

UTAH OIL AND GAS CONSERVATION COMMISSION

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

Confidential Status Expired 11-1-94

DATE FILED **1-29-93**

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. **U-020252** INDIAN

DRILLING APPROVED: **4-12-93**

SPUDDED IN: **8-31-93**

COMPLETED: **10-1-93 POW** PUT TO PRODUCING: **10-1-93**

INITIAL PRODUCTION: **28 BOPD; 116.8 MCF; 5 BWPD**

GRAVITY A.P.I. **34**

GOR: **400**

PRODUCING ZONES: **4890-5048 (GRRV)**

TOTAL DEPTH: **5850'**

WELL ELEVATION: **5241.7 GL; 5254.7 KB**

DATE ABANDONED:

FIELD: **MONUMENT BUTTE**

UNIT:

COUNTY: **DUCHESNE**

WELL NO. **BALCRON MONUMENT FED 22-5** API NO. **43-013-31384**

LOCATION **1853' FNL** FT. FROM (N) (S) LINE. **1979' FWL** FT. FROM (E) (W) LINE. **SE NW** 1/4 - 1/4 SEC. **5**

TWP.	RGE.	SEC.	OPERATOR.	TWP.	RGE.	SEC.	OPERATOR
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<b>9S</b>	<b>17E</b>	<b>5</b>	<b>EQUITABLE RESOURCES</b>
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# BALCRON OIL

A Division of  
Equitable Resources Energy Company

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

**RECEIVED**

**JAN 28 1993**

**DIVISION OF  
OIL, GAS & MINING**

January 27, 1993

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

Gentlemen:

We hereby request that the status of the following wells be held tight for the maximum period allowed by State regulations:

Balcron Monument Federal #32-11  
SW NE Section 11, T9S, R16E  
Duchesne County, Utah

Balcron Monument Federal #22-5  
SE NW Section 5, T9S, R17E  
Duchesne County, Utah

Balcron Monument Federal #14-5  
SW SW Section 5, T9S, R17E  
Duchesne County, Utah

Balcron Monument Federal #23-5  
NE SW Section 5, T9S, R17E  
Duchesne County, Utah

This request was inadvertently omitted when sending in the APDs.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

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

**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  
1853.4' FNL 1979.5' FWL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 16.2 miles SW of Myton, Utah

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL  
40 acres

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

19. PROPOSED DEPTH  
5,700'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GL 5241.7'

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 EXHIBIT "D"	for details			

**RECEIVED**

JAN 29 1993

EXHIBITS ATTACHED

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

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 Jan. 27, 1993

(This space for Federal or State office use)  
PERMIT NO. 43-013-3138-4 APPROVAL DATE 4-12-93

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 4-12-93  
BY: [Signature]  
WELL NO. 649-3-2

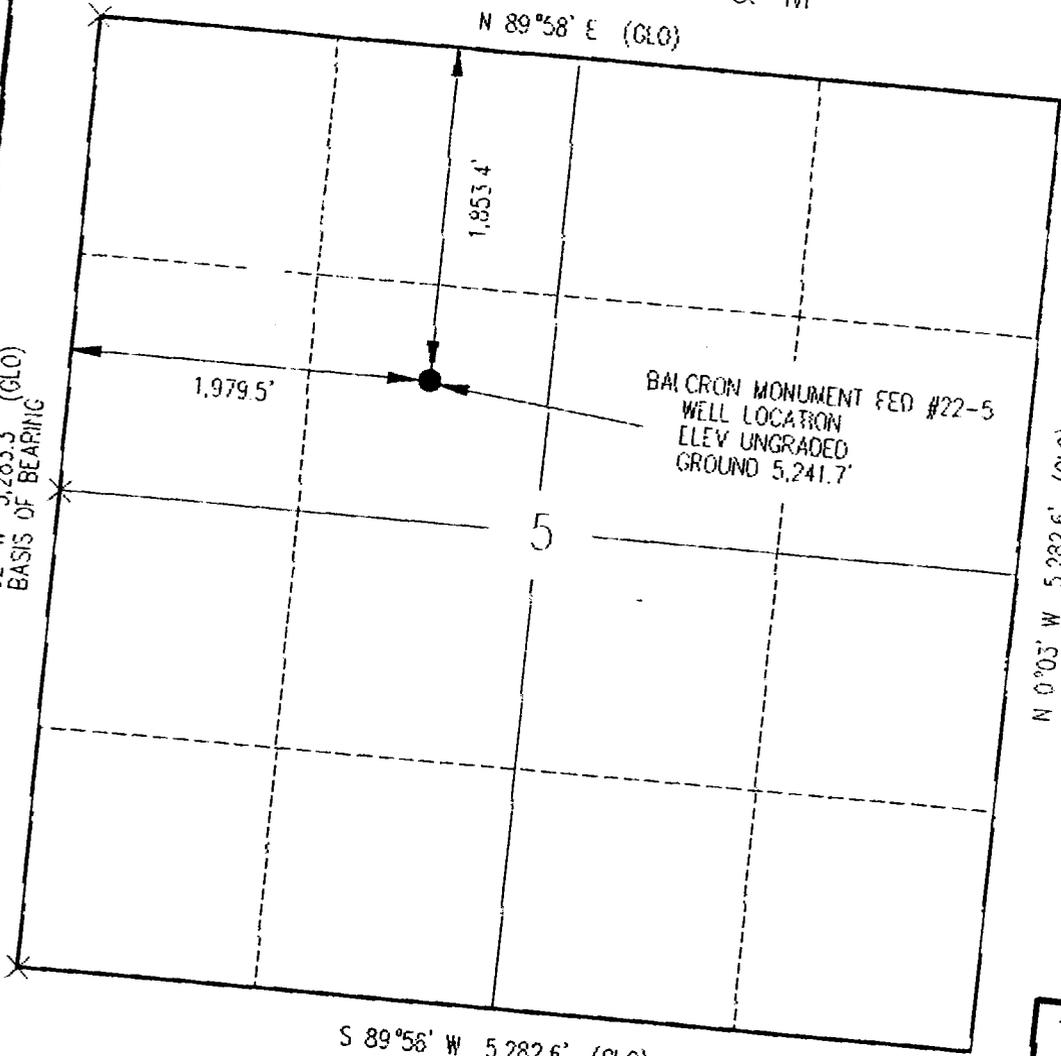
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

T9S, R17E, S.L.B. & M

N 89°58' E (GLO)

S 0°02' W 5,283.3' (GLO)  
BASIS OF BEARING



S 89°56' W 5,282.6' (GLO)

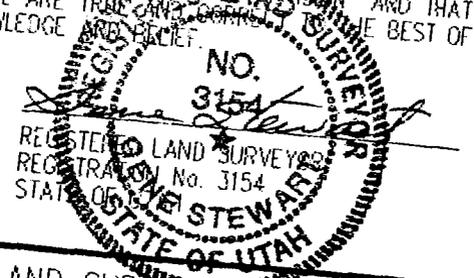
N 0°03' W 5,282.6' (GLO)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCORN MONUMENT FED #22-5,  
LOCATED AS SHOWN IN THE SE 1/4 NW 1/4  
OF SECTION 5, T9S, R17E, S.L.B. & M,  
CACHESNE 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.



REGISTERED LAND SURVEYOR  
REGISTRATION No. 3154  
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING  
38 EAST 100 NORTH, VERNAL, UTAH 84078  
(801) 781-2501

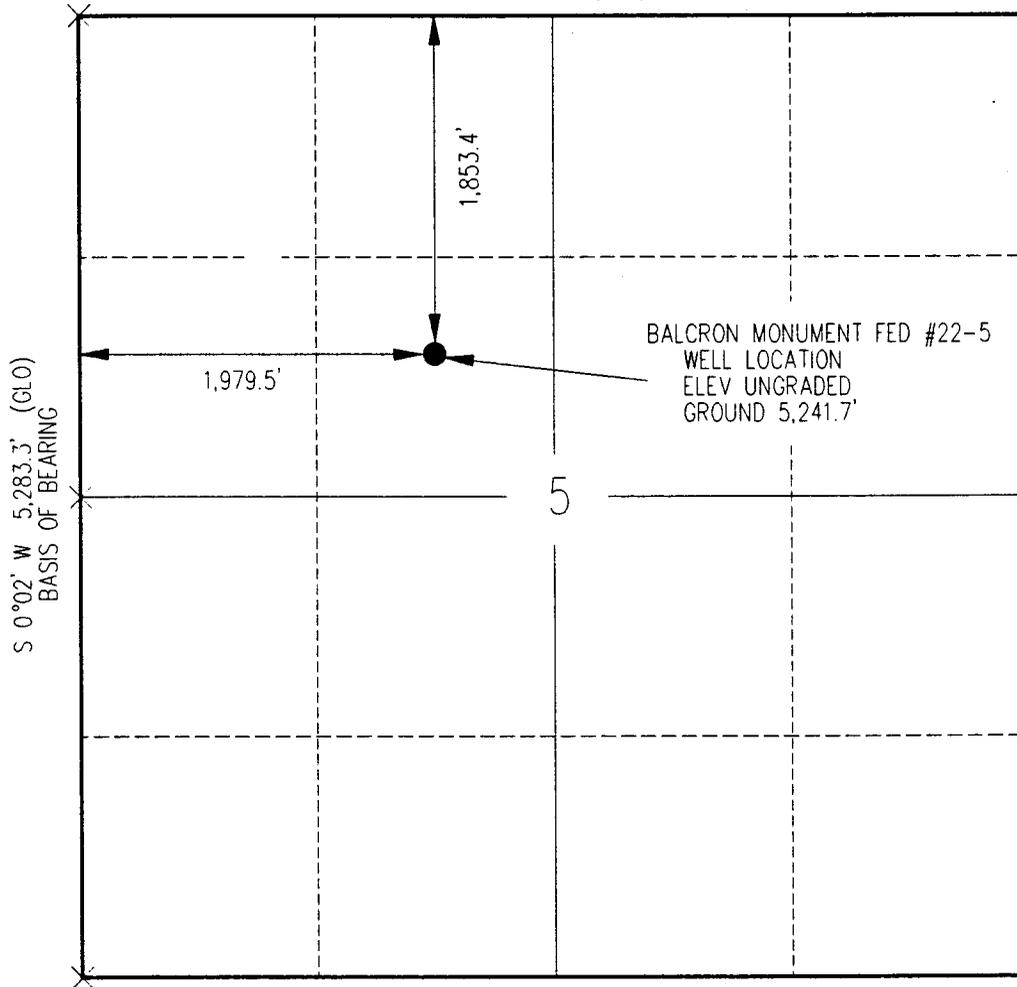
SCALE: 1" = 1000'	SURVEYED BY: GS DE
DATE: 9/29/92	WEATHER: CLEAR & WARM
NOTES:	FILE # #22-5

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)

EXHIBIT "G"

T9S, R17E, S.L.B. & M.

N 89°58' E (GLO)



S 0°02' W 5,283.3' (GLO)  
BASIS OF BEARING

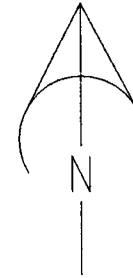
N 0°03' W 5,282.6' (GLO)

S 89°56' W 5,282.6' (GLO)

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)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FED #22-5,  
LOCATED AS SHOWN IN THE SW 1/4 NW 1/4  
OF SECTION 5, T9S, R17E, S.L.B. & M,  
DUCHESE 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.



TRI STATE LAND SURVEYING AND CONSULTING  
38 EAST 100 NORTH, VERNAL, UTAH 84078  
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: GS DB
DATE: 9/29/92	WEATHER: CLEAR & WARM
NOTES:	FILE # #22-5

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Monument Federal #22-5  
SE NW Section 5-T9S-R17E  
Duchesne County, Utah

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

ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

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.

PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Duchesne River 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")

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.

ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon as the BLM approves this APD.
- 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 #22-5  
SE NW Section 5, T9S, R17E  
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. 200' & 245' W and 175' & 225' S
- B. The Monument Federal #22-5 is located approximately 16.2 miles Southwesterly of Myton Utah, in the SE1/4 NW1/4 Section 5, T9S, R17E, SLB&M, Duchesne County, Utah. To reach the 22-5, 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 0.9 mile to road intersection, turn left and continue 0.5 mile to location which is on the North side of the 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 access road construction is planned for access to the proposed well location.

- A. Width - None
- B. Construction standard - None
- C. Maximum grade - None
- D. Turnouts - None
- E. Drainage design - None

- F. Culverts, cuts and fills - None
- G. Surface materials - None
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.
- J. The proposed access road has been centerline flagged.

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

Please Refer to Map "C"

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

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

A. Existing

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

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram

showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.

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

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

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.
- C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
  - D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
  - E. Reclamation of disturbed areas no longer needed for operation will be accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.
- For Pipeline:
- F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.
  - G. Equitable Resources Energy Company shall be responsible

for road maintenance from the beginning to completion of operations.

**5. Location and Type of Water Supply**

- A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah.
- B. No water well will be drilled on this location.

**6. Source of Construction Materials**

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

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

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

**7. Methods of Handling Waste Materials:**

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

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon

receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If at the time of construction it is determined to be necessary, the reserve pit will be lined with a plastic nylon 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 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 NW corner, and the flare pit will be located downwind of the prevailing wind direction between corners #5 & #6. No diversion ditches will be constructed. Access to the well pad will be from the Southwest.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There will be three (3) trailers on location during drilling operation.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations.
- D. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid. The flare pit will be located downwind of the prevailing wind on the East side of location between corner #5 and corner #6, at least 100' from the wellhead and at least 30' from the reserve pit. This pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the well site location.

The reserve pit will not be lined unless requested by the B.L.M. or unless it is deemed necessary by Equitable Resources. If a plastic-nylon reinforced liner is used, it 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. If a plastic or nylon reinforced pit liner is used, it 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 disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

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

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

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

Pure Live Seed (PLS)

lbs./acre

Seed Mix

1	Forage Kochia (Kochia prostrata)
5	Ephriam Crested Wheatgrass (Agropyron cristatum Ephriam)
4	Russian Wildrye (Elymus junceus)
2	Fourwing Saltbush (Atriplex canescens)

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 1 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

**B. Dry Hole/Abandoned Location**

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

**11. Surface Ownership:**

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

Bureau of Land Management  
Vernal District Office

Vernal, Utah

**12. Other Information:**

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

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 11 miles South of Myton Utah.

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

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

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

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

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

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

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

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

B. The surface ownership is Federal. The surface use is grazing and petroleum production.

C. 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.

2. There are no occupied dwellings in the immediate area

3. An archaeological report will be forwarded upon completion.

4. There are no reported restrictions or reservations noted on the oil and gas lease.

5. A silt catchment basin will be constructed according to BLM specifications approximately 200 feet East of location corner #6, where flagged.

**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

Mike Perius, Operations Supervisor 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.

January 27, 1993

**Date**

Bobbie Schuman

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

EXHIBIT "C"

BALCRON OIL COMPANY

Geologic Prognosis

EXPLORATORY \_\_\_\_\_  
DEVELOPMENT X

WELL NAME: Balcron Monument Butte Fed #22-5 PROSPECT/FIELD: MONUMENT BUTTE  
 LOCATION: SEW 1880 FNL, 1980 FWL SECTION 5 TOWNSHIP 9S RANGE 17E  
 COUNTY: Duchesne STATE: UT GL(Ung): 5241.7 EST KB: 5254 TOTAL DEPTH 5850

PROGNOSIS			Sample Top			PROGNOSIS			Sample Top		
Formation	Depth	Datum	Depth	Datum	Datum	Formation	Depth	Datum	Depth	Datum	Datum
KB		5254			5244						
Duchesne	Surf										
Green River	1513	3741			3767						
Branshoo	2234	3020			3046						
Way #1 Y-2	4208	1046			1072						
Douglas Creek	4699	555			581						
Way #2 R-2	4788	466			492						
Way #3 R-5	4884	370			396						
Way #4 G-1	5012	242			268						
Way #5 G-3	5181	73			99						
Way #6 G-5	5210	44									
Wasatch Tongue	5581	327			NDE						
	5850										

HYDROLOG WELL: Allen Federal Dir/Otr: SWW Section 5 Township 9S Range 17E  
#12-5

SAMPLES:		LDGS:		FROM		TO	
50	samples	1000	4000	sur csg	TD		
20	samples	4000	TD	3500	TD		
	samples						
	samples						
	samples						
	samples						
	samples						

Incl Samples To:  
Utah Geological Sample Library  
1-Dry Out

LOGS: NONE

DRILL STEM TESTS: NONE

LOGGING/LOG WIRE:  
 Acquired: (Yes/No) YES  
 Type: Two Man

WELLSITE GEOLOGIST:  
 From: 1000 to TD  
 Name: \_\_\_\_\_ Tele. No: (\_\_\_\_\_) \_\_\_\_\_  
 Address: \_\_\_\_\_

PREPARED BY: K. K. Reinschmidt / S. W. VanDelinder DATE: 11/13/92

**BALCRON OIL  
DRILLING PROGRAM**

WELL NAME: Balcron Monument      PROSPECT/FIELD: Monument Butte  
Federal # 22-5  
LOCATION: SE NW Sec 5 Twn 9S Rge 17E  
COUNTY: Duchesne      STATE: Utah

TOTAL DEPTH: 5850'

**HOLE SIZE      INTERVAL**

12 1/4" Surf to 260'  
7 7/8" 260' to 5850'

CASING	INTERVAL		CASING		
	FROM	TO	SIZE	WEIGHT	GRADE
STRING TYPE					
Surface	0'	260'	8 5/8"	24 #/FT	J-55
Production	0'	5850'	5 1/2"	15.50#/Ft	J-55

All casing will be ST&C, 8RD, New

**CEMENT PROGRAM**

Surface      250 sacks class "G" with 3% CaCl.  
(Note: Volumes are 100% excess.)

Production      250 sacks Haliburton Hifill with 10 #/SK  
Gilsonite tailed with 180 sacks 50/50 Poz with  
0.3% CFR-3, 1/4 #/Sk Flocele, 0.5% Halad-24, and  
10% salt.  
(Note: Actual volumes will be calculated from  
caliper log.)

**PRELIMINARY  
DRILLING FLUID PROGRAM**

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air / Air Mist	Surf	260	NA	NA	NA
Water/fresh Gel	260'	5850'	8.7-8.9	10-12	12-14

**COMMENTS**

- 1.) No cores or DSTs are planned .
- 2.) Logging program: DIL/FDC/CNL/GR.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Monument Fed 22-5
Project ID:	Location: Monument Butte, Utah

Design Parameters:

Mud weight ( 9.63 ppg) : 0.500 psi/ft  
 Shut in surface pressure : 2340 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	5,850	5-1/2"	15.50	J-55	ST&C	5,850	4.825
	Collapse Load Strgth S.F. (psi) (psi)		Burst Load Strgth S.F. (psi) (psi)	Min Int Strgth S.F. (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	2925	4040	1.381	2925	4810	1.64	90.68 202 2.23 J

Prepared by : McCoskery, Billings, MT  
 Date : 11-30-1992  
 Remarks :

Minimum segment length for the 5,850 foot well is 1,500 feet.  
 The mud gradient and bottom hole pressures (for burst) are 0.500 psi/ft and  
 2,925 psi, respectively.

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



# United States Department of the Interior

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

IN REPLY TO:

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

April 25, 1989

## NOTICE

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

OIL AND GAS

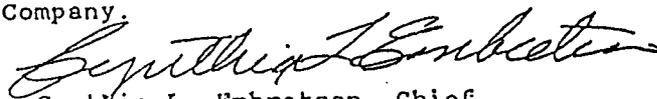
### CORPORATE MERGER RECOGNIZED RIDER TO NATIONWIDE BOND ACCEPTED

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

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

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

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

  
Cynthia L. Embretson, Chief  
Fluids Adjudication Section

1 Enclosure  
1-Exhibit A

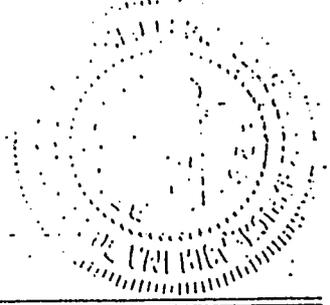
cc: (w/encl.)  
AFS, Denver (1)  
All DMs (1 ea.)  
RMO Section (1)  
Regional Forester, Lakewood (2)  
Regional Forester, Missoula (2)  
Bureau of Reclamation (1)

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



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

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

...ty, 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  
United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for  
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  
right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any  
or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the  
and subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits  
portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves,  
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 Petro-  
leum Reserve in Alaska.

SCHEDULE A

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  
oil and gas leasing authorities as applicable.

NAMES OF STATES

ALL STATES

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

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

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

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

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

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

ing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

riders effective 1/1/89  
(MONTH, DAY, YEAR)

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

EQUITABLE RESOURCES ENERGY COMPANY  
PRINCIPAL

By: \_\_\_\_\_ TITLE  
SAFECO INSURANCE COMPANY OF AMERICA

By: ✓ R. George Voinchet ATTORNEY-IN-FACT



SAFECO

POWER OF ATTORNEY

SAFECO INSURANCE COMPANY OF AMERICA  
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, Washington corporation, does each hereby appoint

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

as 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

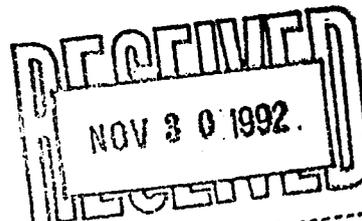
this 10th day of April, 19 89.



# ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

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

November 24, 1992



*Subject:*

**CULTURAL RESOURCE EVALUATION OF 7 PROPOSED  
WELL LOCATIONS IN THE CASTLE PEAK DRAW  
LOCALITY OF DUCHESNE COUNTY, UTAH**

*Project:*

**BALCRON OIL CO. -- 1992 Development  
Program for the Monument Butte Lease Area  
UNITS: 14-15, 32-11, 21-17, 14-5, 22-5, 23-5, & 13-8**

*Project No.:*

**BLCR-92-8**

*Permit No.:*

**Dept. of Interior -- UT-92-54937**

*Utah Project No.:*

**UT-92-AF-634b**

*To:*

**Ms. Bobbie Schuman, Balcron Oil Co., P.O. Box 21017, Billings Montana  
59104**

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

*Info:*

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

**CULTURAL RESOURCE EVALUATION  
OF SEVEN PROPOSED WELL LOCATIONS IN THE  
CASTLE PEAK DRAW LOCALITY  
OF DUCHESNE COUNTY, UTAH**

**Report Prepared for BALCRON OIL COMPANY**

**Dept. of Interior Permit No.: UT-92-54937  
AERC Project 1358 (BLCR-92-8)**

**Utah State Project No.: UT-92-AF-634b**

**Principal Investigator & Author of Report  
F. Richard Hauck, Ph.D.**



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

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

**November 24, 1992**

## ABSTRACT

Intensive cultural resource evaluations have been conducted for Balcron Oil Company of seven proposed well locations on federal lands in the Castle Peak Draw locality of Duchesne County, Utah. The examinations of these seven locations involved a total of 87.75 acres of which 15.75 acres (1.3 mile) includes five separate access routes associated with Units 14-15, 32-11, 21-17, 14-5, and 13-8. The remaining 70 acres involves ten acre parcels at all seven of the proposed Units (14-15, 32-11, 21-17, 14-5, 22-5, 23-5, and 13-8). These evaluations were conducted between November 3 and 17, 1992 by archaeologist Glade Hadden under the supervision of F. Richard Hauck. An AERC team consisting of Glade Hadden, Lance Harding, Michael Hauck, and F.R. Hauck participated in the recording and analyses of the cultural sites.

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

No diagnostic isolated artifacts were observed during the evaluations.

A paleontologically sensitive area was observed and flagged for avoidance in association with the access route into Unit 14-5.

Two newly identified cultural resource activity loci were evaluated and recorded during the examinations. These sites (42DC 765 and 42DC 766) consist of a significant open occupation and a significant lithic scatter associated respectively with proposed Units 13-8 and 23-5.

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

## TABLE OF CONTENTS

	page
Abstract . . . . .	ii
Table of Contents . . . . .	iii
List of Maps of the Project Area . . . . .	iv
General Information . . . . .	1
Project Location . . . . .	1
Environmental Description . . . . .	4
Previous Research in the Locality . . . . .	4
File Search . . . . .	4
Prehistory and History of the Project Area . . . . .	5
Site Potential in the Project Development Zone . . . . .	5
Field Evaluations . . . . .	6
Methodology . . . . .	6
Site Significance Criteria . . . . .	6
Results of the Inventory . . . . .	7
Conclusion and Recommendations . . . . .	10
References . . . . .	11

LIST OF MAPS OF THE PROJECT AREA

	page
MAP 1: Cultural Resource Survey of Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County . . . . .	2
MAP 2: Cultural Resource Survey of Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County . . . . .	3

## GENERAL INFORMATION

Between November 3 and 17, 1992, archaeologist Glade Hadden acting under the supervision of F.R. Hauck conducted intensive cultural resource evaluations for Balcron Oil Company of Billings, Montana. These examinations involved seven separate well locations (14-15, 32-11, 21-17, 14-5, 22-5, 23-5, and 13-8) and five linear access route evaluations totaling 1.3 mile associated with Units 14-15, 32-11, 21-17, 14-5, and 13-8. This project area is situated in the Castle Peak Draw locality of Duchesne County, Utah.

This project is situated on federal lands administered by the Diamond Mountain Resource Area of the Vernal District of the Bureau of Land Management.

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 development of these well locations requires an archaeological evaluation in compliance with the 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 Vernal District Office of the Bureau of Land Management relative to the locations on public lands, and to the Antiquities Section of the Utah State Division of History. This work was done under U.S. Department of Interior Permit for Utah UT-92-54937 which expires on January 31, 1993.

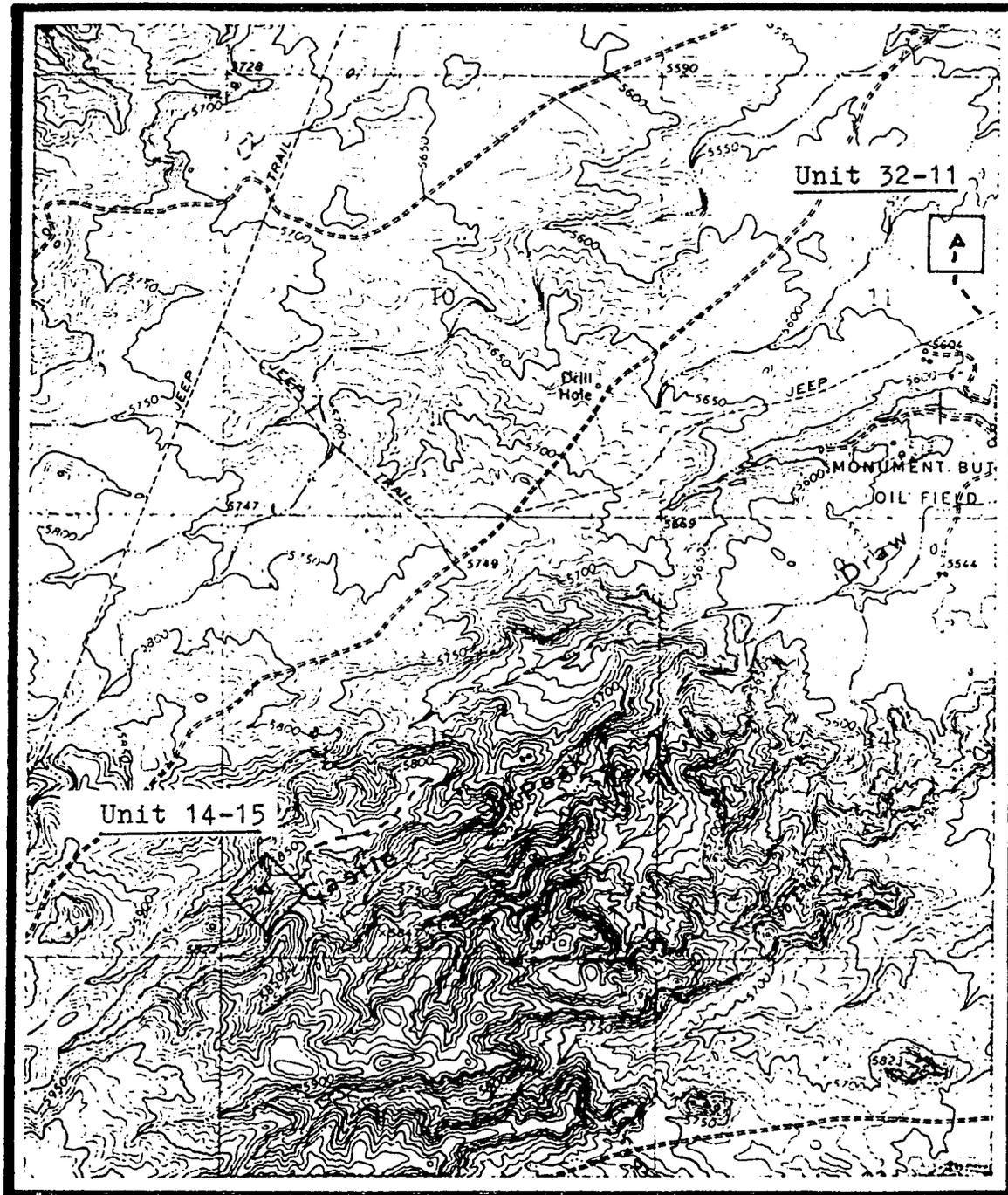
The seven evaluated well locations included seven 10 acre parcel evaluations for a total of 70 acres. A series of 15 to 20 meter-wide survey transects were walked within the 100 foot-wide corridors associated with the five access routes covering a total distance of 1.3 miles or some 15.75 acres. A total of 85.75 acres were examined during this inventory.

### Project Location

The project location is in the Vernal District of the Bureau of Land Management. It is situated on the Myton SE, 7.5 minute topographic quad as shown on the attached maps.

Unit 14-15 is situated in the SW - SW quarter of Section 15, Township 9 South, Range 16 East. Its access route extends for ca. .5 mile to the northeast into the center of that section to connect with another well location (see Map 1).

AERC



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

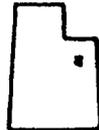
**MAP 1**  
 Cultural Resource Survey  
 of Proposed Well Locations  
 in the Castle Peak Draw  
 Locality of Duchesne Co.

**Legend:**  
 Well Location   
 Access Route   
 Ten Acre Survey Area 

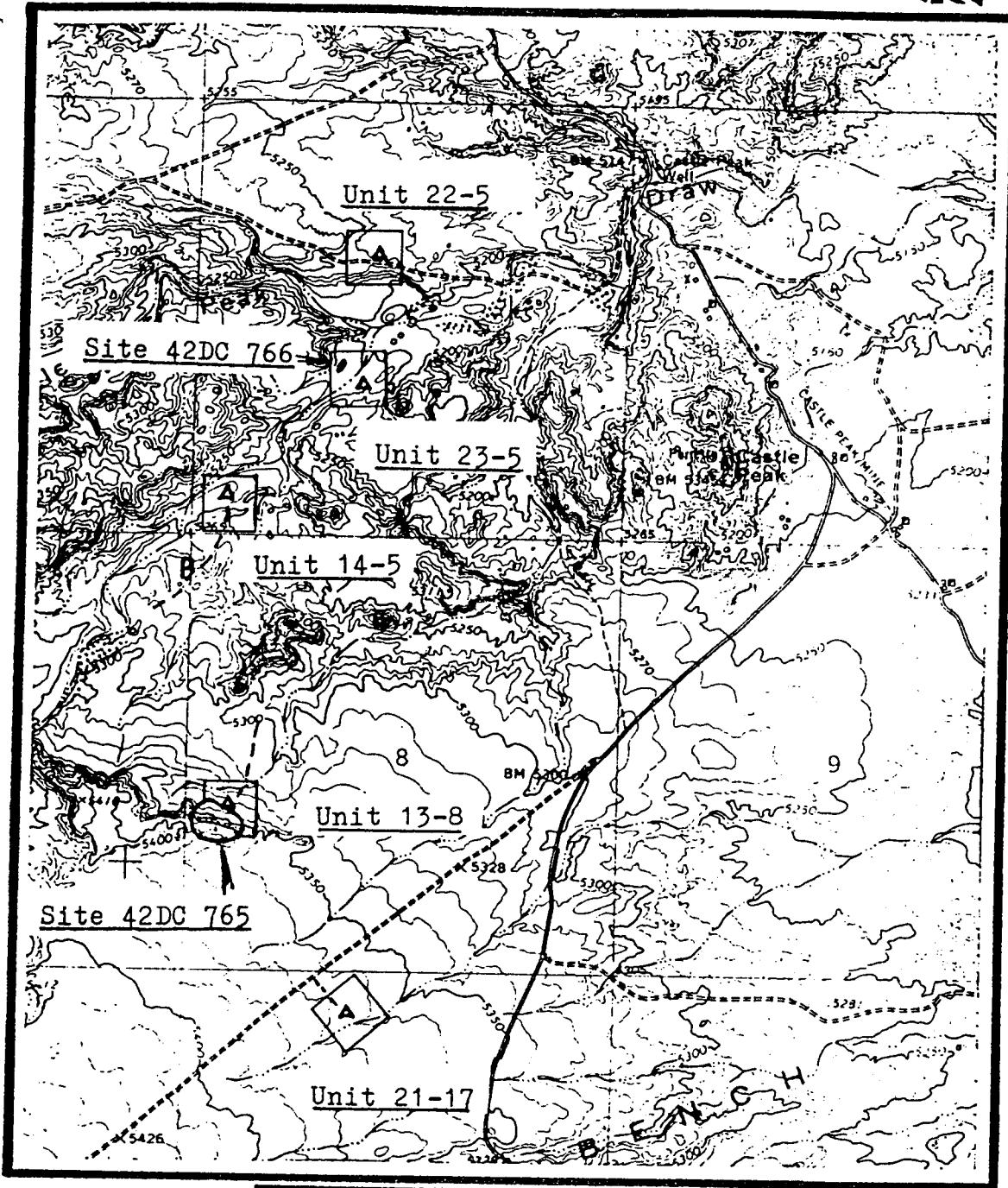


**Project:** BLCR-92-8  
**Series:** Uinta Basin  
**Date:** 11-24-92

**Scale:** 1:24000



AERC

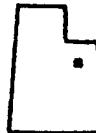


T. 9 South  
 R. 17 East  
 Meridian: SL  
 Quad: Myton SE,  
 Utah

**MAP 2**  
 Cultural Resource Survey  
 of Proposed Well Locations  
 in the Castle Peak Draw  
 Locality of Duchesne Co.

**Legend:**  
 Well Location  $\Delta$   
 Access Route  $\text{---}$   
 Ten Acre Survey Area  $\square$   
 Cultural Site  $\circ$   
 Paleontologically Sensitive Area P

4  
 N  
 Project: BLCR-92-8  
 Series: Uinta Basin  
 Date: 11-24-92  
 Scale: 1:24000



Unit 32-11 is in the SW - NE quarter of Section 11 of that same township and range. An access route extends ca. .25 mile north from the existing road to the location (see Map 1).

Units 22-5, 23-5 and 14-5 are situated in Section 5, Township 9 South, Range 17 East. These three units are respectively situated in the SE - NW, NE - SW, and SW -SW quarters of that section (see Map 1). Units 22-5 and 23-5 are adjacent to the existing roadways. Unit 14-5 is accessible via a ca. .3 mile-long access that begins in the NE - NE of adjacent Section 7 and extends to the northeast to the well location.

Unit 13-8 is located in the NW - SW quarter of Section 8, Township 9 South, Range 17 East (see Map 2). Its .25 mile-long access comes in from an existing roadway to the north of the location.

Unit 21-17 is also located in Township 9 South, Range 17 East. It is situated in the NE - NW quarter of Section 17 (see Map 2). This unit has a short (ca. 500 foot-long) access route which will connect the location with the existing road to the north of the location.

#### Environmental Description:

The project areas range within the 5200 to 5900 foot elevation zone above sea level. Open rangeland terrain surfaces are associated with all locations.

The vegetation in the project area includes *Chrysothamnus spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Artemesia tridentata*, *Atriplex canescens*, and *Bromus tectorum*.

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

Records searches of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City were conducted on September 8, and November 3, 1992. A similar search was conducted in the Vernal District Office of the BLM on November 3, 1992. 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 Castle Peak Draw locality. Most of these prehistoric resources, including 42DC 349, 350, 351, 352, 353, 732, 761, and 763 have been identified and recorded by AERC during previous evaluations (Hauck 1981, 1992a, 1992b, 1992c, 1992d). Additional sites previously recorded in this locality include Sites 42DC 423, 424, and 425 which were documented by Sagebrush (Polk 1982).

### 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 region 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. Open occupations are also known in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle 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., the Fremont Culture, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and principal tributaries.

The majority of known sites in this project area are lithic scatters (42DC 349, 350, 353 and 763). Open occupations such as 42DC 352 are also present. Sites 42DC 351 and 761 are rock shelters. Based on the recovery of a Folsom point and a Desert Side-notch arrow point, a possible Paleoindian component and a more recent Numic component exist on Site 42DC 353. Sites in the project locality generally appear to have been occupied during the Archaic Stage and the Late Prehistoric Period.

Site density in Castle Peak Draw appears to range from six to over ten sites per section. This moderate to high density decreases substantially on the benches.

## FIELD EVALUATIONS

### Methodology

Intensive evaluations consisted of the archaeologist walking 10 to 20 meter-wide transects within each ten acre parcel associated with a well location. In addition, double 15 to 20 meter-wide transects were walked flanking the flagged centerline. Thus, ca. 1.3 miles or 15.75 acres of public lands associated with the five access routes and another 70 acres associated with the seven well locations were examined by Glade Hadden acting under the direction of F. Richard Hauck, the Principal Investigator.

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 significant prehistoric cultural resource activity loci were observed, evaluated and recorded during the archaeological evaluations. These sites have been subsequently listed in the State and BLM files as 42DC 765 and 42DC 766.

Site 42DC 765 consists of a 220 x 150 meter lithic scatter/rock shelter complex that is predominantly associated with the southern edge and slope of an exposed sandstone ledge complex. Detritus spread extends nearly 40 meters south of the ledge and a sparse scatter of detritus exists on the north slope of the ledge within the perimeters of staked unit No. 13-8. This generally dispersed distribution of primarily secondary flakes and core fragments indicates extensive prehistoric activity within the southern portion of this site. The stabilized sand deposits in the site may contain buried features. Sandstone fragments indicate presence of both deflated and buried hearths. Site contains three components: an extensive prehistoric occupation, a historic camp, and a modern sheepherder camp. The historic is primarily defined by the presence of green and purple glass and soldered-top tin cans. Site is in three units. Unit A which measures ca. 120 meters east-west is on the east side of the site and has a southern exposure. Unit A contains the three components, a large lithic scatter, and a shallow rock shelter complex. Unit B is on the western end of the site and contains an exposed ledge complex. It also has a southern exposure. A badly vandalized rock shelter marks the western end of Unit B. Unit B also contains a dispersed lithic scatter and some scattered historic and modern debris. Unit B contains fragments of a mano and metates near the shelter as well as oxidized stone. Unit C is on the north slope of the rock outcrop. The southwest corner of proposed Well No. 13-8 has been staked overlapping into Unit C. Unit C contains several isolated flakes and a collector's pile which is well outside the proposed development zone. Unit C contains low, stabilized dunes which may have potential for containing buried features and occupational surfaces. Because Unit C has a northern exposure, its potential for containing extensive occupational strata and material deposits is relatively low. Temporal and cultural associations for this site are presently unknown; no diagnostic artifacts or exposed features were observed during the survey.

This site is a significant resource. Units A and B particularly have the potential for providing pertinent and valuable information on the prehistory of the region relative to criterion d of Title 36 CFR 60.6. These two units also have excellent

to good research potential. Unit C has marginal significance due to the lack of artifact and feature contexts. Its cultural value is primarily associated to its relationship to the more intensively occupied portions of the site, i.e., Units A and B, which are to the south and above the proposed well location.

Proposed Well 13-8 will overlap into the northeastern portion of Unit C. About five isolated flakes were observed in the development zone. A collector's pile of detritus is also situated in Unit C but is well outside the construction area (ca. 130 meters to the west of the well center). The low stabilized dunes in Unit C may contain buried features and occupational strata but that potential is considered to be relatively low. AERC recommends that the development of the well pad be monitored by a qualified archaeologist in order to identify and properly mitigate any cultural strata, materials, or features that may be exposed during the construction phase. AERC does not recommend any further action relative to Units A and B since both portions of the site are well outside the development area and because previous vandalism has already seriously disturbed the primary rock shelter on the site in Unit B. The shallow shelter areas in Units A and B that may contain intact cultural strata and/or features are not readily discernible by most individuals, hence the potential for secondary impact in Units A and B is considered to be nominal and no further action is advised.

Site 42DC 766 consists of a 20 x 15 meter lithic scatter that is situated on the top of a low, stabilized dune that parallels the drainage channel on the north side of the road and the channel. The site contains a relatively sparse (32 items counted) scatter of secondary flakes which are predominantly Parachute Creek chert. The stabilized sand deposits in the site proper may possibly contain buried features. Temporal and cultural associations for this site are presently unknown; no diagnostic artifacts or exposed features were observed during the survey.

This site is a significant resource and has research potential qualifying under criterion d of Title 36 CFR 60.6.

Site 42DC 766 is situated within the ten acre survey parcel associated with Well Unit No. 23-5 but is not within the potential development zone. This site is not endangered by secondary impact, i.e. vehicle traffic or vandalism, since it is across the drainage channel from the road and the proposed well location and thus not adjacent to the development area. In addition, the site is not readily identifiable to potential collectors or vandals. For these reasons, AERC does not propose any mitigation recommendations relative to Site 42DC 766.

None of the previously recorded cultural sites in this project locality will be adversely affected by the proposed developments.

No isolated diagnostic artifacts were observed or collected during the survey.

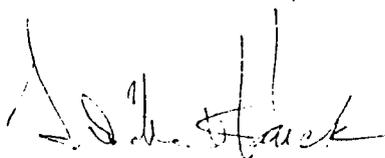
A single paleontologically sensitive locality was identified during this survey. This locality is associated with a partially exposed clay hill adjacent to the access route into Unit 14-5 (see Map 2). This low, clay mound which has the potential for containing intact turtle remains was flagged in red to facilitate avoidance during the road construction phase.

## CONCLUSION AND RECOMMENDATIONS

The development and maintenance of these seven locations will not have any adverse effect on the cultural resources in this locality including Sites 42DC 765 and 42DC 766 as long as the recommendations provided below are followed.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the development of the seven well locations noted above based upon adherence to the following stipulations:

1. The initial development of Unit 13-8 should be monitored by a qualified archaeologist in order to insure the identification, recording, and proper mitigation of any buried cultural deposits, occupational strata, or features which could be adversely impacted during this construction phase.
2. Development of the access route into Unit 14-5 should avoid disturbing the red-flagged clay mound which may contain a sensitive paleontological deposit.
3. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
4. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
5. 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 development areas.



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

## REFERENCES

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 (AERC), 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 (AERC), 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 (AERC), 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 (AERC), 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 (AERC), Bountiful.

Polk, Michael

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

Department of the Interior  
 Bureau of Land Management  
 Utah State Office  
 (AERC FORMAT)

Report Acceptable Yes \_\_\_ No \_\_\_

Mitigation Acceptable Yes \_\_\_ No \_\_\_  
 Comments: \_\_\_\_\_

Summary Report of  
 Inspection for Cultural Resources

Report Title . . . . . C A S T L E P E A K D R A W 7 W E L L U N I T S

Development Company . . . . . BALCRON OIL CO. (14-15, 32-11, 21-17, 14-5, 22-5, 23-5, & 13-8)

Report Date . . . . . 1 1 27 1 9 9 2 . . . . . 4. Antiquities Permit No. UT-92-54937

Responsible Institution . . . . . A E R C B L C R - 9 2 - 8 Duchesne  
 . . . . . County \_\_\_\_\_

Fieldwork

	0 9 S	1 6	1 1	1 5	
<u>Location:</u>	TWN . . . . .	RNG . . . . .	Section. . .   . . .   . . .   . . .		
<u>Resource</u>	0 9 S	1 7	0 5	0 8	1 7
<u>Area</u>	TWN . . . . .	RNG . . . . .	Section. . .   . . .   . . .   . . .		
<u>.D.M.</u>					

Description of Examination Procedures: The archeologist, Glade Hadden, working under the direction of F.R. Hauck intensively examined seven 10 acre well fields and associated access routes by walking a series of 10 to 20 meter-wide transects within the locations and along the flagged access centerlines.

<u>Linear Miles Surveyed</u>	1 . 3	<u>10. Inventory Type</u>	I
and/or			
<u>Definable Acres Surveyed</u>		R = Reconnaissance	
and/or		I = Intensive	
<u>Legally Undefinable Acres Surveyed</u>	8 7 . 7 5	S = Statistical Sample	

Description of Findings: Two cultural resource sites were identified during the survey. Site 42DC 765 is a rock shelter/lithic scatter complex. Site 42DC 766 is a lithic scatter. Both sites are significant resources.

12. Number Sites Found .2. . . . . (No sites = 0)

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

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

Literature Search, Location/ Date: Utah SHPO 9-8-92 & 11-3-92  
 Vernal District Office Records 11-3-92

Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company for these proposed developments based on the following stipulations:

1. The initial development of Unit 13-8 should be monitored by a qualified archaeologist in order to insure the identification, recording, and proper mitigation of any buried cultural deposits, occupational strata, or features which could be adversely impacted during this construction phase.
2. Development of the access route into Unit 14-5 should avoid disturbing the red-flagged clay mound which may contain a sensitive paleontological deposit.
3. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
4. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
5. 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 development areas.

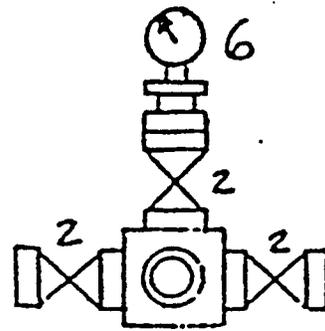
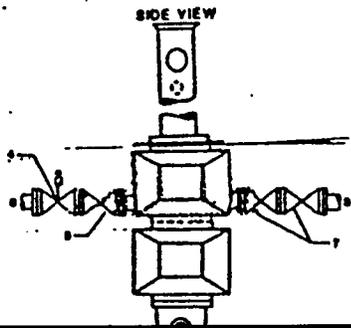
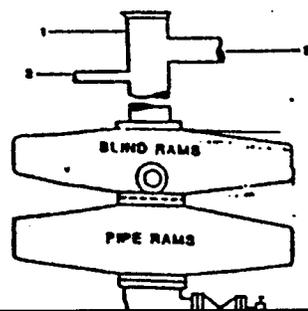
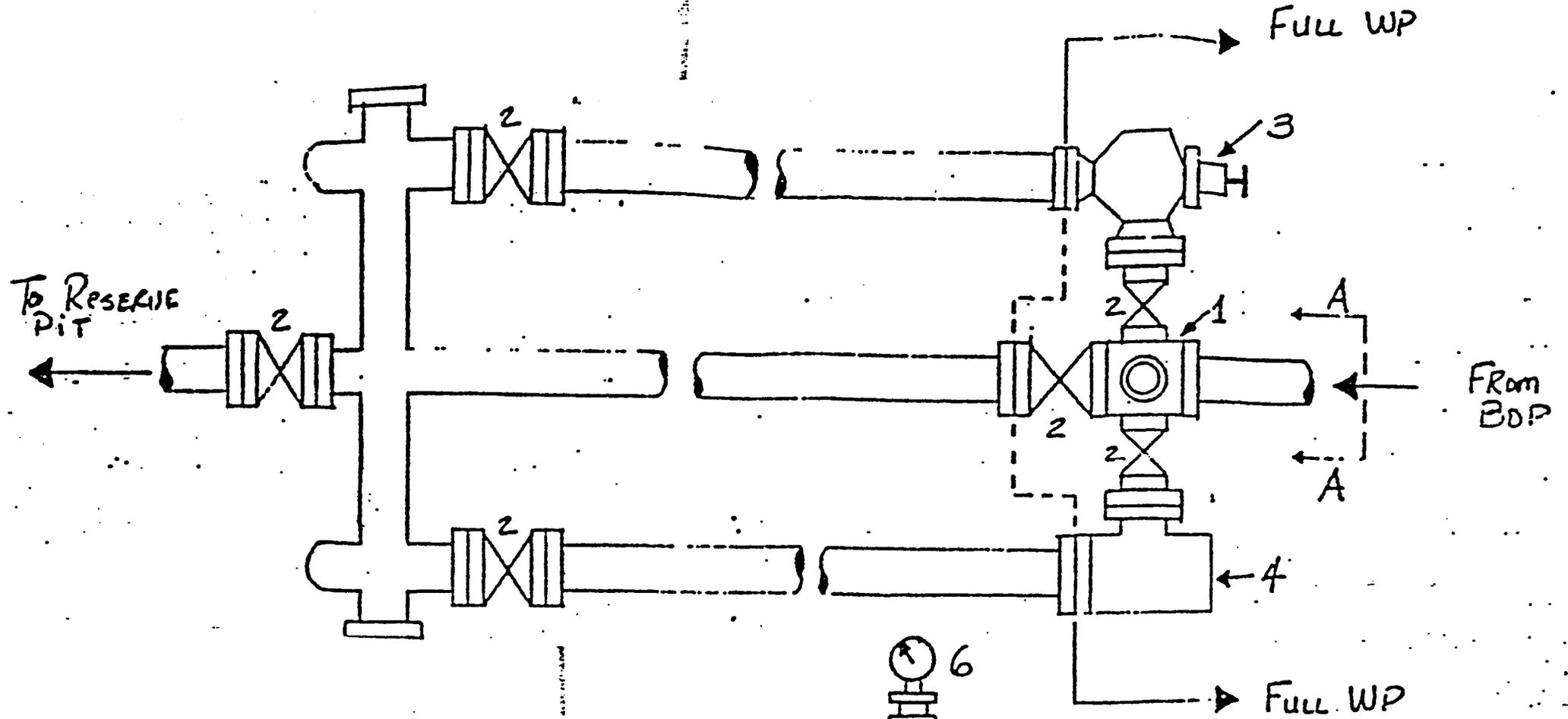
Signature of Administrator  
& Field Supervisor

UT 8100-3 (2/85)

Administrator

Field  
Supervisor

*R. H. Hinkle*  
*R. H. Hinkle*

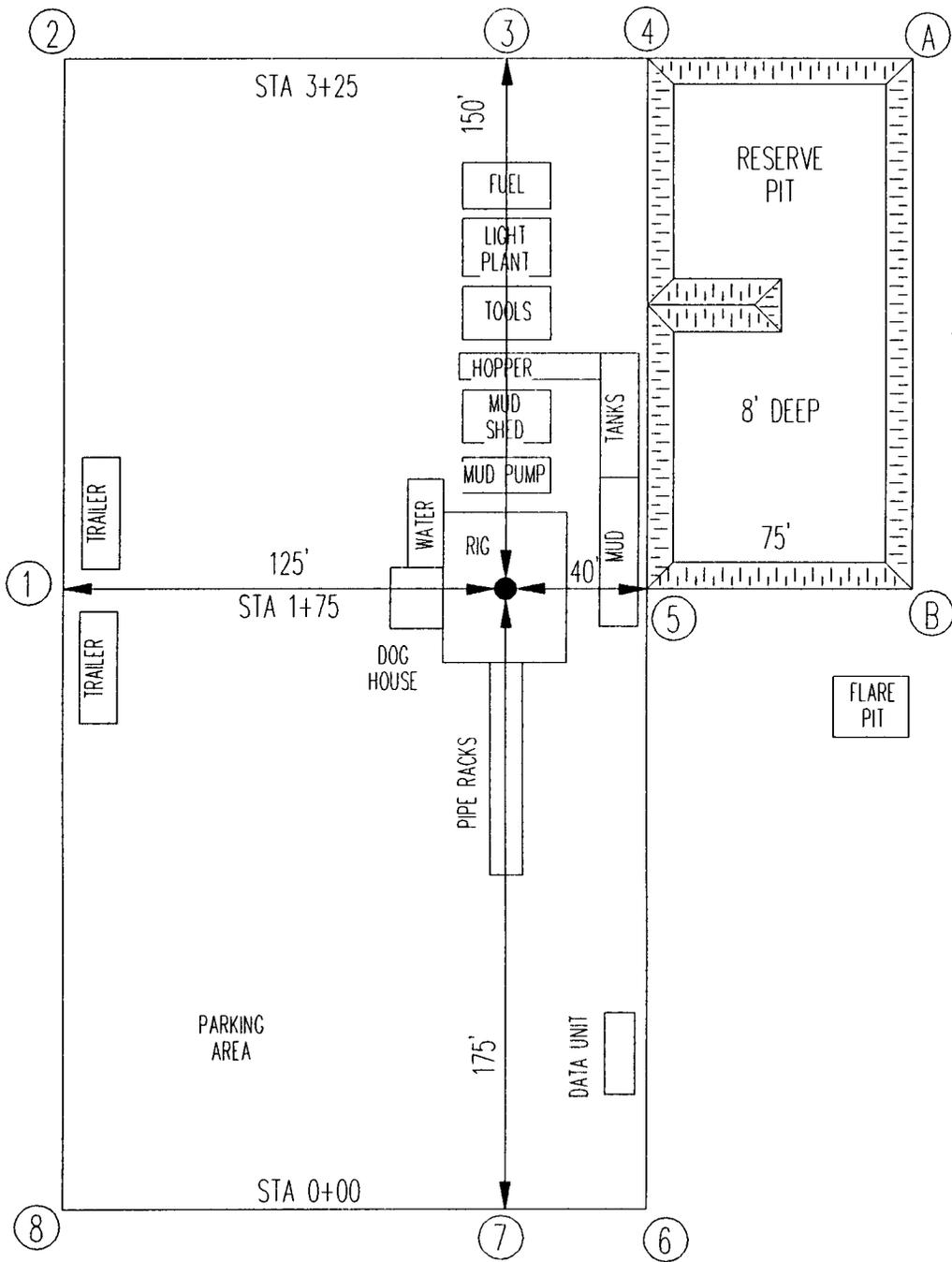


VIEW A-A

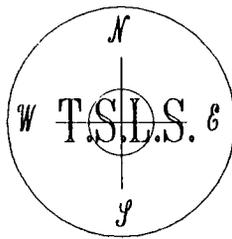
- 1. Cross
- 2. Gate Valve
- 3. Adjustable Choke
- 4. Positive Choke
- 5. Welded Bull Plug, Lead Filled
- 6. 2" - 1000-psi mud pressure gauge

Note: All lines must be securely anchored.

# BALCRON MONUMENT FEDERAL WELL LAYOUT #22-5



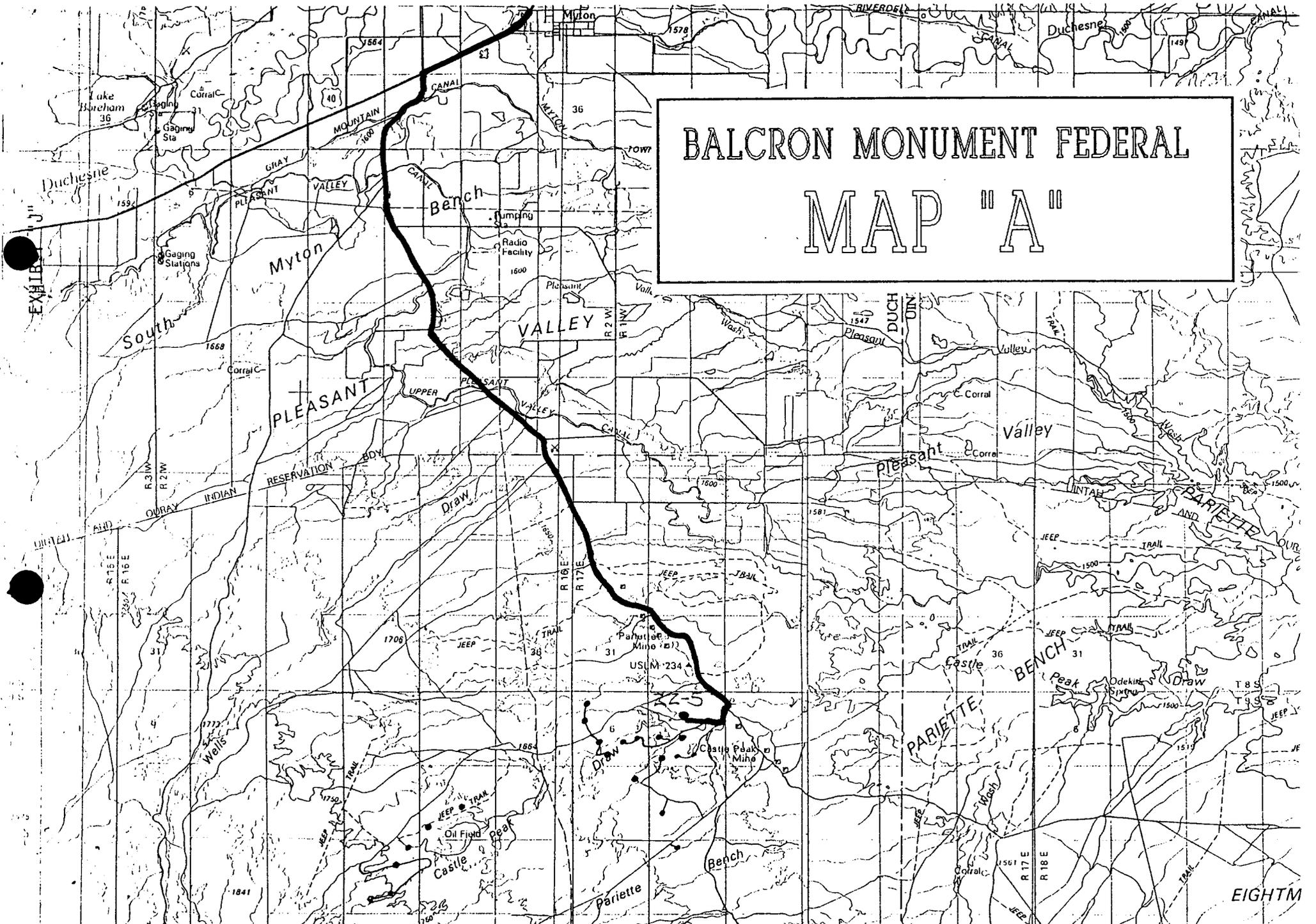
SCALE: 1" = 50'



TRI-STATE LAND SURVEYING  
P.O. BOX 533 VERNAL, UT. 84078  
(801)781-2501

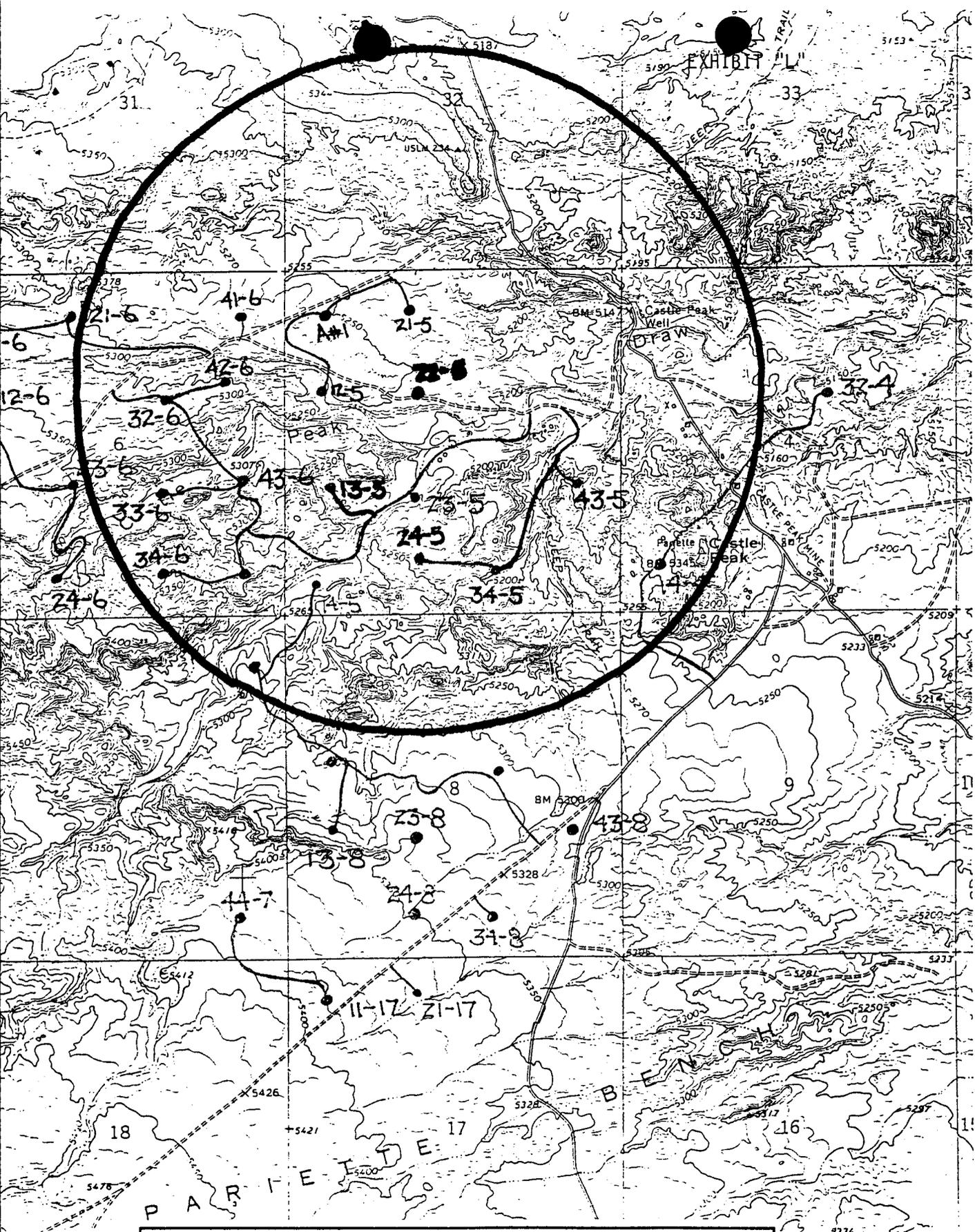
# BALCRON MONUMENT FEDERAL

# MAP "A"



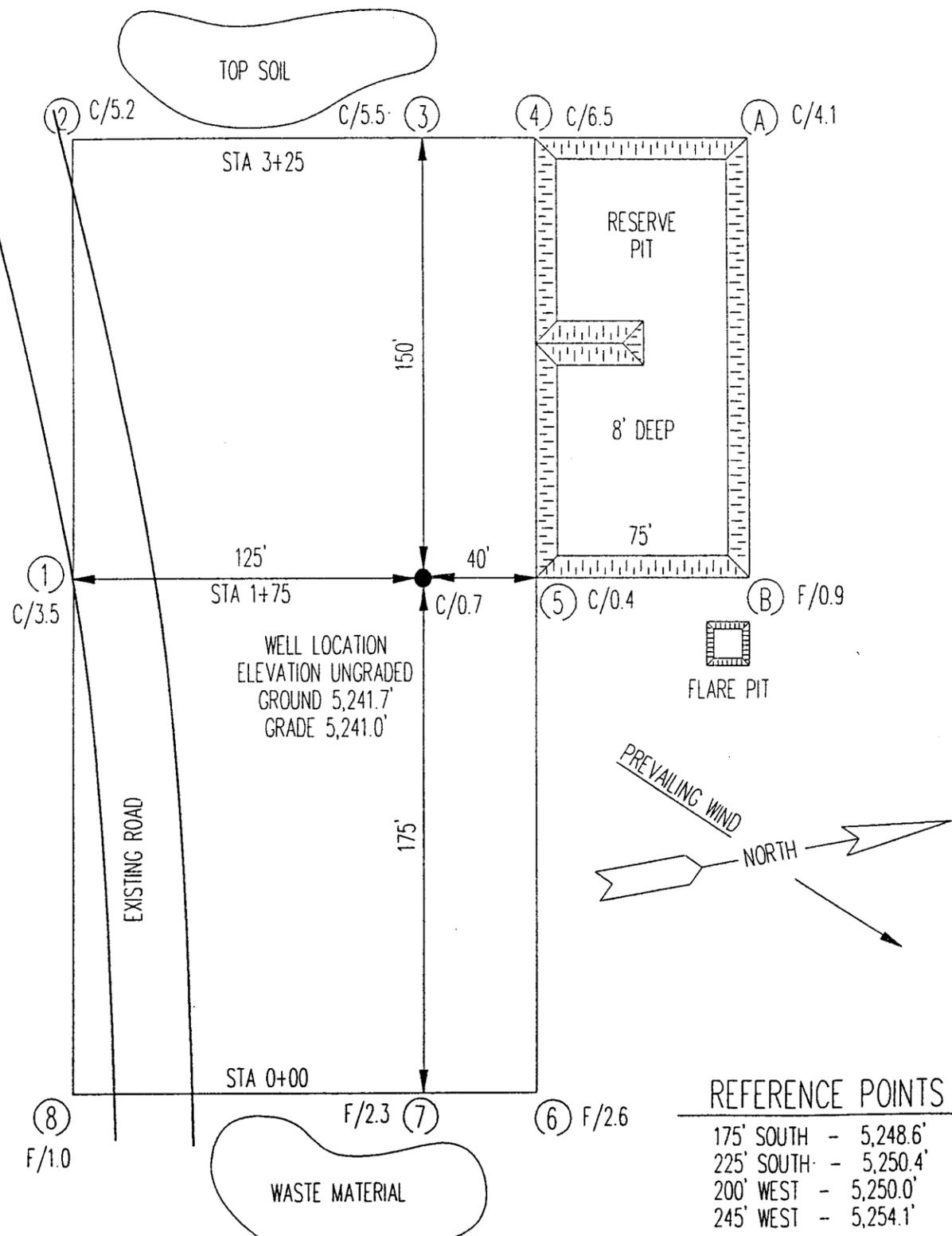


BALCRON MONUMENT FEDERAL  
MAP "B"



BALCRON MONUMENT FEDERAL  
MAP "C"

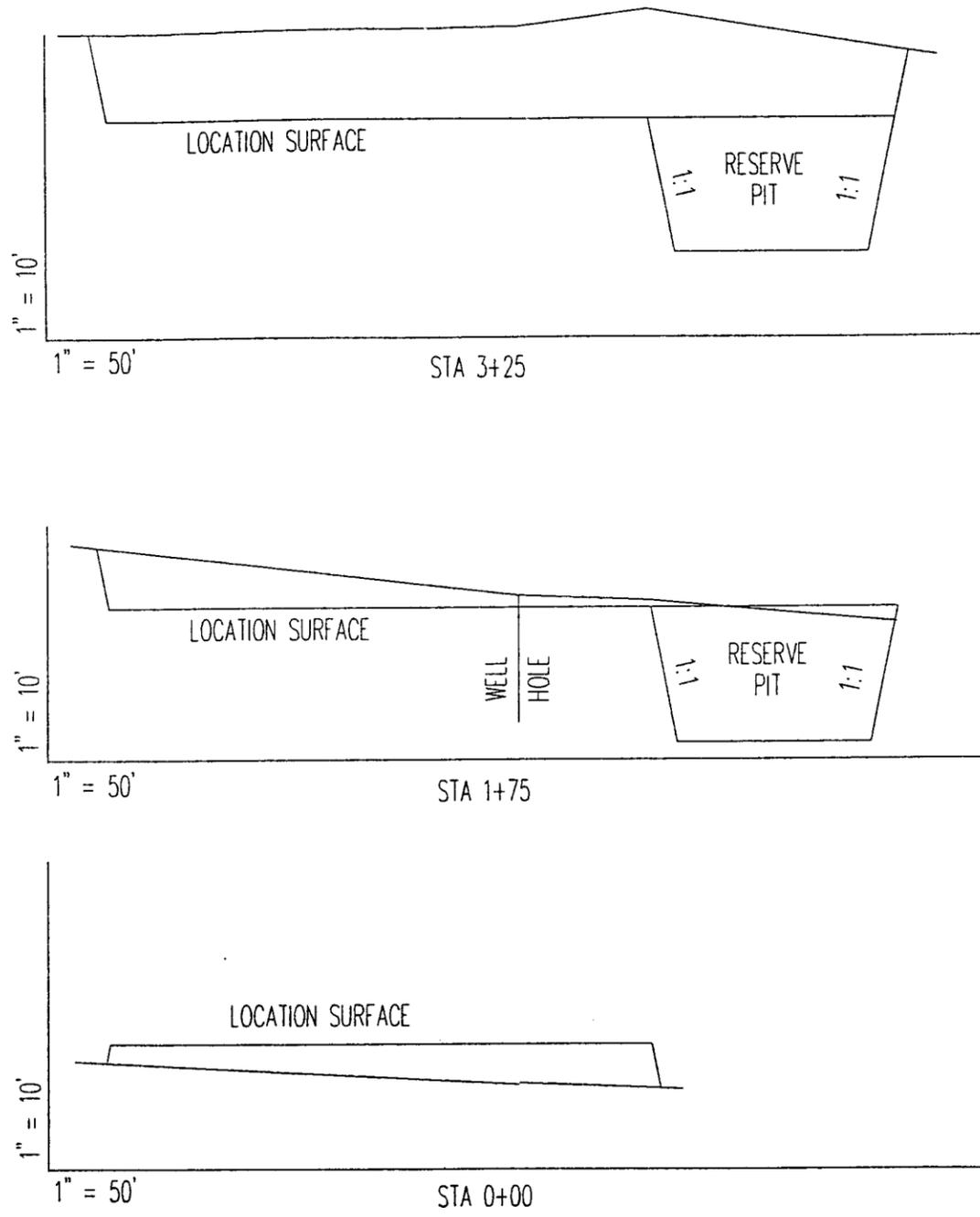
BALCRON MONUMENT FEDERAL  
WELL PLAT #22-5



WELL LOCATION  
ELEVATION UNGRADED  
GROUND 5,241.7'  
GRADE 5,241.0'

REFERENCE POINTS

175' SOUTH	-	5,248.6'
225' SOUTH	-	5,250.4'
200' WEST	-	5,250.0'
245' WEST	-	5,254.1'



APPROXIMATE YARDAGE

CUT	=	5,250.8
FILL	=	854.7
PIT	=	2,977.8

TRI-STATE LAND SURVEYING  
P.O. BOX 533 VERNAL, UT. 84078  
(801)781-2501

**RECEIVED**  
JAN 29 1993  
DIVISION OF  
OIL, GAS & MINING

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 01/29/93

OPERATOR: BALCRON OIL  
WELL NAME: BALCRON MONUMENT FED 22-5

OPERATOR ACCT NO: N- 9890

API NO. ASSIGNED: 43-013-31384

LEASE TYPE: FED LEASE NO: U-000050  
LOCATION: SENW 05 - T09S - R17E DUCHESNE COUNTY  
FIELD: MONUMENT BUTTE FIELD CODE: 105

RECEIVED AND/OR REVIEWED:

- Plat
- Bond  
(Number 1 federal)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit  
(Number no permit #)
- RDCC Review (Y/N)  
(Date: \_\_\_\_\_)

LOCATION AND SITING:

- R649-2-3. Unit: \_\_\_\_\_
- R649-3-2. General.
- R649-3-3. Exception.
- Drilling Unit.
- Board Cause no: \_\_\_\_\_
- Date: \_\_\_\_\_

COMMENTS: Sub add wells within Sec 5.

CONFIDENTIAL  
PERIOD  
EXPIRES  
01-1-94

STIPULATIONS: \_\_\_\_\_

1- water permit  
cc: Duchesne county assessor.



EQUITABLE RESOURCES  
ENERGY COMPANY

BALCRON OIL DIVISION

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

RECEIVED

MAR 31 1993

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

DIVISION OF  
OIL GAS & MINING

March 29, 1993

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

Gentlemen:

RE: Corrections to be Made on Survey Plats

In a review of our records we have discovered some errors in survey plats for four wells in the Monument Butte Field. One of those wells was drilled in 1992 and is on production, APDs for two have been submitted and are waiting on BLM approval, and one has only had an NOS submitted and an onsite conducted.

All of the errors were typographical in nature. In a discussion with the surveyor we used, we have received permission to make the corrections on the survey plats. We have made the corrections in our files and request that you make the corrections on any survey plats in your files for those locations. A list of locations and corrections is attached. Also attached are copies of the survey plats which our surveyor has FAXed to us. Those show the corrected information.

If you have any questions or need to discuss this, please give me a call.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Attachment

cc: State of Utah, Division of Oil, Gas and Mining  
Dave McCoskery  
Gary Kabeary  
Bob Schalla

MONUMENT BUTTE FIELD

Duchesne County, Utah

PLEASE MAKE THE FOLLOWING CORRECTIONS IN THE SURVEY PLATS  
ON FILE FOR THESE LOCATIONS:

Balcron Monument Federal #22-5  
SE NW Section 5, T9S, R17E  
Duchesne County, Utah  
Plat says SW NW and it should be SE NW  
Federal Lease #U020252  
APD pending BLM approval

Balcron Monument Federal #13-8  
NW SW Section 8, T9S, R17E  
Duchesne County, Utah  
Plat says SW SW and it should be NW SW  
Federal Lease #U-007978  
NOS and onsite only

Balcron Federal #13-5  
NW SW Section 5, T9S, R17E  
Duchesne County, Utah  
Plat shows R16E and it should be R17E  
Federal Lease #U020252  
APD pending BLM approval

Balcron Monument Federal #24-5  
SE SW Section 5, T9S, R17E  
Duchesne County, Utah  
Plat shows R16E and it should be R17E  
Federal Lease #U020252  
Drilled in 1992 and is producing

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

3/29/93  
/rs



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)

April 12, 1993

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

Gentlemen:

Re: Balcron Monument Federal 22-5 Well, 1853 feet from the north line, 1979 feet from the west line, SE 1/4 NW 1/4, Section 5, Township 9 South, Range 17 East, Duchesne County, Utah

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. 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. Submittal to the division of evidence providing assurance of an adequate and approved supply of water as required by Utah Code Ann. § 73-3, Appropriations, prior to commencing drilling operations.
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
3. Notification within 24 hours after drilling operations commence.
4. 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.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.



Page 2  
Equitable Resources Energy Company  
Balcron Monument Federal 22-5 Well  
April 12, 1993

6. 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 R.J. Firth, Associate Director, (Home) (801)571-6068.
7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

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 43-013-31384.

Sincerely,



R.J. Firth  
Associate Director, Oil and Gas

ldc  
Enclosures  
cc: Bureau of Land Management  
Duchesne County Assessor  
J.L. Thompson  
WO11



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

April 22, 1993

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

Gentlemen:

As you requested, attached is a copy of Water User Claim #43-9974 which is for a water source on Owen Dale Anderson's property. We intend to purchase water from Dalbo for drilling the wells on the attached list. Dalbo has indicated that they will use Mr. Anderson's water as their source.

We have not yet received approval of our APD for the following well:

Balcron Monument Federal #21-17  
NE NW Section 17, T9S, R17E  
Duchesne County, Utah  
500' FNL, 1980' FWL GL 5369.3'  
PTD: 5,700' Green River  
FLS #U-3563-A

If there is a problem or you need additional information in order to approve that APD, please let me know. We will be using the same source of water when drilling this well.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Attachments

RECEIVED

APR 26 1993

DIVISION OF  
OIL GAS & MINING

MONUMENT BUTTE DRILLING PROGRAM

---

Balcron Monument Federal #14-5  
SW SW Section 5, T9S, R17E  
Duchesne County, Utah  
566' FSL, 517' FWL  
PTD: 5,700' Green River GL 5238.7'  
FLS #U017985

Balcron Monument Federal #22-5  
SE NW Section 5, T9S, R17E  
Duchesne County, Utah  
1853.4' FNL, 1979.5' FWL GL 5241.7'  
PTD: 5,700' Green River  
FLS #U020252

43-013-31384

Balcron Monument Federal #23-5  
NE SW Section 5, T9S, R17E  
Duchesne County, Utah  
1815.8 FSL, 2056.9' FWL GL 5209.7'  
PTD: 5,700' Green River  
FLS #U020252

Balcron Monument Federal #13-8  
NW SW Section 8, T9S, R17E  
Duchesne County, Utah  
2060.2' FSL, 693.5' FWL GL 5323.4'  
PTD: 5,700' Green River  
FLS #U-007978

Balcron Monument Federal #32-11  
SW NE Section 11, T9S, R16E  
Duchesne County, Utah  
2059.1' FNL, 1763.5' FEL GL 5578.7'  
PTD: 5,700' Green River  
FLS #U-096550

Balcron Monument Federal #14-15  
SW SW Section 15, T9S, R16E  
Duchesne County, Utah  
771.5' FSL, 543.3' FWL GL 5843.4'  
PTD: 5,700' Green River  
FLS #U-27346

1/27/93  
/rs

# APPLICATION FOR PERMANENT CHANGE OF WATER

STATE OF UTAH

RECEIVED

APR 17 1987

Rec. by DL  
Fee Paid \$ 15.00  
Receipt # 22150

WATER RIGHTS  
SALT LAKE  
Microfilmed

Roll # \_\_\_\_\_

For the purpose of obtaining permission to make a permanent change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

\*WATER USER CLAIM NO. 43-9974 \*APPLICATION NO. a-14289

Changes are proposed in (check those applicable)

\_\_\_\_\_ point of diversion. \_\_\_\_\_ point of return.  
 place of use.  nature of use.

1. OWNER INFORMATION

Name: Owen Dale Anderson \*Interest: \_\_\_\_\_%  
Address: Po Box 1162 Vernal UT 84078

2. \*PRIORITY OF CHANGE: \_\_\_\_\_ \*FILING DATE: \_\_\_\_\_

\*Is this change amendatory? (Yes/No): \_\_\_\_\_

3. RIGHT EVIDENCED BY: 43-3525

Prior Approved Change Applications for this right: 83-43-21 84-43-73 6/4099

\*\*\*\*\* HERETOFORE \*\*\*\*\*

4. QUANTITY OF WATER: 0.5 cfs and/or \_\_\_\_\_ ac-ft.

5. SOURCE: U.G.W (well)

6. COUNTY: Duchesne

7. POINT(S) OF DIVERSION: South 1167 ft East 340 ft from N 1/4 Corner Section 27 T1S, R2W, USB+M

Description of Diverting Works: \_\_\_\_\_

8. POINT(S) OF REDIVERSION

The water will be rediverted from \_\_\_\_\_ at a point: \_\_\_\_\_

Description of Diverting Works: \_\_\_\_\_

9. POINT(S) OF RETURN

The amount of water consumed is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.

The amount of water returned is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft.

The water will be returned to the natural stream/source at a point(s): \_\_\_\_\_

10. NATURE AND PERIOD OF USE

Stockwatering: From Jan 1 to Dec 31  
 Domestic: From \_\_\_\_\_ to \_\_\_\_\_  
 Municipal: From \_\_\_\_\_ to \_\_\_\_\_  
 Mining: From \_\_\_\_\_ to \_\_\_\_\_  
 Power: From \_\_\_\_\_ to \_\_\_\_\_  
 Other: From Jan 1 to Dec 31  
 Irrigation: From April 1 to Oct 31

11. PURPOSE AND EXTENT OF USE

Stockwatering (number and kind): 250 Livestock Units  
 Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons.  
 Municipal (name): \_\_\_\_\_  
 Mining: \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine.  
 Ores mined: \_\_\_\_\_  
 Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
 Other (describe): drilling & completion of oil field locations Fish Culture  
 Irrigation: 55.7 acres. Sole supply of \_\_\_\_\_ acres

12. PLACE OF USE

Legal description of areas of use other than irrigation by 40 acre tract: n/a

13. STORAGE

Reservoir Name: Unnamed Storage Period: from 11-1 to 3-31  
 Capacity: 4.0 ac-ft. Inundated Area: \_\_\_\_\_ acres  
 Height of dam: \_\_\_\_\_ feet  
 Legal description of inundated area by 40 tract: NW NE Sec 27, T15 R2W 25B & M

\*\*\*\*\* THE FOLLOWING CHANGES ARE PROPOSED \*\*\*\*\*

14. QUANTITY OF WATER: \_\_\_\_\_ cfs and/or 20.0 ac-ft  
 15. SOURCE: UGW Remaining Water: same  
 16. COUNTY: Duchesne  
 17. POINT(S) OF DIVERSION: same

Description of Diverting Works: \_\_\_\_\_

18. POINT(S) OF REDIVERSION

The water will be rediverted from \_\_\_\_\_ at a point: \_\_\_\_\_

Description of Diverting Works: \_\_\_\_\_

19. POINT(S) OF RETURN

The amount of water consumed is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft

The amount of water returned is \_\_\_\_\_ cfs or \_\_\_\_\_ ac-ft

The water will be returned to the natural stream/source at a point(s): \_\_\_\_\_

20. NATURE AND PERIOD OF USE

Stockwatering: From \_\_\_\_\_ to \_\_\_\_\_

Domestic: From \_\_\_\_\_ to \_\_\_\_\_

Municipal: From \_\_\_\_\_ to \_\_\_\_\_

Mining: From \_\_\_\_\_ to \_\_\_\_\_

Power: From \_\_\_\_\_ to \_\_\_\_\_

Other: From Jan 1 to Dec 31

Irrigation: From \_\_\_\_\_ to \_\_\_\_\_

21. PURPOSE AND EXTENT OF USE

Stockwatering (number and kind): \_\_\_\_\_

Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons

Municipal (name): \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine

Mining: \_\_\_\_\_ Ores mined: \_\_\_\_\_

Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_

Other (describe): drilling and completion of oil wells

Irrigation: \_\_\_\_\_ acres. Sole supply of \_\_\_\_\_

22. PLACE OF USE

Legal description of areas of use by 40 acre tract: \_\_\_\_\_

Other: hauled to locations by water trucks as needed

23. STORAGE

Reservoir Name: \_\_\_\_\_ Storage Period: from \_\_\_\_\_ to \_\_\_\_\_

Capacity: \_\_\_\_\_ ac-ft. Inundated Area: \_\_\_\_\_ acres

Height of dam: \_\_\_\_\_ feet

Legal description of inundated area by 40 tract: \_\_\_\_\_

24. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. Include any supplemental water rights used for the same purpose. (Use additional pages of same size if necessary): \_\_\_\_\_

Change is for oilfield drilling and exploration.  
Approximately 4 acre ft/acre will be taken from  
irrigation purposes and used for oilfield purposes  
Acres to be irrigated will change from 55.7 to 50 acres  
50.7 "x"

\*\*\*\*\*

The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

*Quinn Dale Anderson*  
Signature of Applicant(s)



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**BALCRON OIL DIVISION**

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

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

August 3, 1993

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

Enclosed are paleontology Reports for the following wells:

Balcron Federal #21-13Y  
NE NW Section 13, T9S, R16E  
Duchesne County, Utah

Balcron Monument Federal #22-5 42-013-31284  
SE NW Section 5, T9S, R17E  
Duchesne County, Utah

If you have any questions, please feel free to give me a call.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

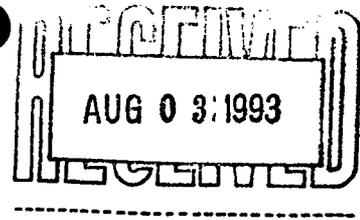
Enclosures

cc: Utah Division of Oil, Gas and Mining

**RECEIVED**

AUG 05 1993

DIVISION OF  
OIL GAS & MINING



BALCRON OIL

Balcron Monument Federal #22-5

SE NW Section 5, T9S, R17E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

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

JULY 29, 1993

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT BUTTE FEDERAL #22-5

Description of Geology and Topography-

This location is on the bench about 1/6 mile northeast of Castle Peak Draw, 10 miles south and 1 mile east of Myton, Utah. There is a 20 foot rise in elevation on the west side and gentle slope to the east. The area is about 50 feet above the floor of Castle Peak Draw.

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.

Ground cover in the immediate area of the proposed wellpad is sand, silt, and clay with a scattering of dark brown eroded rock fragments over the surface. This material was derived from weathering Uinta Formation.

Paleontological material found -

There is no access road. The wellpad sits next to an existing road.

About a half dozen weathered white colored turtle shell fragments were found at the west end of the pit area. This location has been trampled considerably by sheep in the past. This activity has probably helped scatter the fossil material from its original location. While it is important to note this location, it is probably not feasible to try to salvage this particular fossil material. No other fossil material was found at the wellpad.

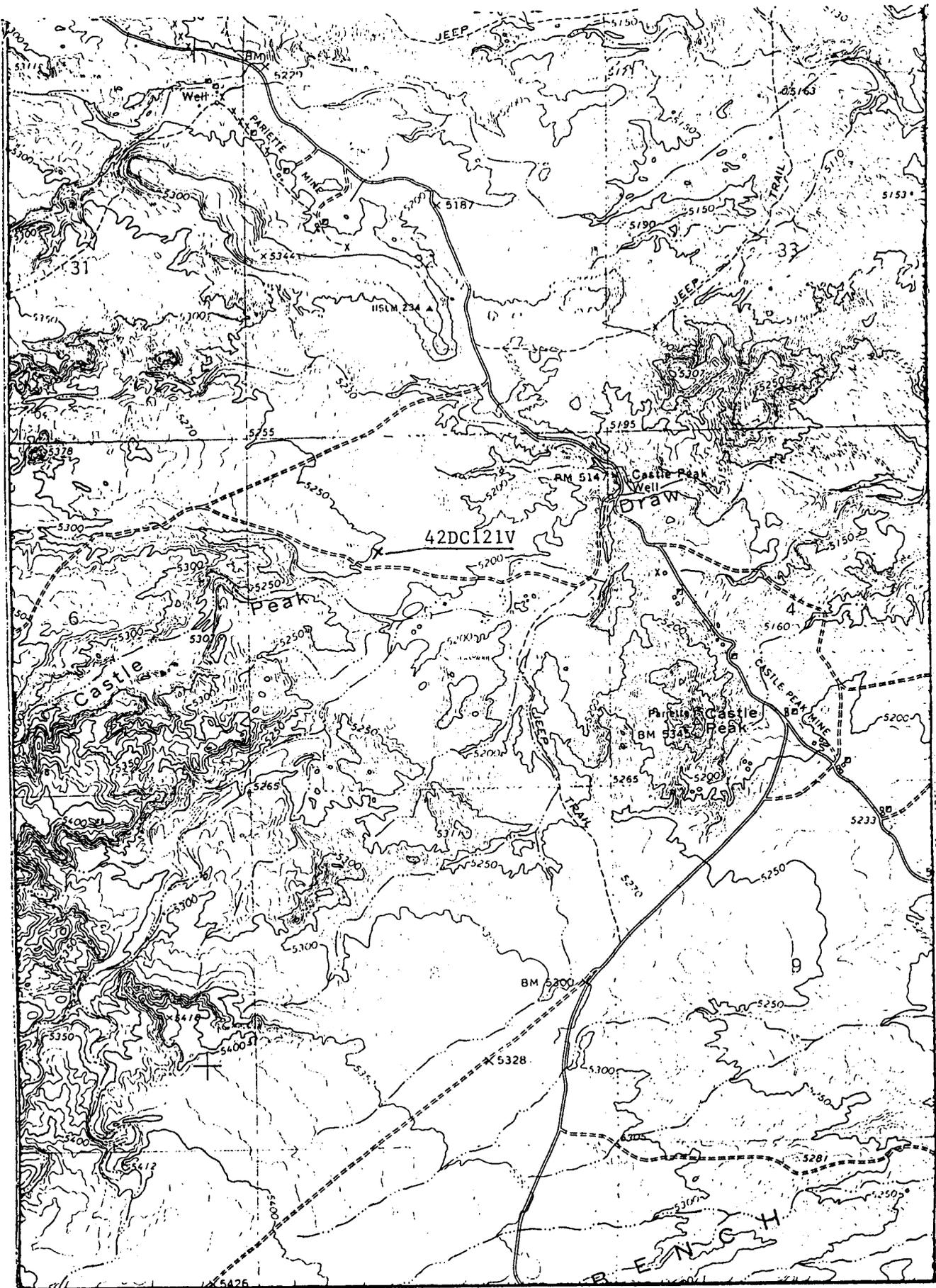
Recommendations-

There is some possibility that additional fossil material will be encountered during road construction. It is not felt that this is critical enough to warrant monitoring. However, if significant looking fossil material such as mammal bones are found, they should be evaluated by a paleontologist.

Alvin H. Hamblin  
Paleontologist

Date July 29, 1993

<b>PALEONTOLOGY LOCALITY</b> <b>Data Sheet</b>		Page 1 of 1 plus map																	
		State Local. No. 42 DC 121V																	
		Agency No.																	
		Temp. No BALCRON MONUMENT BUTTE FEDERAL #22-5																	
1. Type of locality Invertebrate		Plant		Vertebrate		X		Trace		Other _____									
2. Formation: UINTA				Horizon: "B"				Geologic Age: Late Eocene											
<b>3. Description of Geology and Topography:</b> This location is on the bench about 1/6 mile northeast of Castle Peak Draw, 10 miles south and 1 mile east of Myton, Utah. There is a 20 foot rise in elevation on the west side and gentle slope to the east. The area is about 50 feet above the floor of Castle Peak Draw. 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. Ground cover in the immediate area of the proposed wellpad is sand, silt, and clay with a scattering of dark brown eroded rock fragments over the surface. This material was derived from weathering Uinta Formation.																			
<b>4. Location of Outcrop:</b> This location is 1/6 mile northeast of Castle Peak Draw, 10 miles south and 1 mile east of Myton, Utah.																			
5. Map Ref.		USGS Quad		Myton SE, Utah				Scale		7.5 Min		Edition		1964					
SE		of		NW1/4		of		SE1/4		of Sectn		5		T 9 S R 17E Meridn SLB					
6. State: UTAH			County: DUCHESNE COUNTY				BLM/FS District: VERNAL- DIAMOND MT.												
7. Specimens Collected and Field Accession No. NONE																			
8. Repository:																			
<b>9. Specimens Observed and Disposition:</b> About a half dozen weathered white colored turtle shell fragments were found at the west end of the pit area. This location has been trampled considerably by sheep in the past. This activity has probably helped scatter the fossil material from its original location. While it is important to note this location, it is probably not feasible to try to salvage this particular fossil material. No other fossil material was found at the wellpad.																			
10. Owner:		Private		State		BLM		X		US FS		NPS		IND		MIL		OTHR	
<b>11. Recommendations for Further Work or Mitigation:</b> There is some possibility that additional fossil material will be encountered during road construction. It is not felt that this is critical enough to warrant monitoring. However, if significant looking fossil material such as mammal bones are found, they should be evaluated by a paleontologist.																			
12. Type of Map Made by Recorder:																			
13. Disposition of Photo Negatives:																			
<b>14. Published References:</b> 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: July 24, 1993													



42DC121V

SE, NW, SE, Sec 5, T9S, R17E, Myton SE, Utah Quad.  
Balcron Oil Monument Fed #22-5

ISOLATED FIND RECORD						BLM/FS DISTRICT: Vernal, Utah/Diamond Mt.													
						PROJECT: Balcron Oil Monument Butte Fed. #22-5													
Map Ref.		USGS Quad		Myton SE, Utah		Scale		7.5 Min		Edition 1964									
Center	of	SE1/4	of	NW1/4	of Sectn	5	T	9S	R	17E	Meridn. SLB								
State: UTAH				County: UINTAH															
<u>ARCHAEOLOGICAL DATA</u>																			
Artifacts: ?										JUL 25 1993									
Inferred function/description: Flat rock of the type in the immediate area, which has had one side flaked to an edge.										DIVISION OF OIL GAS & MINING									
Cultural affiliation: Fremont ?						Time period: ?													
IF Dimensions:																			
<u>ENVIRONMENTAL DATA</u>																			
Elevation: 5240 ft				m				Slope:				Aspect:							
Topography: This location is on the bench about 1/6 mile northeast of Castle Peak Draw, 10 miles south and 1 mile east of Myton, Utah. There is a 20 foot rise in elevation on the west side and gentle slope to the east. The area is about 50 feet above the floor of Castle Peak Draw.																			
Vegetation community:																			
Nearest water: During spring runoff or when rainy, Castle Peak Draw.																			
Distance - 1/6 mile						Direction - south													
Nearest permanent water: Duchesne River ?																			
Distance - 12 miles						Direction - north													
Other:																			
Surface Collection <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (if yes, attach list)																			
Methodology:																			
Photo <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
File location:																			
Remarks: Located approximately 42 yards south 50 degrees of center stake.																			
10.Owner:		Private		State		BLM		X		US FS		NPS		IND		MIL		OTHR	
Recorded by: Alden H. Hamblin						Date: July 24, 1993													

ATTACH A PHOTOCOPY OF USGS QUAD MAP SHOWING SITE OR ISOLATED FIND CLEARLY



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 **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  
 1853.4' FNL 1979.5' FWL  
 At proposed prod. zone  
 43-013-31384

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 16.2 miles SW of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 16. NO. OF ACRES IN LEASE  
 17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40 acres

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 19. PROPOSED DEPTH  
 5,800'  
 20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GL 5241.7'  
 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 EXHIBIT "D"	for details			

EXHIBITS ATTACHED

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

**RECEIVED**  
 DIVISION OF OIL, GAS & MINING  
 JAN 29 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 Jan. 27, 1993  
 (This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] TITLE Acting ASSISTANT DISTRICT MANAGER MINERALS DATE JUL 20 1993  
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

API Number: 43-013-31384

Well Name & Number: Balcron Monument Federal 22-5

Lease Number: U-020252

Location: SENW Sec. 5 T. 9S R. 17E

Surface Ownership: Federal Lands administered by BLM

Date NOS Received: October 1, 1992

Date APD Received: January 29, 1993

**NOTIFICATION REQUIREMENTS**

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

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

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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.

### 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 top of the Mahogany oil shale, identified at  $\pm 2,898$  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  $\pm 2,698$  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 onlease 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, spent 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 OPERATION**  
Conditions of Approval (COAs)

Methods for Handling Waste Disposal

If a plastic reinforced liner is used, it 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. More stringent protective requirements may be deemed necessary by the AO.

Additional Surface Conditions of Approval

The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization.

Fall seeding is preferred and will be done after September 15 and before the ground freezes. Spring seeding will be done prior to April 15.

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

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

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

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

The requested emergency pit is hereby approved under NTL-2B, Section VI, subject to the following Conditions of Approval:

1. If emergency use occurs, the emergency pit shall be emptied and the liquids disposed of in accordance with applicable State and/or Federal regulations within 48 hours following its use, unless such time is extended by the authorized officer.
2. As much as practicable, the emergency pit shall be located on level ground, and away from drainage patterns and unstable ground.

3. 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 drilling the 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.
4. Produced water drain lines shall not go to the emergency pit.
5. The pit shall be bermed or otherwise constructed and maintained to prevent entrance of surface water.
6. Turn downs shall be put on the ends of pipes to direct fluids downward instead of against the wall of the pit.
7. The pit shall be kept free of trash.

Balcron shall contact a Utah BLM certified Paleontologist to survey the location and access road prior to surface disturbance to determine the presence of paleontologist resources.

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

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

N9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11511	43-013-31384	Balcron Monument Federal #22-5	SE NW	5	9S	17E	Duchesne	8/16/93	8/16/93

ELL 1 COMMENTS:

Spud of new well. Entity added 8-18-93. See

2 COMMENTS:

ELL 3 COMMENTS:

ELL 4 COMMENTS:

ELL 5 COMMENTS:

AUG 18 1993

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)

DIVISION OF OIL, GAS & MINING

Date: August 16, 1993

*Bobbie Schuman*  
 Signature  
 Coordinator of Environmental  
 and Regulatory Affairs  
 Title Date

Phone No. (406) 259-7860

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



**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 [X]

August 16, 1993

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

Gentlemen:

RE: Balcron Monument Federal #22-5  
SE NW Section 5, T9S, R17E  
Duchesne County, Utah

Enclosed is our Entity Action form along with a copy of the Federal sundry notice of spud of the referenced well.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Enclosures

RECEIVED

AUG 18 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-020252

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

~~XXX~~ Jonah Unit

8. Well Name and No.

Balcron Monument Federal #22-5

9. API Well No.

43-013-31384

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

**CONFIDENTIAL**

Type of Well

Oil Well  Gas Well  Other

Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY Balcron Oil Division

Address and Telephone No.

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

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

SE NW Section 5, T9S, R17E  
1853' FNL, 1979' FWL

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

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

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

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

This well was spud at 10 a.m. 8/16/93 by Leon Ross Drilling (dry hole spud).

**RECEIVED**

AUG 18 1993

DIVISION OF  
OIL, GAS & MINING

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

Signed Sobbie Schuman

Coordinator of Environmental  
and Regulatory Affairs

Date August 16, 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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES ENERGY 43-013-31384

WELL NAME: MONUMENT FEDERAL 22-5

Section 5 Township 9S Range 17E County DUCHESNE

Drilling Contractor MOLIN

Rig # 1

SPUDDED: Date 8/31/93

Time \_\_\_\_\_

How ROTARY

Drilling will commence \_\_\_\_\_

Reported by AL PLUNKETT

Telephone # 1-823-6759

Date 9/2/93 SIGNED JLT

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-5

Location: SE NW Section 5, T9S, R17E  
Duchesne County, Utah

---TIGHT HOLE---

1853' FNL 1979' FWL

PTD: 5,850' Formation: Green River

Prospect: Jonah Unit, Monument Butte Field

Elevations:

Contractor: Molen Drilling Rig #1

Operator: Balcron/EREC

Spud: 8/16/93

Casing:

8-9-93 Start building location.

8-10-93 Work on location.

8-11-93 Work on location.

8-12-93 Finish location.

8-16-93 Move Leon Ross Air Drilling on & drill 12-1/4" hole to 265'. Pull drill stem out of hole. SPUD 10:00 AM 8-16-93.

DC: \$20,604

CC: \$20,604

8-17-93 Run 6 jts 8-5/8" casing & cement with Dowell. Plug down 12:30 PM 8-17-93. Casing detail & cement. Hole was 260' instead of 265'.

One 8-5/8" guide shoe	.70'
1 jt, 8-5/8" 24 shot jt	44.80'
Insert float	--
5 jts 8-5/8" 24# casing	<u>220.00'</u>
	265.50'

Set at Molen rig KB 273'. Dowell cemented with 150 sxs Class "G" cement with 2% CCL & 1/4# per sx Celoflake. Good returns. 5 bbls cement back.

DC: \$5,301

CC: \$25,905

9-1-93 TD: 492' (227') Day 1  
MW 8.3 VIS 27 No mud check

Formation: Uinta

Present Operation: Drilling.

Move rig & rig up. NU BOP. Test BOP & manifold to 2000#. - OK. Test casing to 1500# - OK. Pick up DC's & magnet & fish 1/2 Union & valve out of surface pipe.

Drill cement, survey, drill.

DC: \$3,674

CC: \$29,579

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-5

Location: SE NW Section 5, T9S, R17E  
Duchesne County, Utah

---TIGHT HOLE---

9-2-93 TD: 1,706' (1,214') Day 2  
MW 8.4 VIS 26 pH 9.5  
Formation: Green River  
Present Operation: Drill, survey, clean & paint.  
DC: \$17,574 CC: \$47,153

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-5

Location: SE NW Section 5, T9S, R17E  
Duchesne County, Utah

---TIGHT HOLE---

9-2-93 TD: 1,706' (1,214') Day 2  
MW 8.4 VIS 26 pH 9.5  
Formation: Green River  
Present Operation: Drill, survey, clean & paint.  
DC: \$17,574 CC: \$47,153

9-3-93 TD: 2,821' (1,115') Day 3  
MW 8.4 VIS 27 pH 9.5  
Formation: Green River  
Present Operation: Drilling.  
Drill, survey, clean & paint.  
DC: \$13,739 CC: \$60,892

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-5

Location: SE NW Section 5, T9S, R17E  
Duchesne County, Utah

---TIGHT HOLE---

9-2-93 TD: 1,706' (1,214') Day 2  
MW 8.4 VIS 26 pH 9.5  
Formation: Green River  
Present Operation: Drill, survey, clean & paint.  
DC: \$17,574 CC: \$47,153

9-3-93 TD: 2,821' (1,115') Day 3  
MW 8.4 VIS 27 pH 9.5  
Formation: Green River  
Present Operation: Drilling.  
Drill, survey, clean & paint.  
DC: \$13,739 CC: \$60,892

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-5

Location: SE NW Section 5, T9S, R17E  
Duchesne County, Utah

---TIGHT HOLE---

9-2-93 TD: 1,706' (1,214') Day 2  
MW 8.4 VIS 26 pH 9.5  
Formation: Green River  
Present Operation: Drill, survey, clean & paint.  
DC: \$17,574 CC: \$47,153

9-3-93 TD: 2,821' (1,115') Day 3  
MW 8.4 VIS 27 pH 9.5  
Formation: Green River  
Present Operation: Drilling.  
Drill, survey, clean & paint.  
DC: \$13,739 CC: \$60,892

9-4-93 TD: 3,528' (707') Day 4  
Formation: Green River  
MW 8.4 VIS 26 pH 10.5  
Present Operation: Drilling  
Drill, survey, clean & paint. Over to drilling nipple  
gas @ 2800 for a few minutes.  
DC: \$10,079 CC: \$70,971

9-5-93 TD: 4,132' (604') Day 5  
Formation: Green River  
MW 8.4 VIS 26 pH 10.  
Present Operation: Drilling  
Drill, survey, clean & paint. Got all roads watered.  
DC: \$7,695 CC: \$78,666

9-6-93 TD: 4,666' (533') Day 6  
Formation: Green River  
MW 8.4 VIS 26 pH 10.5  
Present Operation: Drilling  
Drill, survey, clean & paint.  
DC: \$8,718 CC: \$87,384

9-7-93 TD: 5,080' (415') Day 7  
Formation: Green River  
MW 8.4 VIS 27 pH 10.5  
Present Operation: Drilling  
Drill, survey, clean & paint. Lose 202# pump pressure.  
TIH & have box & pin on 1st 2 jts wt. pipe washed.  
Change bit & TIH. Drill ahead.  
DC: \$5,669 CC: \$93,053

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-5

Location: SE NW Section 5, T9S, R17E  
Duchesne County, Utah

---TIGHT HOLE---

9-8-93 TD: 5,712' (632') Day 8  
Formation: Green River  
MW 8.4 Vis 26 pH 10  
Present Operation: Drilling  
Drill, survey, clean & paint. Unload 5-1/2" csg on pipe  
racks.  
DC: \$9,436 CC: \$102,489

**Balcron Oil**  
**DAILY OPERATING REPORT**

DATE: 9/9/93

\*\*REPORT TO WORKING INTEREST PARTNERS IN JONAH UNIT\*\*

**BALCRON MONUMENT FEDERAL #13-5** Operator: EREC/Balcron  
BOD WI: 79.78%  
--TIGHT HOLE-- Location: NW SW Section 5, T9S, R17E  
Duchesne County, Utah  
Prospect: Jonah Unit, Monument Butte Field

9-8-93 Completion  
CP - 0 psig, TP - 5 psig. Made 2 swab runs, recovered 12 bbls of fluid - 70% oil. TIH tag sand 5648' KB, circ clean to 5705', TOOH w/tbg & packer. RU Schlumberger to perf 4638'-49', 6 shots & 4789'-4804', 8 shots. RD Schlumberger. TIH w/RBP, 1 jt 2-7/8" tbg, 5-1/2" packer, SN & 150 jts tbg. Set BP @ 4700' KB, POOH w/4 jts tbg, set packer @ 4575' KB, btm 4614' KB. RU Halliburton to do break down on 4638'-49' perfs, pressure test surface equipment to 4000 psig. Start break down, initial break @ 3000 psig @ 2.4 BPM, start 1 ball per BOW, 1700 psig @ 4 BPM. No ball off, surge ball back, pump for rate 6.2 BPM 2500 spi. TIH, release BP, rest BP @ 4899' KB, set packer @ 4730' KB, EOT. Start break down on 4789'-4804', initial break 2800 to 2500 psig, 4 BPM start 1 ball per BOW. Surge ball back. Pump for rate 4.4 BPM @ 2500 psig. RD Schlumberger. SWIFN. Load used today - 161 BOW; Load recovered today - 4; Load to be recovered - 371 BOW.  
DC: \$5,450

**BALCRON MONUMENT FEDERAL #22-5** Operator: EREC/Balcron  
BOD WI: 79.78%  
--TIGHT HOLE-- Location: SE NW Section 5, T9S, R17E  
Duchesne County, Utah  
Prospect: Jonah Unit, Monument Butte Field

9-9-93 TD: 5,850' (138') Day 9  
Formation: Green River  
Present Operation: LD Collars  
Drill, circ for logs, strap out of hole & log well. TIH, circ, LD drill pipe & collars.  
DC: \$18,503 CC: \$120,992

**Balcron Oil**  
**DAILY OPERATING REPORT**

DATE: 9/9/93

\*\*REPORT TO WORKING INTEREST PARTNERS IN JONAH UNIT\*\*

BALCRON MONUMENT FEDERAL #13-5 Operator: EREC/Balcron  
BOD WI: 79.78%  
--TIGHT HOLE-- Location: NW SW Section 5, T9S, R17E  
Duchesne County, Utah  
Prospect: Jonah Unit, Monument Butte Field

9-8-93 Completion  
CP - 0 psig, TP - 5 psig. Made 2 swab runs, recovered 12 bbls of fluid - 70% oil. TIH tag sand 5648' KB, circ clean to 5705', TOOH w/tbg & packer. RU Schlumberger to perf 4638'-49', 6 shots & 4789'-4804', 8 shots. RD Schlumberger. TIH w/RBP, 1 jt 2-7/8" tbg, 5-1/2" packer, SN & 150 jts tbg. Set BP @ 4700' KB, POOH w/4 jts tbg, set packer @ 4575' KB, btm 4614' KB. RU Halliburton to do break down on 4638'-49' perms, pressure test surface equipment to 4000 psig. Start break down, initial break @ 3000 psig @ 2.4 BPM, start 1 ball per BOW, 1700 psig 4 BPM. No ball off, surge ball back, pump for rate 6.2 BPM 2500 spi. TIH, release BP, rest BP @ 4899' KB, set packer @ 4730' KB, EOT. Start break down on 4789'-4804', initial break 2800 to 2500 psig, 4 BPM start 1 ball per BOW. Surge ball back. Pump for rate 4.4 BPM @ 2500 psig. RD Schlumberger. SWIFN. Load used today - 161 BOW; Load recovered today - 4; Load to be recovered - 371 BOW.  
DC: \$5,450

BALCRON MONUMENT FEDERAL #22-5 Operator: EREC/Balcron  
BOD WI: 79.78%  
--TIGHT HOLE-- Location: SE NW Section 5, T9S, R17E  
Duchesne County, Utah  
Prospect: Jonah Unit, Monument Butte Field

9-9-93 TD: 5,850' (138') Day 9  
Formation: Green River  
Present Operation: LD Collars  
Drill, circ for logs, strap out of hole & log well. TIH, circ, LD drill pipe & collars.  
DC: \$18,503 CC: \$120,992

**Balcron Oil**  
**DAILY OPERATING REPORT**

DATE: 9/10/93

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

**BALCRON MONUMENT FEDERAL #13-5** Operator: EREC/Balcron  
**--TIGHT HOLE--** Location: NW SW Section 5, T9S, R17E  
 Duchesne County, Utah  
 Prospect: Jonah Unit, Monument Butte Field

9-9-93 Completion  
 Made 4 swab runs - 24 BOW. Found trace of oil on 3rd run. TOOH  
 w/tbg & packer. SWIFN.  
 DC: \$6,013

**BALCRON MONUMENT FEDERAL #22-5** Operator: EREC/Balcron  
**--TIGHT HOLE--** Location: SE NW Section 5, T9S, R17E  
 Duchesne County, Utah  
 Prospect: Jonah Unit, Monument Butte Field

9-10-93 TD: 5,850' (0') Day 10  
 Formation: Green River  
 Present Operation: RD Moving off.  
 LD collars, RU csg crew & run 5-1/2" csg, Halliburton cmt. ND,  
 clean tank, set slips, rig down. Guide shoe - .60; 1 jt 5-1/2 15.5  
 shoe jt - 44.41; float collar - 2.76'; 135 jts 5-1/2" 15.5 csg -  
 5774.30'; 20 centralizers - 5822.07; landing jt - 11. Csg set @  
 5833.07'. PBTD 5784'. Cmt w/150 exs hilift standard & tail w/265  
 exs 50=50 poz. Plug down 12 noon 9-9-93. Rig released @ 4 p.m.  
 9-9-93.  
 DC: \$48,656 CC: \$169,648

**BALCRON MONUMENT FEDERAL #32-11** Operator: EREC/Balcron  
**--TIGHT HOLE--** Location: SW NE Section 11, T9S, R16E  
 Duchesne County, Utah  
 Prospect: Jonah Unit, Monument Butte Field

9-10-93 TD: 5,555' (749') Day 6  
 Formation: Green River  
 MW 8.4+ VIS 27 pH 9.5  
 Present Operation: Load hole w/fluid.  
 Drill, survey, clean on rig. Circ hole w/fluid. Prepare to TOH.  
 DC: \$11,790 CC: \$93,742

Page 1 of 1

**Balcron Oil**  
**DAILY OPERATING REPORT**

DATE: 9/15/93

**\*\*JONAH UNIT PARTNERS' REPORT\*\*****BALCRON MONUMENT FEDERAL #23-11**

Operator: Balcron/EREC  
Location: NE SW Section 11, T9S, R16E  
Duchesne County, Utah  
Prospect: Monument Butte

---TIGHT HOLE---

9-15-93 TD: 476' (0') Day 3  
Formation: Uintah  
Present Operation: WO repairs.  
DC: \$972 CC: \$25,414

**BALCRON MONUMENT FEDERAL #22-5**

Operator: EREC/Balcron  
Location: SE NW Section 5, T9S, R17E  
Duchesne County, Utah  
Prospect: Jonah Unit, Monument Butte Field

--TIGHT HOLE--

9-14-93 Completion  
PU & RIH w/bit, scraper, & 2-7/8" tbg to PSTD. Circ hole clean w/160 STB 2% KCl wtr. TOOH w/2-7/8" tbg, scraper & bit. RU Schlumberger to perf. 1st run perf from:  
4890', 4894', 4895' KB one shot each  
4900', 4903', 4906' KB one shot each  
5041', 5042', 5043', 5044', 5048' KB one shot each (total 10 shots) 90° phase.  
Top gun did not fire, TOOH w/gun. 2nd run - rerun for top perfs @ 4890', 4894', & 4895' KB & TOOH w/gun. RIH w/tail jt 2-7/8" tbg, Model R=3 Backer packer, SN, & 2-7/8" tbg, set packer @ 4838' KB w/30,000# compression. RU Western to breakdown perfs above. Start puming, pressure to 2000 psig & csg annulus communicated, packer failed, reset packer @ 4838', pressure failure @ 800 psig, pull up hole & reset packer @ 4832' KB, pressure failure @ 700 psig. TOOH w/2-7/8" tbg, SN, Model R-3 packer, & tail jt. LD Model R-3 packer & PU 5-1/2" Arrow HD packer. RIH w/tail jt, HD packer, SN & 2-7/8" tbg. Set packer @ 4838' KB w/30,000# compression. SDFN  
DC: \$14,481

**BALCRON MONUMENT FEDERAL #23-5**

Operator: EREC/Balcron  
Location: NE SW Section 5, T9S, R17E  
Duchesne County, Utah  
Prospect: Jonah Unit, Monument Butte

9-15-93 TD: 4,010' (540') Day 5  
Formation: Green River  
MW 8.4 VIS 26 pH 10  
Present Operation: Drilling  
Drill, survey, trip for bit #2. Drill ahead.  
DC: \$7,673 CC: \$75,845

**Balcron Oil**  
**DAILY OPERATING REPORT**

DATE: 9/16/93

**\*\*JONAH UNIT PARTNERS' REPORT\*\***

**BALCRON MONUMENT FEDERAL #13-5**  
**--TIGHT HOLE--**

Operator: EREC/Balcron  
Location: NW SW Section 5, T9S, R17E  
Duchesne County, Utah  
Prospect: Jonah Unit, Monument Butte

9-15-93 Completion  
Reserve pit restoration. Start surface equipment hookup.  
DC: \$13,074

**BALCRON MONUMENT FEDERAL #23-5**

Operator: EREC/Balcron  
Location: NE SW Section 5, T9S, R17E  
Duchesne County, Utah  
Prospect: Jonah Unit, Monument Butte

9-16-93 TD: 4,649' (639') Day 6  
Formation: Green River  
MW 8.4 VIs 27 pH 10  
Present Operation: Drilling  
Drill, survey, clean & paint. Unload rest of 5-1/2" csg.  
DC: \$8,414 CC: \$84,259

**BALCRON MONUMENT FEDERAL #23-11**

Operator: Balcron/EREC  
Location: NE SW Section 11, T9S, R16E  
Duchesne County, Utah  
Prospect: Monument Butte

**---TIGHT HOLE---**

9-16-93 TD: 476' (0') Day 4  
Formation: Uintah  
Present Operation: Repair rig.  
DC: \$400 CC: \$25,814

**BALCRON MONUMENT FEDERAL #22-5**  
**--TIGHT HOLE--**

Operator: EREC/Balcron  
Location: SE NW Section 5, T9S, R17E  
Duchesne County, Utah  
Prospect: Jonah Unit, Monument Butte Field

9-15-93 Completion  
CP - 40 psig, TP - 0 psig. RU Western to break down. Pressure test surface equip to 5000 psig - OK. Initial break 3100 psig to 2400 psig @ 4 BPM, start ball. Balls on perfs. Ball off, surge balls back, pump for rate 6 BPM @ 3000 psig, ISIP - 1500 psig. TOOH w/tbg & packer. RU Western to frac, pressure test surface equip to 6000 psig - OK.

	<u>Max Rate</u>	<u>Max PSI</u>	<u>BOS</u>	
Pad	10.8	3000		1600 ISIP
Sand #2 20/40	Shut frac down		13	
3# 20/40	Will acidize		14	
4# 20/40	9-17-93		41	
5# 20/40			58	
6# 20/40			61	
6# 16/30			45	
7# 16/30	Load to rec 128 BOW			
8# 16/30			32	
Flush			116	
DC: \$13,142				



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 16, 1993

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

Re: Request for Completed Entity Action Form - Balcron Monument  
Federal 22-5 SENW Sec. 5, T. 9S, R. 17E - Duchesne County,  
Utah

Dear Ms. Schuman:

This is written to remind you that all well operators are responsible for sending an Entity Action Form to the Division of Oil, Gas and Mining within five working days of spudding a new well. This office was notified that your company spudded the Balcron Monument Federal 22-5 well, API Number ~~43~~-013-31384, on August 31, 1993. At this time, we have not received an Entity Action Form for this well.

Please review the instructions on the back of the enclosed form. Make sure you choose the proper Action Code to show whether the well will be a single well with its own sales facilities (Code A), a well being added to an existing group of wells having the same tank battery and common division of royalty interest (Code B - show existing Entity Number to which well should be added), or a well being drilled in the participating area of a properly designated unit (Code B). Complete the form and return it to us by September 30, 1993.

Your attention to this matter is appreciated. If we can be of assistance to you, please feel free to call Lisha Cordova at the above number.

Sincerely,

Don Staley  
Administrative Supervisor

lec  
Enclosure  
cc: R. J. Firth  
File

**Balcron Oil**  
**DAILY OPERATING REPORT**

DATE: 9/20/93

**\*\*JONAH UNIT PARTNERS' DAILY REPORT\*\*****BALCROON MONUMENT FEDERAL #32-11****--TIGHT HOLE--**

Operator: EREC/Balcron

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

Prospect: Jonah Unit, Monument Butte Field

9-17-93 Completion

MIRU Basin Well Service Rig #2. NU wellhead, NU BOP. TIH w/4-3/4 drag bit, 5-1/2" scraper & 185 jts 2-7/8" tbg. PBD 5711' KB. Circ well clean w/2% KCL wtr. TOOH w/tbg, scraper & bit. RU Schlumberger, perf 5154'-5170' KB. RD Schlumberger. SWIFN.

DC: \$16,883

**BALCROON MONUMENT FEDERAL #22-5****--TIGHT HOLE--**

Operator: EREC/Balcron

Location: SE NW Section 5, T9S, R17E  
Duchesne County, Utah

Prospect: Jonah Unit, Monument Butte Field

9-17-93 Completion

CP - 0. TIH w/2-7/8" tbg @ 5067' KB, set packer @ 5005', EOT @ 5033'. RU Western to do breakdown. Pressure test surface equipment to 5000 psig - OK. Start breakdown, pump 250 gals 15% HCL 2 balls per bbl. Max pressure 4500 psi, max rate 6 BPM, average rate 2 BPM. Bleed pressure off, reset ABP @ 4999' set packer @ 4838', EOT @ 4878' KB. Pressure test surface equipment to 5000 psi - OK. Start break down 250 gals 15% HCL w/2 ball per bbl, 12 balls. Max pressure 4000 psi, max rate 5.5 BPM, Average rate 5 BPM. Ball off, surge balls back. PUMP for rate 4.9 BPM @ 2500 psi. TIH & release BP. Reset BP @ 5067' KB. TOOH w/tbg & packer. RU Western to frac. Pressure test surface equipment to 5000 psig -

OK. Frac w/Western, average rate 28 BPM, 2850 psig, ISIP - 3100 psi, screened on flush. See attached Treatment Reports - 2 pages.

DC: \$22,005

9-18-93 Completion

CP - 260 psig. Flow back 40 BOW. TIH w/retrieving tool, 1 jt tbg, 5-1/2" packer, SN & tbg. Tag sand fill @ 4645' KB. Circ clean t 5040'. POOH to 4830', set packer. Made 29 swab runs. Recovered 174 BOW. Last 3 runs 1% oil, fluid level stabel @ 3300'. SDFN. Load to recover - 229 BOW.

DC: \$1,745

9-19-93 Completion

CP -0 psi, TP - 35 psi. Fluid level - 900'. Made 21 swab runs, recovered 126 BOW. last 4 runs 5% oil, fluid level stabel @ 3500'. Release packer, tag sand fill @ 5030', clean out sand to BP @ 5067'. Release BP, TOOH w/tbg, packer & BP. SDFN.

DC: \$1,231



Page 1 of 2

**Balcron Oil**  
**DAILY OPERATING REPORT**

DATE: 9/23/93

**\*\*JONAH UNIT PARTNERS' REPORT\*\***

**BALCRON MONUMENT FEDERAL #13-5**  
**--TIGHT HOLE--**

Operator: EREC/Balcron  
 Location: NW SW Section 5, T9S, R17E  
 Duchesne County, Utah  
 Prospect: Jonah Unit, Monument Butte

9-22-93 Completion  
 Pit reclamation. Continue to hookup surface equipment.  
 DC: \$2,662

**BALCRON MONUMENT FEDERAL #22-5**  
**--TIGHT HOLE--**

Operator: EREC/Balcron  
 Location: SE NW Section 5, T9S, R17E  
 Duchesne County, Utah  
 Prospect: Jonah Unit, Monument Butte Field

9-22-93 Completion  
 Start reclamation of pit. Start surface equipment hookup.  
 DC: \$12,201

**BALCRON MONUMENT FEDERAL #32-11**  
**--TIGHT HOLE--**

Operator: EREC/Balcron  
 Location: SW NE Section 11, T9S, R16E  
 Duchesne County, Utah  
 Prospect: Jonah Unit, Monument Butte Field

9-22-93 Completion  
 CP - 50 psig. Made 8 runs, recovered 38 BF, 7 oil - 32 wtr.  
 Release packer, RIH, tag sand fill @ 5497' KB. Circ clean to 5711'  
 (PBD). TOOH w/tbg & packer. RU Cutter Wireline to perf 4740'-  
 4744' 2 SPF. RD Cutters Wireline. TIH w/5-1/2" BP set @ 5063' KB,  
 5-1/2" HD packer set @ 4667' KB. SDFN.  
 DC: \$7,027

**BALCRON MONUMENT FEDERAL #23-11**

**---TIGHT HOLE---**

Operator: Balcron/EREC  
 Location: NE SW Section 11, T9S, R16E  
 Duchesne County, Utah  
 Prospect: Monument Butte

9-23-93 TD: 5,750' (0') Day 11  
 Formation: Green River  
 Present Operation: RDMO  
 Log well, had to run Density log over. TIH & circ, LD drill pipe  
 & collars. Run 5-1/2" csg & cmt. ND, set slips & clean mud tanks.  
 Plug down @ 2:30 a.m. 9-23-93. Rig released @ 6 a.m. 9-23-93.  
 Csg: Guide shoe .75'; 1 jt 15.50 shoe jt - 44.19'; float collar -  
 2.65'; 135 jt 5-1/2" 15.5# K-55 - 5174.08'; landing jt - 9'; Csg  
 set @ 5730.67'. PBD - 5683.08'. 20 centralizers. Cmt'd by  
 Halliburton w/90 sxs hifill & tail w/350 sxs 50-50. Plug down @  
 2:30 a.m. 9-23-93.  
 DC: \$63,363 CC: \$162,057



**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 23, 1993

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

Gentlemen:

RE: Balcron Monument Federal #13-5  
NW SW Section 5, T9S, R17E  
Duchesne County, Utah

and

\* Balcron Monument Federal #22-5  
SE NW Section 5, T9S, R17E  
Duchesne County, Utah

SEP 27 1993  
Duchesne County  
Oil, Gas & Mining

Enclosed for your records is the Entity Action Form - Form #6 for the Balcron Monument Federal #13-5 that your office did not receive at the time that we reported spud on the well.

I have also enclosed a copy of the Entity Action Form for the Balcron Monument Federal #22-5 that was sent to your office on August 16, 1993.

Please feel free to contact me if you have any questions.

Sincerely,

*Molly Conrad*  
Molly M. Conrad  
Operations Secretary

/mc

Enclosures

ADDRESS EQUITABLE RESOURCES  
Billings, MT 59104

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	11511	→	43-013-31384	Balcron Monument Federal #22-5	SE NW	5	9S	17E	Duchesne	8/16/93	8/16/93

ELL 1 COMMENTS:

Spud of new well.

*Requested copy in error, entity added 8-18-93. Lee*

ELL 2 COMMENTS:

**RECEIVED**  
 SEP 27 1993

ELL 3 COMMENTS:

DIVISION OF  
 OIL, GAS & MINING

ELL 4 COMMENTS:

ELL 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)

Date: August 16, 1993

*Robbie Schuman*  
 Signature  
 Coordinator of Environmental  
 and Regulatory Affairs  
 Title

Phone No. (406) 259-7860

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



**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 28, 1993

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

**CONFIDENTIAL**

Gentlemen:

RE: Balcron Monument Federal #32-11  
SW NE Section 11, T9S, R16E  
Duchesne County, Utah

and

Balcron Monument Federal #22-5  
SE NW Section 5, T9S, R17E  
Duchesne County, Utah

Attached are the Proposed Production Facilities Diagrams  
for the referenced wells

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

Sincerely,

*Molly Conrad*  
Molly M. Conrad  
Operations Secretary

/mc

Attachments

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

**RECEIVED**

SEP 30 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

SUBMIT IN TRIPLICATE

**CONFIDENTIAL**

5. Lease Designation and Serial No.

U-020252

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 #22-5

9. API Well No.

43-013-31384

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY Balcron Oil Division

3. Address and Telephone No.

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

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

SE NW Section 5, T9S, R17E  
1853' FNL, 1979' FWL

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 Proposed Production Facilities

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

Attached are the proposed production facilities diagram for this well.

**CONFIDENTIAL**

**RECEIVED**

SEP 30 1993

DIVISION OF  
OIL, GAS & MINING

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

Coordinator of Environmental  
and Regulatory Affairs

Signed Robbie Schuman

Title

Date 9-28-93

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title

Date

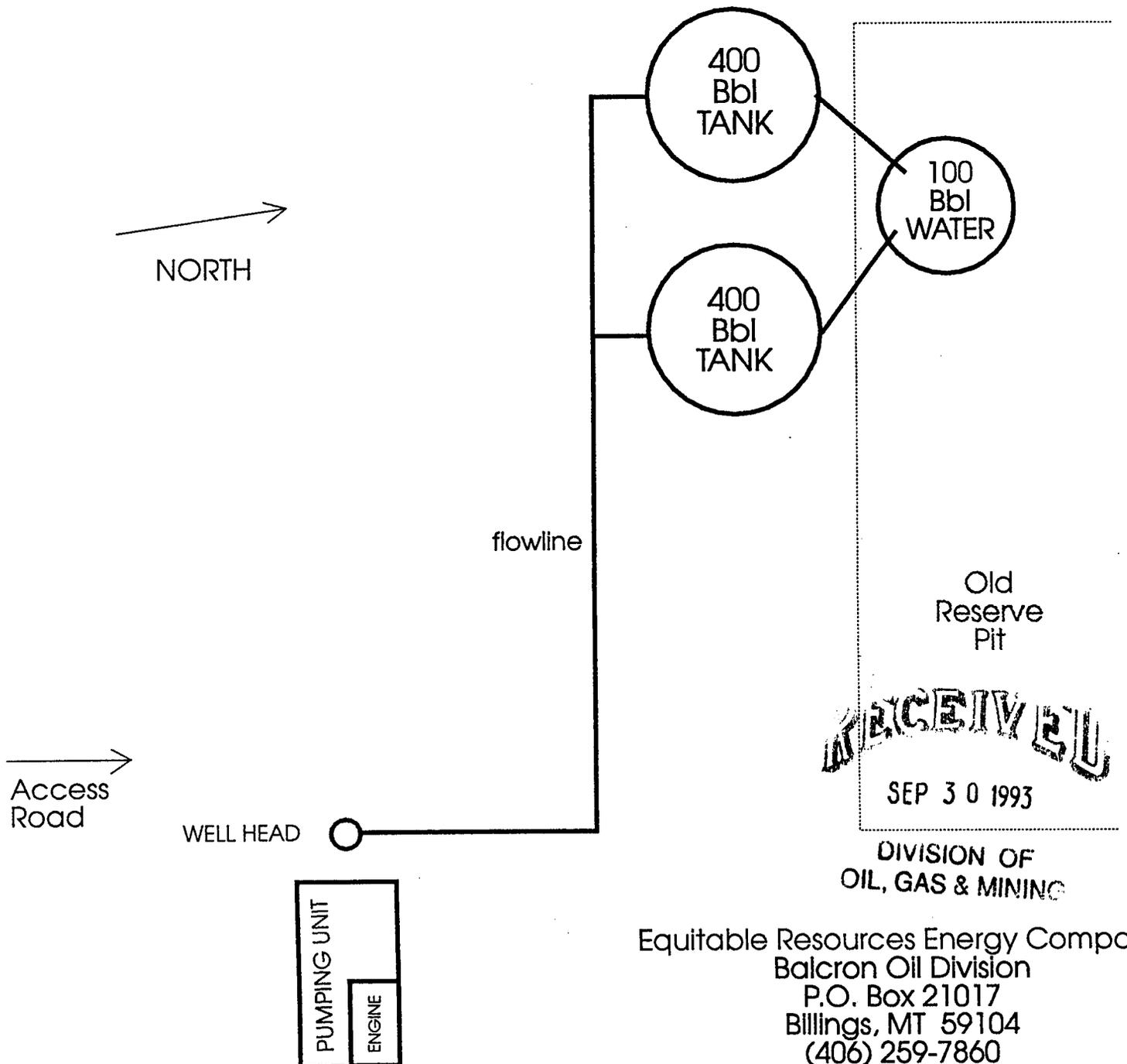
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

Equitable Resources Energy Company  
Balcron Monument Federal #22-5  
Proposed Production Facility Diagram

Balcron Monument Federal 22-5  
SE NW Sec. 5, T9S, R17E  
Duchesne County, Utah  
Federal Lease #J-020252  
1853' FNL, 1979' FEL

DIAGRAM NOT TO SCALE



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



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**BALCRON OIL DIVISION**

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

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

October 4, 1993

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

Gentlemen:

RE: Balcron Monument Federal #22-5  
SE NW Section 5, T9S, R17E  
Duchesne County, Utah

Enclosed is the Report of First Production for the referenced well.

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

Sincerely,

Molly M. Conrad  
Operations Secretary

/mc

Enclosures

cc: State of Utah, Division of Oil, Gas, & Mining (also attached is the Entity Action Form).

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-020252

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 #22-5

9. API Well No.  
43-013-31384

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

11. County or Parish, State  
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

**CONFIDENTIAL**

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)  
SE NW Section 5, T9S, R17E  
1853' FNL, 1979' FWL

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>Report of 1st 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 10-1-93.

**RECEIVED**  
OCT 06 1993

DIVISION OF  
OIL, GAS & MINING

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

Signed Lobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date October 4, 1993

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

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



# The Western Company—Treatment Report

Date 9-17-93 District VEDNA F. Receipt 267-173 Operator BALCON  
 Lease EO Well No. 22-53 Field Mountaintop RUTLE Location S-195-R17E  
 County Duchesne State UT Stage Number 1 This Zone A This Well W

**WELL DATA** OGD  NGO  NOX  OOB  WOB  IW  Misc.  Depth TD/PE 6075/11178 Formation \_\_\_\_\_  
 Tubing Size 2 7/8 WT. 6.5 Set at: 502/11178 Type Packer E-3 Set At: 1177/11178  
 Casing Size 5 1/2 WT. 15.5 Set From 5.6 To 70 Liner Size \_\_\_\_\_ Wt. \_\_\_\_\_  
 Liner Set From \_\_\_\_\_ To \_\_\_\_\_ Open Hole: Size \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Casing Perforations: Size 1'  
 Holes Per Foot \_\_\_\_\_ Intervals 11870-11910 5041-5148  
 Previous Treatment \_\_\_\_\_ Prior Production \_\_\_\_\_

**TREATMENT DATA** Pad Used: Yes  No  Pad Type \_\_\_\_\_  
 Treating Fluid Type: Foam  Water  Acid  Oil  Treat. Fluid Vol. \_\_\_\_\_ Gal.  
 Base Fluid Type 15% HCL ACID Base Fluid Vol. 500 Gal.  
 Foam Qual.: \_\_\_\_\_ % Mitchell  Slurry  Surface  Downhole  Total Prop Qty. \_\_\_\_\_ Lbs.  
 Prop Type: Sand  WP-10  WP-30  Baux.  Other \_\_\_\_\_  
 Prop Mesh Sizes, Types and Quantities \_\_\_\_\_  
 Hole Loaded With 100 Treat Via: Tubing  Casing  Anul.  Tubing & Anul.   
 Ball Sealers: 10/12 In 1/1 Stages of 10/12  
 Types and Number of Pumps Used 1 1200 GAC-SOFT-FIT  
 Auxiliary Materials \_\_\_\_\_

**LIQUID/GAS PUMPED AND CAPACITIES IN BBLs**  
 Tubing Cap. \_\_\_\_\_  
 Casing Cap. \_\_\_\_\_  
 Annular Cap. \_\_\_\_\_  
 Open Hole Cap. \_\_\_\_\_  
 Fluid to Load \_\_\_\_\_  
 Pad Volume \_\_\_\_\_  
 Treating Fluid \_\_\_\_\_  
 Flush 29/30  
 Overflush 12  
 Fluid to Recover 85  
 Total N<sub>2</sub> \_\_\_\_\_  
 Total CO<sub>2</sub> \_\_\_\_\_

### PROCEDURE SUMMARY

Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLs Pumped		Slurry Rate BPM	Surface CO <sub>2</sub> BBLs Pumped		CO <sub>2</sub> Rate BPM	Surface N <sub>2</sub> MSCF Pumped		N <sub>2</sub> Rate SCFM	Comments
	STP	Annulus	Stage	Total		Stage	Total		Stage	Total		
8:56	1600											Start Acid Start Flush MISCN Shut Down All Flush
8:58	1600			6	3.2							
9:17	1600			29	1.2							
9:21	2600			41	5.3							Start Acid Start Flush Shut Down Surge Pail Recount Flush Shut Down All Flush
10:06	2000			7	5.5							
10:19	1600			26								
11:24	2600			44	4.9							
11:35	2500											

Treating Pressure: Min. 2000 Max. 11500 Avg. 2800 Customer Representative Dale Griffin  
 Inj. Rate on Treating Fluid 5.5 Rate on Flush 1.9 Western Representative P. S. HALE  
 Avg. Inj. Rate 5.0 I.S.D.P. 1100 Flush Dens. lb./gal. \_\_\_\_\_ Distribution \_\_\_\_\_  
 Final Shut-in Pressure \_\_\_\_\_ in \_\_\_\_\_ Minutes  
 Operator's Maximum Pressure 11500

Job Number \_\_\_\_\_

Recommendation ID # \_\_\_\_\_

Date 9-17-93 District VERMONT F. Receipt 262.171 Operator BALCON  
 Lease FED Well No. 22-5 Field M. B. Location S-195-R17C  
 County Duchess State VT Stage Number 1 This Zone  This Well

**WELL DATA** OGD  NGO  NOX  OOD  WOD  IWO  Misc.  Depth TDPB 5714 Formation GREEN PINE R.  
 Tubing Size 5 1/2 WT. 15.5 Set From 544 To TD Liner Size 5 1/2 Wt. 15.5  
 Liner Set From 544 To 544 Open Hole Size 5 1/2 From 544 To 544 Casing Perforations: Size 5 1/2  
 Holes Per Foot 1 Intervals 1390 - 5098 Holes 11  
 Previous Treatment N/A Prior Production N/A

**TREATMENT DATA** Pad Used: Yes  No  Pad Type Viking I 35  
 Treating Fluid Type: Foam  Water  Acid  Oil  Treat. Fluid Vol. 251 Gal.  
 Base Fluid Type 2% KCL Base Fluid Vol. 114 Gal.  
 Foam Qual.: 2 % Mitchell  Slurry  Surface  Downhole  Total Prop Qty. 114 Lbs.  
 Prop Type: Sand  WP-1  WP-3  Baux.  Other 20/10 - 16/30  
 Prop Mesh Sizes, Types and Quantities 20/10 - 16/30  
 Hole Loaded With KCL Treat Via: Tubing  Casing  Anul.  Tubing & Anul.   
 Ball Sealers: None in 2 Stages of 1390 - 5098  
 Types and Number of Pumps Used 2 - 1390 2 - 5098  
 Auxiliary Materials 12# FRAP-100L 2#

**LIQUID/GAS PUMPED AND CAPACITIES IN BBLs.**  
 Tubing Cap. 116.3  
 Casing Cap. 116.3  
 Annular Cap. 116.3  
 Open Hole Cap. 116.3  
 Fluid to Load 20  
 Pad Volume 114  
 Treating Fluid 251  
 Flush 100  
 Overflush 114  
 Fluid to Recover 436  
 Total N<sub>2</sub> 0  
 Total CO<sub>2</sub> 0

**PROCEDURE SUMMARY**

Time AM/PM	Treating Pressure-Psi		Surface Slurry BBLs. Pumped		Slurry Rate BPM	Surface CO <sub>2</sub> BBLs. Pumped		CO <sub>2</sub> Rate BPM	Surface N <sub>2</sub> MCFG Pumped		N <sub>2</sub> Rate SCFM	Comments
	STP	Annulus	Stage	Total		Stage	Total		Stage	Total		
12:26												1st line @ 1000
12:32												START PAD
12:37												Shut Down with H2O leak
12:50	2970	0			62.0							START PAD
12:56	2970	0		114	25.0							START 2# 20/10
12:56	2970	0		127	27.8							START 3# 20/10
12:57	2860	0		141	29.0							START 4# 20/10
12:59	2800	0		182	27.2							START 5# 20/10
1:01	2650	0		210	28.5							START 6# 20/10
1:03	2600	0		301	26.2							START 6# 16/30
1:05	2810	1		340	26.3							START 7# 16/30
1:06	2900	0		360	27.2							START Flush
1:10	2340	0		464	11.8							Shut Down All flush (SCREEN OUT)
												5 MIN 1510
												10 1450

Treating Pressure: Min. 2600 Max. 3340 Avg. 2850 Customer Representative BRISTON  
 Inj. Rate on Treating Fluid 28 Rate on Flush 23 Western Representative B. ZARLE  
 Avg. Inj. Rate 27.8 I.S.D.P. 2100 Flush Dens. lb./gal. 2.34 Distribution ---  
 Final Shut-in Pressure 1420 in 15 Minutes  
 Operator's Maximum Pressure ---

Job Number 22-5-1 Recommendation ID # 0UR010505

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

Operator: EQUITABLE RESOURCES Lease: State:        Federal: Y  
 Indian:        Fee:         
 Well Name: BALCRON MONUMENT FED 22-5 API Number: 43-013-31383  
 Section: 5 Township: 9S Range: 17E County: DUCHESNE Field:  
MONUMENT BUTTES  
 Well Status: POW Well Type: Oil: Y Gas:       

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY:       

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

PUMPS:

       Triplex        Chemical        Centrifugal

LIFT METHOD:

Y Pumpjack        Hydraulic        Submersible        Flowing

GAS EQUIPMENT:

N Gas Meters N Purchase Meter N Sales Meter

TANKS:	NUMBER	SIZE
<u>Y</u>	Oil Storage Tank(s)	<u>2-400 BARREL WITH BURNERS</u> BBLS
<u>Y</u>	Water Tank(s)	<u>1-125 BARREL PIT TANK.</u> BBLS
<u>      </u>	Power Water Tank	<u>      </u> BBLS
<u>      </u>	Condensate Tank(s)	<u>      </u> BBLS
<u>Y</u>	Propane Tank	<u>      </u> BBLS

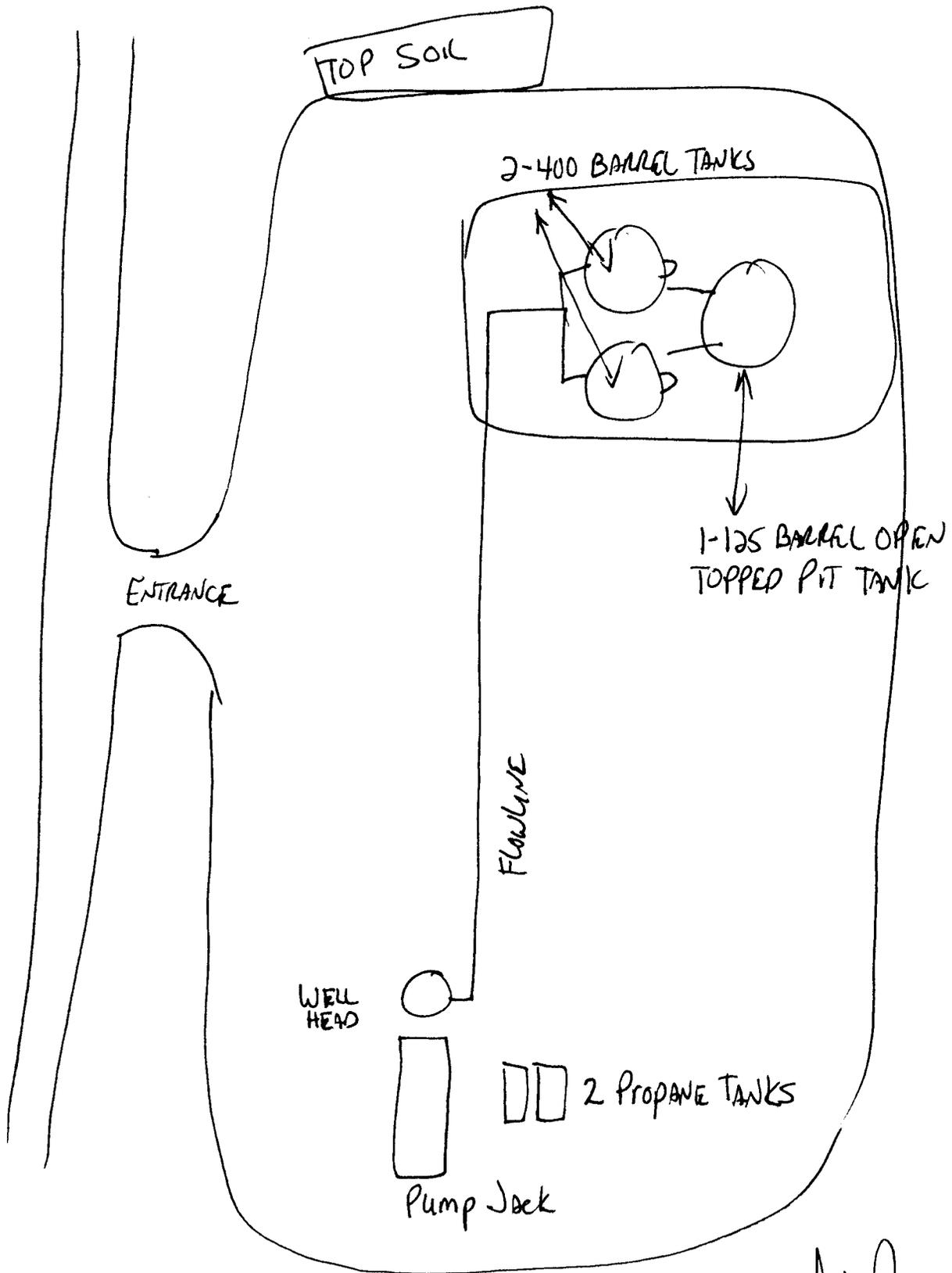
REMARKS: PUMP JACK; 2-400 OIL TANKS W/BURNERS; TWO PROPANE TANKS; SUBSURFACE  
125 BARREL PIT TANK.

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

Inspector: DENNIS INGRAM Date: 10/21/93

↑ NORTH

BALCON MONUMENT FED #22-5  
SEC 5 T9S R17E  
43-013-31383



*[Handwritten signature]*

RECEIVED  
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UTAH DIVISION OF OIL, GAS AND MINING  
EQUIPMENT INVENTORY

DIVISION OF  
OIL, GAS & MINING

Operator: EQUITABLE RESOURCES (BALCRON) Lease: State: \_\_\_\_\_ Federal: Y  
Indian: \_\_\_\_\_ Fee: \_\_\_\_\_

Well Name: BALCRON MONUMENT FED 22-5 API Number: 43-013-31382<sup>4</sup>  
Section: 5 Township: 9S Range: 17E County: DUCHESNE Field:  
MONUMENT BUTTES

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

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY: \_\_\_\_\_

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

PUMPS:

\_\_\_\_\_ Triplex \_\_\_\_\_ Chemical \_\_\_\_\_ Centrifugal

LIFT METHOD:

Y Pumpjack \_\_\_\_\_ Hydraulic \_\_\_\_\_ Submersible \_\_\_\_\_ Flowing

GAS EQUIPMENT:

N Gas Meters N Purchase Meter N Sales Meter

TANKS:	NUMBER	SIZE
	<u>Y</u> Oil Storage Tank(s)	<u>2-400 OIL W/BURNERS</u>
	_____ Water Tank(s)	_____
		_____ BBLs
	<u>Y</u> Power Water Tank	<u>1-125 SUBSURFACE PIT TANK</u>
		_____
		_____ BBLs
	_____ Condensate Tank(s)	_____
		_____ BBLs
	<u>Y</u> Propane Tank	_____

REMARKS: GAS MOTOR, TWO FIRES BOXES ARE RUN FROM CASING GAS. THERE IS NO  
GAS SALES LINE ON LOCATION AT THIS TIME.

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

Inspector: DENNIS L. INGRAM Date: 10/21/93

OCT 25 1993

UTAH DIVISION OF OIL, GAS AND MINING  
EQUIPMENT INVENTORY

DIVISION OF  
OIL, GAS & MINING

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

Well Name: BALCRON MONUMENT FED #22-5 API Number: 43-013-31384  
Section: 5 Township: 9S Range: 17E County: DUCHESNE Field:  
MONUMENT BUTTE  
Well Status: POW Well Type: Oil: Y Gas: \_\_\_\_\_

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY: \_\_\_\_\_

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

PUMPS:  
\_\_\_\_\_ Triplex \_\_\_\_\_ Chemical \_\_\_\_\_ Centrifugal

LIFT METHOD:  
Y Pumpjack \_\_\_\_\_ Hydraulic \_\_\_\_\_ Submersible \_\_\_\_\_ Flowing

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

TANKS:	NUMBER	SIZE
	<u>Y</u> Oil Storage Tank(s)	<u>1-400 BARREL PRODUCTION W/BURNER</u> BBLs
	<u>Y</u> Water Tank(s)	<u>1-125 BARREL PIT TANK.</u> BBLs
	Power Water Tank	_____ BBLs
	Condensate Tank(s)	_____ BBLs
	<u>Y</u> Propane Tank	_____ BBLs

REMARKS: ALL PRODUCTION TO 400 BARREL TANK. PIT TANK IS OPEN TOP & USED  
FOR DRAIN-OFF PURPOSES. CASING GAS USED FOR EQUIPMENT WITH PROPANE FOR  
BACKUP.

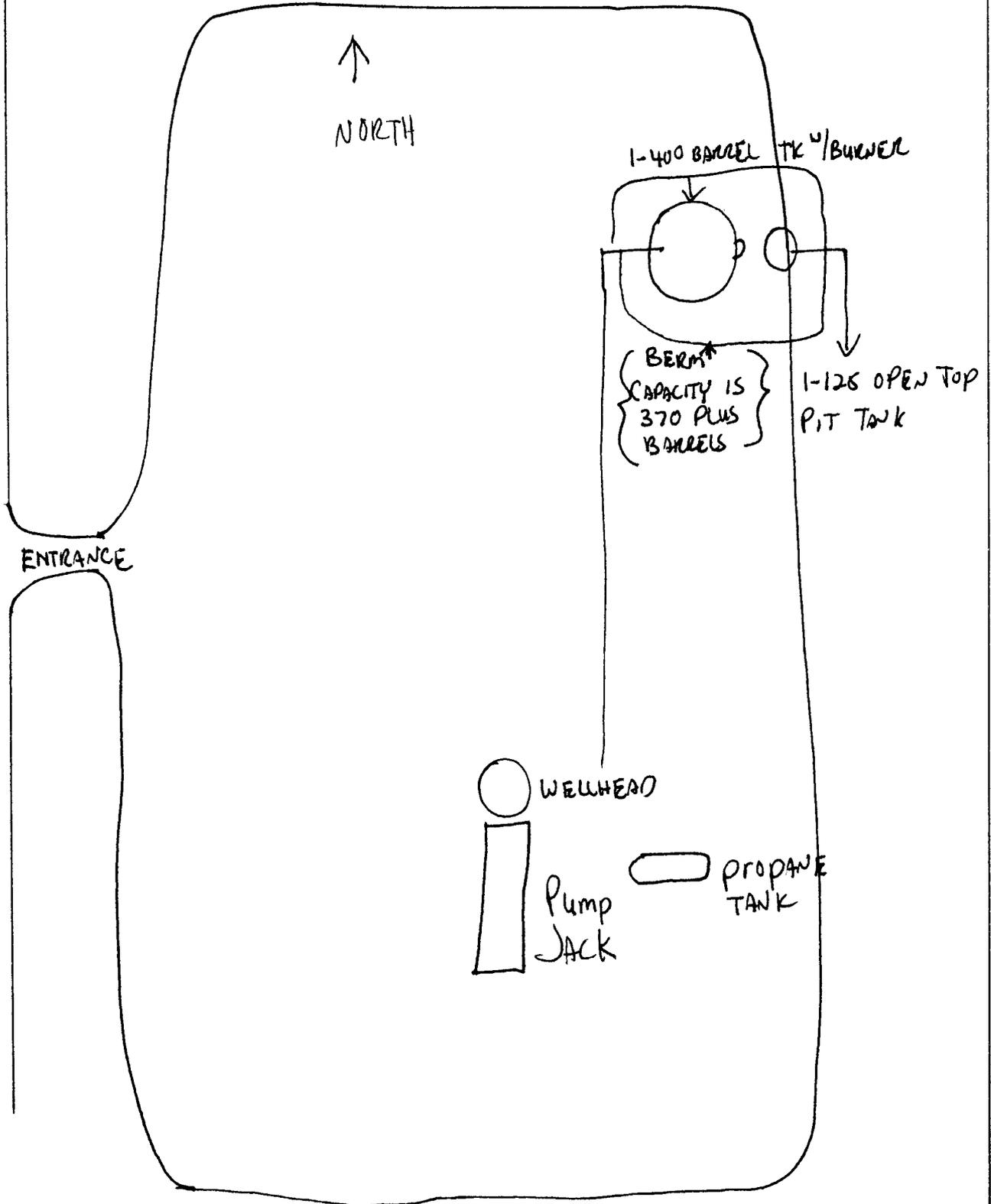
Location central battery: Qtr/Qtr: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_  
Range: \_\_\_\_\_

Inspector: DENNIS INGRAM Date: 10/7/93

4-020252

EQUITABLE RESOURCES  
BALCON MONUMENT FED # 22-5  
SEC 5 QS 17E

43-013-31384





**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**BALCRON OIL DIVISION**

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

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

October 25, 1994

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

Gentlemen:

RE: Balcron Federal #21-13Y  
Balcron Federal #41-21Y  
Balcron Monument Feddeal #13-5  
Balcron Monument Federal #22-5  
Balcron Monument Federal #32-11J

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OCT 28 1993  
DIVISION OF  
OIL, GAS & MINING

Enclosed are the following items for the referenced wells:

Well Completion Report

The following items will follow under separate cover in a few days:

Site Security Diagram (Sundry Notice)  
NTL2B Disposition of Produced Water (Sundry Notice)

Sincerely,

Molly Conrad  
Operations Secretary

/mc

Enclosures

cc: Utah Division of Oil, Gas and Mining: Also enclosed is the  
Report of Water Encountered (Utah Form 7)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RENVR.  Other \_\_\_\_\_

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

3. ADDRESS OF OPERATOR  
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1853' FNL, 1979' FWL  
At top prod. interval reported below  
At total depth \_\_\_\_\_

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OCT 28 1993

DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
U-020252

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

7. UNIT AGREEMENT NAME  
Jcnah Unit

8. FARM OR LEASE NAME  
Balcon Monument Federal

9. WELL NO.  
#22-5

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

11. SEC. T., R., N., OR BLOCK AND SURVEY OR AREA  
SE NW Section 5, T9S, R17E

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

14. PERMIT NO. 43-013-31384 DATE ISSUED 4-12-93

15. DATE SPUNDED 8-16-93 16. DATE T.D. REACHED 9-9-93 17. DATE COMPL. (Ready to prod.) 10-1-93 18. ELEVATIONS (DP, RKB, RT, OR, ETC.)\* 5241.7' GL 5254.7' KB 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5850' 21. PLUG, BACK T.D., MD & TVD 5784' 22. IF MULTIPLE COMPL., HOW MANY\* n/a 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS  
Sfc - TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
4890'-5048' Green River

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DCL-MSFL-LDI-CNL-GR CBL-GR-CCL, MUD LOG 9-14-93

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#	273'	12-1/4"	150 sxs "G" + additives	n/a
5-1/2"	15.5#	5833.07'	7-7/8"	150 sxs HiLift, 265 sxs 50-50 POZ	n/a

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5089'	n/a

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)  
4890', 4894', 4895', 4900', 4903', 4906',  
5041', 5042', 5043', 5044', 5048' (1 SPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4890'-5048'	37,300# 20/40 sand & 14,280# 16/30 sand w/443 bbls 2% KCL gelled water.

33. PRODUCTION

DATE FIRST PRODUCTION 10-1-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump - 1-1/2" insert pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-5-93	24	n/a	→	28	16.8	5	600

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a	→	28	16.8	5	34°

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

TEST WITNESSED BY  
Dale Griffin

35. LIST OF ATTACHMENTS

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

SIGNED Dave McCoskey TITLE Operations Manager DATE October 25, 1993

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

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

37. 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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			No LST's run.	See Geologic Report.		

38.

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

1. Well name and number: Balcron Monument Federal #22-5  
 API number: 43-013-31384
2. Well location: QQ SE NW section 5 township 9S range 17E county Duchesne
3. Well operator: Equitable Resources Energy Company, Balcron Oil Division  
 Address: P.O. Box 21017 phone: (406) 259-7860  
Billings, MT 59104
4. Drilling contractor: McIen Drilling  
 Address: P.O. Box 2222 phone: (406) 252-2591  
Billings, MT 59103

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

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
		<b>No water encountered.</b>	

6. Formation tops: See Geologic Report
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

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

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

Name Dave McCoskery Signature [Signature]  
 Title Operations Manager Date October 25, 1993

Comments:

  
 OCT 28 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-020252

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

~~XXXX~~ Jonah Unit

8. Well Name and No.

Balcron Monument Federal #22-5

9. API Well No.

43-013-31384

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

**CONFIDENTIAL**

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)

SE NW Section 5, T9S, R17E  
1853' FNL, 1979' FWL

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

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

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

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

Attached is the Site Security Diagram for this well.

**CONFIDENTIAL**

NOV 02 1993

DIVISION OF  
OIL, GAS & MINING

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

Signed Bobbie Schuman

Coordinator of Environmental  
and Regulatory Affairs

Date 11-1-93

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

Date \_\_\_\_\_

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

\*See Instruction on Reverse Side

# Equitable Resources Energy Company Balcron Monument Federal 22-5 Production Facility Diagram

Balcron Monument Federal 22-5  
SE NW Sec. 5, T9S, R17E  
Duchesne County, Utah  
Federal Lease #U-020252  
1853' FNL, 1979' FWL



dike

VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	OPEN	CLOSED
VALVE #2	CLOSED	OPEN
VALVE #3	CLOSED	CLOSED
VALVE #4	CLOSED	OPEN



production line

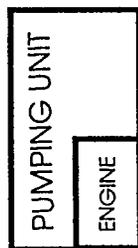
2" STEEL GAS LINE

3" STEEL OIL LINE

Old Reserve Pit



WELL HEAD



**EQUITABLE RESOURCES  
ENERGY COMPANY**

**BALCRON OIL DIVISION**

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

DIAGRAM NOT TO SCALE



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 1, 1993

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

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DIVISION OF  
OIL, GAS & MINING

Gentlemen:

RE: Balcron Federal #21-13Y

Balcron Federal #41-21Y

Balcron Monument Federal #13-5

Balcron Monument Federal #22-5

Balcron Monument Federal #32-11

Enclosed are our Site Security Diagrams and Sundries reporting Disposition of Produced Water for the referenced wells.

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

Sincerely,

*Molly Conrad*

Molly M. Conrad  
Operations Secretary

/mc

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
U-020252

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

**SUBMIT IN TRIPLICATE**

7. If Unit or CA, Agreement Designation  
Jonah Unit

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
Balcron Monument Federal #22-5

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

9. API Well No.  
43-013-31384

3. Address and Telephone No.  
P.O. Box 21017, Billings, MT 59104 (406) 255-7860

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SE NW Section 5, T9S, R17E  
1853' FNL, 1979' FWL

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>NIL2B</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.)\*

This sundry notice is to be considered as our NIL2B (Disposition of Produced Water) for this well.

Any water produced by this well will be held in a produced water tank and then hauled to a commercial disposal facility. See Site Security Diagram for location of water tank.

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DIVISION  
OIL, GAS & MINING

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

Signed [Signature] Title Operations Manager Date October 25, 1993  
(This space for Federal or State Office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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



**EQUITABLE RESOURCES**  
ENERGY COMPANY

**BALCRON OIL DIVISION**

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

NOV 17 1993

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

DIVISION OF  
OIL, GAS & MINING

November 15, 1993

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

Gentlemen:

RE: Balcron Monument Federal #13-5

Balcron Monument Federal #22-5

Balcron Monument Federal #14-12J

Enclosed is a corrected Entity Action Form #6 for the subject wells.

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

Sincerely,

Molly M. Conrad  
Operations Secretary

/mc

OPERATOR Equitable Resources Energy Company  
Balcron Oil Division

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

OPERATOR ACCT. NO. M9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	11526	11492	43-013-31370	Balcron Monument Federal #13-5	NW SW	5	9S	17E	Duchesne	8-10-93	8-10-93
WELL 1 COMMENTS: Please add this well to the Jonah Unit. <i>Entities added 11-18-93. See</i>											
B	11511	11492	43-013-31384	Balcron Monument Federal #22-5	SE NW	5	9S	17E	Duchesne	8-16-93	8-16-93
WELL 2 COMMENTS: Please add this well to the Jonah Unit.											
B	11492	11492	43-013-31411	Balcron Monument Federal #14-12J	SW SW	12	9S	16E	Duchesne	11-3-93	11-3-93
WELL 3 COMMENTS: Please add this well to the Jonah Unit. <i>Entity added 11-15-93. See</i>											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

*Bobbie Schuman*  
Signature  
Coordinator of Environmental and  
Regulatory Affairs  
Title 11-15-93  
Date

Phone No. (406) 259-7860



**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 30, 1993

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

Gentlemen:

As requested, enclosed are sundry notices which are being resubmitted to comply with Onshore Order #7 which covers disposition of produced waters. These are being resubmitted for the following wells:

Balcron Monument Federal #32-11  
Balcron Monument Federal #22-5  
Balcron Monument Federal #13-5  
Balcron Federal #41-21Y  
Balcron Federal #21-13Y  
Balcron Federal #21-9Y  
Balcron Monument Federal #23-5  
Balcron Monument Federal #23-11  
Balcron Federal #22-10Y  
Balcron Federal #44-14Y  
Balcron Federal #24-3Y

These are to replace the sundry notices which were filed as NTL2B.

Also enclosed for your information is a copy of the State approval of the primary facility at which we dispose of our produced water.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEC 01 1993

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

DIVISION OF  
SUNDRY NOTICES AND REPORTS ON WELLS GAS & MINING

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-020252

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 #22-5

9. API Well No.

43-013-31384

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

CONFIDENTIAL

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)

SE NW Section 5, T9S, R17E  
1853' FNL, 1979' FWL

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 Onshore Order #7

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.)\*

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 from the Vernal Bureau of Land Management.

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

Signed Sobbie Schuman

Title Coordinator of Environmental and Regulatory Affairs

Date November 30, 1993

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
Conditions of approval, if any: Federal Approval of this Action is Necessary

Accounted by the State  
of Utah Division of  
Oil, Gas and Mining

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.

Date: 12-3-93

\*See Instruction on Reverse Side

By: [Signature]



**EQUITABLE RESOURCES**  
ENERGY COMPANY

**BALCRON OIL DIVISION**

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

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

March 11, 1994

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 Applications for Injection Well (UIC Form 1) for the following wells:

Balcron Monument Federal #31-7

Balcron Monument Federal #24-5

Balcron Monument Federal #22-5

Balcron Monument Federal #13-5

A copy of the EPA permit was sent to you earlier this week. We will be sending notice of this application to all operators, owners, and surface owners within a one-half mile radius of the proposed injection well. We will forward a copy of that notice along with our Affidavit certifying that they were sent as soon as it has been done.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Attachments



INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: Balcrum (Equitable) Wells 31-7, 24-5, 22-5, 13-5

Location: section 5 & 7 township 9S range 17E

API #: \_\_\_\_\_ Well Type: disp. enhanced recov. X

If enhanced recovery has project been approved by the Board? Yes.

Lease Type: BLM Surface Ownership: BLM

Field: Monument Butte Unit: Jonah Indian Country: N

UIC Form 1: Yes Plat: Yes (need more detail than provided) Wells in AOR: 15P 13I

Logs Available: Yes. Bond Log: no log on 24-5

Casing Program: Diagrams - however want prior and after conversion.

Integrity Test: to be done at conversion. 1000 PSI not 500

Injection Fluid: H<sub>2</sub>O. Johnson water.

Geologic Information: Yes.

Analyses of Injection Fluid: Yes Formation Fluid: Yes Compat. \_\_\_\_\_

Fracture Gradient Information: Yes. 1861 Parting Pressure 2000 600 GALS

Affidavit of Notice to Owners: Yes.

Fresh Water Aquifers in Area: 300-500 feet

Depth Base of Moderately Saline Water: 300-500 feet

Confining Interval: shales, silts, limes.

Reviewer: D. Jones Date: 4/6/94

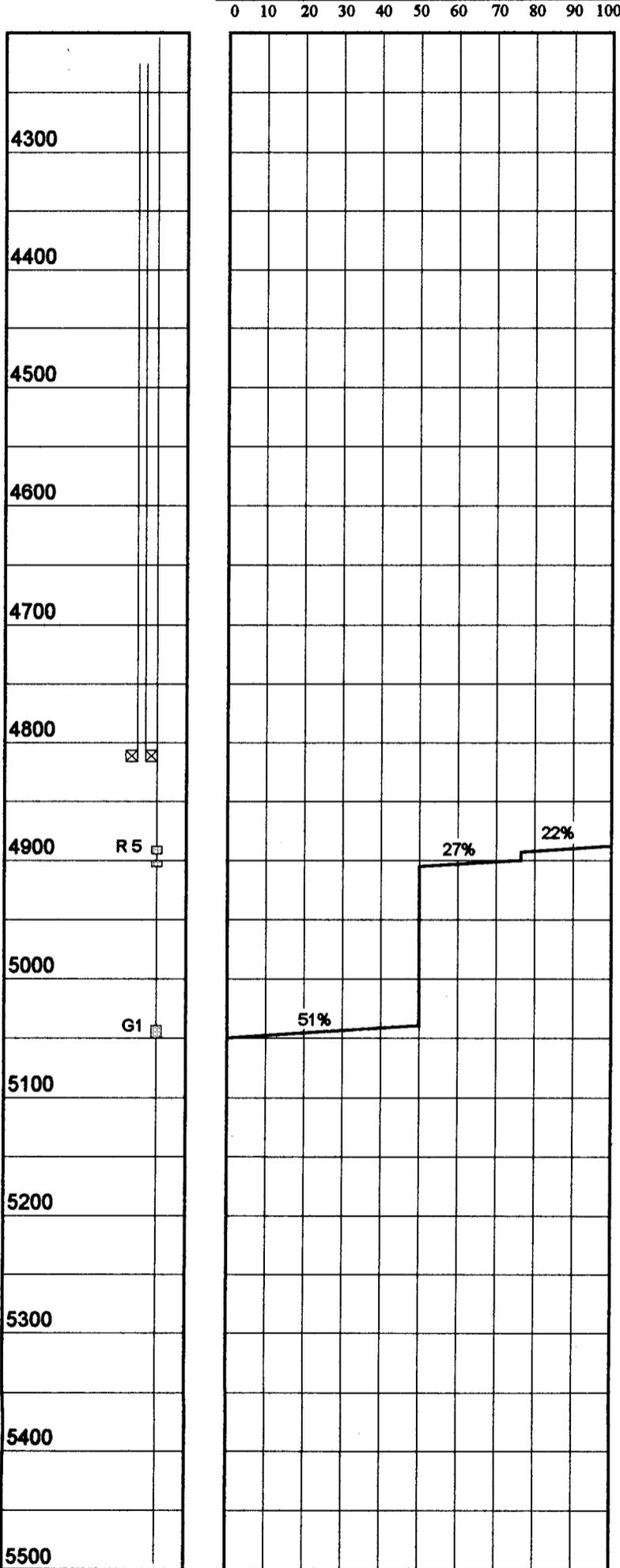
Comments & Recommendation Bond logs are questionable called John Zellitti 4/11/94 and requested more info. Also requested Bond log on 5-24 well. (received 4/12/94)  
4/12/94 spoke to Craig Perry Schlumberger in regards to Bond logs - Wells have bond.

# EQUITABLE RESOURCES ENERGY COMPANY-BALCRON OIL DIVISION

## INJECTION PROFILE

**BALCRON MONUMENT  
FEDERAL 22-5J**

Date: 12/14/94	Desired Rate: 100 B/D
Surface Temp: 49 F	Metered Rate: 100 B/D
BHT: 152 F	Measured Rate: 119 B/D
PBTD: 5784	Tbg Pressure: 1620 PSI
TD: 5710	Csg Pressure: 0 PSI



95-16E-5  
43-013-31384

**Remarks:** R/A Tracer survey indicates exits as shown. Packer checks okay.  
**Service Company:** Well Information Services, Inc.  
**Operator:** Bart Williams

(November 1983)  
(formerly 9-330)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT 1 OF 1 TE\*

(Other instructions on reverse side)

Budget Bureau No. 1004-01  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-ENS  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

**CONFIDENTIAL**

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

3. ADDRESS OF OPERATOR  
P.O. Box 21017, Billings, MT 59104 (406)259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1853' FNL, 1979' FNL  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL  
U-020252 66

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

7. UNIT AGREEMENT NAME  
Jcrnh Unit

8. FARM OR LEASE NAME  
Balcon Monument Federal

9. WELL NO.  
#22-5

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

11. SEC. T. R., N., OR BLOCK AND SURFACE OR AREA  
SE NW Section 5, T9S, R17E

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

14. PERMIT NO. 43-013-31384 DATE ISSUED 4-12-93

15. DATE SPUDDED 8-16-93 16. DATE T.D. REACHED 9-9-93 17. DATE COMPL. (Ready to prod.) 10-1-93 18. ELEVATIONS (DP, HKB, RT, OR, ETC.)\* 5241.7' GL 5254.7' KB 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5850' 21. PLUG BACK T.D., MD & TVD 5784' 22. IF MULTIPLE COMPL., HOW MANY? n/a 23. INTERVAL DRILLED BY ROTARY TOOLS Sfc - TD CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4890'-5048' Green River 25. WAS DIRECTION SURVEY MADE? No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-MFL-LDF-CNL-CR 27. WAS WELL CORED? No

29. 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#	273'	12-1/4"	150 sxs "G" + additives	n/a
5-1/2"	15.5#	5833.07'	7-7/8"	150 sxs Lift, 265 sxs 50-50 POZ	n/a

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5089'	n/a

31. PERFORATION RECORD (Interval, size and number)

4890', 4894', 4895', 4900', 4903', 4906',  
5041', 5042', 5043', 5044', 5048' (1 SPT)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4890'-5048'	37,300# 20/40 sand & 14,280# 16/30 sand w/443 bbls 2% KCL gelled water

33. PRODUCTION

DATE FIRST PRODUCTION 10-1-93 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump - 1-1/2" insert pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-5-93	24	n/a	→	28	16.8	5	600

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a	→	28	16.8	5	34°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used For fuel. TEST WITNESSED BY Dale Griffin

35. LIST OF ATTACHMENTS

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

SIGNED Dave McCoskey TITLE Operations Manager DATE October 25, 1993

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

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

**BALCRON OIL****WELL REPORT**

64

WELL NAME: Balcron Monument Federal #22-5J  
 FIELD: Monument Butte/Jonah Unit  
 FEDERAL LEASE NO.: U-020252  
 LOCATION: SE NW Sec.5,T9S,R17E  
 COUNTY/STATE: Duchesne County, Utah  
 WORKING INTEREST: 0.79942652  
 PRODUCING FORMATIO: Green River  
 COMPLETION DATE: 10-01-93  
 INITIAL PRODUCTION: 28 STBOPD, 17 MCFPD, 5 STBWP  
 OIL/GAS PURCHASER: Amoco/Universal Resources  
 PRESENT PROD STATUS: 5 STBOPD, 0 MCFPD, 0 STBWP  
 ELEVATIONS - GROUND: 5241'  
 TOTAL DEPTH: 5850' KB

DATE: 12-13-93 lac

API NO.: 43-013-31384

NET REVENUE INT.: 0.72981781 Oil  
 0.65881769 Gas  
 SPUD DATE: 08-16-93  
 OIL GRAVITY: 34 API  
 BHT: 134 Deg.F

KB: 5254' (13' KB)  
 PLUG BACK TD: 5784' KB

**SURFACE CASING**

STRING: 1  
 CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24 lbs.  
 LENGTH: 6 jts @ 265.50'  
 DEPTH LANDED: 273' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sxs Class "G"  
 Cement to surface

**PRODUCTION CASING**

STRING: 1  
 SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5 lbs.  
 LENGTH: 136 jts @ 5833'  
 DEPTH LANDED: 5846' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 150 sxs Hilift Standard &  
 265 sxs 50-50 POZ  
 CEMENT TOP AT: 2860' KB from CBL

**TUBING RECORD**

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5 lbs.  
 NO. OF JOINTS: 166 jts @ 5076.45'  
 TUBING ANCHOR: None  
 NO. OF JOINTS: NA  
 SEATING NIPPLE: 2 7/8" x 1.1'  
 PERF. SUB: 2 7/8" x 3.2'  
 MUD ANCHOR: 2 7/8" x 30'  
 TOTAL STRING LENGTH: 5110.75'  
 SN LANDED AT: 5090.55' KB

**PERFORATION RECORD**

4890' KB, 4894' KB, 4895' KB 1 Shot Each Red 5  
 4900' KB, 4905' KB, 4906' KB 1 Shot Each Red 5  
 5041' KB, 5042' KB, 5043' KB, 5044' KB, 5048' KB  
 1 Shot Each Green 1  
 Proposed Reperf: 4888'-4896' w/2 SPF  
 5040'-5050' w/2 SPF

**SUCKER ROD RECORD**

1 - 1 1/4" x 16' Polished Rod SM  
 2 - 3/4" x 6' Ponies  
 1 - 3/4" x 8' Ponies  
 202 - 3/4" x 25' Plain Rods

**BREAK DOWN/ACID JOB**

4890'-4906' & 5041'-5048', Initial break 3100 psig  
 to 2400 psig @ 4 BPM. Start balls, balls on  
 perfs, balls off, surge balls back. Pump for  
 rate 6 BPM @ 3000 spig, ISIP @ 1500 psi. Frac  
 that followed did not work.  
 4890'-4905', Pump 250 gals 15% HCL, 2 balls  
 per bbl., 12 balls, Max 5.5 BPM @ 4000 psi,  
 Avg 5.0 BPM. Ball off, surge balls back,  
 pump for rate 4.9 BPM @ 2500 psi.  
 5041'-5043' Pump 250 gals 15% HCL, 2 balls  
 per bbl. Max 6 BPM @ 4500 psi, Avg 2 BPM.

PUMP SIZE: 2 1/2" X 1 1/2" X 16' RAHC  
 STROKE LENGTH: 88"  
 PUMP SPEED, SPM: 5.75 SPM  
 PUMP UNIT SIZE:

**FRAC JOB**

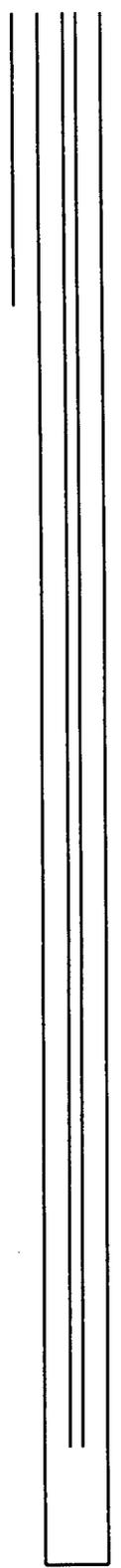
LOGS: Dual Laterolog, Micro-Spherically Focused  
 Log, Compensated Neutron, Gamma Ray

4890'-5048', Frac w/Western on 9-15-93.  
 Start pad @ 10.8 BPM @ 3000 psi, ISIP @  
 1600 psig. SHUT FRAC DOWN. WILL ACIDIZE.  
 4890'-5048', Frac w/Western on 9-17-93.  
 18,312 gals gelled KCL water w/37,300  
 lbs. 20-40 sand & 14,280 lbs 16-30 sand.  
 Avg 27.8 BPM @ 2850 psi, Max 28.3 BPM @  
 3340 psi. ISIP @ 3100 psi, 5 min @ 1510  
 psi, 10 min @ 1450 psi, 15 min @ 1420 psi.

BALCRON MONUMENT FEDERAL #22-5J  
SE NW SEC.5,T9S,R17E  
Lease No. U-020252  
MONUMENT BUTTE FIELD/JONAH UNIT  
DUCHESNE COUNTY, UTAH

BALCRON OIL  
2-18-94 lac

Wellbore Diagram



SURFACE CASING

8 5/8", J-55, 24#  
Six jts @ 265.50'  
Landed @ 273' KB  
Cement w/150 sxs Class "G"  
Cement to surface  
Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2", J-55, 15.5#  
136 jts @ 5833'  
Landed @ 5846' KB  
Cemented w/150 sxs Hilift Standard &  
265 sxs 50-50 POZ  
Cement Top @ 2860' KB from CBL  
Hole Size @ 7 7/8"

TUBING

2 7/8", J-55, 6.5#  
166 jts @ 5076.45'  
SN @ 2 7/8" x 1.1'  
Perf Sub @ 2 7/8" x 3.2'  
Mud Anchor @ 2 7/8" x 30'  
Total Tbg Length @ 5110.75'  
SN Landed @ 5090.55' KB

SUCKER ROD

1 - 1 1/4" x 16' Polished Rod SM  
2 - 3/4" x 6' Ponies  
1 - 3/4" x 8' Ponies  
202 - 3/4" x 25' Plain Rods

PUMP SIZE: 2 1/2" X 1 1/2" X 16' RAHC  
STROKE LENGTH: 88"  
PUMP SPEED, SPM: 5.75 SPM  
PUMP UNIT SIZE:

LOGS: Dual Laterolog, Micro-Spherically Focused  
Log, Compensated Neutron, Gamma Ray

BREAK DOWN/ACID JOB

4890'-4906'&5041'-5048', Initial break 3100 psig  
to 2400 psig @ 4 BPM. Start balls, balls on  
perfs, balls off, surge balls back. Pump for  
rate 6 BPM @ 3000 spig, ISIP @ 1500 psi. Frac  
that followed did not work.

4890'-4905', Pump 250 gals 15% HCL, 2 balls  
per bbl., 12 balls, Max 5.5 BPM @ 4000 psi,  
Avg 5.0 BPM. Ball off, surge balls back,  
pump for rate 4.9 BPM @ 2500 psi.

5041'-5043' Pump 250 gals 15% HCL, 2 balls  
per bbl. Max 6 BPM @ 4500 psi, Avg 2 BPM.

FRAC JOB

4890'-5048', Frac w/Western on 9-15-93.  
Start pad @ 10.8 BPM @ 3000 psi, ISIP @  
1600 psig. SHUT FRAC DOWN. WILL ACIDIZE.

4890'-5048', Frac w/Western on 9-17-93.  
18,312 gals gelled KCL water w/37,300  
lbs. 20-40 sand & 14,280 lbs 16-30 sand.  
Avg 27.8 BPM @ 2850 psi, Max 28.3 BPM  
@ 3340 psi. ISIP @ 3100 psi, 5 min @  
1510 psi, 10 min @ 1450 psi, 15 min @  
1420 psi.

PERFORATION RECORD

4890' KB, 4894' KB, 4895' KB 1 Shot Each Red 5  
4900' KB, 4905' KB, 4906' KB 1 Shot Each Red 5  
5041' KB, 5042' KB, 5043' KB, 5044' KB, 5048' KB  
1 Shot Each Green 1  
Proposed Reperf: 4888'-4896' w/2 SPF  
5040'-5050' w/2 SPF

PBTD @ 5784' KB  
TD @ 5850' KB

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT  
DECISION DOCUMENT**

**Applicant:** Balcron Oil      **Location:** Jonah Unit

**Wells:** Federal 31-7, 24-5, 22-5, 13-5

**Ownership Issues:** The proposed wells are located in sections 7 and 5, township 9 south, range 17 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 five 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 4638-5110 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 14 producing wells and 10 injection 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:** A public notice needs to be 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. A step rate test should be run once the wells have injected and stabilized to verify fracture gradient information.

DJJ  
Reviewers

04-14-94  
Date

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-149
APPROVAL TO CONVERT THE FEDERAL	:	
24-5, FEDERAL 22-5, FEDERAL 13-5,	:	
AND FEDERAL 31-7 WELLS LOCATED IN	:	
SECTIONS 5 & 7, TOWNSHIP 9 SOUTH,	:	
RANGE 17 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.

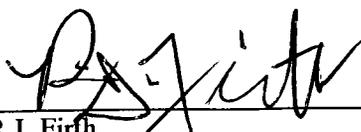
Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company ("Equitable") for administrative approval to convert the Federal 24-5, Federal 22-5, Federal 13-5, and Federal 31-7 Wells, located in Sections 5 & 7, Township 9 South, Range 17 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 4638 - 5110 feet, for the purpose of secondary recovery operations. Equitable is requesting a maximum injection pressure of 2145 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 15th day of April, 1994.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

  
\_\_\_\_\_  
R.J. Firth  
Associate Director, Oil and Gas

**Equitable Resources Energy Company  
Federal 24-5, Federal 22-5, Federal 13-5, and Federal 31-7 Wells  
Cause No. UIC-149**

Publication Notices were sent to the following:

Newspaper Agency Corporation  
Legal Advertising  
157 Regent Street  
Salt Lake City, Utah 84110

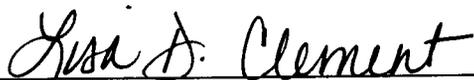
Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

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

Tom Pike  
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  
April 25, 1994



**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)

April 25, 1994

Newspaper Agency Corporation  
Legal Advertising  
157 Regent Street  
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-149

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  
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Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

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Lisa D. Clement  
Administrative Secretary

Enclosure  
WOI168

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

Newspaper Agency Corporation

The Salt Lake Tribune & DESERET NEWS

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 84	LE-5385340	05/03/94
FOR BILLING INFORMATION CALL (801) 237-2822		

ADVERTISER'S STATEMENT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE NO. UIC-149BEFOR 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 CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON MAY 03 1994

SIGNATURE

05/03/94

NOTICE OF AGENCY ACTION  
 CAUSE NO. UIC-149  
 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 FEDERAL 24-5, FEDERAL 22-5, FEDERAL 13-5, AND FEDERAL 31-7 WELLS LOCATED IN SECTION 5 & 7, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., 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 Federal 24-5, Federal 22-5, Federal 13-5, and Federal 31-7 wells, located in Section 5 & 7, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

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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 17th day of April, 1994.

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 /s/ R. J. Firth  
 Associate Director, Oil and Gas  
 4T820040

ACCOUNT NAME	TELEPHONE	
& MINING	801-538-5340	
SCHEDULE	AD NUMBER	
	4T820040	
CAPTION	MISC. CHARGES	
NOTICE OF AGENCY ACTION CAUSE NO. UIC-149BEFOR	.00	
TIMES	RATE	AD CHARGE
COLUMN 1	1.64	154.16
NET RECEIPT OF THIS INVOICE	TOTAL AMOUNT DUE	154.16

THANK YOU FOR USING LEGAL ADVERTISING.

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LEGAL ADV06-NT

ACCOUNT NUMBER	AD NUMBER	BILLING DATE	PAY THIS AMOUNT
LE-5385340	4T820040	05/03/94	154.16

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PLEASE REMIT TO:  
 NEWSPAPER AGENCY CORPORATION  
 P.O. BOX 45838  
 SALT LAKE CITY, UTAH 84145-0838

DIV OF OIL, GAS & MINING  
 355 WEST NORTH TEMPLE  
 3 TRIAD CENTER #350  
 SLC, UT 84180

07642470620040900000000000000015416187535817316510111111111111111126527

# AFFIDAVIT OF PUBLICATION

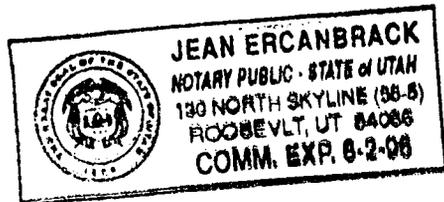
7/1/94

County of Duchesne,  
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 1 consecutive issues, and that the first publication was on the 3 day of May, 1994, and that the last publication of such notice was in the issue of such newspaper dated the 3 day of May, 1994.

Subscribed and sworn to before me this 5 day of May, 1994  
Jean Ercanbrack

Notary Public



## NOTICE OF AGENCY ACTION

CAUSE NO. UIC-149  
IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL TO CONVERT THE FEDERAL 24-5, FEDERAL 22-5, FEDERAL 13-5, AND FEDERAL 31-7 WELLS LOCATED IN SECTIONS 5 & 7, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, TO CLASS II INJECTION WELLS  
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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DATED this 15th day of April, 1994.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING R.J. Firth Associate Director, Oil and Gas

Published in the Uintah Basin Standard May 3, 1994

COPY



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)

May 24, 1994

Equitable Resources Energy Company  
Balcron Oil Division  
1601 Lewis Avenue  
Billings, Montana 59104

Re: Federal 24-5, Federal 22-5, Federal 13-5, and Federal 31-7 Wells Located in Sections 5 and 7, Township 9 South, Range 17 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,

A handwritten signature in black ink, appearing to read "R.J. Firth".

R.J. Firth  
Associate Director

cc: Dan Jackson, EPA  
Bureau of Land Management, Vernal



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

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

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

**UNDERGROUND INJECTION CONTROL PERMIT**

**Cause No. UIC-149**

**Operator:** Equitable Resources Company  
**Wells:** Federal 24-5, Federal 22-5, Federal 13-5 and  
Federal 31-7  
**Location:** Sections 5 and 7, Township 9 S, Range 17 E,  
Duchesne County  
**API No.:** 43-013-31375, 43-013-31384  
43-013-31370, 43-013-31405  
**Well Type:** Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Wells issued on May 24, 1994.
2. Maximum Allowable Injection Pressure: 2145 psig
3. Maximum Allowable Injection Rate: 600 barrels per day

Approved by:

R.J. Firth  
Associate Director, Oil and Gas

Date

3160-5  
1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SEP 21 1994

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.  
See attached listing

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

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation  
Jonah Unit

Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
See attached listing

Name of Operator  
Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.  
See attached listing

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

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

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

11. County or Parish, State

See attached listing

Duchesne County, UTAH

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

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

Operator intends to convert the wells on the attached listing to water injection in accordance with the attached injection well completion diagrams. Water will be injected at a rate of 5-6 STBWPDP per foot of pay (average 180-200 STBWPDP). The proposed conversion will commence as soon as approval is received from the BLM and the State of Utah. Injection will commence as soon as approval of the UIC permit is received.

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

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

Title Regulatory and Environmental Specialist

Date 9-19-94

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.

BALCRON MONUMENT FEDERAL #22-5J  
 SE NW SEC.5, T9S, R17E  
 Lease No. U-020252  
 MONUMENT BUTTE FIELD/JONAH UNIT  
 DUCHESNE COUNTY, UTAH

BALCRON OI  
 6-26-94

Proposed Injection well Completion Diagram

Elev.GR @ 5241'  
 Elev.KB @ 5254' KB

SURFACE CASING

8 5/8", J-55, 24#  
 Six jts @ 265.50'  
 Landed @ 273' KB  
 Cement w/150 sxs Class "G"  
 Cement to surface  
 Hole Size @ 12 1/4"

← 267' KB

PRODUCTION CASING

5 1/2", J-55, 15.5#  
 136 jts @ 5833'  
 Landed @ 5846' KB  
 Cemented w/150 sxs Hilift Standard &  
 265 sxs 50-50 POZ  
 Cement Top @ 2860' KB from CBL  
 Hole Size @ 7 7/8"

- Uinta Formation Surface to 1400'

TUBING

2 7/8", J-55, 6.5#  
 SN @ 2 7/8" x 1.10'  
 SN Landed @ 4824' KB

← Cement Top @ 2860' KB

- Green River Formation 1400' to 4100'

Retrievable Csg Tension Packer  
 Model: Arrow Set-1  
 Landed @ 4828' KB

← Retrievable Csg Tension Packer @ 4828' KB

Proposed Injection Horizons

4888'- 4896' (8') RED5  
 4900', 4905', 4906' RED5  
 5040'- 5050' (10') GREEN5

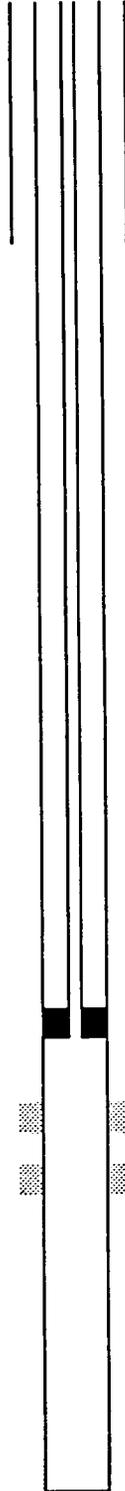
PERFORATION RECORD

4890', 4894', 4895' One Shot Each RED5  
 4900', 4905', 4906' One Shot Each RED5  
 5041', 5042', 5043', 5044', 5048' 1 Shot GREEN1

Proposed Reperf: 4888'- 4896' (8') w/2 SPF  
 5040'- 5050' (10') w/2 SPF

- Douglas Creek Member 4100 - 5350 ft.  
 - Wasatch Fm. Transition 5350 - 6000ft.  
 PBTD @ 5784' KB  
 TD @ 5850' KB

- Wasatch Formation 6000 ft.

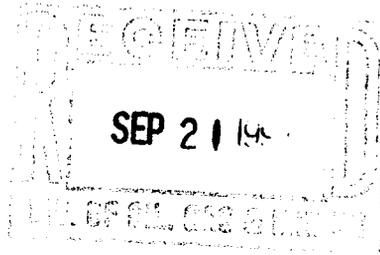




**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**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 19, 1994

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

Enclosed are Notices of Intent to convert the four wells on the enclosed list to water injection.

Sincerely,

Bobbie Schuman  
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Dan Jarvis, Utah Division of Oil, Gas and Mining

Balcron Monument Federal #13-5  
NW SW Section 5, T9S, R17E  
Duchesne County, Utah  
1980' FNL, 660' FWL  
Federal Lease #U-020252  
API #43-013-31370  
Jonah Unit  
Monument Butte Field/Green River Formation

Balcron Monument Federal #22-5  
SE NW Section 5, T9S, R17E  
Duchesne County, Utah  
1853' FNL, 1980' FWL  
Federal Lease #U-020252  
API #43-013-31384  
Jonah Unit  
Monument Butte Field/Green River Formation

Balcron Monument Federal #24-5  
SE SW Section 5, T9S, R17E  
Duchesne County, Utah  
765' FSL, 2243' FWL  
Federal Lease #U-020252  
API #43-013-31375  
Jonah Unit  
Monument Butte Field/Green River Formation

Balcron Monument Federal #31-7J  
NW NE Section 7, T9S, R17E  
Duchesne County, Utah  
831' FNL, 1782' FEL  
Federal Lease #U-44426  
API #43-013-31405  
Jonah Unit  
Monument Butte Field/Green River Formation



EQUITABLE RESOURCES  
ENERGY COMPANY

BALCRON OIL DIVISION

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

OCT 18

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

October 17, 1994

-- VIA FEDERAL EXPRESS --

Mr. Gus Stolz  
Environmental Protection Agency  
UIC Program (Mail Code 8WM-DW)  
999 - 18th Street  
Suite 500  
Denver, CO 80202-2405

Dear Mr. Stolz:

Enclosed are Well Rework Records and copies of the Mechanical Integrity Tests which were run on the following wells:

Balcron Monument Federal #13-5J  
Balcron Monument Federal #22-5J  
Balcron Monument Federal #31-7J  
Balcron Monument Federal #24-5J

Also enclosed are the original charts for these wells. This should complete the necessary paperwork and we are requesting verbal approval to commence injection as soon as possible.

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

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining  
Bureau of Land Management, Vernal District



# United States Department of the Interior

TAKE PRIDE IN AMERICA

## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

IN REPLY REFER TO:

Phone (801) 789-1362

FAX (801) 789-3634

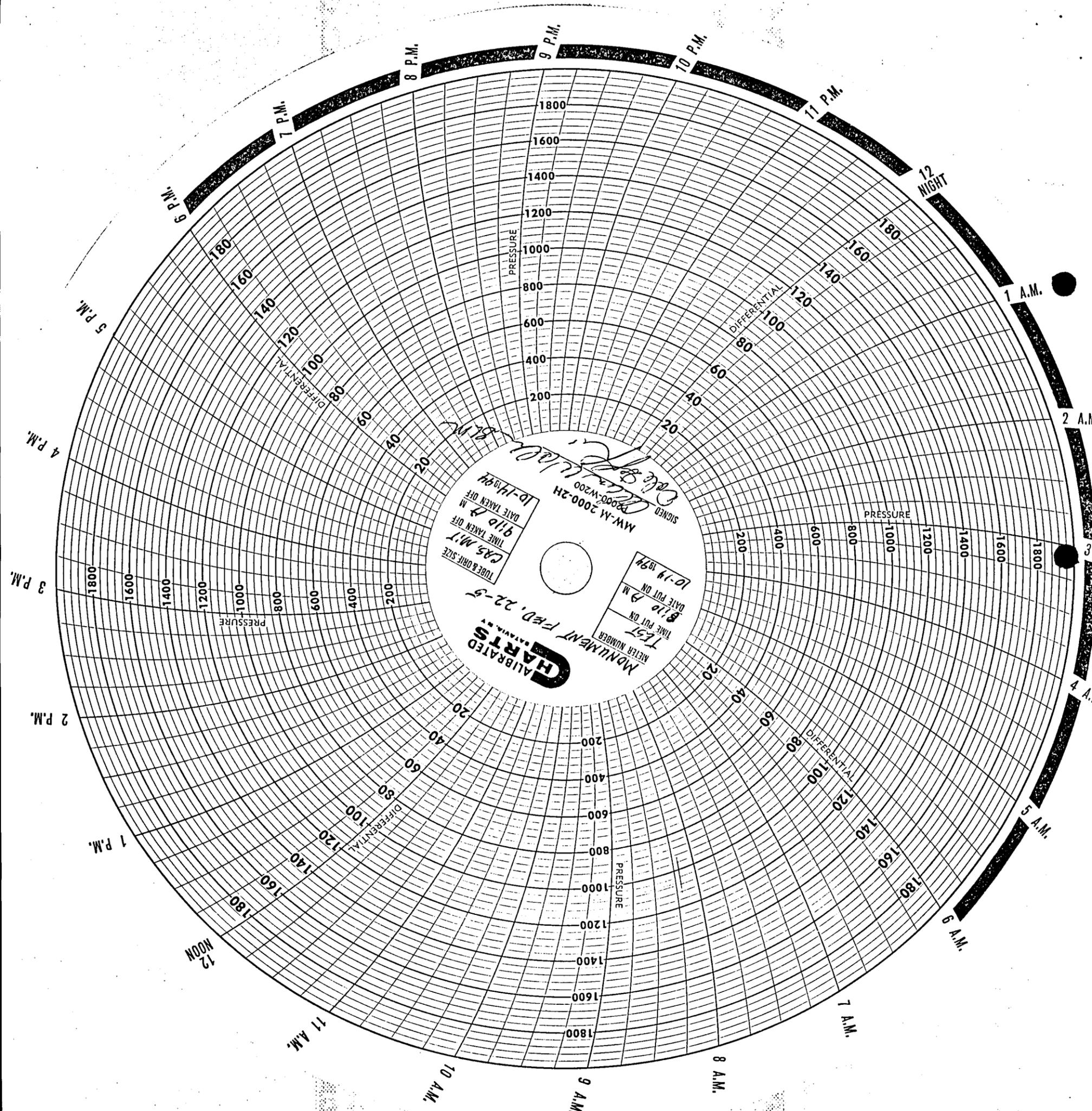
### MECHANICAL INTEGRITY PRESSURE TEST CASING/TUBING ANNULUS

Lease No. 720252 Unit UTU-720864  
 Company Name: Dalcom Date: 10-14-94  
 Well Name: Monument Fed 22-5 Permit No. UTU 2642-04209  
 Field Name: Monument Buttes County: Duchesne  
 Well Location: SE/ NW Sec 5 T 9S R 17E  
 Well Type: SWD ER 2H Other: Injector  
 Type of Packer: Arrow Set Total Depth: 5850  
 Packer Set at (depth): 4828 FT  
 Surface Casing Size: 8 7/8 From: Surface FT to 267 FT  
 Casing Size: 5 1/2 From: " FT to 5846 FT  
 Tubing Size: 2 7/8 Tubing Pressure during Test: 450 psig  
 Time of Day: 9:10 am/pm  
 Fluid in Annulus: 55 Gal Corxon R-2383 Fluid w/ 75 BBL 2% KCL water

	Test #1	Test #2
0 Min:	<u>1070</u> psig	<u>          </u> psig
5	<u>1070</u> psig	<u>          </u> psig
10	<u>1070</u> psig	<u>          </u> psig
15	<u>"</u> psig	<u>          </u> psig
20	<u>"</u> psig	<u>          </u> psig
25	<u>"</u> psig	<u>          </u> psig
30	<u>"</u> psig	<u>          </u> psig
35	<u>"</u> psig	<u>          </u> psig
40	<u>"</u> psig	<u>          </u> psig
45	<u>"</u> psig	<u>          </u> psig
50	<u>"</u> psig	<u>          </u> psig
55	<u>"</u> psig	<u>          </u> psig
60	<u>1070</u> psig	<u>          </u> psig

Test Conducted by: Dale Griffin  
 Inspected by: Max Walker  
 Other Present: None

OCT 18



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



**WELL REWORK RECORD**

NAME AND ADDRESS OF PERMITTEE <b>Equitable Resources Energy Company, Balcron Oil Division</b> P.O. Box 21017 Billings, MT 59104	NAME AND ADDRESS OF CONTRACTOR <b>Cannon Well Service (Rig #2)</b> P.O. Box 906 Vernal, UT 84078
---	--

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES  	STATE	COUNTY	PERMIT NUMBER
	UTAH	Uintah	UT2642-04209
	SURFACE LOCATION DESCRIPTION ¼ OF SE ¼ OF NW ¼ SECTION 5 TOWNSHIP 9S RANGE 17E LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location <u>1853'</u> ft. from (N/S) <u>N</u> Line of quarter section and <u>1980'</u> ft. from (E/W) <u>W</u> Line of quarter section		
WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage		Total Depth Before Rework PBDT <u>5784'</u> KB Total Depth After Rework PBDT <u>5784'</u> KB	TYPE OF PERMIT <input type="checkbox"/> Individual <input checked="" type="checkbox"/> Area Number of Wells <u>13</u>
Lease Name  Balcron Monument Federal		Date Rework Commenced <u>9/27/94</u> Date Rework Completed <u>9/29/94</u>	Well Number  #22-5J

WELL CASING RECORD — BEFORE REWORK						
Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
8-5/8"	273'	150	G	4890'	4906'	Frac 18606 gals Viking-I gel w/37,300 lbs 20-40 mesh sand & 14,280 lbs 16-30 mesh sand
5-1/2"	5846'	150	Hilift	5041'	5048'	
		265	50-50			

WELL CASING RECORD — AFTER REWORK (Indicate Additions and Changes Only)						
Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	
5-1/2"	5846'			Reperforate		
				4888	4896	
				5040	5050	

DESCRIBE REWORK OPERATIONS IN DETAIL USE ADDITIONAL SHEETS IF NECESSARY	WIRE LINE LOGS, LIST EACH TYPE	
	Log Types	Logged Intervals
Reperforate the RED5 & GREEN1 zones. Convert well to injection by setting an Arrow set-1 packer on 2-7/8" tubing at 4831' KB and loaded backside w/Cortron-2383 packer fluid.		

**CERTIFICATION**

*I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32).*

NAME AND OFFICIAL TITLE (Please type or print) Bobbie Schuman Regulatory and Environmental Specialist	SIGNATURE 	DATE SIGNED October 17, 1994
---	---------------	---------------------------------

**BALCRON OIL****WELL REPORT**

WELL NAME: Balcron Monument Federal 22-5J  
 FIELD: Monument Butte  
 FEDERAL LEASE NO.: U-020252  
 LOCATION: SE NW Section 5, T9S, R17E  
 COUNTY/STATE: Duchesne, Utah  
 WORKING INTEREST: 0.8050795506  
 PRODUCING FORMATIO: Green River  
 COMPLETION DATE: 10-1-93  
 INITIAL PRODUCTION: 28 STBOPD, 16.8 MSCFBD, 5 STB  
 OIL/GAS PURCHASER: Amoco  
 PRESENT PROD STATUS: Producing Oil Well  
 ELEVATIONS - GROUND: 5241.7'  
 TOTAL DEPTH: 5850'

DATE: 7-24-94/ww  
 API NO.: 43-013-31384

NET REVENUE INT.: Oil - 0.73831617  
 Gas - 0.66359285  
 SPUD DATE: 8-16-93  
 OIL GRAVITY: 34  
 BHT:

KB: 5254.7' (13'KB)  
 PLUG BACK TD: 5784' from Comp. Rpt.

**SURFACE CASING****PRODUCTION CASING**

-----  
 STRING: 1  
 SIZE: 8-5/8"  
 GRADE: None Given  
 WEIGHT: 24#  
 LENGTH: 6 jnts @ 265.5'  
 HOLE SIZE: 12-1/4"  
 DEPTH LANDED: 273' KB  
 CEMENT DATA: 150 sxs Class "G" w/2% CCL  
 1/4#/sx Celoflake

-----  
 STRING: 1  
 SIZE: 5-1/2"  
 GRADE: None Given  
 WEIGHT: 15.5#  
 LENGTH: 135 jnts @ 5774.3'  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5833.07'  
 CEMENT DATA: 150 sxs hilit, tail w/265  
 sxs 50-50 POZ  
 CEMENT TOP AT:

**TUBING RECORD****PERFORATION RECORD**

-----  
 SIZE/GRADE/WT: 2-7/8", J-55  
 NO. OF JOINTS: 166 @ 5076.45'  
 TUBING ANCHOR: None  
 NO. OF JOINTS: N/A  
 SEATING NIPPLE: 2-7/8" x 1.10'  
 PERF. SUB: 2-7/8" x 3.20'  
 MUD ANCHOR: 2-7/8" x 29.95'  
 TOTAL STRING LENGTH: 5089.45' KB  
 SN LANDED AT: 5090.55' KB

-----  
 9-14-93 4890', 4894', 4895', 4900', 4903', 4906',  
 5041', 5042', 5043', 5044' & 5048'.  
 All one shot each (total of 10 shots)

**ACID JOB**

-----  
 4890' - 5048' 9-17-93 by Western w/250 gals 15% HCL,  
 2 balls per bbl. Max 4500 psi, max rate 6 B

**SUCKER ROD RECORD****FRAC JOB**

-----  
 1 - 1-1/4" x 16' Polish Rod  
 2 - 3/4" x 6' Pony  
 1 - 3/4" x 8' Pony  
 202 - 3/4" x 25' Plain Rods

-----  
 4890' - 5048' 9-15-93 by Western w/37,300#  
 20/40 mesh sand & 14,280# 16/30  
 mesh sand w/443 bbls 2% KCL wtr.

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC  
 w/PA Plunger  
 STROKE LENGTH: 88"  
 PUMP SPEED, SPM: 5.75 SPM  
 PUMPING UNIT SIZE:

LOGS: Dual Laterlog - Micro SFL,

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

3. Lease Designation and Serial No.

U-020252

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 #22-5

9. API Well No.

43-013-31384

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 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)

SE NW Section 5, T9S, R17E  
1853' FNL, 1980' FWL

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

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  
(This space for Federal or State office use)

Tide Regulatory and Environmental Specialist

Date January 12, 1995

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Tide \_\_\_\_\_ Date \_\_\_\_\_



BALCRON MONUMENT FEDERAL #22-5J  
 SE NW SEC.5, T9S, R17E  
 1853' FNL & 1980' FWL  
 Lease No. U-020252  
 MONUMENT BUTTE FIELD/JONAH UNIT  
 DUCHESNE COUNTY, UTAH

BALCRON OIL  
 1-9-95 JZ

Injection well Completion Diagram

Elev.GR @ 5241'  
 Elev.KB @ 5254' KB

EPA PERMIT NO.: UT2642-04209  
 UTAH CAUSE NO.: UIC-149

SURFACE CASING

8 5/8", J-55, 24#  
 Six jts @ 265.50'  
 Landed @ 273' KB  
 Cement w/150 sxs Class "G"  
 Cement to surface  
 Hole Size @ 12 1/4"

<- 267' KB

PRODUCTION CASING

5 1/2", J-55, 15.5#  
 136 jts @ 5833'  
 Landed @ 5846' KB  
 Cemented w/150 sxs Hilift Standard &  
 265 sxs 50-50 POZ  
 Cement Top @ 2860' KB from CBL  
 Hole Size @ 7 7/8"

- Uinta Formation Surface to 1400'

<- Cement Top @ 2860' KB

TUBING/INJECTION STRING

2 7/8", 6.5#, J-55  
 153 jnts @ 4810.99'  
 SN @ 2 7/8" X 1.1' (2.25" ID)  
 5.5" Arrow Set-1 Pkr @ 6.20'  
 Total String Length @ 4818.29'  
 SN Landed @ 4825.09' KB  
 Packer Landed @ 4831.29' KB

- Green River Formation 1400' to 4100'

<- Arrow Set-1 Packer @ 4831' KB

2 7/8" SN ID @ 2.25".  
 Arrow Set-1 Pkr set w/ 18" Tension.  
 Packer fluid - 55 gals Champion Cortron #23-83  
 w/ 60 STBW.

22%

PERFORATION RECORD

12%

4890', 4894', 4895' One Shot Each RED5  
 4900', 4905', 4906' One Shot Each RED5  
 5041', 5042', 5043', 5044', 5048' 1 Shot GREEN1

15%

51%

Reperforated on 9-27-94:  
 4888'- 4896' w/2 SPF RED5  
 5040'- 5050' w/2 SPF GREEN1

Injection Horizons

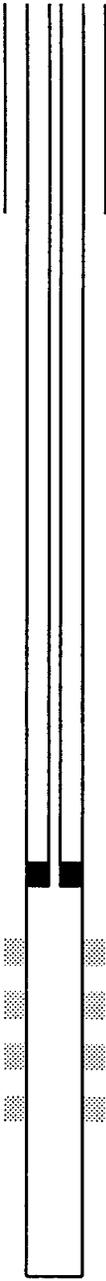
4888'- 4906' KB RED5  
 5040'- 5050' KB GREEN5

- Douglas Creek Member 4100 - 5350 ft.  
 - Wasatch Fm. Transition 5350 - 6000ft.

Tracer Survey ran 12-14-94.

PBTD @ 5784' KB  
 TD @ 5850' KB

- Wasatch Formation 6000 ft.



## BALCRON OIL

## WELL REPORT

WELL NAME: Balcron Monument Federal #22-5J  
 FIELD: Monument Butte/Jonah Unit  
 FEDERAL LEASE NO.: U-020252  
 LOCATION: SE NW Sec.5, T9S, R17E  
 1853' FNL & 1980' FWL  
 COUNTY/STATE: Duchesne County, Utah  
 WORKING INTEREST: 0.805079506  
 PRODUCING FORMATION: Green River  
 COMPLETION DATE: 10-01-93  
 INITIAL PRODUCTION: 28 STBOPD, 17 MCFPD, 5 STBWPD  
 LAST PRODUCTION: 5 STBOPD, 15 MCFPD, 0 STBWPD  
 PRESENT PROD STATUS: Water Injection Well  
 Started Water Injection 10-20-94  
 CONVERSION TO INJ.: 9-29-94  
 INJECTION RATE: 100 STBWPD  
 ELEVATIONS - GROUND: 5241'  
 TOTAL DEPTH: 5850' KB

DATE: 6-26-94

API NO.: 43-013-31384  
 EPA PERMIT NO.: UT2642-04209  
 UTAH CAUSE NO.: UIC-149  
 NET REVENUE INT.: 0.73831617 Oil  
 0.66359285 Gas  
 SPUD DATE: 08-16-93  
 OIL GRAVITY: 34 API  
 BHT: 134 Deg.F

LAST MIT DATE: 10-14-94  
 1070 psig for 1 hr, no loss.  
 KB: 5254' (13' KB)  
 PLUG BACK TD: 5784' KB

## SURFACE CASING

STRING: 1  
 CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24 lbs.  
 LENGTH: 6 fts @ 265.50'  
 DEPTH LANDED: 273' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sxs Class "G"  
 Cement to surface

## PRODUCTION CASING

STRING: 1  
 SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5 lbs.  
 LENGTH: 136 fts @ 5833'  
 DEPTH LANDED: 5846' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 150 sxs Hillft Standard &  
 265 sxs 50-50 POZ  
 CEMENT TOP AT: 2860' KB from CBL

## TUBING/INJECTION STRING

Injection Equipment & Size	Length FT.	Setting Depth FT. (w/13' KB)
KB	13.00	
1) 153 jnts 2 7/8" tbg	4810.99	4823.99
2) 2 7/8" SN (2.25" ID)	1.10	4825.09
3) 5.5" Arrow Set-1 Pkr End of Tubing	6.20	4831.29

Injection Packers Set 9-28-94 By Mtn States.

2 7/8" SN ID @ 2.25".  
 Arrow Set-1 Pkr set w/ 18" Tension.  
 Packer fluid - 55 gals Champion Cortron #23-83 w/60 STBW.

## Injection Horizons

4890'- 4906' KB RED5  
 5040'- 5050' KB GREEN1

LOGS: Dual Laterolog, Micro-Spherically Focused  
 Log, Compensated Neutron, Gamma Ray

## PERFORATION RECORD

4890', 4894', 4895' One Shot Each RED5  
 4900', 4905', 4906' One Shot Each RED5  
 5041', 5042', 5043', 5044', 5048' 1 Shot GREEN1

Reperforated on 9-27-94:  
 4888'- 4896' w/2 SPF RED5  
 5040'- 5050' w/2 SPF GREEN1

## BREAK DOWN/ACID JOB

4890'- 4906' & 5041'- 5048', Initial break 3100  
 psig to 2400 psig @ 4 BPM. Start balls, balls on  
 perfs, balls off, surge balls back. Pump for  
 rate 6 BPM @ 3000 spg, ISIP @ 1500 psi. Frac  
 that followed did not work.

4890'- 4905', Pump 250 gals 15% HCL, 2 balls  
 per bbl., 12 balls, Max 5.5 BPM @ 4000 psi,  
 Avg 5.0 BPM. Ball off, surge balls back,  
 pump for rate 4.9 BPM @ 2500 psi.

5041'- 5043' Pump 250 gals 15% HCL, 2 balls  
 per bbl. Max 6 BPM @ 4500 psi, Avg 2 BPM.

4888'- 4896' KB, breakdown w/Western 9-27-94  
 2394 gals 2% KCl water w/50 ball sealers.  
 6 STBPM @ 3000 psig, ISIP @ 2000 psig.

5040'- 5050' KB breakdown w/Western 9-27-94  
 6762 gals 2% KCl water w/50 ball sealers.  
 6 STBPM @ 2900 psig, ISIP @ 1800 psig.

## FRAC JOB

4890'- 5048', Frac w/Western on 9-15-93.  
 Start pad @ 10.8 BPM @ 3000 psi, ISIP @  
 1600 psig, shut frac down, will acidize.  
 4890'- 5048', Frac w/Western on 9-17-93.  
 18,312 gals gelled KCL water w/37,300  
 lbs. 20-40 sand & 14,280 lbs 16-30 sand.  
 Avg 27.8 BPM @ 2850 psi, Max 28.3 BPM @  
 3340 psi. ISIP @ 3100 psi, 5 min @ 1510  
 psi, 10 min @ 1450 psi, 15 min @ 1420 psi.

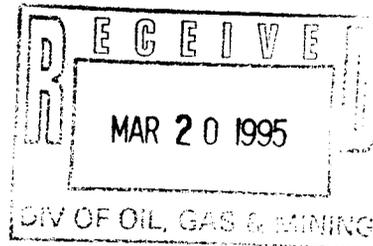


**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

**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**

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



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**

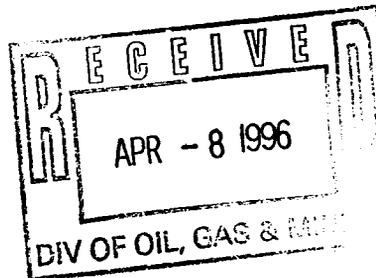
**BALCRON OIL DIVISION**

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  
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.

1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: <u>See attached listing</u>	5. Lease Designation and Serial Number: <u>See attached listing</u>
2. Name of Operator: <u>Equitable Resources Energy Company, Balcron Oil Division</u>	6. If Indian, Allottee or Tribe Name: <u>n/a</u>
3. Address and Telephone Number: <u>1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860</u>	7. Unit Agreement Name: <u>See attached listing</u>
4. Location of Well Footages: <u>See attached listing</u> County: <u>See attached list</u> CQ, Sec., T., R., M.: _____ State: <u>UTAH</u>	8. Well Name and Number: <u>See attached listing</u>
9. API Well Number: <u>See attached listing</u>	10. Field and Pool, or Wildcat: <u>See attached listing</u>

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)																										
<table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandon</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Repair Casing</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recomplete</td> </tr> <tr> <td><input type="checkbox"/> Convert to Injection</td> <td><input type="checkbox"/> Reperforate</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat or Acidize</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table>	<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 _____		<table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandon *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Repair Casing</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Reperforate</td> </tr> <tr> <td><input type="checkbox"/> Convert to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat or Acidize</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <u>Operator name change</u></td> <td></td> </tr> </table>	<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>	
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<input type="checkbox"/> Fracture Treat or Acidize	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>Operator name change</u>																											
Approximate date work will start _____	Date of work completion _____ <small>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.</small>																										

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: March 27, 1996  
Bobbie Schuman

(This space for State use only)

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. #22-20-9-18Y	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					
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

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

QQ, 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)

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LEP 7-SJ
2	DTS 58-FILE
3	VLD (GIL)
4	RJH
5	JEC
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                              ~~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>	<u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
	phone <u>(406) 259-7860</u>	<u>BILLINGS MT 59102-4126</u>
	account no. <u>N9890</u>	phone <u>(406) 259-7860</u>
		account no. <u>N9890</u>

**Well(s)** (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>D13-31384</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-4-96 & 4-8-96)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yes 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yes 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- Yes* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)**

*# 5578314 (\$80,000) Schwa Ins. Co. (Bond Rider In Progress)*

- Yes* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A* 3. The former operator has requested a release of liability from their bond (yes/no)     . Today's date                      19    . If yes, division response was made by letter dated                      19    .

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19    , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 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**

- VDR* 1. All attachments to this form have been microfilmed. Date: May 20 1996.

**FILING**

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

**COMMENTS**

*9/20/10 BLM/BIA "Formal approval not necessary"*

RECEIVED  
OCT 10 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

RECEIVED  
OCT 13 1997

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 Environ. Manager  
Approval Date 1-20-98 CAUSE # 228-2

OCT 20 1997  
DIV. OF OIL & GAS

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 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31417-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #14-11	SWSW 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31374-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE #12-12	SWNW 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31410-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #14-12	SWSW 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31411-00		UTU72086A
✓ MONUMENT BUTTE #21-14	NENW 14 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31421-00		UTU72086A
✓ MONUMENT BUTTE #23-11	NESW 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31369-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #23-15	NESW 15 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31373-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE #32-11	SWNE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31386-00		UTU72086A
✓ MONUMENT BUTTE #32-12	SWNE 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31419-00		UTU72086A
✓ MONUMENT BUTTE #41-14	NENE 14 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31408-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #43-11	NESE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31002-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #32-15	SWNE 15 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31368-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #34-10	SWSE 10 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31416-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #41-15	NENE 15 9S 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 GOVT #4	NESW 12 9S 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 11 9S 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

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	<del>16E</del>	5	INJW 17E	Y
EQUITABLE RE	43-013-31416	34-10J	09S	16E	10	INJW	N
EQUITABLE RE	43-013-31002	43-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31369	23-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31417	12-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31386	32-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31003	FEDERAL 34-1	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31374	14-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31411	14-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-30742	GOVT C&O #4	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31419	32-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE	43-013-31492	11-7J	9S	17E	7	INJW	N



**EQUITABLE RESOURCES  
ENERGY COMPANY**

**WESTERN REGION**

**(406) 259-7860 Telephone**

**(406) 245-1361 Fax**

December 10, 1997

Lisha  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

A handwritten signature in cursive script that reads "Molly Conrad".

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.*

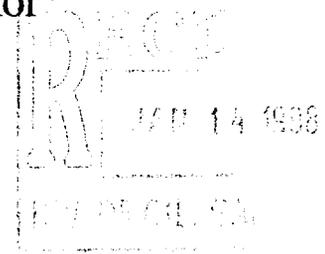
NOTE: *Here is the letter you requested.  
Call if you need anything  
further.*



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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



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
<del>UTU72086A</del>	<del>430133140600X1</del>	<del>21-12J</del>	<del>NENW</del>	<del>12</del>	<del>9S</del>	<del>16E</del>	<del>ABD</del>	<del>UTU096550</del>	<del>EQUITABLE RESOURCES ENERG</del>
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
<del>UTU72086A</del>	<del>430133142200X1</del>	<del>21-15J</del>	<del>NENW</del>	<del>15</del>	<del>9S</del>	<del>16E</del>	<del>ABD</del>	<del>UTU017985</del>	<del>EQUITABLE RESOURCES ENERG</del>
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

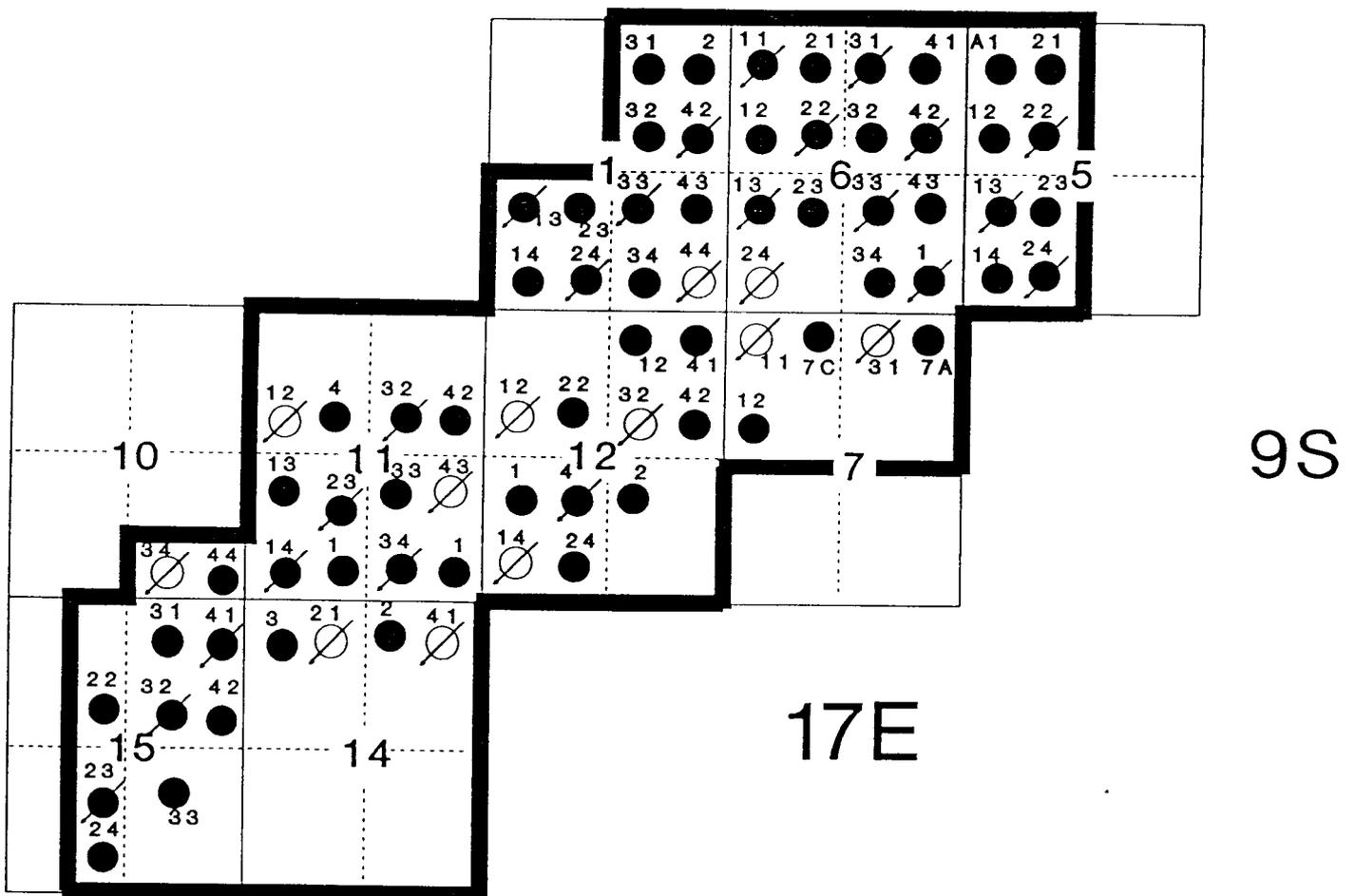
WELL STATUS REPORTS  
UTAH STATE OFFICE

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	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

# JONAH (GREEN RIVER) UNIT

## DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

<p>SECONDARY ALLOCATION FEDERAL 100.00%</p>
---

# OPERATOR CHANGE WORKSHEET

Routing	
1-LEC ✓	6-VL ✓
2-CAH ✓	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

<b>TO:</b> (new operator)	<u>INLAND PRODUCTION COMPANY</u>	<b>FROM:</b> (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&amp;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: <b>**SEE ATTACHED**</b>	API: <u>43-D13-31384</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 12-10-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 10-13-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-14-98) \* UIC/Qua Hro Pro 1-14-98 & UIC/DBase 1-14-98.*
- lec 6. **Cardex** file has been updated for each well listed above.
- lec 7. Well **file labels** have been updated for each well listed above.
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-14-98)*
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

- JHC 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.  
*Entity 11492 "Jonah (OP) Unit"*
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A/JHC 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/JHC 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**

- VB 1. All attachments to this form have been **microfilmed**. Today's date: 2.3.98.

**FILING**

- 1. **Copies** of all attachments to this form have been filed in each **well file**.
- 2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

**COMMENTS**

980114 btm/SY Aprv. eff. 1-13-98.

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

OPERATOR *****	API NO. *****	WELL *****	TNS ***	RGE ***	SE **	WELLTYPE *****	INDIAN COUNT *****
EQUITABLE RE	✓43-013-31410	12-12J	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	✓43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	✓43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	✓43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	✓43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	✓43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	✓43-013-31384	22-5	09S	17E	5	INJW	Y
EQUITABLE RE	✓43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	✓43-013-31492	11-7J	09S	17E	7	INJW	Y
EQUITABLE RE	✓43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-047-20252	E. RED WASH	08S	25E	5	INJW	N
EQUITABLE RE	43-047-20261	ERW 4-6	08S	25E	6	INJW	Y
EQUITABLE RE	43-047-32346	42-6X	08S	25E	6	INJW	N
EQUITABLE RE	43-047-20245	AMERADA GUIN	08S	25E	7	INJW	Y
EQUITABLE RE	43-013-30666	44-7	09S	17E	7	INJW	Y
EQUITABLE RE	43-013-31382	13-8	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-31427	33-8	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-30675	24-8	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-30643	44-8-17B	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-31580	13-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	43-013-30616	11-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	43-013-31145	22-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	43-013-30518	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-30499	POMCO 5	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-30516	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-31428	31-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-31581	33-17-9-17B	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-31429	22-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-31467	42-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-047-32610	22-2	09S	17E	2	INJW	Y
EQUITABLE RE	43-013-31425	14-2	09S	17E	2	INJW	Y
GIANT EXPLOR	43-037-15042	GOTHIC MESA	41S	23E	16	INJD	Y
GIANT EXPLOR	43-037-20292	SENTINEL PEA	41S	26E	27	INJD	Y
GIANT EXPLOR	43-037-16452	9-24	41S	23E	9	INJI	Y
HAY HOT OIL	43-037-30521	MCCRACKEN PT	40S	23E	19	INJI	N
INLAND PRODU	43-013-30843	MONUMENT BUT	08S	16E	34	INJW	Y
INLAND PRODU	43-013-31559	15-25	08S	16E	25	INJW	N
INLAND PRODU	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW	N
INLAND PRODU	43-013-30808	FED 1-34	08S	16E	34	INJW	N
INLAND PRODU	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW	N
INLAND PRODU	43-013-30606	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30745	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31514	1A-35	08S	16E	35	INJW	Y
INLAND PRODU	43-013-30605	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31264	MONUMENT FED	08S	16E	35	INJW	N
INLAND PRODU	43-013-30608	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30624	STATE 5-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30592	STATE 1-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30787	12-32	08S	17E	32	INJW	Y
INLAND PRODU	43-013-30779	FED 15-28	08S	16E	28	INJW	N
INLAND PRODU	43-013-31372	14A-28	08S	16E	28	INJW	N



PRODUCTION COMPANY  
A Subsidiary of Inland Resources Inc.

April 19, 2000

Division Oil and Gas & Mining  
Attn: Mr. Brad Hill  
1594 West North Temple - Suite 1210  
P. O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Monument Federal 22-5-9-17  
API # 43-013-31384, U-020252

Dear Mr. Brad Hill

Please find enclosed the results of a MIT test conducted today on the above referenced well. On 4-19-00 there was 1075 psi put on casing with 2160 psi on tubing there was no loss of pressure charted in a 1/2 hour test. The pressure was then released. This was a 5 year scheduled test.

If you have any questions or need further information, please don't hesitate to contact me. I can be reached at our Pleasant Valley Office at (435) 646-3721 or on my cellular at (435) 823-7977.

Sincerely,

Ron Shuck  
Production Foreman

Enclosures

cc: State of Utah - Division of Oil, Gas & Mining  
Jon Holst - Inland Resources  
Roosevelt & Denver Well Files

/rs

**RECEIVED**

APR 24 2000

DIVISION OF  
OIL, GAS AND MINING

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

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>  (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.)		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> <p style="text-align: center;"><b>U-020252</b></p>	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> injection		<b>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME</b>  <p style="text-align: center;">N/A</p>	
<b>2. NAME OF OPERATOR</b> <p style="text-align: center;"><b>INLAND PRODUCTION COMPANY</b></p>		<b>7. UNIT AGREEMENT NAME</b>  <p style="text-align: center;"><b>JONAH</b></p>	
<b>3. ADDRESS OF OPERATOR</b> <p style="text-align: center;"><b>Route 3 Box 3630, Myton Utah, 84052 (435) 646-3721</b></p>		<b>8. FARM OR LEASE NAME</b> <p style="text-align: center;"><b>MONUMENT FEDERAL 22-5</b></p>	
<b>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)</b> At surface  <p style="text-align: center;"><b>SE/NW 1853 FNL 1979 FWL</b></p>		<b>9. WELL NO.</b>  <p style="text-align: center;"><b>22-5-9-17</b></p>	
<b>14. API NUMBER</b> <p style="text-align: center;"><b>43-013-31384</b></p>		<b>10. FIELD AND POOL OR WILDCAT</b>  <p style="text-align: center;"><b>MONUMENT BUTTE</b></p>	
<b>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</b>  <p style="text-align: center;"><b>5248 KB</b></p>		<b>11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA</b> <p style="text-align: center;"><b>SE/NW Section 5, T09S R17E</b></p>	
<b>12. COUNTY OR PARISH</b> <p style="text-align: center;"><b>DUCHESNE</b></p>		<b>13. STATE</b> <p style="text-align: center;"><b>UT</b></p>	

**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"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>
(OTHER) <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
	FRACTURE TREATMENT <input type="checkbox"/>
	ALTERING CASING <input type="checkbox"/>
	SHOOTING OR ACIDIZING <input type="checkbox"/>
	ABANDONMENT* <input type="checkbox"/>
	(OTHER) <u>MIT on Casing</u> <input checked="" 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.)\*

The above referenced well had a MIT test done on the casing on 4-19-00. This was a 5 year annual test. The casing was pressured to 1075 psi with 2160 psi on tubing. No loss off pressure wash charted in 30 minutes. The pressure was then released.

**18 I hereby certify that the foregoing is true and correct.**

SIGNED <u>Ron Shuck</u>	TITLE <u>Production Foreman</u>	DATE <u>4/19/00</u>
Ron Shuck		

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE COPY SENT TO OPERATOR DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:  
**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

Date: 5-12-00  
Initials: EH

**RECEIVED**

APR 24 2000

DIVISION OF  
OIL, GAS AND MINING

\* See Instructions On Reverse Side

Date: 5/1/00  
By: [Signature]

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: None

Date: 4/19/00

Test conducted by: Ken Shuck

Others present: Matt Fillingham

Well Name: <u>Monument Federal 22-5-9-17</u>	Type: <u>(ER)</u> SWD	Status: <u>(AC)</u> TA UC
Field: <u>Tonah Unit</u>	<u>UT 2642-04209</u>	
Location: <u>SE/NW</u> Sec: <u>5</u> T <u>9</u> N <u>(S)</u> R <u>(E)</u> W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Inland Production</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>2200</u>	PSIG

**RECEIVED**

Is this a regularly scheduled test?  Yes  No

Initial test for permit?  Yes  No

Test after well rework?  Yes  No

Well injecting during test?  Yes  No

APR 24 2000

DIVISION OF  
OIL, GAS AND MINING

If Yes, rate: 28 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
<b>TUBING</b>		<b>PRESSURE</b>		
Initial Pressure	<u>2160</u> psig			psig
End of test pressure	<u>2170</u> psig			psig
<b>CASING / TUBING</b>		<b>ANNULUS PRESSURE</b>		
<u>4:45 PM</u> 0 minutes	<u>1075</u> psig			psig
5 minutes	<u>1075</u> psig			psig
10 minutes	<u>1075</u> psig			psig
15 minutes	<u>1075</u> psig			psig
20 minutes	<u>1075</u> psig			psig
25 minutes	<u>1075</u> psig			psig
<u>5:15 PM</u> 30 minutes	<u>1075</u> psig			psig
minutes	psig			psig
minutes	psig			psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No

# MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

5 yr. MIT on Casing

3' 10 1/2" in tank  
3' 10" to Fill Annulus  
3' 10 1/2" Flowed Back in to tank

1.16 BBLs Per Inch

RECEIVED

APR 24 2000

DIVISION OF  
OIL, GAS AND MINING

Signature of Witness:

*Ron Shrock*

## OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Do you agree with the reported test results?  YES  NO

If not, why? \_\_\_\_\_

Possible violation identified?  YES  NO

If YES, what \_\_\_\_\_

If YES - followup initiated?  YES

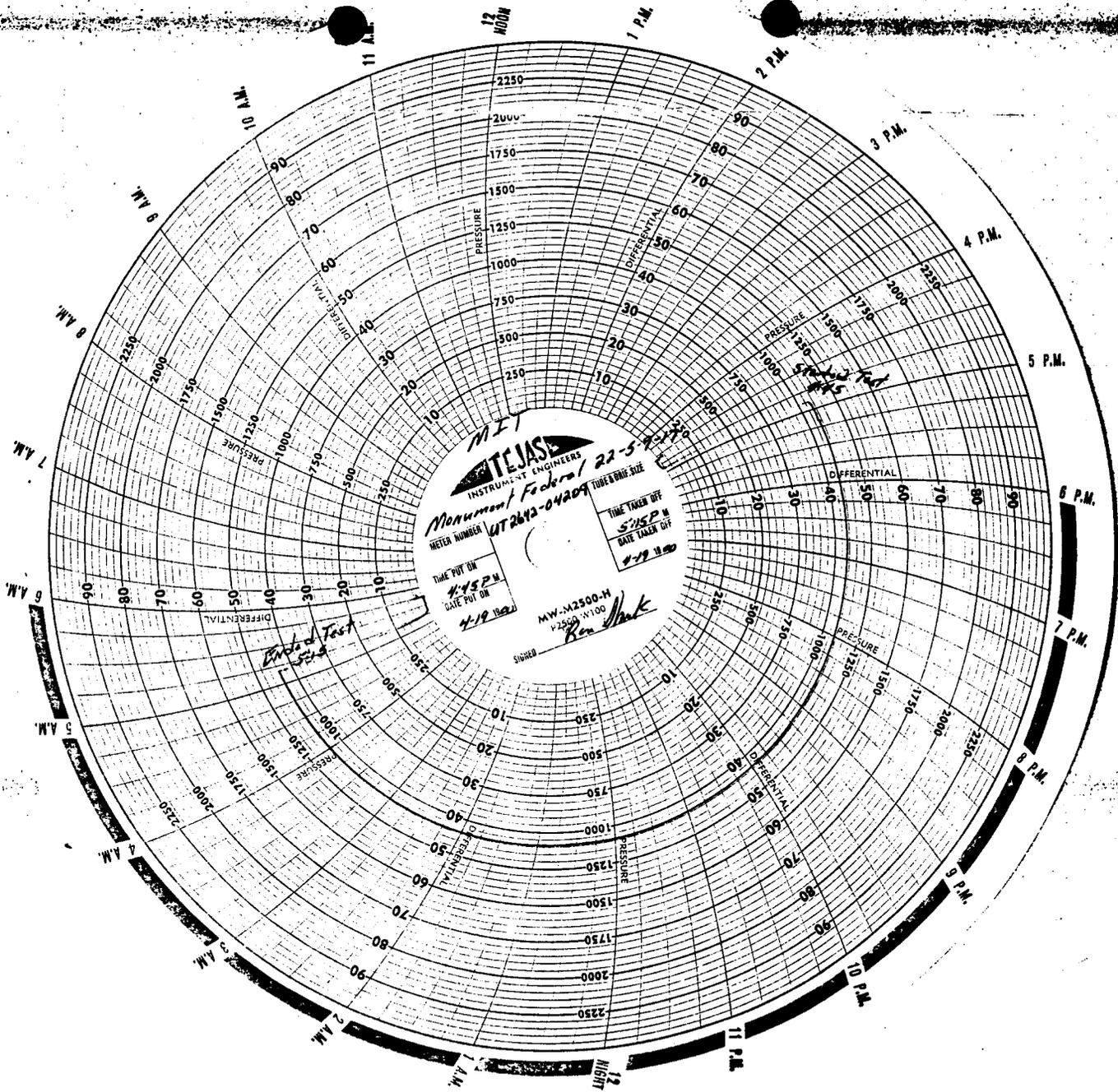
NO - why not? \_\_\_\_\_

Data Entry

Compliance Staff

2<sup>nd</sup> Data Entry

Hardcopy Filing



**RECEIVED**

**APR 24 2000**

**DIVISION OF  
OIL, GAS AND MINING**



July 27, 2000

State of Utah  
Division of Oil, Gas & Mining  
Attn: Dan Jarvis  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Step-Rate Test  
Monument Federal # 22-5  
43-013-31384  
Sec. 5, T9S R17E

Dear Dan:

Please find enclosed Step-Rate Tests (SRT) results on the Monument Federal #22-5 injection well in the Jonah Unit. Inland Production Company conducted the SRT on July 27, 2000. Due to the results of the SRT Inland is requesting a change in the Maximum Allowable Injection pressure from 2200 psi to 1995 psi for this well.

Thank you for your assistance. If you have any questions or need further information, please call me at (435) 646-3721.

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

Date:

8/7/00

By:

[Signature]

Sincerely,

[Signature]

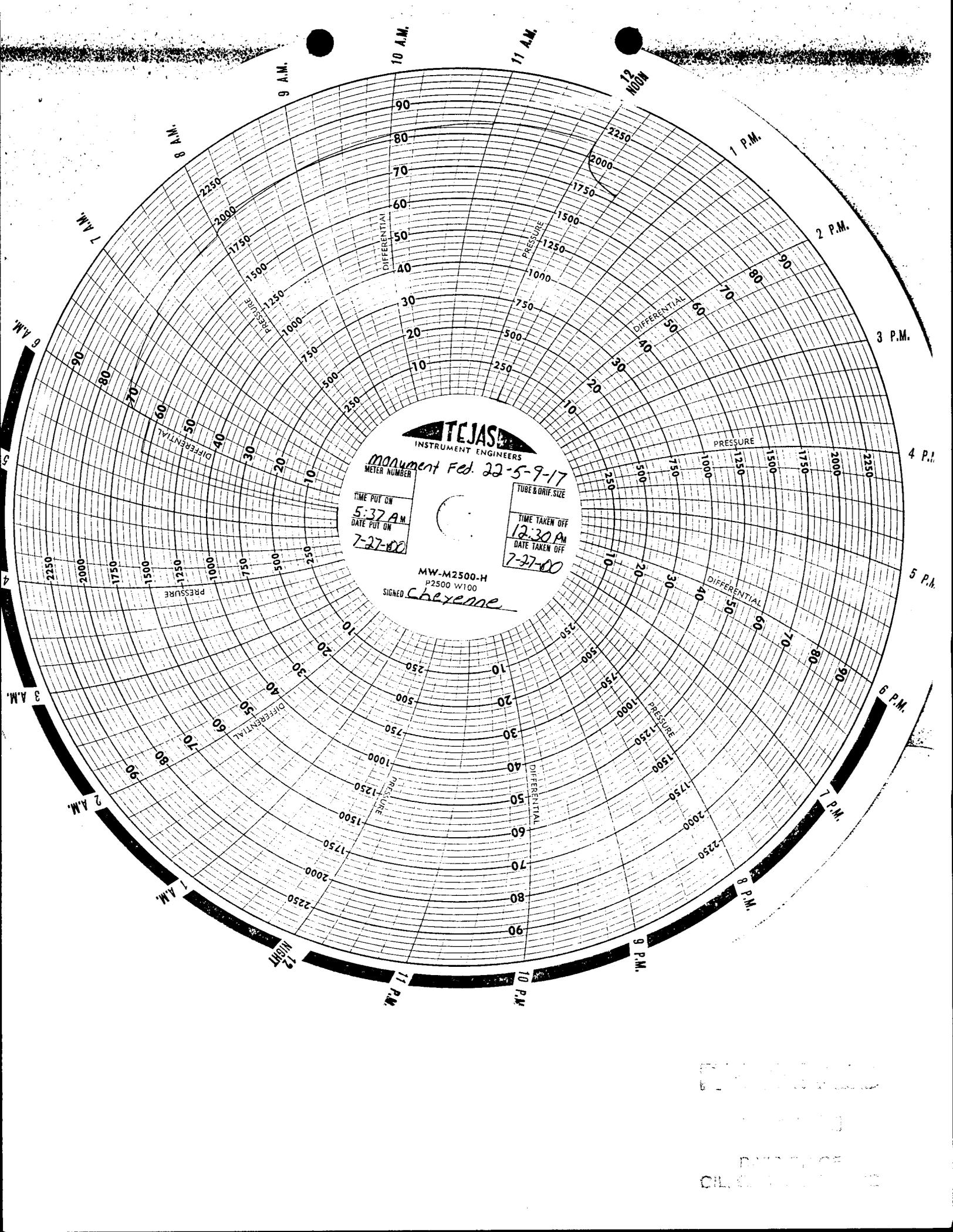
Brad Mechem  
Operations Manager

/bm

COPY SENT TO OPERATOR

Date: 8-9-00  
Initials: CHD





**TEJAS**  
INSTRUMENT ENGINEERS

monument Fed. 22-5-9-17

METER NUMBER

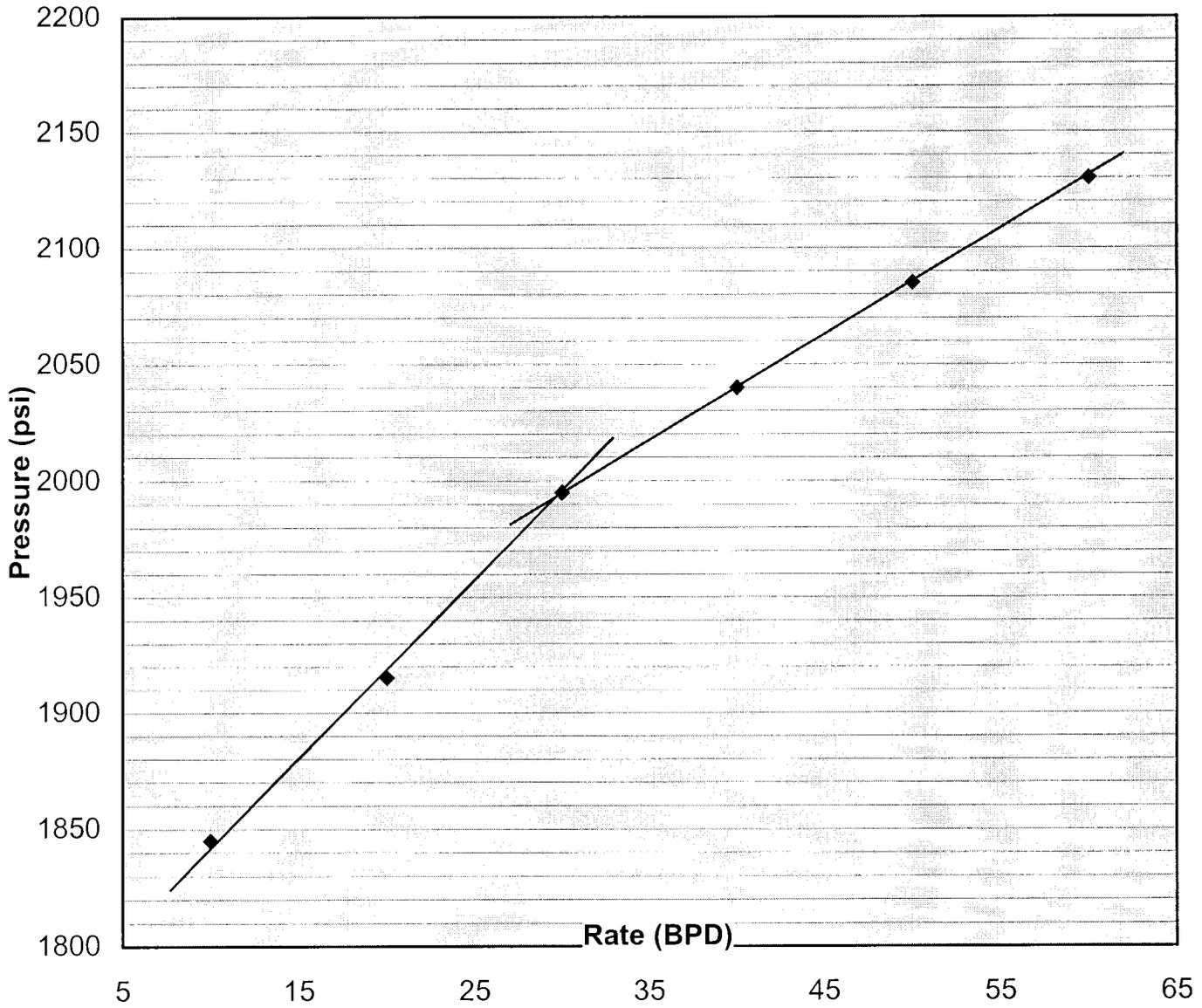
TIME PUT ON	TUBE & ORIF. SIZE
5:37 A.M.	
DATE PUT ON	TIME TAKEN OFF
7-27-00	12:30 P.M.
	DATE TAKEN OFF
	7-27-00

MW-M2500-H  
P2500 W100

SIGNED *Chexenne*

DATE OF  
OIL

MF 22-5  
(Jonah Unit)  
Step Rate Test  
July 27, 2000



ISIP: 2085 psi

Fracture pressure: 1995 psi

FG: 0.843

Step	Rate(bpd)	Pressure(psi)
1	10	1845
2	20	1915
3	30	1995
4	40	2040
5	50	2085
6	60	2130

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

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-020252</b>	
(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.)		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  <b>N/A</b>	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Injection</b>		7. UNIT AGREEMENT NAME  <b>JONAH</b>	
2. NAME OF OPERATOR <b>INLAND PRODUCTION COMPANY</b>		8. FARM OR LEASE NAME <b>MONUMENT FEDERAL 22-5-9-17</b>	
3. ADDRESS OF OPERATOR <b>Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</b>		9. WELL NO. <b>MONUMENT FEDERAL 22-5-9-17</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SE/NW Section 5, T09S R17E 1853 FNL 1979 FWL</b>		10. FIELD AND POOL OR WILDCAT  <b>MONUMENT BUTTE</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SE/NW Section 5, T09S R17E</b>	
14. API NUMBER <b>43-013-31384</b>	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5248 KB</b>	12. COUNTY OR PARISH <b>DUCHESNE</b>	13. STATE <b>UT</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> <b>Recompletion</b>	
(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.)\*

The subject well was recompleted in the Green River formation. One new Green River intervals were perforated, GB-4 sds 4168'-4194' w/ 4 jspf for a total of 104 shots. On 6-18-01 Al Craver w/ EPA and Dennis Ingram w/ State DOGM was contacted of the intent to perform a MIT on the casing. On 6-19-01 the casing was pressured to 1040 psi and maintained for 30 minutes with no pressure loss. No Governmental agency was available to witness the test. The well is shut in and waiting on permission to inject.

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 6/20/01  
Krishna Russell

cc: BLM  
(This space for Federal or State office use)

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

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Date: 06-21-01  
By: [Signature]

\* See Instructions On Reverse Side

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
 Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW  
 999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: N/A Date: 6/19/01  
 Test conducted by: Brent Cook  
 Others present: \_\_\_\_\_

Well Name: <u>ME 22-5-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Tanah</u>		
Location: <u>22</u> Sec: <u>5</u> T <u>9</u> N/S R <u>17</u> E/W	County: <u>Duch</u>	State: <u>UT</u>
Operator: <u>Inland Production</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure:	PSIG

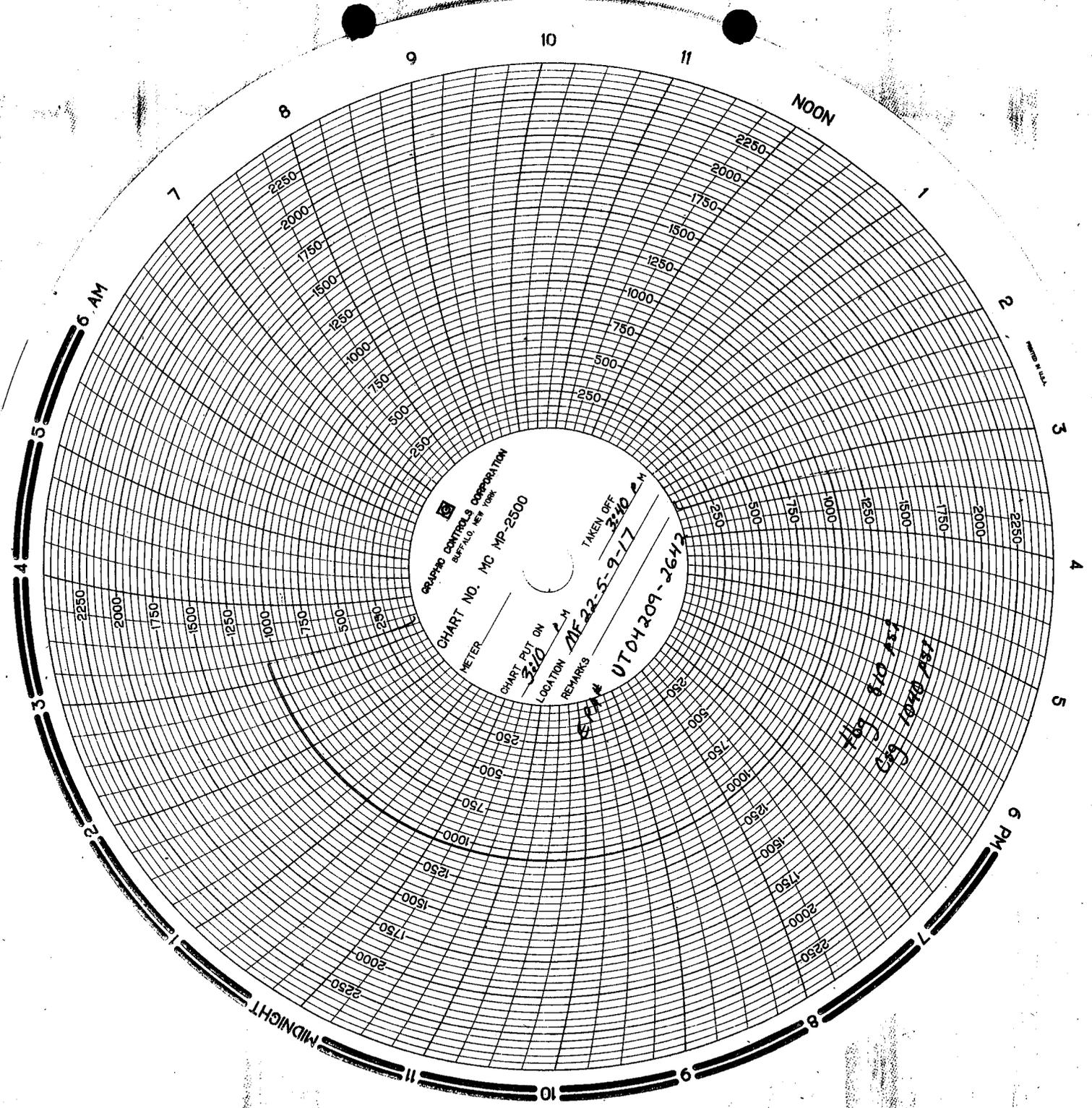
Is this a regularly scheduled test?       Yes     No  
 Initial test for permit?                     Yes     No  
 Test after well rework?                     Yes     No  
 Well injecting during test?                 Yes     No      If yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: \_\_\_\_\_ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial pressure	<u>810</u> psig	psig	psig
End of test pressure	<u>810</u> psig	psig	psig
<b>CASING/TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1040</u> psig	psig	psig
5 minutes	<u>1040</u> psig	psig	psig
10 minutes	<u>1040</u> psig	psig	psig
15 minutes	<u>1040</u> psig	psig	psig
20 minutes	<u>1040</u> psig	psig	psig
25 minutes	<u>1040</u> psig	psig	psig
30 minutes	<u>1040</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?     Yes     No





GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK

CHART NO. MC MP-2500

METER \_\_\_\_\_

CHART PUT ON 3:10 M

LOCATION MF-22-5-9-17

TAKEN OFF 3:40 P.M.

REMARKS SP# UT04209-2642

1st 018 10H  
2nd 018 10H



## 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 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>

IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office  
From: Acting Chief, Branch of Fluid Minerals  
Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: <u>Inland Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
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. Stewart*  
Title: *Tech. Services Manager*

Approval Date: 9-20-04

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
MON FED 42-1J	01	090S	160E	4301331404	11492	Federal	WI	A
MON FED 43-11J	11	090S	160E	4301331002	11492	Federal	WI	A
WALTON FED 34-11	11	090S	160E	4301331003	11492	Federal	WI	A
MON FED 23-11J	11	090S	160E	4301331369	11492	Federal	WI	A
MON FED 14-11J	11	090S	160E	4301331374	11492	Federal	WI	A
MON FED 32-11J	11	090S	160E	4301331386	11492	Federal	WI	A
MON FED 41-15	15	090S	160E	4301331367	11492	Federal	WI	A
MON FED 32-15J	15	090S	160E	4301331368	11492	Federal	WI	A
MON FED 23-15	15	090S	160E	4301331373	11492	Federal	WI	A
MON FED 13-5	05	090S	170E	4301331370	11492	Federal	WI	A
MON FED 24-5	05	090S	170E	4301331375	11492	Federal	WI	A
MONUMENT FED 23-5J	05	090S	170E	4301331383	11492	Federal	OW	P
MON FED 22-5	05	090S	170E	4301331384	11492	Federal	WI	A
MONUMENT FED 14-5	05	090S	170E	4301331385	11492	Federal	OW	P
ALLEN FED 31-6	06	090S	170E	4301331195	11492	Federal	WI	A
MONUMENT 33-6	06	090S	170E	4301331361	11492	Federal	WI	A
MON FED 11-6	06	090S	170E	4301331362	11492	Federal	WI	A
MON FED 24-6	06	090S	170E	4301331363	11492	Federal	WI	A
MON FED 42-6	06	090S	170E	4301331364	11492	Federal	WI	A
GETTY 7C	07	090S	170E	4301330961	11492	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU020252

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
JONAH UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER Injection well

8. WELL NAME and NUMBER:  
MON FED 22-5

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301331384

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: 1853 FNL 1979 FWL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SE/NW, 5, T9S, R17E

STATE: Utah

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

TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  06/07/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 6/6/06 Ken Phillips with the EPA was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 6/7/06. On 6/7/06 the csg was pressured up to 1160 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 1940 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20642-04209 API# 43-013-31384

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

NAME (PLEASE PRINT) Callie Duncan

TITLE Production Clerk

SIGNATURE

*Callie Duncan*

DATE 06/08/2006

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 6/17/2006  
 Test conducted by: J.D. Harrocks  
 Others present: \_\_\_\_\_

Well Name: <u>Monument Federal 22-5-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Jonah unit</u>		
Location: <u>SE/NW</u> Sec: <u>5</u> T <u>9</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1995</u>	PSIG

Is this a regularly scheduled test?  Yes  No  
 Initial test for permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injecting during test?  Yes  No      If Yes, rate: 25 bpd

Pre-test casing/tubing annulus pressure: 0 psig

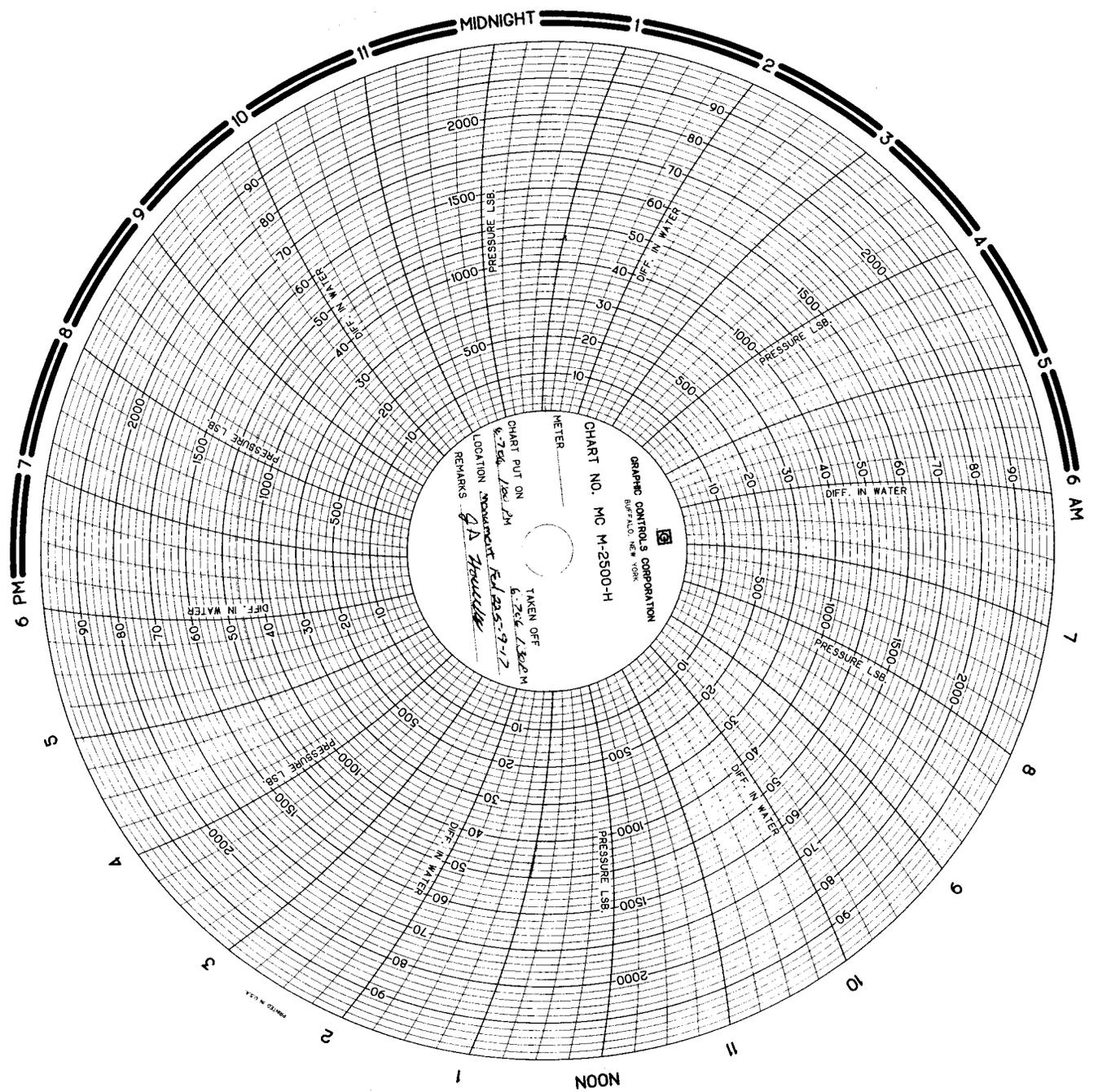
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1940</u> psig	psig	psig
End of test pressure	<u>1940</u> psig	psig	psig
<b>CASING/TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1160</u> psig	psig	psig
5 minutes	<u>1160</u> psig	psig	psig
10 minutes	<u>1160</u> psig	psig	psig
15 minutes	<u>1160</u> psig	psig	psig
20 minutes	<u>1160</u> psig	psig	psig
25 minutes	<u>1160</u> psig	psig	psig
30 minutes	<u>1160</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



GRAPHIC CONTROLS CORPORATION  
BUFFALO, N.Y. 14203

METER \_\_\_\_\_

CHART NO. MC M-2500-H

CHART PUT ON 6:25 A.M. 10/22/72

LOCATION MANHATTAN

REMARKS SA

TAKEN OFF 6:25 A.M. 10/22/72

PRINTED IN U.S.A.

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-020252

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
MON FED 22-5

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301331384

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

PHONE NUMBER  
435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
GREATER MB UNIT

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1853 FNL 1979 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 5, T9S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 05/16/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 05/02/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 05/16/2011 the casing was pressured up to 1120 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1920 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20642-04209 API# 43-013-31384

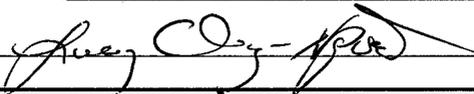
Accepted by the  
Utah Division of  
Oil, Gas and Mining

**FOR RECORD ONLY**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Water Services Technician

SIGNATURE



DATE 05/19/2011

(This space for State use only)

**RECEIVED**

**MAY 25 2011**

**DIV. OF OIL, GAS & MINING**

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 5 / 16 / 2011  
 Test conducted by: Wade Davis  
 Others present: \_\_\_\_\_

Well Name: <u>Monument Federal</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>22-5-9-17</u> Sec: <u>5</u> T <u>9</u> <input checked="" type="checkbox"/> S <input type="checkbox"/> R <u>17</u> <input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>  </u> / <u>  </u> / <u>  </u>	Maximum Allowable Pressure: <u>1995</u>	PSIG

Is this a regularly scheduled test?     Yes    [ ] No  
 Initial test for permit?                [ ] Yes     No  
 Test after well rework?                [ ] Yes     No  
 Well injecting during test?             Yes    [ ] No      If Yes, rate: 19 bpd

Pre-test casing/tubing annulus pressure: \_\_\_\_\_ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1920</u> psig	psig	psig
End of test pressure	<u>1920</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1120</u> psig	psig	psig
5 minutes	<u>1120</u> psig	psig	psig
10 minutes	<u>1120</u> psig	psig	psig
15 minutes	<u>1120</u> psig	psig	psig
20 minutes	<u>1120</u> psig	psig	psig
25 minutes	<u>1120</u> psig	psig	psig
30 minutes	<u>1120</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass    [ ] Fail	[ ] Pass    [ ] Fail	[ ] Pass    [ ] Fail

Does the annulus pressure build back up after the test?    [ ] Yes    [ ] No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: Wade Davis



# Monument Fed. #22-5-9-17

Spud Date: 8/16/93  
 Put on production: 10/1/93  
 Put on Injection: 3/18/94  
 GL: 5241' KB: 5254'

Initial Production: 265 BOPD,  
 100 MCFD, 0 BWPD

## SURFACE CASING

CSG SIZE: 8.5 8" J-55 24 lbs.  
 LENGTH: 6 jts @ 265.50'  
 DEPTH LANDED: 273' KB  
 HOLE SIZE: 12.1 4"  
 CEMENT DATA: 150 sxs Class "G" Cement to surface

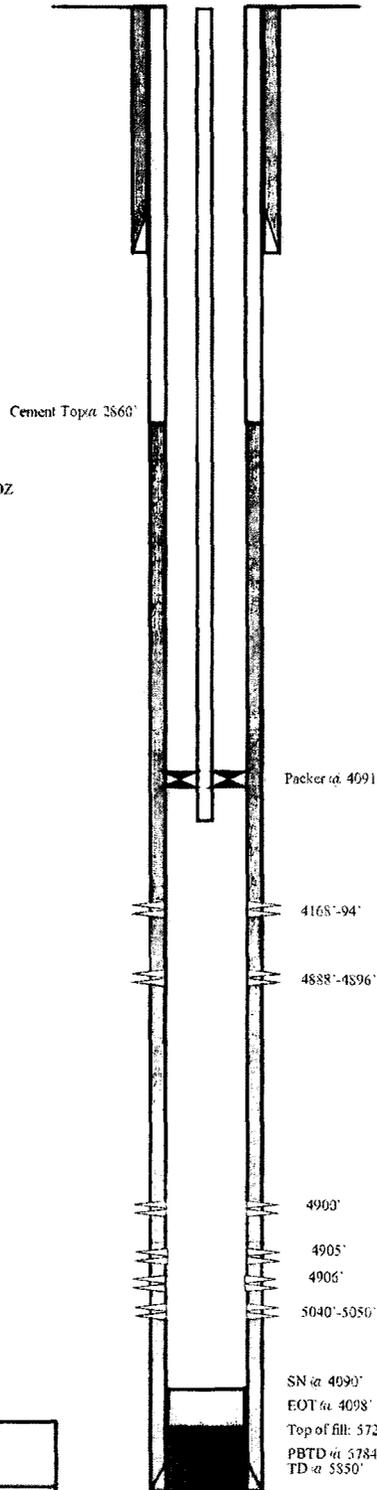
## PRODUCTION CASING

SIZE: 5 1/2" J-55 15.5 lbs.  
 LENGTH: 135 jts @ 3833'  
 DEPTH LANDED: 5846' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 150 sxs Hilft Standard & 265 sxs 50-50 POZ  
 CEMENT TOP AT: 2860' KB from CBL

## INJECTION EQUIPMENT & SIZE

KB: 13.00  
 SIZE GRADE WT.: 2-7 8" J-55 6.5#  
 NO. OF JOINTS: 130 jts (4077.03')  
 SEATING NIPPLE: 2-7 8" (1.10')  
 SN LANDED AT: 4090.03' KB  
 TUBING PACKER: 4091.13'  
 TOTAL STRING LENGTH: EOT @ 4098.41'  
 LOGS: Dual Laterolog, Micro-Spherically Focused Log, Compensated Neutron, Gamma Ray

Injection Wellbore Diagram



## FRAC JOB

4890'-5048', Frac w/Western on 9-17-93.  
 18,312 gals gelled KCl water w 37,300 lbs. 20-40 sand & 14,280 lbs 16-30 sand.  
 Avg 27.8 BPM @ 2850 psi, Max 28.3 BPM @ 3340 psi. ISIP @ 3100 psi, 5 min @ 1510 psi. 10 min @ 1450 psi, 15 min @ 1420 psi.

## ACID JOB

4890'-4906' & 5041'-5048', Initial break 3100 psig to 2400 psig @ 4 BPM. Start balls, balls on perf, balls off, surge balls back. Pump for rate 6 BPM @ 3000 spig, ISIP @ 1500 psi. Frac that followed did not work.

4890'-4905', Pump 250 gals 15% HCL, 2 balls per bbl, 12 balls, Max 5.5 BPM @ 4000 psi, Avg 3.0 BPM. Ball off, surge balls back, pump for rate 4.9 BPM @ 2500 psi.  
 5041'-5043' Pump 250 gals 15% HCL, 2 balls per bbl, Max 6 BPM @ 4500 psi, Avg 2 BPM.

4888'-4896' KB, breakdown w Western 9-27-94  
 2394 gals 2% KCl water w 50 ball sealers  
 6 STBPM @ 3000 psig, ISIP @ 2000 psig.

5040'-5050' KB breakdown w Western 9-27-94  
 6762 gals 2% KCl water w 50 ball sealers.  
 6 STBPM @ 2900 psig, ISIP @ 1800 psig

6/8/06 5 Year MIT Completed and Submitted.

## PERFORATION RECORD

9/14/93	4890'-4894'
9/14/93	4905'-4906'
9/14/93	5041'-5042'
9/14/93	5043'-5044'
9/27/94	4888'-4896'
9/27/94	5040'-5050'
6/15/01	4168'-4194'

**NEWFIELD**

**Balcon Monument Fed. #22-5J**  
 1853 FNL & 1980 FWL  
 SENW Section 5-T9S-R17E  
 Duchesne Co. Utah  
 API #43-013-31384; Lease #U-020252-A

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-020252
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
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.		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> MON FED 22-5
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013313840000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1853 FNL 1979 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 05 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/14/2016  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: 5 YR MIT
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
5 YR MIT performed on the above listed well. On 04/14/2016 the casing was pressured up to 1137 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1617 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04209		<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 18, 2016</b>
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 4/18/2016

## Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 4 11 16  
 Test conducted by: PETE MONTAGUE  
 Others present: \_\_\_\_\_

Well Name: <u>BALCRON MONUMENT FEDERAL</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GREATER MONUMENT BUTTE</u>		
Location: <u>22</u> Sec: <u>S</u> T <u>9</u> N <u>15</u> R <u>17</u> E <u>1</u> W	County: <u>DUCHESSNE</u>	State: <u>WY</u>
Operator: <u>NEWFIELD Exp</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test?  Yes  No  
 Initial test for permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injecting during test?  Yes  No      If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 0 / 1137 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1619</u> psig	psig	psig
End of test pressure	<u>1617</u> psig	psig	psig
<b>CASING/TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1137</u> psig	psig	psig
5 minutes	<u>1137</u> psig	psig	psig
10 minutes	<u>1137</u> psig	psig	psig
15 minutes	<u>1137</u> psig	psig	psig
20 minutes	<u>1137</u> psig	psig	psig
25 minutes	<u>1137</u> psig	psig	psig
30 minutes	<u>1137</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_

Balcron Monument Federal 22-5-9-17, 5-Year MIT, (4/14/16).

4/14/2016 8:59:12 AM

