FEDERAL #32-11J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SW NE Section 11, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-29-94/ks

Proposed Injection Well Completion Diagram

155

Elev.Gr @ 5577'
 Elev.KB @ 5587' (10' KB)

SURFACE CASING

8 5/8", J-55, 24 #
 Length @ 267.54'
 Hole Size @ 12 1/4"
 Depth Landed @ 275' KB
 Cemented w/150 sxs premium
 w/2% CCL & 1/4 # per sx Flocele.
 Good returns to surface.

PRODUCTION CASING

5 1/2", J-55, 15.5#
 Length @ 5765.96'
 Hole Size @ 7 7/8"
 Depth Landed @ 5774.96' KB
 Cemented w/231 sxs Hilift &
 tail w/351 sxs Class-G.
 TOC @ 1420' from CBL

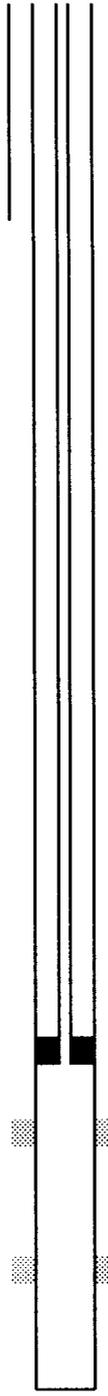
TUBING

2 7/8", 6.5#, J-55
 SN @ 2 7/8" x 1.1' (ID @ 2.25")
 SN Landed @ 4666' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4670' KB

Proposed Injection Horizons

| | | |
|-------------------|---------|---------|
| 4740'-4744' (4') | (2 SPF) | RED 1 |
| 5154'-5170' (16') | (2 SPF) | GREEN 3 |



← 275' KB

--- Uintah Formation @ Surface to 1400' ---
 ← Top of Cement @ 1420' from CBL

--- Green River Formation @ 1400' to 4100' ---

←←← Retrievable Csg Tension Packer @ 4670' KB

--- Douglas Creek Member @ 4100' to 5350' ---

PBTD @ 5711' KB
 TD @ 5800' KB

--- Wasatch Formation Transition @ 5350' to 6000' ---
 --- Wasatch Formation @ 6000' ---

PERFORATION RECORD

| | | |
|-------------------|---------|---------|
| 4740'-4744' (4) | (2 SPF) | RED 1 |
| 5154'-5170' (16') | (2 SPF) | GREEN 3 |

BALCRON MONUMENT FEDERAL #43-11J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 NE SE Section 11, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-28-94/ks

PROPOSED INJECTION WELL COMPLETION DIAGRAM

156

Elev. GL @ 5581'
 Elev. KB @ 5592' (11' KB)

****Re-entry of Walton Federal #43-11****

SURFACE CASING

8-5/8", 24#, J-55
 Hole Size @ 12-1/4"
 Depth Landed @ 282' KB
 Cemented w/ 190 sx Class G w/
 2% CaCl & 1/4#/sx Flocele.

PRODUCTION CASING

5-1/2", 15.5#, J-55
 Length @ 5243.2'
 Hole Size @ 7-7/8"
 Depth Landed @ 5251.2' KB
 Cemented w/ 272 sx Super G w/3% salt, 2%
 gel, tail w/180 sx 50/50 POZ w/2% gel
 & 1/4#/sx Celoflakes.
 TOC @ 2040' from CBL

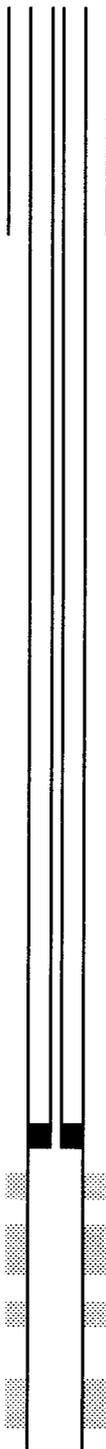
TUBING

2-7/8", 6.5#, J-55
 SN @ 2-7/8" x 1.1' (2.25" ID)
 SN Landed @ 4646' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4650' KB

Proposed Injection Horizons

| | | |
|------------------|-----------|--------|
| 4714'-4718' (4') | (1 SPF) | RED1 |
| 4854'-4857' (3') | (1 SPF) | RED5 |
| 4862'-4869' (7') | (4 Shots) | RED5 |
| 4998'-5002' (4') | (1 SPF) | GREEN1 |
| 5184'-5191' (7') | (1 SPF) | GREEN4 |



← 282' KB

--- Uintah Formation @ Surface to 1400' ---

←--- Top of Cement @ 2040' from CBL

--- Green River Formation @ 1400' to 4100' ---

←--- Retrievable Csg Tension Packer @ 4650' KB

PERFORATION RECORD

| | | |
|------------------|-----------|--------|
| 4714'-4718' (4') | (1 SPF) | RED1 |
| 4854'-4857' (3') | (1 SPF) | RED5 |
| 4862'-4869' (7') | (4 Shots) | RED5 |
| 4998'-5002' (4') | (1 SPF) | GREEN1 |
| 5184'-5191' (7') | (1 SPF) | GREEN4 |

PBTD @ 5221' KB

TD @ 5252' KB

--- Douglas Creek Member @ 4100' to 5350' ---

--- Wasatch Formation Transition @ 5350' to 6000' ---

--- Wasatch Formation @ 6000' ---

BALCRON MONUMENT FEDERAL #12-12J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 SW NW Section 12, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-5-94/ks

157

Proposed Injection Well Completion Diagram

Elev.GR @ 5542'
 Elev.KB @ 5552' KB (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 266.69'
 Depth Landed @ 277' KB
 Cemented w/150 sxs Class "G" w/2%
 CaCl, 1/4#/sx Celoflakes.
 Cemented to surface.
 Hole size @ 12-1/4".

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5768.59'
 Depth Landed @ 5777.59' KB.
 Cemented w/220 sxs Hyfill and
 tailed w/290 sxs 50-50 POZ.
 Cement top @ 4,185' from CBL.
 Hole size 7-7/8".

TUBING

2 7/8", 6.5#, J-55
 SN @ 2-7/8" x 1.1'(2.25" ID)
 SN Landed @ 4926' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4930' KB

Proposed Injection Horizons

| | |
|--------------------------|---------|
| 5029'- 5033'(4') 4 shots | GREEN 1 |
| 5225'- 5229'(4') 4 shots | GREEN 4 |
| 5237'- 5244'(7') 7 shots | GREEN 4 |



<--- 277' KB

--- Uintah Formation @ Surface to 1400' ---

--- Green River Formation @ 1400' to 4100' ---
 <----- Top of Cement @ 4185' from CBL

<----- Retrievable Csg Tension Packer @ 4930' KB

PERFORATION RECORD

| | |
|--------------------------|---------|
| 5029'- 5033'(4') 4 shots | GREEN 1 |
| 5225'- 5229'(4') 4 shots | GREEN 4 |
| 5237'- 5244'(7') 7 shots | GREEN 4 |

--- Douglas Creek Member @ 4100' to 5350' ---

PBTD @ 5732'KB
 TD @ 5800'KB

--- Wasatch Formation Transition @ 5350' to 6000' ---
 --- Wasatch Formation @ 6000' ---

BALCRON MONUMENT FEDERAL #14-12J
 Jonah Unit/Monument Butte Field
 Lease No. U-035521-A
 SW SW Section 12, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-6-94/ks

158

Proposed Injection Well Completion Diagram

Elev. Gr @ 5487'
 Elev. KB @ 5497'

SURFACE CASING

8-5/8", J-55, 24 #
 Length @ 271.17'
 Hole size @ 12-1/4"
 Depth landed @ 279' KB
 Cemented w/150 sxs Class "G"
 w/2% CCL & 1/4#/sx Flocele
 Good returns, 4 BBLS crmt back to pit.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5718.17'
 Hole size @ 7-7/8"
 Depth landed @ 5727.17' KB
 Cemented w/220 sxs lead cement & tail
 w/260 sxs 50-50 POZ w/additives.
 TOC Unknown - CBL Log run

TUBING

2-7/8", 6.5#, J-55
 SN @ 2-7/8" x 1.1' (2.25" ID)
 SN landed @ 4986' KB

Retrievable Csg Tension Packers:
 Arrow S-1 Tandem Tension Landed @ 4020' KB
 Arrow Set-1 Landed @ 4990' KB

Proposed Injection Horizons

5070'-5078' (8') (2 SPF) GREEN4

NOTE: The YELLOW3 and YELLOW5 zones will not be used for injection. These zones will be isolated by the packers.



←←← 279' KB

--- Uintah Formation @ Surface to 1400' ---

←←← Retrievable Tandem Tension Packer @ 4020' KB
 --- Green River Formation @ 1400' to 4100' ---

PERFORATION RECORD

| Interval | Holes | Formation |
|------------------|-----------|-----------|
| 4097'-4104' (7') | (5 holes) | YELLOW3 |
| 4299'-4308' (9') | (6 holes) | YELLOW5 |
| 5070'-5078' (8') | (2 SPF) | GREEN4 |

←←← Retrievable Csg Tension Packer @ 4990' KB

--- Douglas Creek Member @ 4100' to 5350' ---

PBTD @ 5667.95' KB
 TD @ 5750' KB

--- Wasatch Formation Transition @ 5350' to 6000' ---
 --- Wasatch Formation @ 6000' ---

BALCRON MONUMENT FEDERAL #32-12J
Jonah Unit/Monument Butte Field
Lease No. U-035521
SW NE Section 12, T9S, R16E
Duchesne County, Utah

BALCRON OIL
7-6-94/ks

Proposed Injection Well Completion Diagram

Elev. @ GL = 5417', KB = 5427' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
Length @ 255.30'
Hole size @ 12-1/4".
Depth Landed @ 263' KB
Cemented w/160 sacks "G" w/
2% CCL & 1/4 lbs/sack Celoflakes.
Cemented to surface.

PRODUCTION CASING

5-1/2", 15.5#, K-55
Length @ 5787.96'
Hole size @ 7-7/8".
Depth Landed @ 5796.96' KB
Cemented w/238 sacks Thrifty-Lite and
tailed w/250 sacks 50-50 POZ.
Cement top @ 933' per CBL

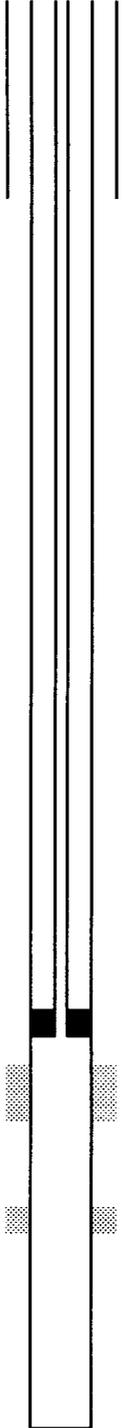
TUBING

2-7/8", 6.5#, J-55
SN @ 2-7/8" x 1.10' (2.25" ID)
SN landed @ 4716' KB

Retrievable Csg Tension Packer
Model: Arrow Set-1
Landed @ 4720' KB

Proposed Injection Horizons

4790'-4798' (8 holes) RED5
4934'-4938' (7 holes) GREEN1



<--- 263' KB

<----Top of Cement @ 933' from CBL

-- Uintah Formation @ Surface to 1400' --

-- Green River Formation @ 1400' to 4100' --

<---- Retrievable Csg Tension Packer @ 4720' KB

-- Douglas Creek Member @ 4100' to 5350' --

PBTD @ 5751.65' KB
TD @ 5,800' KB

-- Wasatch Formation Transition @ 5350' to 6000' --
-- Wasatch Formation @ 6000' --

PERFORATION RECORD

4790'-4798' (8 holes) RED5
4934'-4938' (7 holes) GREEN1

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C&O GOVT #4
Jonah Unit/Monument Butte Field
Lease No. U-035521-A
NE SW Sec.12,T9S,R16E
Duchesne County,Utah

BALCRON OIL
7-6-94/ks

Proposed Injection Well Completion Diagram

Elev.Gr @ 5450'
Elev.KB @ 5462' (12' KB)

SURFACE CASING

8-5/8", 24#, J-55
Length @ (not given)
Hole size @ 12-1/4"
Depth landed @ 292' KB
Cemented with 241 cu. ft. Class "G"
w/ 2% CaCl
Good returns throughout.

PRODUCTION CASING

5-1/2", 15.5#, K-55
Length @ (not given)
Hole size @ 7-7/8"
Depth landed @ 5345' KB
Cemented w/633 cu. ft. Hi-Lift slurry,
plus 338 cu. ft. RFC slurry

TUBING

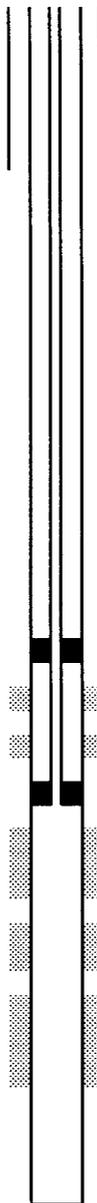
2-7/8", 6.5#, J-55
SN @ 2-7/8" x 1.1" (2.25" ID)
SN landed @ 4676' KB

Retrievable Csg Tension Packers:
Arrow S-1 Tandem Tension Landed @ 4035' KB
Arrow Set-1 Landed @ 4680' KB

Proposed Injection Horizons

| | | |
|-----------------------|------------|--------|
| 4750'-4774' (24') | (24 shots) | RED5 |
| 4908'-4923.5' (15.5') | (22 shots) | GREEN1 |
| 5096'-5141' (45') | (18 shots) | GREEN4 |

NOTE: The YELLOW2 and YELLOW5 zones will not be used for injection. These zones will be isolated by the two packers.



<--- 292' KB

--- Uintah Formation @ Surface to 1400' ---

<--- Retrievable Tandem Tension Packer @ 4035' KB

--- Green River Formation @ 1400' to 4100' ---

<--- Retrievable Csg Tension Packer @ 4680' KB

PERFORATION RECORD

| | | |
|-----------------------|------------|---------|
| 4107'-4114' (7') | (8 shots) | YELLOW2 |
| 4330'-4337' (7') | (8 shots) | YELLOW5 |
| 4750'-4774' (24') | (24 shots) | RED5 |
| 4908'-4923.5' (15.5') | (22 shots) | GREEN1 |
| 5096'-5141' (45') | (18 shots) | GREEN4 |

PBTD @ 5305' KB

TD @ 5345' KB

--- Douglas Creek Member @ 4100' to 5350' ---

--- Wasatch Formation Transition @ 5350' to 6000' ---

--- Wasatch Formation @ 6000' ---

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BALCRON MONUMENT FEDERAL #21-14J
Jonah Unit/Monument Butte Field
Lease No. U-096547
NE NW Section 14, T9S, R16E
Duchesne County, Utah

BALCRON OIL
7-6-94/ks

Proposed Injection Well Completion Diagram

Elev. GL @ 5592'
Elev. KB @ 5602' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
Length @ 248.40'
Landed @ 256' KB
Cemented w/150 sacks "G" w/2% CCL &
1/4# per sack Celloflakes.
Cemented to surface.
Hole Size @ 12-1/4".

PRODUCTION CASING

5-1/2", 15.5#, K-55
Length @ 5723.57'.
Landed @ 5732.57' KB
Cemented w/160 sacks Thrifty-Lite &
tail w/270 sacks 50-50 POZ.
Cement top @ 2075' per CBL.
Hole size 7-7/8".

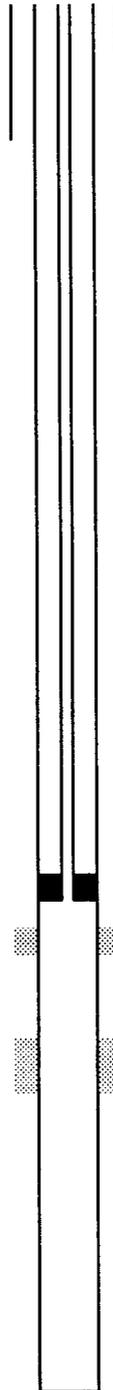
TUBING

2-7/8", 6.5#, J-55
S.N. @ 2-7/8" x 1.10' (2.25" ID)
SN landed @ 4526' KB

Retrievable Csg Tension Packer
Model: Arrow Set-1
Landed @ 4530' KB

Proposed Injection Horizons

| | | |
|-------------------|---------|--------|
| 4608'-4612' (4') | (4 SPF) | RED1 |
| 5057'-5068' (11') | (4 SPF) | GREEN4 |



← 256' KB

-- Uintah Formation @ Surface to 1400' --

← Top of Cement @ 2075' from CBL

-- Green River Formation @ 1400' to 4100' --

← Retrievable Csg Tension Packer @ 4530' KB

PERFORATION RECORD

| | | |
|-------------------|---------|--------|
| 4608'-4612' (4') | (4 SPF) | RED1 |
| 5057'-5068' (11') | (4 SPF) | GREEN4 |

-- Douglas Creek Member @ 4100' to 5350' --

PBTD @ 5688' KB
TD @ 5750' KB

-- Wasatch Formation Transition @ 5350' to 6000' --
-- Wasatch Formation @ 6000' --

Balcron Monument Federal #41-14J
 Jonah Unit/Monument Butte Field
 Lease No. U-096550
 NE NE Section 14, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-6-94/ks

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Proposed Injection Well Completion Diagram

Elev.Gr @ 5529'
 Elev.KB @ 5539' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 271.04'
 Hole size @ 12-1/4"
 Depth landed @ 279' KB
 Cemented w/150 sxs Class "G" w/
 2% CCL, 1/4#/sx Celoflake.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5637.81'
 Hole size @ 7-7/8"
 Depth landed @ 5646.81' KB
 Cemented w/225 sxs Hiilift tailed
 w/ 261 sxs Class "G".
 TOC @ 1355' (Calculated)

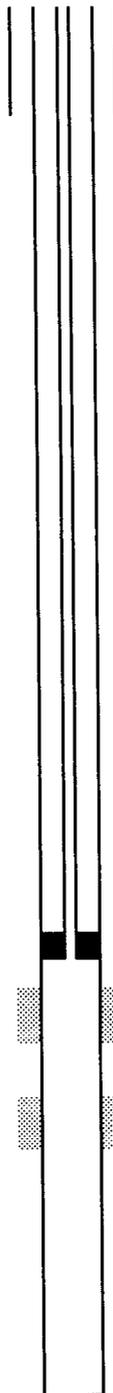
TUBING

2-7/8", 6.5 #, J-55
 SN @ 2-7/8" x 1.15' (2.25" ID)
 SN landed @ 4646' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4650' KB

Proposed Injection Horizons

| | | |
|------------------|---------|--------|
| 4724'-4730' (6') | (2 SPF) | RED5 |
| 4732'-4737' (5') | (2 SPF) | RED5 |
| 5043'-5052' (9') | (2 SPF) | GREEN4 |



← 279' KB

← Top of Cement @ 1355' (Calculated)
 --- Uintah Formation @ Surface to 1400' ---

--- Green River Formation @ 1400' to 4100' ---

← Retrievable Csg Tension Packer @ 4650' KB

PERFORATION RECORD

| | | |
|------------------|---------|--------|
| 4724'-4730' (6') | (2 SPF) | RED5 |
| 4732'-4737' (5') | (2 SPF) | RED5 |
| 5043'-5052' (9') | (2 SPF) | GREEN4 |

--- Douglas Creek Member @ 4100' to 5350' ---

PBTD @ 5600.01' KB
 TD @ 5692' KB

--- Wasatch Formation Transition @ 5350' to 6000' ---
 --- Wasatch Formation @ 6000' ---

BALCRON MONUMENT FEDERAL #23-15J
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 NE SW Section 15, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-7-94/ks

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Proposed Injection Well Completion Diagram

Elev.Gr @ 5828'
 Elev.KB @ 5838' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 270.52'
 Hole size @ 12-1/4"
 Depth landed @ 278.25' KB
 Cemented w/150 sxs Class "G" w/3% CCL &
 1/4#/sx Celloseal. Cmt'd to surface
 w/ good returns.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5666.71'
 Hole size @ 7-7/8"
 Depth landed @ 5675.71' KB
 Cemented w/100 sxs Hifill & tail
 w/250 sxs 50-50 POZ
 TOC @ 2490' KB

TUBING

2-7/8", 6.5#, J-55
 SN @ 2-7/8" x 1.1'
 SN landed @ 4581' KB

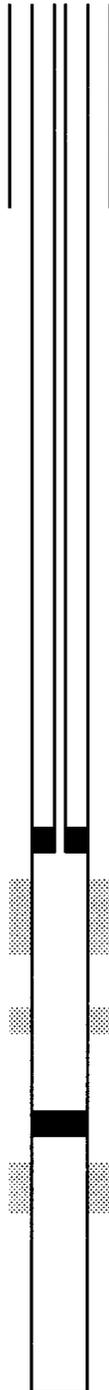
Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4585' KB

CIBP set @ 5160' KB

Proposed Injection Horizons

| Horizon | SPF | Zone |
|------------------|---------|-------|
| 4645'-4649' (4') | (2 SPF) | RED 1 |
| 4653'-4655' (2') | (2 SPF) | RED 1 |
| 4666'-4672' (6') | (2 SPF) | RED 1 |
| 4803'-4808' (5') | (1 SPF) | RED 5 |

NOTE: The GREEN6 zone will not
 be used for injection. It will be
 isolated by a CIBP @ 5160' KB.



<--- 278.52' KB

--- Uintah Formation @ Surface to 1400' ---

<--- Top of Cement @ 2490' from CBL
 (Top of good bonding @ 2665')

--- Green River Formation @ 1400' to 4100' ---

<--- Retrievable Csg Tension Packer @ 4585' KB

PERFORATION RECORD

| Horizon | SPF | Zone |
|----------------------|-----------|---------|
| 4645'-4649' (4') | (3 Holes) | RED 1 |
| 4653'-4655' (2') | (2 Holes) | RED 1 |
| 4666'-4672' (6') | (4 Holes) | RED 1 |
| 4803'-4808' (5') | (1 SPF) | RED 5 |
| 5216'-5220' (4') | (2 SPF) | GREEN 6 |
| ** 5212'-5222' (10') | (4 SPF) | GREEN 6 |

** Above is re-perforation of zone.
 Original zone would not breakdown.

<--- CIBP @ 5160' KB

--- Douglas Creek Member @ 4100' to 5350' ---

PROPOSED REPERFORATING

| Horizon | SPF | Zone |
|------------------|---------|-------|
| 4645'-4649' (4') | (2 SPF) | RED 1 |
| 4653'-4655' (2') | (2 SPF) | RED 1 |
| 4666'-4672' (6') | (2 SPF) | RED 1 |

PBTD @ 5625' KB
 TD @ 5700' KB

--- Wasatch Formation Transition @ 5350' to 6000' ---
 --- Wasatch Formation @ 6000' ---

BALCRON MONUMENT FEDERAL #32-15J
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 SW NE Section 15, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-7-94/ks

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Proposed Injection Well Completion Diagram

Elev.Gr @ 5681'
 Elev.KB @ 5691' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 268.89'
 Hole size @ 12-1/4"
 Depth landed 276.69' KB
 Cemented w/150 sxs Class "G", 2%
 CaCl & 1/4#/sx Celloseal
 5 BBLs cement to pit.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5608.14'
 Hole size @ 7-7/8"
 Depth landed @ 5612.14' KB
 Cemented w/113 sxs Hilift & tail
 w/249 sxs Class "G" w/additives
 TOC @ 3100' from CBL

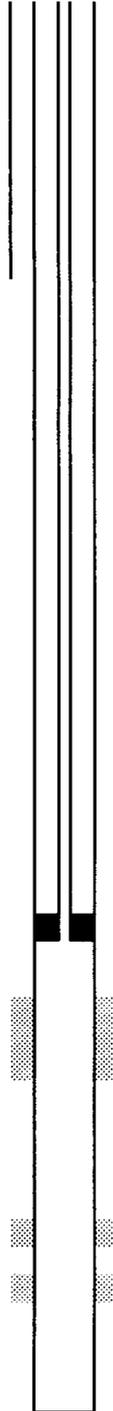
TUBING

2-7/8", 6.5#, J-55
 SN @ 2-7/8"
 SN landed @ 4621' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4625' KB

Proposed Injection Horizons

| | | |
|----------------|---------|--------|
| 4718'-20' (2') | (2 SPF) | RED 5 |
| 4726'-31' (5') | (2 SPF) | RED 5 |
| 4733'-36' (3') | (2 SPF) | RED 5 |
| 5454'-56' (2') | (4 SPF) | BLUE 1 |
| 5496'-98' (2') | (4 SPF) | |



<-- 276.69' KB

-- Uintah Formation @ Surface to 1400' --

<---- Top of Cement @ 3100' from CBL

-- Green River Formation @ 1400' to 4100' --

<---- Retrievable Csg Tension Packer @ 4625' KB

PERFORATION RECORD

| | | |
|----------------|---------|--------|
| 4718'-20' (2') | (2 SPF) | RED 5 |
| 4726'-31' (5') | (2 SPF) | RED 5 |
| 4733'-36' (3') | (2 SPF) | RED 5 |
| 5454'-56' (2') | (4 SPF) | BLUE 1 |
| 5496'-98' (2') | (4 SPF) | |

-- Douglas Creek Member @ 4100' to 5350' --

PBTB @ 5556' KB
 TD @ 5610' KB

-- Wasatch Formation Transition @ 5350' to 6000' --
 -- Wasatch Formation @ 6000' --

BALCRON MONUMENT FEDERAL #41-15J
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 NE NE Section 15, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-7-94/ks

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Proposed Injection Well Completion Diagram

Elev.Gr @ 5715'
 Elev.KB @ 5725 (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 270.26'
 Hole size @ 12-1/4"
 Depth landed @ 277' KB
 Cemented w/ 150 sxs Class "G" w/ 2% CaCl
 & 1/4#/sx Flocele. Cmt to surface w/
 good returns. 4-5 BBLS cement back.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5691.06'
 Hole size @ 7-7/8"
 Depth landed @ 5703.06' KB
 Cemented w/115 sxs Hilite "G" w/ 12% D20, 1%
 D79, 1/4 sx D112, 5% D44, 2% D46, 1/4 sx D29.
 Tail w/275 sx Class "G" w/ 6% D60, 2% D136.
 TOC @ 2845' from CBL

TUBING

2-7/8", 6.5#, J-55
 SN @ 2-7/8" x 1.1' (2.25" ID)
 SN landed @ 4896' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4900' KB

Proposed Injection Horizons

| | | |
|-------------------|------------|---------|
| 4985'-4992' (7') | (2 SPF) | GREEN 1 |
| 5554'-5572' (18') | (10 Holes) | BLUE 1 |
| 5604'-5614' (10') | (6 Holes) | BLUE 2 |



<--- 277' KB

--- Uintah Formation @ Surface to 1400' ---

<---- Top of Cement @ 2845' from CBL

--- Green River Formation @ 1400' to 4100' ---

<---- Retrievable Csg Tension Packer @ 4900' KB

--- Douglas Creek Member @ 4100' to 5350' ---

PERFORATION RECORD

| | | |
|-------------------|------------|---------|
| 4985'-4992' (7') | (2 SPF) | GREEN 1 |
| 5554'-5572' (18') | (10 Holes) | BLUE 1 |
| 5604'-5614' (10') | (6 Holes) | BLUE 2 |

PBTD @ 5657.48' KB
 TD @ 5716' KB

--- Wasatch Formation Transition @ 5350' to 6000' ---

--- Wasatch Formation @ 6000' ---

Exhibit - D
Supply And Produced Water Analysis

WATER ANALYSIS REPORT

Company BALCRON
Address
Field/Lease: Jonah Unit Waterflood
Source Water After Chemical
Report For: JOHN ZELLETTI
cc
cc
cc
Service Engineer: BARRY CULPEPPER

Project # 940094
Date Sampled 2/10/94
Date Received 2/10/94
Date Reported 2/18/94

| CHEMICAL COMPONENT | JONAH UNIT |
|---------------------|------------|
| CHLORIDE (mg/l) | 300 |
| SULFATE (mg/l) | 313 |
| CARBONATE (mg/l) | 60 |
| BICARBONATE (mg/l) | 305 |
| CALCIUM (mg/l) | 80 |
| MAGNESIUM (mg/l) | 40.0 |
| IRON (mg/l) | 1 |
| BARIUM (mg/l) | |
| STRONTIUM (mg/l) | |
| SODIUM (mg/l) | 322 |
| pH | 7.2 |
| IONIC STRENGTH | 0.03 |
| SPECIFIC GRAVITY | 1.000 |
| SI@20C (68F) | -0.11 |
| SI@25C (77F) | 0.03 |
| SI@30C (86F) | 0.18 |
| SI@40C (104F) | 0.41 |
| SI@50C (122F) | 0.57 |
| SI@60C (140F) | 0.79 |
| SI@70C (158F) | 0.98 |
| SI@80C (176F) | 1.10 |
| SI@90C (194F) | 1.29 |
| TDS (mg/l) | 1429 |
| TEMPERATURE (F) | |
| DISSOLVED CO2 (ppm) | 0 |
| DISSOLVED H2S (ppm) | 0 |
| DISSOLVED O2 (ppm) | |



2060 SOUTH 1500 EAST
VERNAL, UTAH 84078

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Telephone (801) 789-4327

EXHIBIT "D"
WATER ANALYSIS REPORT

Report for: John Zelletti
cc for: Steve Hanberg
cc for:
cc for:
Company: Balcron Oil
Address: Billings Montana
Service Engineer: Mike Angus
Date Sampled: 7-14-92
Date Reported: 7-15-92
Location: Allen Federal 23-b
County: Duchesne County
State: - Utah
Submitted by: Mike Angus
Other Info: - Produced water sample

| Chemical Component | mg per liter | meq per liter |
|---------------------------------------|--------------|---------------|
| Chloride (Cl) = | 1400. | 394.9 |
| Iron (Fe) = | 1.9 | |
| Total Hardness (CaCO ₃) = | 50. | |
| Calcium (Ca) = | 24. | 1.2 |
| Magnesium (Mg) = | 5. | 0.4 |
| Bicarbonate (HCO ₃) = | 171. | 2.5 |
| Carbonate (CO ₃) = | 30. | 1.0 |
| Sulfate (SO ₄) = | 1. | 0.0 |
| Hydrogen Sulfide (H ₂ S) = | 1.7 | |
| Barium (Ba) = | Negligible | |
| Sodium (Na) (calc.) = | 9129. | 397.1 |
| Specific Gravity = | 1.016 | |
| Density (lb/gal) = | 8.46 | |
| pH (by meter) = | 9.2 | |
| Dissolved CO ₂ (mg/l) = | 0. | |

OTHER DESCRIPTION, REMARKS AND RECOMMENDATIONS

Scaling Index at 65 degrees F = +0.25
Scaling Index at 86 degrees F = +0.48
Scaling Index at 122 degrees F = +0.90
Scaling Index at 155 degrees F = +1.49

Total dissolved solids (calculated) = 23360. mg per liter

Reported by William Curry Lab Technician
William Curry

Exhibit - E
Jonah Unit Waterflood Phase II Expansion
Injection Well Pressure Analogy To
Section-6 Injection Wells

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| <u>Well Name</u> | <u>Location/Rate/Pressure</u> |
|-------------------------------|--|
| 1) Allen Federal #1-6 | SE SE Sec.6, T9S, R17E 116 STBWPD @ 1735 psig |
| 2) Balcron Monument Fed #11-6 | NW NW Sec.6, T9S, R17E 247 STBWPD @ 1850 psig |
| 3) Allen Federal #13-6 | NW SW Sec.6, T9S, R17E 207 STBWPD @ 1484 psig |
| 4) Allen Federal #22-6 | SE NW Sec.6, T9S, R17E 185 STBWPD @ 1956 psig |
| 5) Balcron Monument Fed #24-6 | SE SW Sec.6, T9S, R17E 183 STBWPD @ 1927 psig |
| 6) Allen Federal #31-6 | NW NE Sec.6, T9S, R17E 136 STBWPD @ 1839 psig |
| 7) Balcron Monument Fed #33-6 | NW SE Sec.6, T9S, R17E 139 STBWPD @ 1927 psig |
| 8) Balcron Monument Fed #42-6 | SE NE Sec.6, T9S, R17E 166 STBWPD @ 1763 psig |

Average injection rate of 172 STBWPD/well during June 1994.

Average injection pressure of 1810 psig during June 1994.

Exhibit - F
Jonah Unit Waterflood
Fracture Pressure Data

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| Well Name | Average Rate (BPM) | Average Pressure (PSIG) | Maximum Pressure (PSIG) | Initial Shut In Pressure (PSIG) | Average Depth (FEET) | Fracture Gradient (PSIG/FT) |
|----------------------|--------------------|-------------------------|-------------------------|---------------------------------|----------------------|-----------------------------|
| ALLEN FEDERAL #12-6 | 20.0 | 1800 | 2200 | 1800 | 4314 | 0.86 |
| | 20.0 | 1950 | 2150 | 1950 | 4841 | 0.84 |
| | 20.0 | 1800 | 2700 | 2070 | 5290 | 0.83 |
| | 15.0 | 1700 | 2400 | 1930 | 5670 | 0.78 |
| ALLEN FEDERAL #21-6 | 15.8 | 2100 | 2600 | 2200 | 5201 | 0.86 |
| | 31.0 | 2100 | 2300 | 2100 | 5338 | 0.83 |
| ALLEN FEDERAL #23-6 | 20.0 | 1800 | 1875 | 1800 | 4800 | 0.81 |
| | 20.0 | 2000 | 2050 | 2000 | 4899 | 0.85 |
| | 20.0 | 1975 | 2200 | 1950 | 5252 | 0.81 |
| ALLEN FEDERAL #32-6 | 55.0 | 2200 | 2950 | 2010 | 4268 | 0.91 |
| | 34.0 | 2400 | 2600 | 2000 | 5083 | 0.83 |
| ALLEN FEDERAL #34-6 | 30.0 | 2000 | 2180 | 1960 | 4702 | 0.86 |
| | 31.2 | 1900 | 2150 | 1710 | 4874 | 0.79 |
| | 35.0 | 2400 | 2580 | 2190 | 5196 | 0.86 |
| ALLEN FEDERAL #41-6 | 32.0 | 2100 | 2630 | 2400 | 4300 | 0.99 |
| | 25.0 | 2000 | 2600 | 2000 | 4757 | 0.86 |
| | 25.0 | 1600 | 2000 | 1700 | 4925 | 0.78 |
| | 18.0 | 3700 | 4400 | 1850 | 5065 | 0.80 |
| ALLEN FEDERAL #43-6 | 17.0 | 2000 | 4000 | 4000 | 5248 | 1.20 |
| | 30.0 | 3000 | 3100 | 1950 | 4704 | 0.85 |
| | 15.0 | 2000 | 2500 | 2050 | 4832 | 0.86 |
| ALLEN FEDERAL #12-5 | 31.0 | 2200 | 2500 | 1900 | 5173 | 0.81 |
| | 20.0 | 1850 | 2050 | 1800 | 4177 | 0.87 |
| | 25.0 | 1800 | 2400 | 1850 | 4852 | 0.82 |
| | 10.0 | 4600 | 6000 | 3400 | 5014 | 1.12 |
| ALLEN FEDERAL #21-5 | 20.2 | 1950 | 2250 | 1960 | 5153 | 0.82 |
| | 15.0 | 1900 | 2400 | 2100 | 4203 | 0.94 |
| | 15.0 | 1700 | 2300 | 2100 | 4817 | 0.87 |
| | 15.0 | 1900 | 2300 | 2300 | 5083 | 0.89 |
| MONUMENT BUTTE #1-43 | 15.0 | 1500 | 2050 | 1900 | 5250 | 0.80 |
| | 18.5 | 2300 | 3700 | 2900 | 5918 | 0.93 |
| | 35.0 | 2040 | 2240 | 2010 | 5066 | 0.78 |
| ALLEN FEDERAL #13-6 | 25.0 | 1850 | 2800 | 2200 | 4756 | 0.90 |
| | 21.5 | 2400 | 2840 | 2280 | 5060 | 0.89 |
| ALLEN FEDERAL #22-6 | 30.0 | 1960 | 2870 | 1750 | 4917 | 0.79 |
| | 28.0 | 2600 | 3040 | 2450 | 5195 | 0.91 |
| | 21.0 | 2350 | 2540 | 2000 | 5273 | 0.82 |
| ALLEN FEDERAL #31-6 | 22.5 | 3400 | 6000 | 2100 | 5053 | 0.85 |
| | 25.0 | 3500 | 5500 | 2100 | 5245 | 0.84 |
| ALLEN FEDERAL #1-6 | 56.0 | 3400 | ? | 1700 | 4657 | 0.80 |
| ALLEN FEDERAL #1A-5 | 56.5 | 3850 | ? | 1650 | 4726 | 0.79 |

Note: Fracture Gradient = (ISIP + 0.43836 psig/ft * Depth) / Depth
The hydrostatic head is calculated using 2% KCl water which was used as the displacing fluid after the frac.

Average Fracture Gradient = 0.861 psig/ft.

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Exhibit - G
Step Rate Injection Test

EXHIBIT "G"

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Allen Federal #13-6
 NW SW Sec.6,T9S,R17E
 Lease No.U-020252A
 Monument Butte Field
 Duchesne Co., Utah

Step Rate Injection Test

Jan.6,1993

| Injection Rate (STBPM) | Starting Time (PM) | Volume Pumped (STB) | Surface Pressure At Start (PSIG) | Surface Stabilized Pressure (PSIG) | Down Hole Stabilized Pressure From Bomb Set @ 4781' GL. (PSIG) |
|------------------------|--------------------|---------------------|----------------------------------|------------------------------------|--|
| 0.25 | 4:25 | 7.5 | 200 | 400 | 2454 |
| 0.50 | 4:55 | 15.0 | 600 | 1350 | 3216 |
| 0.75 | 5:25 | 22.5 | 1400 | 1650 | 3558 |
| 1.00 | 5:55 | 30.0 | 1750 | 1900 | 3772 |
| 1.25 | 6:25 | 37.5 | 2000 | 2100 | 3886 |
| 1.50 | 6:55 | 45.0 | 2200 | 2250 | 3952 |
| 1.75 | 7:25 | 52.5 | 2400 | 2300 | 4004 |
| 2.00 | 7:55 | 60.0 | 2400 | 2400 | 4059 |
| 2.50 | 8:25 | 75.0 | 2600 | 2600 | 4110 |

Shut Down @ 8:55 PM

ISIP @ 2000 psig, 5 min @ 1800 psig, 10 min @ 1700 psig, 15 min @ 1600 psig.

Total volume pumped @ 345 STBW in 4.5 hours.

Step rate injection test pumped by the Western Company out of Vernal, Utah.

Added 6.0 lbs biocide per 500 gal fresh water and 1.0 gal claytreat per 1000 gal fresh water.

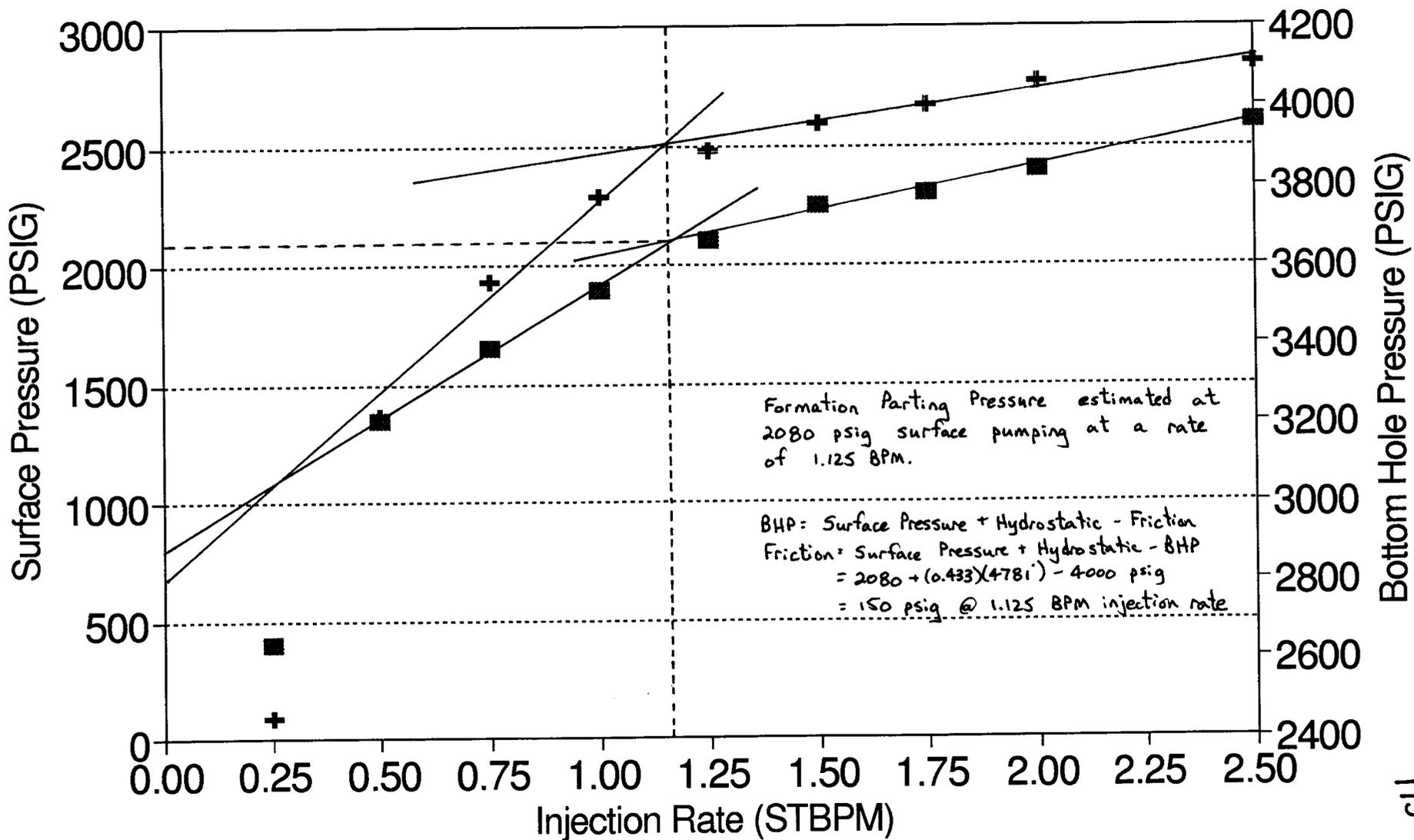
Note: Loaded tubing & backed injection rate off to 1/8 STBPM, well showed zero tubing pressure at this rate, increased rate to 1/4 STBPM.

Perforated Interval @ 4910'-4930' KB w/bottom of packer set @ 4791' KB.

Seating nipple set @ 4784' KB (10' KB).

Seven foot pressure bomb recorder set @ 4781' GL.

Step Rate Injection Test Allen Federal #13-6



Surface Pressure
 BHP

NOTE: Friction pressure includes that of 2 3/8" tubing and friction across the pressure bomb and no-go hung off in the seating nipple.



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

August 15, 1994

Celsius Energy Company
1125 17th Street, Suite 2240
Denver, CO 80202

Attention: Mr. J. B. Neese, Division Landman

Re: Application for Injection Well (UIC Form I)

Balcron Monument Federal #23-15J / NESW of 15, T9S-R16E
Duchesne County, Utah

Dear Mr. Neese:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the Jonah Unit, is required to send a copy of UIC Form I to all operators, owners and surface owners within a one-half mile radius of the captioned well.

Attached is a copy of our Application for Injection Well (UIC Form I). Celsius has an interest in State of Utah Mineral Lease #ML-16532. Please allow this letter to serve as notification of our intentions to use the captioned well as an injection well within the confines of the Jonah Unit.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,


D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Jonah Unit Correspondence file
BMF #23-15J file



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

August 15, 1994

Lomax Exploration Company
77 West, 200 South, Suite 402
Salt Lake City, UT 84101

Attn: Mr. Bill Pennington, President

RE: Application for Injection Well (UIC Form 1)
C & O Government # 4 / NESW of 12, T9S-R16E
Balcron Monument Federal #14-12J / SWSW of 12, T9S-R16E

Duchesne County, Utah

Dear Mr. Pennington:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the Jonah Unit, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the captioned wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). Lomax Exploration Company has an interest in Federal lease # U-15855. Please allow this letter to serve as notification of our intentions to use the captioned wells as injection wells within the confines of the Jonah Unit.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Jonah Unit Correspondence File
Individual Well Files



1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

August 15, 1994

Texaco E&P Company
P.O. Box #2100
Denver, Co 80201

Attention: Mr. Robin Backstrom

RE: Application for Injection Well (UIC Form I)
Balcron Monument Federal #43-11J NESE of 11, T9S-R16E
C & O Government #4 NESW of 12, T9S-R16E
Balcron Monument Federal #14-12J SWSW of 12 T9S-R16E
Balcron Monument Federal #32-12J SWNE of 12, T9S-R16E
Balcron Monument Federal #41-14J NENE of 14, T9S-R16E
Duchesne County, Utah

Dear Mr. Backstrom:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the Jonah Unit, is required to send a copy of UIC Form I to all owners, operators and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form I). Texaco E & P Inc. has an interest in Federal lease #U-44426 which is within the one-half mile radius of our proposed injection wells. Please allow this letter to serve as notification of our intentions to use the captioned wells as injection wells. All five of these proposed injection wells fall within the Jonah Unit boundary.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,


D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Jonah Unit file
Well files



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

August 15, 1994

PG&E Resources Corporation
6688 North Central Expressway
Dallas, Texas 75206
Attn: Jerry Anderson, District Landman

RE: Application for Injection Well (UIC Form 1)
Balcron Monument Federal #12-11J / SWNW of 11, T9S-R16E
Balcron Monument Federal #32-11J / SWNE of 11, T9S-R16E
Balcron Monument Federal #12-12J / SWNW of 12, T9S-R16E
Duchesne County, Utah

Dear Mr. Anderson:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the Jonah Unit, is required to send a copy of UIC Form 1 to all operators, owners and surface owners within a one-half mile radius of the captioned wells.

Attached is a copy of our Application for Injection Well (UIC Form 1). PG&E has an interest in State of Utah mineral lease # ML-21839. Please allow this letter to serve as notification of our intentions to use the captioned wells as injection wells within the confines of the Jonah Unit.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,


D. Gary Kabeary, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Jonah Unit Correspondence File
Individual Well Files



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

August 15, 1994

State of Utah
Division of Oil, Gas and Mining
#3, Triad Center, Suite #350
Salt Lake City, Utah 84180-1203

Attention: Mr. Ronald J. Firth

RE: Application for Injection Well (UIC Form I)
Balcron Monument Federal #12-11J SWNW of 11, T9S-R16E
Balcron Monument Federal #32-11J SWNE of 11 T9S-R16E
Balcron Monument Federal #12-12J SWNW of 12, T9S-R16E
Balcron Monument Federal #23-15J NESW of 15, T9S-R16E
Duchesne County, Utah

Dear Mr. Firth:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the Jonah Unit, is required to send a copy of UIC Form I to all owners, operators and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form I). The State of Utah has an interest in State of Utah mineral leases #ML-21839 and ML-16532 which are within the one-half mile radius of our proposed injection wells. Please allow this letter to serve as notification of our intentions to use the captioned wells as injection wells. All four of these proposed injection wells fall within the Jonah Unit boundary.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,

D. Gary Kabearny, CPL/ESA
Senior Landman

attachment

cc: Bobbie Schuman
Jonah Unit file
Well files

AFFIDAVIT

COUNTY OF YELLOWSTONE)

STATE OF MONTANA)

D. Gary Kabeary, Senior Landman for Equitable Resources Energy Company, Balcron Oil Division, being first duly sworn on oath, deposes and says that on the 16th day of August 1994 he did cause to be mailed to all operators, owners and surface owners within a one-half mile radius of the proposed injection wells listed below, a copy of the State Application for Injection Well (UIC Form 1).

| | | |
|----------------------------------|-------------|----------|
| Balcron Monument Federal #34-10J | SWSE of 10, | T9S-R16E |
| Balcron Monument Federal #12-11J | SWNW of 11, | T9S-R16E |
| Balcron Monument Federal #14-11J | SWSW of 11, | T9S-R16E |
| Balcron Monument Federal #23-11J | NESW of 11, | T9S-R16E |
| Balcron Monument Federal #32-11J | SWNE of 11, | T9S-R16E |
| Balcron Monument Federal #34-11J | SWSE of 11, | T9S-R16E |
| Balcron Monument Federal #43-11J | NESE of 11, | T9S-R16E |
| Balcron Monument Federal #12-12J | SWNW of 12, | T9S-R16E |
| Balcron Monument Federal #14-12J | SWSW of 12, | T9S-R16E |
| Balcron Monument Federal #32-12J | SWNE of 12, | T9S-R16E |
| Balcron Monument Federal #21-14J | NENW of 14, | T9S-R16E |
| Balcron Monument Federal #41-14J | NENE of 14, | T9S-R16E |
| Balcron Monument Federal #23-15J | NESW of 15, | T9S-R16E |
| Balcron Monument Federal #32-15J | SWNE of 15, | T9S-R16E |
| Balcron Monument Federal #41-15J | NENE of 15, | T9S-R16E |
| C & O Government #4 | NESW of 12, | T9S-R16E |

Duchesne County, Utah

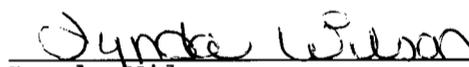
Further affiant saith not.



 D. Gary Kabeary

Subscribed and sworn to before me on this 16th day of August, 1994.

My Commission Expires:
11-18-94



 Lynda Wilson
 Residing in Billings, MT 59105

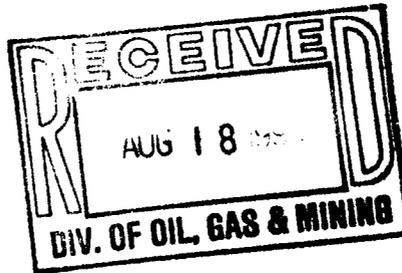
S E A L



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104



Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

August 16, 1994

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Mr. Jarvis:

Enclosed is our Affidavit certify that copies of the application and UIC permit were sent to all operators, owners, and surface owners within a one-half mile radius of the proposed injection wells listed on the Affidavit.

Copies of the letter are also enclosed.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosures



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

August 15, 1994

Bureau of Land Management
State of Utah
P.O. Box 45155
Salt Lake City, Utah 84145-0155

Attention: Mr. Robert Henricks

Re: Application for Injection Well (UIC Form I)

| | | |
|----------------------------------|-------------|----------|
| Balcron Monument Federal #34-10J | SWSE of 10, | T9S-R16E |
| Balcron Monument Federal #12-11J | SWNW of 11, | T9S-R16E |
| Balcron Monument Federal #14-11J | SWSW of 11, | T9S-R16E |
| Balcron Monument Federal #23-11J | NESW of 11, | T9S-R16E |
| Balcron Monument Federal #32-11J | SWNE of 11, | T9S-R16E |
| Balcron Monument Federal #34-11J | SWSE of 11, | T9S-R16E |
| Balcron Monument Federal #43-11J | NESE of 11, | T9S-R16E |
| Balcron Monument Federal #12-12J | SWNW of 12, | T9S-R16E |
| Balcron Monument Federal #14-12J | SWSW of 12, | T9S-R16E |
| Balcron Monument Federal #32-12J | SWNE of 12, | T9S-R16E |
| Balcron Monument Federal #21-14J | NENW of 14, | T9S-R16E |
| Balcron Monument Federal #41-14J | NENE of 14, | T9S-R16E |
| Balcron Monument Federal #23-15J | NESW of 15, | T9S-R16E |
| Balcron Monument Federal #32-15J | SWNE of 15, | T9S-R16E |
| Balcron Monument Federal #41-15J | NENE of 15, | T9S-R16E |
| C & O Government #4 | NESW of 12, | T9S-R16E |

Duchesne County, Utah

Dear Mr. Henricks:

Equitable Resources Energy Company, Balcron Oil Division, as operator of the Jonah Unit is required to send a copy of UIC Form I to all owners, operators and surface owners within a one-half mile radius of the captioned wells.

Attached are copies of our Application for Injection Well (UIC Form I). This letter will serve as notification of our intentions to use the captioned wells as injection wells within the confines of the Jonah Unit.

Please contact the undersigned if you have any comments or questions about this notification.

Sincerely,

D. Gary Kabeary, CPL/ESA
Senior Landman



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 1, 1994

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-152

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 1, 1994

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-152

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168



**Equitable Resources Energy Company
44-1J, 34-10J, 34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J,
C & O Government #4, 21-14J, 41-14J, 23-15J, 32-15J, and 41-15J Wells
Cause No. UIC-152**

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Equitable Resources Energy Company
P.O. Box 21017
Billings, Montana 59104

Dan Jackson
U.S. Environmental Protection Agency
Region VIII
999 18th Street
Denver, Colorado 80202-2466

Ed Bonner
State Lands and Forestry
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204



Lisa D. Clement
Administrative Secretary
September 1, 1994

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

See attached listing

6. If Indian, Allottee or Tribe Name

n/a

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

See attached listing

9. API Well No.

See attached listing

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached listing

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other _____

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator intends to convert the wells on the attached listing to water injection in accordance with the attached injection well completion diagrams. Water will be injected at a rate of 5-6 STBWPDP per foot of pay (average 180-200 STBWPDP). The proposed conversion and water injection will commence as soon as Utah State UIC permits are approved.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Title Regulatory and Environmental Specialist

Date 9-12-94

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

BALCRON MONUMENT FEDERAL #34-10J
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 SW SE Section 10, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-1-94/ks

150

PROPOSED INJECTION WELL COMPLETION DIAGRAM

Elev.Gr @ 5716'
 Elev. @ KB 5726' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 266.87'
 Hole Size @ 12-1/4"
 Depth landed @ 274' KB
 Cemented w/150 sxs Class Class "G" &
 1/4#/sx Celoflake
 5 BBLs return.

PRODUCTION CASING

5-1/2", K-55, 15.5#
 Length @ 5836.04'
 Depth landed @ 5832.04' KB
 Cemented w/110 sxs Hiift &
 290 sxs Class "G"
 Top of Cement @ 2735' from CBL

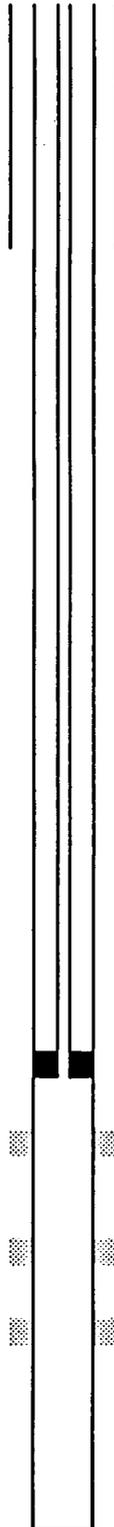
TUBING

2-7/8", J-55, 6.5#
 SN @ 2-7/8" x 1.1' (2.25" ID)
 SN landed @ 4636' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4640' KB

Proposed Injection Horizons

| | | |
|-------------------|-------|---------|
| 4700'-4711' (11') | 2 SPF | RED 1 |
| 4865'-4872' (7') | 1 SPF | RED 5 |
| 5015'-5019' (4') | 2 SPF | GREEN 1 |



← 274' KB

— Uintah Formation @ Surface to 1400' —

← Top of Cement @ 2735' from CBL

— Green River Formation @ 1400' to 4100' —

← Retrievable Csg Tension Packer @ 4640' KB

PERFORATION RECORD

| | |
|-------------------|---------|
| 4700'-11' (2 SPF) | RED 1 |
| 4865'-72' (1 SPF) | RED 5 |
| 5015'-19' (2 SPF) | GREEN 1 |

— Douglas Creek Member @ 4100' to 5350' —

PBTD @ 5787.54' KB
 TD @ 5850' KB

— Wasatch Formation Transition @ 5350' to 6000' —

— Wasatch Formation @ 6000' —

| WELL NAME | FIELD | QTR/QTR | SEC. | TWP. | RANGE | COUNTY | ZONE | LEASE NO. | API NUMBER | FOOTAGES | UNIT |
|-------------------------------|----------------|---------|------|------|-------|----------|-------------|------------|--------------|--------------------------|-------|
| Balcron Monument Fed. #32-15 | Monument Butte | SW NE | 15 | 9S | 16E | Duchesne | Green River | U-017985 | 43-013-31368 | 1868' FNL, 1993' FEL | Jonah |
| Balcron Monument Fed. #23-15 | Monument Butte | NE SW | 15 | 9S | 16E | Duchesne | Green River | U-017985 | 43-013-31373 | 1724' FSL, 2078' FWL | Jonah |
| Balcron Monument Fed. #41-15 | Monument Butte | NE NE | 15 | 9S | 16E | Duchesne | Green River | U-017985 | 43-013-31367 | 460' FNL, 500' FEL | Jonah |
| Balcron Monument Fed. #34-10J | Monument Butte | SW SE | 10 | 9S | 16E | Duchesne | Green River | U-017985 | 43-013-31416 | 592' FSL, 1979.2' FEL | Jonah |
| Balcron Monument Fed. #32-12J | Monument Butte | SW NE | 12 | 9S | 16E | Duchesne | Green River | U-035521 | 43-013-31419 | 1804.8' FNL, 2138.6' FEL | Jonah |
| C&O Gov't #4 | Monument Butte | NE SW | 12 | 9S | 16E | Duchesne | Green River | U-035521-A | 43-013-30742 | 2140' FSL, 1820' FWL | Jonah |
| Balcron Monument Fed. #14-12J | Monument Butte | SW SW | 12 | 9S | 16E | Duchesne | Green River | U-035521-A | 43-013-31411 | 660' FSL, 660' FWL | Jonah |
| Balcron Monument Fed. #14-11 | Monument Butte | SW SW | 11 | 9S | 16E | Duchesne | Green River | U-096547 | 43-013-31374 | 1048' FSL, 446' FWL | Jonah |
| Balcron Monument Fed. #21-14J | Monument Butte | NE NW | 14 | 9S | 16E | Duchesne | Green River | U-096547 | 43-013-31421 | 517.8' FNL, 1850.2' FWL | Jonah |
| Balcron Monument Fed. #12-11J | Monument Butte | SW NW | 11 | 9S | 16E | Duchesne | Green River | U-096550 | 43-013-31417 | 2128' FNL, 689' FWL | Jonah |
| Balcron Monument Fed. #43-11J | Monument Butte | NE SE | 11 | 9S | 16E | Duchesne | Green River | U-096550 | 43-013-31002 | 2126.9' FSL, 692.8' FEL | Jonah |
| Walton Federal #34-11 | Monument Butte | SW SE | 11 | 9S | 16E | Duchesne | Green River | U-096550 | 43-013-31003 | 537' FSL, 2092' FEL | Jonah |
| Balcron Monument Fed. #23-11 | Monument Butte | NE SW | 11 | 9S | 16E | Duchesne | Green River | U-096550 | 43-013-31369 | 1787' FSL, 2147' FWL | Jonah |
| Balcron Monument Fed. #32-11 | Monument Butte | SW NE | 11 | 9S | 16E | Duchesne | Green River | U-096550 | 43-013-31386 | 2059' FNL, 1763' FEL | Jonah |
| Balcron Monument Fed. #41-14J | Monument Butte | NE NE | 14 | 9S | 16E | Duchesne | Green River | U-096550 | 43-013-31408 | 363.3' FNL, 600' FEL | Jonah |
| Balcron Monument Fed. #12-12J | Monument Butte | SW NW | 12 | 9S | 16E | Duchesne | Green River | U-096550 | 43-013-31410 | 738.6' FNL, 648.2' FWL | Jonah |
| Balcron Monument Fed. #44-1J | Monument Butte | SE SE | 1 | 9S | 16E | Duchesne | Green River | U-44426 | 43-013-31415 | 859' FSL, 338' FEL | Jonah |



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

September 12, 1994

-- VIA FEDERAL EXPRESS --

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

SEP 13

Dear Dan:

RE: Goates Federal #3-14 Cement Problem
Jonah Unit
NW NW Section 14, T9S, R16E
Duchesne County, Utah

In response to our phone conversation regarding the referenced well, please accept this letter as a written response to the cement problem discussed. I have researched the well files and confirmed that there is a 240' section of the 3-1/2" casing annulus that has not been cemented. However, as I have shown on the attached wellbore diagram, there is good cement up to 5380' KB from the CBL behind the 3-1/2" casing liner. In addition, the 5-1/2" casing was cemented with 200 sacks Class-G cement which was calculated to give a cement top at 4145' KB using a 25% fill factor. A cement bond log could not be produced to verify this cement top. These calculations show a 240' section of the 3-1/2" liner without cement. This section of the well does not contain perforations and is not isolating any permeable zones. All perforations are adequately isolated with cement and the blank section lies across an impermeable shale. Since this well will remain an oil production well in the Jonah Unit Waterflood and there will be no abnormal pressure placed on the casing, I am requesting that no remedial work be performed on this well. Balcron will pull the pump, rods, and tubing and will run a cement bond log across the 5-1/2" casing if requested.

If there are any further questions, please contact me as soon as possible.

Respectfully,

John Zellitti
John Zellitti
Senior Production Engineer

JZ/rs

Attachments

Elevs: GL @ 5596', KB @ 5606' (10' KB)

Wellbore Diagram

SURFACE CASING

9 5/8", 32.3#, J-55
 7 jts @ 213'
 Landed @ 226' KB
 Cemented w/200 sx
 Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2", 15.5#, J-55
 171 jts @ 5127'
 Landed @ 5140' KB
 Cemented w/200 sx
 Hole Size @ 7 7/8"
 3 1/2", 8.81#, N-80 Flush Joint
 28 jts @ 874'
 Landed @ 5949' KB
 Cemented w/35 sx Class G
 Hole Size @ 4 3/4"
 Cement Top @ 5380' from CBL

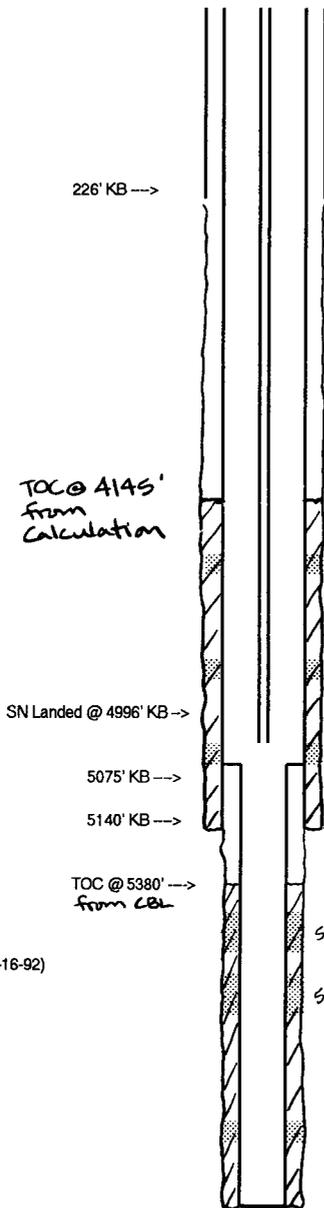
TUBING

2 3/8", 4.6#, J-55
 161 jts @ 4982'
 SN - 2 3/8" x 1.1'
 Perf. Sub - 2 3/8" x 3'
 Mud Anchor - 2 3/8" x 30'
 Total String Length - 5026' KB
 SN Landed At 4996' KB

SUCKER ROD RECORD

1 - 1/4" x 22' Polished Rod
 199 - 3/4" x 25' Plain Rods

PUMP SIZE: 2 x 1 1/2" x 16" RWBC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114 (serviced 10-16-92)
 Ajax Motor



ACID JOBS

4585.75'-4722' KB 500 gals 15% mud acid.
 5056'-5056.5' KB 250 gals 15% mud acid.

RECOMPLETION:

5447'-5830' KB 1500 gals 7.5% HCl acid & 18 balls, saw good ball action.

FRAC JOBS

4585.75'-4722' KB 1-30-65. 125 Bbls preflush, 11440 gal Ashley Valley crude w/ 12600# 20-40 sand, 2000 gal oil w/1000# glass beads, 124 Bbls oil @ 30 BPM @ 4200 psi.

5056'-5056.5' KB 1-29-65. 155 Bbls Ashley Valley crude preflush, 16300 gal crude w/ 16800# 20-40 mesh sand, 4000 gal crude w/ 1000# glass beads @ 28 BPM @ 3875 psi.

RECOMPLETION:

5447'-5830' KB 9-12-82 w/ Dowell. 39364 gal YF4PSD fluid w/55400# 20-40 sand. Screened out prior to 10-20 sand hitting perfs. ATR 16 BPM @ 3600 psi. ISIP 1850 psi, 15 - 1600 psi, 20 - 1600 psi.

PERFORATION RECORD

| | | | |
|-----------------|-------------------|-------------------|--------|
| 4585' (1 Shot) | 4585.5' (1 Shot) | 4585.75' (1 Shot) | RED1 |
| 4722' (1 Shot) | 4722.5' (1 Shot) | | RED5 |
| 4728' (1 Shot) | 4728.5' (1 Shot) | | RED5 |
| 4734' (1 Shot) | 4734.5' (1 Shot) | | RED5 |
| 5056' (4 Shots) | 5056.5' (4 Shots) | | GREEN5 |

RECOMPLETION:

| | |
|---------------|-------|
| 5447' (1 SPF) | BLUE1 |
| 5451' (1 SPF) | BLUE1 |
| 5453' (1 SPF) | BLUE1 |
| 5460' (1 SPF) | BLUE1 |
| 5467' (1 SPF) | BLUE1 |
| 5492' (1 SPF) | BLUE2 |
| 5494' (1 SPF) | BLUE2 |
| 5496' (1 SPF) | BLUE2 |
| 5498' (1 SPF) | BLUE2 |
| 5503' (1 SPF) | BLUE2 |
| 5828' (1 SPF) | BLUE4 |
| 5830' (1 SPF) | BLUE4 |

PBTD @ 5925' KB (Recompletion)
 TD @ 5950' KB (Recompletion)

$$C_{annulus} = .1733 \text{ ft}^3/\text{ft}$$

1 1/2" CSG
 7 7/8" hole

$$200 \text{ SX} (1.15 \text{ ft}^3/\text{SX}) = 230 \text{ ft}^3$$

$$H = \frac{230 \text{ ft}^3}{.1733 \text{ ft}^3/\text{ft}} = 1327 \text{ ft.} (.75) = 995 \text{ ft}$$

fill factor

Estimated top of cement in 5 1/2" annulus = 4145' KB

WELL NAME: GOATES FEDERAL #3-14
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-096547
 LOCATION: NW NW Sec.14,T9S,R16E
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 1.00
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 9-17-82 (2-22-65 Original Hole)
 INITIAL PRODUCTION: 33 STBOPD, 15 MCFPD, 0 STBWPD
 INTL. PROD. RECOMPL.: 12 STBOPD, 9 MCFPD, 2 STBWPD
 OIL/GAS PURCHASER: Amoco/Universal
 PRESENT PROD STATUS: 3 STBOPD
 ELEVATIONS - GROUND: 5596'
 TOTAL DEPTH: 5950' KB (5150' KB Original Hole)

DATE: 6-30-94/ks
 API NO.: 43-013-15791

NET REVENUE INT.: 0.825
 SPUD DATE: 8-25-82 (12-30-64 Original Hole)
 RIG RELEASE DATE: 9-17-82 (1-19-65 Original Hole)
 OIL GRAVITY: 30 API (Recompletion)
 BHT: 140 Deg F
 KB: 5606' (10' KB)
 PLUG BACK TD: 5925' KB (5140' Original Hole)

SURFACE CASING

STRING: 1
 SIZE: 9 5/8"
 GRADE: J-55
 WEIGHT: 32.3 lbs.
 LENGTH: 7 jts @ 213'
 DEPTH LANDED: 226' KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 200 sx

PRODUCTION CASING

| | 1 | 2 |
|---------------|----------|--------------------|
| STRING: | 1 | 2 |
| SIZE: | 5 1/2" | 3 1/2" |
| GRADE: | J-55 | N-80 |
| WEIGHT: | 15.5 lbs | 8.81 lbs |
| LENGTH: | 5127' | 874' (Top @ 5075') |
| DEPTH LANDED: | 5140' KB | 5949' KB |
| HOLE SIZE: | 7 7/8" | 4 3/4" |
| CEMENT DATA: | 200 sx | 35 sx Class G |

CEMENT TOP AT: 5380' CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 3/8", 4.6 lbs
 NO. OF JOINTS: 161 jts. @ 4982'
 TUBING ANCHOR: None
 NO. OF JOINTS: NA
 SEATING NIPPLE: 2 3/8" x 1.1'
 PERF. SUB: 2 3/8" x 3'
 MUD ANCHOR: 2 3/8" x 30'
 TOTAL STRING LENGTH: 5026' KB
 SN LANDED AT: 4996' KB

PERFORATION RECORD

| 4585' (1 Shot) | 4585.5' (1 Shot) | 4585.75' (1 Shot) | |
|-----------------|-------------------|-------------------|--------|
| 4722' (1 Shot) | 4722.5' (1 Shot) | | RED1 |
| 4728' (1 Shot) | 4728.5' (1 Shot) | | RED5 |
| 4734' (1 Shot) | 4734.5' (1 Shot) | | RED5 |
| 5056' (4 Shots) | 5056.5' (4 Shots) | | GREENS |

RECOMPLETION:

| | |
|---------------|-------|
| 5447' (1 SPF) | BLUE1 |
| 5451' (1 SPF) | BLUE1 |
| 5453' (1 SPF) | BLUE1 |
| 5460' (1 SPF) | BLUE1 |
| 5467' (1 SPF) | BLUE1 |
| 5492' (1 SPF) | BLUE2 |
| 5494' (1 SPF) | BLUE2 |
| 5496' (1 SPF) | BLUE2 |
| 5498' (1 SPF) | BLUE2 |
| 5503' (1 SPF) | BLUE2 |
| 5828' (1 SPF) | BLUE4 |
| 5830' (1 SPF) | BLUE4 |

ACID JOBS

| | |
|-------------------|------------------------|
| 4585.75'-4722' KB | 500 gals 15% mud acid. |
| 5056'-5056.5' KB | 250 gals 15% mud acid. |

RECOMPLETION:

5447'-5830' KB 1500 gals 7.5% HCl acid & 18 balls, saw good ball action.

FRAC JOBS

| | |
|-------------------|---|
| 4585.75'-4722' KB | 1-30-65. 125 Bbls preflush, 11440 gal Ashley Valley crude w/ 12600# 20-40 sand, 2000 gal oil w/1000# glass beads, 124 Bbls oil @ 30 BPM @ 4200 psi. |
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RECOMPLETION:

5447'-5830' KB 9-12-82 w/ Dowell. 39364 gal YF4PSD fluid w/55400# 20-40 sand. Screened out prior to 10-20 sand hitting perms. ATR 16 BPM @ 3600 psi. ISIP 1850 psi, 15 - 1600 psi, 20 - 1600 psi.

SUCKER ROD RECORD

1 - 1/4" x 22' Polished Rod
 199 - 3/4" x 25' Plain Rods

PUMP SIZE: 2 x 1 1/2" x 16' RWBC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 PUMPING UNIT SIZE: Cabot 114 (serviced 10-16-92)
 Ajax Motor

LOGS: Cement Bond Log, Compensated Formation
 Density Log, Induction Resistivity Log,
 Mud Log.



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

September 12, 1994

SEP 13 1994

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

*BALCRON Monument Federal 39-10J
SEC 10 T9S R16E
43-013-31416*

Gentlemen:

Enclosed are Notices of Intent to convert the seventeen wells on the enclosed list to water injection.

If you have any questions or need additional information, please let me know.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Dan Jarvis, Utah Division of Oil, Gas and Mining

143 SOUTH MAIN ST.
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX I.D. # 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune (NA) DESERET EWS

6/5
FNF

CUSTOMER'S COPY

LEGAL ADVERTISING INVOICE

| CUSTOMER NAME AND ADDRESS | ACCOUNT NUMBER | BILLING DATE |
|---|----------------|--------------|
| DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180 | LE-5385340 | 09/13/94 |
| FOR BILLING INFORMATION CALL (801) 237-2822 | | |

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE NO. UIC-152BEFOR FOR DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

NOTICE OF AGENCY ACTION
CAUSE NO. UIC-152
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

SEP 12 1994

94

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL TO CONVERT THE 44-1J, 34-10J, 34-11, 12-11J, 14-14J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J, C & O GOVERNMENT #4, 21-14J, 41-14J, 23-15J, 32-15J, AND 41-15J WELLS, LOCATED IN SECTIONS 1, 10, 11, 12, 14, & 15, TOWNSHIP 9 SOUTH, RANGE 16 EAST, S.L.M., DUCHESE COUNTY, UTAH, TO CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company ("Equitable") for administrative approval to convert the 44-1J, 34-10J, 34-11, 12-11J, 14-14J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J, C & O Government #4, 21-14J, 41-14J, 23-15J, 32-15J, and 41-15J Wells, located in Sections 1, 10, 11, 12, 14, & 15, Township 9 South, Range 16 East, Duchesne County, Utah, to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Equitable proposes to inject water into the captioned wells in the Green River Formation interval at approximately 4990 - 5614 feet, for the purpose of secondary recovery operations. Equitable is requesting a maximum injection pressure of 2000 psig and estimates the injection volume to be approximately 600 barrels of water per day for each well.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice, if such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 1st day of September, 1994.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
/s/ R.J. Firth, Associate Director, Oil and Gas

| ACCOUNT NAME | TELEPHONE | |
|--|---------------|------------------|
| & MINING | 801-538-5340 | |
| SCHEDULE | AD NUMBER | |
| | 98710280 | |
| CAPTION | MISC. CHARGES | |
| NOTICE OF AGENCY ACTION CAUSE NO. UIC-152BEFOR | .00 | |
| TIMES | RATE | AD CHARGE |
| 2 COLUMN | 1 | 1.64 |
| ON RECEIPT OF THIS INVOICE | | TOTAL AMOUNT DUE |
| | | 160.72 |

THANK YOU FOR USING LEGAL ADVERTISING.

PLEASE RETURN THIS PORTION WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE **LEGAL ADVERTISING** ADV06-NT

| ACCOUNT NUMBER | AD NUMBER | BILLING DATE | PAY THIS AMOUNT |
|----------------|-----------|--------------|-----------------|
| LE-5385340 | 98710280 | 09/13/94 | 160.72 |

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DIV OF OIL, GAS & MINING
355 WEST NORTH TEMPLE
3 TRIAD CENTER #350
SLC, UT 84180

COPY

PLEASE REMOVE THIS STUB

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**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Balcron Oil **Location:** Jonah Unit

Wells: Federal 34-10,12-11,14-11,23-11,32-11,34-11,43-11,
C&O Govt. #4,12-12,14-12,32-12,21-14,41-14,23-15,32-15,
41-15 and 44-1

Ownership Issues: The proposed wells are located in sections 1,10,11,12,14 and 15 township 9 south, range 16 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Balcron Oil has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The seventeen wells proposed for conversion to injection all have surface casing set at approximately 300 feet \pm 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 5800 feet, and were all cemented above the injection zone. Cement bond logs are on file with the Division and verify reported cement tops. The interval from 4590-5614 feet (Green River Formation) has been perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 27 producing wells, 17 injection wells and 5 plugged and abandoned wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field is .861 psi/ft resulting in a maximum allowed surface pressure of 2000 psi. Injection pressures for each of the injectors will be maintained below the fracture pressure so as not to initiate fractures in the overlying strata. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Balcron is the operator of the Jonah Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

Bonding: Balcron is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. A casing pressure test needs to be conducted when the well is converted and a casing\tubing pressure test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue both an approval to convert the wells and an injection permit. There are no special conditions or stipulations and the permit should be granted in accordance with the conditions set forth in the application.

DJJ
Reviewers

09-30-94
Date



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

October 4, 1994

Equitable Resources Energy Company
Balcron Oil Division
1601 Lewis Avenue
Billings, Montana 59104

Re: Monument Butte Federal 34-10, 12-11, 14-11, 23-11, 32-11, 34-11, 43-11, 12-12, 14-12, 32-12, 21-14, 41-14, 23-15, 32-15, 41-15, 44-1 and C&O Govt.#4 Wells Located in Sections 1, 10, 11, 12, 14 and 15, Township 9 South, Range 16 East, Duchesne County, Utah

Gentlemen:

In accordance with Utah Admin. Code R.649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells.

The following stipulations shall apply for compliance with this approval:

1. Full compliance with all applicable requirements regarding operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R.649-1 et seq.
2. Conformance with all conditions and requirements of the enclosed Underground Injection Control Permit and the application submitted by Equitable Resources Energy Company.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.J. Firth
Associate Director

cc: Dan Jackson, EPA
Bureau of Land Management, Vernal





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-152

Operator: Equitable Resources Energy Company

Wells: Monument Butte Federal 34-10, 12-11, 14-11, 23-11, 32-11, 34-11, 43-11, 12-12, 14-12, 32-12, 21-14, 41-14, 23-15, 32-15, 41-15, 44-1 and C&O Govt.#4

Location: Sections 1, 10, 11, 12, 14 and 15, Township 9 S, Range 16 E, Duchesne County

Well Type: Enhanced Recovery (waterflood)

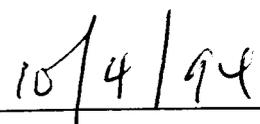
Stipulations of Permit Approval

1. Approval for conversion to Injection Wells issued on October 4, 1994.
2. Maximum Allowable Injection Pressure: 2000 psig
3. Maximum Allowable Injection Rate: 600 bbls per day/well

Approved by:



R.J. Firth
Associate Director, Oil and Gas



Date

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: Bakromy Well: 16 wells. list Attached

Location: sections 11, 12, 14, & 15 township 9S range 16E

API #: _____ Well Type: disp. ___ enhanced recov. X

If enhanced recovery has project been approved by the Board ? Yes.

Lease Type: Federal Surface Ownership: BLM

Field: Manment Butte Unit: Sorak Indian Country: _____

UIC Form 1: Yes. Plat: Yes Wells in AOR: 27 Prod, 5 PA 17 Inj

Logs Available: Yes Bond Log: Yes. Total 49 wells

Casing Program: _____

Integrity Test: To Be Run at Conversion.

Injection Fluid: Fresh water from Johnson water supply.

Geologic Information: _____

Analyses of Injection Fluid: Yes Formation Fluid: Yes Compat. Yes.

Fracture Gradient Information: _____ Parting Pressure _____

Affidavit of Notice to Owners: Yes.

Fresh Water Aquifers in Area: _____

Depth Base of Moderately Saline Water: _____

Confining Interval: _____

Reviewer: D. James Date: _____

Comments & Recommendation _____

STATE OF UTAH
 Division of Oil, Gas and Mining
 355 West North Temple
 3 Triad Center, Suite 350
 Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

| | | |
|------------------------------|-----------------------------------|-------------------|
| Test Date: <u>10/18/99</u> | Well Owner/Operator: <u>BALCO</u> | |
| Disposal Well: _____ | Enhanced Recovery Well: <u>X</u> | Other: _____ |
| API No.: <u>43-013-31416</u> | Well Name/Number: <u>34-10 J.</u> | |
| Section: <u>10</u> | Township: <u>9S</u> | Range: <u>16E</u> |

Initial Conditions:

Tubing - Rate: ~~87~~ 51 Pressure: 875 psi
 Casing/Tubing Annulus - Pressure: 1125 psi

Conditions During Test:

| <u>Time (Minutes)</u> | <u>Annulus Pressure</u> | <u>Tubing Pressure</u> |
|-----------------------|-------------------------|------------------------|
| 0 | <u>1125</u> | <u>875</u> |
| 5 | <u>1125</u> | <u>"</u> |
| 10 | <u>1125</u> | <u>"</u> |
| 15 | <u>1125</u> | <u>"</u> |
| 20 | _____ | _____ |
| 25 | _____ | _____ |
| 30 | _____ | _____ |

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 875 psi
 Casing/Tubing Annulus Pressure: _____ psi

REMARKS: Passal MIT Well is ready for Injection.

 Operator Representative

 DOGM Witness

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-017985

6. If Indian, Allottee or Tribe Name
n/a

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other WIW

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE Section 10, T9S, R16E
592' FSL, 1979' FEL

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Federal #34-103

9. API Well No.

43-013-31416

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|---|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back |
| | <input type="checkbox"/> Casing Repair |
| | <input type="checkbox"/> Altering Casing |
| | <input type="checkbox"/> Other _____ |
| | <input type="checkbox"/> Change of Plans |
| | <input type="checkbox"/> New Construction |
| | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Water Shut-Off |
| | <input checked="" type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Dispose Water |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well has been converted to water injection in accordance with permit approval. Refer to the attached workover procedure, well report, and injection well completion diagram for details of the conversion.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date January 13, 1995
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Balcron Monument Federal #34-10J
Jonah Unit/Monument Butte Field
Lease No. U-017985
SW SE Section 10, T9S, R16E
Duchesne County, Utah

WELL HISTORY REPORT

| Date | Work Description |
|----------|--|
| | Conversion of well to water injection. |
| 9-27-94 | - MIRU Cannon Well Service, TOO H w/rods,pump, & tbg. - RIH w/bit & scrapper to TD. |
| 8-5-94 | - RIH w/ 2 7/8" injection tbg & Arrow Set-1 packer. |
| 8-6-94 | - Pump 55 gals Champion Cortron #23-83 corrosion inhibitor mixed w/ 60 STBW down csg. - Set packer @ 4625' KB, NU wellhead, pressure test csg annulus to 1000 psig. no loss, RDMO. |
| 10-18-94 | Perform MIT, pressure csg annulus to 1125 psig for 15 minutes, no loss, Utah OG&M witness Dan Jarvis. |
| 11-9-94 | RU Alnigther Hot Oil Service, mix 5 gals Wsetern Claymaster & 10 gals 940 surfactant w/ 130 STB 2% KCl water, pump down tbg @ 180 deg.F., start water injection @ 150 STBPD. |

BALCRON MONUMENT FEDERAL #34-10J
 SW SE Section 10, T9S, R16E
 592' FSL & 1979' FEL
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 Duchesne County, Utah
 592' FSL & 1979' FEL
 Elev.Gr @ 5716'
 Elev. @ KB 5726' (10' KB)

BALCRON OIL
 1-10-94 JZ

INJECTION WELL COMPLETION DIAGRAM

UTAH CAUSE NO.: UIC-152

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 266.87'
 Hole Size @ 12-1/4"
 Depth landed @ 274' KB
 Cemented w/150 sxs Class Class "G" &
 1/4#/sx Celoflake
 5 BBLS return.

PRODUCTION CASING

5-1/2", K-55, 15.5#
 Length @ 5836.04'
 Depth landed @ 5832.04' KB
 Cemented w/110 sxs Hiifit &
 290 sxs Class "G"
 Top of Cement @ 2735' from CBL

TUBING/INJECTION STRING

| Injection Equipment & Size | Length FT. | Setting Depth FT.(w/10' KB) |
|----------------------------|------------|-----------------------------|
| KB | 10.00 | |
| 1) 146 jnts 2 7/8" tbg | 4606.62 | 4616.62 |
| 2) 2 7/8" SN (2.25" ID) | 1.10 | 4617.72 |
| 3) 5.5" Arrow Set-1 Pkr | 7.00 | 4624.72 |
| End of Tubing | | 4624.72 |

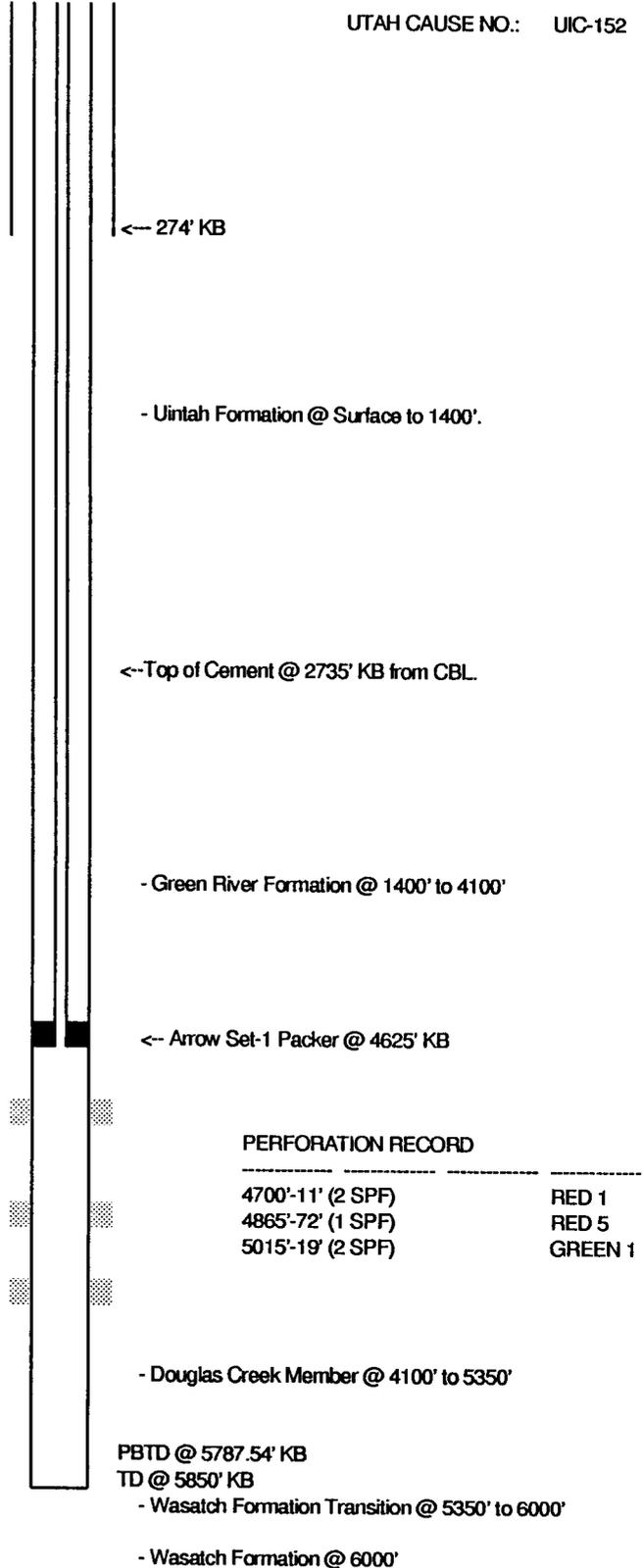
Injection Packers Set 10-5-94 By Mtn States.

2 7/8" SN ID @ 2.25".
 Arrow Set-1 Pkr set w/ 16" Tension.
 Packer fluid - 55 gals Champion Cortron #23-83
 w/60 STBW.

Injection Horizons

| | |
|-------------------|---------|
| 4700'-4711' (11') | RED 1 |
| 4865'-4872' (7') | RED 5 |
| 5015'-5019' (4') | GREEN 1 |

Tracer Survey ran 12-22-94



WELL NAME: Balcron Monument Federal #34-10J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: SW SE Section 10, T9S, R16E
 592' FSL & 1979' FEL
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: .805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 2-15-94
 INITIAL PRODUCTION: 43 STBOPD, 172 MSCFPD, 7 STBWPD
 LAST PRODUCTION: 6 STBOPD, 30 MSCFPD, 0 STBWPD
 PRESENT PROD STATUS: Water Injection Well
 Started Water injection 11-9-94
 CONVERSION TO INJ.: 10-5-94
 INJECTION RATE: 150 STBWPD
 ELEVATIONS-GROUND: 5716'
 TOTAL DEPTH: 5850' KB

DATE: 1-10-94 JZ
 API NO.: 43-013-31416
 UTAH CAUSE NO.: UIC-152
 NET REVENUE INT.: .73831617 Oil
 .66359285 Gas
 SPUD DATE: 1-12-94
 OIL GRAVITY: 34 API
 BHT: 135 Deg.F
 LAST MIT DATE: 10-18-94
 1125 psig for 15 min., no loss.
 KB: 5726' (10' KB)
 PLUG BACK TD: 5787.54' KB

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 lbs.
 LENGTH: 6 Jnts @ 266.87'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 274' KB
 CEMENT DATA: 150 sxs Class "G", 2% CCL &
 1/4#/sxs Celoflake

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 lbs.
 LENGTH: 5836.04'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5832.04' KB
 CEMENT DATA: 110 sxs Hlift &
 290 sxs Class "G"
 CEMENT TOP AT: 2735' from CBL

TUBING/INJECTION STRING

| Injection Equipment & Size | Length FT. | Setting Depth FT. (w/10' KB) |
|----------------------------|------------|------------------------------|
| KB | 10.00 | |
| 1) 146 Jnts 2 7/8" tbg | 4606.62 | 4616.62 |
| 2) 2 7/8" SN (2.25" ID) | 1.10 | 4617.72 |
| 3) 5.5" Arrow Set-1 Pkr | 7.00 | 4624.72 |
| End of Tubing | | 4624.72 |

Injection Packers Set 10-5-94 By Mtn States.

2 7/8" SN ID @ 2.25"

Arrow Set-1 Pkr set w/ 16" Tension.

Packer fluid - 55 gals Champion Cortron #23-83 w/60 STBW.

Injection Horizons

| | |
|-------------------|---------|
| 4700'-4711' (11') | RED 1 |
| 4865'-4872' (7') | RED 5 |
| 5015'-5019' (4') | GREEN 1 |

LOGS: Compensated Neutron-Litho-Density Log;
 Dual Laterolog Micro-SFL; Gamma-Ray & Collar
 Log; Cement Bond & Gamma-Ray & Collar Log;
 Mud Log

PERFORATION RECORD

| | |
|-------------------|---------|
| 4700'-11' (2 SPF) | RED 1 |
| 4865'-72' (1 SPF) | RED 5 |
| 5015'-19' (2 SPF) | GREEN 1 |

ACID JOBS

| | |
|-------------------------------|--|
| 4865'-4872' KB (Stage One) | 1-31-94: By Western w/500 gals 15% HCL & 500 gals 2% KCL wtr. ATP 2000 psi, max 3000 psi. ATR 2 BPM, max 8.3 BPM. ISIP 1250 psi. |
| 4865'-4872' KB (Stage Two) | 1-31-94: By Western w/500 gals 15% HCL & 500 gals 2% KCL wtr. ATP 1350 psi, max 5000 psi. ATR 2 BPM, max 7.5 BPM. ISIP 1300 psi. |
| 4700'-4711' KB | 2-3-94: By Western w/500 gals 15% HCL & 672 gals 2% KCL wtr. ATP 2000 psi, max 2400 psi. ATR 3 BPM, max 4 BPM. ISIP 1100 psi. |

FRAC JOBS

| | |
|-----------------------------------|--|
| 4865'-4872' KB, 5015'-5019' KB | 1-31-94: By Western w/32,000# 16/30 mesh sand w/13,062 gal 2% KCL wtr & 500 gals 15% HCL. ATP 2500 psi, max 3050 psi. ATR 29.6 BPM, max 29.6 BPM. ISIP 2600 psi. |
| 4700'-4711' KB | 2-7-94: By Western w/35,720# 16/30 mesh sand w/17,398 gals 2% KCL gelled wtr. ATP 2500 psi, max 2840 psi. ATR 25 BPM, max 25 BPM. ISIP 2000 psi, 5 min 1770 psi, 10 min 1710, 15 min 1670 psi. |

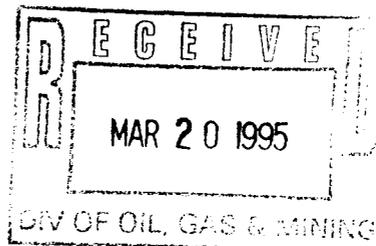


EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361



March 16, 1995

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Mr. Jarvis:

Attached are copies of the injection profile reports for our enhanced recovery wells in the Jonah Unit.

If you have any questions, please call John Zellitti at (406) 259-7860.

Sincerely,

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Attachments

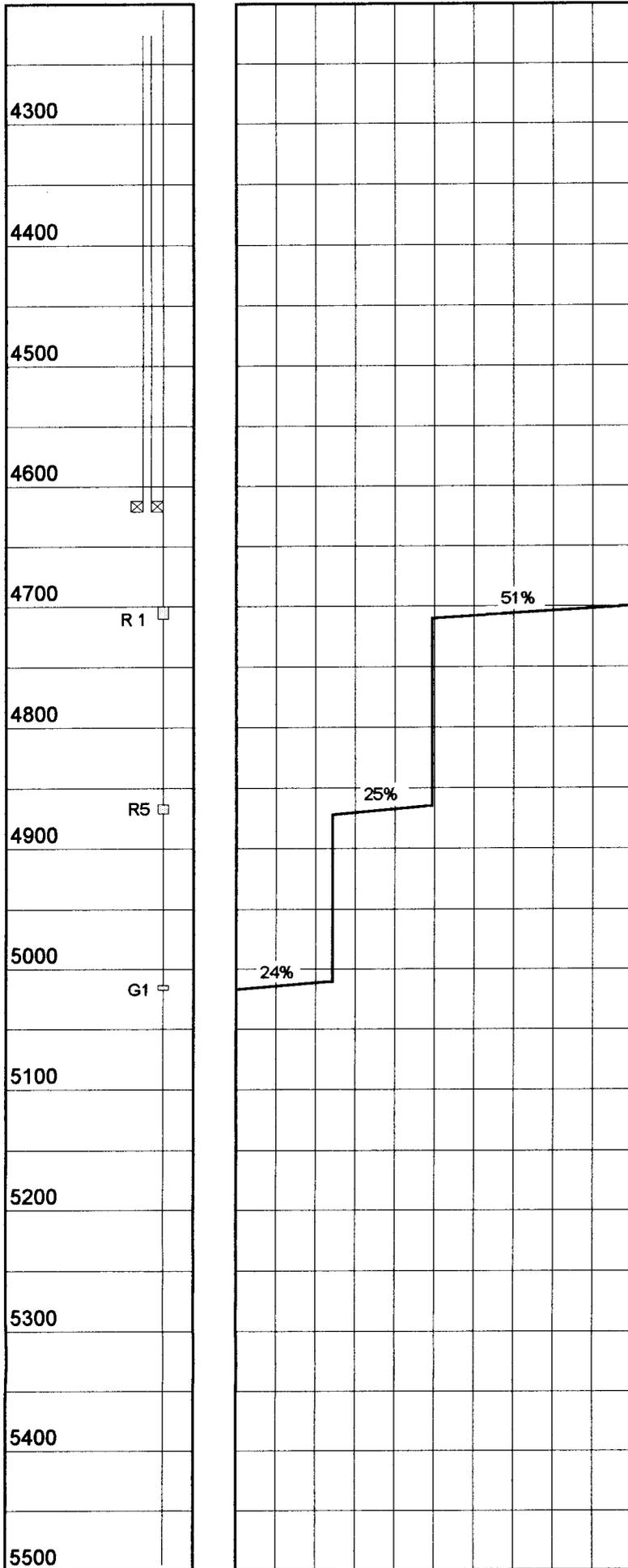
EQUITABLE RESOURCES ENERGY COMPANY-BALCRON OIL DIVISION

INJECTION PROFILE

**MONUMENT
FEDERAL 34-10J**

| | |
|--------------------|------------------------|
| Date: 12/22/94 | Desired Rate: 150 B/D |
| Surface Temp: 45 F | Metered Rate: 150 B/D |
| BHT: 153 F | Measured Rate: 135 B/D |
| PBTD: 5787 | Tbg Pressure: 1700 PSI |
| TD: 5761 | Csg Pressure: 0 PSI |

0 10 20 30 40 50 60 70 80 90 100



24-10J-2
12/22/94

Remarks: R/A Tracer survey indicates exits as shown. Packer checks okay.
Service Company: Well Information Services, Inc.
Operator: Bart Williams



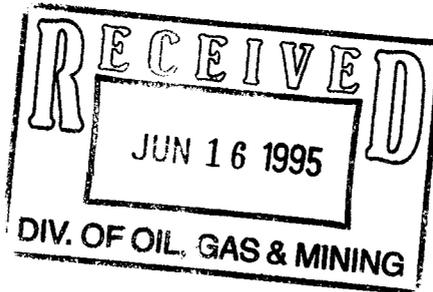
EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

June 14, 1995



Debra Falcone
State of Utah
Division of Oil, Gas, and Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Debra:

RE: Balcron Monument Federal #34-10J 43-013-31416
SW SE Section 10, T9S, R16E
Duchesne County, Utah

There was never a geological report prepared for this well so I have copied down the formation tops for your records.

| <u>FORMATION</u> | <u>DEPTH</u> |
|----------------------------|--------------|
| Green River | 1597' |
| Horsebench SS | 2201' |
| Garden Gulch Marker | 3884' |
| Douglas Creek | 4674' |
| Black Shale Facies | 5333' |
| Castle Peak LS | 5538' |

Please feel free to contact me if you need any further information.

Sincerely,

Molly Conrad
Operations Secretary

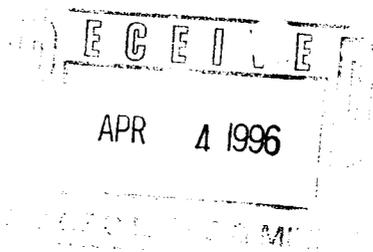
/mc



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102



Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

April 1, 1996

Mr. Dan Jarvis
Utah Division of Oil, Gas and Mining
UIC Program
355 West North Temple
Salt Lake City, UT 84180

Dear Dan:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a listing of permits which we have with your Agency. This change will apply to those. If you note that I have missed some or if you have any questions, please do not hesitate to give me a call at (406) 259-7860, extension 240 to discuss this.

This change affects only our company name. The physical locations of our offices and the personnel remain the same.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

UTAH UIC PERMITS

| | |
|--|---|
| Balcron Monument Fed. #23-11 | State #UIC-152 |
| Balcron Monument Fed. #14-11 | State #UIC-152 |
| Balcron Monument Fed. #12-11 | State #UIC-152 |
| Walton Federal #34-11 | State #UIC-152 |
| Balcron Monument Fed. #34-10J | State #UIC-152 |
| Balcron Monument Fed. #44-1J | State #UIC-152 |
| | |
| Coyote Basin Area Waterflood | |
| Area Permit No. UT2653-00000 (Approved 2/18/94) | |
| | |
| Coyote Basin Fed. #42-6X | UT2653-03751 (AREA PERMIT UT2653-00000) |
| East Red Wash Federal #2-5 | UT2653-03752 (AREA PERMIT UT2653-00000) |
| East Red Wash Federal #4-6 | UT2653-04224 (AREA PERMIT UT2653-00000) |
| Amerada Guinand Federal #1 | UT2653-04225 (AREA PERMIT UT2653-00000) |
| | |
| Section 2 Waterflood | |
| Area Permit No. UT2776-00000 (Approved 11/95) | |
| | |
| Balcron Monument State #14-4 | UT2776-04275 (State UIC-163) |
| Balcron Monument State #22-2 | UT2776-04276 (State UIC-163) |
| | |
| Pariette Field SWD | |
| | |
| Pariette Bench #4 SWD (UT) | UT2676-02569 |

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

| | |
|--|---|
| | 5. Lease Designation and Serial Number: See attached listing |
| | 6. If Indian, Allottee or Tribe Name: n/a |
| | 7. Unit Agreement Name: See attached listing |
| 1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: See attached listing | 8. Well Name and Number: See attached listing |
| 2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division | 9. API Well Number: See attached listing |
| 3. Address and Telephone Number: 1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860 | 10. Field and Pool, or Wildcat: See attached listing |
| 4. Location of Well Footages: See attached listing | County: See attached list |
| OO, Sec., T., R., M.: | State: UTAH |

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: March 27, 1996
Bobbie Schuman

(This space for State use only)



**EQUITABLE RESOURCES
ENERGY COMPANY**

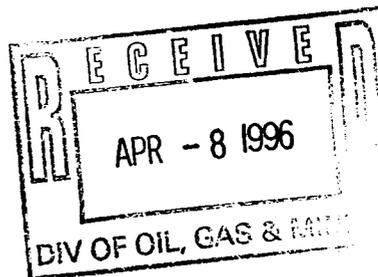
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

UTAH

| | | | | | | | | | | | | | | |
|-----------------------------------|----------------|-------|----|----|-----|----------|----|-----|-------------|------------|--------------|----------------------|--------|--------|
| Balcron Monument Fed. #32-1J | Monument Butte | SW NE | 1 | 9S | 16E | Duchesne | UT | Oil | Green River | U-33992 | 43-013-31414 | 2143' FNL, 1987' FEL | Vernal | Jonah |
| Balcron Monument Fed. #32-25 | Undesignated | SW NE | 25 | 8S | 17E | Uintah | UT | Oil | Green River | U-67845 | 43-047-32524 | 1980' FNL, 1980' FEL | Vernal | |
| Balcron Monument Fed. #33-11J | Monument Butte | NW SE | 11 | 9S | 16E | Duchesne | UT | Oil | Green River | U-096550 | 43-013-31451 | 1971' FSL, 2032' FEL | Vernal | Jonah |
| Balcron Monument Fed. #33-25 | Undesignated | NW SE | 25 | 8S | 17E | Uintah | UT | Oil | Green River | U-67845 | 43-047-32525 | 2097' FSL, 2067' FEL | Vernal | |
| Balcron Monument Fed. #33-6 | Monument Butte | NW SE | 6 | 9S | 17E | Duchesne | UT | WW | Green River | U-020252-A | 43-013-31361 | 1832' FSL, 1829' FEL | Vernal | Jonah |
| Balcron Monument Fed. #33-8 | Monument Butte | NW SE | 8 | 9S | 17E | Duchesne | UT | Oil | Green River | UTU-74108 | 43-013-31427 | 1980' FSL, 1980' FEL | Vernal | Beluga |
| Balcron Monument Fed. #34-10J | Monument Butte | SW SE | 10 | 9S | 16E | Duchesne | UT | WW | Green River | U-017985 | 43-013-31416 | 592' FSL, 1979' FEL | Vernal | Jonah |
| Balcron Monument Fed. #34-25 | Undesignated | SW SE | 25 | 8S | 17E | Uintah | UT | PND | Green River | U-67845 | | 800' FSL, 2100' FEL | Vernal | |
| Balcron Monument Fed. #34-7 | Monument Butte | SW SE | 7 | 9S | 17E | Duchesne | UT | PND | Green River | UTU-72106 | 43-013-31426 | 810' FSL, 1736' FEL | Vernal | |
| Balcron Monument Fed. #41-12J | Monument Butte | NE NE | 12 | 9S | 16E | Duchesne | UT | Oil | Green River | U-44426 | | 395' FNL, 476' FEL | Vernal | Jonah |
| Balcron Monument Fed. #41-14J | Monument Butte | NE NE | 14 | 9S | 16E | Duchesne | UT | WW | Green River | U-096550 | 43-013-31408 | 363' FNL, 600' FEL | Vernal | Jonah |
| Balcron Monument Fed. #41-15 | Monument Butte | NE NE | 15 | 9S | 16E | Duchesne | UT | WW | Green River | U-017985 | 43-013-31367 | 460' FNL, 500' FEL | Vernal | Jonah |
| Balcron Monument Fed. #41-17 | Monument Butte | NE NE | 17 | 9S | 17E | Duchesne | UT | Oil | Green River | UTU-72106 | 43-013-31466 | 660' FNL, 660' FEL | Vernal | Beluga |
| Balcron Monument Fed. #41-26 | Monument Butte | NE NE | 26 | 8S | 17E | Uintah | UT | PND | Green River | U-67845 | 43-047-32456 | 660' FNL, 500' FEL | Vernal | |
| Balcron Monument Fed. #42-11J | Monument Butte | SE NE | 11 | 9S | 16E | Duchesne | UT | Oil | Green River | U-096550 | 43-013-30066 | 1992' FNL, 496' FEL | Vernal | Jonah |
| Balcron Monument Fed. #42-12J | Monument Butte | SE NE | 12 | 9S | 16E | Duchesne | UT | Oil | Green River | U-035521 | 43-013-31486 | 2550' FNL, 391' FEL | Vernal | Jonah |
| Balcron Monument Fed. #42-14J | Monument Butte | SE NE | 14 | 9S | 16E | Duchesne | UT | PND | Green River | U-096550 | 43-013-21491 | 1882' FNL, 773' FEL | Vernal | Jonah |
| Balcron Monument Fed. #42-17 | Monument Butte | SE NE | 17 | 9S | 17E | Duchesne | UT | Oil | Green River | UTU-72106 | 43-013-31467 | 1800' FNL, 700' FEL | Vernal | Beluga |
| Balcron Monument Fed. #42-18 | Monument Butte | SE NE | 18 | 9S | 17E | Duchesne | UT | PND | Green River | UTU-72106 | 43-013-31433 | 1800' FNL, 800' FEL | Vernal | |
| Balcron Monument Fed. #42-1J | Monument Butte | SE NE | 1 | 9S | 16E | Duchesne | UT | WW | Green River | U-40652 | 43-013-31404 | 2087' FNL, 692' FEL | Vernal | Jonah |
| Balcron Monument Fed. #42-26 | Undesignated | SE NE | 26 | 8S | 17E | Uintah | UT | PND | Green River | U-67845 | | 2100' FNL, 660' FEL | Vernal | |
| Balcron Monument Fed. #42-6 | Monument Butte | SE NE | 6 | 9S | 17E | Duchesne | UT | WW | Green River | U-020252-A | 43-013-31364 | 1806' FNL, 921' FEL | Vernal | Jonah |
| Balcron Monument Fed. #43-11J | Monument Butte | NE SE | 11 | 9S | 16E | Duchesne | UT | WW | Green River | U-096550 | 43-013-31002 | 2127' FSL, 693' FEL | Vernal | Jonah |
| Balcron Monument Fed. #43-26 | Undesignated | NE SE | 26 | 8S | 17E | Uintah | UT | PND | Green River | U-67845 | | 1880' FSL, 379' FEL | Vernal | |
| Balcron Monument Fed. #43-7 | Monument Butte | NE SE | 7 | 9S | 17E | Duchesne | UT | Oil | Green River | UTU-72106 | 43-013-31432 | 1850' FSL, 850' FEL | Vernal | Beluga |
| Balcron Monument Fed. #44-1J | Monument Butte | SE SE | 1 | 9S | 16E | Duchesne | UT | WW | Green River | U-44426 | 43-013-31415 | 338' FSL, 859' FEL | Vernal | Jonah |
| Balcron Monument State #12-2 | Undesignated | SW NW | 2 | 9S | 17E | Duchesne | UT | Oil | Green River | ML-45555 | 43-013-31481 | 1980' FNL, 660' FWL | | |
| Balcron Monument State #13-2 | Undesignated | NW SW | 2 | 9S | 17E | Duchesne | UT | Oil | Green River | ML-45555 | 43-013-31482 | 2210' FSL, 604' FWL | | |
| Balcron Monument State #14-2 | Undesignated | SW SW | 2 | 9S | 17E | Duchesne | UT | Oil | Green River | ML-45555 | 43-013-31425 | 513' FSL, 787' FWL | | |
| Balcron Monument State #21-2-9-17 | Undesignated | NE NW | 2 | 9S | 17E | Uintah | UT | Oil | Green River | ML-45555 | 43-047-32703 | 821' FNL, 2187' FWL | | |
| Balcron Monument State #22-2 | Undesignated | SE NW | 2 | 9S | 17E | Uintah | UT | Oil | Green River | ML-45555 | 43-047-32610 | 1980' FNL, 1980' FWL | | |
| Balcron Monument State #23-2 | Undesignated | NE SW | 2 | 9S | 17E | Uintah | UT | WSW | Green River | ML-45555 | 43-047-32613 | 1980' FSL, 1980' FWL | | |
| Balcron Monument State #24-2 | Undesignated | SE SW | 2 | 9S | 17E | Uintah | UT | Oil | Green River | ML-45555 | 43-047-32612 | 660' FSL, 1980' FWL | | |
| Balcron Monument State #32-2 | Undesignated | SW NE | 2 | 9S | 17E | Uintah | UT | PND | Green River | ML-45555 | 43-047-32609 | 1980' FNL, 1980' FEL | | |
| Balcron Monument State #34-2 | Undesignated | SW SE | 2 | 9S | 17E | Uintah | UT | PND | Green River | ML-45555 | 43-047-32611 | 800' FSL, 1980' FEL | | |

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

| | |
|---|-----------|
| 1 | LE 7-SJ |
| 2 | DES-FILE |
| 3 | VLD (GIL) |
| 4 | RJE |
| 5 | LE |
| 6 | FILM |

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator **KKK Operator Name Change Only**

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

| | | |
|-------------------|--|---------------------------------------|
| TO (new operator) | <u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator) | <u>EQUITABLE RESOURCES ENERGY CO</u> |
| (address) | <u>1601 LEWIS AVE</u> | (address) <u>BALCRON OIL DIVISION</u> |
| | <u>BILLINGS MT 59102-4126</u> | <u>1601 LEWIS AVE</u> |
| | | <u>BILLINGS MT 59102-4126</u> |
| | phone <u>(406) 259-7860</u> | phone <u>(406) 259-7860</u> |
| | account no. <u>N9890</u> | account no. <u>N9890</u> |

Well(s) (attach additional page if needed):

| | | | | | | |
|-------------------------------|-----------------------|---------------|-----------|-----------|-----------|-------------------|
| Name: **SEE ATTACHED** | API: <u>D13-31416</u> | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |
| Name: _____ | API: _____ | Entity: _____ | Sec _____ | Twp _____ | Rng _____ | Lease Type: _____ |

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-4-96 & 4-8-96)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yes 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yes 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Seleo Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
sent to Ed Bonner - Trust Lands

FILMING

- WDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/20/10 Blm/BIA "Formal approval not necessary"

STATE OF UTAH
INVENTORY OF INJECTION WELLS

| OPERATOR | API NO. | WELL | TNS | RGE | SE | WELLTYPE | INDIAN COUNT |
|--------------|--------------|--------------|-----|----------------|----|----------|--------------|
| ***** | ***** | ***** | *** | *** | ** | ***** | ***** |
| CROSS CREEK | 43-037-20117 | NAVAJO A #1 | 41S | 26E | 5 | INJD | Y |
| CROSS CREEK | 43-037-20164 | NAVAJO A #3 | 41S | 26E | 5 | INJI | Y |
| ENSERCH EXPL | 43-013-31240 | FEDERAL 43-3 | 08S | 16E | 33 | INJW | N |
| ENSERCH EXPL | 43-013-31269 | FEDERAL 34-3 | 08S | 16E | 33 | INJW | N |
| ENSERCH EXPL | 43-013-31229 | FEDERAL 14-3 | 08S | 16E | 33 | INJW | N |
| ENSERCH EXPL | 43-013-31225 | FEDERAL 14-3 | 08S | 16E | 34 | INJW | N |
| ENSERCH EXPL | 43-013-31272 | FEDERAL 21-4 | 09S | 16E | 4 | INJW | N |
| ENSERCH EXPL | 43-013-30670 | FEDERAL 32-5 | 09S | 16E | 5 | INJW | N |
| ENSERCH EXPL | 43-013-31205 | FEDERAL 41-5 | 09S | 16E | 5 | INJW | N |
| ENSERCH EXPL | 43-047-32248 | 1-26B | 09S | 19E | 26 | INJG | N |
| ENSERCH EXPL | 43-013-30913 | 44-5H | 09S | 17E | 5 | INJW | N |
| ENSERCH EXPL | 43-013-30678 | 42-8H | 09S | 17E | 8 | INJW | N |
| ENSERCH EXPL | 43-013-31457 | 22-8H | 09S | 17E | 8 | INJW | N |
| ENSERCH EXPL | 43-013-30679 | 31-8H | 09S | 17E | 8 | INJW | N |
| ENSERCH EXPL | 43-013-31049 | 22-9H | 09S | 17E | 9 | INJW | N |
| ENSERCH EXPL | 43-013-30682 | 24-9H | 09S | 17E | 9 | INJW | N |
| ENSERCH EXPL | 43-013-30887 | 11-9H | 09S | 17E | 9 | INJW | N |
| ENSERCH EXPL | 43-013-31108 | 33-9H | 09S | 17E | 9 | INJW | N |
| ENSERCH EXPL | 43-013-30656 | 13-9H | 09S | 17E | 9 | INJW | N |
| EQUITABLE RE | 43-013-31362 | FEDERAL 11-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | 43-013-31361 | FEDERAL 33-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | 43-013-31363 | FEDERAL 24-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | 43-013-31364 | FEDERAL 42-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | 43-013-30919 | FEDERAL 22-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | 43-013-15779 | FEDERAL 1-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | 43-013-30918 | FEDERAL 13-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | 43-047-15681 | PARIETTE BEN | 09S | 19E | 7 | INJD | Y |
| EQUITABLE RE | 43-013-31404 | 42-1J | 09S | 16E | 1 | INJW | Y |
| EQUITABLE RE | 43-013-31415 | 44-1J | 09S | 16E | 1 | INJW | Y |
| EQUITABLE RE | 43-013-30702 | FEDERAL 1-13 | 09S | 16E | 1 | INJW | N |
| EQUITABLE RE | 43-013-30735 | FEDERAL 1-33 | 09S | 16E | 1 | INJW | N |
| EQUITABLE RE | 43-013-30701 | 1-24 | 09S | 16E | 1 | INJW | N |
| EQUITABLE RE | 43-013-31384 | 22-5 | 09S | 16E | 5 | INJW 17E | Y |
| EQUITABLE RE | 43-013-31416 | 34-10J | 09S | 16E | 10 | INJW | N |
| EQUITABLE RE | 43-013-31002 | 43-11J | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | 43-013-31369 | 23-11J | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | 43-013-31417 | 12-11J | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | 43-013-31386 | 32-11J | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | 43-013-31003 | FEDERAL 34-1 | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | 43-013-31374 | 14-11J | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | 43-013-31410 | 12-12J | 09S | 16E | 12 | INJW | N |
| EQUITABLE RE | 43-013-31411 | 14-12J | 09S | 16E | 12 | INJW | N |
| EQUITABLE RE | 43-013-30742 | GOVT C&O #4 | 09S | 16E | 12 | INJW | N |
| EQUITABLE RE | 43-013-31419 | 32-12J | 09S | 16E | 12 | INJW | N |
| EQUITABLE RE | 43-013-31408 | 41-14J | 09S | 16E | 14 | INJW | N |
| EQUITABLE RE | 43-013-31421 | 21-14J | 09S | 16E | 14 | INJW | N |
| EQUITABLE RE | 43-013-31367 | 41-15J | 09S | 16E | 15 | INJW | N |
| EQUITABLE RE | 43-013-31373 | 23-15J | 09S | 16E | 15 | INJW | N |
| EQUITABLE RE | 43-013-31368 | 32-15J | 09S | 16E | 15 | INJW | N |
| EQUITABLE RE | 43-013-31375 | 24-5 | 09S | 17E | 5 | INJW | Y |
| EQUITABLE RE | 43-013-31370 | FEDERAL 13-5 | 09S | 17E | 5 | INJW | Y |
| EQUITABLE RE | 43-013-31195 | ALLEN FEDERA | 09S | 17E | 6 | INJW | N |
| EQUITABLE RE | 43-013-31405 | 31-7J | 09S | 17E | 7 | INJW | Y |
| EQUITABLE | 43-013-31492 | 11-7J | 9S | 17E | 7 | INJW | N |



**EQUITABLE RESOURCES
ENERGY COMPANY**

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.
Call if you need anything
further.*

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

| |
|---|
| 5. Lease Designation and Serial Number: See Attached |
| 6. If Indian, Allottee or Tribe Name: n/a |
| 7. Unit Agreement Name: See Attached |
| 8. Well Name and Number: See Attached |
| 9. API Well Number: See Attached |
| 10. Field and Pool, or Wildcat: See Attached |
| County: |
| State: |

1. Type of Well: OIL GAS OTHER: _____

2. Name of Operator: Inland Production Company

3. Address and Telephone Number: 475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well
Footages: See Attached Exhibit
OO, Sec., T., R., M.: _____

RECEIVED
OCT 13 1997

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other Change of Operator

- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Change of Operator

- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 16 1997

13. Name & Signature: Chris A. Potter **CHRIS A. POTTER, ATTORNEY-IN-FACT** Title: _____ Date: 9/30/97

(This space for State use only)

RECEIVED

OCT 10 1997

RECEIVED

OCT 13 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attached ****JONAH (GREEN RIVER) UNIT**
Field or Unit name: See Attached API no. See Attached
Well location: QQ See Attached section See Attached township See Attached range See Attached county See Attached
Effective Date of Transfer: September 30, 1997

CURRENT OPERATOR

Transfer approved by:

Name David M. McCoskery Company Equitable Resources Energy Co.
Signature [Signature] Address 1601 Lewis Avenue
Title Director of Operations & Engineering Billings, MT 59102
Date 9-30-97 Phone (406) 259-7860

Comments:

NEW OPERATOR

Transfer approved by:

Name Chris A. Potter Company Inland Production Company
Signature [Signature] Address 475 - 17th Street, Suite 1500
Title CHRIS A. POTTER, ATTORNEY-IN-FACT Denver, CO 80202
Date 9-30-97 Phone (303) 292-0900

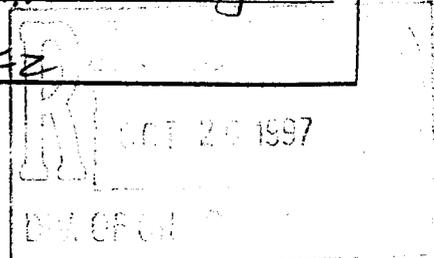
Comments:

(State use only)

Transfer approved by [Signature] Title Field Manager

Approval Date 1-20-98

CAUSE # 228-2



Injection wells

| Injection Wells for Inland Change of Operator | | | | | | | |
|---|----------------|----------|----|---------------------|-----------------|------------|---------------|
| WELL NAME | LOCATION | COUNTY | ST | FIELD NAME | API NUMBER | LEASE NO. | AGREEMENT NO. |
| ✓ AMERADA GUINAND #1 | SWNW 7 8S 25E | UINTAH | UT | COYOTE BASIN | 43-047-20245-00 | UTU016271V | UTU72085A |
| ✓ COYOTE BASIN #42-6X | SENE 6 8S 25E | UINTA | UT | COYOTE BASIN | 43-047-32346-00 | UTU017439B | UTU72085A |
| ✓ EAST RED WASH FED. #4-6 | SWSE 6 8S 25E | UINTAH | UT | COYOTE BASIN | 43-047-20261-00 | UTU020309D | UTU72085A |
| ✓ EAST RED WASH #2-5 | NWNW 5 8S 25E | UINTA | UT | COYOTE BASIN | 43-047-20252-00 | UTU063597A | UTU72085A |
| ✓ ALLEN FEDERAL #1 | SESE 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-15779-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #13-6 | NWSW 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30918-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #22-6 | SENE 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30919-00 | UTU020252A | UTU72086A |
| ✓ ALLEN FEDERAL #31-6 | LOT2 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31195-00 | UTU020252A | UTU72086A |
| ✓ MONUMENT BUTTE FED. #11-6 | NWNW 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31362-00 | UTU020252A | UTU72086A |
| ✓ MONUMENT FEDERAL #11-7J | NW NW 7 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31492-00 | UTU44426 | UTU72086A |
| ✓ MONUMENT BUTTE #13-5 | NWSW 5 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31370-00 | | UTU72086A |
| ✓ MONUMENT BUTTE #22-5 | SENE 5 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31384-00 | UTU020252 | UTU72086A |
| ✓ MONUMENT BUTTE #24-5 | SESW 5 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31375-00 | UTU020252 | UTU72086A |
| ✓ MONUMENT BUTTE FED. #24-6 | SESW 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31363-00 | UTU020252A | UTU72086A |
| ✓ MONUMENT BUTTE #31-7 | NWNE 7 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31405-00 | UTU72106 | UTU72086A |
| ✓ MONUMENT BUTTE FED. #33-6 | NWSE 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31361-00 | UTU020252A | UTU72086A |
| ✓ MONUMENT BUTTE FED. #42-6 | SENE 6 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31364-00 | UTU020252A | UTU72086A |
| ✓ MONUMENT BUTTE FED. #12-11 | SWNW 119S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31417-00 | UTU096550 | UTU72086A |
| ✓ MONUMENT BUTTE FED. #14-11 | SWSW 119S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31374-00 | UTU096547 | UTU72086A |
| ✓ MONUMENT BUTTE #12-12 | SWNW 129S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31410-00 | UTU096550 | UTU72086A |
| ✓ MONUMENT BUTTE #14-12 | SWSW 129S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31411-00 | | UTU72086A |
| ✓ MONUMENT BUTTE #21-14 | NENW 149S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31421-00 | | UTU72086A |
| ✓ MONUMENT BUTTE #23-11 | NESW 119S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31369-00 | UTU096550 | UTU72086A |
| ✓ MONUMENT BUTTE FED. #23-15 | NESW 159S 17E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31373-00 | UTU017985 | UTU72086A |
| ✓ MONUMENT BUTTE #32-11 | SWNE 119S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31386-00 | | UTU72086A |
| ✓ MONUMENT BUTTE #32-12 | SWNE 129S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31419-00 | | UTU72086A |
| ✓ MONUMENT BUTTE #41-14 | NENE 149S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31408-00 | UTU096550 | UTU72086A |
| ✓ MONUMENT BUTTE #43-11 | NESE 119S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31002-00 | UTU096550 | UTU72086A |
| ✓ MONUMENT BUTTE FED. #32-15 | SWNE 159S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31368-00 | UTU017985 | UTU72086A |
| ✓ MONUMENT BUTTE FED. #34-10 | SWSE 109S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31416-00 | UTU017985 | UTU72086A |
| ✓ MONUMENT BUTTE FED. #41-15 | NENE 159S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31367-00 | UTU017985 | UTU72086A |
| ✓ MONUMENT BUTTE FED. #42-1 | SENE 1 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31404-00 | UTU40652 | UTU72086A |
| ✓ MONUMENT BUTTE FED. #44-1J | SESE 1 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31415-00 | UTU44426 | UTU72086A |
| ✓ C&O GOV'T #4 | NESW 129S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30742-00 | UTU035521A | UTU72086A |
| ✓ MONUMENT BUTTE FED. #1-13 | NWSW 1 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30702-00 | UTU18399 | UTU72086A |
| ✓ MONUMENT BUTTE FED. #1-33 | NWSE 1 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30735-00 | UTU52013 | UTU72086A |
| ✓ MONUMENT BUTTE #1-24 | SESW 1 9S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-30701-00 | UTU18399 | UTU72086A |
| ✓ WALTON FEDERAL #34-11 | SWSE 119S 16E | DUCHESNE | UT | MONUMENT BUTTE (J) | 43-013-31003-00 | UTU096550 | UTU72086A |
| ✓ MONUMENT STATE #11-2-9-17CD | NW NW 2 9S 17E | DUCHESNE | UT | MONUMENT BUTTE (CD) | 43-013-42685 | ML 45555 | |

11422

11426

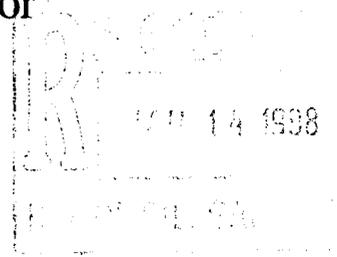
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11431



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
UT-931

January 13, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Jonah (Green River) Unit
Duchesne County, Utah

Gentlemen:

On January 13, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Jonah (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 13, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Jonah (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS
UTAH STATE OFFICE

| INSPECTION ITEM | API NO. | WELL NUMBER | QTQT | SEC | TWN | RNG | WELL STATUS | LEASE NAME | OPERATOR |
|------------------------------|---------------------------|------------------------------------|-----------------|---------------|---------------|----------------|----------------|----------------------|--------------------------------------|
| ** INSPECTION ITEM UTU72086A | | JONAH (GR) SECONDARY RECOVERY UNIT | | | | | | | |
| UTU72086A | 430131511100S1 | 1 | NWSW | 12 | 9S | 16E | POW | UTU035521A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131578000S1 | 1 | NWNW | 5 | 9S | 17E | POW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131577900S1 | 1 | SESE | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131578900S1 | 1 | SESW | 11 | 9S | 16E | POW | UTU096547 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579200S1 | 1 | SESE | 11 | 9S | 16E | POW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133070200S1 | 1-13 | NWSW | 1 | 9S | 16E | WIW | UTU18399 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133070300S1 | 1-14 | SWSW | 1 | 9S | 16E | POW | UTU18399 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133064600S1 | 1-23 | NESW | 1 | 9S | 16E | POW | UTU18399 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133070100S1 | 1-24 | SESW | 1 | 9S | 16E | WIW | UTU18399 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133073500S1 | 1-33 | NWSE | 1 | 9S | 16E | WIW | UTU52013 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133073600S1 | 1-34 | SWSE | 1 | 9S | 16E | POW | UTU52013 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133073400S1 | 1-43 | NESE | 1 | 9S | 16E | POW | UTU52013 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136200S1 | 11-6 | L4 | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133149200S1 | 11-7J | NWNW | 7 | 9S | 17E | WIW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133088900S1 | 12-1 | NWNE | 12 | 9S | 16E | POW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141700S1 | 12-11J | SWNW | 11 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141000S1 | 12-12J | SWNW | 12 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133061100S1 | 12-5 | SWNW | 5 | 9S | 17E | POW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133058200S1 | 12-6 | SWNW | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133149300S1 | 12-7J | SWNW | 7 | 9S | 17E | POW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579000S1 | 13-11J | NWSW | 11 | 9S | 16E | POW | UTU096547 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133137000S1 | 13-5 | NWSW | 5 | 9S | 17E | WIW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133091800S1 | 13-6 | NWSW | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133137400S1 | 14-11 | SWSW | 11 | 9S | 16E | WIW | UTU096547 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141100S1 | 14-12J | SWSW | 12 | 9S | 16E | WIW | UTU035521A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133138500S1 | 14-5 | SWSW | 5 | 9S | 17E | POW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131511200S1 | 2 | NWSE | 12 | 9S | 16E | POW | UTU035521 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579300S1 | 2 | NWNE | 14 | 9S | 16E | POW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133060300S1 | 2-1 | L1 | 1 | 9S | 16E | POW | UTU33992 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133140600X1 | 21-12J | NENW | 12 | 9S | 16E | ABD | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133142100S1 | 21-14J | NENW | 14 | 9S | 16E | WIW | UTU096547 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133142200X1 | 21-15J | NENW | 15 | 9S | 16E | ABD | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133061200S1 | 21-5 | NENW | 5 | 9S | 17E | POW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133058400S1 | 21-6 | L3 | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579600S2 | 22-12J | SENW | 12 | 9S | 16E | POW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133063400S1 | 22-15 | SENW | 15 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133138400S1 | 22-5 | SENW | 5 | 9S | 17E | WIW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133091900S1 | 22-6 | SENW | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136900S1 | 23-11 | NESW | 11 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133137300S1 | 23-15 | NESW | 15 | 9S | 16E | WIW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133138300S1 | 23-5 | NESW | 5 | 9S | 17E | POW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133055800S1 | 23-6 | NESW | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133140900S1 | 24-12J | SESW | 12 | 9S | 16E | POW | UTU035521A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133063100S1 | 24-15 | SESW | 15 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133137500S1 | 24-5 | SESW | 5 | 9S | 17E | WIW | UTU020252 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136300S1 | 24-6 | SESW | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579100S1 | 3 | NWNW | 14 | 9S | 16E | POW | UTU096547 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133061300S1 | 31-15 | NWNE | 15 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |

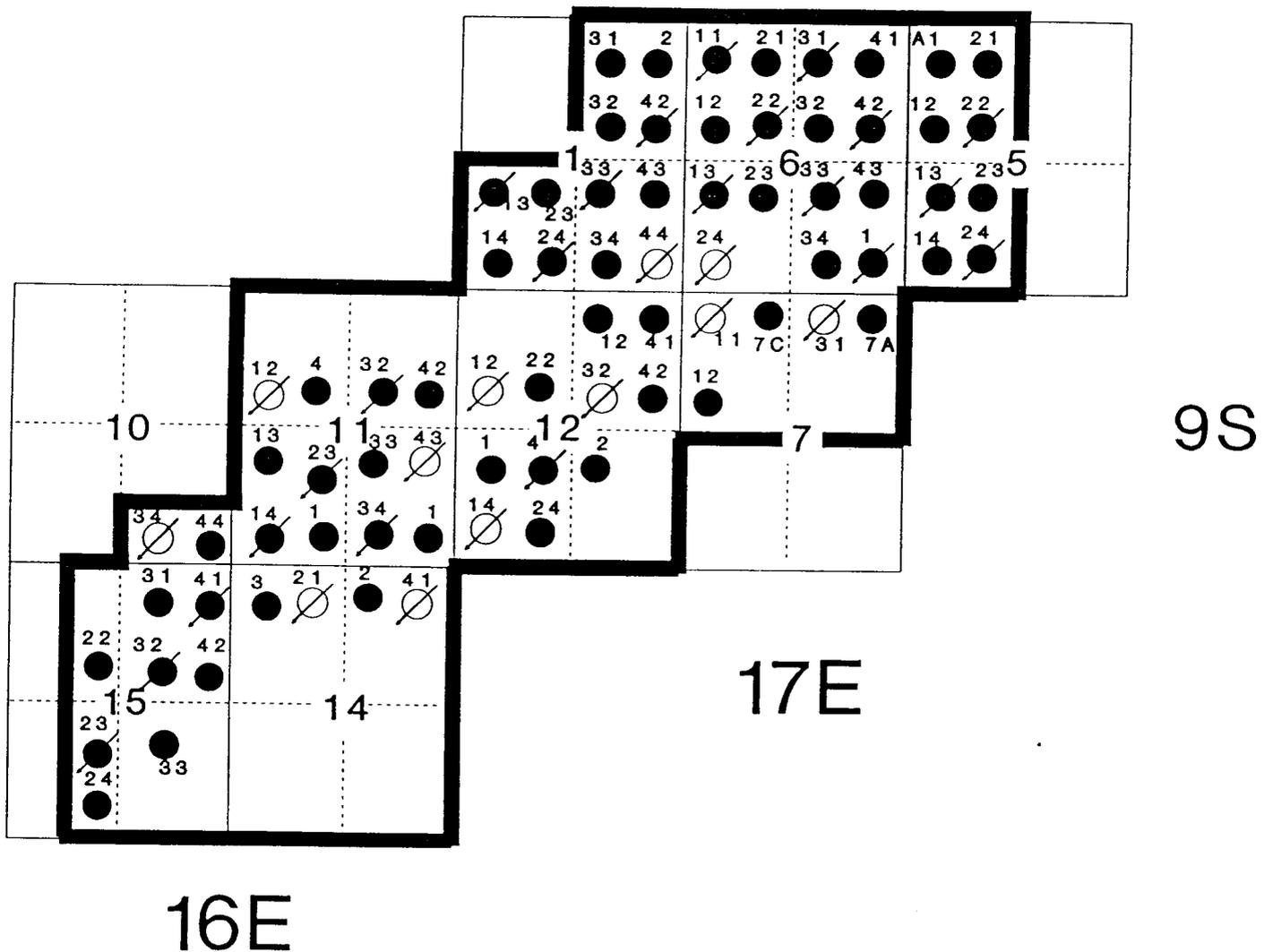
WELL STATUS REPORTS
UTAH STATE OFFICE

| INSPECTION ITEM | API NO. | WELL NUMBER | QTQT | SEC | TWN | RNG | WELL STATUS | LEASE NAME | OPERATOR |
|-----------------|----------------|-------------|------|-----|-----|-----|-------------|------------|---------------------------|
| UTU72086A | 430133141300S1 | 31-1J | L2 | 1 | 9S | 16E | POW | UTU33992 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133119500S1 | 31-6 | L2 | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133140500S1 | 31-7J | NWNE | 7 | 9S | 17E | WIW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133138600S1 | 32-11 | SWNE | 11 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141900S1 | 32-12J | SWNE | 12 | 9S | 16E | WIW | UTU035521 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136800S1 | 32-15 | SWNE | 15 | 9S | 16E | WIW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141400S1 | 32-1J | SWNE | 1 | 9S | 16E | POW | UTU33992 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133055900S1 | 32-6 | SWNE | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133145100S1 | 33-11J | NWSE | 11 | 9S | 16E | OSI | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133063200S1 | 33-15 | NWSE | 15 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136100S1 | 33-6 | NWSE | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141600S1 | 34-10J | SWSE | 10 | 9S | 16E | WIW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133100300S1 | 34-11 | SWSE | 11 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133058600S1 | 34-6 | SWSE | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133074200S1 | 4 | NESW | 12 | 9S | 16E | WIW | UTU035521A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430131579500S1 | 4 | SENW | 11 | 9S | 16E | POW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133148700S1 | 41-12J | NENE | 12 | 9S | 16E | POW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133140800S1 | 41-14J | NENE | 14 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136700S1 | 41-15 | NENE | 15 | 9S | 16E | WIW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133058100S1 | 41-6 | NENE | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133006600S1 | 42-11J | SENE | 11 | 9S | 16E | POW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133148600S1 | 42-12J | SENE | 12 | 9S | 16E | POW | UTU035521 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133063300S1 | 42-15 | SENE | 15 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133140400S1 | 42-1J | SENE | 1 | 9S | 16E | WIW | UTU40652 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133136400S1 | 42-6 | SENE | 6 | 9S | 17E | WIW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133100200S1 | 43-11J | NESE | 11 | 9S | 16E | WIW | UTU096550 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133058300S1 | 43-6 | NESE | 6 | 9S | 17E | POW | UTU020252A | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133063000S1 | 44-10 | SESE | 10 | 9S | 16E | POW | UTU017985 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133141500S1 | 44-1J | SESE | 1 | 9S | 16E | WIW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133092600S1 | 7-A | NENE | 7 | 9S | 17E | POW | UTU44426 | EQUITABLE RESOURCES ENERG |
| UTU72086A | 430133096100S1 | 7-C | NENW | 7 | 9S | 17E | POW | UTU44426 | EQUITABLE RESOURCES ENERG |

JONAH (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY
ALLOCATION
FEDERAL 100.00%

OPERATOR CHANGE WORKSHEET

| | |
|---------|----------|
| Routing | |
| 1-IEC ✓ | 6-NA ✓ |
| 2-CEH ✓ | 7-KAS ✓ |
| 3-DTS ✓ | 8-SI ✓ |
| 4-VLD ✓ | 9-FILE ✓ |
| 5-IRB ✓ | |

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
- Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

| | | | |
|---------------------------|----------------------------------|-----------------------------|-----------------------------------|
| TO: (new operator) | <u>INLAND PRODUCTION COMPANY</u> | FROM: (old operator) | <u>EQUITABLE RESOURCES ENERGY</u> |
| (address) | <u>PO BOX 1446</u> | (address) | <u>PO BOX 577</u> |
| | <u>ROOSEVELT UT 84066</u> | | <u>LAUREL MT 59044</u> |
| | | | <u>C/O CRAZY MTN O&G SVS</u> |
| Phone: | <u>(801)722-5103</u> | Phone: | <u>(406)628-4164</u> |
| Account no. | <u>N5160</u> | Account no. | <u>N9890</u> |

WELL(S) attach additional page if needed: ***JONAH (GREEN RIVER) UNIT**

| | | | | | | |
|-------------------------------|--------------------------|---------------|---------|---------|---------|--------------|
| Name: **SEE ATTACHED** | API: <u>43-013-31416</u> | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____ | API: _____ | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |

OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12-10-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 10-13-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-14-98) * UIC/Qua Hro Pro 1-14-98 & UIC/DBase 1-14-98.*
- lec 6. **Cardex** file has been updated for each well listed above.
- lec 7. Well **file labels** have been updated for each well listed above.
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-14-98)*
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

- J/c 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
Entity 11492 "Jonah (OP) Unit"
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A
J/c 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A
J/c 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- J/c 1. All attachments to this form have been **microfilmed**. Today's date: 2-3-98.

FILING

1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980114 Btm/SY Aprv. eff. 1-13-98.

STATE OF UTAH
INVENTORY OF INJECTION WELLS

| OPERATOR | API NO. | WELL | TNS | RGE | SE | WELLTYPE | INDIAN COUNT |
|--------------|---------------|--------------|-----|-----|----|----------|--------------|
| ***** | ***** | ***** | *** | *** | ** | ***** | ***** |
| COASTAL OIL | 43-013-30337 | G. HANSON #2 | 02S | 03W | 4 | INJD | Y |
| COASTAL OIL | 43-013-30038 | 2-23B4 LAKE | 02S | 04W | 23 | INJD | Y |
| COASTAL OIL | 43-013-30371 | L RUSSELL 2- | 02S | 04W | 32 | INJD | Y |
| COASTAL OIL | 43-013-30391 | EHRICH 2-11B | 02S | 05W | 11 | INJD | Y |
| COASTAL OIL | 43-013-30340 | LDS CHURCH # | 02S | 05W | 27 | INJD | Y |
| COASTAL OIL | 43-047-31996 | NBU 159 | 09S | 21E | 35 | INJD | Y |
| COCHRANE RES | 43-037-30815 | 3-23 | 38S | 25E | 23 | INJW | N |
| COCHRANE RES | 43-037-30690 | 1-25 | 38S | 25E | 25 | INJW | N |
| COCHRANE RES | 43-037-31145 | 4-25 | 38S | 25E | 25 | INJW | N |
| COCHRANE RES | 43-037-31761 | WDW 1 | 38S | 25E | 25 | INJD | N |
| COCHRANE RES | 43-037-30762 | 3-26 | 38S | 25E | 26 | INJW | N |
| CROSS CREEK | 43-037-16269 | SOUTH ISMAY | 41S | 26E | 5 | INJD | Y |
| CROSS CREEK | 43-037-20117 | NAVAJO A #1 | 41S | 26E | 5 | INJD | Y |
| CROSS CREEK | 43-037-20164 | NAVAJO A #3 | 41S | 26E | 5 | INJI | Y |
| ENSERCH EXPL | 43-013-31229 | FEDERAL 14-3 | 08S | 16E | 33 | INJW | N |
| ENSERCH EXPL | 43-013-31240 | FEDERAL 43-3 | 08S | 16E | 33 | INJW | N |
| ENSERCH EXPL | 43-013-31269 | FEDERAL 34-3 | 08S | 16E | 33 | INJW | N |
| ENSERCH EXPL | 43-013-31225 | FEDERAL 14-3 | 08S | 16E | 34 | INJW | N |
| ENSERCH EXPL | 43-013-31272 | FEDERAL 21-4 | 09S | 16E | 4 | INJW | N |
| ENSERCH EXPL | 43-013-31205 | FEDERAL 41-5 | 09S | 16E | 5 | INJW | N |
| ENSERCH EXPL | 43-013-30670 | FEDERAL 32-5 | 09S | 16E | 5 | INJW | N |
| ENSERCH EXPL | 43-013-30913 | 44-5H | 09S | 17E | 5 | INJW | N |
| ENSERCH EXPL | 43-013-30678 | 42-8H | 09S | 17E | 8 | INJW | N |
| ENSERCH EXPL | 43-013-31457 | 22-8H | 09S | 17E | 8 | INJW | N |
| ENSERCH EXPL | 43-013-30679 | 31-8H | 09S | 17E | 8 | INJW | N |
| ENSERCH EXPL | 43-013-31049 | 22-9H | 09S | 17E | 9 | INJW | N |
| ENSERCH EXPL | 43-013-30887 | 11-9H | 09S | 17E | 9 | INJW | N |
| ENSERCH EXPL | 43-013-31108 | 33-9H | 09S | 17E | 9 | INJW | N |
| ENSERCH EXPL | 43-013-30682 | 24-9H | 09S | 17E | 9 | INJW | N |
| ENSERCH EXPL | 43-013-30656 | 13-9H | 09S | 17E | 9 | INJW | N |
| EQUITABLE RE | ✓43-013-31364 | FEDERAL 42-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | ✓43-013-31361 | FEDERAL 33-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | ✓43-013-15779 | FEDERAL 1-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | ✓43-013-31362 | FEDERAL 11-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | ✓43-013-30919 | FEDERAL 22-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | ✓43-013-31363 | FEDERAL 24-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | ✓43-013-30918 | FEDERAL 13-6 | 09S | 17E | 6 | INJW | Y |
| EQUITABLE RE | ✓43-047-15681 | PARIETTE BEN | 09S | 19E | 7 | INJD | Y |
| EQUITABLE RE | ✓43-013-30735 | FEDERAL 1-33 | 09S | 16E | 1 | INJW | N |
| EQUITABLE RE | ✓43-013-30702 | FEDERAL 1-13 | 09S | 16E | 1 | INJW | N |
| EQUITABLE RE | ✓43-013-30701 | 1-24 | 09S | 16E | 1 | INJW | N |
| EQUITABLE RE | ✓43-013-31404 | 42-1J | 09S | 16E | 1 | INJW | Y |
| EQUITABLE RE | ✓43-013-31415 | 44-1J | 09S | 16E | 1 | INJW | Y |
| EQUITABLE RE | ✓43-013-31416 | 34-10J | 09S | 16E | 10 | INJW | N |
| EQUITABLE RE | ✓43-013-31002 | 43-11J | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | ✓43-013-31369 | 23-11J | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | ✓43-013-31417 | 12-11J | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | ✓43-013-31386 | 32-11J | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | ✓43-013-31374 | 14-11J | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | ✓43-013-31003 | FEDERAL 34-1 | 09S | 16E | 11 | INJW | N |
| EQUITABLE RE | ✓43-013-31419 | 32-12J | 09S | 16E | 12 | INJW | N |
| EQUITABLE RE | ✓43-013-31411 | 14-12J | 09S | 16E | 12 | INJW | N |
| EQUITABLE RE | ✓43-013-30742 | GOVT C&O #4 | 09S | 16E | 12 | INJW | N |

INJECTION WELL - PRESSURE TEST

Well Name: BALCON MON FED 34-10J API Number: 43-013-31416
 Qtr/Qtr: SU/SE Section: 10 Township: 9S Range: 16E
 Company Name: IMANO PRODUCTION COMPANY
 Lease: State _____ Fee _____ Federal U-44426 Indian _____
 Inspector: Dennis L. Lynn Date: 06-01-00

Initial Conditions:

Tubing - Rate: _____ Pressure: 1760 psi
 Casing/Tubing Annulus - Pressure: 1070 psi

Conditions During Test:

| Time (Minutes) | Annulus Pressure | Tubing Pressure |
|----------------|------------------|-----------------|
| 0 | <u>1070 PSI</u> | <u>1760 PSI</u> |
| 5 | <u>1070 PSI</u> | <u>1760 "</u> |
| 10 | <u>1070 "</u> | <u>1760 "</u> |
| 15 | <u>1070 "</u> | <u>1760 "</u> |
| 20 | <u>1070 "</u> | <u>1760 "</u> |
| 25 | <u>1070</u> | <u>1760 "</u> |
| 30 | <u>1070</u> | <u>1760 "</u> |

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1760 psi
 Casing/Tubing Annulus Pressure: 1070 psi

COMMENTS: TESTED FOR 5 year Rate. Injecting @ 44.6 BPD DURING TEST. Also Recorded on Bpator Meter

TEST @ 2:20 PM to 3:10 PM

Roy Lubell
 Operator Representative

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

| | | | |
|---|--|--|------------------------|
| 1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.) | | 5. LEASE DESIGNATION AND SERIAL NO. U-017985 | |
| | | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A | |
| OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> INJECTOR | | 7. UNIT AGREEMENT NAME JONAH | |
| 2. NAME OF OPERATOR INLAND PRODUCTION COMPANY | | 8. FARM OR LEASE NAME MONUMENT FEDERAL 34-10J | |
| 3. ADDRESS OF OPERATOR Route 3, Box 3630, Myton Utah 84052 (435-646-3721) | | 9. WELL NO. MONUMENT FEDERAL 34-10J | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/SE 0592 FSL 1979 FEL | | 10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE | |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/SE Section 10, T09S R16E | |
| 14. API NUMBER 43-013-31416 | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5718 GR | 12. COUNTY OR PARISH DUCHESNE | 13. STATE UT |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> | FRACTURE TREATMENT <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> | SHOOTING OR ACIDIZING <input type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | <input type="checkbox"/> | (OTHER) <u>5-Year M.I.T.</u> | <input checked="" type="checkbox"/> |
| (OTHER) <input type="checkbox"/> | <input type="checkbox"/> | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) | |

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A MIT was performed on the subject well to fulfill the 5 year requirement. Mr. Dennis Ingram of the State DOGM was notified of the intent to conduct an MIT on May 30, 2000. On June 1, 2000 the casing annulus was pressured to 1070 psi and maintained for 30 minutes with no pressure loss. Mr. Ingram was able to witness and approved the test.

18 I hereby certify that the foregoing is true and correct
 SIGNED Jody Liddell TITLE Production Foreman DATE 6/2/00

(This space for Federal or State office use)
 APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

COPY SENT TO OPERATOR
 Date: 6/6/00
 Initials: CLD

Accepted by the
 Utah Division of
 Oil, Gas and Mining
 * See Instructions On Reverse Side
 Date: 6/5/00
 By: [Signature]

RECEIVED
 JUN 05 2000
 DIVISION OF
 OIL, GAS AND MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: DENNIS INGRAM Date 6/1/00 Time 2:20 am pm

Test Conducted by: Roy Liddell

Others Present: _____

| | |
|--|--|
| Well: M.F. 34-102-9-16 | Field: Monument Butte |
| Well Location: SW/SE Sec. 10, T9S, R16E | API No: 43-013-3146 Duchesne Co, UTAH |

| Time | Casing Pressure | |
|--------|-----------------|------|
| 0 min | <u>1070</u> | psig |
| 5 | <u>1070</u> | psig |
| 10 | <u>1070</u> | psig |
| 15 | <u>1070</u> | psig |
| 20 | <u>1070</u> | psig |
| 25 | <u>1070</u> | psig |
| 30 min | <u>1070</u> | psig |
| 35 | _____ | psig |
| 40 | _____ | psig |
| 45 | _____ | psig |
| 50 | _____ | psig |
| 55 | _____ | psig |
| 60 min | _____ | psig |

RECEIVED

JUN 05 2000

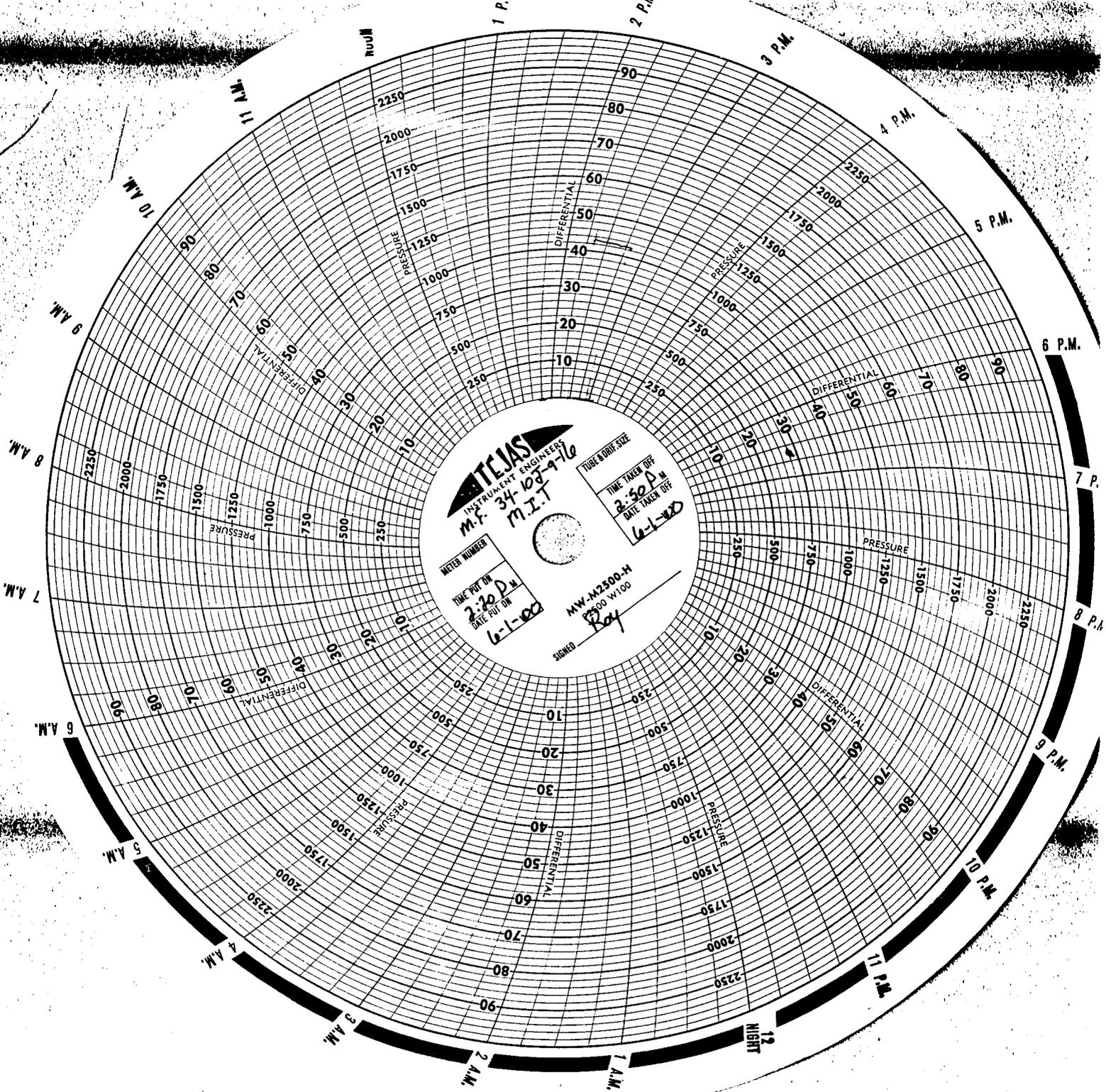
DIVISION OF
OIL, GAS AND MINING

Tubing pressure: 1760 psig Injecting @ 4460 BPD

Result: Pass Fail

Signature of Witness: Dennis Ingram

Signature of Person Conducting Test: Roy Liddell



RECEIVED

JUN 05 1962

DIVISION OF
 OIL, GAS AND MINING



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

| | | | | | |
|---------|--------|--------|--------|-------|--------|
| UTSL- | 15855 | 61052 | 73088 | 76561 | |
| 071572A | 16535 | 62848 | 73089 | 76787 | |
| 065914 | 16539 | 63073B | 73520A | 76808 | |
| | 16544 | 63073D | 74108 | 76813 | |
| | 17036 | 63073E | 74805 | 76954 | 63073X |
| | 17424 | 63073O | 74806 | 76956 | 63098A |
| | 18048 | 64917 | 74807 | 77233 | 68528A |
| UTU- | 18399 | 64379 | 74808 | 77234 | 72086A |
| | 19267 | 64380 | 74389 | 77235 | 72613A |
| 02458 | 26026A | 64381 | 74390 | 77337 | 73520X |
| 03563 | 30096 | 64805 | 74391 | 77338 | 74477X |
| 03563A | 30103 | 64806 | 74392 | 77339 | 75023X |
| 04493 | 31260 | 64917 | 74393 | 77357 | 76189X |
| 05843 | 33992 | 65207 | 74398 | 77359 | 76331X |
| 07978 | 34173 | 65210 | 74399 | 77365 | 76788X |
| 09803 | 34346 | 65635 | 74400 | 77369 | 77098X |
| 017439B | 36442 | 65967 | 74404 | 77370 | 77107X |
| 017985 | 36846 | 65969 | 74405 | 77546 | 77236X |
| 017991 | 38411 | 65970 | 74406 | 77553 | 77376X |
| 017992 | 38428 | 66184 | 74411 | 77554 | 78560X |
| 018073 | 38429 | 66185 | 74805 | 78022 | 79485X |
| 019222 | 38431 | 66191 | 74806 | 79013 | 79641X |
| 020252 | 39713 | 67168 | 74826 | 79014 | 80207X |
| 020252A | 39714 | 67170 | 74827 | 79015 | 81307X |
| 020254 | 40026 | 67208 | 74835 | 79016 | |
| 020255 | 40652 | 67549 | 74868 | 79017 | |
| 020309D | 40894 | 67586 | 74869 | 79831 | |
| 022684A | 41377 | 67845 | 74870 | 79832 | |
| 027345 | 44210 | 68105 | 74872 | 79833 | |
| 034217A | 44426 | 68548 | 74970 | 79831 | |
| 035521 | 44430 | 68618 | 75036 | 79834 | |
| 035521A | 45431 | 69060 | 75037 | 80450 | |
| 038797 | 47171 | 69061 | 75038 | 80915 | |
| 058149 | 49092 | 69744 | 75039 | 81000 | |
| 063597A | 49430 | 70821 | 75075 | | |
| 075174 | 49950 | 72103 | 75078 | | |
| 096547 | 50376 | 72104 | 75089 | | |
| 096550 | 50385 | 72105 | 75090 | | |
| | 50376 | 72106 | 75234 | | |
| | 50750 | 72107 | 75238 | | |
| 10760 | 51081 | 72108 | 76239 | | |
| 11385 | 52013 | 73086 | 76240 | | |
| 13905 | 52018 | 73087 | 76241 | | |
| 15392 | 58546 | 73807 | 76560 | | |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office
From: Acting Chief, Branch of Fluid Minerals
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

| | | |
|---|--------------|---|
| Well Name and Number See Attached List | | API Number |
| Location of Well | | Field or Unit Name See Attached List |
| Footage : | County : | Lease Designation and Number |
| QQ, Section, Township, Range: | State : UTAH | |

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

| | |
|---|---------------------------------------|
| Company: <u>Inland Production Company</u> | Name: <u>Brian Harris</u> |
| Address: <u>1401 17th Street Suite 1000</u> | Signature: <u><i>Brian Harris</i></u> |
| <u>city Denver state Co zip 80202</u> | Title: <u>Engineering Tech.</u> |
| Phone: <u>(303) 893-0102</u> | Date: <u>9/15/2004</u> |
| Comments: | |

NEW OPERATOR

| | |
|---|---------------------------------------|
| Company: <u>Newfield Production Company</u> | Name: <u>Brian Harris</u> |
| Address: <u>1401 17th Street Suite 1000</u> | Signature: <u><i>Brian Harris</i></u> |
| <u>city Denver state Co zip 80202</u> | Title: <u>Engineering Tech.</u> |
| Phone: | Date: <u>9/15/2004</u> |
| Comments: | |

(This space for State use only)

Transfer approved by: *A. Hunt* Approval Date: 9-20-04
 Title: Perk. Services Manager

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

| |
|---------|
| 1. GLH |
| 2. CDW |
| 3. FILE |

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

| | |
|---|--|
| FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721 | TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721 |
|---|--|

CA No.

Unit:

JONAH (GREEN RIVER)

WELL(S)

| NAME | SEC | TWN | RNG | API NO | ENTITY NO | LEASE TYPE | WELL TYPE | WELL STATUS |
|---------------------|-----|------|------|------------|-----------|------------|-----------|-------------|
| MONUMENT FED 31-1J | 01 | 090S | 160E | 4301331413 | 11492 | Federal | OW | P |
| MONUMENT FED 32-1J | 01 | 090S | 160E | 4301331414 | 11492 | Federal | OW | P |
| MON FED 44-1J | 01 | 090S | 160E | 4301331415 | 11492 | Federal | WI | A |
| MON FED 34-10J | 10 | 090S | 160E | 4301331416 | 11492 | Federal | WI | A |
| MON FED 12-11J | 11 | 090S | 160E | 4301331417 | 11492 | Federal | WI | A |
| MONUMENT FED 33-11J | 11 | 090S | 160E | 4301331451 | 11492 | Federal | OW | P |
| MONUMENT FED 24-12J | 12 | 090S | 160E | 4301331409 | 11492 | Federal | OW | P |
| MON FED 12-12J | 12 | 090S | 160E | 4301331410 | 11492 | Federal | WI | A |
| MON FED 14-12J | 12 | 090S | 160E | 4301331411 | 11492 | Federal | WI | A |
| MON FED 32-12J | 12 | 090S | 160E | 4301331419 | 11492 | Federal | WI | A |
| MON FED 42-12J | 12 | 090S | 160E | 4301331486 | 11492 | Federal | WI | A |
| MONUMENT FED 41-12J | 12 | 090S | 160E | 4301331487 | 11492 | Federal | OW | P |
| MON FED 41-14J | 14 | 090S | 160E | 4301331408 | 11492 | Federal | WI | A |
| MON FED 21-14J | 14 | 090S | 160E | 4301331421 | 11492 | Federal | WI | A |
| MONUMENT FED 21-15J | 15 | 090S | 160E | 4301331422 | 11492 | Federal | NA | PA |
| MON FED 31-7J | 07 | 090S | 170E | 4301331405 | 11492 | Federal | WI | A |
| MON FED 11-7J | 07 | 090S | 170E | 4301331492 | 11492 | Federal | WI | A |
| MONUMENT FED 12-7J | 07 | 090S | 170E | 4301331493 | 11492 | Federal | OW | P |
| JONAH 6-7 | 07 | 090S | 170E | 4301331987 | 11492 | Federal | WI | A |
| JONAH 7-7 | 07 | 090S | 170E | 4301331988 | 11492 | Federal | OW | P |
| | | | | | | | | |
| | | | | | | | | |

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

RECEIVED

MAY 23 2005

DIV. OF OIL, GAS & MINING

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

| | |
|------------------------------|---|
| Test Date: <u>5/20/05</u> | Well Owner/Operator: <u>New Field</u> |
| Disposal Well: _____ | Enhanced Recovery Well: <u>X</u> Other: _____ |
| API No.: <u>43-013-31416</u> | Well Name/Number: <u>BMF 34-10J</u> |
| Section: <u>10</u> | Township: <u>9S</u> Range: <u>16E</u> |

Initial Conditions:

Tubing - Rate: 0 Pressure: 1900 psi

Casing/Tubing Annulus - Pressure: 1240 psi

Conditions During Test:

| Time (Minutes) | Annulus Pressure | Tubing Pressure |
|----------------|------------------|-----------------|
| 0 | <u>1240</u> | <u>1900</u> |
| 5 | } | } |
| 10 | | |
| 15 | | |
| 20 | | |
| 25 | } | } |
| 30 | | |

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1900 psi

Casing/Tubing Annulus Pressure: 1240 psi

REMARKS:

5 year test

[Signature]
Operator Representative

David W. Hackford
DOGDM Witness

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
 UTU017985

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
 JONAH UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER Injection well

8. WELL NAME and NUMBER:
 MON FED 34-10J

2. NAME OF OPERATOR:
 Newfield Production Company

9. API NUMBER:
 4301331416

3. ADDRESS OF OPERATOR:
 Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
 Monument Butte

4. LOCATION OF WELL:
 FOOTAGES AT SURFACE: 0592 FSL 1979 FEL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/SE, 10, T9S, R16E

STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|---|
| | SubDate | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/20/2005 | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARILY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - 5 Year MIT |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 5-18-05 Dave Hackford with the State of Utah DOGM was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 520-05. On 5-20-05 the csg was pressured up to 1260 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1900 psig during the test. There was a State representative available to witness the test Dave Hackford. API# 43-013-31416.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
 Date: 05-25-05
 By: *[Signature]*

RECEIVED
 5-26-05
 CHD

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE *[Signature]*

DATE 05/24/2005

(This space for State use only)

RECEIVED
 MAY 25 2005
 DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 34052
435-646-3721

Witness: David Mackford Date 5/20/05 Time 12:00 am pm

Test Conducted by: Matthew Bertoch

Others Present: _____

| | |
|---------------------------------------|-------------------------|
| Well: Monument Federal 31-10J-9-16 | Field: Jonah UTE-720864 |
| Well Location: SW/SE, Sec 10-T9S-R16E | API No: 43-013-31416 |

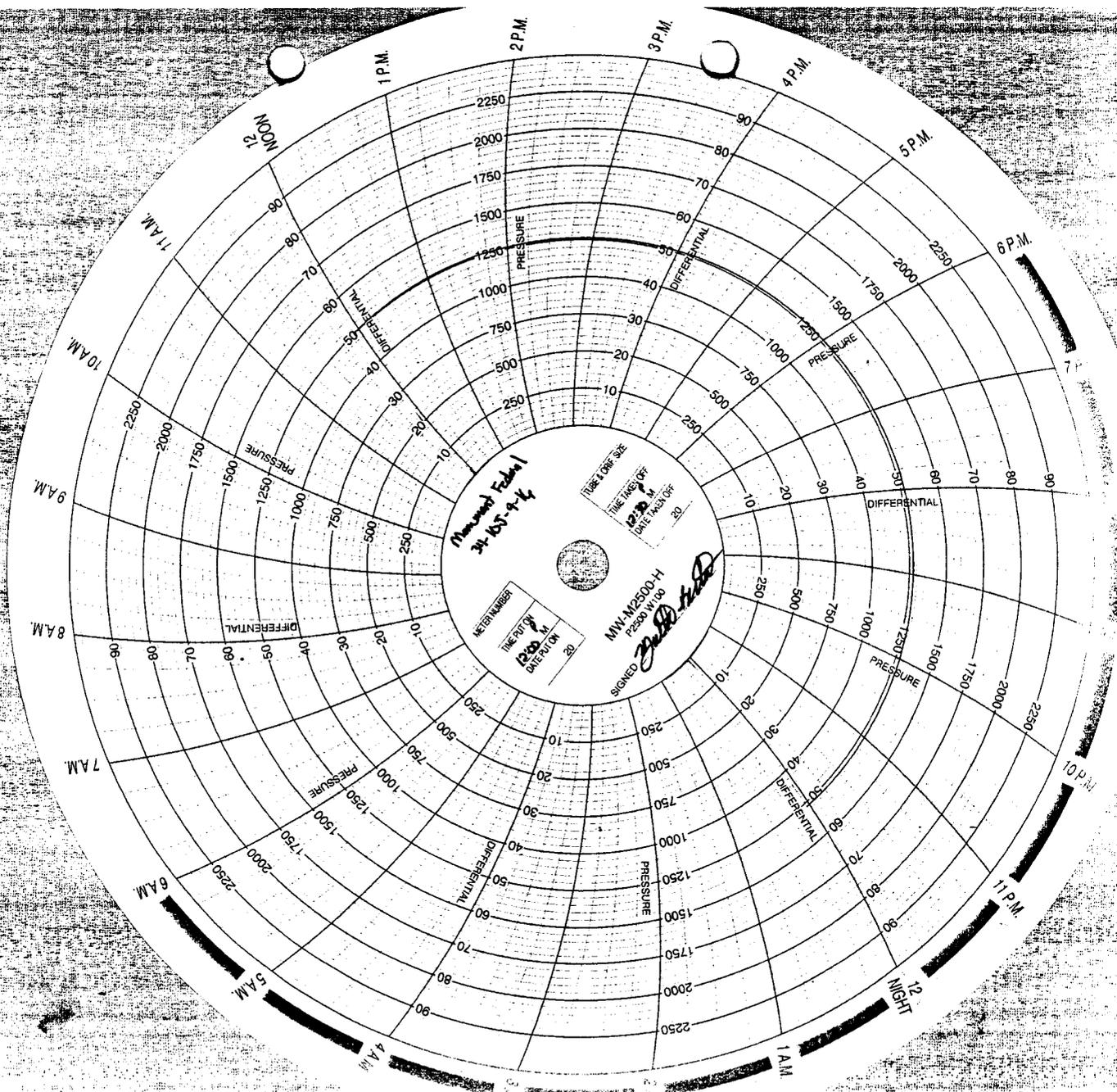
| Time | Casing Pressure | |
|--------|-----------------|------|
| 0 min | <u>1260</u> | psig |
| 5 | <u>1260</u> | psig |
| 10 | <u>1260</u> | psig |
| 15 | <u>1260</u> | psig |
| 20 | <u>1260</u> | psig |
| 25 | <u>1260</u> | psig |
| 30 min | <u>1260</u> | psig |
| 35 | _____ | psig |
| 40 | _____ | psig |
| 45 | _____ | psig |
| 50 | _____ | psig |
| 55 | _____ | psig |
| 60 min | _____ | psig |

Tubing pressure: 1900 psig

Result: Pass Fail

Signature of Witness: David W. Mackford (DOGMA)

Signature of Person Conducting Test: Matthew Bertoch



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-017985

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MON FED 34-10J

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331416

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 592 FSL 1979 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 10, T9S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION | | |
|---|---|---|--|
| <input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ | <input type="checkbox"/> ACIDIZE | <input type="checkbox"/> DEEPEN | <input type="checkbox"/> REPERFORATE CURRENT FORMATION |
| | <input type="checkbox"/> ALTER CASING | <input type="checkbox"/> FRACTURE TREAT | <input type="checkbox"/> SIDETRACK TO REPAIR WELL |
| | <input type="checkbox"/> CASING REPAIR | <input type="checkbox"/> NEW CONSTRUCTION | <input type="checkbox"/> TEMPORARITLY ABANDON |
| | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS | <input type="checkbox"/> OPERATOR CHANGE | <input type="checkbox"/> TUBING REPAIR |
| | <input type="checkbox"/> CHANGE TUBING | <input type="checkbox"/> PLUG AND ABANDON | <input type="checkbox"/> VENT OR FLAIR |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/21/2010 | <input type="checkbox"/> CHANGE WELL NAME | <input type="checkbox"/> PLUG BACK | <input type="checkbox"/> WATER DISPOSAL |
| | <input type="checkbox"/> CHANGE WELL STATUS | <input type="checkbox"/> PRODUCTION (START/STOP) | <input type="checkbox"/> WATER SHUT-OFF |
| | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> RECLAMATION OF WELL SITE | <input checked="" type="checkbox"/> OTHER: - Five Year MIT |
| | <input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | |

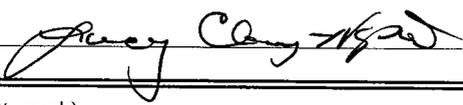
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 04/19/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. Permission was given at that time to perform the test on 04/19/2010. On 04/21/2010 the casing was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1890 psig during the test. There was not a State representative available to witness the test.

API# 43-013-31416

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 04/23/2010

(This space for State use only)

RECEIVED

APR 27 2010

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 04/21/2010 Time 9:00 am pm

Test Conducted by: Lynn Manson

Others Present: _____

| | |
|---|-------------------------------------|
| Well: <u>monument 34-10J-9-16</u> | Field: <u>Monument Butte</u> |
| Well Location: <u>SW/SE Sec. 10, T9S, R16E</u> | API No: <u>43-013-31416</u> |

| <u>Time</u> | <u>Casing Pressure</u> | |
|-------------|------------------------|------|
| 0 min | <u>1290</u> | psig |
| 5 | <u>1290</u> | psig |
| 10 | <u>1290</u> | psig |
| 15 | <u>1290</u> | psig |
| 20 | <u>1290</u> | psig |
| 25 | <u>1290</u> | psig |
| 30 min | <u>1290</u> | psig |
| 35 | <u>—</u> | psig |
| 40 | <u>—</u> | psig |
| 45 | <u>—</u> | psig |
| 50 | <u>—</u> | psig |
| 55 | <u>—</u> | psig |
| 60 min | <u>—</u> | psig |

Tubing pressure: 1890 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: [Signature]

| STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | FORM 9 |
|--|---|--|
| | | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-017985 |
| SUNDRY NOTICES AND REPORTS ON WELLS | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | | 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV) |
| 1. TYPE OF WELL Water Injection Well | | 8. WELL NAME and NUMBER: MON FED 34-10J |
| 2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY | | 9. API NUMBER: 43013314160000 |
| 3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052 | PHONE NUMBER: 435 646-4825 Ext | 9. FIELD and POOL or WILDCAT: MONUMENT BUTTE |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 0592 FSL 1979 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 10 Township: 09.0S Range: 16.0E Meridian: S | | COUNTY: DUCHESNE |
| | | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | TYPE OF ACTION | |
| <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/19/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date: | <input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER | |
| | | <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/> |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. | | |
| <p>On 03/16/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 03/19/2015 the casing was pressured up to 1192 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1483 psig during the test. There was a State representative available to witness the test - Mark Jones.</p> | | <p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 24, 2015</p> |
| NAME (PLEASE PRINT) Lucy Chavez-Naupoto | PHONE NUMBER 435 646-4874 | TITLE Water Services Technician |
| SIGNATURE N/A | | DATE 3/23/2015 |

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Mark Jones Date 3/19/15 Time 12:45 am pm

Test Conducted by: Hal Richins

Others Present: _____

Well: Monument Federal 34-10J-9-16 Field: Monument Butte

Well Location:
SW/SE SEC. 10, T9S, R16E

API No:
43-013-31416

Time Casing Pressure

| | | |
|--------|---------------|------|
| 0 min | <u>1182.4</u> | psig |
| 5 | <u>1188.6</u> | psig |
| 10 | <u>1191.2</u> | psig |
| 15 | <u>1192.0</u> | psig |
| 20 | <u>1192.6</u> | psig |
| 25 | <u>1192.2</u> | psig |
| 30 min | <u>1192.6</u> | psig |
| 35 | <u>1191.8</u> | psig |
| 40 | <u>1192.2</u> | psig |
| 45 | _____ | psig |
| 50 | _____ | psig |
| 55 | _____ | psig |
| 60 min | _____ | psig |

Recognized it was climbing. SHUT HEATER OFF.
Mark Jones
UDOGM

Tubing pressure: 1483 psig

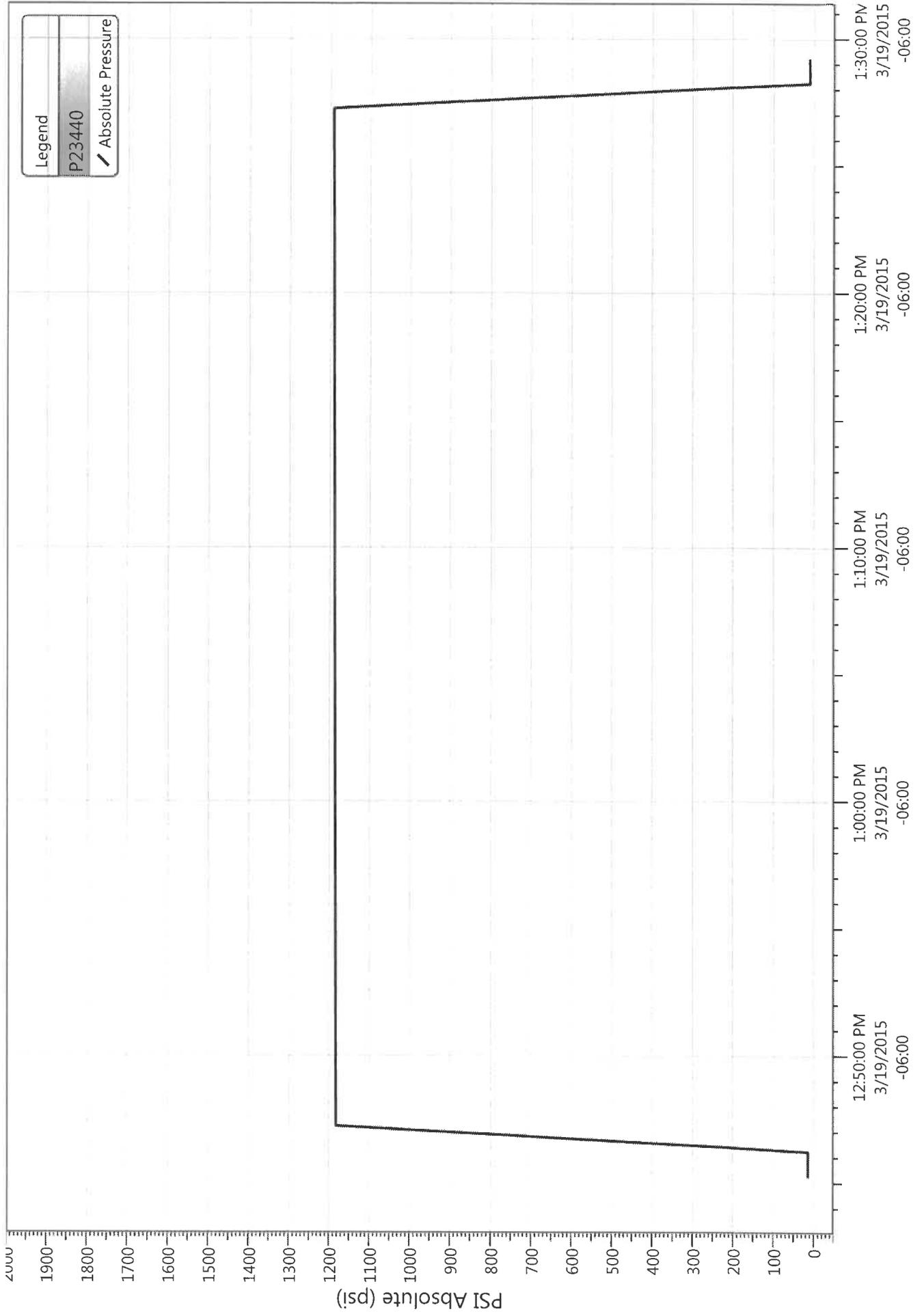
Result: Pass Fail

Signature of Witness: Mark Jones

Signature of Person Conducting Test: Hal Richins

MONUMENT FEDERAL 34-10J-9-16 (5 YEAR M.I.T. 3-19-2015)

3/19/2015 12:43:54 PM



Monument Fed. 34-10J-9-16

Spud Date: 1 12 94
 Put on Production: 2 15 94
 Put on Injection: 11 09 94
 GL: 5716' KB: 5726'

Initial Production: 43 BOPD,
 172 MCFD, 07 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5 8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (266.87')
 DEPTH LANDED: 274'
 HOLE SIZE: 12-1 4"
 CEMENT DATA: 150 sxs Class "G" cmt. 5 bbl. to surface.

PRODUCTION CASING

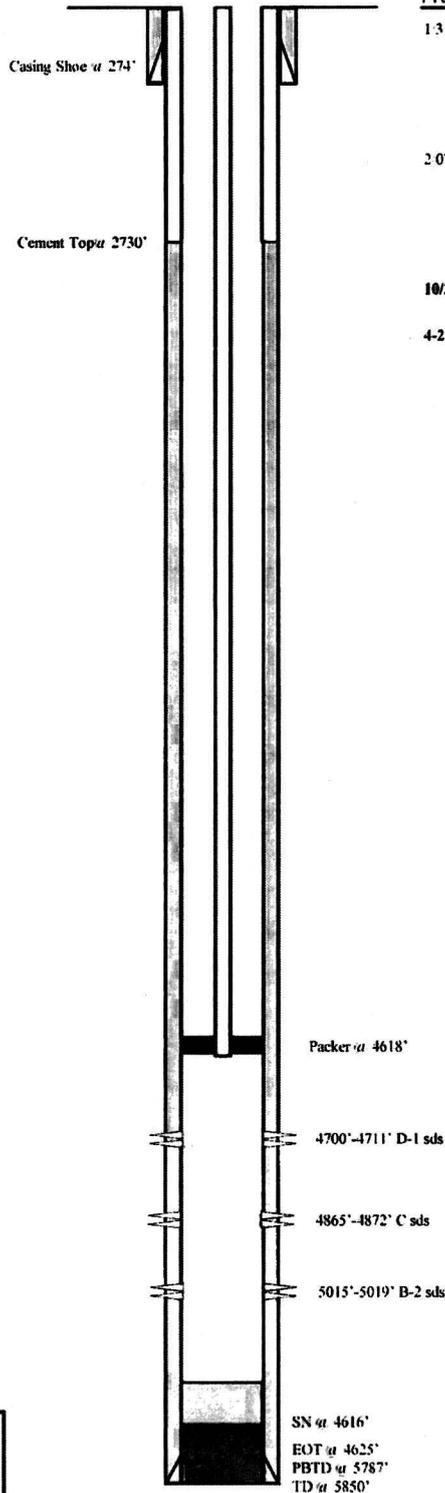
CSG SIZE: 5-1 2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5832.04')
 DEPTH LANDED: 5832.04'
 HOLE SIZE: 7-7 8"
 CEMENT DATA: 110 sxs Hiilift + 290 sxs Class "G".
 CEMENT TOP AT: 2730' per CBL.

TUBING

SIZE GRADE WT.: 2-7 8" J-55 6.5#
 NO. OF JOINTS: 146 jts. (4616.62' KB)
 SEATING NIPPLE: 2-7 8" (1.10')
 SN LANDED AT: 4616' KB
 TUBING PACKER: 4618' KB
 STRING LENGTH: EOT @ 4625' KB

FRAC JOB

1 31 94 4865'-5019' Frac zone as follows:
 32,000# 16 30 sand in 311 bbls frac fluid.
 Treated @ avg press of 2500 psi w avg
 rate of 29.6 BPM. ISIP 2600 psi. Calc.
 flush: 4365 gal, Actual flush: 1408 gal.
 Screened out.
 2 07 94 4700'-4711' Frac zone as follows:
 35,720# 16 30 sand in 414 bbls frac fluid.
 Treated @ avg press of 2500 psi w avg
 rate of 25 BPM. ISIP 2000 psi. Calc.
 flush: 4700 gal, Actual flush: 4698 gal.
 10/29/08 Zone Stimulation. Updated tubing
 detail.
 4-21-10 5 YR MIT



PERFORATION RECORD

| Date | Depth Range | SPF | Holes |
|---------|-------------|-------|----------|
| 1 28 94 | 5015'-5019' | 2 SPF | 08 holes |
| 1 28 94 | 4865'-4872' | 1 SPF | 07 holes |
| 2 03 94 | 4700'-4711' | 2 SPF | 22 holes |

NEWFIELD

Monument Butte Fed. 34-10J-9-16
 592' FSL & 1979' FEL
 SWSE Section 10-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31416; Lease #U-107985