

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS F WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

DATE FILED **10-22-93**
 LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. **U-035521** INDIAN

DRILLING APPROVED: **11-22-93**
 SPUDDED IN: **2-28-94**
 COMPLETED: **4-28-94 POW** PUT TO PRODUCING:

Confidential

INITIAL PRODUCTION:
 GRAVITY A.P.I.
 GOR:
 PRODUCING ZONES:
 TOTAL DEPTH:
 WELL ELEVATION:
 DATE ABANDONED:

FIELD: **MONUMENT BUTTE**
 UNIT: **JONAH**
 COUNTY: **DUCHESNE**
 WELL NO. **BALCRON MONUMENT FED. 32-12J** API NO. **43-013-31419**

LOCATION **1805' FNL** FT. FROM (N) (S) LINE, **2138' FEL** FT. FROM (E) (W) LINE. **SW NE** 1/4 - 1/4 SEC. **12**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
9S	16E	12	EQUITABLE RESOURCES				

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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 **CONFIDENTIAL**

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
1804.8' FNL, 2138.6' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 16 miles SW of Myton; UT

16. NO. OF ACRES IN LEASE
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)

19. PROPOSED DEPTH
6,000' 5,800' ^{1/2}

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5413' GL

5. LEASE DESIGNATION AND SERIAL NO.

U-035521

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.
32-12J

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW NE Sec. 12, T9S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
UTAH

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS
Rotary

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		

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

CONFIDENTIAL

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. 43-013-31419 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

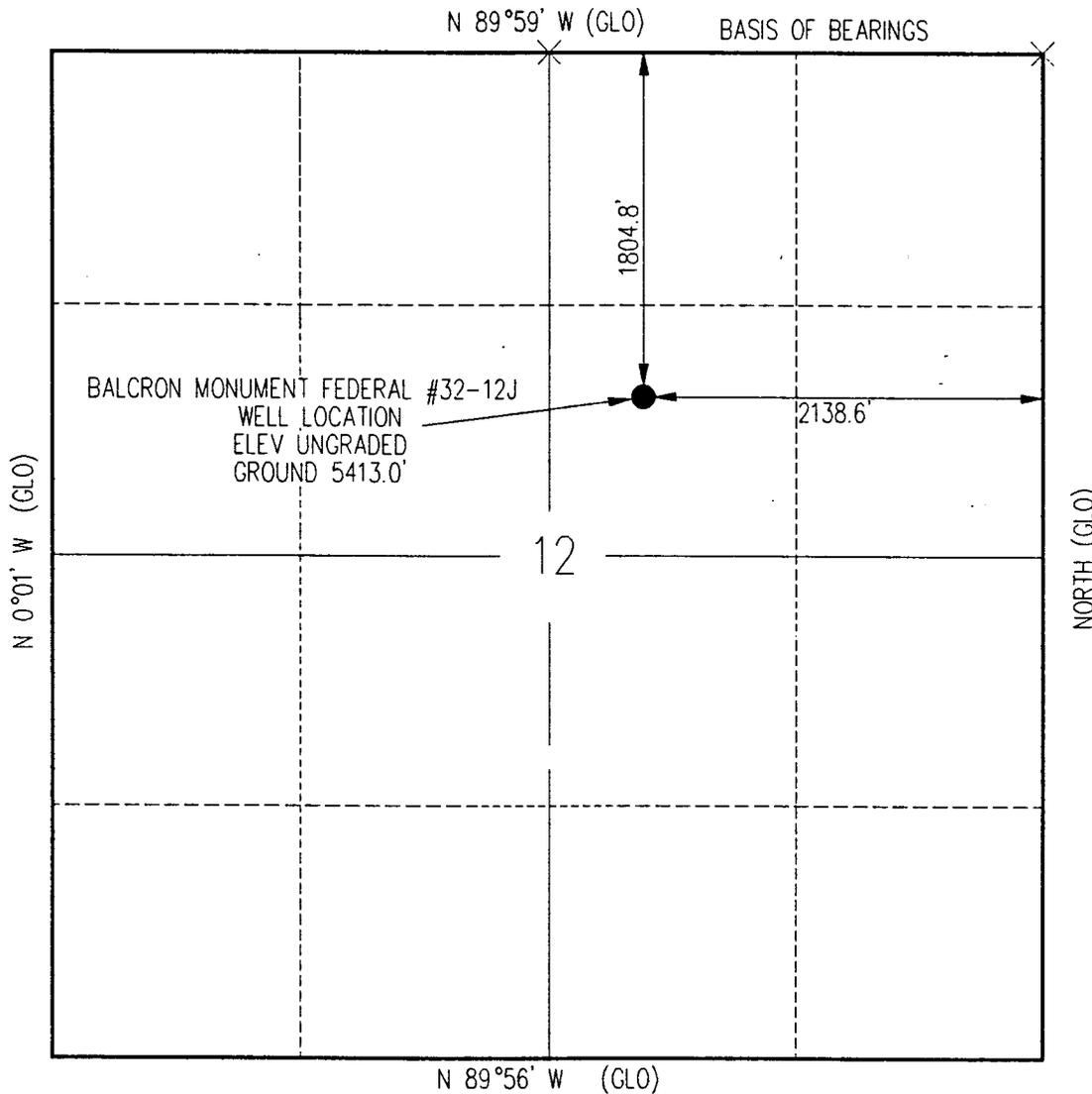
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

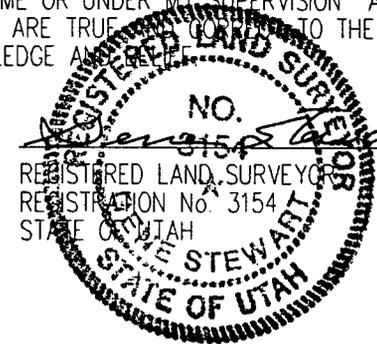
EQUITABLE RESOURCES ENERGY CO.

EXHIBIT "F"

WELL LOCATION, BALCRON MONUMENT FEDERAL #32-12J, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 12, T9S, R16E, S.L.B. & M, DUCHESNE COUNTY UTAH.



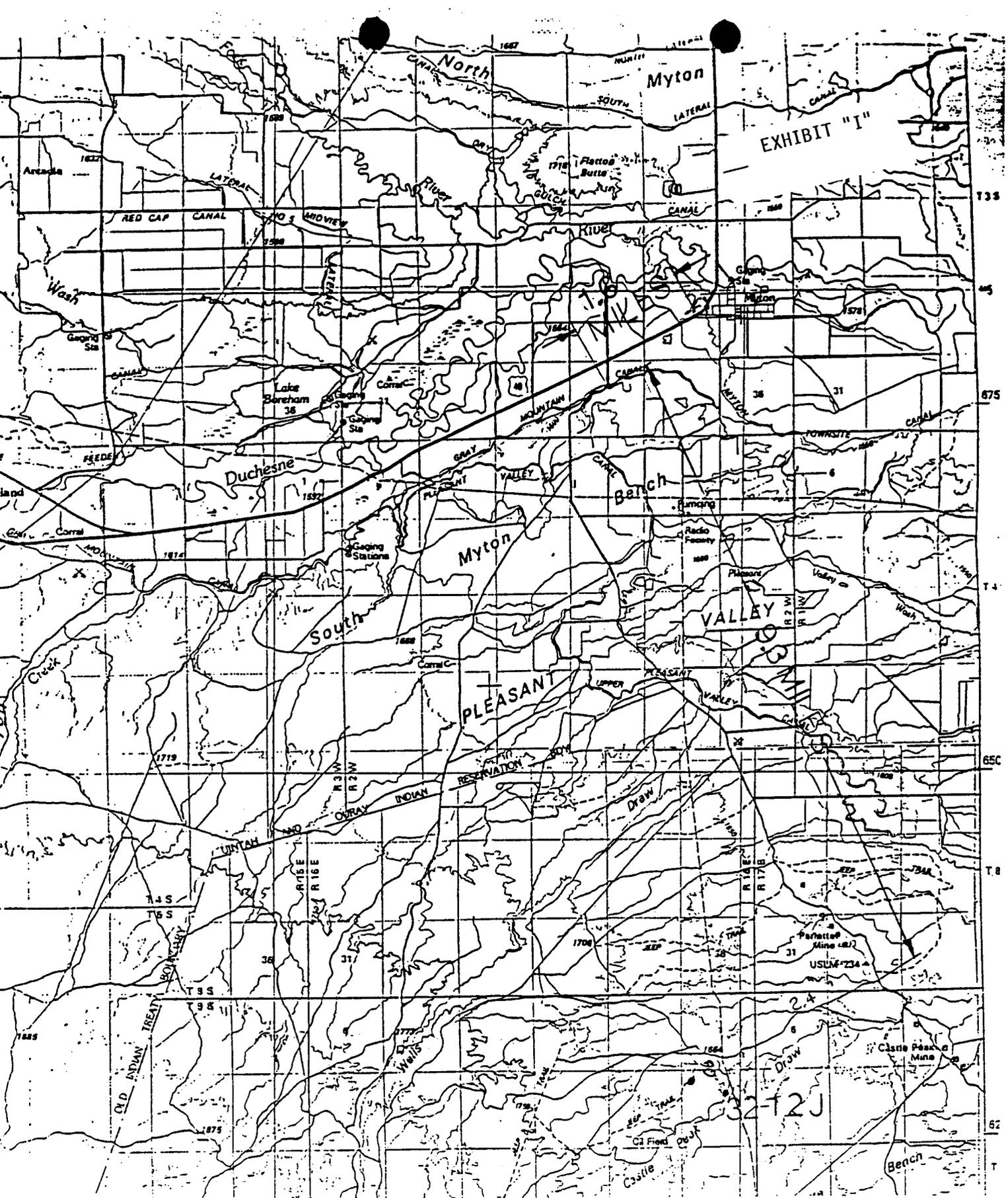
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



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)

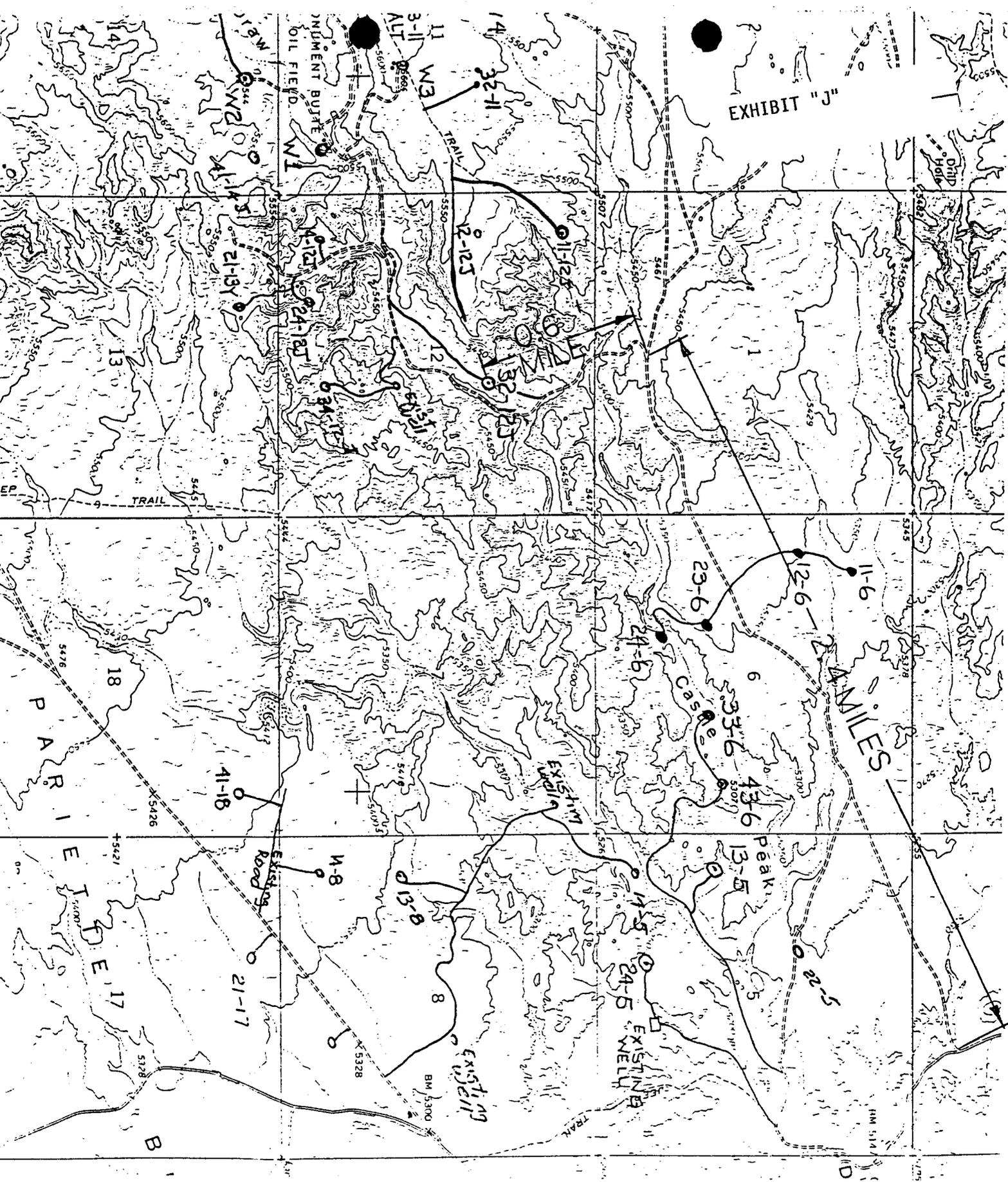
WEATHER: CLEAR & HOT
DATE: 9/30/93
SCALE: 1" = 1000'
SURVEYED BY: GS QS
FILE: MF 32-12J



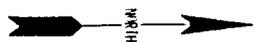


EQUITABLE RESOURCES ENERGY CO.
 MONUMENT FEDERAL #32-12J
 MAP "A"





EQUITABLE RESOURCES ENERGY CO.
 MONUMENT FEDERAL #32-121J
 MAP "B"



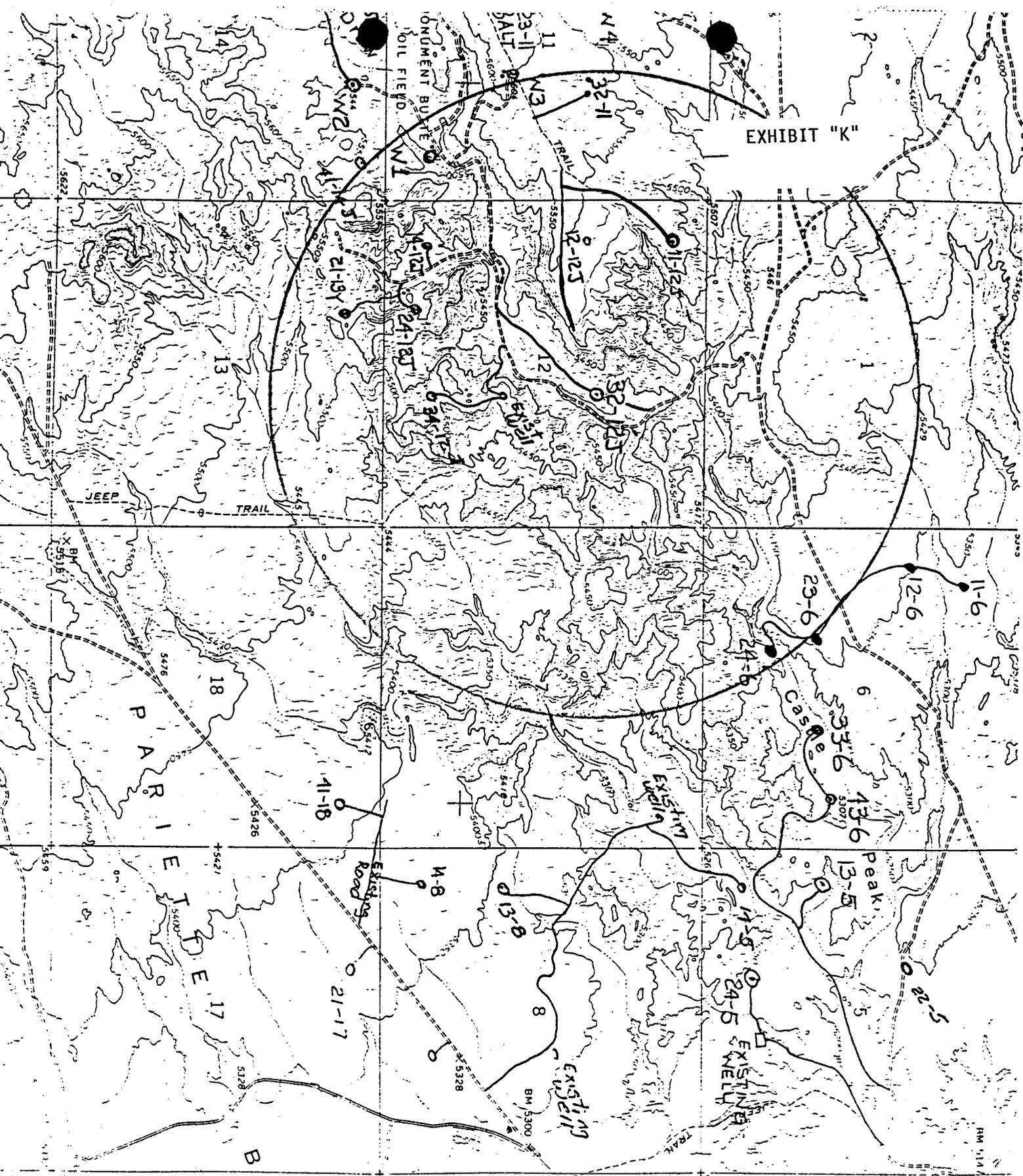


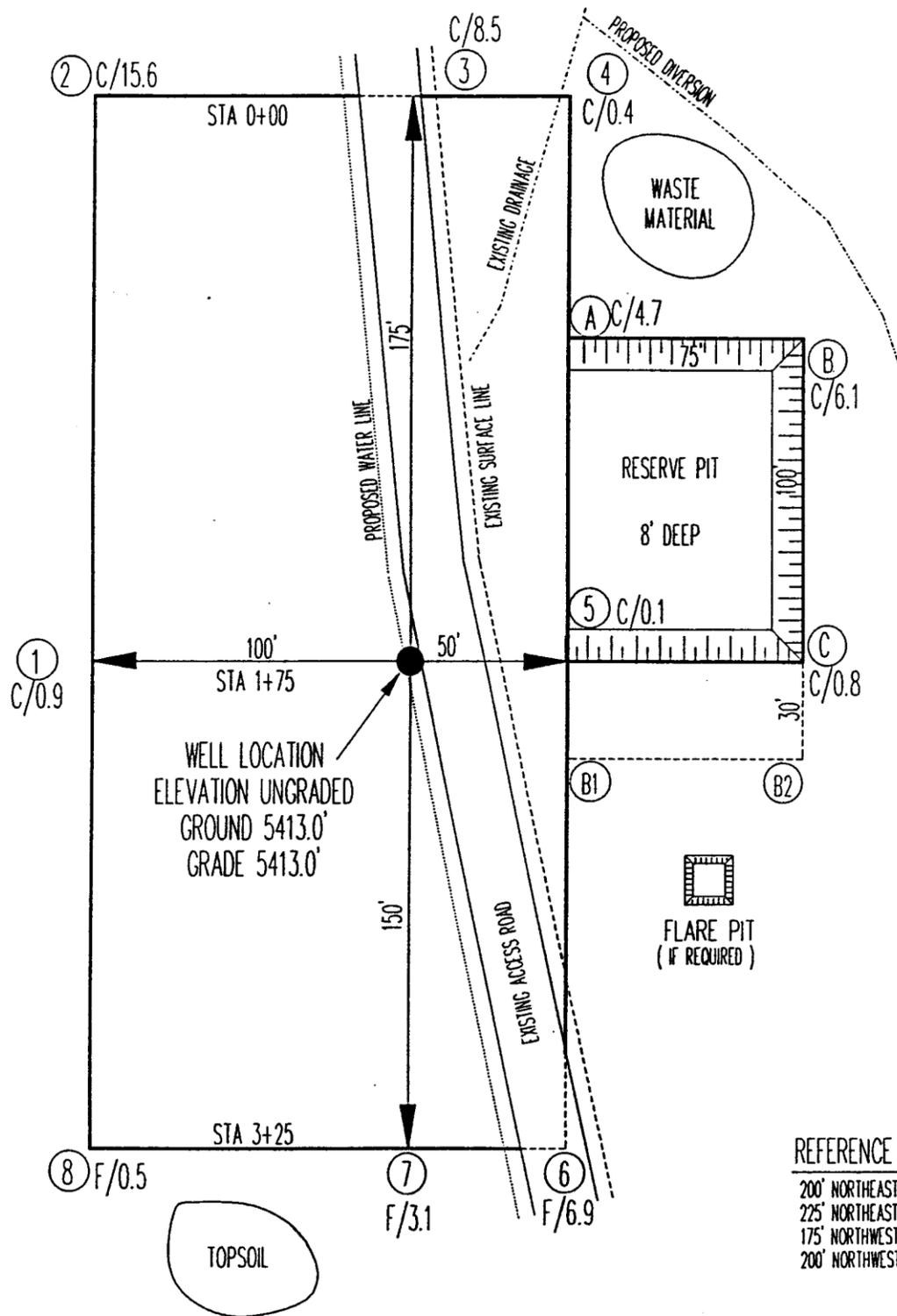
EXHIBIT "K"

EQUITABLE RESOURCES ENERGY CO.
 MONUMENT FEDERAL #32-12J
 MAP "C"

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



EQUITABLE RESOURCES ENERGY CO.
BALCRON MONUMENT FEDERAL #32-12J



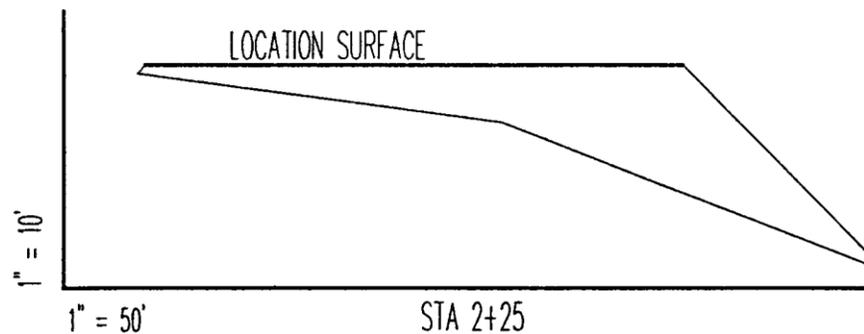
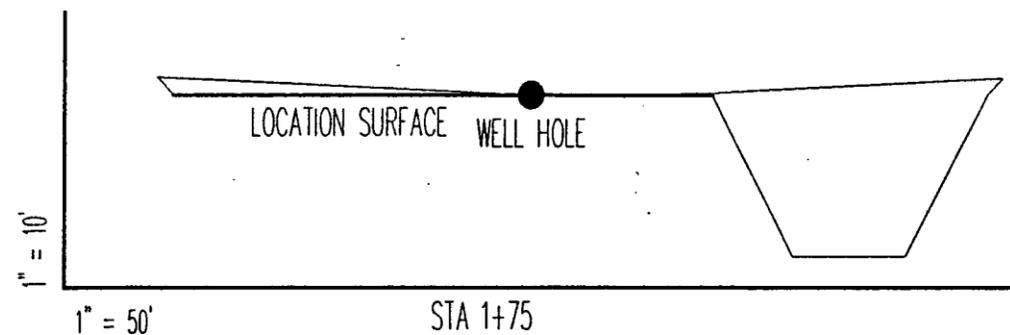
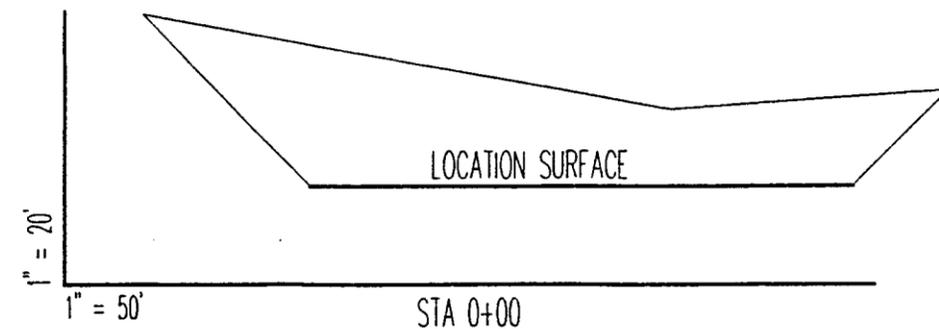
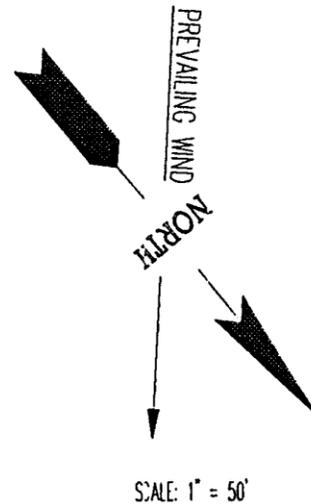
REFERENCE POINTS

200' NORTHEAST	5408.6'
225' NORTHEAST	5407.2'
175' NORTHWEST	5412.2'
200' NORTHWEST	5411.6'

APPROXIMATE YARDAGE

CUT	= 6468 Cu Yds
FILL	= 1115 Cu Yds
PIT	= 1826 Cu Yds

NOTE: DIRT CANNOT BE BALANCED
WITHOUT PUTTING RIC ON FILL



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

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 #32-12J
SW NE Section 12-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 #32-12J
SW NE Section 12, 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. 175' & 200' NW and 200' & 225' NE.
- B. The Monument Federal #32-12J is located approximately 16 miles Southwesterly of Myton Utah, in the SW1/4 NE1/4 Section 12, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 32-12J, 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 2.4 miles to road intersection. Turn left and proceed 0.6 mile to location which is on existing road.
- 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)

No new road construction will be required for access to the proposed well location.

- A. N/A

- B. N/A
- C. Maximum grade - N/A
- D. Turnouts - N/A
- E. Drainage design - N/A
- F. Culverts, cuts and fills - N/A
- G. Surface materials - N/A
- 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. No right-of-way should be required as this is inside the unit boundary, but if for some reason 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 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 one hundred twenty (120) 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:

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 North side, and the flare pit will be downwind of the prevailing wind direction between corners #5 & #6. Access to the well pad will be from the East near corner #6. A diversion ditch will be cut on the NW side of location below the cut slope around the reserve pit.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as 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 South side

of location near pit corner B, 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.

The reserve pit will be lined. The liner will be torn and perforated after the pit dries and before backfilling of the reserve pit.

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 seed mixture stipulated by the authorized officer.

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 reseeding operations will be performed in the fall or spring following completion of reclamation operations.
 - (a) A silt catchment basin will not be required on this location.

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.

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 Environmental
and Regulatory Affairs
BALCRON OIL division of
Equitable Resources Energy
Company**

Balcron Oil Well Prognosis

EXHIBIT "C"

Well Name BALCRON MONUMENT FEDERAL # 32-12-J Exploratory _____ Control Well GOV'T C&O # 4
 Location SWNE SEC 12-T9S-R16E 1805' FNL, 2139' FEL Development X Operator CAMPBELL
 County DUCHESNE Field JONAH UNIT KB 5462
 State UTAH Section SWNE 12 Section NESW 12
 Total Depth 5800 Township 9S Township 9S
 GL (Ung) 5413 EST. KB 5422 Range 16E Range 16E

Formation Tops	Prognosis		Sample Top		Control Well	High/Low		Deviation
	Formation	Depth	Datum	Depth	Datum	Prog	Cntl	
UINTA	SURFACE							
GREEN RIVER	1486	3936			3996			
HORSEBENCH SS	2158	3264			3324			
2ND GARDEN GULCH	3808	1614			1674			
Y-5 SAND (PAY)	4346	1076			1136			
YELLOW MARKER	4438	984			1044			
DOUGLAS CREEK	4598	824			884			
R-5 SAND (PAY)	4768	654			714			
2ND DOUGLAS CREEK	4838	584			644			
G-1 SAND (PAY)	4931	491			551			
GREEN MARKER	4986	436			496			
G-4 SAND (PAY)	5128	294			354			
CARBONATE MARKER	5458	-36			NDE			
TD	5800							

Samples
50' FROM 1400' TO 3900'
20' FROM 3900' TO TD
10' THROUGH DRLG BREAKS

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

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

Logs
DLL FROM SURF CSG TO TD
LDT/CNL FROM 3600' 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: _____

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 9/29/93 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		
	STRING TYPE	FROM TO	SIZE	WEIGHT	GRADE
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:

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

COMMENTS

- 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	
	Collapse Load Strgth (psi) (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth (kips) (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 guideline, 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

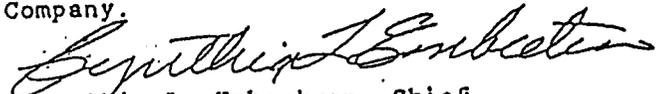
CORPORATE MERGER RECOGNIZED RIDER TO NATIONWIDE BOND ACCEPTED

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

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

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:



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. VEHR; 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.

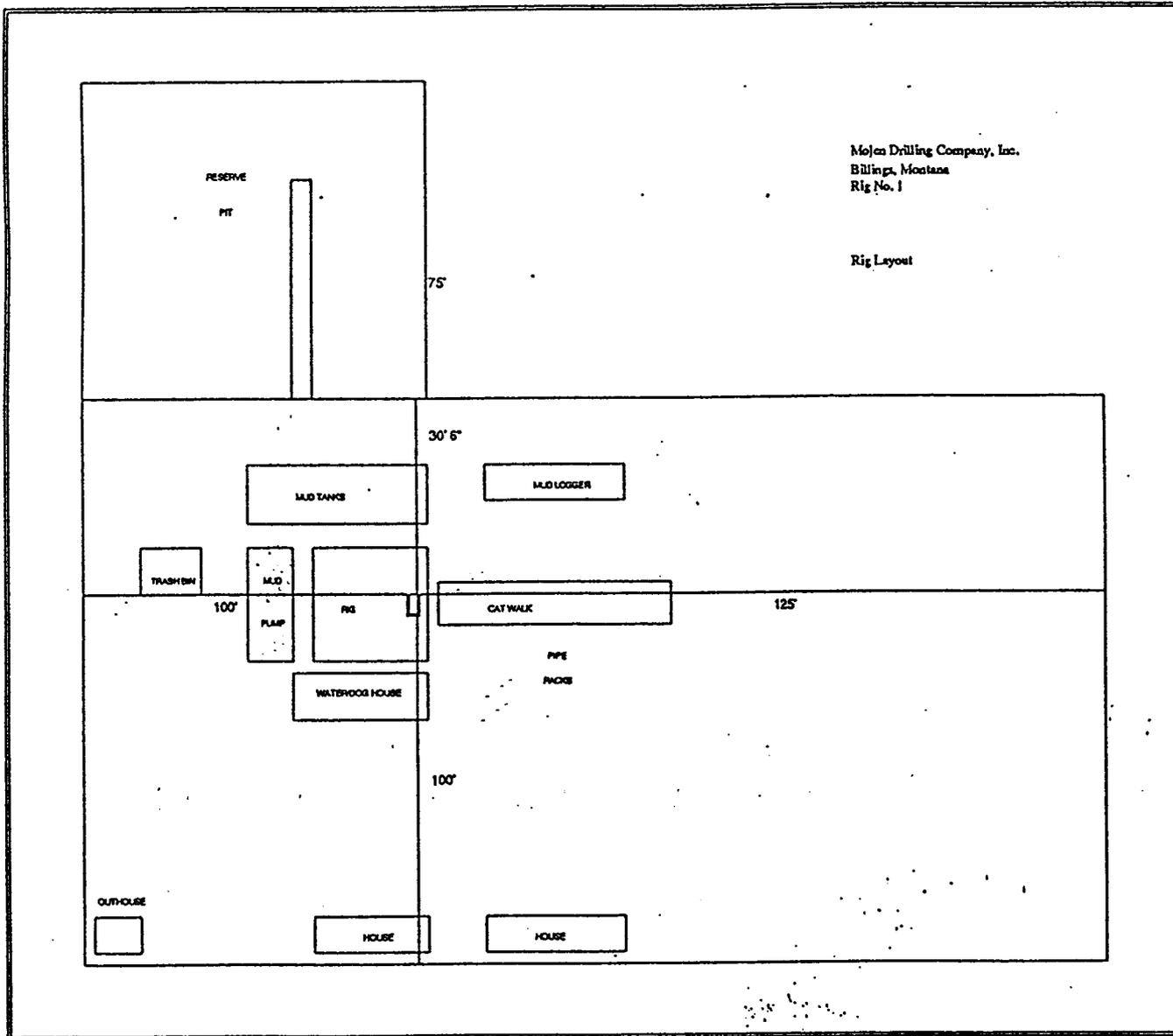
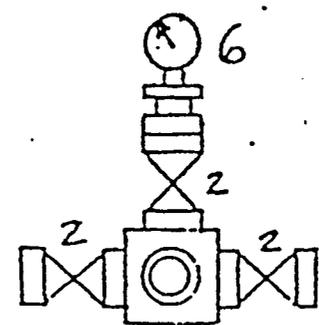
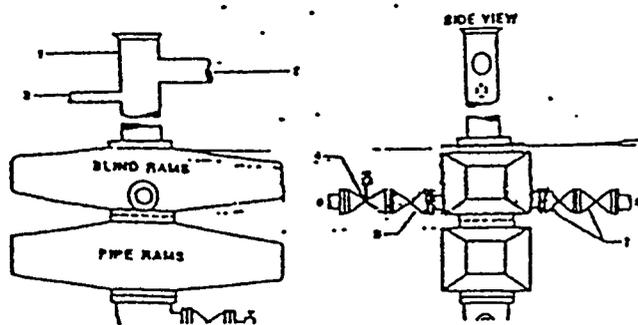
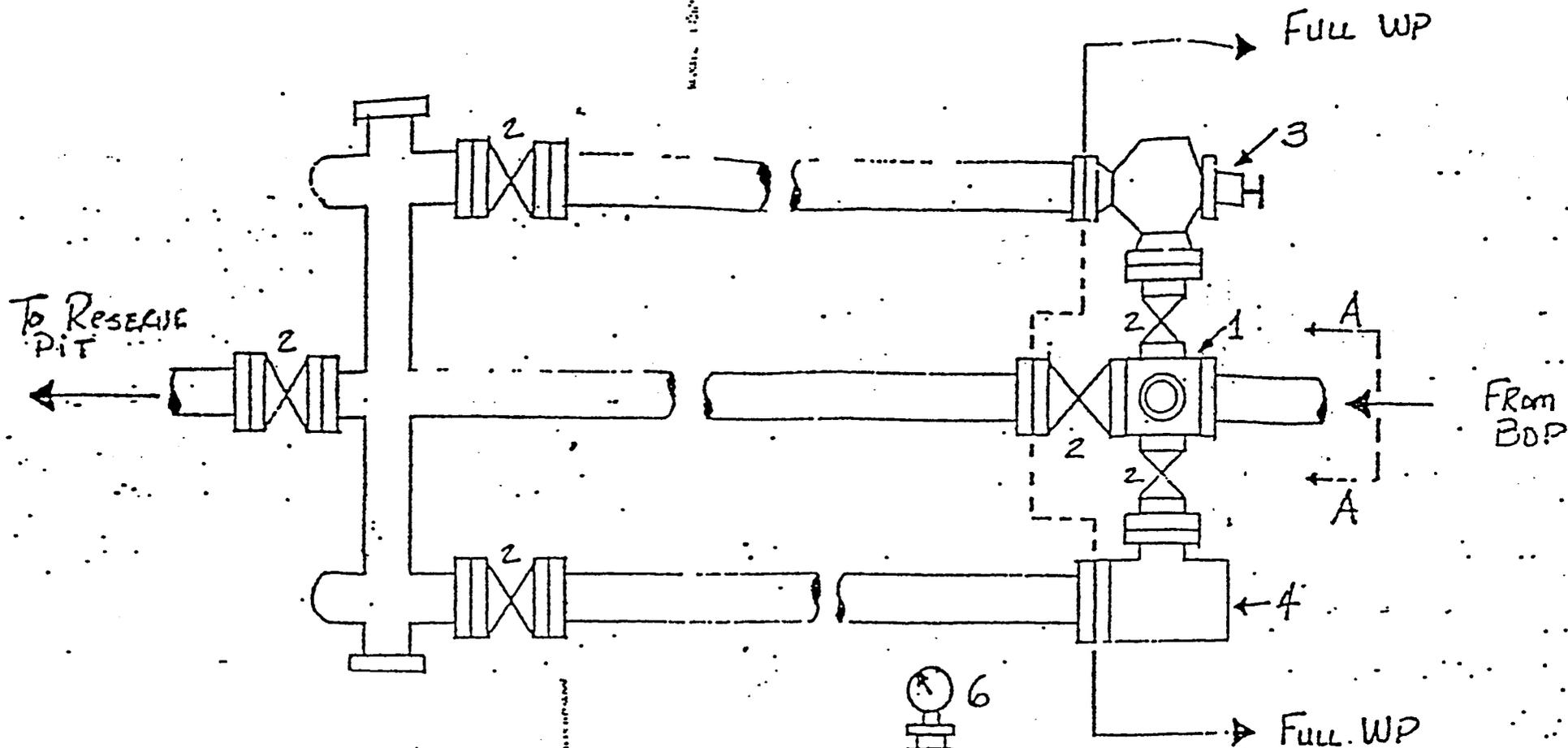


EXHIBIT "G"

EXHIBIT "H"

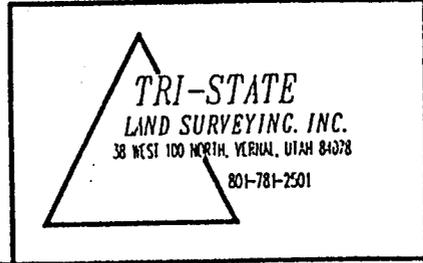
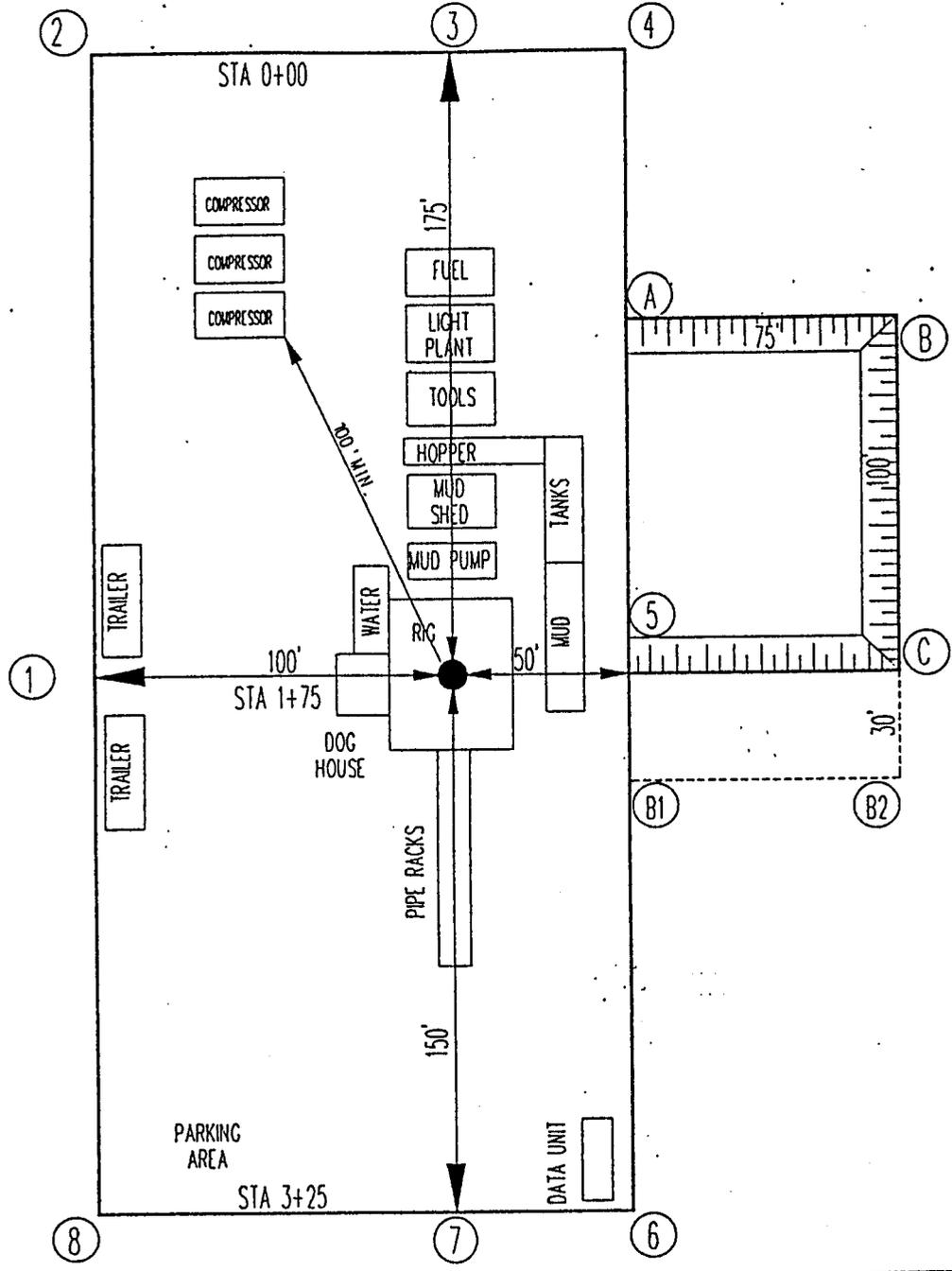


VIEW A-A

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

Notes: All lines must be securely anchored

EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



UNION DRILLING RIG #17

Hex Kelly -

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000
BLIND RAM-PIPE RAM

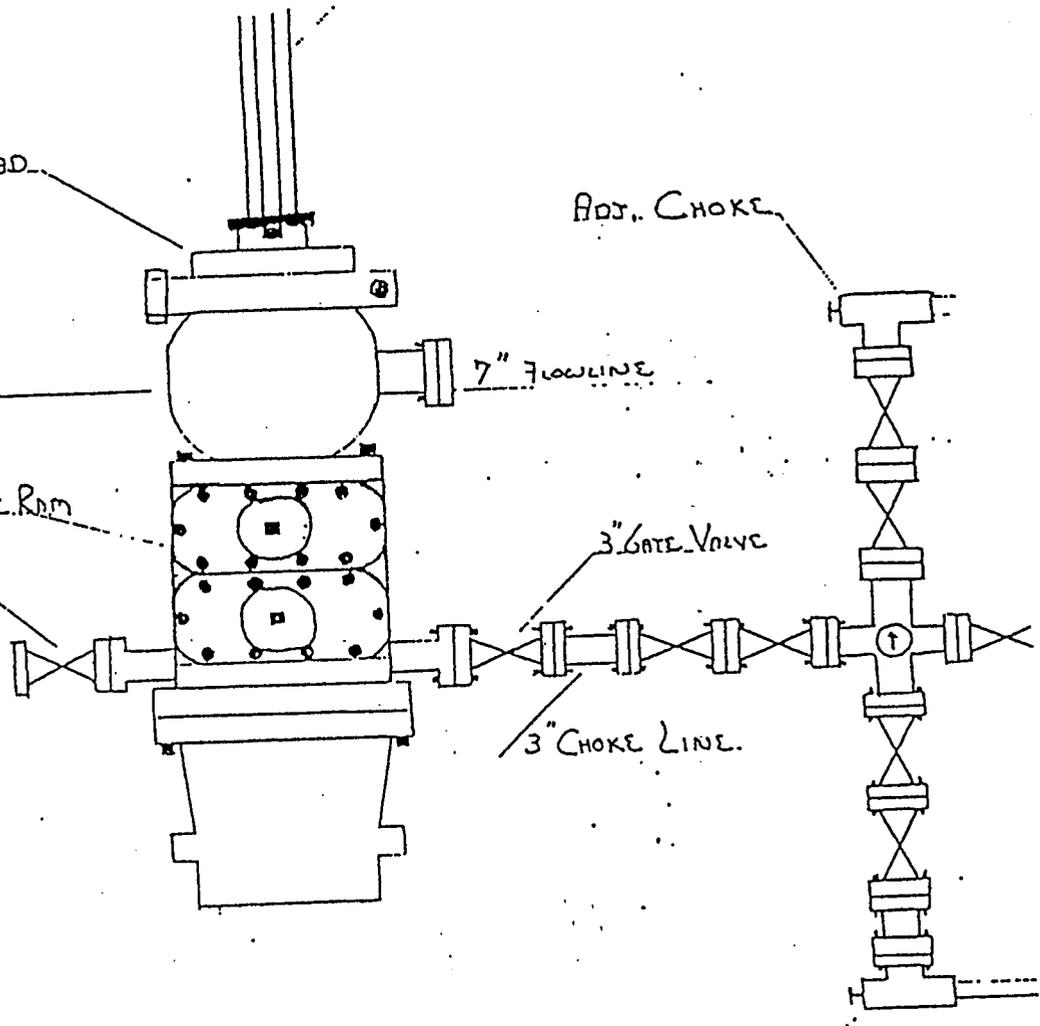
3" GATE VALVE

3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

#3000 STACK



STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

3. Lease Designation and Serial No.

Federal # U-035521

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.

32-12J

10. Field and Pool, or Wildcat

Monument Butte/Green River

11. 00, Sec., T., R., N., or S11.
and Survey or Area

SW NE Sec. 12, T9S, R16E

12. County or Parrish

Duchesne

13. State

UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

1b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

2. Name of Operator

Equitable Resources Energy Company, Balcron 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 State requirements.)
At surface

1804.8' FNL, 2138.6' FEL

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office*

Approximately 16 miles SW of Myton, UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. 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

~~5,900~~ xxx

20. Rotary or cable tools

5,800' / 6,000' / 10 Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5413' 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

RECEIVED

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 and belief.
Coordinator of Environmental and Regulatory Affairs

Signed: Bobbie Schuman
Bobbie Schuman

Title: _____

Date: October 20, 1993

(This space for Federal or State office use)

API NO. 13-013-31419

Approval Date _____

Approved by _____

Title _____

Conditions of approval, if any:

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

*See Instructions On Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

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 **CONFIDENTIAL**

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
 1804.8' FNL, 2138.6' FEL
 At proposed prod. zone
 43-013-31419

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 16 miles SW of Myton; UT

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

13. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 6,000' 5,800'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5413' GL

5. LEASE DESIGNATION AND SERIAL NO.
 U-035521
 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.
 32-12J
 10. FIELD AND POOL, OR WILDCAT
 Monument Butte/Grn. River
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SW NE Sec. 12, T9S, R16E
 12. COUNTY OR PARISH
 Duchesne
 13. STATE
 UTAH

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS
 Rotary

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		

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

RECEIVED
 OCT 22 1993

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. _____ APPROVAL DATE DEC 22 1993
 APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

*See Instructions 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.

WELL LOCATION INFORMATION

Company/Operator: Equitable Resources Energy Company

API Number 43-013-31419

Well Name & Number: 32-12J

Lease Number: U-035521

Location: SWNE Sec. 12 T. 9 S R. 16 E

Surface Ownership: Federal

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 32-12J

Location SWNE Section 12, T9S, R16E Lease No. U - 035521

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.

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 928 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 728 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.

SURFACE USE PLAN OF OPERATIONS:

The reserve pit liner will be 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 24-48 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 #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.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/22/93

API NO. ASSIGNED: 43-013-31419

WELL NAME: BALCRON MONUMENT FED. 32-12J
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
SWNE 12 - T09S - R16E
SURFACE: 1805-FNL-2138-FEL
BOTTOM: 1805-FNL-2138-FEL
DUCHESN COUNTY
MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED
LEASE NUMBER: U-035521

RECEIVED AND/OR REVIEWED:

Plat
 Bond
(Number FEDERAL)

Potash (Y/N)
 Oil shale (Y/N)
 Water permit
(Number 12 SURFACE)

RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

R649-2-3. Unit: UTU 7208617

R649-3-2. General.

R649-3-3. Exception.

Drilling Unit.
Board Cause no: _____
Date: _____

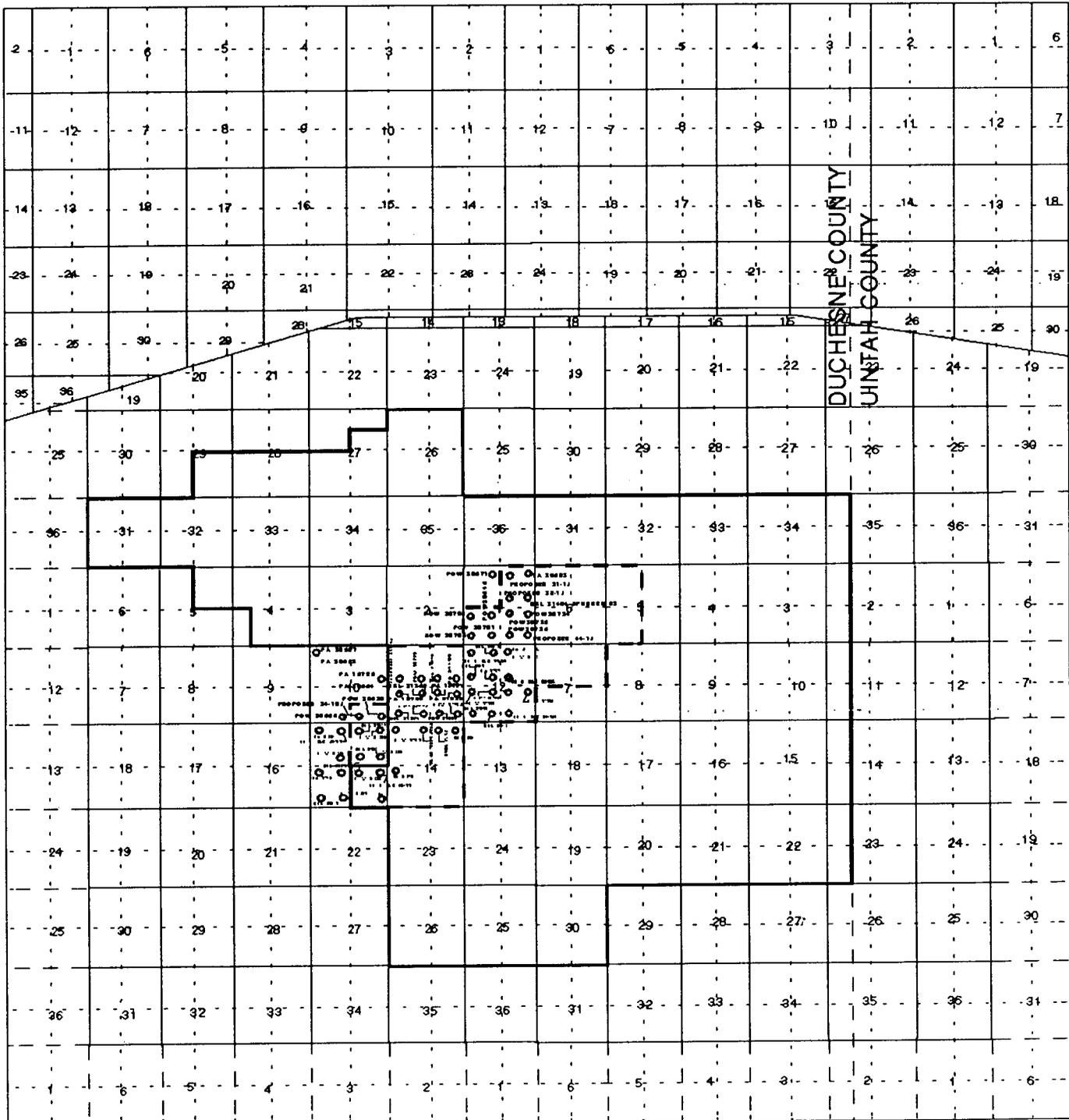
COMMENTS: WELL IS NOT PART OF 1993 PCD
Included in 1994 PCD

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



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

November 18, 1993

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

Gentlemen:

We are sending, under separate cover, copies of the archeological survey that has been conducted for the wells on the attached list. These are to be considered a part of the Applications for Permit to Drill those wells.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

cc: Utah Division of Oil, Gas and Mining

RECEIVED

NOV 19 1993

DIVISION OF
OIL, GAS & MINING

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

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

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

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

Balcron Monument Federal #11-12J
NW NW Section 12, T9S, R16E
Duchesne County, Utah
660' FNL, 660' FWL
FLS #U-096550

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

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

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

**CULTURAL RESOURCE EVALUATION
OF EIGHT PROPOSED WELLS
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 1410 (BLCR-93-9)

Utah State Project No.: UT-93-AF-595b

Principal Investigator
F. Richard Hauck, Ph.D.

Authors of the Report
F. Richard Hauck & Glade V Hadden



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

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

November 8, 1993

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of eight proposed wells (Units 31-1J, 32-1J, 44-1J, 12-11J, 11-12J, 32-12J, 34-12J, 21-14J) and associated access routes situated on BLM administered lands located in the Monument Buttes locality of Duchesne County, Utah. This evaluation involved a total of 90.79 acres, of which 80 acres are associated with the eight well pads and an additional 10.79 acres associated with the various access road rights of way. These evaluations were conducted by Glade Hadden and Walter Lenington of AERC on October 29 and November 4, 1993.

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

Two newly identified cultural resource activity loci were discovered and recorded during the examinations. 42DC 780 is a significant prehistoric activity locus associated with well location 34-12J. This location can not be moved within the ten acre parcel to avoid Site 42DC 780 and the mitigation of the site is recommended should Balcron Oil Division desire to initiate a drilling program at this location. 42DC 781 is a non-significant prehistoric activity locus associated with well location 32-12J.

Six isolated artifacts (AERC #s 1410 G/X1 through 1410 G/X5 and 1410W/X1) are non-diagnostic flakes and bifacially flaked tools which were noted and recorded during the investigations.

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

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GENERAL INFORMATION

On October 29 and November 4, 1993, AERC archaeologists Glade Hadden and Walter Lenington conducted an intensive cultural resource evaluation for Balcron Oil Company of Billings, Montana. This examination involved eight proposed well locations (Units 31-1J, 32-1J, 44-1J, 12-11J, 11-12J, 32-12J, 34-12J, 21-14J) and associated access roads located in the Monument Buttes area south of Myton, Utah. Some 90.79 acres were examined which includes ca. 80 acres associated with the eight well pads and an additional 10.79 acres associated with the various 100 foot-wide access routes. 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 of these eight drilling 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.

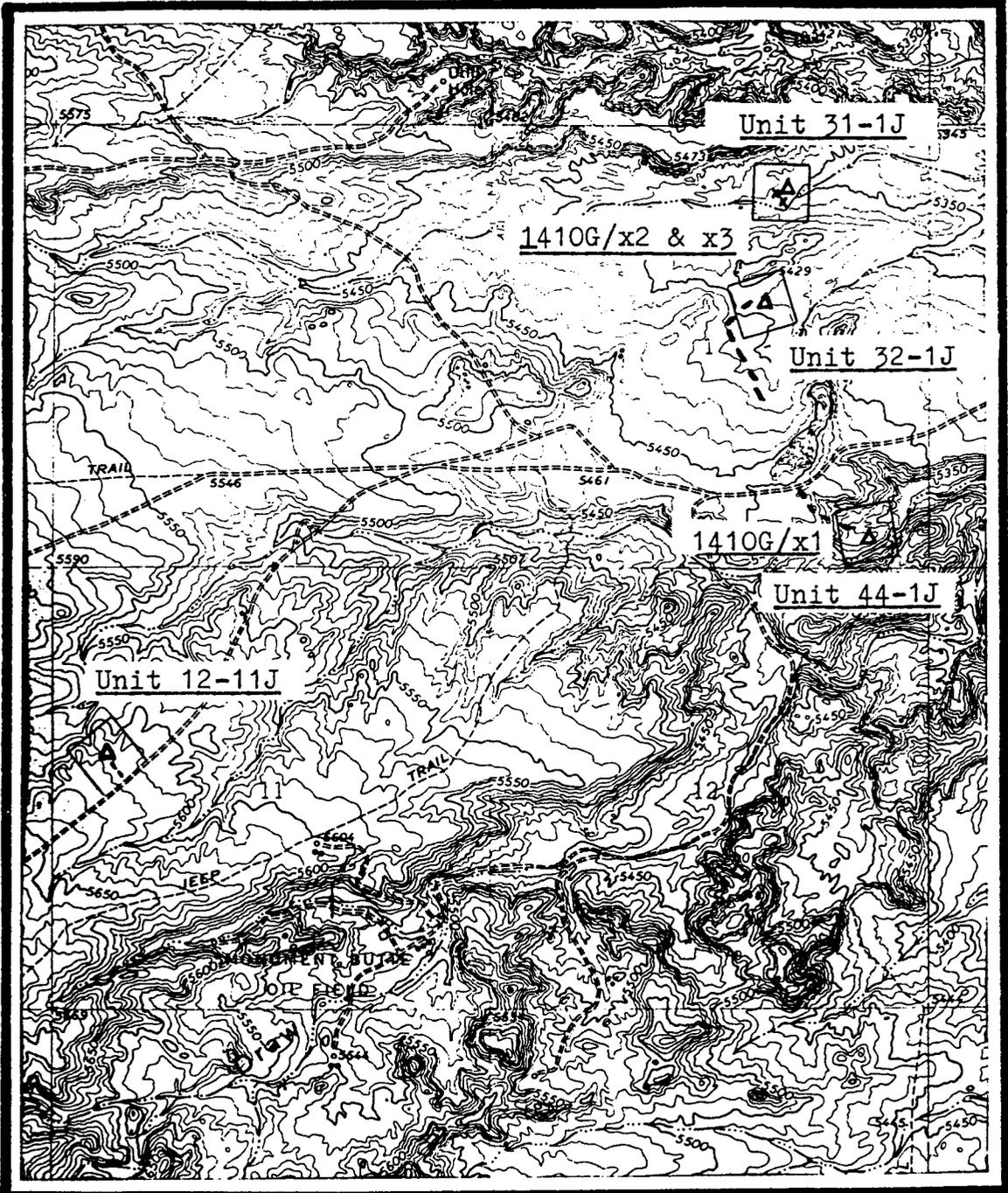
Project Location

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. The proposed drilling locations are situated in the following sections:

Balcron Monument Federal #31-1J is located in the NW - NE of Section 1, T. 9 So., R. 16 E. (see Map 1)

Balcron Monument Federal #32-1J is located in the SW - NE of Section 1, T. 9 So., R. 16 E. and includes ca. 1500 feet of access road (see Map 1)

Balcron Monument Federal #44-1J is located in the SE - SE of Section 1, T. 9 So., R. 16 E. and includes ca. 700 feet of access road (see Map 1)



T. 9 South
 R. 16 East
 Meridian: SL
 Quad: Myton
 SE, Utah

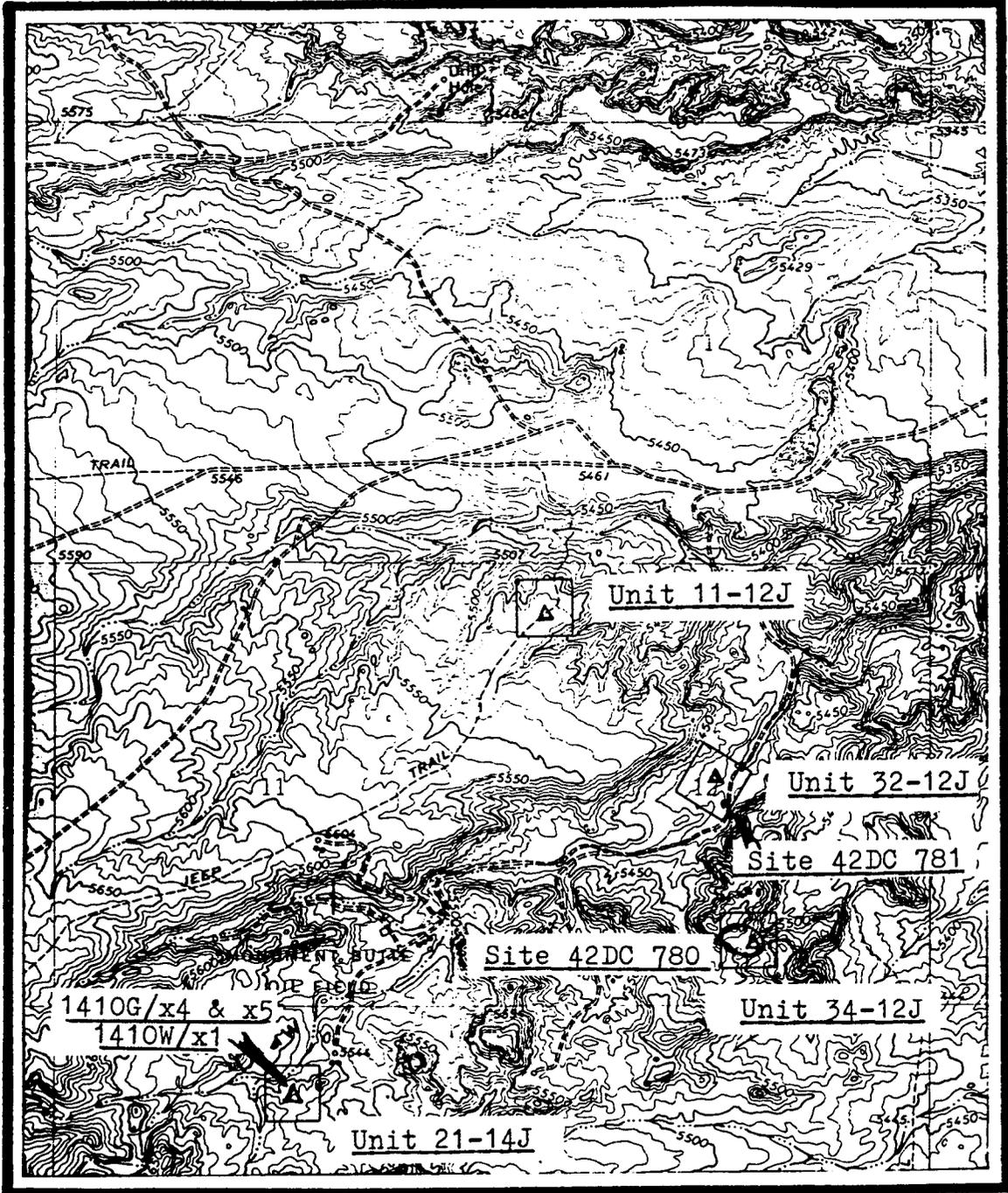
MAP 1
 Cultural Resource Survey
 of Proposed Drilling Units
 in the Monument Butte
 Locality of Duchesne Co.

Legend:
 Well Location 
 Access Route 
 10 Acre Survey Area 
 Isolated Artifact 



Project: BLCR-93-9 **Scale:** 1:24000
Series: Uinta Basin
Date: 11-15-93





T. 9 South
 R. 16 East
 Meridian: SL
 Quad: Myton
 SE, Utah

MAP 2
 Cultural Resource Survey
 of Proposed Drilling Units
 in the Monument Butte
 Locality of Duchesne Co.

- Legend:**
- Well Location 
 - Access Route 
 - 10 Acre Survey Area 
 - Cultural Site 
 - Isolated Artifact 



Project: BLCR-93-9 **Scale:** 1:24000
Series: Uinta Basin
Date: 11-15-93 3



Balcron Monument Federal #12-11J is located in the SW - NW of Section 11, T. 9 So., R. 16 E. (see Map 1)

Balcron Monument Federal #11-12J is located in the NW - NW of Section 12, T. 9 So., R. 16 E. and includes ca. 1800 feet of access road (see Map 2)

Balcron Monument Federal #32-12J is located in the SW - NE of Section 12, T. 9 So., R. 16 E. (see Map 2)

Balcron Monument Federal #34-12J is located in the SW - SE of Section 12, T. 9 So., R. 16 E. and includes ca. 500 feet of access road (see Map 2)

Balcron Monument Federal #21-14J is located in the NE - NW of Section 14, T. 9 So., R. 16 E. and includes ca. 200 feet of access road (see Map 2)

Environmental Description

The project area is within the 5300 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*, *Cercocarpus spp.*, *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 October 18, 1993. A similar search was conducted in the Vernal District Office of the BLM on October 29, 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 archaeologists walking a series of 10 to 20 meter-wide transects across a 10 acre area covering each well pad. In addition, access routes were surveyed by the archaeologists walking a pair of 10 to 15 meter wide transects on each side of the flagged access route right of way. Thus, a 30 meter-wide or 100 foot-wide corridor (ca. 10.79 acres) was examined for the total ca. 4700 foot length of proposed access road, in addition to the eighty acres inventoried on the well pads for a total of 90.79 acres.

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

Two prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations. These two sites include 42DC 780 and 42DC 781. A brief summary of each site can be provided as follows:

Site 42DC 780 (see Map 2)

Site 42DC 780 is an extensive lithic scatter and sheltered occupation located within the development zone of Monument Federal Unit #34-12J. Site 42DC 780 consists of a 120 x 60 meter lithic scatter and shallow rock shelter complex. Isolated flakes are located up to 200 meters from the main locus. Artifacts are composed mainly of Parachute Creek Chert cores and flakes in all stages of lithic tool manufacture. Figure 1 is a sketch of a knife fragment manufactured from Parachute Creek Formation chert. This scatter appears to be the result of hunting, limited occupation and lithic procurement activities and is probably of Archaic date ranging in age between 1500 and 5000 years old. No artifacts were collected from this site.

This site is a significant cultural resource locus. Extensive subsurface deposits are present and include hearth areas. Some vandalism in the form of collectors piles were noted, however, numerous artifacts and features remain in an undisturbed context. The site qualifies under criterion d of Title 36 CFR 60.6 (see preceding section).

The butte where Unit 34-12J and Site 42DC 780 are located is too restricted to permit relocation of the proposed well pad in such a position as to avoid adverse impact to this cultural resource. Since avoidance is not a viable alternative, Site 42DC 780 will be subjected to primary or direct disturbance and exposed to secondary or indirect destruction (vandalism) should the proposed development of Unit 34-12J be initiated at this location without the implementation of a detailed archaeological recovery program to mitigate these potential adverse impacts.

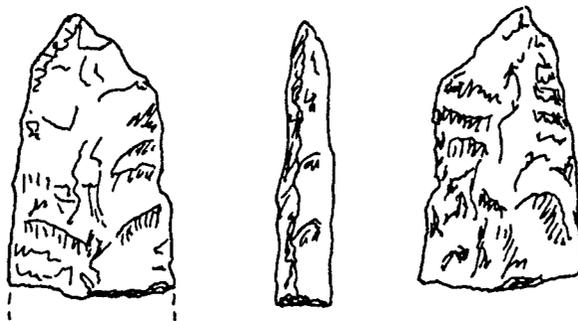


FIGURE 1: Knife Fragment -- Site 42DC 780
(actual size)

Site 42DC 781 (see Map 2)

Site 42DC 781 consists of a small lithic scatter located outside the development zone of Monument Federal Unit #32-12J. Site 42DC 781 is a 2 x 2 meter scatter of debitage consisting of five primary flakes of Parachute Creek chert. It is located near a rock overhang at the bottom of Castle Peak Draw.

This site is considered to be a non-significant cultural resource since it contains no potential for soil depth, no features, no occupational surfaces, and no diagnostic artifacts. This site does not qualify as a candidate for nomination to the National Register of Historic Places under any of the criteria as established in Title 36 CFR 60.6.

This non-significant site is outside the development area and will not be affected by the proposed development of Unit 32-12J.

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

No paleontological loci were observed or recorded during the evaluations.

Six isolated artifacts were recorded during the evaluations. None of these artifacts were collected. A brief description of these six artifacts follows:

Isolate 1410G/x1 (see Figure 2) consists of a non-diagnostic bifacially flaked ignimbrite stone tool. This artifact was located outside the development zone of Unit 44-1J (see Map 1).

Isolate 1410G/x2 (see Figure 3) is a non-diagnostic unifacially retouched flake scraper made from Parachute Creek chert. It was located within the development area for Unit 31-1J (see Map 1).

Isolate 1410G/x3 (see Figure 4) is a primary flake which was also constructed from parachute creek chert. Like Isolate 1410G/x2, this artifact was located within the development zone of Unit 31-1J (see Map 1).

Isolate 1410G/x4 (see Figure 5) consists of a biface blank fragment constructed from parachute creek chert. Like Isolate 1410G/x5, this artifact was located within the development zone of Unit 21-14J (see Map 2).

Isolate 1410G/x5 (see Figure 6) is a secondary flake which was also constructed from parachute creek chert. Like Isolate 1410W/x1, this artifact was located within the development zone of Unit 21-14J (see Map 2).

Isolate 1410W/x1 (see Figure 7) is a biface blank fragment which was also constructed from parachute creek chert. Like Isolates 1410G/x4 and x5, this artifact was located within the development zone of Unit 21-14J (see Map 2).

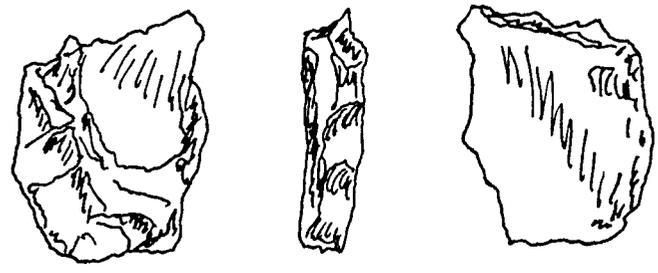


FIGURE 2: Isolated Artifact 1410G/x1 (actual size)

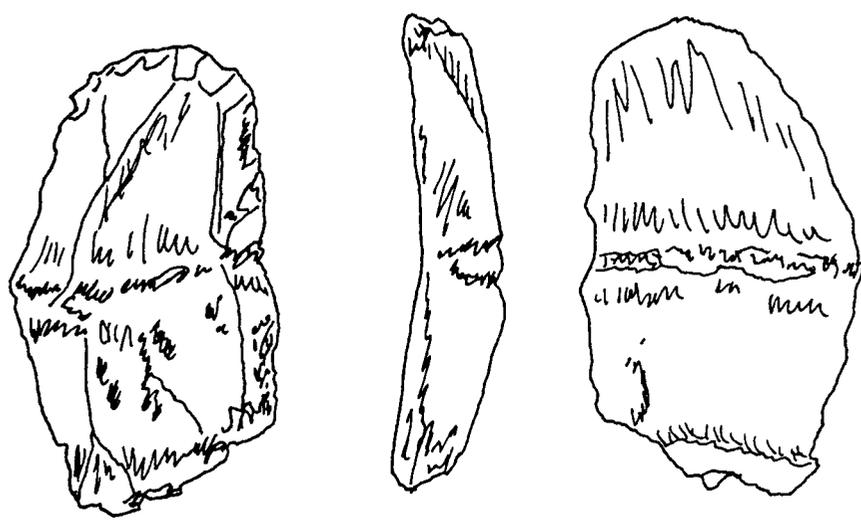
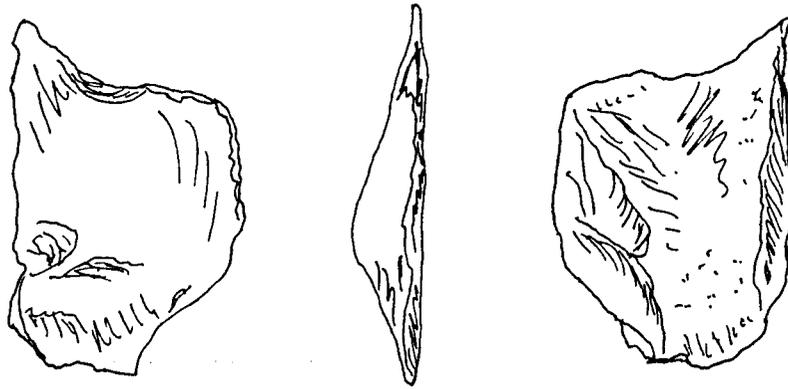
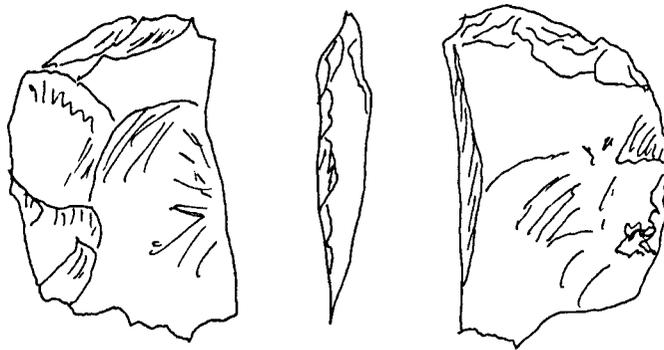


FIGURE 3: Isolated Artifact 1410G/x2 (actual size)



**FIGURE 4: Isolated Artifact 1410G/x3
(actual size)**



**FIGURE 5: Isolated Artifact 1410G/x4
(actual size)**

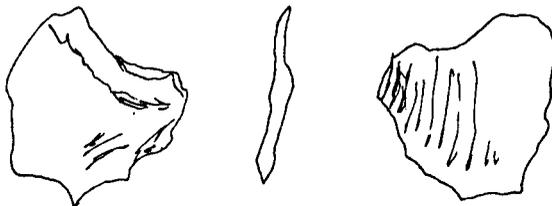


FIGURE 6: Isolated Artifact 1410G/x5
(actual size)

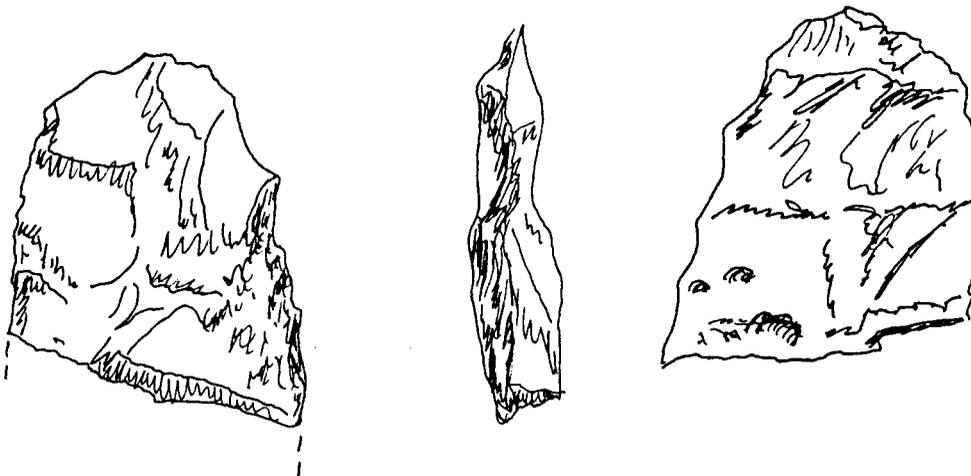


FIGURE 7: Isolated Artifact 1410W/x1
(actual size)

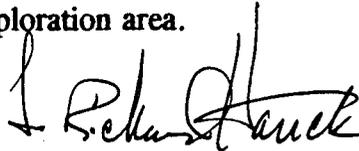
CONCLUSION AND RECOMMENDATIONS

Site 42DC 780, a significant prehistoric resource, cannot be avoided by moving the location of proposed Unit 34-12J since both the site and the well location occupy the top of an isolated butte. The development of Unit 34-12J will result in the destruction of Site 42DC 780 unless the adverse effect is adequately mitigated through the initiation of an archaeological recovery program.

No known significant cultural or paleontological resources will be adversely impacted during the development and operation of Balcron Units 31-1J, 32-1J, 44-1J, 12-11J, 11-12J, 32-12J, and 21-14J as evaluated during this project.

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

1. Should Balcron determine that the initiation of drilling activities on Unit 34-12J should proceed, AERC recommends that an extensive testing and artifact recovery program be implemented on this site prior to the construction period. Such a program should map the complete site including a point-plot map of all surface artifacts. In addition, the archaeological recovery program should section existing fire hearths to recover radiometric samples and to document all buried cultural contexts associated with those hearths. The stabilized dune deposits on the site should be test excavated in order to determine the presence of buried cultural contexts which could be disrupted during the construction of adjacent Unit 34-12J or could be vandalized by collectors during the construction phase or after completion of the drilling site.
2. 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.
3. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
4. 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

REFERENCES

Hadden, Glade V and F. R. Hauck

1993a 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.

1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, 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 Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.
- 1993c 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.

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.



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 #32-12J Well, 1805' FNL, 2138' FEL, SW NE, Sec. 12, 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 #32-12J 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 43-013-31419.

Sincerely,



R.J. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc: Duchesne County Assessor
Bureau of Land Management, Vernal
WOI1

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

5. Lease Designation and Serial No.

U-035521

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 #32-12J

9. API Well No.

43-013-31419

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) 255-7860

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

SW NE Section 12, T9S, R16E

1804.8' FNL, 2138.6' FEL

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 Identification of chemicals

- 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.)*

See attached.

DEC 03 1993

DIVISION OF
REGULATORY AFFAIRS

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

Signed Bobbie Schuman

Title Coordinator of Environmental and Regulatory Affairs

Date December 1, 1993

(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

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.

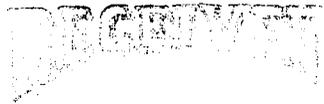
12/1/93
/rs



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 32-12J
43-013-31419
Sec. 12, 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'

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

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



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

December 8, 1993

-- VIA FEDERAL EXPRESS --

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

CONFIDENTIAL

Gentlemen:

Enclosed are sundry notices forwarding paleontology reports of wellpad location and access roads for the following:

Balcron Monument Federal #44-1J
Balcron Monument Federal #34-12J
Balcron Monument Federal #32-12J 43-013-31419
Balcron Monument Federal #32-1J
Balcron Monument Federal #31-1J
Balcron Monument Federal #21-14J
Balcron Monument Federal #12-11J
Balcron Monument Federal #11-12J

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

RECEIVED

DEC 10 1993

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

5. Lease Designation and Serial No.

U-035521

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcrion Monument Federal #32-12J

9. API Well No.

43-013-31419

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

Type of Well

Oil Well Gas Well Other

Name of Operator

Equitable Resources Energy Company, Balcrion 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 NE Section 12, T9S, R16E

1804.8' FNL, 2138.6' FEL

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 paleo report

- 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.)

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 paleontology report of the wellpad location and access road.

I hereby certify that the foregoing is true and correct

Coordinator of Environmental
and Regulatory Affairs

Date December 8, 1993

Signed Bobbie Schuman
(This space for Federal or State office use)

Title

Date

Approved by _____
Conditions of approval, if any:

Title

Date

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

Balcron Monument Federal #32-12J

SW NE Section 12, 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**

DECEMBER 4, 1993

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT BUTTE FEDERAL #32-12J

Description of Geology and Topography-

This well location is approximately 10 miles south of Myton, Utah. It is located in Castle Peak Draw where the valley floor is nearly 1/4 mile wide and fairly flat.

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.

There is no access road required. The wellpad has interbedded mudstone and sandstone brown to green-gray in color. Some of the area is also covered with silty sand and rock fragments.

Paleontological material found -

There were several 1/4 to 1/2 inch thick and 1 to 1 1/2 inches wide pieces of rusty colored turtle shell near corner #4 (65+- yards, 296 degrees west from the center stake).

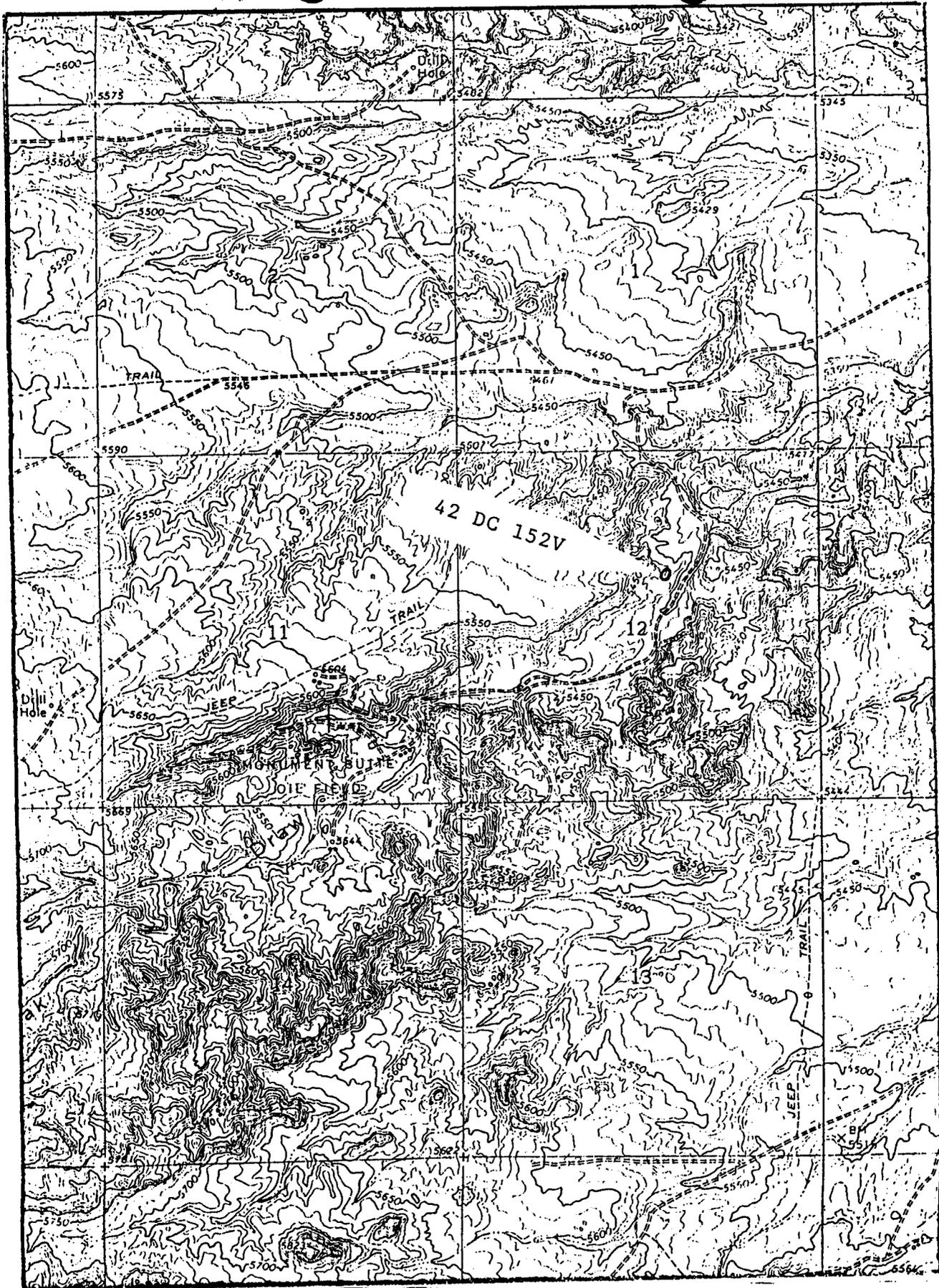
Recommendations-

No recommendations are made for this location.

Alfred H. Hamblin

Date December 6, 1993

PALEONTOLOGY LOCALITY Data Sheet					Page 1 of 1 plus map										
					State Local. No. 42 DC 152 V										
					Agency No.										
					Temp. No BALCRON MONUMENT BUTTE FEDERAL #32-12J										
1. Type of locality Invertebrate		Plant		Vertebrate		X Trace		Other _____							
2. Formation: UINTA			Horizon: "B"			Geologic Age: Late Eocene									
3. Description of Geology and Topography: It is located in Castle Peak Draw where the valley floor is nearly 1/4 mile wide and fairly flat. 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. There is no access road required. The wellpad has interbedded mudstone and sandstone brown to green-gray in color. Some of the area is also covered with silty sand and rock fragments.															
4. Location of Outcrop: 10 miles south of Myton, Utah.															
5. Map Ref.		USGS Quad		Myton SE, Utah		Scale		7.5 Min		Edition		1964			
NW	of	SW1/4	of	NE1/4	of Sectn	12	T	9 S	R	16E	Meridn	SLB			
6. State: UTAH			County: DUCHESNE COUNTY			BLM/FS District: VERNAL- DIAMOND MT.									
7. Specimens Collected and Field Accession No. NONE															
8. Repository:															
9. Specimens Observed and Disposition: There were several 1/4 to 1/2 inch thick and 1 to 1 1/2 inches wide pieces of rusty colored turtle shell near corner #4 (65+- yards, 296 degrees west from the center stake).															
10. Owner:		State		BLM		X US FS		NPS		IND		MIL		OTHR	
11. Recommendations for Further Work or Mitigation: No recommendations are made for this location.															
12. Type of Map Made by Recorder:															
13. Disposition of Photo Negatives:															
14. Published References: Hamblin, A. H., 1992, Paleontology Report on the Monument Butte EA Study Area, for Mariah Associates, Laramie, Wyoming.															
15. Remarks:															
16. Sensitivity:		Critical		Significant		Important		X		Insignificant					
17. Recorded by: Alden Hamblin, Paleontologist						Date: October 28, 1993									



42 DC 152V

BALCRON OIL MONUMENT BUTTE FEDERAL #32-12J
SW NE SEC. 12, T9S, R16E, SLB&M MYTON SE, UT QUAD



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 14, 1994

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

Gentlemen:

Enclosed are sundry notices reporting the intended drilling water source for the following proposed wells in the Monument Butte Field:

Balcron Monument Federal #33-8

Balcron Monument Federal #43-7

Balcron Monumtne Federal #32-12J

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

FEB 16 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

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 NE Section 12, T9S, R16E
1804.8' ENL, 2138.6' FEL

5. Lease Designation and Serial No.

U-035521

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 #32-12J

9. API Well No.

43-013-31419

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 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>water source</u>
	<u>for drilling</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 intends to use the Joe Shields water source as noted in the approved APD. A copy of that permit is on file at the Vernal BLM.

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

Signed Bobbie Schuman

Coordinator of Environmental
and Regulatory Affairs

Title

Date February 14, 1994

(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

CONFIDENTIAL
CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES

WELL NAME: BALCRON MONUMENT FEDERAL 32-12J

API NO. 43-013-31419

Section 12 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 2/28/94

Time 10:30 AM

How DRY HOLE

Drilling will commence _____

Reported by DENNIS-DOGM

Telephone # _____

Date 2/28/94 SIGNED JLT

MAR 2 1997

OPERATOR Equitable Resources Energy Company
Balcron Oil Division

OPERATOR ACCT. NO. N 9890

ADDRESS P.O. Box 21017
Billings, MT 59102
(406) 259-7860

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	43-013-31419	Balcron Monument Federal #32-12J	SW NE	12	9S	16E	Duchesne	2-28-94	2-28-94
WELL 1 COMMENTS: Spud of a new well, please add to existing Jonah Unit. <i>940304 Entity added. Lee</i>											
WELL 2 COMMENTS:											
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)

Debbie Schuman
 Signature
 Coordinator of Environmental and
 Regulatory Affairs
 Title _____ Date _____

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

Date: 2-28-94

Phone No. (406) 259-7860

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #32-12J

Location: SW NE Section 12, T9S, R16E

Duchesne County, Utah

1804.8' FNL, 2138.6' FEL

PTD: 5800' Formation: Green River

Jonah Unit / Monument Butte Field

Elevations: 5413' GL

Contractor: Union Drilling KB 10'

Operator: Balcron/EREC

Spud: 2-28-94 @ 10:30 a.m.

Casing: 8-5/8" 24# J-55 @ 263'KB

---TIGHT HOLE---

Tubing:

2-12/17-94 Work on and finish location.

2-28-94 Move Leon Ross Drilling on & spud @ 10:30 a.m.

3-1-94 Run 6 jts 8-5/8" surface & cmt as follows:

Guide Shoe .60'

1 jt 8-5/8" 24# Shoe jt 42.45'

Insert Float -----

5 jts 8-5/8" 24#, J-55 212.25'

255.30'

Casing set @ 253'GL

Union Drilling KB (10') 263'KB

3 Centralizers

Cement by Western w/150 sxs Class "G" w/2% CCL & 1/4#/sx Celoflakes. Lost part of returns, but got 1 bbl of good cmt to pit. Good job. Plug down @ 5 p.m.

DC: \$22,797

CC: \$22,797

4-2-94 TD: 716' (453') Day 1

Formation: Uintah

MW 8.3 VIS 26

Present Operation: Drilling

MIRU. NU BOP & test BOP & manifold to 2000# - OK. Test csg to 1500# - OK. PU collars & drill cmt, survey & drill ahead.

DC: \$11,089

CC: \$33,886

4-3-94 TD: 2,052' (1,336') Day 2

Formation: Green River

MW 8.3 VIS 26 pH 9

Present Operation: Drilling

Drill, survey, slip & cut drill line, clean on rig. Time Change.

DC: \$17,782

CC: \$51,668

4-4-94 TD: 3,138' (1,086') Day 3

Formation: Green River

MW 8.3 VIS 26

Present Operation: Drilling

Drill, survey, & clean on rig. "Very Windy".

DC: \$14,770

CC: \$66,438

DAILY OPERATING REPORT**BALCROW MONUMENT FEDERAL #32-12J****Location: SW NE Section 12, T9S, R16E****Duchesne County, Utah****---TIGHT HOLE---**

4-5-94 TD: 3,955' (817') Day 4
Formation: Yellow Zone
MW 8.4 VIS 26 pH 9.8
Present Operation: Drilling
Drill, survey, load hole & circ, trip for bit, drill, survey &
clean on rig.
DC: \$11,692 CC: \$78,130

4-6-94 TD: 4,565' (610') Day 5
Formation: Yellow Zone
MW 8.4 VIS 26 pH 9.8
Present Operation: Drilling
Drill, survey, & clean on rig.
DC: \$9,130 CC: \$87,260

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #32-12J

Location: SW NE Section 12, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

4-10-94 TD: 5,800' (0') Day 9
Formation: Green River
Present Operation: RDMO.
LD drill pipe & collars. Install 5-1/2" pipe rams & test BOP to 2000# - OK. Run 5-1/2" csg & cmt as follows:
Guide Shoe .60'
One jt 5-1/2" 15.5# Shoe Jt 43.77'
Float Collar -----
132 jts 5-1/2" 15.5# K-55 5742.65'
5787.96'
Landing Jt 9.00'
Csg set @ 5796.96'KB
PBSD @ 5751.65'KB
20 centralizers.
Cement by Western w/238 sxs Thrifty-lite & tail w/250 sxs 50-50 POZ. Jts looked good. ND BOP, set slips & clean mud tank. Plug down @ 4 p.m. 4-9-94, release rig @ 8 p.m. 4-9-94.
DC: \$50,799 CC: \$174,609

4-14-94 Completion
Dress up location. Set rig anchors. MIRU Cannon Well Service Rig #2. NU wellhead, NU BOP. TIH w/4-3/4" bit, csg scraper, & 184 jts 2-7/8" tbg. Tag PBSD @ 5756'KB. Circ well clean w/125 bbls 2% KCL wtr. TOOH w/tbg & tools. RU Schlumberger to run CBL from PBSD to 735'KB, cmt top @ 933'KB. Bond log run w/1000# on csg. RU Schlumberger to perf 4934'-38' (7 holes) & 4790'-98' (8 holes). Rd Schlumberger & SDFN.
DC: \$8,156 CC: \$182,765

4-15-94 Completion
CP - 0. TIH w/RBP, retrieving tool, 2-7/8" x 4' sub, HD packer, SN & 156 jts 2-7/8" tbg. Set BP @ 4896'KB, leave packer unset @ 4774'KB. SWIFD.
DC: \$3,325 CC: \$186,090

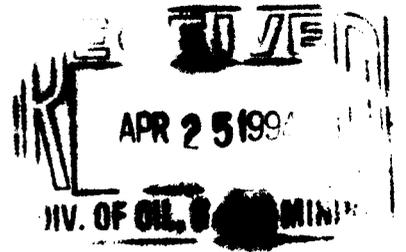
4-18-94 Completion
RU Western to break down & frac 4790'-98' & 4934'-38'. 4790'-98' Stage #1: break down w/500 gals 15% HCL, ISIP = 950 psi refer to treatment report. Stage #1 - 4790'-98' could not reset BP, TOOH w/tbg & tool, TIH w/BP & packer assembly. Reset BP @ 4962'KB, packer @ 4888'KB, EOT @ 4896'KB. Break down 4934'-38' w/500 gals 15% HCL, ISIP = 1600 psi refer to treatment report. Reset packer @ 4774'KB, pump for rate, 4790'-98' & 4934'-38' 12.7 BPM, 4660 psi. RU to frac, 4790'-98' & 4934'-38'. Frac w/37,340# 16/30 mesh sand w/18,388 gals 2% KCL wtr. Average treating pressure = 2700 psi, max = 2990 psi. Average treating rate = 30 BPM, max 30.4 BPM. ISIP - 1850 psi, 5 min 1680 psi, 10 min 1560 psi & 15 min 1500 psi refer to treatment report. SWIFN.
DC: \$28,824 CC: \$214,914

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #32-12J

Location: SW NE Section 12, T9S, R16E
 Duchesne County, Utah

---TIGHT HOLE---

- 4-19-94 Completion
 CP - vac. TIH w/RH packer & 2-7/8" tbg. Tag sand @ 4690'KB. Circ clean ot 4962'KB (BP). Set packer @ 4774'KB. Made 30 swab runs. Swabbed back 180 BW, trace of oil, good gas. Fluid level stable @ 2800' last 5 runs. SWIFN.
 DC: \$1,985 CC: \$216,899
- 4-20-94 Completion
 TP - 5 psi. Tag fluid @ 1700'. Made 7 swab runs, recovered 42 bbls fluid, trace of oil. Release packer, tag sand @ 4936'KB, circ down to BP, release BP, TIH to 5024'KB, circ hole clean. TOOH w/tbg & tools. RU Schlumberger to run GR Trace Log on 4934'-38' & 4790'-98'. RD Schlumberger. TIH w/production string as follows:
- | | <u>LENGTH</u> | <u>DEPTH KB</u> |
|--|---------------|-----------------|
| 1 jt 2-7/8" EUE J-55 SRD 6.5# | 31.10' | 5018.94' |
| 1 Perf Sub 2-7/8" x 3' | 3.20' | 4987.84' |
| 1 Seat Nipple | 1.10' | 4984.64' |
| 7 jts 2-7/8" EUE J-55 SRD 6.5# | 217.69' | 4983.54' |
| 1 Tbg Anchor 2-1/2"x5-1/2" set w/
20" tension | 2.35' | 4765.85' |
| 152 jts 2-7/8" EUE J-55 *rd 6.5# | 4753.50' | 4763.50' |
| Union Drilling Rig #17 KB | 10.00' | |
- ND BOP, NU wellhead. TIH w/rod production string as follows:
 1 BHP 2-1/2"x1-1/2"x16' RWAC w/pa plunger
 198 - 3/4" x 25' Plain Rods D-61
 1 - 3/4" x 8' Pony
 1 - 3/4" x 6' Pony
 1 - 3/4" x 4' Pony
 1 - 1-1/4" x 22' Polish rod SM
 Clamp rods off. RDMO. WO Surface equipment.
 DC: \$24,703 CC: \$241,602
- 4-28-94 Start well pumping @ 11:30 a.m. 4-28-94. 3-1/2 SPM, 89" stroke. Pumping Unit: Lufkin - Model LM-228D-213-86T, S/N D129533A-525674. Engine: Ajax - Model E-42, S/N 70065. Tanks: 12' x 20', 400 bbl w/burners. S/N #1 12F-03865-23133, S/N 32 12F-03864-23132. Contract Pumper - Joe Ivie.
 DC: \$16,673 CC: \$258,275



GEOLOGIC AND DRILLING REPORT
43-013-31419
BALCRON OIL
MONUMENT BUTTE FEDERAL NO. 32-12J
SWNE SECTION 12-T9S-R16E
DUCHESNE COUNTY, UTAH

BALCRON OIL
Equitable Resources Energy Corp.
P.O. BOX 21017
Billings, Montana 59104

MICROFICHE

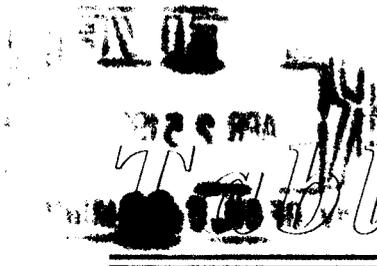


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Strip Log-----	Pocket

Prepared by:

M.K. Jones
P.O. Box 21194
Billings, MT 59104
(406) 652-4505

Well Summary

OPERATOR: Balcron Oil

LEASE AND WELL NAME: Monument Butte Federal No. 32-12J

LOCATION: SWSE (1805' In, 2139' fw), Section 12-T9S-R16E
Duchesne County, Utah

ELEVATION: 5417 Ground, 5427 K.B.

SPUD DATE: February 28, 1994 @ 10:30 AM

COMPLETION DATE: Ran 5 1/2" Production Casing, April 9, 1994

CASING POINT, DATE: April 8, 1994

TOTAL DEPTH: 5800' Driller Depth, 5798' Logger Depth

WELL STATUS: Awaiting Completion as Oil Well

DRILLING CONTRACTOR: Union Drilling Company

RIG NO.: 17

HOLE SIZE: Surface; 12 1/4" to 263' Main Hole; 7 7/8" to 5800'

SURFACE CASING: 6 Joints (255.3') 8 5/8", 24#, J-55 @ 263 K.B.
w/150 sx "G" + 2% CaCl + 1/4#/sk Floccle

MUD PROGRAM: Air & KCl Mist to 3858'
Fresh water + KCl to Total Depth

LOGS: Schlumberger DLL-MSFL; LDT-CNL-GR-Caliper

CORES: None

DRILL STEM TESTS: None

SAMPLE QUALITY: Good

PRODUCTION CASING: 5 1/2", 15.5# @ Total Depth

DRILLING EQUIPMENT: RIG: Draw Works Cabot-Franks Rocket
Mast Make Cabot Height 87'
Power Caterpillar 343 Diesel

BLOW OUT PREVENTER: Make Schaeffer, Model 10" - 900
Type Hydraulic Dbl Ram
Drill Pipe Size 4 1/2" Thread XH 16.6#
Drill Collars: NO.18, Length 496'
Thread 4"H-90, ID 2 1/2", OD 6"

PUMPS: NO. 1 Make GD, Model 200 FX,
Stroke Length 14"
Liner ID 5 1/2".
Power Twin 671 Detroit Diesels

Penetration Record

DAILY DEPTH AT 6:00 A.M.

Monument Butte Federal 32-12J

	PENETRATION		TIME DISTRIBUTION					
	DATE	DEPTH	FOOTAGE	DRILLING	REPAIRS	OTHER		DAY WORK
2-28-94	-	-	-	-	-	-	-	Spud @ 10:30 AM
3-1-94	263	253	8	-	-	-	-	Run & Cmt 8 5/8" Csg.
4-1-94	263	-	-	-	-	-	-	Move In & Rig Up
4-2-94	716	453	7 1/4	-	16 3/4	-	-	Pressure Up BOP & Csg
4-3-94	2052	1336	18 1/2	-	5 1/2	-	-	
4-4-94	3138	1086	22	-	2	-	-	
4-5-94	3955	817	16 1/2	-	7 1/2	-	-	Trip f/Bit
4-6-94	4565	610	22 1/2	-	1 1/2	-	-	
4-7-94	4868	303	18	-	6	-	-	Trip f/Bit
4-8-94	5528	660	22 1/2	-	1 1/2	-	-	
4-9-94	5800	272	12	-	12	12	-	Logging; Lay Dwn D/P
4-9-94	5800	-	-	-	9	9	-	Run & Cmt 5 1/2" Csg

Rig Released @ 3:00 PM
on April 9, 1994

TIME DISTRIBUTION SUMMARY

Rotating Hours----- 139 1/4 Hours
 Days on Location----- 9 Days
 Rig Repair----- 0 Hours
 Day Work----- 21 Hours

Mud Check

Monument Butte Federal No. 32-12J

<u>DATE</u>	<u>DEPTH</u>	<u>WT.</u>	<u>VIS.</u>	<u>PH</u>	<u>WL</u>	<u>CAKE</u>	<u>SALT</u>	<u>KCL</u>
4-2-94	716		Drilling w/Air and Mist				1800 cfm	120 psi
4-3-94	2056						1800 cfm	150 psi
4-4-94	3138						1800 cfm	200 psi
4-5-94	3955	8.4	26	9.8	-	film	9500	1.6
4-6-94	4565	8.4	26	9.8	-	film	9000	2.0
4-7-94	4868	8.4	26	9.6	-	film	8500	1.7
4-8-94	5528	8.4	26	9.6	-	film	10,400	2.2
4-9-94	5800	8.4	26	9.6	-	film	10,400	2.6

Mud Additives

KCL----- 50 sx

Lime----- 25 sx

Bit Record



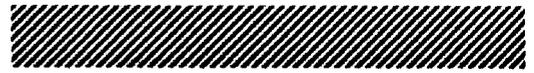
Monument Butte Federal No. 32-12J

<u>NO.</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>JETS</u>	<u>OUT</u>	<u>FEET</u>	<u>HRS.</u>	<u>WEIGHT</u>	<u>RPM</u>	<u>SPM</u>	<u>PRESS</u>	<u>DEV</u>
1	7 7/8"	STC	F27A	open	3858	3595	60 3/4	40	55	Air	200	1°
2	7 7/8"	HTC	ATJ-33H	12	4786	928	41	42	65	55	900	1°
3	7 7/8"	HTC	ATJ-35C	12	5800	1014	35 1/2	42	60	55	1000	2°

Deviation Record

<u>DEPTH</u>	<u>ANGLE</u>	<u>DEPTH</u>	<u>ANGLE</u>
280	3/4°		
879	1°	3340	1 1/2°
1400	3/4°	3889	1°
1850	1°	4410	1°
2350	3°	4910	1°
2850	3°	5406	2°

Show Report



Monument Butte Federal 32-12J

NO	DEPTH	DRILL RATE, Min/Ft			TOTAL GAS Units			CHROMATOGRAPH %				
		From - To	Before	During	After	Before	Peak	After	C1	C2	C3	C4
1	2600-2650		1.8	0.8	1.8	2	5	2	0.5	Tr	Tr	Tr
2	2866-2870		0.9	1.3	1.6	8	220	10	2.0	-	-	-
3	4044-4048		2	2	2	10	70	10	0.6	0.3	0.2	0.2
4	4152-4156		2.2	1.5	2	10	140	10	1.3	0.5	0.3	0.3
5	4354-4358		2.2	1.7	2.2	8	240	12	1.2	0.9	0.6	0.6
6	4788-4798		2.8	2.2	2.5	10	400	30	4.0	1.4	0.8	0.9
7	5492-5506		2.4	1.4	3.0	20	500	30	3.5	1.4	0.8	1.2

REMARKS

1. Sandstone - mostly loose grains, very fine to fine, clear, angular to sub-rounded, film of light brown oil, bright yellow fluorescence, quick streamer cut.
2. Sandstone - light gray, white, very fine grained, calcareous, sub-angular, slight oil stain, faint streaming cut.
3. Sandstone - tan, light gray, very fine to fine grained, angular, calcareous, tight to poor porosity, light brown oil stain, faint yellow fluorescence, instant bright yellow streaming cut.
4. Sandstone - light brown, very fine to fine grained, silty, angular, calcareous, poor porosity, light brown oil stain, faint yellow fluorescence, quick strong streaming cut.
5. Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, tight, slight brown oil stain, faint yellow fluorescence, quick strong streaming cut.
6. Sandstone - white, light gray, very fine to fine grained, silty, angular, calcareous, locally poor porosity, faint brown oil stain, slight yellow fluorescence, slight streaming cut.
7. Sandstone - tan, very fine to fine grained, silty, calcareous, poor to fair porosity, light brown oil stain, bright yellow fluorescence, instant strong streaming cut.

Formation Data



Monument Butte Federal 32-12J

Sample Tops

<u>ELEVATIONS</u>	<u>5417 GL</u>	<u>5427 K.B.</u>		<u>STRUCTURAL</u>
<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>	<u>THICKNESS</u>	<u>RELATIONSHIP</u>
				<u>HIGH/LOW</u>
<u>TERTIARY</u>				
Uinta	Surface	+5417	1470	33' Low
Green River	1480	+3947	670	37' Low
Horseshoe Bench	2150	+3277	1656	45' Low
2nd Garden Gulch	3806	+1621	200	53' Low
Y1	4006	+1421	137	55' Low
Y3	4143	+1284	210	72' Low
Y5	4353	+1074	81	62' Low
Yellow Marker	4434	+993	163	51' Low
Douglas Creek	4597	+830	82	54' Low
R2	4679	+748	102	65' Low
R5	4781	+646	60	69' Low
2nd Douglas Creek	4841	+586	93	60' Low
G1	4934	+493	54	58' Low
Green Marker	4988	+439	113	55' Low
G4	5101	+326	341	51' Low
Carbonate Marker	5442	-15	47	Not reached
B1 Sandstone	5489	-62	311+	Not reached
TOTAL DEPTH	5798'			

REFERENCE WELL : Graham S. Campbell
 Government No. 4
 NESW - Section 12
 (2000' West)

Sample Description

Balcron Oil
Monument Butte Federal No. 32-12J
Duchesne County, Utah
SWNE Section 12-T9S-R16E

Samples caught from Blooie Line while drilling with air and mist. Samples begin at 1400' in Uinta Formation.

1400 - 1450 Shale - light gray, blocky, gritty, firm; Marl - tan, brown, petroliferous.

LOG TOP, GREEN RIVER FM. 1480' (+3947')

1450 - 1500 As above; Sandstone - light gray, very fine to fine grained, angular, salt and pepper, calcareous, hard, tight.

1500 - 1550 Marl - tan, brown, blocky, petroliferous; Sandstone and Shale - as above.

1550 - 1600 Marl - tan, brown, blocky, petroliferous.

1600 - 1750 No change.

1750 - 1800 Marl - brown, grayish brown, blocky, petroliferous.

1800 - 2000 No change.

2000 - 2050 Marl - light to dark brown, blocky, petroliferous.

2050 - 2150 No change.

LOG TOP, HORSESHOE BENCH SANDSTONE 2150' (3277')

2150 - 2200	Marl - light brown, blocky, petroliferous; Shale - light to medium gray, brownish gray, hard, blocky, limey to calcareous, partly gritty; Sandstone - white to light gray, very fine to fine grained, silty, angular, calcareous, hard, tight; Siltstone - light gray, calcareous, shaley.
2200 - 2250	Marl and Shale - as above.
2250 - 2300	Marl - light to medium brown, blocky, petroliferous.
2300 - 2350	No change.
2350 - 2400	Marl - grayish brown, brown, lumpy, petroliferous.
2400 - 2450	No change.
2450 - 2500	Marl - buff, tan, brown, grayish brown, lumpy to blocky, petroliferous.
2500 - 2550	Limestone - buff, tan, hard, argillaceous; Marl - as above.
2550 - 2600	Marl - tan, brown, blocky, petroliferous; some Limestone - as above.
2600 - 2650	Sandstone - mostly loose grains, very fine to fine, clear, angular to sub-round, <u>film of light brown oil, bright yellow fluorescence, quick strong streaming cut.</u>
2650 - 2700	No change.
2700 - 2750	Siltstone - brown, blocky, limey, slightly petroliferous.
2750 - 2800	Marl - light to medium brown, blocky, locally gritty, petroliferous.
2800 - 2850	No change.
2850 - 2900	As above; Limestone - buff, very fine crystalline, argillaceous.
2900 - 2950	Siltstone - medium gray, sandy, shaley, hard, calcareous; Limestone - buff, light gray, tan, micritic, argillaceous.
2950 - 3000	Marl - tan, light brown, blocky, petroliferous.

- 3000 - 3050 Limestone - light gray, buff, tan, micritic, argillaceous to gritty.
- 3050 - 3100 Shale - light gray, blocky, hard, silty, calcareous; Siltstone - light gray, calcareous, sandy.
- 3100 - 3150 Shale - light to medium gray, brownish gray, fissile to blocky, calcareous; some Limestone - buff, tan, brown, shaley.
- 3150 - 3200 Limestone - cream, buff, tan, brown, micritic, partly argillaceous; some Shale - as above.
- 3200 - 3250 Shale - light to medium gray, blocky, calcareous, hard; Limestone - as above.
- 3250 - 3400 No change.
- 3400 - 3450 Shale - light gray, blocky, gritty, calcareous, hard; Siltstone - light gray, shaley, calcareous; Limestone - as above.
- 3450 - 3500 Shale - as above; some Limestone - as above.
- 3500 - 3550 No change.
- 3550 - 3600 As above; Sandstone - white, very fine grained, silty, angular, calcareous to clay filled, hard, tight, slight brown oil film, slow streamer cut.
- 3600 - 3650 Marl - tan, brown, blocky, petroliferous; Limestone - tan, brown, micritic.
- 3650 - 3700 As above; Shale - medium gray, blocky, calcareous.
- 3700 - 3750 Shale - light to medium gray, blocky to fissile, calcareous, hard; Marl and Limestone - as above.
- 3750 - 3800 Shale - as above; Siltstone - light gray, very sandy, calcareous, hard.

LOG TOP, 2ND GARDEN GULTCH 3806' (+1621')

- 3800 - 3850 Limestone - buff, tan, brown, micritic, partly argillaceous; Shale and Siltstone - as before.

Change over to Fresh Water Drilling Fluid at 3858'.

3850 - 3900 Sandstone - white, light gray, very fine grained, silty, (grades to Siltstone), angular, calcareous, hard, tight; Shale and Limestone - as above.

Begin 20' Samples at 3900'.

3900 - 3920 Sandstone - light gray, white, very fine to fine grained, silty, angular, calcareous, hard, tight; some Shale and Limestone - as before.

3920 - 3940 Shale - light to medium gray, fissile, calcareous, firm.

3940 - 3960 Limestone - tan, brown, micritic, slightly argillaceous.

3960 - 3980 Shale - light gray, blocky, gritty, calcareous, hard;
Siltstone - light gray, sandy, shaley, hard, limey; some Limestone - as before.

3980 - 4000 No change.

LOG TOP, Y1 SANDSTONE 4006' (+1421')

4000 - 4020 No change.

4020 - 4040 Increase in Limestone.

4040 - 4060 As above; Sandstone - tan, light gray, very fine to fine grained, angular, calcareous, tight to poor porosity, faint yellow fluorescence, light brown oil stain, instant bright yellow streaming cut.

4060 - 4080 Siltstone - light gray, sandy, shaley, calcareous; Shale - light gray, lumpy, gritty to silty, calcareous; Limestone - tan, brown, micritic.

4080 - 4100 No change.

4100 - 4120 Sandstone - light brown, very fine to fine grained, silty, angular, calcareous, poor porosity, light brown oil stain, faint yellow fluorescence, quick strong streaming cut.

4120 - 4140 Shale and Siltstone as in 4080 - 4100'.

LOG TOP, Y3 SANDSTONE 4143' (+1284')

- 4140 - 4160 As above with Sandstone and show as in 4100 - 4120'.
- 4160 - 4180 Limestone - tan, brown, micritic, argillaceous; shale - light gray, fissile, calcareous; Siltstone - light gray, sandy; some Sandstone - with oil show, as above.
- 4180 - 4200 Limestone and Shale - as above.
- 4200 - 4220 Shale - light gray, silty, calcareous, blocky; Siltstone - light gray, sandy; Limestone - tan, brown, micritic, argillaceous.
- 4220 - 4240 Shale and Siltstone - as above.
- 4240 - 4260 No change.
- 4260 - 4280 Limestone - tan, brown, argillaceous; some Shale - as above.
- 4280 - 4300 As above; Limestone - dark brown, shaley; Sandstone - light gray, very fine to silty, angular, calcareous, hard, tight, scattered brown oil stain, slight slow streaming cut.
- 4300 - 4320 Marl - brown, petroliferous; Shale - light gray, fissile, calcareous.
- 4320 - 4340 Limestone - buff, tan, brown, micritic, partly chalky, argillaceous; Shale - light gray, calcareous; Loose Quartz grains - clear, fine to medium, angular.

LOG TOP, Y5 SANDSTONE 4353' (+1074')

- 4340 - 4360 Siltstone - light gray, sandy, calcareous, fissile; Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, tight, slight brown oil stain, faint yellow fluorescence, quick strong streaming cut.
- 4360 - 4380 Sandstone - light gray, very fine grained, very silty, angular, calcareous, hard, tight.
- 4380 - 4400 As above; Siltstone - light gray, sandy; Shale - light gray, fissile, calcareous.
- 4400 - 4420 Shale - as above; Limestone - tan, brown, micritic, argillaceous.

LOG TOP, YELLOW MARKER 4434' (+993')

- 4420 - 4440 Limestone - as above; some Shale - as above.
- 4440 - 4460 Sandstone - light gray, very fine grained, silty, angular, calcareous, hard, tight; Limestone - as above; some Shale - as above.
- 4460 - 4480 No change.
- 4480 - 4500 Shale - light gray, fissile, calcareous; some Limestone and Sandstone.
- 4500 - 4520 Siltstone - light gray, sandy, calcareous; Shale - light gray, calcareous, fissile; Marl - brown, tan, blocky, petroliferous.
- 4520 - 4540 No change.
- 4540 - 4560 Shale - light gray, fissile, calcareous, hard; Siltstone and Marl - as above; Sandstone - light gray, very fine to fine grained, silty, some, loose grains, mostly calcareous, angular to sub-rounded, tight.
- 4560 - 4580 Sandstone - as above; Siltstone - light gray, sandy, calcareous; Shale - light to medium gray, fissile, calcareous.

LOG TOP, DOUGLAS CREEK 4597' (+830')

- 4580 - 4600 Shale and Siltstone - as above; Limestone - tan, brown, micritic, argillaceous.
- 4600 - 4620 As above; Marl - tan, brown, petroliferous.
- 4620 - 4640 Shale - light to medium gray, fissile to blocky, gritty, calcareous; Sandstone - white, light gray, very fine grained, angular, calcareous, hard, tight; Limestone - tan, brown, micritic, argillaceous.
- 4640 - 4660 No change.
- 4660 - 4680 Sandstone - as above; some Shale and Limestone.

LOG TOP, R2 SANDSTONE 4679' (+748')

- 4680 - 4700 No change.

- 4700 - 4720 Siltstone - light gray, calcareous, hard; some Shale and Limestone; trace of Sandstone.
- 4720 - 4740 Shale - light gray, fissile, calcareous; Sandstone - white, very fine grained, silty, angular, clay filled, calcareous, tight; Marl - tan, brown, petroliferous.
- 4740 - 4760 Sandstone - as above; Claystone - light gray, lumpy, gritty; Marl - as above.
- 4760 - 4780 No change.

LOG TOP, R5 SANDSTONE 4781' (+646')

- 4780 - 4800 Sandstone - white, light gray, very fine to fine grained, silty, angular, clay filled, calcareous, locally poor porosity, faint brown oil stain, slight yellow fluorescence, slight streaming cut.
- 4800 - 4820 Shale - light to medium gray, blocky to fissile, calcareous, firm; Marl - tan, brown, petroliferous.
- 4820 - 4840 Marl - as above.

LOG TOP, SECOND DOUGLAS CREEK 4841' (+586')

- 4840 - 4860 Shale - light gray, blocky, calcareous, firm; Limestone - tan, brown, micritic, argillaceous.
- 4860 - 4880 As above; Siltstone - light gray, sandy, calcareous.
- 4880 - 4900 No change.
- 4900 - 4920 Sandstone - tan, very fine to fine grained, silty, angular to sub-round, calcareous, poor to fair porosity, light brown oil saturation, bright yellow fluorescence, instant strong streaming cut.

LOG TOP, G1 SANDSTONE 4934' (+493')

- 4920 - 4940 As above; Shale - light gray, calcareous, blocky to fissile.
- 4940 - 4960 Marl - dark brown, fissile, petroliferous; some Limestone - buff, tan, chalky.
- 4960 - 4980 No change.

LOG TOP, GREEN MARKER 4988' (+439')

- 4980 - 5000 Shale - light gray, fissile, gritty, calcareous; Siltstone - light gray, calcareous, sandy.
- 5000 - 5020 Shale - light to medium gray, lumpy to fissile, gritty, calcareous, firm; Limestone - tan, brown, micritic, argillaceous.
- 5020 - 5040 As above; Siltstone - medium gray, sandy, shaley, calcareous.
- 5040 - 5060 Shale and Siltstone - as above; trace of Limestone.
- 5060 - 5080 Sandstone - light gray, very fine grained, silty, angular, calcareous, hard, tight, brown oil splotches and stain, scattered yellow-brown fluorescence, slow streaming cut.
- 5080 - 5100 Sandstone - as above; Shale - light gray, calcareous, gritty, blocky.

LOG TOP, G4 SANDSTONE 5101' (+326')

- 5100 - 5120 No change.
- 5120 - 5140 Sandstone - light gray, very fine grained, silty, angular, calcareous, hard, tight, scattered poor porosity, faint oil stain, splotchy yellow fluorescence, some quick streamer cut.
- 5140 - 5160 Siltstone - light gray, calcareous, sandy; Shale - light gray, blocky to fissile, calcareous; some Limestone - buff, tan, brown, micritic, argillaceous.
- 5160 - 5180 Limestone - as above; some Shale - as above.
- 5180 - 5200 Shale - dark brown, limey, petroliferous.
- 5200 - 5220 Shale - light gray, fissile to blocky, calcareous; Shale - as above; Limestone - buff, tan, brown, micritic, argillaceous.
- 5220 - 5240 Shale - light gray, lumpy to fissile, calcareous; some Limestone - as above.
- 5240 - 5260 Shale - dark brown, fissile, calcareous, petroliferous.
- 5260 - 5280 No change.
- 5280 - 5300 No change.

- 5300 - 5320 Shale - as above; Marl - dark brown, blocky, petroliferous.
- 5320 - 5340 Shale - light to medium gray, blocky, gritty, calcareous; Marl - as above; Limestone - tan, brown, micritic, argillaceous.
- 5340 - 5360 Marl - grayish brown, dark brown, blocky, petroliferous.
- 5360 - 5380 Shale - grayish brown, light brown, blocky, calcareous, partly petroliferous; Limestone - tan, micritic, argillaceous.
- 5380 - 5400 Shale - dark brownish gray, blocky, limey, petroliferous.
- 5400 - 5420 Shale - dark grayish brown, fissile, calcareous, petroliferous.
- 5420 - 5440 Marl - dark brown, brown, blocky, petroliferous; Limestone - tan, brown, micritic, argillaceous.

LOG TOP, CARBONATE MARKER 5442' (-15')

- 5440 - 5460 No change.
- 5460 - 5480 Sandstone - white, light gray, very fine grained, silty, angular, clay filled, calcareous, hard, tight; Claystone - white, light gray, calcareous, lumpy, silty in part; Limestone - tan, brown, micritic, argillaceous.

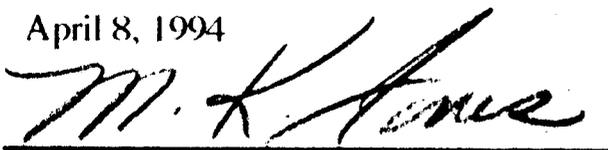
LOG TOP, B1 SANDSTONE 5489' (-62')

- 5480 - 5500 Sandstone - tan, very fine to fine grained, angular, silty, calcareous, fair to poor porosity, light brown oil stain, bright yellow fluorescence, instant, strong streamer cut.
- 5500 - 5520 Sandstone - as above; Shale - light gray, blocky, gritty, hard, calcareous; Limestone - tan, brown, micritic, argillaceous.
- 5520 - 5540 Shale - medium to light gray, blocky, hard, calcareous.
- 5540 - 5560 Sandstone - white, light gray, very fine to fine grained, angular to sub-rounded, calcareous to clay filled, tight, no show.
- 5560 - 5580 Siltstone - light gray, calcareous; Shale - light gray, calcareous, blocky; Limestone - tan, brown, micritic, argillaceous; Sandstone - as above.

- 5580 - 5600 Shale - light to medium gray, fissile to blocky, calcareous, firm; Limestone - as above.
- 5600 - 5620 Shale - as above; Siltstone - light gray, calcareous; Limestone - as above.
- 5620 - 5640 As above; Sandstone - light gray, very fine to fine grained, many loose grains, angular to sub-rounded, clay filled, calcareous, tight.
- 5640 - 5660 Sandstone - as above; some Sandstone and Limestone - as above.
- 5660 - 5680 Sandstone - as above, mostly loose grains, angular to sub-rounded, clear, no visible show.
- 5680 - 5700 Shale - light gray, blocky, calcareous, hard; Sandstone - as above; some Limestone.
- 5700 - 5720 As above; Marl - dark brown, blocky, petroliferous.
- 5720 - 5740 No change.
- 5740 - 5760 Sandstone - light gray, very fine grained, silty, angular, clay filled, calcareous, angular to sub-rounded, hard, tight; Shale - medium gray, fissile, calcareous, hard; Marl and Limestone - as above.
- 5760 - 5780 No change.
- 5780 - 5800 No change.

Driller's Total Depth 5800'
 Logger's Total Depth 5798'

April 8, 1994



M.K. Jones
 Petroleum Geologist

GEOLOGIC WELL LOG

OPERATOR: BALCRON OIL
WELL: MONUMENT BUTTE FEDERAL No. 32-12J
COUNTY: DUCHESNE STATE: UTAH
SECTION: 12, TOWNSHIP 9S, RANGE 16E *drl*
QTR. SEC. SWNE 1805' FNL, 2139' FEL
KB 5427', GR 5417'
RIG: UNION # 17
TOTAL DEPTH: 5800'
STATUS: AWAITING COMPLETION
SPUD DATE: 2-28-94 COMP. DATE: UNKNOWN
PERFS: UNKNOWN
IP: UNKNOWN

GEOLOGIST: K. Jones

Bit No. 1
F-27 A

Drilling with
Air and Mist

SS - lt gy, vf-fg, ang, S&P, calc, hd, tite

GREEN RIVER 1480'

1500

Marl - tn, brn, blk, petrol

1600

1700

Marl - brn, gysh, brn, blk, petrol

1800

1900

MIN/FT

0

5

10

2000

Marl - lt -dk brn, blk, petrol

2100

HORSESHOE BENCH 2150'

SS - wh-lt gy, vf-fg, slty, ang, calc, hd, tite;
Sh - lt-md gy, brnsh gy, hd, blk, lmy-calc,
prtly grty
Slst - lt gy, calc, shly

2200

Marl - lt-md brn, blk, petrol

2300

2400

Marl - bf, tn, brn, gysh brn, lmpy-blky, petrol

2500

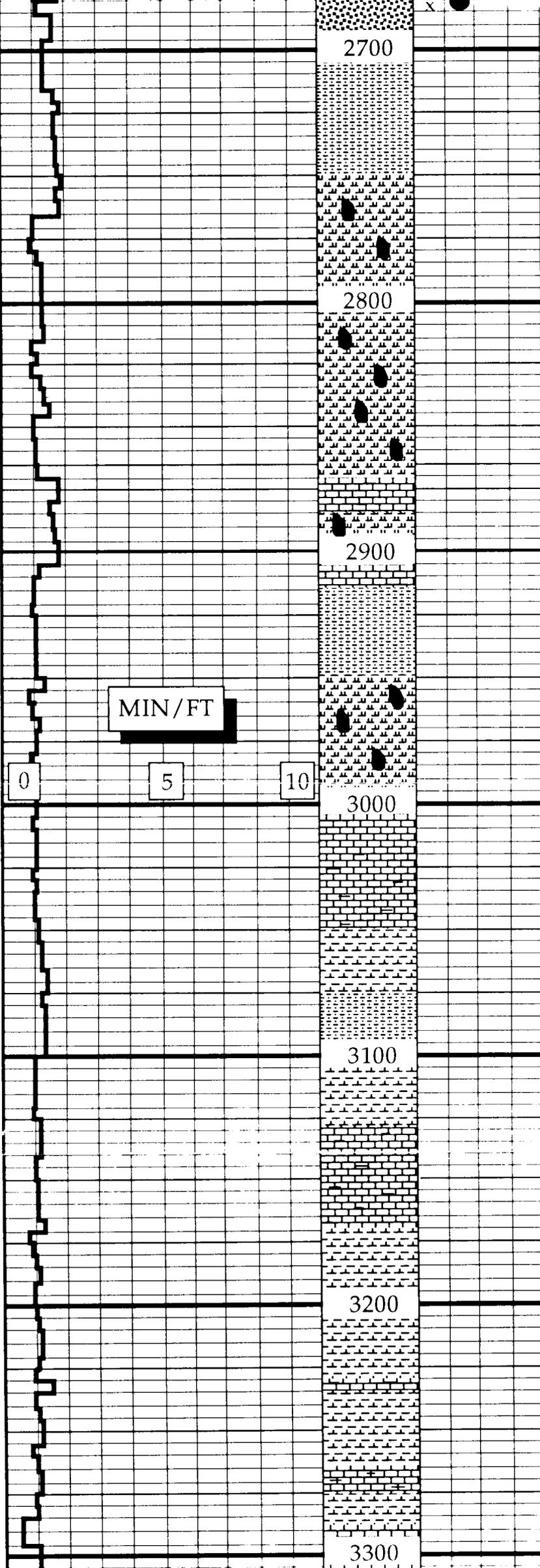
Ls - bf, tn, hd, arg

Marl - tn, brn, blk, petrol

2600

SS - mstly lse gns, vf-f, clr, ang-sb rnd,
flm of lt brn Oil, qk stng strmg ct

X
X



Slst - tn, brn, blk, lmy, sli petrol

Marl - lt-md brn, blk, lclly grty, petrol

Ls - bf, vfxln, arg

Slst - md gy, sdy, shly, hd, calc;
Ls - bf, lt gy, tn, mic, arg

Marl - tn, lt brn, blk, petrol

Ls - bf, tn, lt gy, arg, grty

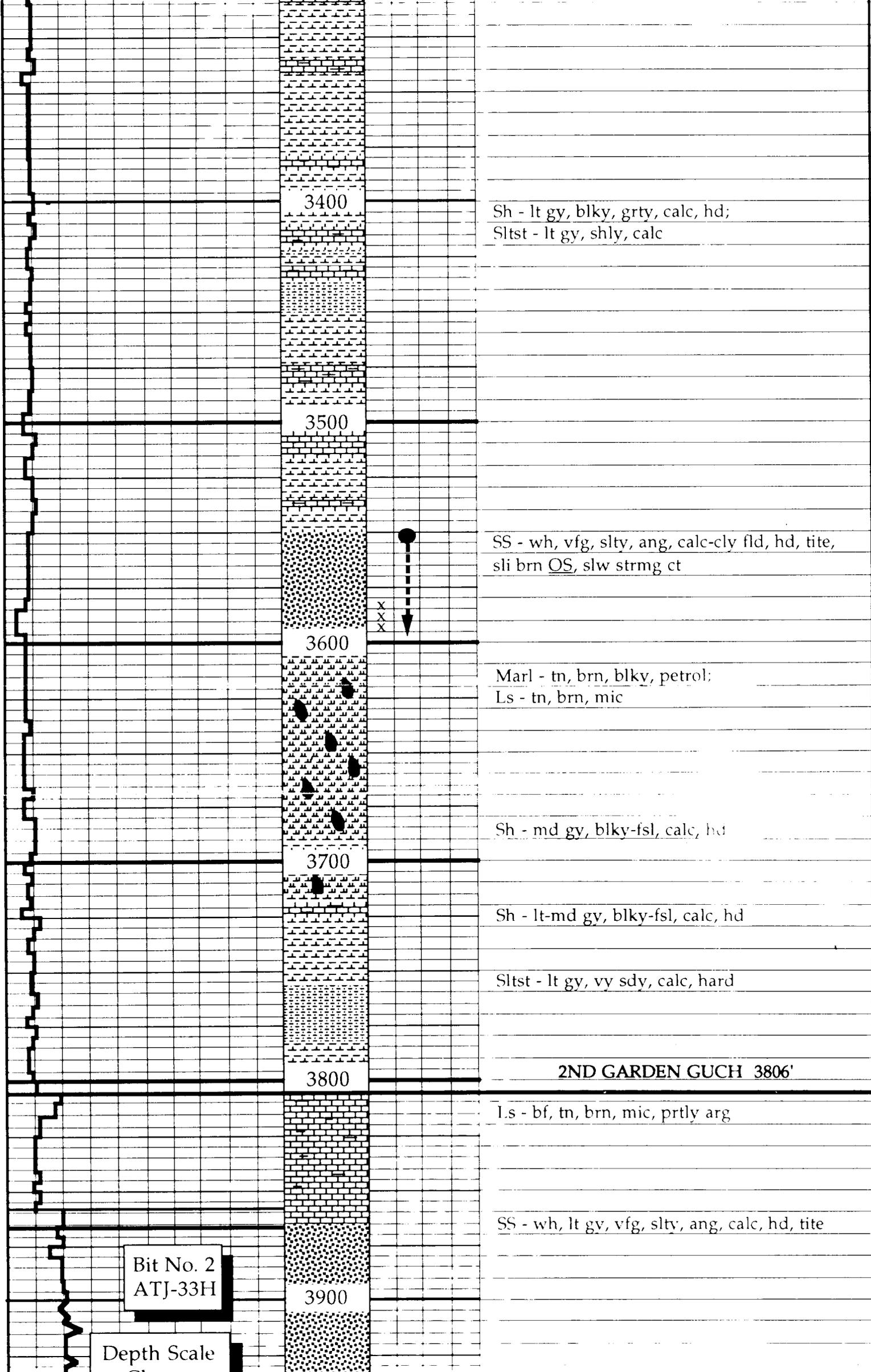
Sh - lt gy, blk, hd, slty, calc;
Slst - lt gy, calc, sdy

Sh - lt-md gy, brnsh gy, fsl-blky, calc;
sm Ls - bf, tn, brn, shly

Ls - crm, bf, tn, brn, mic, prtly arg

Sh - lt-md gy, blk, calc, hd

3300



Bit No. 2
ATJ-33H

Depth Scale

Change

Sh - lt-md gy, fsl, calc, frm

Ls - tn, brn, mic, sli arg

Sh - lt gy, blk, grty, calc, hd;
Sltst - sdy, shly, lmy, hd

MIN/FT

0

5

10

4000

Y1 SANDSTONE 4006'

SS - tn, lt gy, vf-fg, ang, calc, tite to pr por,
fnt yell fluor, lt brn OS, inst brt yell strmg ct

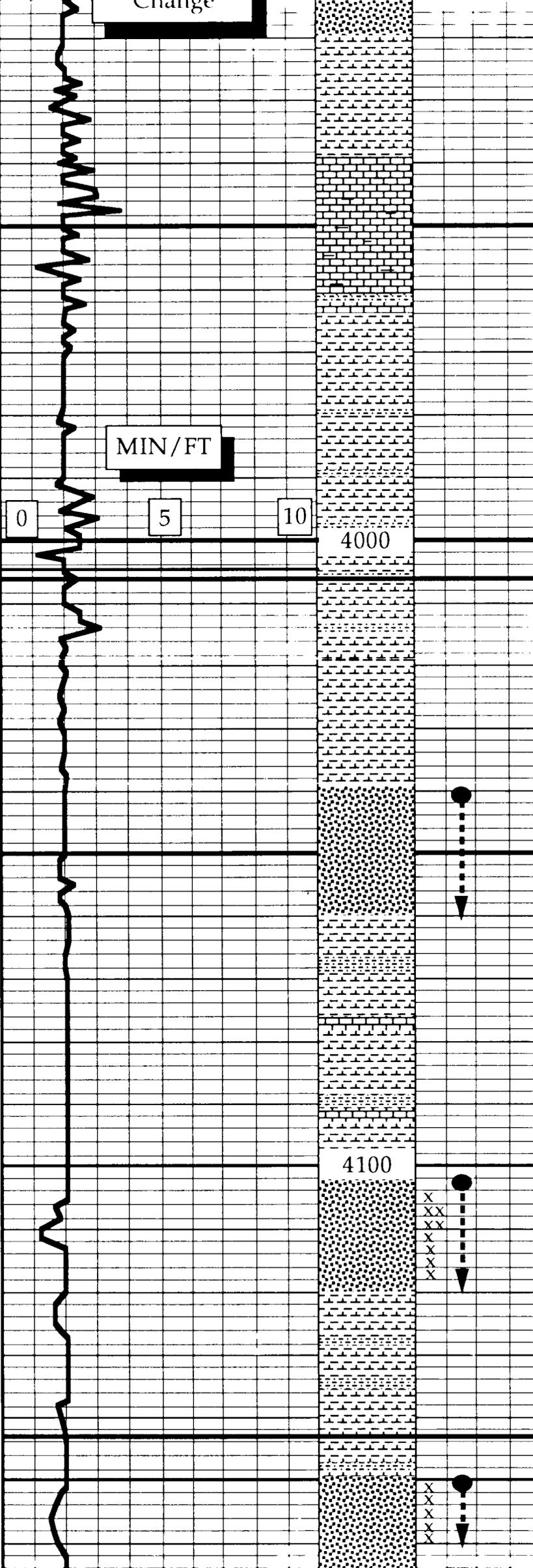
Sltst - lt gy, sdy, shly, calc;
Sh - lt gy, lmpy, grty-shly, calc;
Ls - tn, brn, mic

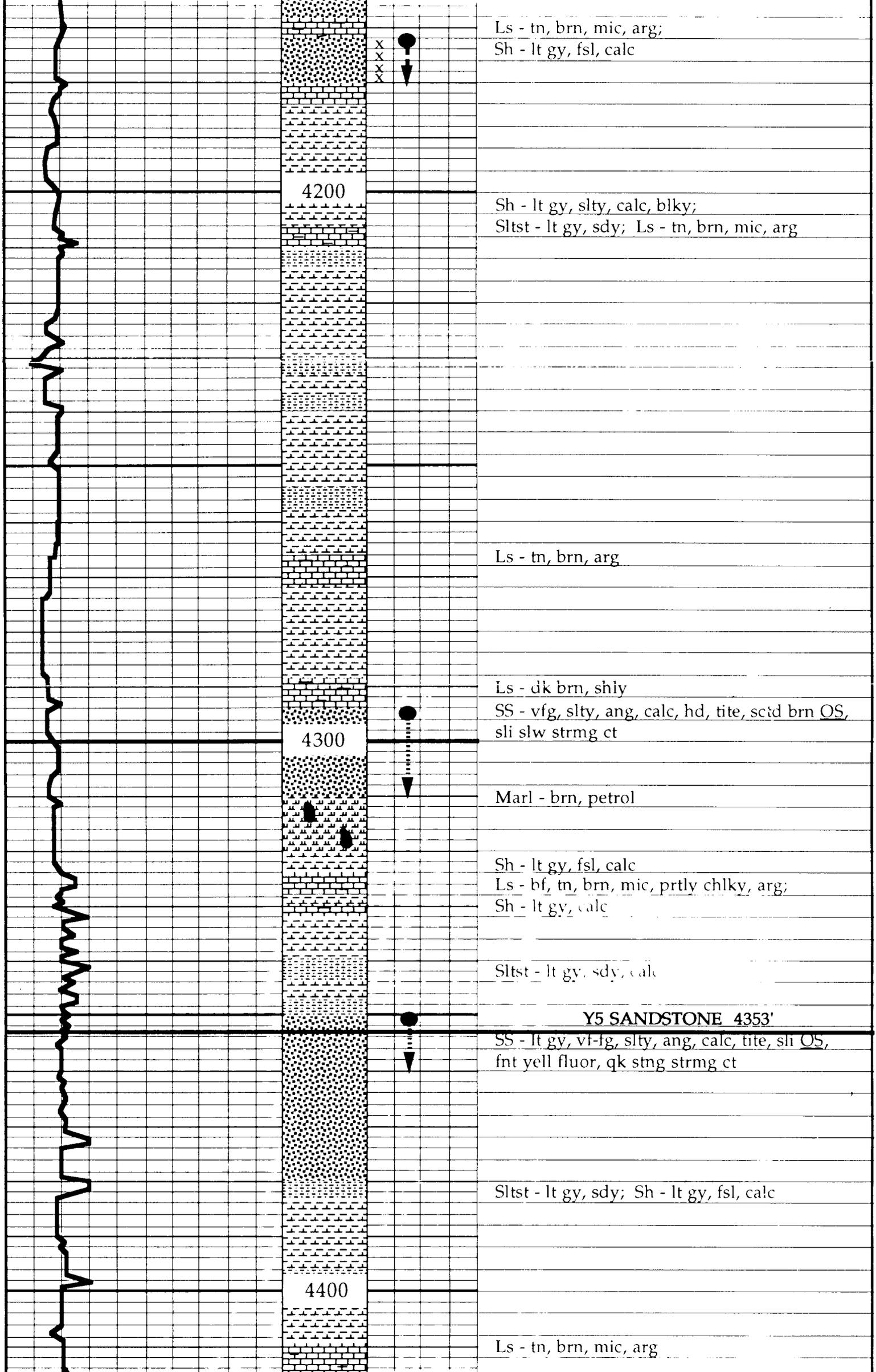
4100

SS - lt brn, vf-fg, slty, ang, calc, pr por,
lt brn OS, fnt yell fluor, qk stng strmg ct

Y3 SANDSTONE 4143'

SS - lt gy, vf-fg, slty, ang, calc, tite, sli OS,
fnt yell fluor, qk stng strmg ct





Ls - tn, brn, mic, arg;
 Sh - lt gy, fsl, calc

4200

Sh - lt gy, slty, calc, blk; y;
 Sltst - lt gy, sdy; Ls - tn, brn, mic, arg

Ls - tn, brn, arg

4300

Ls - dk brn, shly
 SS - vfg, slty, ang, calc, hd, tite, sc'd brn OS,
 sli slw strmg ct

Marl - brn, petrol

Sh - lt gy, fsl, calc
 Ls - bf, tn, brn, mic, prtly chlky, arg;
 Sh - lt gy, calc

Sltst - lt gy, sdy, calc

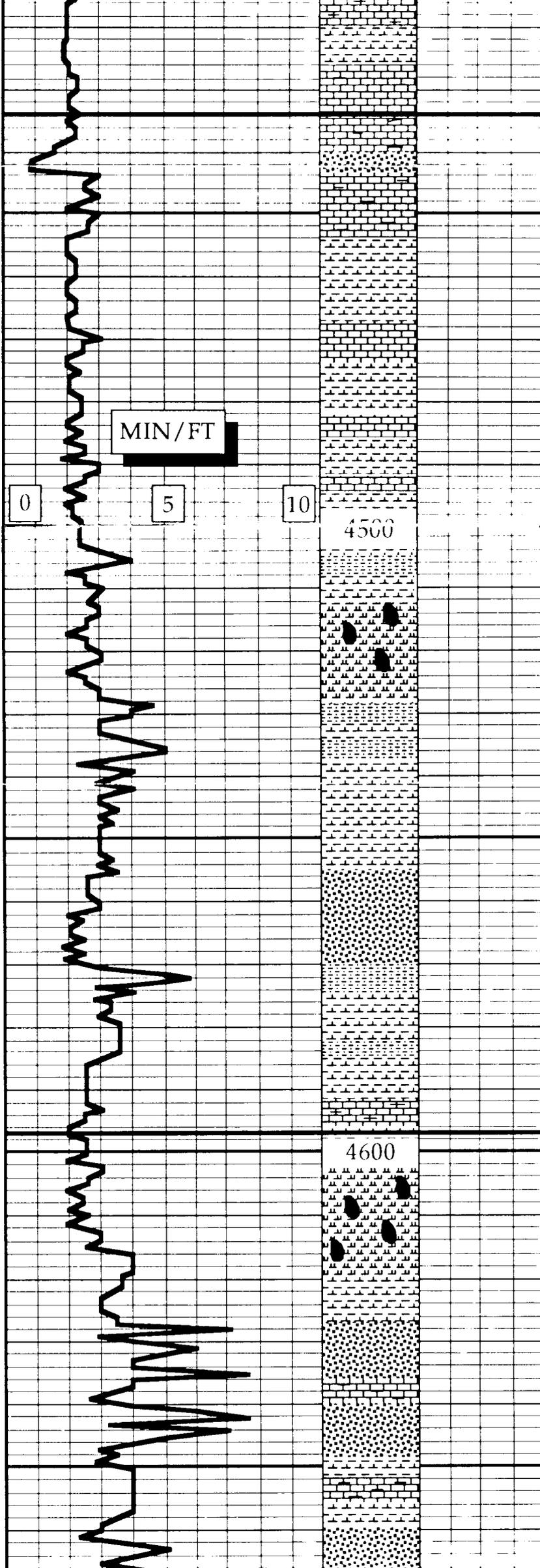
Y5 SANDSTONE 4353'

SS - lt gy, vf-fg, slty, ang, calc, tite, sli OS,
 fnt yell fluor, qk stng strmg ct

4400

Sltst - lt gy, sdy; Sh - lt gy, fsl, calc

Ls - tn, brn, mic, arg



YELLOW MARKER 4434'

SS - lt gy, vfg, slty, ang, calc, hd, tite

Sh - lt gy, fsl, calc

MIN/FT

0

5

10

4500

Sltst - lt gy, sdy, calc; Sh - lt gy, calc, fsl;
Marl - brn, tn, blk, petrol

Sh - lt gy, fsl, calc, hd

SS - lt gy, vf-fg, slty, sm lse gns, calc,
ang-sb md, tite

Sltst - lt gy, sdy, calc; Sh - lt-md gy, fsl, calc

Ls - tn, brn, mic, arg

4600

DOUGLAS CREEK 4597'

Marl - tn, brn, petrol

Sh - lt-md gy, fsl-blky, grty, calc

SS - wh, lt gy, vfg, ang, calc, hd, tite

Ls - tn, brn, mic, arg

R2 SANDSTONE 4679'

4700

Sltst - lt gy, calc, hd

Sh - lt gy, fsl, calc

SS - wh, vfg, slty, ang, cly fld, calc, tite;

Marl - tn, brn, petrol

Clystn - lt gy, lmpy, grty

R5 SANDSTONE 4781'

Bit No. 3
ATJ35C

4800

SS - wh, lt gy, vf-fg, slty, ang, cly fld, calc,
lcl pr por, fnt brn OS, sli yell fluor,
sli strng ct

Sh - lt-md gy, blk-fsl, calc, frm

Marl - tn, brn, petrol

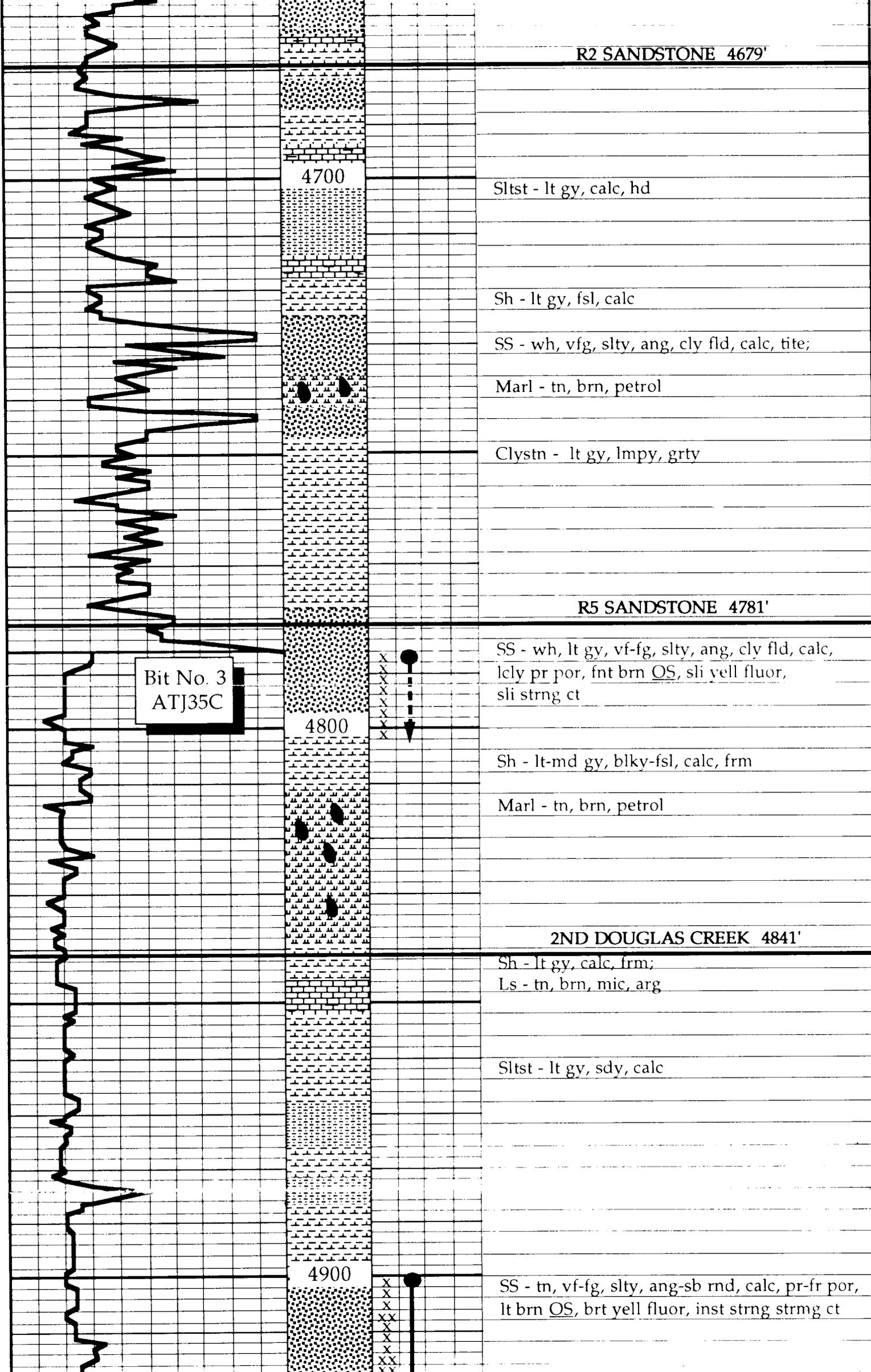
2ND DOUGLAS CREEK 4841'

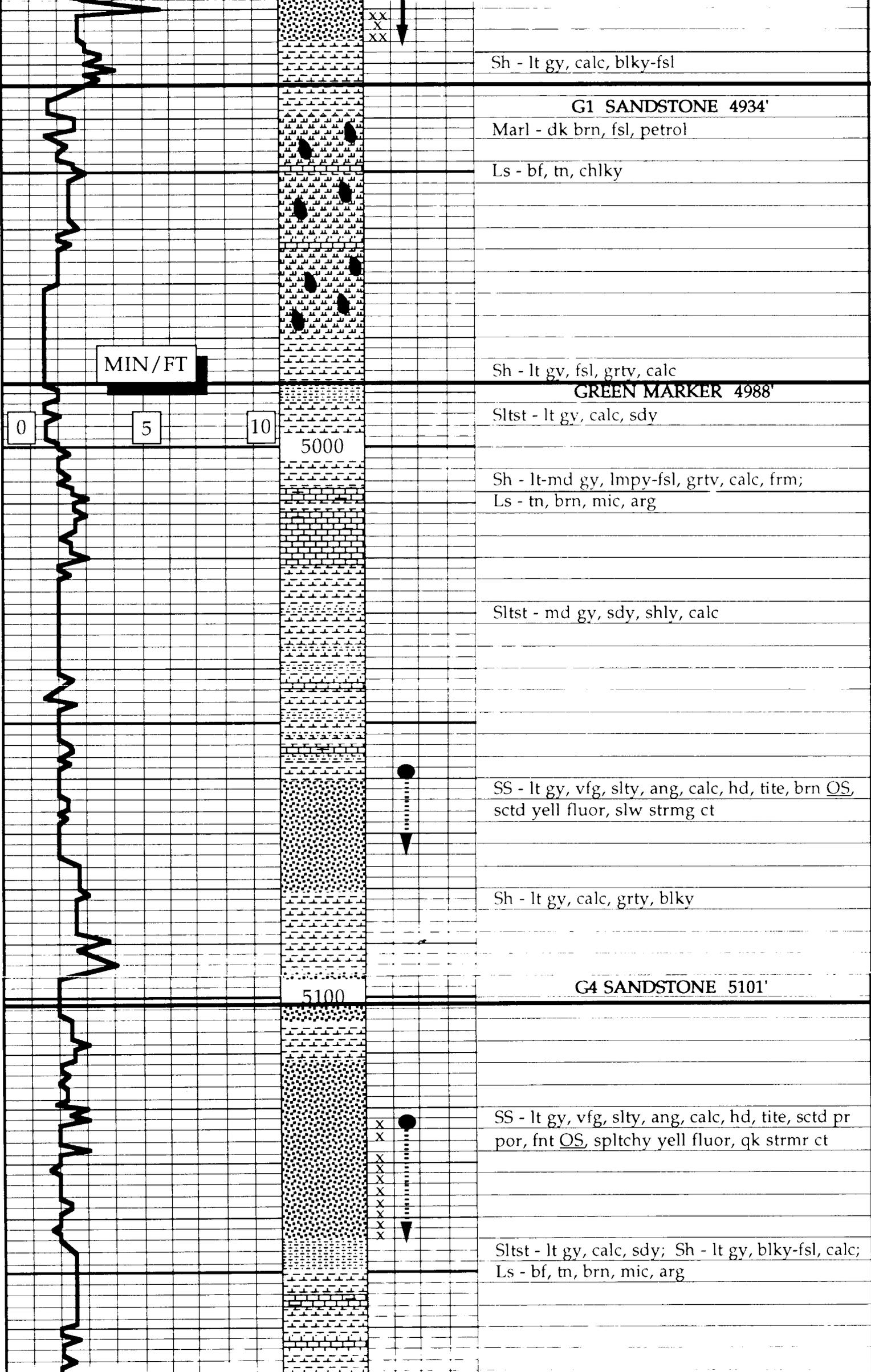
Sh - lt gy, calc, frm;
Ls - tn, brn, mic, arg

Sltst - lt gy, sdy, calc

4900

SS - tn, vf-fg, slty, ang-sb rnd, calc, pr-fr por,
lt brn OS, brt yell fluor, inst strng strng ct





MIN/FT
 0 5 10
 5000

Sh - lt gy, calc, blk-y-fsl

G1 SANDSTONE 4934'

Marl - dk brn, fsl, petrol

Ls - bf, tn, chlky

Sh - lt gy, fsl, grty, calc

GREEN MARKER 4988'

Sltst - lt gy, calc, sdy

Sh - lt-md gy, lmpy-fsl, grtv, calc, frm;
 Ls - tn, brn, mic, arg

Sltst - md gy, sdy, shly, calc

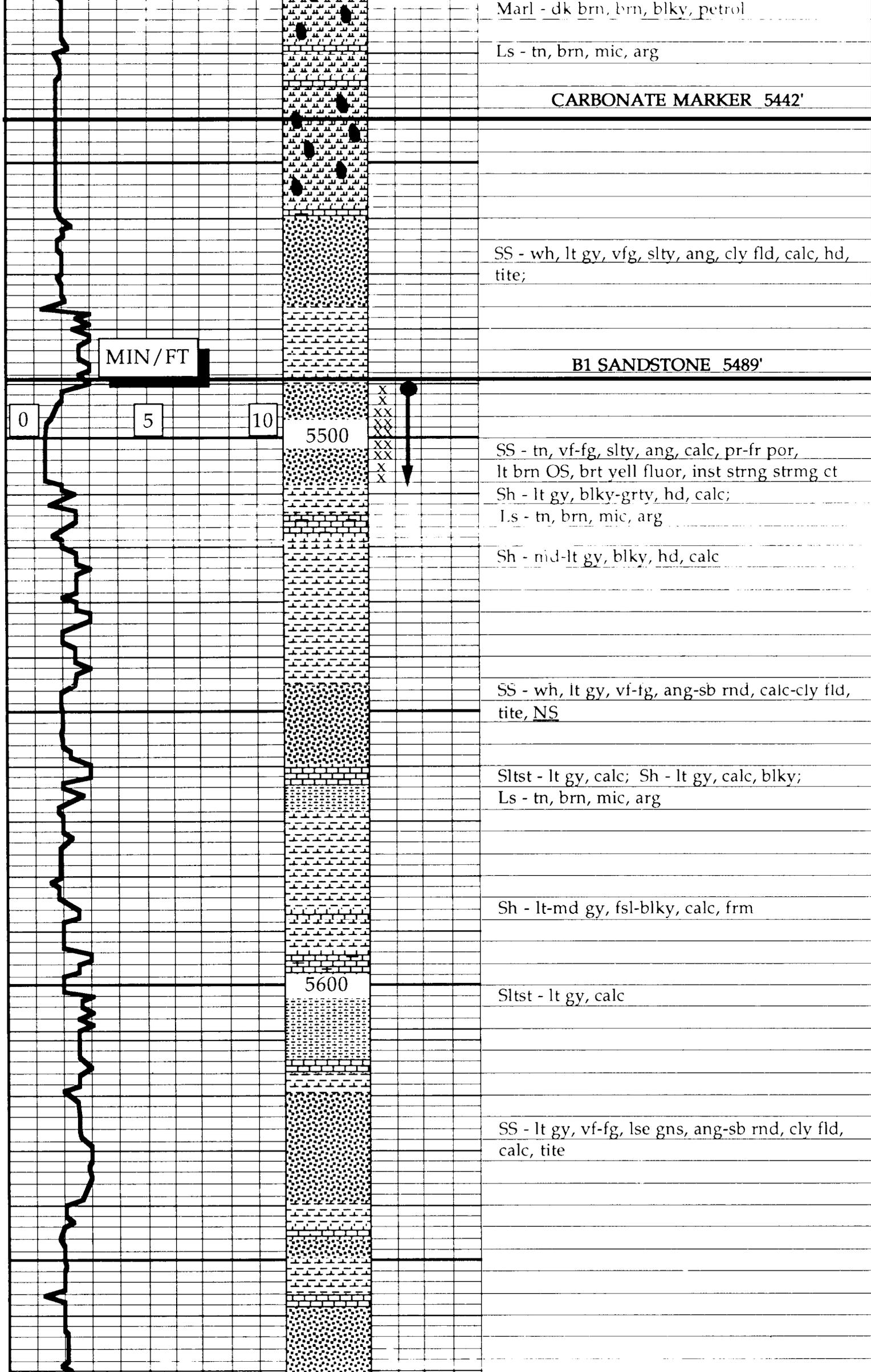
SS - lt gy, vfg, slty, ang, calc, hd, tite, brn OS,
 sctd yell fluor, slw strmg ct

Sh - lt gy, calc, grty, blk-y

G4 SANDSTONE 5101'

SS - lt gy, vfg, slty, ang, calc, hd, tite, sctd pr
 por, fnt OS, spltych yell fluor, qk strmr ct

Sltst - lt gy, calc, sdy; Sh - lt gy, blk-y-fsl, calc;
 Ls - bf, tn, brn, mic, arg



Marl - dk brn, brn, blk, petrol

Ls - tn, brn, mic, arg

CARBONATE MARKER 5442'

SS - wh, lt gy, vfg, slty, ang, cly fld, calc, hd, tite;

B1 SANDSTONE 5489'

0 5 10

MIN/FT

5500

X
X
XX
XX
XX
XX
X
X

SS - tn, vf-fg, slty, ang, calc, pr-fr por, lt brn OS, brt yell fluor, inst strng strng ct
Sh - lt gy, blk-grty, hd, calc;
Ls - tn, brn, mic, arg

Sh - mid-lt gy, blk, hd, calc

SS - wh, lt gy, vf-fg, ang-sb rnd, calc-cly fld, tite, NS

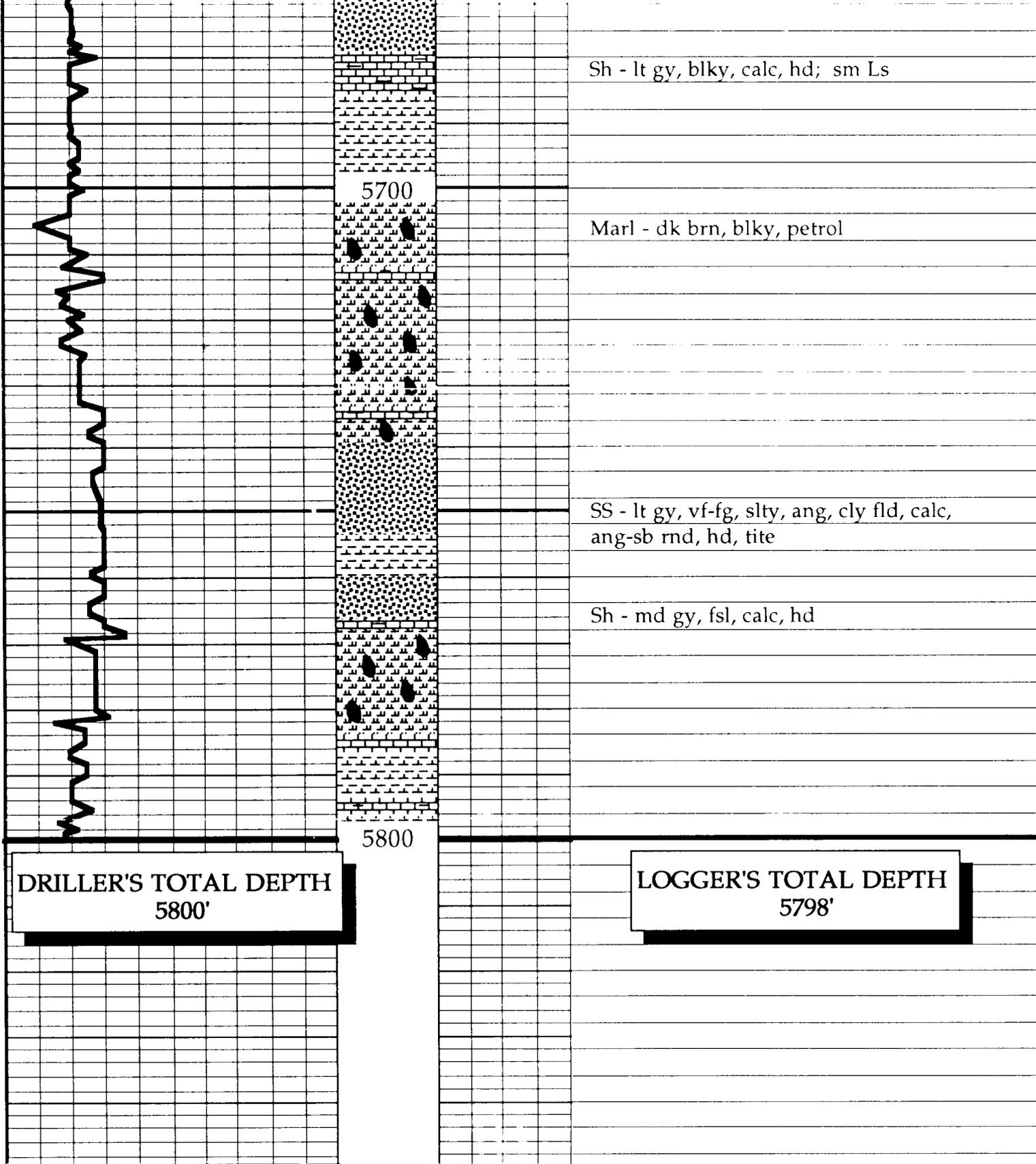
Sltst - lt gy, calc; Sh - lt gy, calc, blk;
Ls - tn, brn, mic, arg

Sh - lt-md gy, fsl-blk, calc, frm

5600

Sltst - lt gy, calc

SS - lt gy, vf-fg, lse gns, ang-sb rnd, cly fld, calc, tite



Sh - lt gy, blk, calc, hd; sm Ls

5700

Marl - dk brn, blk, petrol

SS - lt gy, vf-fg, slty, ang, cly fld, calc, ang-sb rnd, hd, tite

Sh - md gy, fsl, calc, hd

5800

DRILLER'S TOTAL DEPTH
5800'

LOGGER'S TOTAL DEPTH
5798'

Discovery Energy Inc.



1440 GRAND AVENUE, 59102 (406) 256-2395
P.O. BOX 21194
BILLINGS, MONTANA 59104



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

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

MAY 16 1994

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

CONFIDENTIAL

May 13, 1994

---VIA FAX AND MAIL---

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

Gentlemen:

RE: Balcron Monument Federal #32-12J
SW NE Section 12, T9S, R16E
Duchesne County, Utah

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

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

Sincerely,

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

6 004

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, Balcron Oil Division

3. Address and Telephone No.

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

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

SW NE Section 12, T9S, R16E
1804.8' FNL, 2138.6' FEL

5. Lease Designation and Serial No.

U-035521

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 #32-12J

9. API Well No.

43-013-31419

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>Notice 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 4-28-94 at 11:30 a.m.

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 5/13/94

(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

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-035521
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017, Billings, MT 59104 (259-7860)	7. If Unit or CA, Agreement Designation Jonah Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW NE Section 12, T9S, R16E 1804.8' ENL, 2138.6' FEL	8. Well Name and No. Balcron Monument Federal #32-12J
	9. API Well No. 43-013-31419
	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>Site Security Diagram</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.)*

Attached is the Site Security Diagram for this well.

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 5-20-94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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*See Instruction on Reverse Side

Equitable Resources Energy Company
Balcron Monument Federal 32-12J
Production Facility Diagram

Balcron Monument Federal 32-12J
 SW NE Sec. 12, T9S, R16E
 Duchesne County, Utah
 Federal Lease #U-035521
 1805' FNL, 2139' FEL

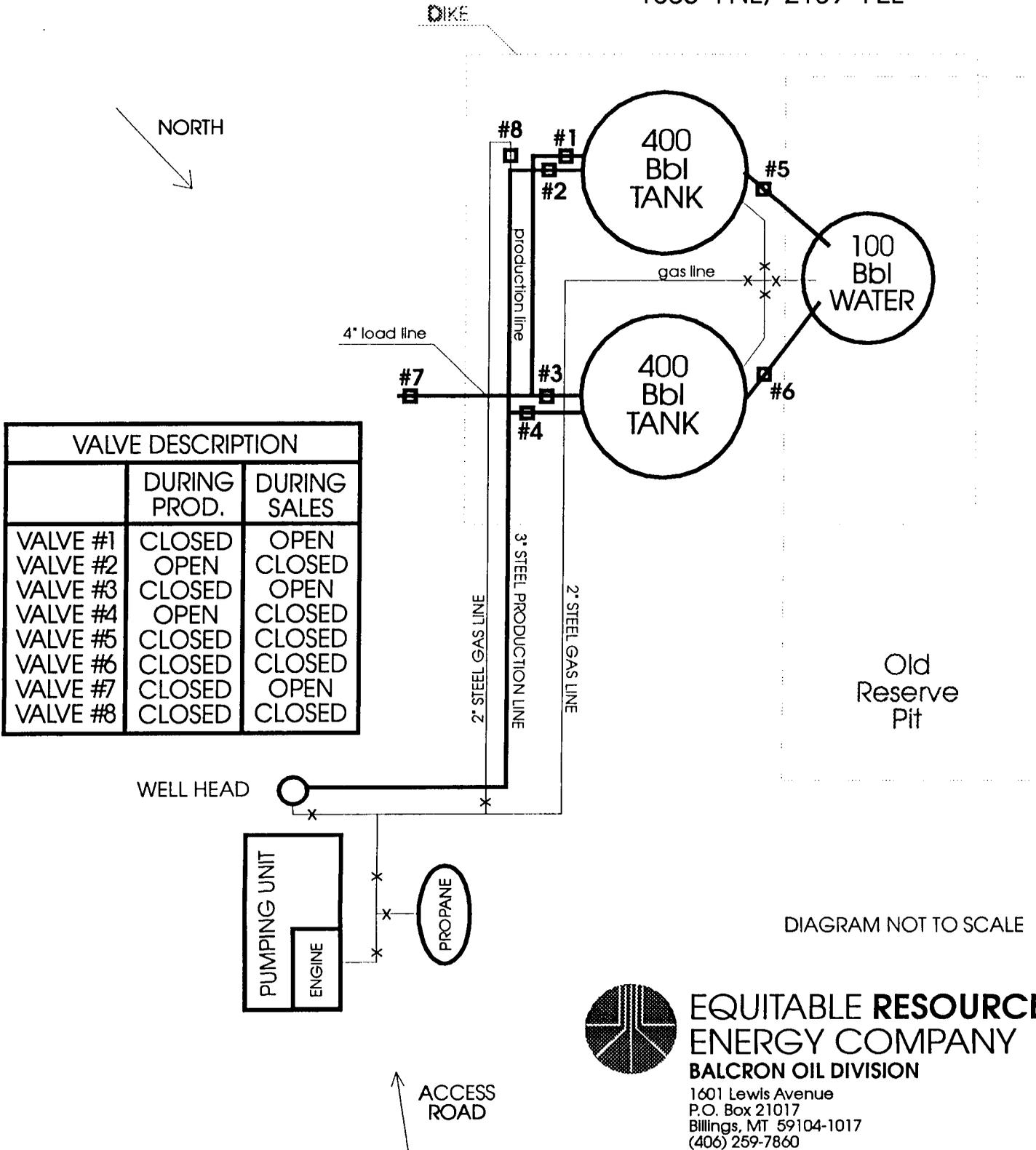


DIAGRAM NOT TO SCALE



EQUITABLE RESOURCES
ENERGY COMPANY
BALCRON OIL DIVISION
 1601 Lewis Avenue
 P.O. Box 21017
 Billings, MT 59104-1017
 (406) 259-7860

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-035521
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017, Billings, MT 59104 (406) 259-7860	7. If Unit or CA, Agreement Designation Jonah Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW NE Section 12, T9S, R16E 1804.8' ENL, 2138.6' FEL	8. Well Name and No. Balcron Monument Federal #32-12J
	9. API Well No. 43-013-31419
	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 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.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct
 Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 5-20-94

(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.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUBMIT IN DATE (other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [] DRY [] Other []
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR. [] Other []

CONFIDENTIAL

2. NAME OF OPERATOR: Equitable Resources Energy Company, Balcron 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 State requirements): At surface 1804.8' FNL, 2138.6' FEL

5. LEASE DESIGNATION AND SERIAL NO.: U-035521
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.: #32-12J
10. FIELD AND POOL, OR WILDCAT: Monument Butte/Green River
11. SEC. T., R., N., OR BLOCK AND SURVEY OR AREA: SW NE Section 12, T9S, R16E

14. PERMIT NO.: 43-013-31419 DATE ISSUED: 11-22-93
12. COUNTY OR PARISH: Duchesne 13. STATE: Utah

15. DATE SPUDDED: 2-28-94 16. DATE T.D. REACHED: 4-9-94 17. DATE COMPL. (Ready to prod.): 4-28-94
18. ELEVATIONS (DF, RKB, RT, OR, ETC.): 5413' GL, 5423' KB 19. ELEV. CASINGHEAD: r/a

20. TOTAL DEPTH, MD & TVD: 5800' 21. PLUG, BACK T.D., MD & TVD: 5751.65'KB
22. IF MULTIPLE COMPL., HOW MANY?: n/a 23. INTERVALS DRILLED BY: Sfc - TD CABLE TOOLS: n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): 4790' - 4938' Green River
25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DIL - MSFL - LDT - CNL - GR CBL, MUD LOG 4-12-94
27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)
Table with columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED

29. LINER RECORD
Table with columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT, SCREEN (MD)
30. TUBING RECORD
Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
4934' - 4938' (7 Holes)
4790' - 4798' (8 Holes)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
Table with columns: DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION
Table with columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKER SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO

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
SIGNED: Bobbie Schuman TITLE: Environmental Specialist DATE: 5-20-94

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

7. 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
			No DST's run.	Geological Report submitted separately.		

DT5

(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN **DUPLICATE**
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.
U-035521
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a
7. UNIT AGREEMENT NAME
Jonah Unit
8. FARM OR LEASE NAME
Balcon Monument Federal
9. WELL NO.
#32-12J
10. FIELD AND POOL, OR WILDCAT
Monument Butte/Green River
11. SEC., T., R., S., OR BLOCK AND SURVEY OR AREA
SW NE Section 12, T9S, R16E

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other
b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. REVR. Other

CONFIDENTIAL

2. NAME OF OPERATOR
Equitable Resources Energy Company, Balcon Oil Division

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

RECEIVED
MAY 23 1994

4. LOCATION OF WELL (Report location clearly and in accordance with State Requirements)*
At surface 1804.8' FNL, 2138.6' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-31419
DATE ISSUED 11-22-93

12. COUNTY OR PARISH
Duchesne
13. STATE
Utah

15. DATE SPUNDED 2-28-94
16. DATE T.D. REACHED 4-9-94
17. DATE COMPL. (Ready to prod.) 4-28-94
18. ELEVATIONS (OF, RKB, RT, OR, ETC.)* 5413' GL, 5423' KB
19. ELEV. CASINGHEAD r/a

20. TOTAL DEPTH, MD & TVD 5800'
21. PLUG. BACK T.D., MD & TVD 5751.65'KB
22. IF MULTIPLE COMPL., HOW MANY? n/a
23. INTERVALS DRILLED BY
ROTARY TOOLS Sfc - ID
CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4790' - 4938' Green River
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL - MSFL - LDT - CNL - GR
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#	263'KB	12-1/4"	150 sxs Class "G" + additives	n/a
5-1/2"	15.5#	5796.96'KB	7-7/8"	238 sxs Thrifty-Lite and 250 sxs 50-50 POZ	n/a

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
n/a				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5018.94'KB	n/a

31. PERFORATION RECORD (Interval, size and number)

4934' - 4938' (7 Holes)
4790' - 4798' (8 Holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4790' - 4938'	1000 gallons 15% HCL acid. 37,340# 16/30 mesh sand w/18,388 gallons 2% gelled KCL wtr.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
4-28-94	1-1/2" Insert Pump	Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-7-94	24	n/a	→	22.5	25	7.2	1.1 MCF/STB

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a	→	22.5	25	7.2	34 degrees

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
SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE 5-20-94

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

Title 16 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 his jurisdiction.

7. 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
			No DST's run.	Geological Report submitted separately.		

UTAH DIVISION OF OIL, GAS AND MINING
EQUIPMENT INVENTORY

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

Well Name: BALCRON MON FED #32-12J API Number: 43-⁰¹³~~037~~-31419

Section: 12 Township: 09S Range: 16E County: DUCHESNE Field: MONUMENT BUTTE

Well Status: POW Well Type: Oil: Y Gas:

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY:

Y Wellhead N Boiler(s) N Compressor N Separator(s)
 N Dehydrator(s) N Shed(s) N Line Heater(s) N Heated
Separator
 N VRU N Heater Treater(s)

PUMPS:

 Triplex Chemical (1) Centrifugal

LIFT METHOD:

Y Pumpjack Hydraulic Submersible Flowing

GAS EQUIPMENT:

 Gas Meters Purchase Meter Sales Meter

TANKS: NUMBER

SIZE

<u>Y</u>	Oil Storage Tank(s)	<u>2-400 OIL W/BURNERS</u>	<u> </u> BBLs
<u>Y</u>	Water Tank(s)	<u>1-130 OPEN TOP SUBSURFACE PITTANK</u>	<u> </u>
<u>N</u>	Power Water Tank	<u> </u>	<u> </u> BBLs
<u>N</u>	Condensate Tank(s)	<u> </u>	<u> </u> BBLs
<u>(1)</u>	Propane Tank	<u> </u>	<u> </u>

REMARKS: METERED OFF LOCATION (UNITIZED JONAH). GLYCOL TRACE PUMP. UNIT RUNS OFF CASING HEAD GAS W/PROPANE BACKUP. SALES LINE IS PLASTIC.

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

Inspector: DENNIS INGRAM Date: 6/28/94

UTAH DIVISION OF OIL, GAS AND MINING
EQUIPMENT INVENTORY

32-12J
U-035521

EQUITABLE RESOURCES ENERGY
BALCON MON FED #32-12J
SEC 12; T9S; R16E 43-013-31429

NORTH

Dirt
Pile

Propane Tank

Pump
Jack

Scrubber

WELL HEAD

PLASTIC GAS
SALES LINE

2-400 OIL #1 BURNERS

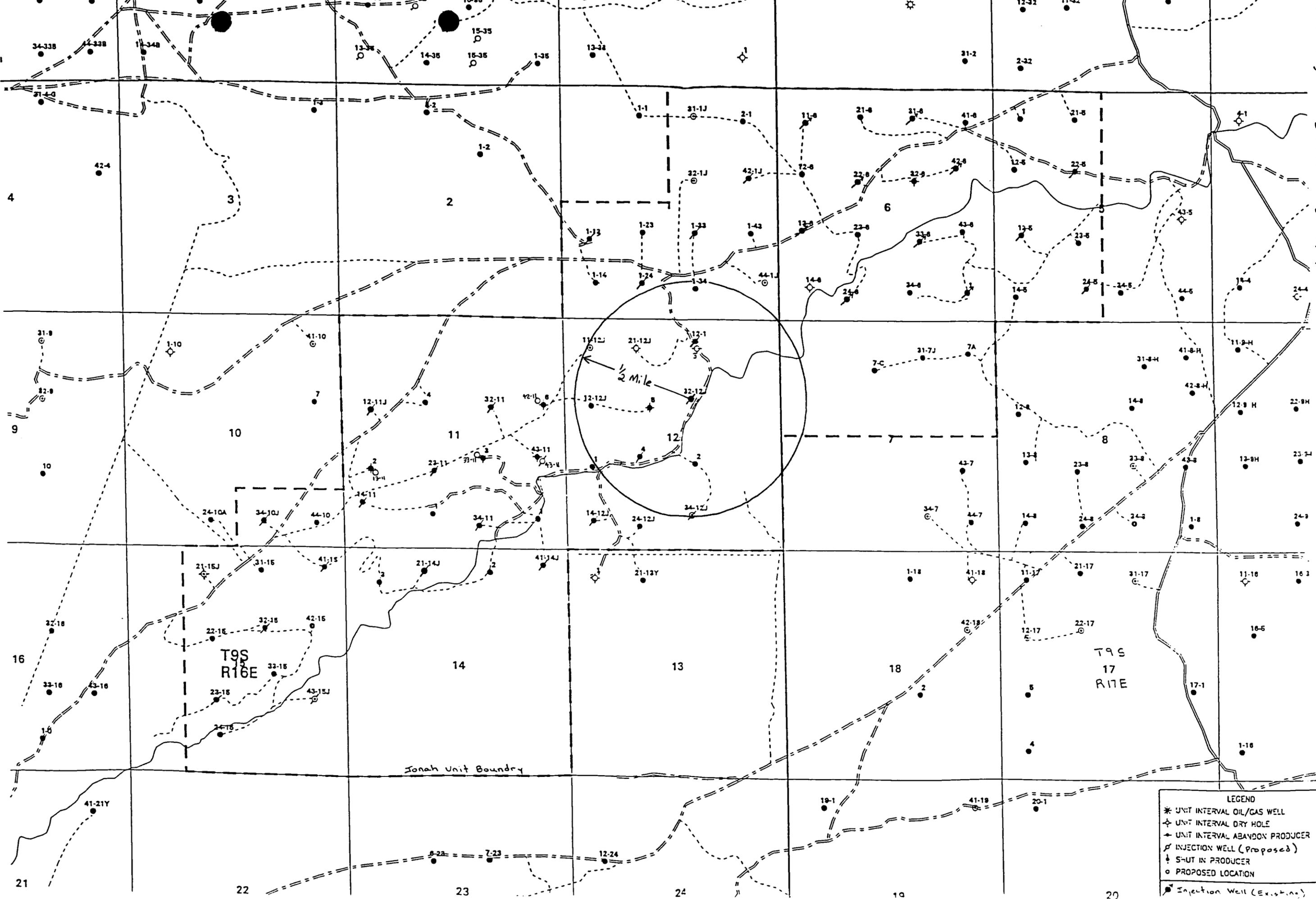
BURNER
AREA

1-130 BARREL SUBSURFACE
PIT TANK.

6/28/94

Lennox J. Jr.

12 SHEETS 5 SQUARE
46 SHEETS 3 SQUARE
42 SHEETS 200 SHEETS 5 SQUARE
NATIONAL



Equitable Resources Energy Company
Balcon Oil Division
Jonah Unit
Project Area

Figure-1j
1/2-Mile Radius Review Area - BMF *3a-1aJ

3-17-94
12

LEGEND	
* (with dot)	UNIT INTERVAL OIL/GAS WELL
◇ (with dot)	UNIT INTERVAL DRY HOLE
⊖ (with dot)	UNIT INTERVAL ABANDON PRODUCER
⊕ (with dot)	INJECTION WELL (Proposed)
⊖ (with dot)	SHUT-IN PRODUCER
○ (with dot)	PROPOSED LOCATION
● (with dot)	Injection Well (Existing)

TIME

APPLICATION FOR INJECTION WELL - UIC FORM 1

AUG - 3 1994

12

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

DIVISION OF OIL, GAS & MINING

Well name and number: Balcron Monument Federal #32-12J
Field or Unit name: Monument Butte Field/Jonah Unit Lease no. U-035521
Well location: QQ SW NE section 12 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- 31419

Proposed injection interval: from 4,790' to 4,938'
Proposed maximum injection: rate 600 BWPD pressure 2000 psig
Proposed injection zone contains oil, gas, and/or fresh water within 1/2 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 Robbie Schuman Signature Robbie 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: Equitable Well: 32-12 J.

Location: Sec. 12 Twn: 9S Rng: 16 E QtQt: SWNE

County: Duch. Field: M.B. Unit: Smack

API No.: 43-013-31419

Date Received: 8/3/94

Cause Number: _____

Notice Date: _____

Conversion Approval: _____

Permit Issued: _____

Commencement: _____

Drilled: Y

Code: E

Hearing Date: _____

Wells In AOR: _____

143 SOUTH MAIN ST
 P.O. BOX 45838
 SALT LAKE CITY, UTAH 84145
 FED. TAX ID. # 87-0217663

Newspaper Agency Corporation
The Salt Lake Tribune **DESERET NEWS**

GLS FVF
 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 IN SALT LAKE COUNTY, 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

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, 14-11J, 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, LOCATED IN SECTIONS 1, 10, 11, 12, 14, & 15, TOWNSHIP 9 SOUTH, RANGE 16 EAST, 61M, DUCHESNE COUNTY, UTAH, TO CLASS II INJECTION WELLS.

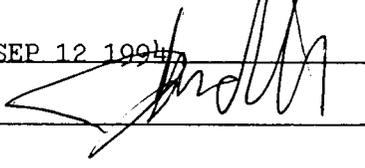
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER:

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, 14-11J, 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, 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 4590-5614 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. Frith, Associate Director, Oil and Gas

SEP 12 1994

 94

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
COLUMN 1	1.64	160.72
ON RECEIPT OF THIS INVOICE		TOTAL AMOUNT DUE
		160.72

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MAKE CHECKS PAYABLE TO:
 NEWSPAPER AGENCY CORPORATION
 DIV OF OIL, GAS & MINING
 355 WEST NORTH TEMPLE
 3 TRIAD CENTER #350
 SLC, UT 84180

COPY

PLEASE REMOVE THIS STUB



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



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



BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF EQUITABLE RESOURCES ENERGY	:	
COMPANY FOR ADMINISTRATIVE	:	CAUSE NO. UIC-152
APPROVAL TO CONVERT THE 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,	:	
LOCATED IN SECTIONS 1, 10, 11, 12, 14, & 15,	:	
TOWNSHIP 9 SOUTH, RANGE 16 EAST, S.L.M.,	:	
DUCHESNE COUNTY, UTAH, TO CLASS II	:	
INJECTION WELLS	:	

---ooOoo---

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, 14-11J, 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, 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 4590 - 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



R.J. Firth
Associate Director, Oil and Gas

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

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

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)
See attached listing

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 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.)*

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 STBWPD per foot of pay (average 180-200 STBWPD). 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 _____ Title _____ Date _____
 Conditions of approval, if any:

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

159

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

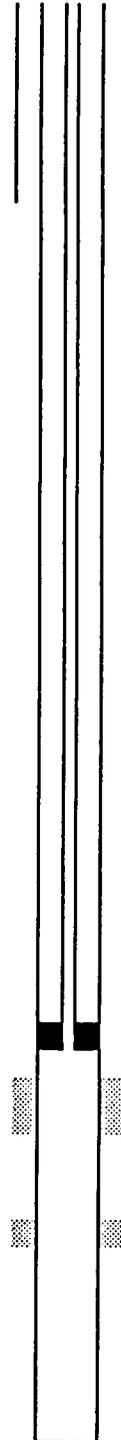
TUBING

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

PERFORATION RECORD

4790'-4798' (8 holes)	RED5
4934'-4938' (7 holes)	GREEN1

— Douglas Creek Member @ 4100' to 5350' —

PBTD @ 5751.65' KB
 TD @ 5,800' 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

SEP 13 1994

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

BALCRON MONUMENT Federal 32-12J
Sec 12 T9S R16E
43.013-31419

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

**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)

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

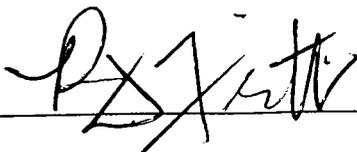
Location: Sections 1, 10, 11, 12, 14 and 15, Township 9 S,
Range 16 E,
Duchesne County

Well Type: Enhanced Recovery (waterflood)

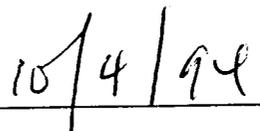
Stipulations of Permit Approval

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



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
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>10/15/94</u>	Well Owner/Operator: <u>Bakron</u>	
Disposal Well: _____	Enhanced Recovery Well: <u>X</u>	Other: _____
API No.: <u>43-03-31419</u>	Well Name/Number: <u>3P-12J</u>	
Section: <u>12</u>	Township: <u>9S</u>	Range: <u>16E</u>

Initial Conditions:

Tubing - Rate: SI Pressure: 925 psi
Casing/Tubing Annulus - Pressure: 1175 psi

Conditions During Test:

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	925 <u>1175</u>	<u>925</u>
5	<u>1175</u>	<u>"</u>
10	<u>"</u>	<u>"</u>
15	<u>"</u>	<u>"</u>
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 925 psi
Casing/Tubing Annulus Pressure: _____ psi

REMARKS:

Well Passed MIT.

Operator Representative

[Signature]
DOG M 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-035521

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.

Balcron Monument Federal #32-123

9. API Well No.

43-013-31419

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 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 NE Section 12, T9S, R16E
1805' FNL, 2139' FEL

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 _____
Conditions of approval, if any:

Title _____

Date _____

Balcron Monument Federal #32-12J
SW NE Section 12, T9S, R16E
Lease No. U-035521
Duchesne County, Utah
Jonah Unit/Monument Butte Field

Well History Report

Date Work History

Conversion of well to water injection

- 10-7-94 - MIRU Basin Well Service, TOOH w/rods,pump, & tbg.
- RIH w/bit & scrapper to TD.
- RIH w/ 2 7/8" injection tbg & Arrow Set-1 packer.
- 10-8-94 - Pump 55 gals Champion Cortron #23-83 corrosion inhibitor mixed w/ 60 STBW down csg.
- Set packer @ 4715' KB, NU wellhead, pressure test csg annulus to 1000 psig.
no loss, RDMO.
- 10-18-94 Perform MIT, pressure csg annulus to 1175 psig for 15 min., no loss, tbg @
975 psig, Utah OG&M witness Dan Jarvis.
- 10-28-94 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., 1.2 STBPM @ 1400 psig, start water
injection @ 100 STBPD.

Balcron Monument Federal #32-12J
 SW NE Section 12, T9S, R16E
 1805' FNL & 2139' FEL
 Lease No. U-035521
 Jonah Unit/Monument Butte Field
 Duchesne County, Utah

BALCRON OIL
 1-11-94

Injection Well Completion Diagram

Elev. @ GL = 5417', KB = 5427' (10' KB)

UTAH CAUSE NO.: UIC-152

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/INJECTION STRING

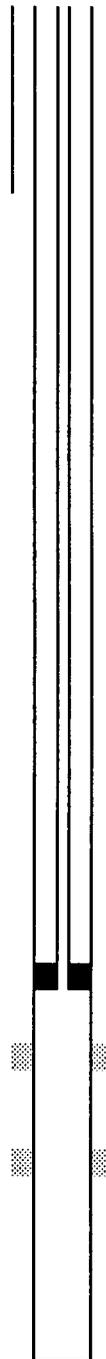
Injection Equipment & Size	Length FT.	Setting Depth FT. (w/10' KB)
KB	10.00	
1) 149 jnts 2 7/8" tbg	4697.63	4707.63
2) 2 7/8" SN (2.25" ID)	1.10	4708.73
3) 2 7/8" x 2 3/8" X-Over	0.60	4709.33
4) 5.5" Arrow Set-1 Pkr	6.20	4715.53
End of Tubing		4715.53

Injection Packers Set 10-8-94 By Mtn States.
 Arrow Set-1 Pkr 5 1/2" x 2 3/8"
 2 7/8" SN ID @ 2.25".
 Arrow Set-1 Pkr set w/ 13.5" Tension.
 Packer fluid - 55 gals Champion Cortron #23-83
 w/ 60 STBW.

Injection Horizons

4790'- 4798'	RED5
4934'- 4938'	GREEN1

Tracer Survey ran 12-30-94.



← 263' KB

← Top of Cement @ 933' from CBL

- Uintah Formation @ Surface to 1400'

- Green River Formation @ 1400' to 4100'

← Arrow Set-1 Packer @ 4715' KB

PERFORATION RECORD

4790'- 4798' (8 holes)	RED5
4934'- 4938' (7 holes)	GREEN1

- Douglas Creek Member @ 4100' to 5350'

PBTD @ 5751.65' KB
 TD @ 5,800' KB

- Wasatch Formation Transition @ 5350' to 6000'
 - Wasatch Formation @ 6000'

BALCRON OIL

WELL REPORT

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
 1805' FNL & 2139' FEL
 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
 LAST PRODUCTION: 7 STBOPD, 30 MCFPD, 0 STBWPD
 PRESENT PROD STATUS: Water Injection Well
 Started Water injection 10-27-94.
 CONVERSION TO INJ.: 10-8-94
 INJECTION RATE: 100 STBWPD
 ELEVATIONS - GROUND: 5417'
 TOTAL DEPTH: 5800' KB

DATE: 1-11-94 JZ
 API NO.: 43-013-31419
 UTAH CAUSE NO.: UIC-152
 NET REVENUE INT.: Oil - 0.73831617
 Gas - 0.66359285
 SPUD DATE: 2-28-94
 OIL GRAVITY: 34 API
 BHT: 149 Deg F
 LAST MIT DATE: 10-18-94
 1175 psig for 15 min., no loss.
 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/INJECTION STRING

Injection Equipment & Size	Length FT.	Setting Depth FT.(w/10' KB)
KB	10.00	
1) 149 jnts 2 7/8" tbg	4697.63	4707.63
2) 2 7/8" SN (2.25" ID)	1.10	4708.73
3) 2 7/8"x 2 3/8" X-Over	0.60	4709.33
4) 5.5" Arrow Set-1 Pkr	6.20	4715.53
End of Tubing		4715.53

Injection Packers Set 10-8-94 By Mtn States.
 Arrow Set-1 Pkr 5 1/2"x 2 3/8"
 2 7/8" SN ID @ 2.25".
 Arrow Set-1 Pkr set w/ 13.5" Tension.
 Packer fluid - 55 gals Champion Cortron #23-83 w/60 STBW.

Injection Horizons

4790'- 4798' RED5
 4934'- 4938' GREEN1

LOGS: Compensated Neutron-Litho-Density;
 Variable Density; Gamma Ray & Collar Log,
 Mud Log.

PERFORATION RECORD

4790'-4798' KB (8 holes) RED 5
 4934'-4938' KB (7 holes) GREEN 1

BREAKDOWN/ACID 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.

FRAC JOB

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.

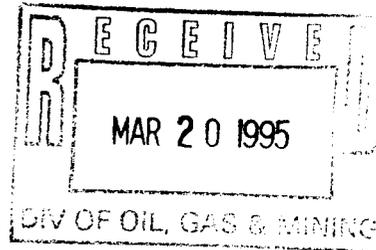


EQUITABLE RESOURCES
ENERGY COMPANY

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

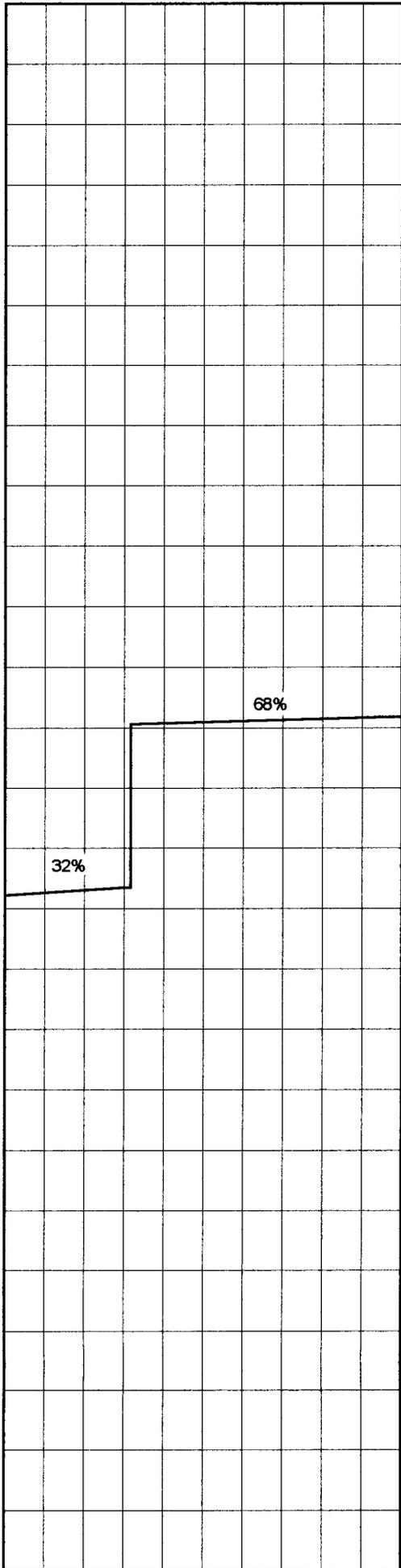
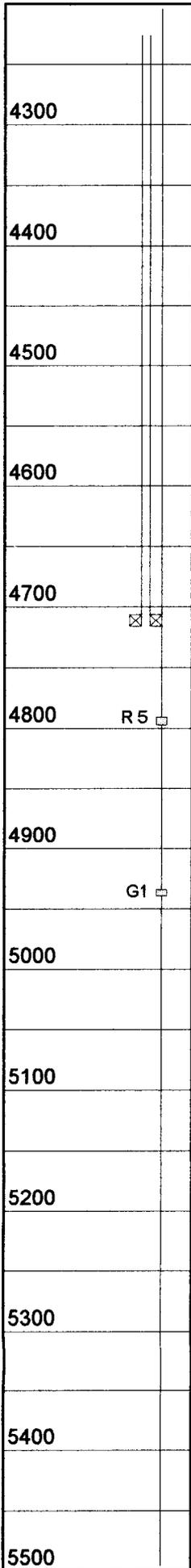
EQUITABLE RESOURCES ENERGY COMPANY-BALCRON OIL DIVISION

INJECTION PROFILE

**BALCRON MONUMENT
FEDERAL 32-12J**

Date: 12/30/94	Desired Rate: 100 B/D
Surface Temp: 46 F	Metered Rate: 100 B/D
BHT: 155 F	Measured Rate: 81 B/D
PBTD: 5751	Tbg Pressure: 1225 PSI
TD: 5732	Csg Pressure: 0 PSI

0 10 20 30 40 50 60 70 80 90 100



*98 16E 12
43-013-31419*

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

RECEIVED
APR 4 1996

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 Oil Monument Butte Jonah Unit Waterflood (new name)	
Formerly Monument Butte Area-A Waterflood Approved 12/22/92	
Area Permit No. UT2642-00000	
Allen Federal #22-6	UT2642-03729 (AREA PERMIT UT2642-00000)
Allen Federal #13-6	UT2642-03730 (AREA PERMIT UT2642-00000)
Allen Federal #31-6	UT2642-03731 (AREA PERMIT UT2642-00000) (State #UIC-142)
Allen Federal #1-6	UT2642-03732 (AREA PERMIT UT2642-00000)
Allen Federal #1A-5	UT2642-03733 (AREA PERMIT UT2642-00000)
	NOTE: Never converted to UIC - put back on production
Balcron Monument Fed. #11-6	UT2642-03734 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #24-6	UT2642-03735 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #33-6	UT2642-03736 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #42-6	UT2642-03737 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #13-5J	UT2642-04208 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #22-5J	UT2642-04209 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #24-5	UT2642-04210 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #31-7J	UT2642-04211 (AREA PERMIT UT2642-00000) (State #UIC-149)
Monument Butte #1-33	State #UIC-151
Monument Butte #1-24	State #UIC-151
Monument Butte #1-13	State #UIC-151
Balcron Monument Fed. #42-1J	State #UIC-151
Getty #12-1	State #UIC-151
Balcron Monument Fed. #41-15	State #UIC-152
Balcron Monument Fed. #32-15	State #UIC-152
Balcron Monument Fed. #23-15	State #UIC-152
Balcron Monument Fed. #41-14J	State #UIC-152
Balcron Monument Fed. #21-14J	State #UIC-152
Balcron Monument Fed. #32-12J	State #UIC-152
C & O Gov't #4	State #UIC-152
Balcron Monument Fed. #14-12J	State #UIC-152
Balcron Monument Fed. #12-12J	State #UIC-152
Balcron Monument Fed. #43-11J	State #UIC-152
Balcron Monument Fed. #32-11	State #UIC-152

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:
See attached listing

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Aliottee or Tribe Name:
n/a

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.

7. Unit Agreement Name:
See attached listing

1. Type of Well: OIL GAS 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
Bobbie Schuman

Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

UTAH

Balcron Monument Fed. #14-12J	Monument Butte	SW SW	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521-A	43-013-31411	660' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #14-15	Monument Butte	SW SW	15	9S	16E	Duchesne	UT	PND	Green River	U-017985	43-013-31381	772' FSL, 543' FWL	Vernal	
Balcron Monument Fed. #14-26	Monument Butte	SW SW	26	8S	16E	Duchesne	UT	PND	Green River	U-34346	43-013-31512	660' FSL, 660' FWL	Vernal	
Balcron Monument Fed. #14-3-9-17Y	Monument Butte	SW SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31535	671' FSL, 792' FWL	Vernal	
Balcron Monument Fed. #14-4	Monument Butte	SW SW	4	9S	16E	Duchesne	UT	PND	Green River	U-73086	43-013-31430	719' FSL, 607' FWL	Vernal	
Balcron Monument Fed. #14-5	Monument Butte	SW SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020250	43-013-31385	556' FSL, 517' FWL	Vernal	Jonah
Balcron Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31398	660' FSL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #21-10-9-17Y	Monument Butte	NE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31537	807' FNL, 2120' FWL	Vernal	
Balcron Monument Fed. #21-14J	Monument Butte	NE NW	14	9S	16E	Duchesne	UT	WIW	Green River	U-096547	43-013-31421	518' FNL, 1850' FWL	Vernal	Jonah
Balcron Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #21-25	Undesignated	NE NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32528	748' FNL, 1964' FWL	Vernal	
Balcron Monument Fed. #22-12J	Monument Butte	SE NW	12	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15796	2018' FNL, 2099' FWL	Vernal	Jonah
Balcron Monument Fed. #22-14J	Monument Butte	SE NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31489	2134' FNL, 2198' FWL	Vernal	Jonah
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #22-10-9-18Y	Monument Butte	SE NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32711	1980' FNL, 1980' FWL	Vernal	
Balcron Monument Fed. #22-22-8-17Y	Monument Butte	SE NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-67845	43-013-31538	1945' FNL, 2030' FWL	Vernal	
Balcron Monument Fed. #22-5	Monument Butte	SE NW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31384	1853' FNL, 1980' FWL	Vernal	Jonah
Balcron Monument Fed. #23-11	Monument Butte	NE SW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31369	1787' FSL, 2147' FWL	Vernal	Jonah
Balcron Monument Fed. #23-15	Monument Butte	NE SW	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31373	1724' FSL, 2078' FWL	Vernal	Jonah
Balcron Monument Fed. #23-24-8-17		NE SW	24	8S	17E	Uintah	UT	PND	Green River				Vernal	
Balcron Monument Fed. #23-25	Undesignated	NE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32529	1927' FSL, 2139' FWL	Vernal	
Balcron Monument Fed. #23-5	Monument Butte	NE SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-31383	1816' FSL, 2057' FWL	Vernal	Jonah
Balcron Monument Fed. #24-12J	Monument Butte	SE SW	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-31409	539' FSL, 1777' FWL	Vernal	Jonah
Balcron Monument Fed. #24-25	Undesignated	SE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32669	653' FSL, 2028' FWL	Vernal	
Balcron Monument Fed. #24-5	Monument Butte	SE SW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31375	765' FSL, 2243' FWL	Vernal	Jonah
Balcron Monument Fed. #24-6	Monument Butte	SE SW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31363	504' FSL, 1613' FWL	Vernal	Jonah
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #31-1J	Monument Butte	NW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31413	660' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #31-25	Undesignated	NW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32530	660' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #31-7J	Monument Butte	NW NE	7	9S	17E	Duchesne	UT	WIW	Green River	U-44426	43-013-31405	831' FNL, 1782' FEL	Vernal	Jonah
Balcron Monument Fed. #32-11	Monument Butte	SW NE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31386	2059' FNL, 1763' FEL	Vernal	Jonah
Balcron Monument Fed. #32-12J	Monument Butte	SW NE	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521	43-013-31419	1805' FNL, 2139' FEL	Vernal	Jonah
Balcron Monument Fed. #32-14J	Monument Butte	SW NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31490	1980' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #32-15	Monument Butte	SW NE	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31368	1868' FNL, 1993' FEL	Vernal	Jonah
Balcron Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31465	1880' FNL, 1980' FEL	Vernal	Beluga



EQUITABLE RESOURCES
ENERGY COMPANY

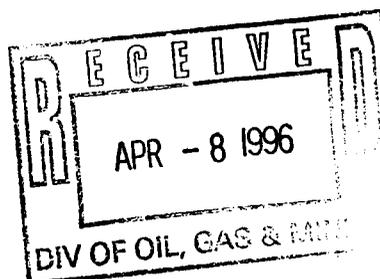
BALCRON OIL DIVISION

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

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LEP 7-SJ	✓
2	DES 58-FILE	✓
3	VLD (GTL) EA	✓
4	RJE	✓
5	IEC	✓
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>
	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>013-31419</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

- Yec 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.
- Yec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yec 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yec 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yec 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)*
- Yec 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

- See* 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)

- See* 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.
- 4/26/96*
- 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

9/6/04/10 BLM/BIA "Formal approval not necessary"

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

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.:

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- 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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- 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

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 1 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

(This space for State use only)

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

11438

11431

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 Executive Manager
Approval Date 1-20-98

CAUSE # 228-2

RECEIVED
OCT 20 1997
DIV. OF OIL, GAS & MINING



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,

A handwritten signature in cursive script that reads "Molly Conrad". The signature is written in black ink and is positioned above the typed name.

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.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED
JAN 14 1998
BUREAU OF LAND MANAGEMENT

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

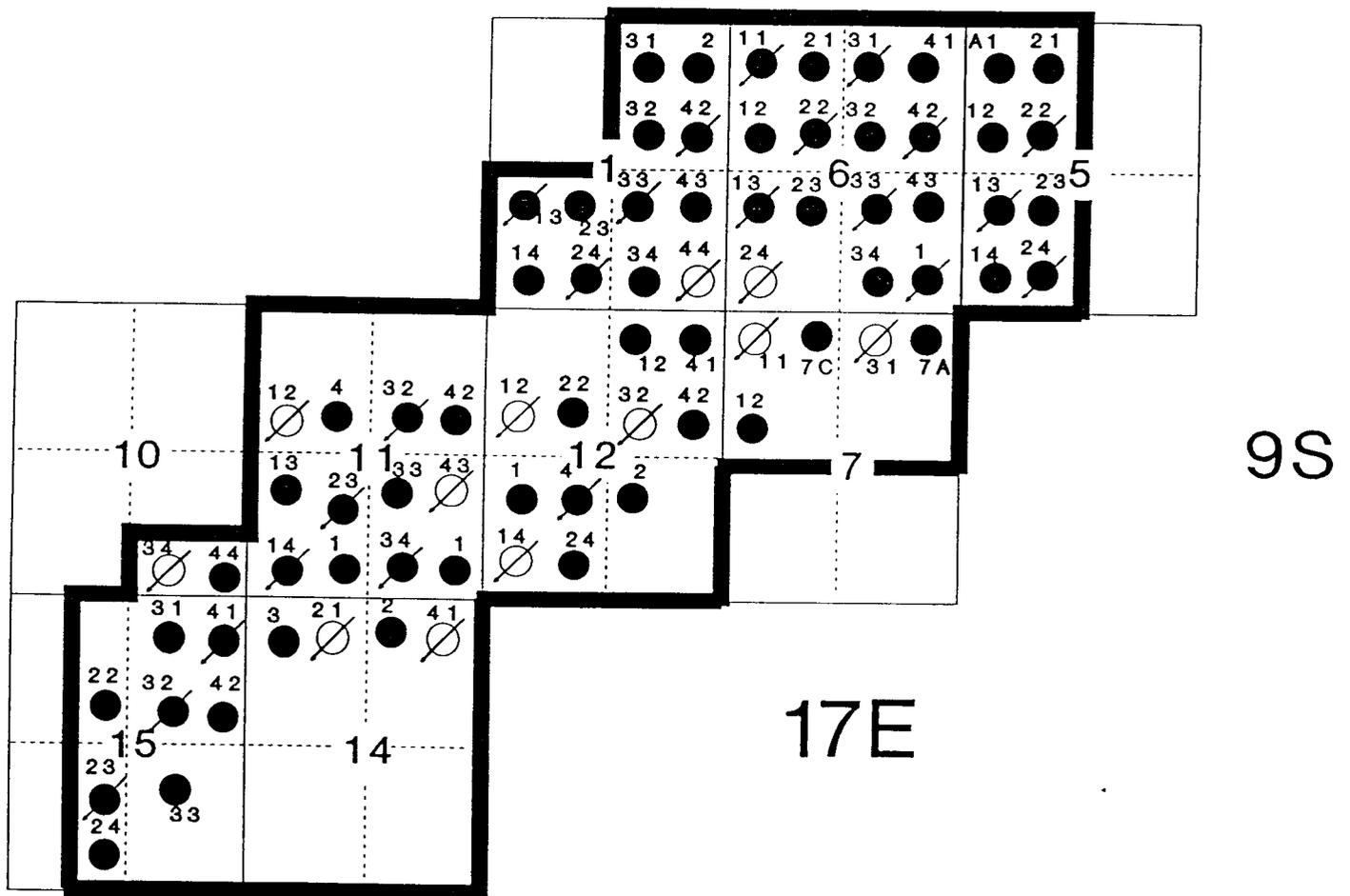
WELL STATUS REPORTS
UTAH STATE OFFICE

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



16E

17E

9S

— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY
ALLOCATION
FEDERAL 100.00%

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

OPERATOR CHANGE WORKSHEET

Routing	
1-IEC ✓	6-VAC ✓
2-CH ✓	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

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>43-613-31419</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

- IEC 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)*
- IEC 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: _____
- IEC 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.
- IEC 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-14-98) * UIC/Que Hro Pro 1-14-98 & UIC/DBase 1-14-98.*
- IEC 6. **Cardex** file has been updated for each well listed above.
- IEC 7. Well **file labels** have been updated for each well listed above.
- IEC 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)*
- IEC 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

- Y/ke 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 (ER) 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/ke 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/ke 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.
- NA 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

- Y/5 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/54 Aprv. eff. 1-13-98.

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-035521	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> INJECTOR		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		7. UNIT AGREEMENT NAME JONAH	
3. ADDRESS OF OPERATOR Route 3, Box 3630, Myton Utah 84052 (435-646-3721)		8. FARM OR LEASE NAME MONUMENT FEDERAL 32-12J	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/NE 1805 FNL 2139 FEL		9. WELL NO. MONUMENT FEDERAL 32-12J	
		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/NE Section 12, T09S R16E	
14. API NUMBER 43-013-31419	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5413 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 TREATMENT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDONMENT* <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 1025 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:

Accepted by the
Utah Division of
Oil, Gas and Mining

* See Instruction on reverse side

COPIES SENT TO OPERATOR
 Date: 6-6-00
 By: CLD

Date: 6/5/00
 By: [Signature]

SEARCHED
 SERIALIZED
 INDEXED
 FILED
 JUN 1 2000
 BUTTE COUNTY
 C.L. [Signature]

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 9:00 am pm
Test Conducted by: Roy Liddell
Others Present: _____

Well: Monument Fed 32-127-9-16 Field: Monument Butte
Well Location: SW/NE Sec, 12-T9S, R11E Duchesne Co, Utah
API No: 43-013-31419

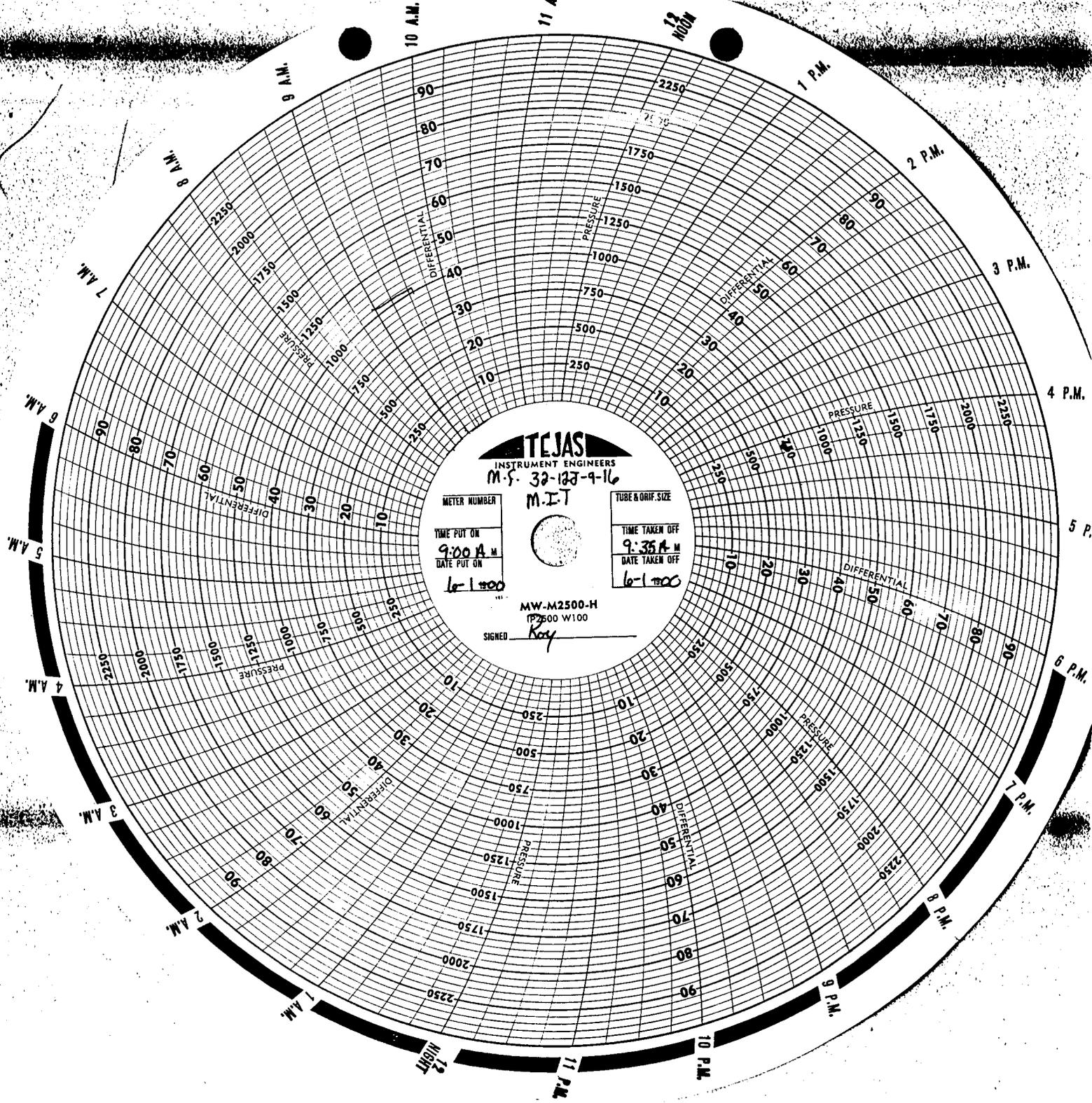
Time	Casing Pressure	
0 min	<u>1025</u>	psig
5	<u>1025</u>	psig
10	<u>1025</u>	psig
15	<u>1025</u>	psig
20	<u>1025</u>	psig
25	<u>1025</u>	psig
30 min	<u>1025</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

RECORDED
JUN 05 2000
DIVISION OF
OIL, GAS AND MINING

Tubing pressure: 1875 psig Injecting @ 25.06 BPD

Result: Pass Fail

Signature of Witness: Dennis L Ingram
Signature of Person Conducting Test: Roy Liddell



RECEIVED
 JUN 25 1900
 DIVISION OF
 CIVIL ENGINEERING

INJECTION WELL - PRESSURE TEST

Well Name: BALCON MONFED 32-12J API Number: 43-013-31419
 Qtr/Qtr: SW/NE Section: 12 Township: 9S Range: 16E
 Company Name: Inland Production Company
 Lease: State _____ Fee _____ Federal U-03552/ Indian _____
 Inspector: Dennis Longm Date: 06-01-00

Initial Conditions:

Tubing - Rate: _____ Pressure: 1875 psi
 Casing/Tubing Annulus - Pressure: 1025 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1025 PSI</u>	<u>1875 PSI</u>
5	<u>1025 "</u>	<u>1875 "</u>
10	<u>1025 "</u>	<u>1875 "</u>
15	<u>1025 "</u>	<u>1875 "</u>
20	<u>1025 "</u>	<u>1875 "</u>
25	<u>1025 "</u>	<u>1875 "</u>
30	<u>1025 "</u>	<u>1875 "</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1875 psi
 Casing/Tubing Annulus Pressure: 1025 psi

COMMENTS: Tested For 5 Year Leak. Injecting @ 25.06 BPD DURING TEST. CHART SHOWED PEAK IN PRESSURE BUT MANUAL GAUGE DID NOT

9:00 AM to 9:30 AM

Roy Lusk
 Operator Representative



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



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		

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>
city <u>Denver</u> state <u>Co</u> zip <u>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>
city <u>Denver</u> state <u>Co</u> zip <u>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: *Tech. 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

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was 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

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 re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other Injection well

2. Name of Operator
 Newfield Production Company

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone No. (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1805 FNL 2139 FEL
 SW/NE Section 12 T9S R16E

5. Lease Serial No.
 UTU035521

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.
 JONAH UNIT

8. Well Name and No.
 MON FED 32-12J

9. API Well No.
 4301331419

10. Field and Pool, or Exploratory Area
 Monument Butte

11. County or Parish, State
 Duchesne, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	5 Year MIT _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/20/05 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 4/22/05. On 4/22/05 the csg was pressured up to 11500 psig and charted for 30 minutes with 0 psi pressure loss. The well was injecting during the test. The tbg pressure was 2100 psig during the test. There was not a State representative available to witness the test. API# 43-013-31419.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05-11-05
By: *[Signature]*

NO OPERATOR
5-12-05
C.H.O.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Kathy Chapman	Title Office Manager
Signature <i>[Signature]</i>	Date 05/09/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice 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.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

MAY 11 2005

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 4/22/2005 Time 1:00 am pm

Test Conducted by: J.D. Horrocks

Others Present: _____

Well: Balcron Monument Fed. 32-12J-9-16 Field: Jonah unit

Well Location: SW/NE. sec. 12-T9S-R16E API No: _____

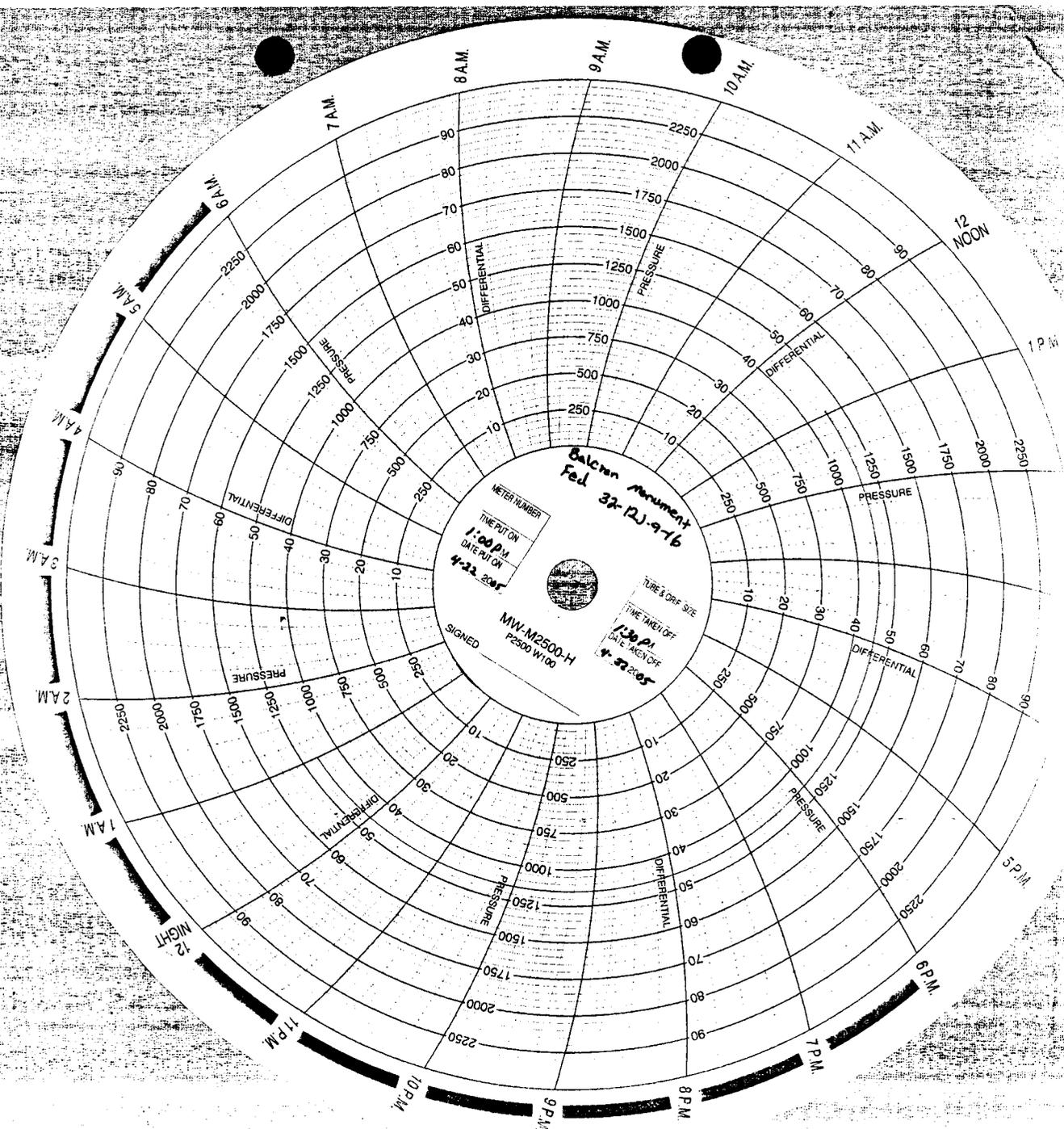
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1150</u>	psig
5	<u>1150</u>	psig
10	<u>1150</u>	psig
15	<u>1150</u>	psig
20	<u>1150</u>	psig
25	<u>1150</u>	psig
30 min	<u>1150</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 2100 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: J.D. Horrocks



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-035521

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
JONAH UNIT

8. WELL NAME and NUMBER:
MON FED 32-12J

9. API NUMBER:
4301331419

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

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.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER WT

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1805 FNL 2139 FEL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 12, 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 checked="" 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:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
<u>10/09/2008</u>	<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 type="checkbox"/> OTHER: -
	<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.

The above subject well had workover procedures performed (tubing leak), attached is a daily status report. ON 10-22-08 Dennis Ingram 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 10-23-08. ON 10-23-08 the csg was pressured up to 1900 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1525 psig during the test. There was a State representative available to witness the test (Dennis Ingram). API 43-013-31419

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: 11-05-08
By: [Signature]

NAME (PLEASE PRINT) Henry Park TITLE Production Tech
SIGNATURE [Signature] DATE 10/29/2008

(This space for State use only)

COPY SENT TO OPERATOR

Date: 11.6.2008
Initials: KS

RECEIVED
NOV 03 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

MON 32-12J-9-16**8/1/2008 To 12/30/2008****10/9/2008 Day: 1****Tubing Leak**

NC #3 on 10/8/2008 - MIRUSU. X- over to tbg eq. ND wellhead. NU BOP. RU rig floor. Release Pkr. Drop std valve down tbg & push to SN w/ sandline. Attempt to pressure test tbg to 3000 psi. No test. TOH w/ 2- jts 2 7/8. Found hole in jt # 2. Attempt to pressure test tbg to 3000 psi. No test. Lost 100 psi in 10 min. Used 10 bbis water to test tbg. RU sandline to retrieve std valve. RD sandline & std valve. SDFD.

10/10/2008 Day: 2**Tubing Leak**

NC #3 on 10/9/2008 - TOH w/ 149- jts 2 7/8, SN, Pkr. PU TIH w/ Pkr, SN, 150- jts 2 7/8. Drop std valve down tbg, & pressure test tbg to 3000 psi for 1 hr. Good test. RU sandline to retrieve std valve. RD sandline & std valve. RD rig floor. ND BOP. NU wellhead. Pump 60 bbis fresh water w/ pkr fluid down csg. ND wellhead. Set Pkr w/ 15000 tension. NU wellhead. Pressure test csg & Pkr to 1500 psi for 1 hr. Good test. RD MOSU. READY FOR MIT.

10/24/2008 Day: 3**Tubing Leak**

Rigless on 10/23/2008 - On 10/22/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (Monument Federal 32-12J-9-16). Permission was given at that time to perform the test on 10/23/08. On 10/23/08 the csg was pressured up to 1900 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1525 psig during the test. There was a State representative available to witness the test. (Dennis Ingram) API # 43-013-31419

Pertinent Files: Go to File List

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Dennis Ingram Date 10/23/08 Time 11:45 (am) pm

Test Conducted by: Alfredo Rios

Others Present: _____

Well: Monument Federal 32-125-9-16	Field: Monument Butte
Well Location: SW/NE 12 95 16E Duchesne County Utah U-035521	API No: 43-013-31419

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1900</u>	psig
5	<u>1900</u>	psig
10	<u>1900</u>	psig
15	<u>1900</u>	psig
20	<u>1900</u>	psig
25	<u>1900</u>	psig
30 min	<u>1900</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1525 psig

Result: Pass Fail

Signature of Witness: Dennis Ingram

Signature of Person Conducting Test: Alfredo Rios

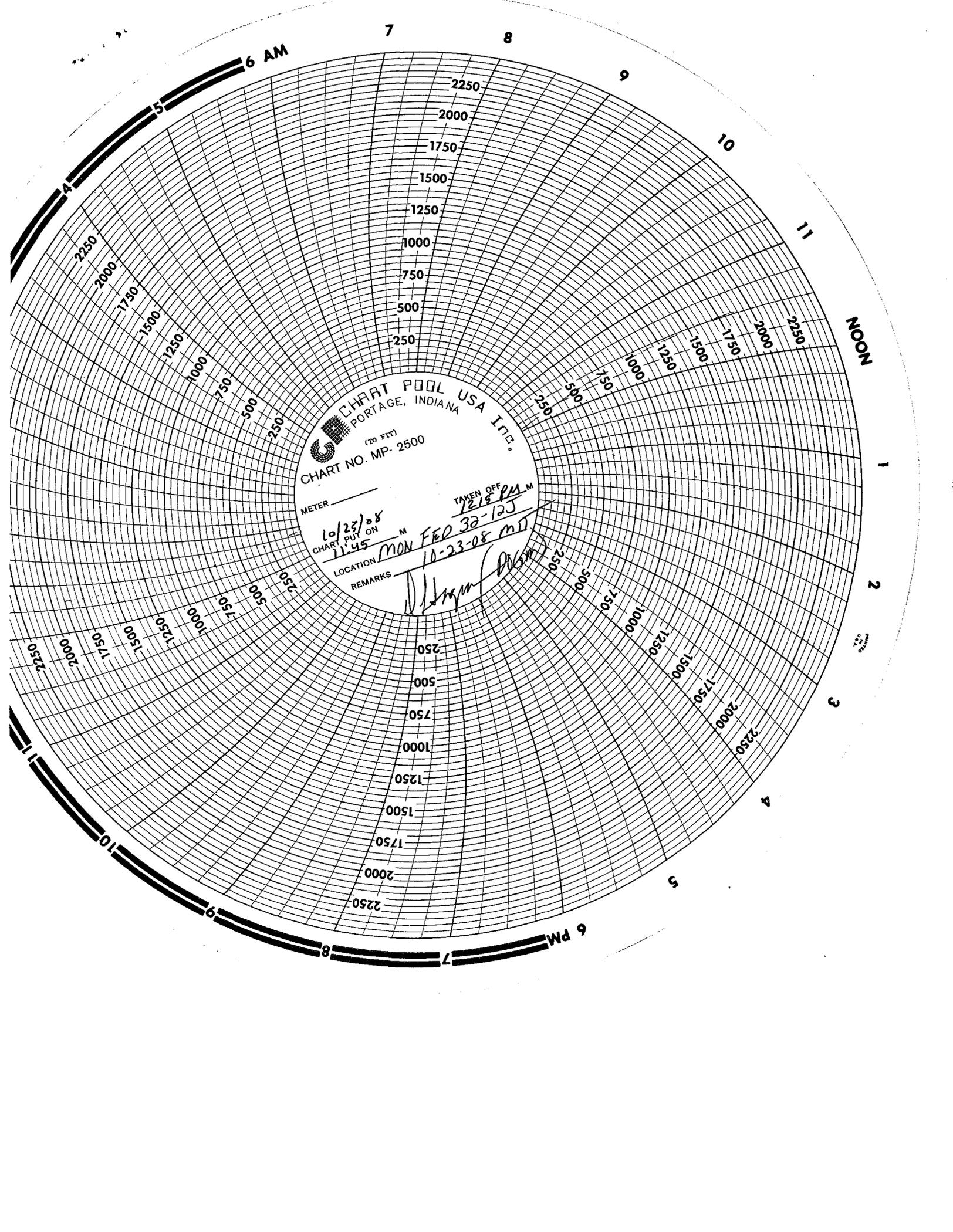


CHART POOL USA INC.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP-2500

METER _____
CHART PUT ON 10/23/08
11:45 M
LOCATION MON FEO 30-12J
REMARKS 10-23-08 MD
TAKEN OFF 12:15 PM M

[Handwritten signature]

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-035521

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:
JONAH UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
MON FED 32-12J

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331419

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: 1805 FNL 2139 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 12, 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"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" 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: 05/05/2009	<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 type="checkbox"/> OTHER: -
	<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.

The above subject well had workover procedures performed (injection leak).

On 04-29-09 Dennis Ingram 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 04-29-09. On 04-29-09 the csg was pressured up to 1775 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1296 psig during the test. There was a State representative available to witness the test.

API 43-013-31419

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: 05-14-09
By: 

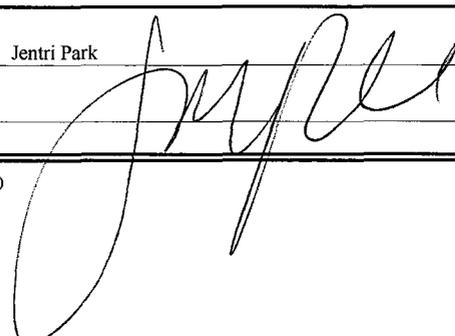
COPY SENT TO OPERATOR

Date: 5.18.2009

Initials: KS

NAME (PLEASE PRINT) Jentri Park

TITLE Production Tech

SIGNATURE 

DATE 05/05/2009

(This space for State use only)

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Dennis Ingram Date 9/29/09 Time 1000 am pm
Test Conducted by: Alfredo Rios
Others Present: _____

Well: Balcon Mountain Federal 32-125-9-16 Field: Mountain Butte
Well Location: SW/NE Sec. 12, T9S R16E API No: 43-013-31419
Duchesne County Utah

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1775</u>	psig
5	<u>1775</u>	psig
10	<u>1775</u>	psig
15	<u>1775</u>	psig
20	<u>1775</u>	psig
25	<u>1775</u>	psig
30 min	<u>1775</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1296 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

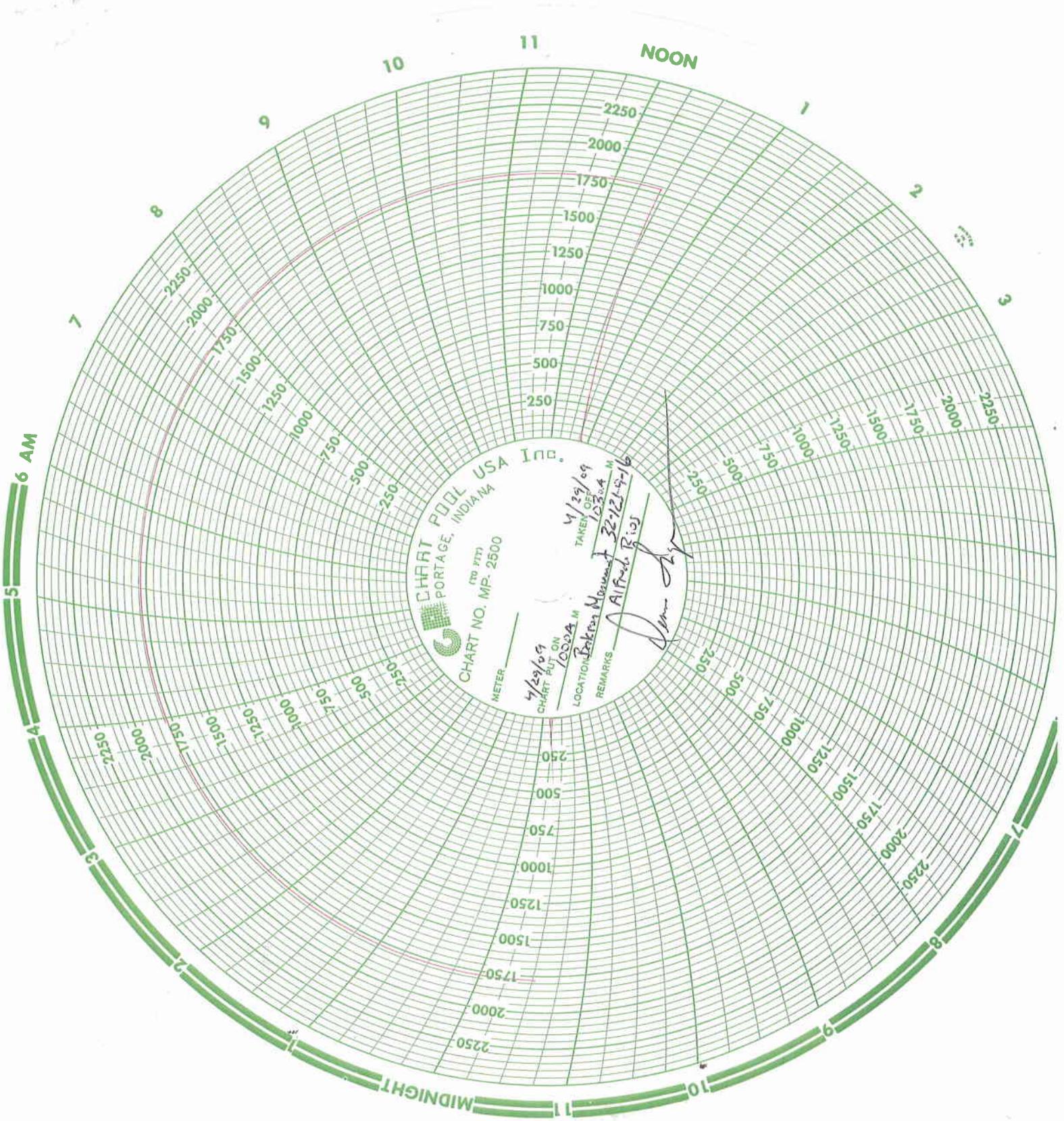


CHART POOL USA Inc.
PORTAGE, INDIANA
CHART NO. MP-2500
METER

4/29/09
CHART PUT ON
1030A M
LOCATION: Baker's Mouth
REMARKS: Alford River
TAKEN OFF
1030A M
32124-16
John Dyer

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-035521
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 (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: MON FED 32-12J
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013314190000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1805 FNL 2139 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 12 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE 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: 4/8/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <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.

On 04/07/2014 with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 04/08/2014 the casing was pressured up to 1349 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1723 psig during the test. There was a State representative available to witness the test - Chris Jensen.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: April 21, 2014

By:

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 4/10/2014

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Chris Jensen Date: 4/8/14 Time: 11:00 am pm

Test Conducted by: Everett Unruh

Others Present: _____

Well:	Monument Federal 32-12J-9-16	Field:	Monument Butte
Well Location:	SWNE Sec 12 T9S R16E Duchesne County, UT	API No:	43-013-31419

5 YEAR

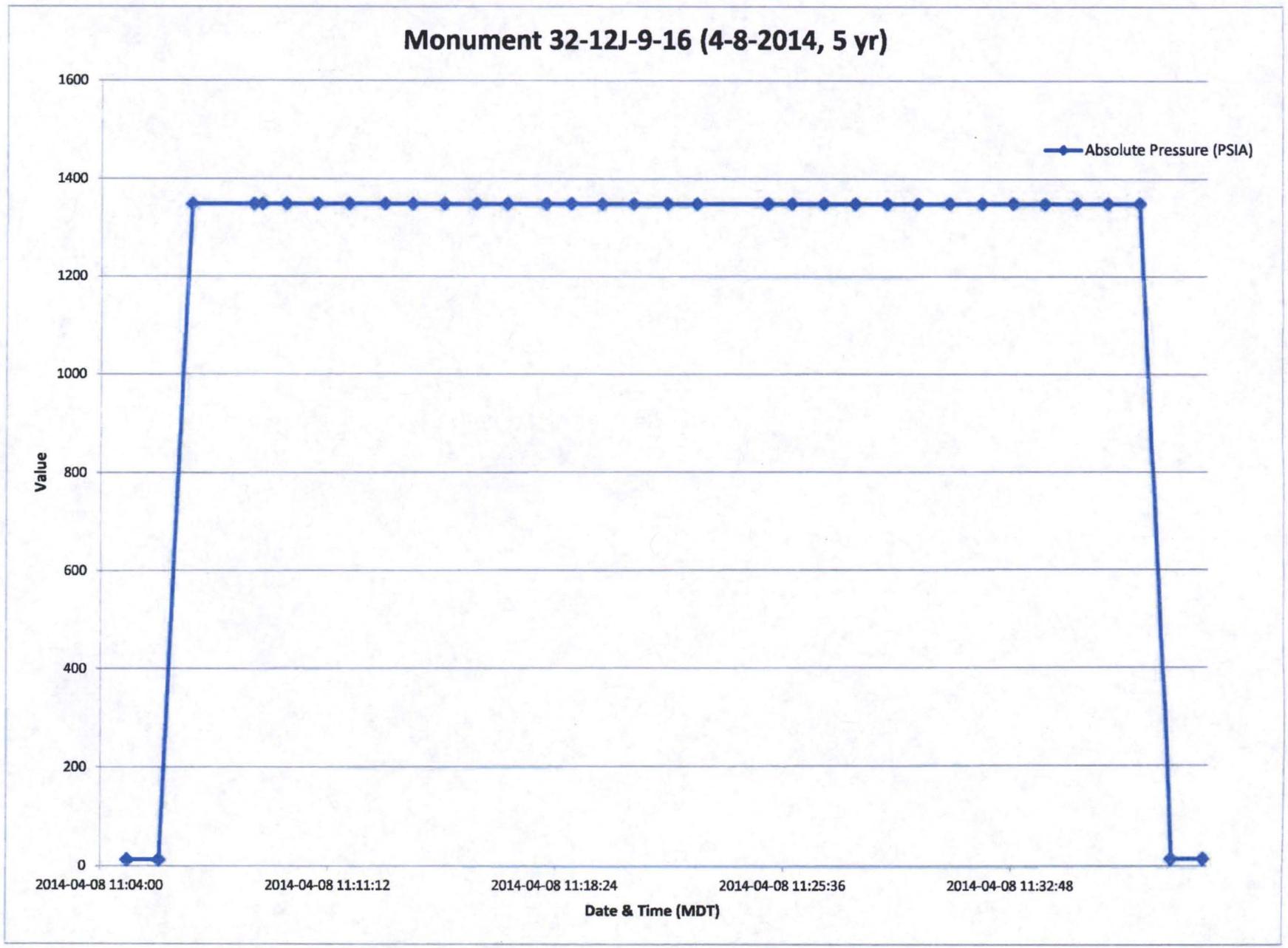
Time	Casing Pressure
0 min	<u>1349</u> psig
5	<u>1349</u> psig
10	<u>1349</u> psig
15	<u>1349</u> psig
20	<u>1349</u> psig
25	<u>1349</u> psig
30 min	<u>1349</u> psig
35	_____ psig
40	_____ psig
45	_____ psig
50	_____ psig
55	_____ psig
60 min	_____ psig

Tubing Pressure: 1723 psig

Result: Pass Fail

Signature of Witness: Chris Jensen

Signature of Person Conducting Test: Everett Unruh



Balcron Monument Federal #32-12j

El ev. @ GL = 5417', KB = 5427' (10' KB)

Injection Wellbore Diagram

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 255.30'
 Hole size @ 12-1/4"
 Depth Landed @ 263' KB
 Cemented w/ 160 sacks "C" 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 PCZ.
 Cement top @ 933' per CBL

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" x 5-1/2" x 2.35'
 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

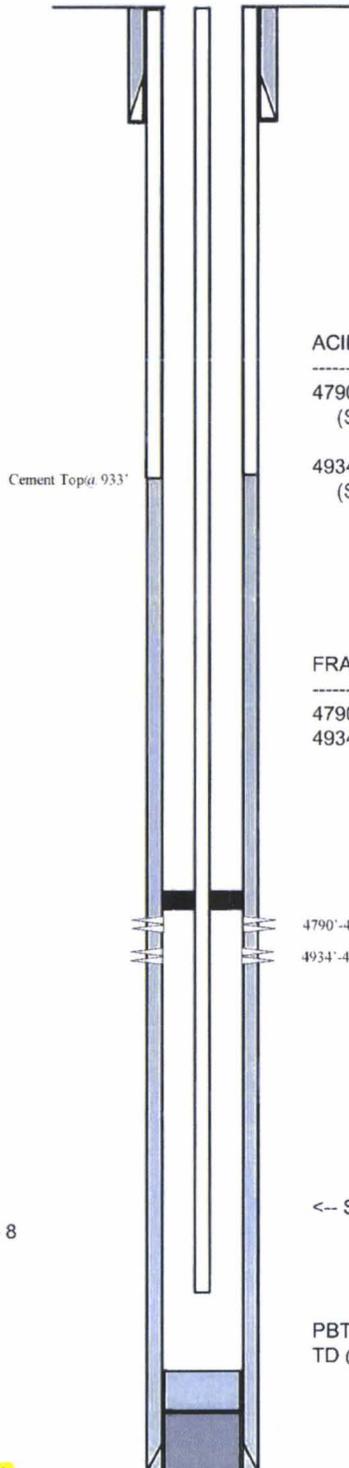
Pump size @ 2-1/2" x 1-1/2" x 16' RVAC
 w/ PA plunger.

Stroke Length @ 89", 3-1/2 SPM

Pumping Unit size: Lufkin LM-228D-213-8

Ajax Engine Model E-42

Tanks - 2 @ 12' x 20' (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.

4790'-4798' red 5 sds
 4934'-4938' green 1 sds

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

NEWFIELD

BALCRON MONUMENT FEDERAL #32-12J

Jonah Unit / Monument Butte Field

Lease No. U-035521

SW NE Section 12, T9S, R16E

Duchesne County, Utah

API # 43-013-31419