

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.  
U-096547

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

7. UNIT AGREEMENT NAME  
n/a

8. FARM OR LEASE NAME  
Balcron Monument Federal

9. WELL NO.  
#14-11

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

11. SEC., T., E., M., OR BLE.  
AND SURVEY OR AREA  
SW SW Sec. 11, T9S, R16E

12. COUNTY OR PARISH  
Duchesne

13. STATE  
UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
EQUITABLE RESOURCES ENERGY COMPANY

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  
1048' FSL, 446' FWL SW SW  
At proposed prod. zone

**CONFIDENTIAL**  
**RECEIVED**  
SEP 17 1992

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 16 miles from Myton, UT. See

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 40 acres	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH 5,720'	20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GL 5,661'

22. APPROX. DATE WORK WILL START\*  
December 1, 1992

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	260'	250 sx G w/3% CaCl
See attached Drilling Program for production casing.				

EXHIBITS

- "A" Proposed Drilling Program
- "B" Proposed Surface Use Program
- "C" Geologic Prognosis
- "D" Drilling Program/Casing Diagram
- "E" Evidence of Bond Coverage
- "F" Archeology Report
- "G" Rig Layout
- "H" BOPE Schematic
- "I" Location Site and Elevation Plat
- "J" Existing Roads/Planned Access (Maps A & B)
- "K" Existing Wells (Map C)
- "L" Drillsite Layout/Cut and Fill Diagrams

NOTE: In accordance with request by the Vernal BLM representative, only one copy of EXHIBIT "F" Archeology Report is included with this permit.

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 9-15-92

(This space for Federal or State office use)

PERMIT NO. 43-013-31374 APPROVAL DATE 9/29/92

APPROVED BY [Signature] TITLE [Signature] BY: [Signature]

CONDITIONS OF APPROVAL, IF ANY:

WELL SPACING: 649-3-3

\*See Instructions On Reverse Side

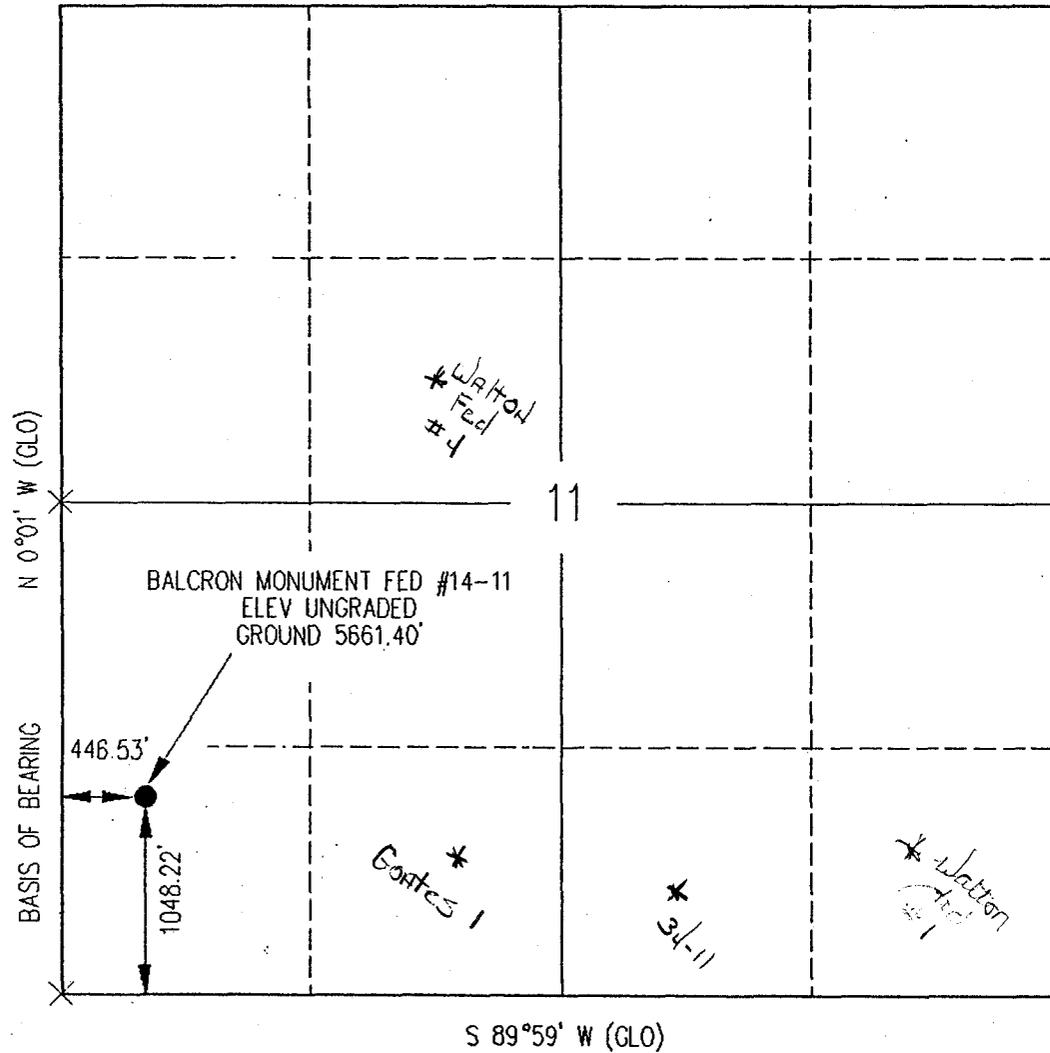
T9S, R16E, S.L.B. & M.

S 89°56' W (GLO)

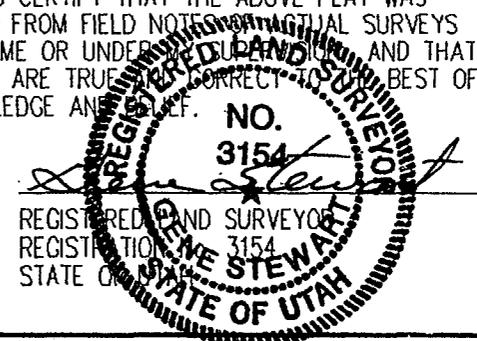
EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FED #14-11,  
LOCATED AS SHOWN IN THE SW 1/4 SW 1/4  
OF SECTION 11, T9S, R16E, S.L.B. & M,  
DUCHESNE COUNTY UTAH.

"I"



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES ON 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 & CONSULTING  
38 EAST 100 NORTH, VERNAL, UTAH 84078  
(801) 781-2501

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 SOUTHEAST)

SCALE: 1" = 1000'	SURVEYED BY: SS KH
DATE: 7/28/92	WEATHER: CLEAR & HOT
NOTES:	FILE # #M-14-11

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Monument Federal #14-11  
SW SW Section 11-T9S-R16E  
Duchesne County, Utah

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

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

4. PROPOSED CASING AND CEMENTING PROGRAM:

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

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

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

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon 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 #14-11  
SW SW Section 11, T9S, R16E  
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)
  - A. The proposed well site is staked and four reference stakes are present. 200' & 250' SW and 175' & 225' SE
  - B. The Monument Federal #14-11 is located approximately 16.2 miles Southwesterly of Myton Utah, in the SW1/4 SW1/4 Section 11, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 14-11, 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 3.0 miles to road intersection, turn left and continue 1.9 miles, turn left and proceed 0.4 miles to Balcron well #14-11.
  - 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 #B.
  - 2. Production facilities - see Map #B.
  - 3. Oil gathering lines - none.
  - 4. Gas gathering lines - see Map #B.
- 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 on between corners #5 & #6. No diversion ditches will be constructed. Access to the well pad will be from the West. The #2 corner of the well pad will be rounded off 30'.
- 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 dished prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

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

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

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding,

all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed surfaces will be reseeded with the following seed mixture:

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

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

#### B. Dry Hole/Abandoned Location

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

## 11. Surface Ownership:

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

Bureau of Land Management  
Vernal District Office  
Vernal, Utah

## 12. Other Information:

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

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

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

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

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

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

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

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

The flora of the area includes sagebrush, mountain

is only 8".

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

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

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
  - 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
  - 2. There are no occupied dwellings in the immediate area
  - 3. An archaeological report will be forwarded upon completion.
  - 4. There are no reported restrictions or reservations noted on the oil and gas lease.

**13. Lessee's or Operator's Representative:**

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

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

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.

September 15, 1992

Date

Bobbie Schuman

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

"C"

BALCRON OIL COMPANY

Geologic Prognosis

EXPLORATORY DEVELOPMENT X

WELL NAME: Balcron Monument Federal #14-11 PROSPECT/FIELD: Monument Butte
LOCATION: 1048 FSL, 446 FWL SECTION 11 TOWNSHIP 9S RANGE 16E
COUNTY: Duchesne STATE: UT GL(Ung): 5661 EST KB: 5671 TOTAL DEPTH 5720

FORM. TOPS:

Table with columns: Formation, Prognosis Depth, Prognosis Datum, Sample Top Depth, Sample Top Datum, Cntl Wl. Datum, Formation, Prognosis Depth, Prognosis Datum, Sample Top Depth, Sample Top Datum, Cntl. Rows include Duchesne, Green River, Horseshoe Bench, Douglas Creek, Pay 1-4, Wasatch Tongue, T.D.

CONTROL WELL: Goates Fed. #2 dir/dir: NW/SW Section 11 Township 9S Range 16E

SAMPLES:

samples, to
samples, to
samples, to
samples, to
samples, to
samples, to

LDGS:

DIL-SFL from surface to TD
LDT-CNL from surface to TD
from to
from to
from to
from to
from to

Send Samples To: Utah Geological Survey Sample Library

CORES:

none

DRILL STEM TESTS:

none

MUD LOGGER/HOT WIRE:

Required: (Yes/No) Yes
Type: 2 man unit

WELLSITE GEOLOGIST:

From to
Name: Tele. #1( )
Address:

COMMENTS:

PREPARED BY: Keven Reinschmidt Steve VanDelinder

DATE: 8-10-92



BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Monument Fed. 14-11
Project ID: 1	Location: Utah

Design Parameters:

Mud weight ( 8.80 ppg) : 0.457 psi/ft  
 Shut in surface pressure : 2043 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	5,720	5-1/2"	15.50	J-55	ST&C	5,720	4.825		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2615	4040	1.545	2615	4810	1.84	88.66	202	2.28 J

Prepared by : McCoskery, Billings, MT  
 Date : 09-15-1992  
 Remarks :

Minimum segment length for the 5,720 foot well is 1,500 feet.  
 The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and  
 2,615 psi, respectively.

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



# United States Department of the Interior



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

IN REPLY TO:

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

April 25, 1989

## NOTICE

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

OIL AND GAS

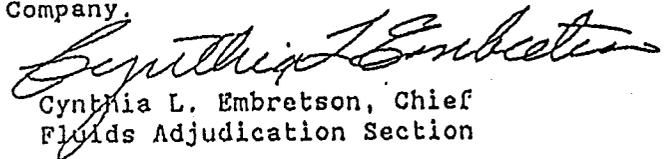
### CORPORATE MERGER RECOGNIZED RIDER TO NATIONWIDE BOND ACCEPTED

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

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

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

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

  
Cynthia L. Embretson, Chief  
Fluids Adjudication Section

1 Enclosure  
1-Exhibit A

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

Form 3104-8  
(July 1984)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

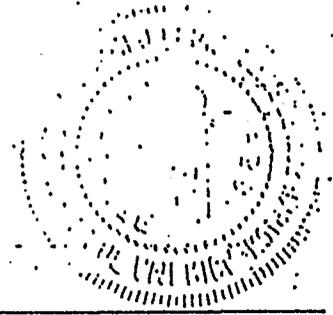
STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE  
IN ALASKA OIL AND GAS BOND

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

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

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

Other Oil and Gas Leasing Authorities as Applicable



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

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

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

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

SCHEDULE A

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

NAMES OF STATES

ALL STATES

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

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

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

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



SURETY RIDER

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

To be attached to and form a part of

Type of Bond: Nationwide Oil and Gas Lease Bond

Bond No. 5547188 (BLM Bond No. MT0576)

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

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

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

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

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

The name of the Principal

From: BALCRON OIL COMPANY

To: EQUITABLE RESOURCES ENERGY COMPANY

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

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

Signed and Sealed 4/10/89  
(MONTH, DAY, YEAR)  
EQUITABLE RESOURCES ENERGY COMPANY  
PRINCIPAL

By: \_\_\_\_\_ TITLE

SAFECO INSURANCE COMPANY OF AMERICA  
SURETY

By: R. George Voinchet ATTORNEY-IN-FACT



POWER OF ATTORNEY

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

EXHIBIT "E"  
3798 Page 4 of 4

No. \_\_\_\_\_

KNOW ALL BY THESE PRESENTS:

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

-----THOMAS L. VEHAR; R. GEORGE VOINCHET, Pittsburgh, Pennsylvania-----

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

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

this 4th day of September, 19 87.

CERTIFICATE

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

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

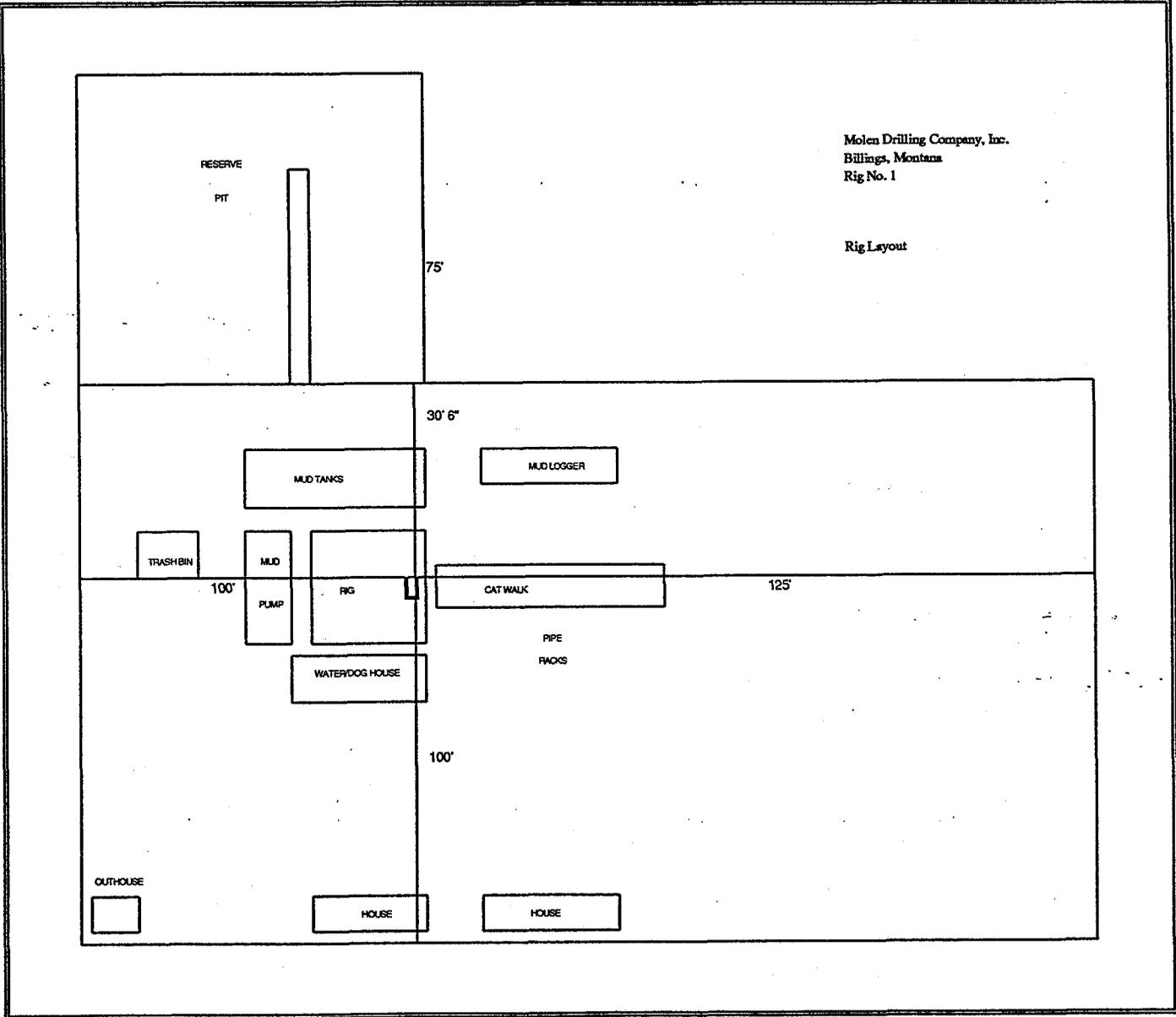
Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA  
and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,  
(i) The provisions of Article V, Section 13 of the By-Laws, and  
(ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and  
(iii) Certifying that said power-of-attorney appointment is in full force and effect,  
the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

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

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

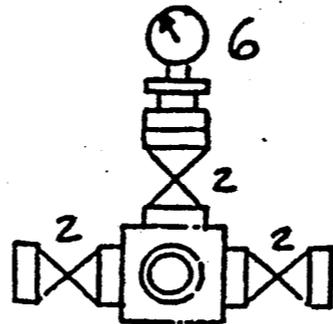
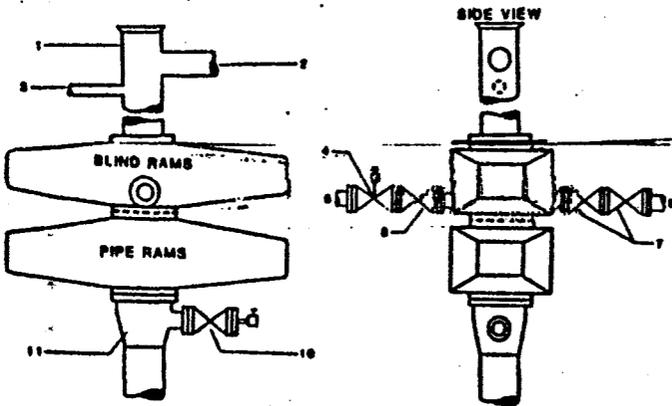
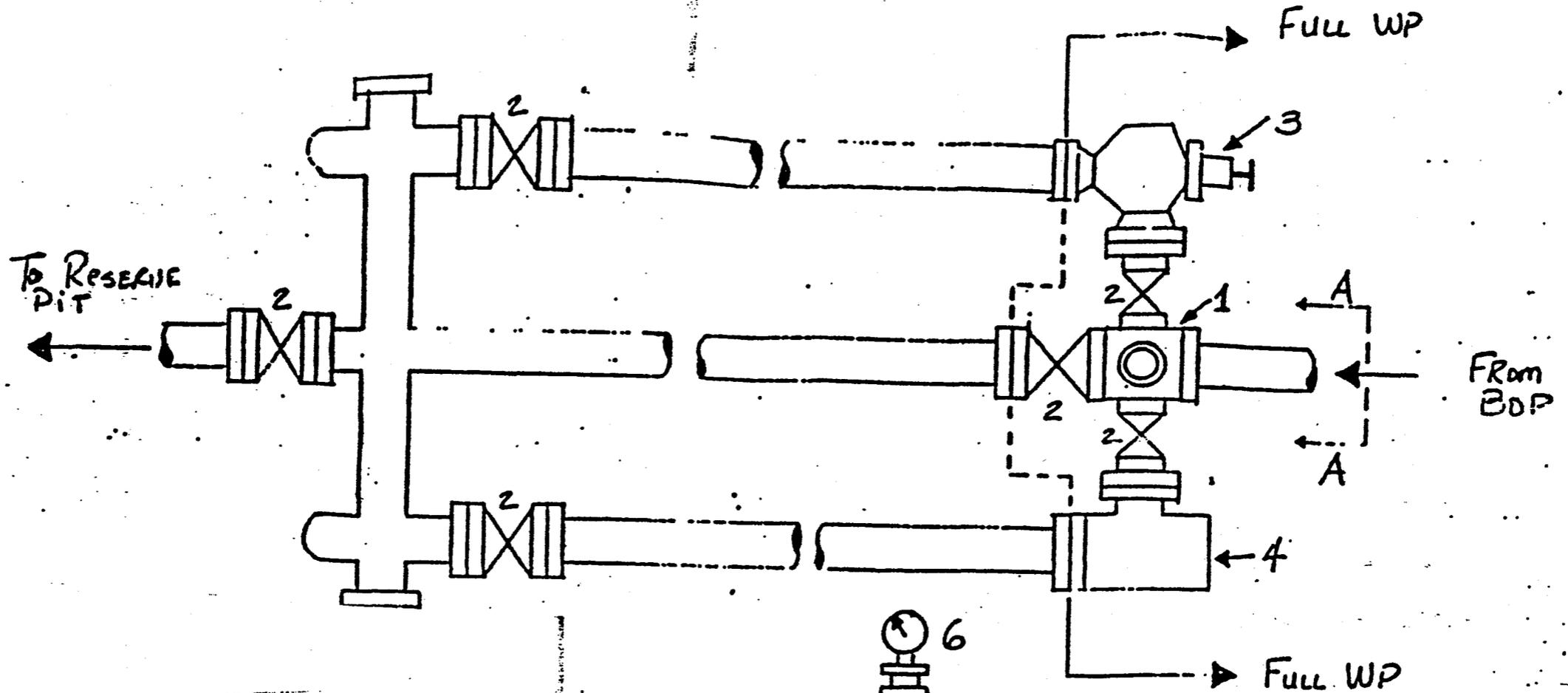
this 10th day of April, 19 89.



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

Rig Layout

EXHIBIT "G"  
 Rig Layout

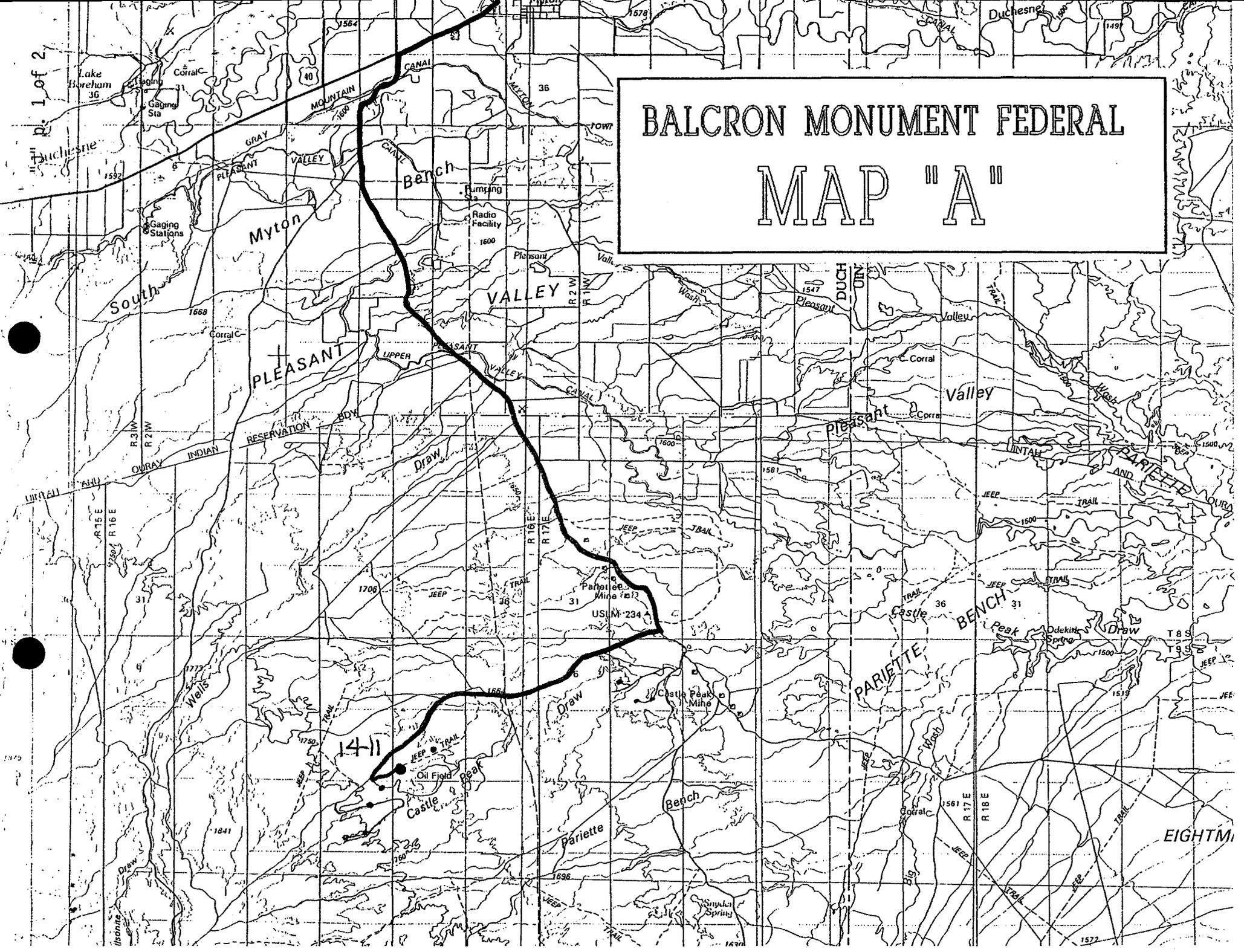


VIEW A-A

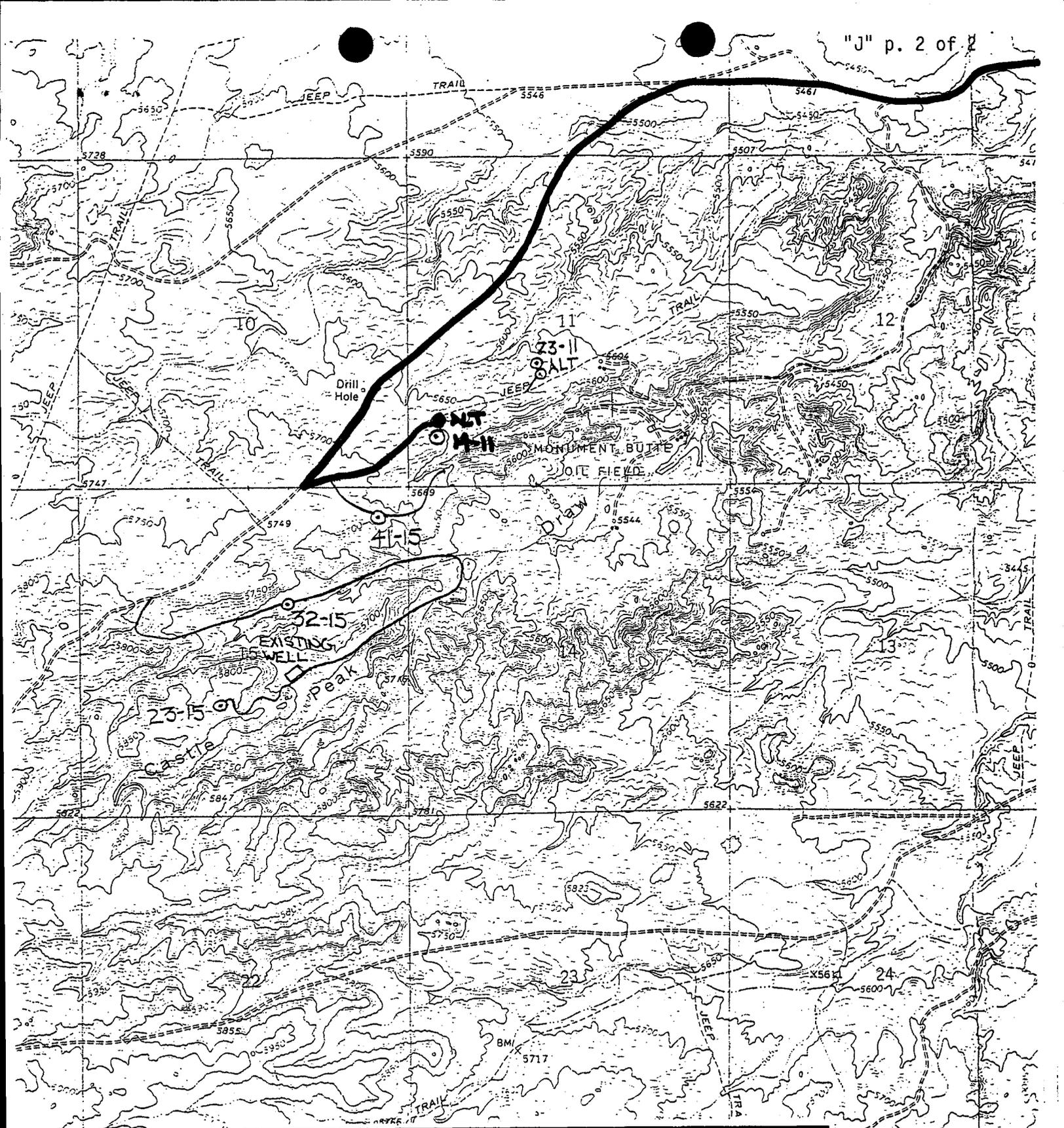
- 1. Cross
- 2. Gate Valve
- 3. Adjustable Choke
- 4. Positive Choke
- 5. Welded Bull Plug, Lead Filled
- 6. 2" - 3000 psi mud pressure gauge

Note: All lines must be securely anchored.

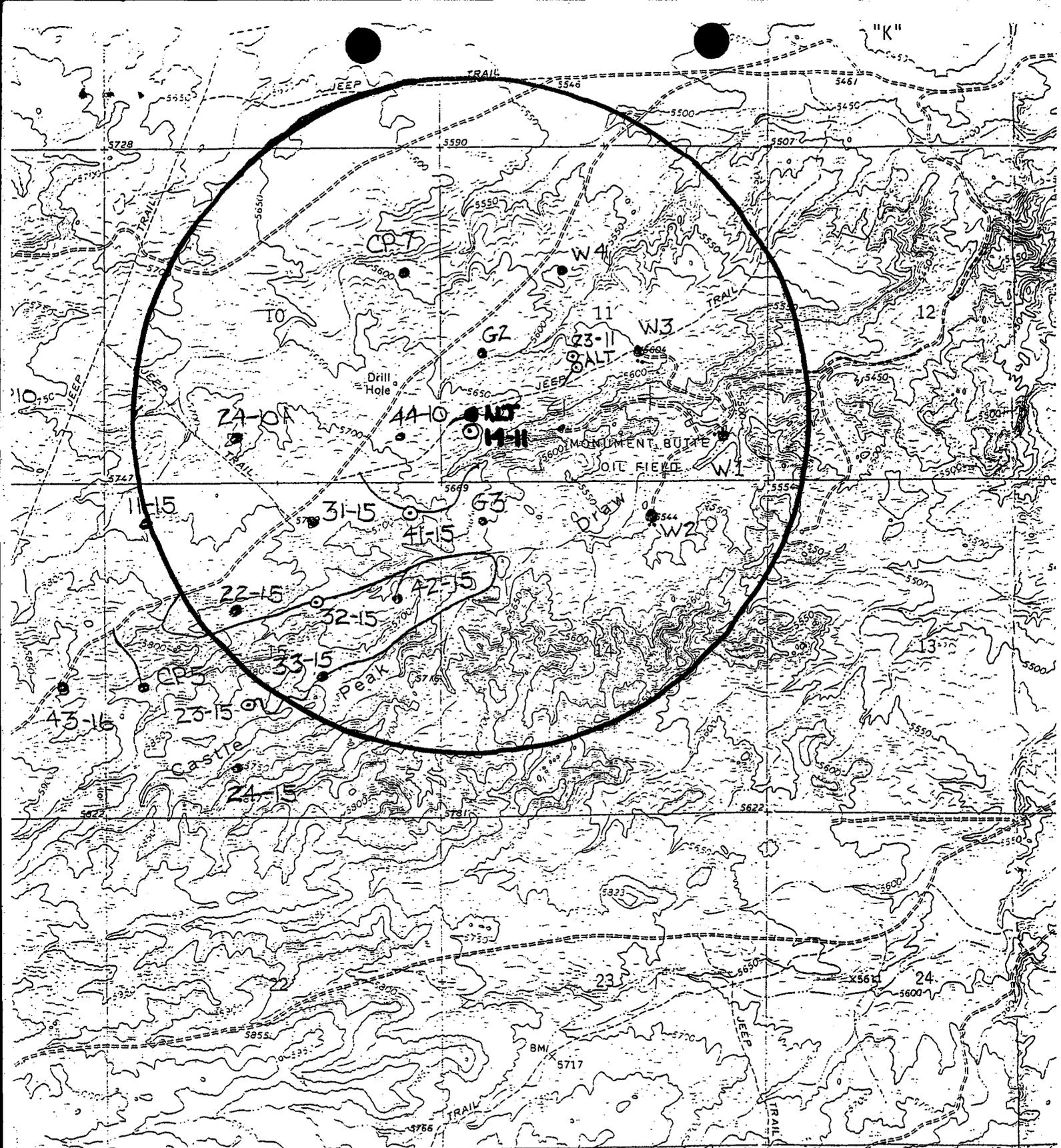
# BALCRON MONUMENT FEDERAL MAP "A"



EIGHTM

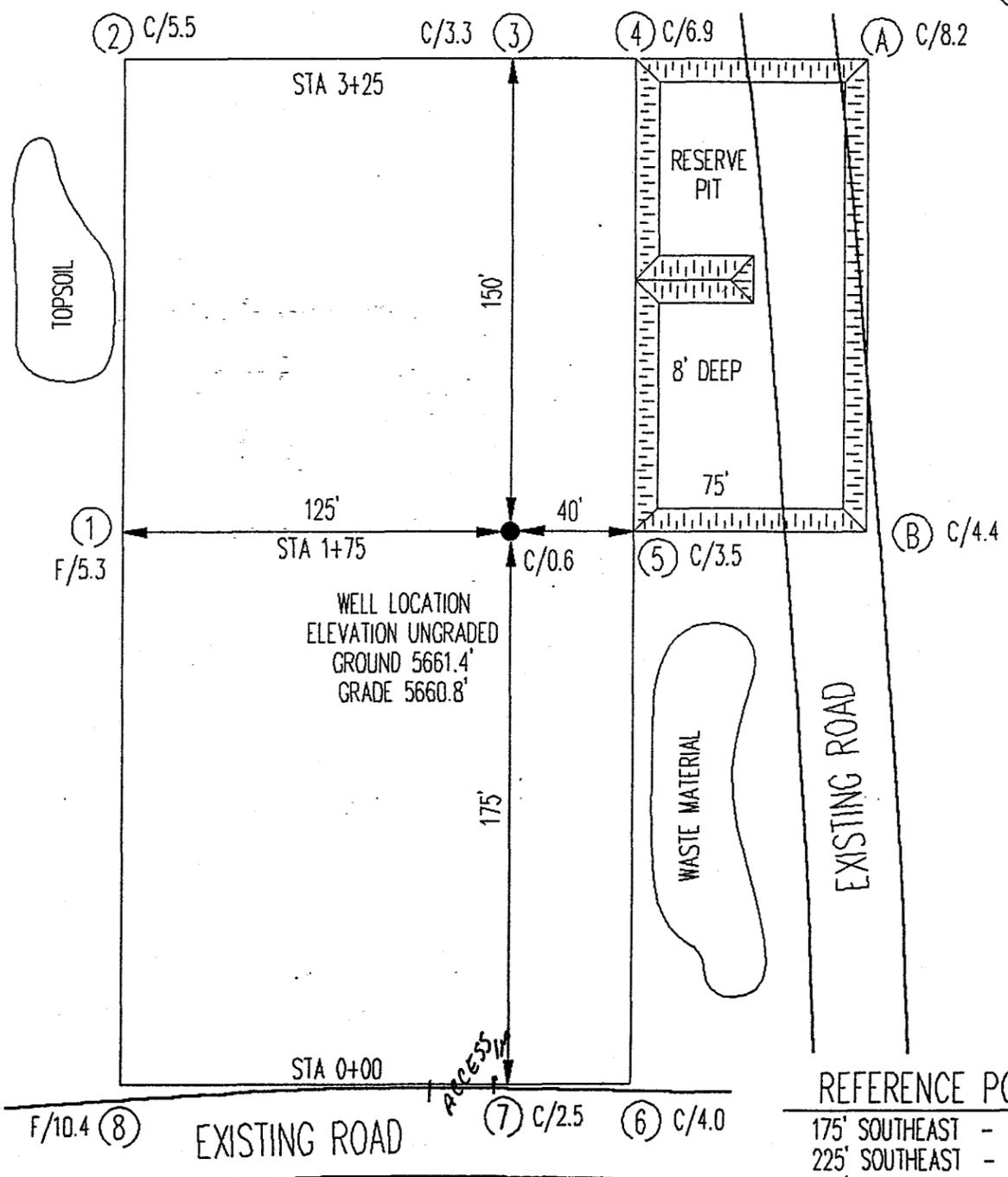
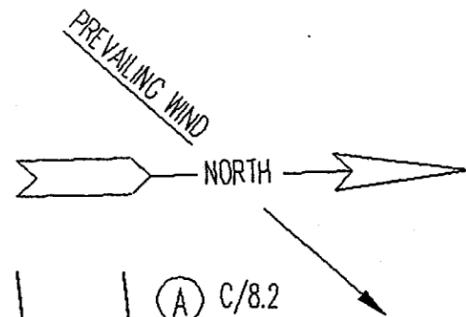


BALCRON MONUMENT FEDERAL  
MAP "B"



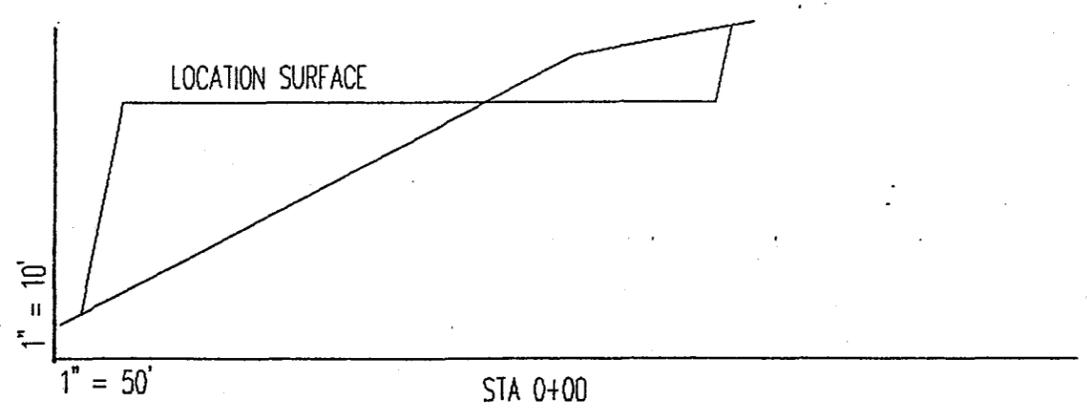
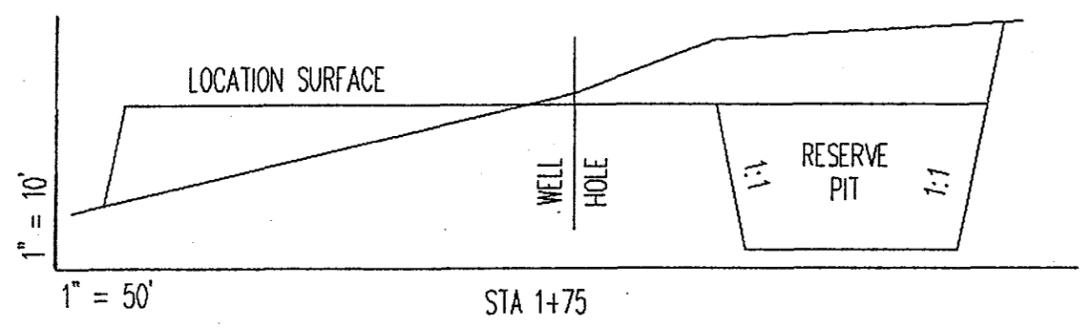
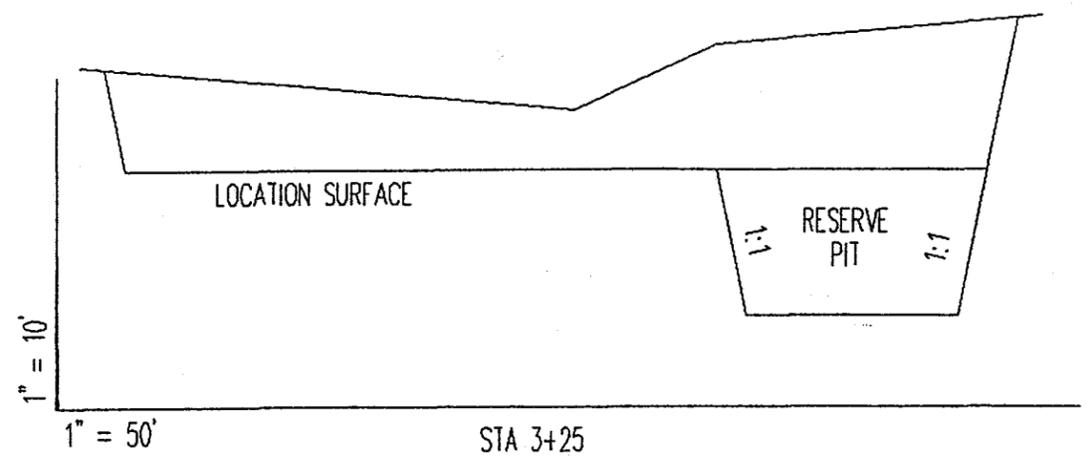
BALCRON MONUMENT FEDERAL  
MAP "C"

BALCRON MONUMENT FEDERAL  
WELL PLAT #14-11



REFERENCE POINTS

175' SOUTHEAST	-	5658.6'
225' SOUTHEAST	-	5664.5'
200' SOUTHWEST	-	5665.6'
250' SOUTHWEST	-	5667.5'



APPROXIMATE YARDAGE

CUT	=	4,827.1
FILL	=	3,129.5
PIT	=	2,977.8

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

T.S.L.S.

"L" RECEIVED  
SEP 17 1992  
DIVISION OF OIL GAS & MINING

**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 1348 (BLCR-92-5)

Utah State Project No.: UT-92-AF-498b

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

September 8, 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. These seven locations involved a total of 66 acres of which 6 acres (.5 mile) includes two access routes associated with Units 24-5 and 23-15. The remaining 60 acres involves ten acre parcels at six of the proposed Units (24-5, 14-11, 23-11, 23-15, 32-15, and 41-15). Unit 13-5 was not examined since it had been previously evaluated by AERC (Hauck 1981). These evaluations were conducted by F. Richard Hauck on September 3, 1992.

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.

One newly identified cultural resource activity locus was identified, evaluated, and recorded during the examinations. This site (42DC 761) consists of a non-significant lithic scatter associated with the access route into Unit 23-15.

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

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MAP 1: Cultural Resource Survey of Proposed Well Units in the Castle Peak Draw Locality, Duchesne County	2
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## GENERAL INFORMATION

On September 3, 1992, AERC archaeologist F.R. Hauck conducted intensive cultural resource evaluations for Balcron Oil Company of Billings, Montana. These examinations involved six separate well locations (24-5, 14-11, 23-11, 23-15, 32-15, and 41-15) and two linear access route evaluations totalling .5 mile associated with Units 24-5 and 23-15. Unit 13-5 was not included in the evaluations since it was previously examined for cultural loci and materials in 1981 (Hauck 1981). 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.

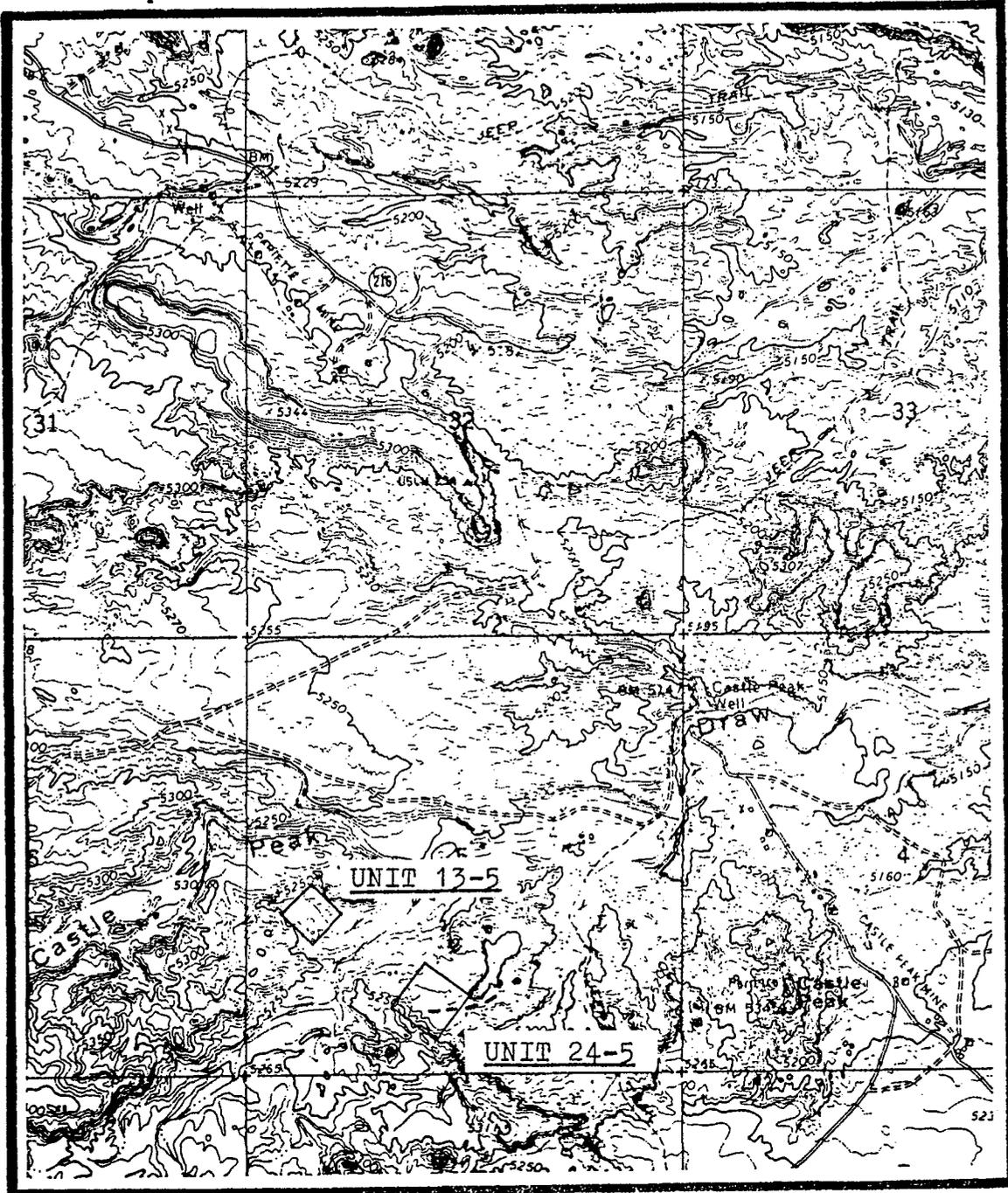
The six evaluated well locations involved 10 acre parcel evaluations for a total of 60 acres evaluated. Two 15 to 20 meter-wide survey transects were walked within the 100 foot-wide corridors covering a total distance of .5 mile or some 6 acres.

## 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.

Units 13-5 and 24-5 are situated in the SW and SE quarters of Section 5, Township 9 South, Range 17 East. Units 14-11 and 23-11 are in the SW quarter of Section 11, Township 9 South, Range 16 East. The last three units (23-15, 32-15, and 41-15) are respectively situated in the SW and NE quarters of Section 15, Township 9 South, Range 16 East.

ALERC



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

**MAP 1**  
 Cultural Resource Survey  
 of Proposed Well Units in  
 the Castle Peak Draw  
 Locality, Duchesne County

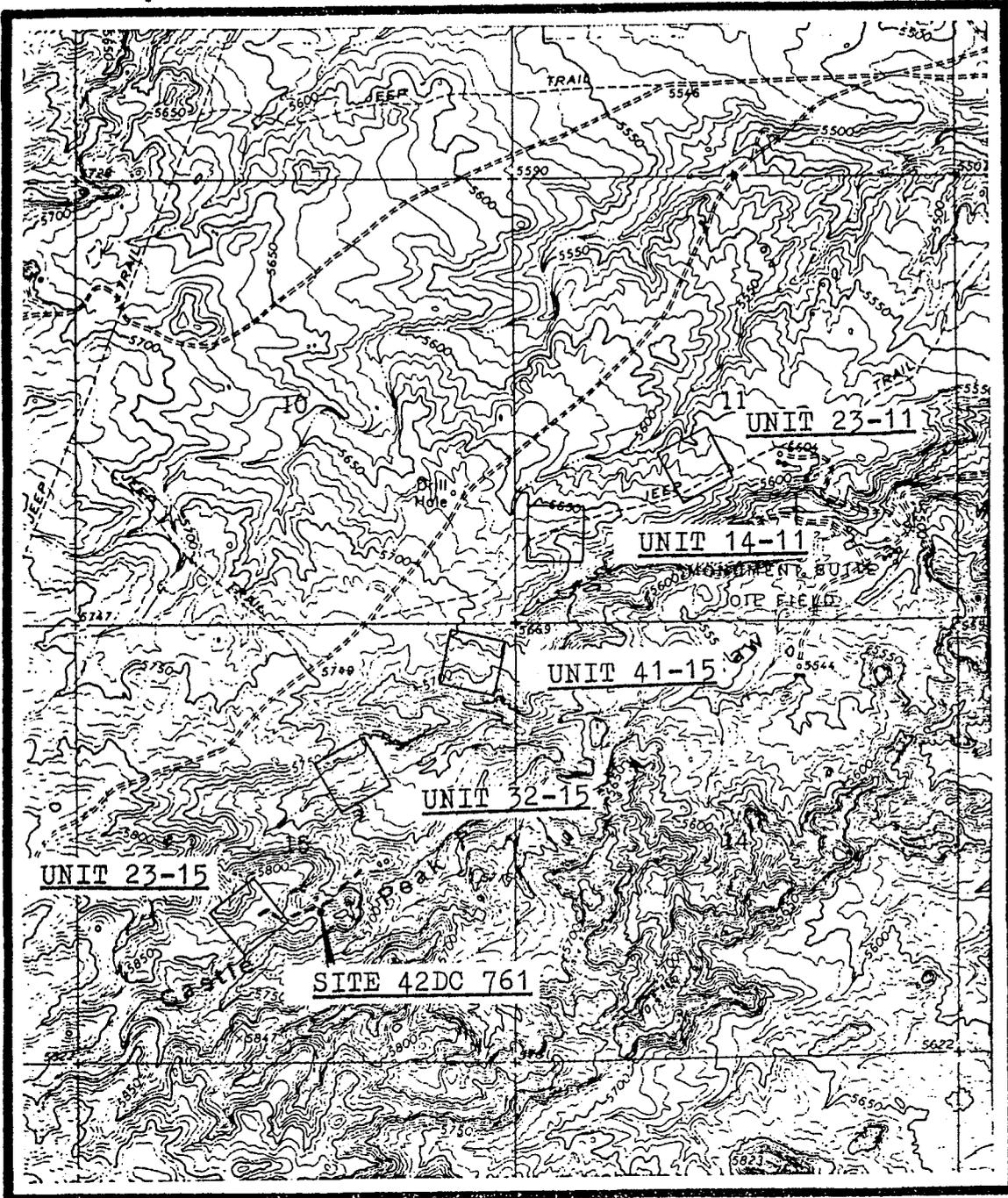
**Legend:**  
 Ten Acre Survey Area   
 Access Route 

4  
 N

Project: BLCR-92-5  
 Series: Uinta Basin  
 Date: 9-8-92

Scale: 1:24000





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

**MAP 2**  
 Cultural Resource Survey  
 of Proposed Well Units in  
 the Castle Peak Draw  
 Locality, Duchesne County

**Legend:**  
 Ten Acre Survey Area   
 Access Route   
 Cultural Site 



**Project:** BLCR-92-5  
**Series:** Uinta Basin  
**Date:** 9-8-92

**Scale:** 1:24000



A short access route to Unit 24-5 extends from the SE quarter of Section 5 to the west into the SW quarter of that same section (see Map 1). The second access route links Unit 23-15 to an existing well in the SE quarter of Section 15 (see Map 2).

#### 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, 1992. A similar search was conducted in the Vernal District Office of the BLM on September 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, and 732 have been identified and recorded by AERC during previous evaluations (Hauck 1981, 1992a).

#### 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 frequently being identified 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.

The majority of known sites in this project area are lithic scatters (42DC 349, 350, and 353). Open occupations such as 42DC 352 are also present. Site 42DC 351 is a rock shelter. 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 in the project locality. 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. .5 mile or 6 acres of public lands associated with the two access routes and another 60 acres associated with six of the seven well locations were examined by F.R. Hauck. Unit 13-5 was not examined since it had already been evaluated by AERC in the past (Hauck 1981).

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:

A single non-significant prehistoric cultural resource activity locus was observed, evaluated and recorded during the archaeological evaluations. This site has been subsequently listed in the State and BLM files as 42DC 761.

Site 42DC 761 consists of a small, bare rockshelter that opens to the east. The slope below the shelter contains four fragments of detritus. The shelter has no depth potential based on a trowel test in its entrance and one just outside the

entrance. The sparsity of material remains and lack of depth suggest the site was occupied possibly during a single episode related to core reduction.

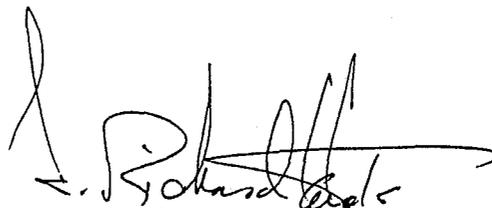
No previously recorded cultural sites will be adversely affected by the proposed pipeline developments. Site 42DC 353 is situated in the vicinity of the present development program but will not be affected by the proposed development.

No isolated diagnostic artifacts were observed or collected during the survey on BLM administrated lands.

### CONCLUSION AND RECOMMENDATIONS

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



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

## 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.

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

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

Summary Report of  
Inspection for Cultural Resources

C A S T L E P E A K D R A W U N I T S

1. Report Title . . . . .  
BALCRON OIL CO. UNITS 13-5, 24-5, 14-11, 23-11, 23-15,  
32-15 and 41-15

2. Development Company \_\_\_\_\_

3. Report Date . . . . . 9 8 1 9 9 2 . . . . . 4. Antiquities Permit No. \_\_\_\_\_  
UT-92-54937

5. Responsible Institution . . . . . A E R C B L C R - 9 2 - 5 Duchesne  
County \_\_\_\_\_

6. Fieldwork

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

8. Description of Examination Procedures: The archeologist, F.R. Hauck, intensively examined the 10 acre locations for six of these wells (24-5, 14-11, 23-11, 23-15, 32-15, and 42-15 and new access corridors (as shown on the attached maps) by walking a series of 10 to 20 meter-wide transects flanking the flagged centerline and within the flagged well pad. Unit 13-5 was previously evaluated in 1981 by AERC and was not reexamined.

9. Linear Miles Surveyed . . . . . 5  
and/or  
Definable Acres Surveyed . . . . .  
and/or  
Legally Undefinable 6 6  
Acres Surveyed . . . . .  
10. Inventory Type . . . . . I  
R = Reconnaissance  
I = Intensive  
S = Statistical Sample

11. Description of Findings: One cultural resource site was identified during the survey. This lithic scatter was observed in association with the access route into Unit 23-15. This site (42DC 761) is not a significant resource.  
12. Number Sites Found .1. . . . . (No sites = 0)  
13. Collection: .N. (Y = Yes, N = No)

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

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

16. 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. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the corridor examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

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

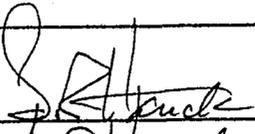
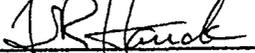
3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

17. Signature of Administrator  
& Field Supervisor

UT 8100-3 (2/85)

Administrator

Field  
Supervisor



BALCRON OIL

A Division of  
Equitable Resources Energy Company

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

RECEIVED

SEP 17 1992

DIVISION OF  
OIL GAS & MINING

September 16, 1992

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

RE: Applications for Permit to Drill

Enclosed are copies of the Federal Applications for Permit to Drill the seven wells on the attached list. Also attached is a copy of the water permit and one copy of the Archeology Survey which are referenced in the APDs.

Every effort to comply with statewide spacing was made when staking these seven wells. However, in many instances both topographical reasons and requests by the Bureau of Land Management necessitated moving some of the sites from the location which was originally intended. If there is anything else we need to do in order to ensure that these locations are acceptable according to State regulations, please let me know.

Approximate starting dates have been put on the APDs. However, the order of drilling may change depending on when the permits are approved.

As operator we hereby request that the information on these wells be held tight for the maximum period allowed by State regulations.

If you have any questions or need further information, please let me know.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs  
Enclosures/Attachments

MONUMENT BUTTE DRILLING PROGRAM

---

Balcron Monument Federal #13-5  
NW SW Section 5, T9S, R17E  
Duchesne County, Utah  
1980' FSL, 660' FWL  
FLS #U-020252  
PTD 5,620'  
GL 5,224'

Balcron Monument Federal #24-5  
SE SW Section 5, T9S, R17E  
Duchesne County, Utah  
765' FSL, 2243' FWL  
FLS #U-020252  
PTD 5,600'  
GL 5,223'

Balcron Monument Federal #23-11  
NE SW Section 11, T9S, R16E  
Duchesne County, Utah  
1787 FSL, 2147' FWL  
FLS #U-096550  
PTD 5,750'  
GL 5,622'

Balcron Monument Federal #14-11  
SW SW Section 11, T9S, R16E  
Duchesne County, Utah  
1048' FSL, 446' FWL  
FLS #U-096547  
PTD 5,720'  
GL 5,661'

Balcron Monument Federal #41-15  
NE NE Section 15, T9S, R16E  
Duchesne County, Utah  
460' FNL, 500' FEL  
FLS #U-017985  
PTD 5,700'  
GL 5,714'

Balcron Monument Federal #32-15  
SW NE Section 15, T9S, R16E  
Duchesne County, Utah  
1868' FNL, 1993' FEL  
FLS #U-017985  
PTD 5,610'  
GL 5,681'

Balcron Monument Federal #23-15  
NE SW Section 15, T9S, R16E  
Duchesne County, Utah  
1724' FSL, 2078' FWL  
FLS #U-017985  
PTD 5,700'  
GL 5,828'

JUL - 8 - 92 WED 10:51

# APPLICATION FOR PERMANENT CHANGE OF WATER RIGHTS

RECEIVED

RECEIVED

SEP 17 1992

APR 17 1987

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

STATE OF UTAH

WATER RIGHTS  
SALT LAKE

DIVISION OF  
OIL, GAS & MINING

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 14099

\*\*\*\*\* 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): \_\_\_\_\_

\*These items are to be completed by Division of Water Rights.

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: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
 Power Plant name: \_\_\_\_\_  
 Other (describe): drilling & completion of oil field location 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 Q15B & 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: \_\_\_\_\_

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): \_\_\_\_\_

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: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_

Power: Plant name: \_\_\_\_\_

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<sup>new</sup> 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"

\*\*\*\*\*

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).

*David Dale Anderson*  
Signature of Applicant(s)

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 09/17/92

OPERATOR: BALCRON OIL

OPERATOR ACCT NO: N-9890

WELL NAME: BALCRON MONUMENT FEDERAL 14-11

API NO. ASSIGNED: 43-013-31374

LEASE TYPE: FED

LEASE NO: U-096549

LOCATION: SWSW 11 - T09S - R16E DUCHESNE COUNTY

FIELD: MONUMENT BUTTE FIELD CODE: 105

RECEIVED AND/OR REVIEWED:

- Plat
- Bond  
(Number federal)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit  
(Number 43-9974 a-14089)
- 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:

two add wells producing within Sec 11.

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 11-27-94

STIPULATIONS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# BALCRON OIL

A Division of  
Equitable Resources Energy Company

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

RECEIVED

SEP 25 1992

DIVISION OF  
OIL GAS & MINING

September 22, 1992

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

ATTENTION: Tammy Searing

Gentlemen:

RE: Balcron Monument Federal #14-11  
SW SW Section 11, T9S, R16E  
Duchesne County, Utah

The referenced well is an exception to location due to a request by the Bureau of Land Management to move the location.

Sincerely,

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

September 29, 1992

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

Gentlemen:

Re: Balcron Monument Federal #14-11 Well, 1048 feet from the south line, 446 feet from the west line, SW 1/4 SW 1/4, Section 11, Township 9 South, Range 16 East, Duchesne County, Utah

Pursuant to Utah Admin. R. 649-3-3, Exception to 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. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
2. Notification within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.

Page 2  
Equitable Resources Energy Company  
Balcron Monument Federal #14-11 Well  
September 29, 1992

6. 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 43-013-31374.

Sincerely,



R.J. Firth  
Associate Director, Oil and Gas

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



UTAH  
NATURAL RESOURCE  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut  
84180-1203. • (801-538-5340)

# MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• BALCRON OIL
---------------

Utah Account No. \_\_\_\_\_

Report Period (Month/Year) \_\_\_\_\_

Amended Report

Well Name API Number	Entity	Location	Producing Zone	Days Oper	Production Volume		
					Oil (BBL)	Gas (MSCF)	Water (BBL)
✓ 43-013-31364	11431 9S 17E 6	GRRV			— <i>W/W</i>		
✓ 43-013-31367	99999 9S 16E 15						
✓ 43-013-31368	99999 9S 16E 15						
✓ 43-013-31369	99999 9S 16E 11						
✓ 43-013-31370	99999 9S 17E 5						
✓ 43-013-31373	99999 9S 16E 15						
✓ 43-013-31374	99999 9S 16E 11						
✓ 43-013-31375	11445 9S 17E 5	GRRV					
TOTAL							

Comments (attach separate sheet if necessary) \_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete. Date \_\_\_\_\_

Authorized signature \_\_\_\_\_ Telephone \_\_\_\_\_



EQUITABLE RESOURCES ENERGY COMPANY,  
BALCRON OIL DIVISION

1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104  
(406) 259-7860  
FAX: (406) 245-1364

March 4, 1993

State of Utah  
Uintah County  
152 East 100 North  
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

**RECEIVED**

MAR 08 1993

DIVISION OF  
OIL GAS & MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1-LEC	7-DEC
2-DTS	18-DEC
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

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: 3-1-93)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY CO FROM</u> (former operator)	<u>BALCRON OIL</u>
(address)	<u>BALCRON OIL DIVISION</u>	(address) <u>PO BOX 21017</u>
	<u>PO BOX 21017</u>	<u>BILLINGS MT 59104</u>
	<u>BILLINGS MT 59104</u>	
	phone ( <u>406</u> ) <u>259-7860</u>	phone ( <u>406</u> ) <u>259-7860</u>
	account no. <u>N 9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: <b>**ALL WELLS**</b>	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**

- n/a 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- See 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 3-8-93)*
- See 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: 134640.
- \* 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.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-19-93)*
- See 6. Cardex file has been updated for each well listed above. *(3-19-93)*
- See 7. Well file labels have been updated for each well listed above. *(3-19-93)*
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-19-93)*
- See 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

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) \*930319 Re'd bond rider eff. 3-4-93.

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #5578314/80,000 Belton Oil, A Division of Equitable Resources Energy Company.
- 2. A copy of this form has been placed in the new and former operators' bond files. \*Upon completion of routing.
- 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\_\_\_\_.

EASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: March 30 1993.

FILED

- 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.

REMARKS

930308 Btm 15.2. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Belton Oil Division".

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.  
U-096547  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
n/a  
7. UNIT AGREEMENT NAME  
n/a  
8. FARM OR LEASE NAME  
Balcron Monument Federal  
9. WELL NO.  
#14-11  
10. FIELD AND POOL, OR WILDCAT  
Monument Butte/Green River  
11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
SW SW Sec. 11, T9S, R16E

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

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 1048' FSL, 446' FWL SW SW  
At proposed prod. zone

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MAY 06 1993

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
Approximately 16 miles from Myton, UT. See EXHIBIT "B"

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

16. NO. OF ACRES IN LEASE  
40 acres

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

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

19. PROPOSED DEPTH  
5,720'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GL 5,661'

22. APPROX. DATE WORK WILL START\*  
December 1, 1992

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	260'	250 sx G w/3% CaCl
See attached	Drilling Program	for production casing.		

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SEP 17 1992

EXHIBITS

- "A" Proposed Drilling Program
- "B" Proposed Surface Use Program
- "C" Geologic Prognosis
- "D" Drilling Program/Casing Diagram
- "E" Evidence of Bond Coverage
- "F" Archeology Report
- "G" Rig Layout
- "H" BOPE Schematic
- "I" Location Site and Elevation Plat
- "J" Existing Roads/Planned Access (Maps A & B)
- "K" Existing Wells (Map C)
- "L" Drillsite Layout/Cut and Fill Diagrams

NOTE: In accordance with request by the Vernal BLM representative, only one copy of EXHIBIT "F" Archeology Report is included with this permit.

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 9-15-92  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE MAY 03 1993  
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

U+080-201-276

WELL LOCATION INFORMATION

Company/Operator Equitable Resources Energy Co.

API Number 43-013-31374

Well Name & Number Balcron Monument Federal No. 14-11

Lease Number U-096547

Location SWSW Sec. 11 T. 9S. R. 16E.

Surface Ownership Federal

Date NOS Received August 13, 1992

Date APD Received September 17, 1992

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company Equitable Resources Energy Company Well No. Monument Federal 14-11  
Location SWSW Section 11, T9S, R16E Lease No. U - 096547

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm$  2,625 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  $\pm$  2,425 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) 789-3634

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

## Surface Use Plan of Operations

### CONDITIONS OF APPROVAL

The existing road will be moved about 100 feet, to enter well pad near point 3. It will be returned to previous location if deemed necessary by BLM.

If a plastic nylon 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.

Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer.

Full seeding will be done between September 15 and when 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 compliance.

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 the drilling reserve pit under Point 9E of the Multi-point Surface Use and Operation Plan. The fence shall be maintained in a taut condition. Fences shall not be built on berms.
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 contract a Utah BLM certified Paleontologist to survey the location and access road prior to surface disturbance to determine the presence of paleontological 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

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

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

July 7, 1993

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JUL 9 1993

DIVISION OF  
OIL GAS & MINING

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

Gentlemen:

Enclosed are Paleontology Reports which were required for the following wellpad locations and access roads:

Balcron Monument Federal #13-5  
NW SW Section 5, T9S, R17E  
Duchesne County, Utah  
FLS #U-020252

43-013-31370

Balcron Monument Federal #23-11  
NE SW Section 11, T9S, R16E  
Duchesne County, Utah  
FLS #U-096550

43-013-31369

Balcron Monument Federal #14-11  
SW SW Section 11, T9S, R16E  
Duchesne County, Utah  
FLS #U-096547

43-013-31374

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

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

**RECEIVED**

JUL 6 9 1993

DIVISION OF  
OIL GAS & MINING

**BALCRON OIL**

Balcron Monument Federal #14-11  
SW SW Section 11, T9S, R16E, SLB&M  
Duchesne County, Utah

**PALEONTOLOGY REPORT  
WELLPAD LOCATION AND ACCESS ROAD**

BY

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

JULY 1, 1993

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT BUTTE FEDERAL #14-11

Description of Geology and Topography-

This well location is on the bench approximately 1/2 mile north of Castle Peak Draw, 11 miles south and 2 miles west of Myton, Utah. A small side canyon to Castle Peak Draw lies between the location and Castle Peak Draw. The wellpad is located on the north side of a small east-west round bottomed drainage about 75 yards across. Drainage is to the east. The access road enters the wellpad location immediately after leaving an existing road.

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

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

Paleontological material found -

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

Some of the pieces of dark brown chert found on the surface with limestone fragments appear to have ostracods (fresh water crustaceans) in them. This is a small invertebrate shelled animals common in some layers of the Uinta Formation in this area. Because ostracods are small and so common in these rocks, construction of wellpads and access road poses no threat to that paleontological resource.

Recommendations-

No other recommendations are made for this location.

Alden H. Hamblin

Date July 3, 1993



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 5, 1993

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

Gentlemen:

Enclosed are sundry notices requesting an extension for the APDs  
for the following wells:

Balcron Monument Federal #14-11  
Balcron Monument Federal #23-15  
Balcron Monument Federal #23-11  
Balcron Monument Federal #32-15  
Balcron Monument Federal #41-15

All of these APDs expire in September 1993 and our drilling  
program has these wells scheduled to begin after the expiration  
dates. If you need to hold these requests until closer to the  
expiration dates, please do so.

If you have any questions or need further information, please  
give me a call.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Enclosures

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AUG 11 1993

DIVISION OF  
OIL GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:  
Federal # U-096547

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.

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

7. Unit Agreement Name:  
Jonah Unit

1. Type of Well: OIL  GAS  OTHER:

8. Well Name and Number:  
Balcron Monument Fed. #14-11

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

9. API Well Number:  
43-013-31374

3. Address and Telephone Number:  
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

10. Field and Pool, or Wildcat:  
Monument Butte/Grn.River

4. Location of Well  
Footages: 1048' FSL, 446' FWL

County: Duchesne

QQ, Sec., T., R., M.: SW SW Section 11, T9S, R16E

State: UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandonment \*
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Request for APD extension
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION 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.)

This APD is scheduled to expire 9/29/93. We hereby request a one-year extension to this APD as our current drilling program has this well scheduled to begin after the expiration date.

RECEIVED

AUG 19 1993

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DIVISION OF  
OIL GAS & MINING

DATE: 8-10-93  
BY: [Signature]

13. Name & Signature: Bobbie Schuman  
Bobbie Schuman

Coordinator of Environmental  
and Regulatory Affairs Date: 8/5/93

(This space for State use only)



**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 9, 1993

RECEIVED

SEP 13 1993

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

DIVISION OF  
OIL, GAS & MINING

Gentlemen:

Enclosed are sundry notices reporting changes in drilling water source and drilling rig for the following wells:

- Balcron Monument Federal #41-15
- Balcron Monument Federal #32-15
- Balcron Monument Federal #14-11

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

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-096547

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 Fed. #14-11

9. API Well No.

43-013-31374

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Duchesne County, UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

SW SW Section 11, T9S, R16E

1048' FSL, 446' 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>change in rig and water source</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

Operator is changing the drilling rig and source of drilling water on this well. We will be using Union Rig #1 for drilling and the Joe Shields water source (Permit 47-1674, Application #57708) as the drilling water source.

Attached are EXHIBITS "D", "G", and "H" which replace those submitted with the APD. Also attached is a copy of the water permit.

**CONFIDENTIAL**  
SEP 13 1993

DIVISION OF  
OIL, GAS & MINING

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 9-14-93

BY: [Signature]

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

Signed

[Signature: Bobbie Schuman]  
Bobbie Schuman

Title

Coordinator of Environmental  
and Regulatory Affairs

Date

9-9-93

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 Oil Division

DRILLING PROGRAM

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

PROSPECT/FIELD: Monument Butte  
STATE: Utah

TOTAL DEPTH: SEE APD COVER SHEET

HOLE SIZE INTERVAL

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

CASING	INTERVAL		CASING		
	FROM	TO	SIZE	WEIGHT	GRADE
STRING TYPE					
Surface Casing	0	260	8 5/8"	24 #/Ft	J-55
Production Casing	0	T.D.	5 1/2"	15.50#/Ft	J-55
(All Casing will be new, ST&C)					

CEMENT PROGRAM

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

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

PRELIMINARY DRILLING FLUID PROGRAM

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

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

COMMENTS

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

BALCRON OIL CO.

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

Design Parameters:

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

Design Factors:

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

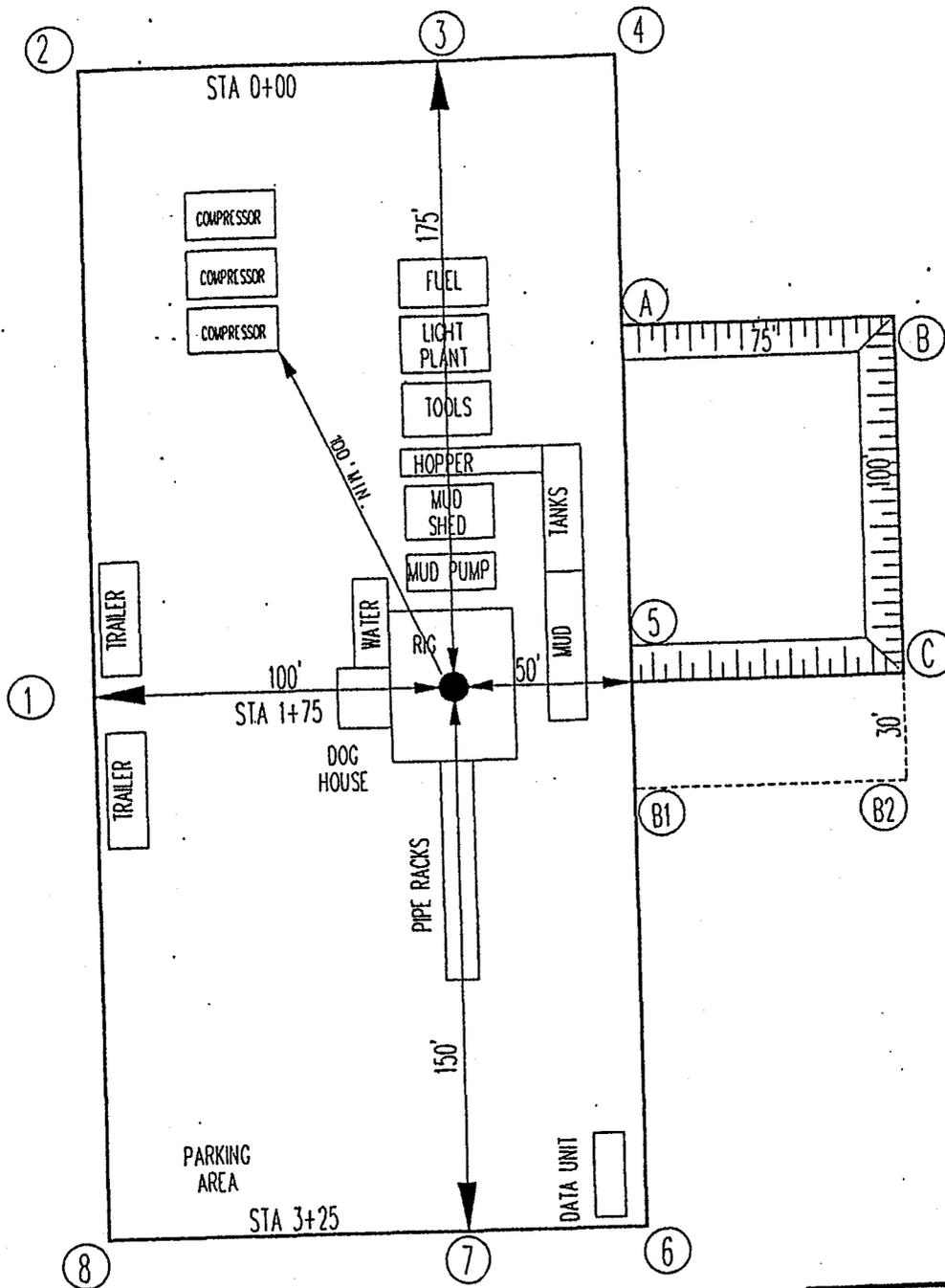
Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	SFC TO TD 5-1/2"	15.50	J-55	ST&C	SEE APD COVER SHEET	4.825			
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2850	4040	1.418	2850	4810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

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

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

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

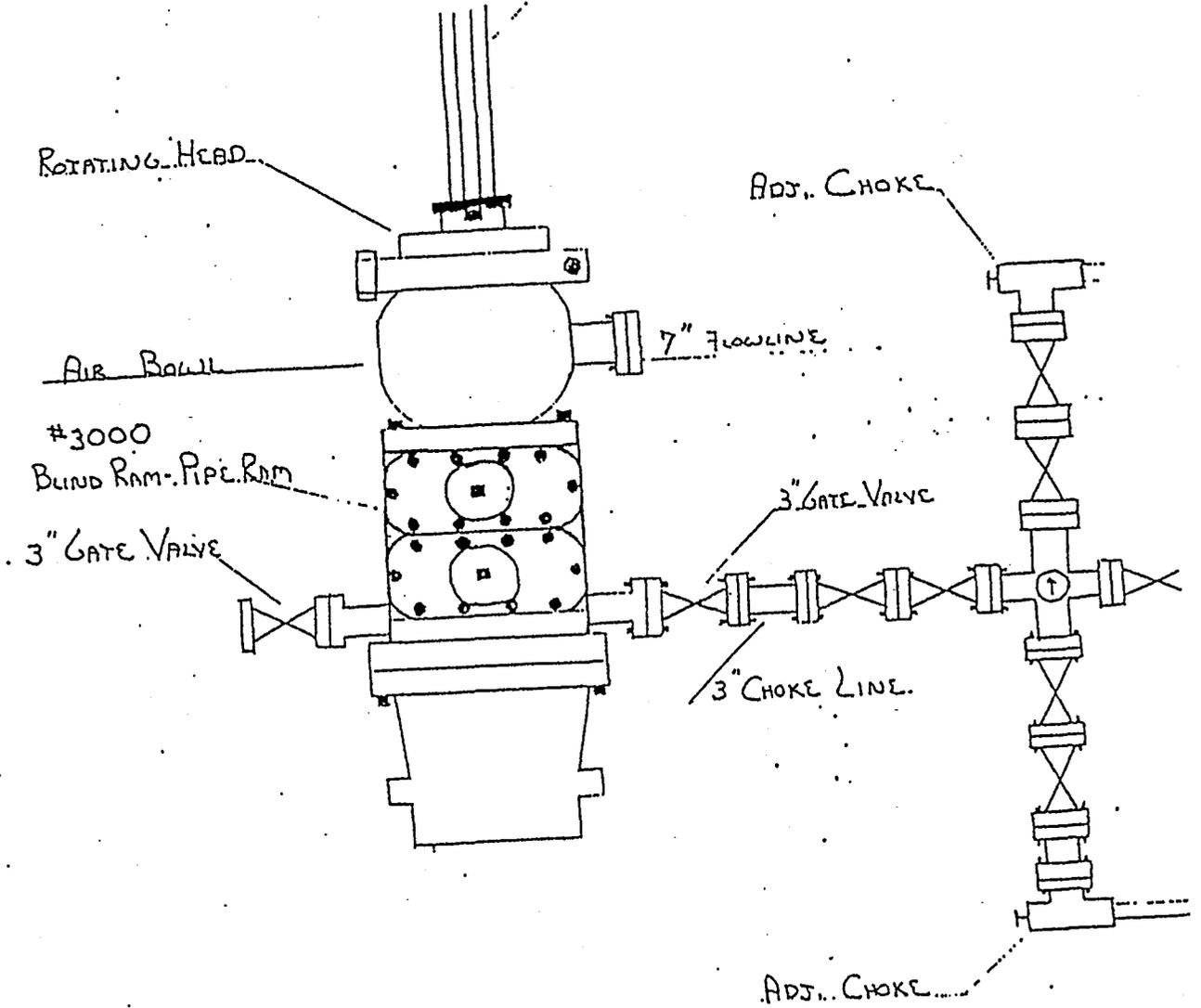
# EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



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

UNION DRILLING RIG #17

Hex Kelly ...



#3000 Stack



APPLICATION TO APPROPRIATE WATER STATE OF UTAH

47-1674

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

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

- 1. Irrigation [X] Domestic [ ] Stockwatering [ ] Municipal [ ] Power [ ] Mining [ ] Other Uses [X]

2. The name of the applicant is Joe Shields

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

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

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

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

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

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

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

which is tributary to, tributary to

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

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

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

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

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

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

Total .25 Acres

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

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

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

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

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

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

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

19. If application is for other uses, include general description of proposed uses 011 Field use

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Myton 011 Field in Pleasant Valley

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

EXPLANATORY

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

Lined area for providing additional facts.

(Use page 4 if additional explanatory is needed.)

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

Signature of Applicant

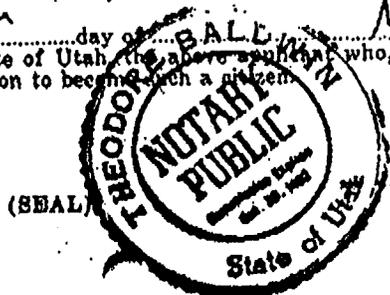
\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below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

DECLARATION OF CITIZENSHIP

STATE OF UTAH, Uintah }
County of

On the 10th day of May 1932, personally appeared before me, a notary public for the State of Utah, the above named who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:



Theodore Baldwin
Notary Public



EQUITABLE RESOURCES  
ENERGY COMPANY

BALCRON OIL DIVISION

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

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

September 20, 1993

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

Gentlemen:

RE: Balcron Monument Federal #14-11  
SW SW Section 11, T9S, R16E  
Duchesne County, Utah

Attached is our sundry notice reporting spud of the referenced well.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Attachment

cc: Utah Division of Oil, Gas and Mining

RECEIVED

SEP 22 1993

DIVISION OF  
OIL, GAS & MINING

CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

U-096547

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 Fed. #14-11

9. API Well No.

43-013-31374

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Duchesne County, UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SW SW Section 11, T9S, R16E  
  
1048' FSL, 446' 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 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.)

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 was spud at 11:20 a.m. 9/20/93 by Leon Ross Drilling (dry hole spud).

**CONFIDENTIAL**  
**RECEIVED**

SEP 22 1993

DIVISION OF  
OIL, GAS & MINING

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

Signed Bobbie Schuman

Title Coordinator of Environmental and Regulatory Affairs

Date 9-20-93

(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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES 43-013-31374

WELL NAME: BALCRON MONUMENT FEDERAL 14-11

Section 11 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 9/23/93

Time 10:00 PM

How ROTARY

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

Reported by AL PLUNKETT

Telephone # 1-823-6759

Date 9/23/93 SIGNED JLT

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #14-11

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

800' FSL, 460' FWL

PTD: 5720' Formation: Green River

Monument Butte Prospect

Elevations: 5661' GL

Contractor: Union Drilling Rig #17

Operator: Balcron Oil

Spud: 9-20-93 @ 11:30 a.m.

Casing: 8-5/8" @ 871' KB

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SEP 24 1993

DIVISION OF  
OIL, GAS & MINING

9-11-93 Start location.

9-13 through  
9-15-93 Work on location.

9-16 through  
9-17-94 Drill pit to shoot.

9-18-93 Had to shoot pit.

9-19-93 Finish location.  
CC: \$5,500

9-20-93 Move Leon Ross air rig on & drill surface to 275'. Dry-hole spud @ 11:30 a.m. 9-20-93.

9-21-93 Run csg & cmt by Halliburton.

Guide Shoe	.70
1 jt 8-5/8" 24# shoe jt	45.05
Insert Float	-----
5 jts 8-5/8" 24# csg	<u>225.60</u>
	271.35

Csg landed 10' Union Drlg KB 281' KB w/3 centralizers.  
Cmt'd w/150 sxs Class"G", 2% CCL & 1/4#/sx Celoflake.  
Good Circ. Got 6 bbls cmt back. Plug down 2:15 p.m. 9-21-93.

DC: \$20,637

CC: \$26,137

9-24-93 TD: 445' (164') Day 1  
Formation: Uintah  
MW 8.4 VIS 26 pH 10.5  
Present Operation: Drilling  
MIRU. NU & test BOP & manifold to 2000 psi - OK. Test surface ipse to 1500 psi - OK. Drill cmt, drill ahead, & survey.  
DC: \$4,012

CC: \$30,149

**Balcron Oil  
DAILY OPERATING REPORT**

DATE: 9/27/93

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

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

9-24-93 Completion  
Continue surface equipment hookup. Start up @ 1430 hr. 4 SPM, 74" stroke.  
DC: \$990

BALCRON MONUMENT FEDERAL #32-11

Operator: EREC/Balcron

BOD WI: 79.78%

--TIGHT HOLE--

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

Prospect: Jonah Unit, Monument Butte Field

9-24-93 Completion  
CP - 850 psig. TIH w/1 jt 2-7/8" tbg, 1 HD 5-1/2" packer, 1 SN & 2-7/8" tbg. Tag sand @ 4850' KB, set packer @ 4667' KB. Made 12 swab runs, recover 43 BF, trace of oil, no sand. TIH to sand fill @ 4863' KB. Circ clean to bridge plug, retrieve BP. TOOH w/2-7/8" t b g , p a c k e r & B P .

	Length	Landed
TIH w/1 jt 2-7/8" tbg, 2-7/8" EUE, J-55, 8RD, 6.5	30.10'	5263'
1 perf sub 2-7/8" x 3'	3.04'	5233'
1 seat nipple	1.10'	5230'
1 jt 2-7/8" tbg EUE, J-55, 8RD, 6.5#	5219'	5229'
ND BOP, NU wellhead. TIH w/1 BHP 2-1/2 x 1-1/2 x 16' RHAC & 60 3/4" rods. SDFN. Load to recover 375 BW.		
DC: \$9,802		

9-25-93 Completion  
TIH w/149 3/4" x 25' rods, one 8' pony, one 4' pony, one 2' pony, & one 1-1/4" x 16' PR. Clamp rods off. RDMO.  
Rod string configuration:  
1 BHP 2-1/2 x 1-1/2 x 16' RHAC w/SM plunger  
209 rods 3/4" x 25' plain  
One 8' x 3/4" pony  
One 4' x 3/4" pony  
One 2' x 3/4" pony  
One 1-1/4" x 16' polish rod SM.  
DC: \$619

BALCRON MONUMENT FEDERAL #14-11

Operator: Balcron/EREC

BOD WI: 100%

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

Prospect: Monument Butte

---TIGHT HOLE---

9-25-93 TD: 1,676' (1,231') Day 2  
Formation: Green River  
MW 8.4 VIS 27 pH 10.5  
Present Operation: Drill, survey, clean & paint.  
DC: \$15,896 CC: \$46,045

9-26-93 TD: 2,880' (1,204') Day 3  
Formation: Green River  
MW 8.4 VIS 26 pH 10.5  
Present Operation: Drilling  
Drill, survey, clean, & work on air compressor.  
DC: \$16,468 CC: \$62,513

9-27-93 TD: 3,906' (1,026') Day 4  
Formation: Green River  
MW 8.4 VIS 27 pH 10.5  
Present Operation: Drilling  
Drill, survey, clean on rig, unload 1 load 5-1/2" csg on pipe  
racks.  
DC: \$13,158 CC: \$75,671

Page 1 of 1

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

DATE: 9/28/93

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

BALCRON MONUMENT FEDERAL #14-11 Operator: Balcron/EREC  
 BOD WI: 100%  
 Location: SW SW Section 11, T9S, R16E  
 Duchesne County, Utah  
 Prospect: Monument Butte

---TIGHT HOLE---

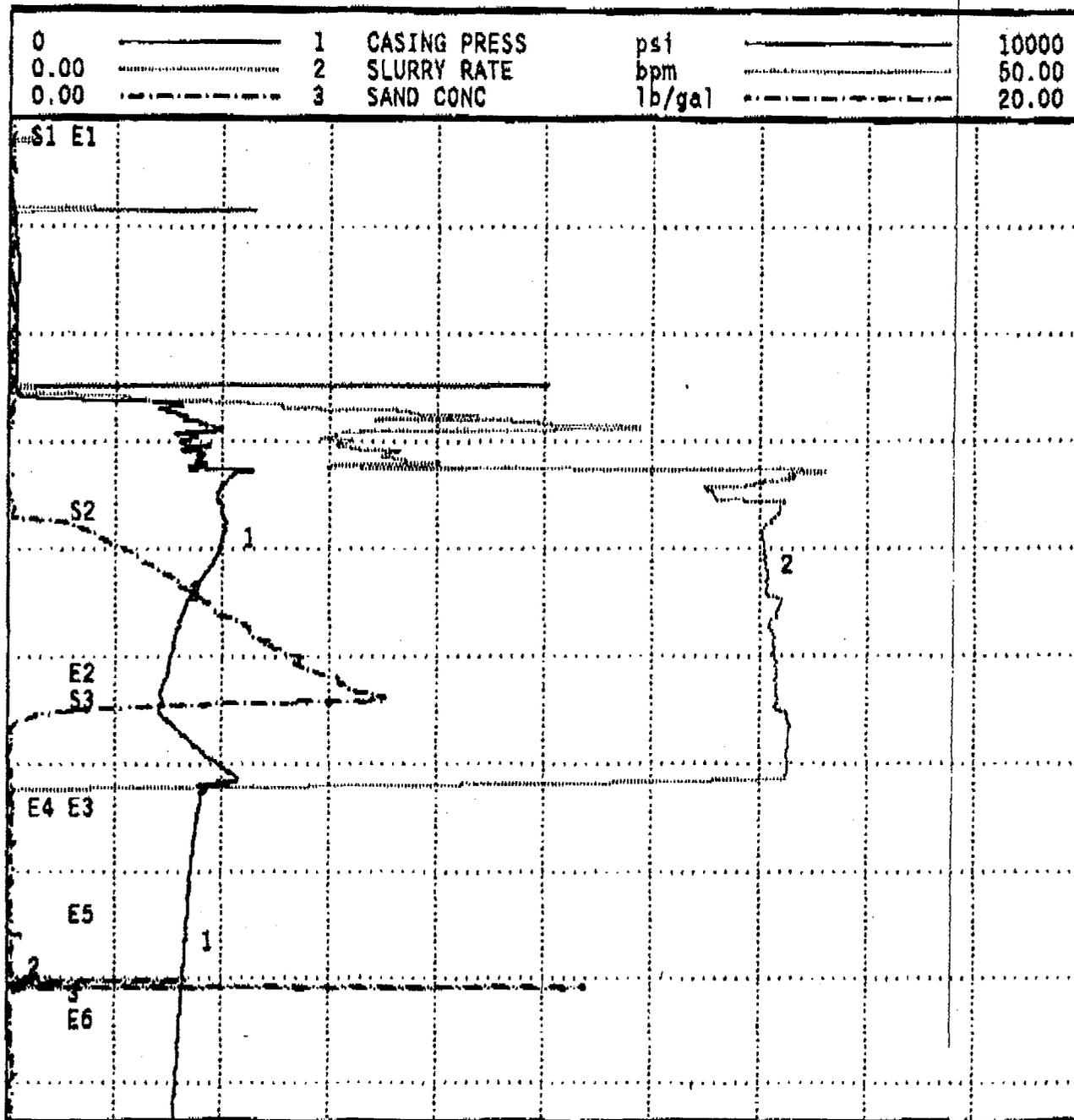
9-28-93 TD: 5,060' (1,154') Day 5  
 Formation: Green River  
 MW 8.4 VIS 26 pH 10  
 Present Operation: Drilling  
 Drill, survey, & clean on rig.  
 DC: \$14,990 CC: \$90,661

BALCRON MONUMENT FEDERAL #23-5 Operator: EREC/Balcron  
 BOD WI: 79.78%  
 Location: NE SW Section 5, T9S, R17E  
 Duchesne County, Utah  
 Prospect: Jonah Unit, Monument Butte

9-27-93 Completion  
 RU Halliburton to frac well. Pressure test surface equipment to  
 5000 psig - OK. Frac well using 45,000# 20-40 sand in 530 bbls  
 gelled wtr. Average rate - 35 BPM; Average treating pressure -  
 1850#. ISIP - 1794#, 5 min 1678#, 10 min 1613#, 15 min 1550#.  
 SDFN. Load to recover 531 BW. Please see attachment.  
 DC: \$4,385

#####

- 1. Casing Press (psi)
- 2. Slurry Rate (bpm)
- 3. Sand Conc (lb/gal)



09:07:33

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

DATE: 9/29/93

**\*\*JONAH UNIT PARTNERS' REPORT\*\***  
**BALCRON MONUMENT FEDERAL #14-11**

Operator: Balcron/EREC  
BOD WI: 100%  
Location: SW SW Section 11, T9S, R16E  
Duchesne County, Utah  
Prospect: Monument Butte

---TIGHT HOLE---

9-29-93 TD: 5,720' (660') Day 6  
Formation: Green River  
MW 8.6 VIS 30 pH 10  
Present Operation: Logging  
Drill & survey. Drilled to 5721' @ 9:30 p.m. 9-28-93. Circ & cond hole. TOH to log, strap out.  
DC: \$10,868 CC: \$101,529

**BALCRON MONUMENT FEDERAL #23-11**

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

---TIGHT HOLE---

9-27-93 Completion  
MIRU, TIH w/4-3/4" drag bit, 5-1/2" scraper & 182 jts 2-7/8" EUE, J-55 tbg. Tag PBD @ 5671' KB. Circ hole clean w/2% KCL wtr, TOOH w/tbg & tools. RU Schlumberger to perf 5155'-5162', 5171'-5181' KB 2 SPF. RD Schlumberger. TIH w/5-1/2" BP, 5-1/2" packer & 165 jts 2-7/8" tbg, set BP @ 5204' KB, set packer @ 5167' KB. RU Western to break down pressure test surface equipment to 5000 psig - OK. Start break down, initial 1600 psi, back to 800 psi, 2 BPM. Communicated between perfs, reset packer @ 5122' KB. Start break down initial break 1000 psi, back to 800 psi, 2.5 BPM. No ball off, ISIP - 800 psi. Pump for rate 6.6 BPM @ 2200 psi, ISIP 800. SDFN. Load to recover 124 BW. See treatment report attached.  
DC: \$18,068

9-28-93 Completion  
Csg vac, tbg vac. TOOH w/tbg & packer. RU Western to frac. Pressure tests surface equipment to 4000 psi - OK. Load hole 66 bbls, fluid level. Frac well using 28,200# 20-40 sand & 29,180# 16-30 sand. Average treating rate 25.1 BPM, average treating pressure - 1800 psi. See treatment report attached.  
DC: \$22,368

**BALCRON MONUMENT FEDERAL #23-5**

Operator: EREC/Balcron  
BOD WI: 79.78%  
Location: NE SW Section 5, T9S, R17E  
Duchesne County, Utah  
Prospect: Jonah Unit, Monument Butte

---TIGHT HOLE---

9-28-93 Completion  
CP - 795 psi. Flowed back 70 BW. TIH w/1 jt 2-7/8" tbg, 5-1/2" packer, SN, 177 jts tbg. Tag sand fill at 5505', circ to 5726', set packer 5426', EOT 5464'. Made 38 swab runs, recovered 228 BF. Last 4 runs fluid stable @ 3600', 5% oil, good gas. SWIFN.  
DC: \$1,787

**Balcron Oil  
DAILY OPERATING REPORT**

DATE: 9/30/93

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

BALCRON MONUMENT FEDERAL #23-11 Operator: Balcron/EREC  
 BOD WI: 79.78%  
 Location: NE SW Section 11, T9S, R16E  
 Duchesne County, Utah  
 ---TIGHT HOLE---  
 Prospect: Monument Butte

9-29-93 Completion  
 Csg - vac psig. TIH w/BP retrieving head, 1 jt 2-7/8" tbg, packer, SN & 162 jts 2-7/8" tbg. Tag sand fill @ 5095' KB. Circ sand out ot BP, set packer @ 5095' KB. Made 22 swab runs, recovered 79 BF, 1 all, 78 water. Last 3 runs stable @ 5050, oil trace. SWIFN. Load to recover 542 BW.  
 DC: \$19,679

BALCRON MONUMENT FEDERAL #14-11 Operator: Balcron/EREC  
 BOD WI: 100%  
 Location: SW SW Section 11, T9S, R16E  
 Duchesne County, Utah  
 ---TIGHT HOLE---  
 Prospect: Monument Butte

9-30-93 TD: 5,720' (0') Day 7  
 Formation: Green River  
 MW 8.6 VIS 30 pH 10  
 Present Operation: Circ 5-1/2" csg.  
 Finished logging #1 DIL-MSFL-GR, #2 - LDT-CNL-GR, #3 - RFT-GR.  
 TIH, circ & cond to run 5-1/2" csg. LD string, run 5-1/2" csg.  
 Ran 132 jts new 15.5#, K-55, R-3, 8RD LT&C csg - 5687.92 @ 5699.92 KB. PBTD @ 5663.56' KB.  

132 jts	5687.92'
Guide Shoe	1.00'
Float Collar	1.00'
<u>Rig KB</u>	<u>10.00'</u>
	5699.92' KB
Shoe Jt	- 36.36'
PBTD	5663.56' KB

 Cmt'd w/136 sxs "G" + additives. Tailed w/206 sxs 50-50 POZ + additives. Displaced w/134.8 bbls fresh water.  
 DC: \$53,875 CC: \$155,404

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

DATE: 10/1/93

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

BALCRON MONUMENT FEDERAL #41-15J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: NE NE Section 15, T9S, R16E  
Duchesne County, UtahProspect: Jonah Unit / Monument Butte  
PTD: 5700' Green River Oil - Dev.

---TIGHT HOLE---

9-13-93 Start location

9-14-93 Work on location.

9-15-93 Work on location.

9-16-93 Finish location.

9-23-93 Move Leon Ross on &amp; spud @ 9 a.m.. Drill to 275'..

9-24-93 Run 8-5/8" csg &amp; cmt by Halliburton.

Shoe .70'

1 jt 8-5/8" shoe jt 44.45'

Insert float -----

5 jts 8-5/8" 24# csg 225.11'

270.26

Set at ground level 267.00'

Union Drilling KB 10.00'

Set at KB 277.00'KB

Cmt by Halliburton w/150 sxs Class "G", 2% CCL & 1/4#/sx flocele. Good  
returns had 4 or 5 bbls cmt back. Plug down 2 p.m. 9-23-93.

10-1-93 TD: 277' (0') Day 1

Present Operation: Rigging up.

Started moving @ 11:45 p.m. 9-30-93.

DC: \$1,222.40 CC: \$20,797.40

BALCRON MONUMENT FEDERAL #14-11

Operator: Balcron/EREC

BOD WI: 100%

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

Prospect: Monument Butte

---TIGHT HOLE---

10-1-93 TD: 5,720' (0') Day 8

Present Operation: Tear down.

Circ & cmt 5-1/2" csg. Plug down @ 7:45 a.m. 9-30-93. Bump plug  
w/1500#. Release float held. Set slips, clean mud tank. Rig  
released 11:45 a.m. 9-30-93.

DC: \$9,071

CC: \$164,475

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

DATE: 10/5/93

**\*\*JONAH UNIT PARTNERS' DAILY REPORT\*\*****BALCRON MONUMENT FEDERAL #14-5J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SW Section 5, T9S, R17E  
Duchesne County, Utah

Prospect: Jonah Unit/Monument Butte

PTD: 5,700' Green River Oil - Dev.

---TIGHT HOLE---

10-5-93 TD: 1,735' (1,256') Day 2  
Formation: Green River  
MW water  
Present Operation: Drilling  
Drill, survey, & rig service.  
DC: \$24,880 CC: \$55,774

**BALCRON MONUMENT FEDERAL #14-11**

Operator: Balcron/EREC

BOD WI: 100%

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

Prospect: Monument Butte

---TIGHT HOLE---

10-4-93 Completion  
MIRU Cannon Well Service Rig #1. RU tanks & pump. Fill frac  
tanks.  
DC: \$13,927

**BALCRON MONUMENT FEDERAL #23-11**

Operator: Balcron/EREC

BOD WI: 79.78%

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

Prospect: Monument Butte

---TIGHT HOLE---

10-4-93 Completion  
Csg vac. TIH w/BP retrieving tool & tbg. Tag sand fill @ 4630' KB.  
Circ sand out to 4750' (BP), release BP & TOOH w/tbg & BP. TIH  
w/BP retrieving tool, 1 jt 2-7/8" tbg, 5-1/2" packer, SN & 2-7/8"  
tbg, tag sand fill at 4900' KB, circ sand out to 503=26', set  
packer @ 4656'. Made 6 swab runs, recovered 30 BW, trace of oil.  
SWIFN.  
DC: \$7,435

**RECEIVED**

OCT 05 1993

DIVISION OF  
OIL, GAS & MINING



EQUITABLE RESOURCES ENERGY COMPANY  
BALCRON OIL DIVISION  
1601 Lewis Avenue  
100 East 200 N  
Salt Lake City, UT 84104-1017

TREATMENT REPORT

Date of Treatment: 10-7-93

Well Name Monument Well, 14-11J SEC. 11 TWN. 9 S RNG. 16 E  
Field Monument Butte County Duchesne State Utah

Formation/Perforations: 5175'-88' / GREEN RIVER 2 SPF

Treatment type: SAND FRAC. Step #2 Total Number of Holes: 26  
Treatment Company: Western

Volume	Fluid	Conc.	Sand Characteristics	
			Size	Volume
Gal.				
Gal.				
167 7000 Gal.	2% KCL	PAD	208 BPM	2730 PSI
27 1050 Gal.	"	2 #	20140	2100 #
37 1300 Gal.	"	4 #	20140	5200 #
45 1500 Gal.	"	6 #	20140	9000 #
39 1300 Gal.	"	6 #	16130	7800 #
34 1200 Gal.	"	7 #	16130	8400 #
Gal.			1	#
Gal.			1	#
Gal.			1	#

TOTAL FLUID PUMPED: gal. %  
gal. 2.2% KCL water Acid fluid

TOTAL SAND VOL.: 16300 lbs. 20140 sand  
16200 lbs. 16130 sand = 32,500 LBS.  
lbs. 1 sand  
lbs. 1 bauxite

Flushed well with 5082 gal. of 2% KCL water  
ball sealers were pumped. Was ball action seen?

Barrels of Load to Recover 430 BLR.

Avg. Treating Pressure = 2250 psi, max = 2710 psi, min = 1800 psi  
Avg. Treating Rate = 20.4 bpm, max = 20.6 bpm, min = 20.2 bpm  
ISIP = 2000 psi, 5 min. = 1900 psi, 10 min. = 1800 psi, 15 min. = 1750 psi  
Well will be shut in for hrs. before bringing back fluid.

REMARKS:



**EQUITABLE RESOURCES  
 ENERGY COMPANY**  
 BALCRON OIL DIVISION  
 1601 Lava Avenue  
 P.O. Box 21017  
 Billings, MT 59104-1017

TREATMENT REPORT

Date of Treatment: 10-7-93

Well Name Monument #14-115 SEC. 11 TWN. 9 S RNG. 16 E  
 Field Monument #14-115 County Duckwater State Utah

Formation/Perforations: GREEN RIVER / 5175'-88' 2 SPF

Treatment type: Break Down Total Number of Holes: 26  
 Treatment Company: Western

Volume	Fluid	Conc.	Sand Characteristics	
			Size	Volume
Gal.				
Gal.				
Gal.				
Gal.				#

TOTAL FLUID PUMPED: \_\_\_\_\_ gal. \_\_\_\_\_ % \_\_\_\_\_ Acid fluid

TOTAL SAND VOL.: \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ bauxite

Flushed well with \_\_\_\_\_ gal. of 2% KCL water  
 ball sealers were pumped. Was ball action seen? Yes Yes Yes Yes

Barrels of Load to Recover 27 BLR.  
 Avg. Treating Pressure = 2550 psi, max = 3600 psi, min = 1500 psi.  
 Avg. Treating Rate = 5.0 bpm, max = 6.4 bpm, min = 4.0 bpm.  
 ISIP = 1400 psi, 5 min. = \_\_\_\_\_ psi, 10 min. = \_\_\_\_\_ psi, 15 min. = \_\_\_\_\_ psi.  
 Well will be shut in for \_\_\_\_\_ hrs. before bringing back fluid.

REMARKS: initial Break 3500 PSI at 2.5 BPM, back to 1590 PSI at 4.9 BPM, surge balls off pump for Rate, 7.9 BPM at 2800 PSI

Well site Supervisor: Dale [Signature]

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

DATE: 10/8/93

**\*\*JONAH UNIT PARTNERS' DAILY REPORT\*\*****BALCRON MONUMENT FEDERAL #14-5J**

Operator: EREC/Balcron  
BOD WI: 79.78%  
Location: SW SW Section 5, T9S, R17E  
Duchesne County, Utah  
Prospect: Jonah Unit/Monument Butte  
PTD: 5,700' Green River Oil - Dev.

10-8-93 TD: 3,970' (620') Day 5  
Formation: Green River  
MW 8.4 VIS 26 pH 11.2  
Present Operation: Drilling  
Drill, survey, & rig service.  
DC: \$9,645 CC: \$83,743

**BALCRON MONUMENT FEDERAL #14-11**

Operator: Balcron/EREC  
BOD WI: 100%  
Location: SW SW Section 11, T9S, R16E  
Duchesne County, Utah  
Prospect: Monument Butte

---TIGHT HOLE---

10-7-93 Completion  
RU Western to do break down on 5175'-88'. Pressure test surface equipment to 5000 psi. Start break down refer to Treatment Report attached. TOOH w/tbg & packer. RU Western to frac refer to Treatment Report attached. Pressure test surface equipment to 4000 psi - OK. Start frac. RD Western. SWIFN. Load to recover - 993.  
DC: \$20,890

**BALCRON MONUMENT FEDERAL #14-15J**

Operator: EREC/Balcron  
BOD WI: 79.78%  
Location: NE NE Section 15, T9S, R16E  
Duchesne County, Utah  
Prospect: Jonah Unit / Monument Butte

10-8-93 TD: 5,716' (226') Day 8  
Formation: Douglas Creek  
MW 8.5 VIS 27 pH 10.5  
Present Operation: TOH to LD drill pipe.  
Drill, reach TD @ 1:15 p.m. @ 5716'). Circ & cond hole, TOH to log, run HLS logs. TOH LD drill pipe.  
DC: \$22,148 CC: \$120,443

**BALCRON MONUMENT FEDERAL #14-11J**

**Operator: Balcron/EREC**

**BOD WI: 100%**

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

**Prospect: Monument Butte**

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

10-6-93

Completion

CP - 15 psi. RU Western to frac 5553'-56' KB. Pressure test surface equipment to 4000 psi - OK. Refer to Treatment Report 1st Stage attached. Break @ 3000 psi .5 BPM, back to 2800 psi @ 5.0 BPM. Start pad, cross link quit, shut down. Start pumping, 3000 psi @ 0.2 BPM, shut down, call for 500 gals 15% HCL. Start acid, balance acid 500' above perforations. TOOH w/tbg, RU to break down w/acid & frac. Refer to Treatment Report. RU Cutter Wireline to set RBP @ 5210' KB & perforate 5175'-88' 2 SPF (26 holes). RD Cutters. TIH w/5-1/2" packer, SN & 2-7/8" tbg, set packer @ 5122'. SWIFN. Load to recover 486 BW.

DC: \$23,686

**BALCRON MONUMENT FEDERAL #23-11J**

**Operator: Balcron/EREC**

**BOD WI: 79.78%**

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

**Prospect: Monument Butte**

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

10-6-93

Completion

Csg - vac. TIH, tag sand @ 4995' KB, circ clean to BP @ 5045' KB, retrieve BP, TOH w/tbg & BP. TIH w/the following:

	<u>Length</u>	<u>Landed at KB</u>
1 jt 2-7/8" tbg EUE, J-55, 8RD, 6.5#	31.85'	5296.20' KB
one 2-7/8" x 3' perf sub	3.05'	5264.35' KB
one seat nipple	1.15'	5261.30' KB
168 jts 2-7/8" tbg EUE, J-55, 8RD 6.5#	5250.15'	5260.15' KB.

ND BOP, NU wellhead. TIH w/the following:  
BHP, 2-1/2" x 1-1/2" x 16' RHAC w/RA plunger  
209 3/4" x 25' rods plain  
one 3/4" x 8' pony  
one 3/4" x 6' pony  
one 3/4" x 2' pony  
one 1-1/4" x 16' polish rods SM

Pressure test tbg to 500 psi - OK. RDMO

DC: \$7,118



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 #14-11  
SW SW Section 11, T9S, R16E  
Duchesne County, Utah

and

Balcron Federal #21-25Y  
NE NW Section 25, T9S, R16E  
Duchesne County, Utah

Enclosed are Report of Replacement Rig for completion on  
the above referenced wells.

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

Sincerely,

*Molly M. Conrad*

Molly M. Conrad  
Operations Secretary

/mc

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

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OCT 06 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-096547

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 Fed. #14-11

9. API Well No.

43-013-31374

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Duchesne County, UTAH

*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

SW SW Section 11, T9S, R16E

1048' FSL, 446' 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>Replacement rig for Completion</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.)\*

We will be using a completion rig on this well.

*RECEIVED*

OCT 06 1993

DIVISION OF  
OIL, GAS & MINING

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

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

Coordinator of Environmental  
and Regulatory Affairs

Date October 4, 1993

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 OIL DIVISION  
1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104-1017

TREATMENT REPORT

Well Name Monument Fed. 14-115 Date of Treatment: 10-5-93  
 Field Monument Butte County Duchesne SEC. 11 TWN. 25 RNG. 16E  
 State Utah  
 Formation/Perforations: GREEN RIVER / 5553-56 2SPF

Treatment type: Break Down Total Number of Holes: 6  
 Treatment Company: Western

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

TOTAL FLUID PUMPED: \_\_\_\_\_ gal. \_\_\_\_\_ % Acid fluid  
 \_\_\_\_\_ gal. \_\_\_\_\_ fluid

TOTAL SAND VOL. : \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ bauxite

Flushed well with \_\_\_\_\_ gal. of 2% HCL WATER  
12 ball sealers were pumped. Was ball action seen? Yes, No BALL OFF  
 Barrels of Load to Recover 49 BLTR.

Avg. Treating Pressure = 3200 psl, max = 3800 psl, min = 2800 psl.  
 Avg. Treating Rate = 3.8 bpm, max = 4.1 bpm, min = 2.1 bpm.  
 ISIP = 1600 psl, 5 min. = \_\_\_\_\_ psl, 10 min. = \_\_\_\_\_ psl, 15 min. = \_\_\_\_\_ psl.  
 Well will be shut in for 14 hrs. before bringing back fluid.

REMARKS: INITIAL BREAK AT 3600 PSI 2.1 BPM. BACK TO 2800 PSI AT 3.2 BPM.



**EQUITABLE RESOURCES  
ENERGY COMPANY**  
BALCRON OIL DIVISION  
1000 W. 17th St. Billings, MT 59104-1017

TREATMENT REPORT

Date of Treatment: 10-6-93

Well Name Monument Rd. 14-11 J SEC. 11 TWN. 9S RNG. 16E  
Field Monument Butte County Emery State Utah

Formation/Perforations: GREEN RIVER / 5553-56 25PF

Treatment type: SAND FRAC. STGE. #1 Total Number of Holes: 6  
Treatment Company: Western

			Sand Characteristics	
Volume	Fluid	Conc.	Size	Volume
_____ Gal.	_____	_____	_____	_____ #
<u>500</u> Gal.	<u>HCL</u>	_____	_____	_____ #
<u>5000</u> Gal.	<u>2% KCL PAD,</u>	_____	_____	_____ #
<u>1400</u> Gal.	<u>"</u>	<u>2 #</u>	<u>16/30</u>	<u>2800</u> #
<u>1300</u> Gal.	<u>"</u>	<u>4 #</u>	<u>16/30</u>	<u>5200</u> #
<u>1000</u> Gal.	<u>"</u>	<u>7 #</u>	<u>16/30</u>	<u>7000</u> #
<u>0</u> Gal.	_____	_____	<u>1</u>	_____ #
_____ Gal.	_____	_____	<u>1</u>	_____ #
_____ Gal.	_____	_____	<u>1</u>	_____ #
_____ Gal.	_____	_____	<u>1</u>	_____ #
_____ Gal.	_____	_____	<u>1</u>	_____ #

TOTAL FLUID PUMPED: \_\_\_\_\_ gal. \_\_\_\_\_ % Acid fluid  
\_\_\_\_\_ gal. 2% KCL water

TOTAL SAND VOL. : 15000 lbs. 16/30 sand  
\_\_\_\_\_ lbs. 1 sand  
\_\_\_\_\_ lbs. 1 sand  
\_\_\_\_\_ lbs. 1 bauxite

Flushed well with 5502 gal. of 2% KCL water  
\_\_\_\_\_ ball sealers were pumped. Was ball action seen? \_\_\_\_\_

Barrels of Load to Recover 472 BTR.  
Avg. Treating Pressure = 3000 psi, max = 3350 psi, min = 2650 psi.  
Avg. Treating Rate = 18.7 bpm, max = 18.9 bpm, min = 18.6 bpm.  
ISIP = 1950 psi, 5 min. = 1660 psi, 10 min. = 1580 psi, 15 min. = 1550 psi.  
Well will be shut in for \_\_\_\_\_ hrs. before bringing back fluid.

REMARKS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**EQUITABLE RESOURCES  
ENERGY COMPANY**  
BALCRON OIL DIVISION  
1601 Lewis Avenue  
P.O. Box 21017  
Billings, MT 59104-1017

TREATMENT REPORT

Date of Treatment: 10-6-93

Well Name Monument #2, 14-115 SEC. 11 TWN. 9 S RNG. 16 E  
Field Monument Butte County Duchesne State Utah

Formation/Perforations: GREEN RIVER / 5175'-88' 2 SPF

Treatment type: Break Down Total Number of Holes: 26  
Treatment Company: Western

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

TOTAL FLUID PUMPED: \_\_\_\_\_ gal. \_\_\_\_\_ % \_\_\_\_\_ Acid fluid

TOTAL SAND VOL. : \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ bauxite

Flushed well with \_\_\_\_\_ gal. of 2% HCL water  
 \_\_\_\_\_ ball sealers were pumped. Was ball action seen? HH HH HH HH yes  
 Barrels of Load to Recover 77 BJLR.

Avg. Treating Pressure = 2550 psi, max = 3600 psi, min = 1500 psi.  
 Avg. Treating Rate = 5.0 bpm, max = 6.4 bpm, min = 4.0 bpm.  
 ISIP = 1400 psi, 5 min. = \_\_\_\_\_ psi, 10 min. = \_\_\_\_\_ psi, 15 min. = \_\_\_\_\_ psi.  
 Well will be shut in for \_\_\_\_\_ hrs. before bringing back fluid.

REMARKS: initial Break 3500 Psi at 2.5 BPM, back to 1590 Psi at 4.9 BPM, surge ballers off pump for date, 7.4 BPM at 2.800 Psi

Well site Supervisor: Dale [Signature]



**EQUITABLE RESOURCES ENERGY COMPANY**  
 BALCRON OIL DIVISION  
 1501 Lewis Avenue  
 P.O. Box 21017  
 Billings, MT 59104-1017

TREATMENT REPORT

Well Name Monument Well, 14-11 J Date of Treatment: 10-7-93  
 Field Monument Butte County Duchesne SEC. 11 TWN. 9 S RNG. 16 E  
 State Utah  
 Formation/Perforations: 5175'-88' / GREEN RIVER 2 SPF

Treatment type: SAND FRAC. Stage #2 Total Number of Holes: 26  
 Treatment Company: Western

Volume	Fluid	Conc.	Sand Characteristics	
			Size	Volume
Gal.				
Gal.				
167 7000	Gal. 2% KCL	PAD 20BPM 2730PSI		
27 1050	Gal. "	2 #		
37 1300	Gal. "	4 #	20/40	2100 #
45 1500	Gal. "	6 #	20/40	5200 #
39 1300	Gal. "	6 #	20/40	9000 #
34 1200	Gal. "	7 #	16/30	7800 #
Gal.			16/30	8400 #
Gal.			1	#
Gal.			1	#
Gal.			1	#

TOTAL FLUID PUMPED: \_\_\_\_\_ gal. \_\_\_\_\_ %  
 \_\_\_\_\_ gal. 2% KCL water \_\_\_\_\_ Acid fluid

TOTAL SAND VOL.: \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ sand = 32,500 LBS.  
 \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ sand  
 \_\_\_\_\_ lbs. \_\_\_\_\_ bauxite

Flushed well with 121 5082 gal. of 2% KCL water  
 ball sealers were pumped. Was ball action seen? \_\_\_\_\_  
 Barrels of Load to Recover 430 BLTR.

Avg. Treating Pressure = 2250 psl, max = 2710 psl, min = 1800 psl.  
 Avg. Treating Rate = 20.4 bpm, max = 20.6 bpm, min = 20.2 bpm.  
 ISIP = 2000 psl, 5 min. = 1900 psl, 10 min. = 1800 psl, 15 min. = 1750 psl.  
 Well will be shut in for \_\_\_\_\_ hrs. before bringing back fluid.

REMARKS: \_\_\_\_\_



EQUITABLE RESOURCES  
ENERGY COMPANY

CONFIDENTIAL

**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

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OCT 29 1993

DIVISION OF  
OIL, GAS & MINING

October 29, 1993

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

Gentlemen:

RE: Balcron Monument Federal #14-11

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

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-096547**

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 #14-11**

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

9. API Well No.  
**43-013-31374**

3. 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**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SW SW Section 11, T9S, R16E**

11. County or Parish, State

**1048' ESL, 446' FWL**

**Lucasne County, Utah**

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Report of first production

- 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.)\*

**First production on this well was 10-27-93 @ 1:30 p.m.**

*[Handwritten signature and stamp]*  
10/27 1993  
BUREAU OF LAND MANAGEMENT  
OIL, GAS & MINERAL

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

Signed *[Signature]*  
**Dave McCoskey**  
(This space for Federal or State office use)

Title **Operations Manager**

Date **October 28, 1993**

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

Title \_\_\_\_\_

Date \_\_\_\_\_



NOV 16 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 #14-11J API Number: 43-013-31374

Section: 11 Township: 9S Range: 16E County: DUCHESNE

Field: MONUMENT BUTTE

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

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

Y Well head \_\_\_\_\_ Boiler(s) \_\_\_\_\_ Compressor \_\_\_\_\_  
Separator(s) \_\_\_\_\_ Dehydrator(s) \_\_\_\_\_ Shed(s) Y 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 OIL TANKS</u> BBLS
	<u>Y</u> Water Tank(s)	<u>1-130 BARREL PIT TANK</u> BBLS
	Power Water Tank	BBLS
	Condensate Tank(s)	BBLS
	<u>(2)</u> Propane Tank	BBLS

REMARKS: LINE HEATER IS HEATED BY EXHAUST MUFFLER ON PUMP MOTOR; PIT  
TANK WITH WIRE COVER; NO SALES LINE OR METERS AT PRESENT TIME.

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

Inspector: DENNIS INGRAM Date: 11/5/93



**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:

RE: Balcron Monument Federal #41-15  
Balcron Monument Federal #14-11  
Balcron Federal #21-25Y

Enclosed are the following items for the referenced well:

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

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

SW SW Section 11, T9S, R16E

1048' FSL, 446' FWL

5. Lease Designation and Serial No.

U-096547

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 Fed. #14-11

9. API Well No.

43-013-31374

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Duchesne County, UTAH

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

Attached is the Site Security Diagram for this well.

RECEIVED  
MAY 01 1993  
BUREAU OF LAND MANAGEMENT  
BILLINGS, MONTANA

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

Coordinator of Environmental  
and Regulatory Affairs

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

Date 11-29-93

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

Title \_\_\_\_\_

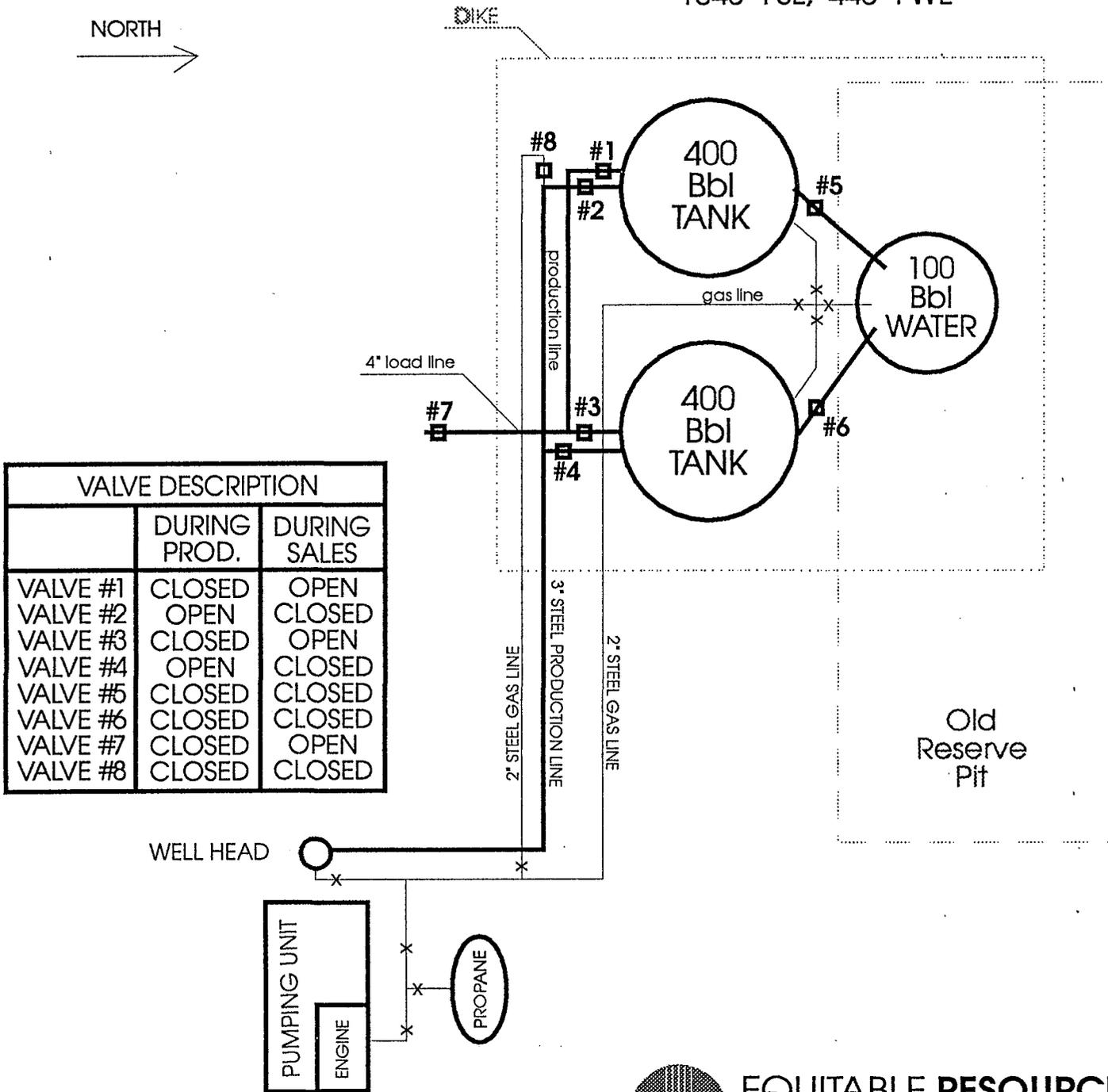
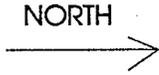
Date \_\_\_\_\_

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 14-11 Production Facility Diagram

Balcron Monument Federal 14-11  
SW SW Sec. 11, T9S, R16E  
Duchesne County, Utah  
Federal Lease #U-096547  
1048' FSL, 446' FWL



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



DIAGRAM NOT TO SCALE



**EQUITABLE RESOURCES  
ENERGY COMPANY**  
BALCRON OIL DIVISION

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

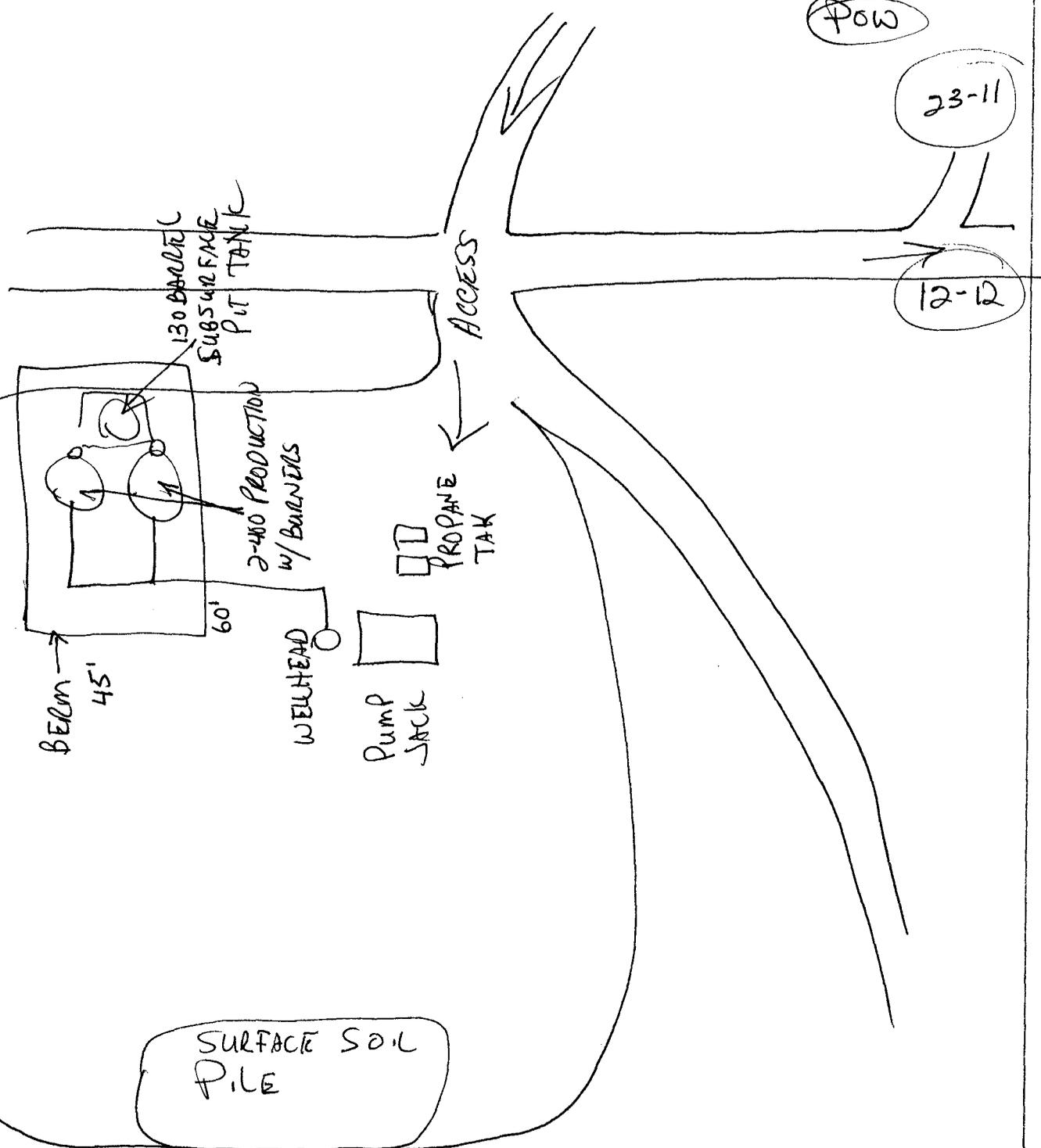
↑ NORTH

BALCON MONUMENT FED # 14-11J  
SEC 11 T9S R16E 43-013-31374

POW

23-11

12-12



SURFACE SOIL PILE

NOV 11 1993  
 DIVISION OF  
 OIL, GAS & MINING

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

1. Well name and number: Balcron Monument Federal #14-11  
 API number: 43-013-31374
2. Well location: QQ SW SW section 11 township 9S range 16E county Duchesne
3. Well operator: Equitable Resources Energy Company, Balcron Oil Division  
 Address: P.O. Box 21017 phone: (406) 259-7860  
Billings, MT 59104
4. Drilling contractor: Union Drilling  
 Address: Drawer 40 phone: (304) 472-4610  
Duckhamon, WV 26201

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 sent separately

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

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

Name Bobbie Schuman Signature Bobbie Schuman  
 Title Coordinator of Environmental and Date 11-30-93  
Regulatory Affairs

Comments:

OPERATOR EQUITABLE/BALCRON

OPERATOR ACCT. NO. N 9890

ADDRESS \_\_\_\_\_

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	11533	11492	43-013-31373	MONUMENT FED 23-15	NESW	15	9S	16E	DUCHESNE	10-6-93	11-30-93
WELL 1 COMMENTS: *JONAH UNIT											
B	99999	11492	43-013-31374	MONUMENT FED 14-11	SWSW	11	9S	16E	DUCHESNE	9-23-93	10-27-93
WELL 2 COMMENTS: *JONAH UNIT											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

L. CORDOVA (DOGM)  
Signature  
ADMIN. ANALYST  
Title  
12-6-93  
Date  
Phone No. ( )

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well     Gas Well     Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SW SW Section 11, T9S, R16E  
 1048' FSL, 446' FWL

5. Lease Designation and Serial No.  
 U-096547

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 Fed. #14-11

9. API Well No.  
 43-013-31374

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

11. County or Parish, State  
 Duchesne County, UTAH

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

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

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

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

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

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining  
Date: 12-3-93

14. I hereby certify that the foregoing is true and correct  
 Signed: Bobbie Schuman Title: Coordinator of Environmental and Regulatory Affairs Date: November 30, 1993  
 (This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any: Federal Approval of this permit is necessary

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See Instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-096547

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

Jonah Unit

8. FARM OR LEASE NAME

Balconron Monument Federal

9. WELL NO.

#14-11

10. FIELD AND POOL, OR WILD CAT

Monument Butte/ Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SW SW Section 11, T9S, R16E

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

**CONFIDENTIAL**

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

3. ADDRESS OF OPERATOR  
P.O. Box 21017, Billings, MT 59104 (406) 255-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1048' FSL, 446' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

43-013-31374 9-29-92

12. COUNTY OR PARISH 13. STATE

Duchesne UTAH

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD  
9-20-93 9-30-93 10-27-93 5661' GL

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS  
5720' 5663.56' KB n/a Sfc - TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE  
5553'-5556'  
5175'-5188' Green River No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED  
DLL-MSFL-IDT-CNL-CR MUDLOG 10-4-93 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#	871' KB	12-1/4"	150 sxs "G" + additives	n/a
5-1/2"	15.5#	5699.92'	7-7/8"	136 sxs "G" + additives	n/a
				206 sxs 50-50 POZ + additives	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5560'	n/a

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5553'-5556'	(2 SPF)	5175'-5188'	16,300# 20/40 sand and 16,200# sand w/430 bbls 2% KCL water
5175'-5188'	(2 SPF)	5553'-5556'	15,000# 16/30 sand w/472 bbls 2% KCL water.

33.\* PRODUCTION  
DATE FIRST PRODUCTION 10-27-93 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
11-3-93	24	n/a		20	600	8	6

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
r/a	r/a		20	600	8	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 Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE 11-29-93

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

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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	See Geological Report sent separately.		

38. GEOLOGIC MARKERS

**RECEIVED**

DEC 01 1993

DIVISION OF  
OIL, GAS & MINING



DONALD CANNON, President

PHONE 801/789-05

789-1218

1-828-7591

1-828-7495

# CANNON WELL SERVICE, INC.

P.O. Box 906  
VERNAL, UTAH 84078

## SWAB REPORT

DATE 10-8-93 LEASE Monument WELL NO. Fed 14-11 F

TANK NO. TANK SIZE BBLs. PER INCH CO. REP.

TIME	FLUID LEVEL	PULLED FROM	FLUID LEVEL IN TANK		BBLs. IN TANK	BBLs. PER RUN	TOT. BBLs SWABBED	FLUID ANALYSIS					
			FT.	IN.				OIL	WATER	MUD	BS	GAS	
1	2:00	Surface	1000'			6	6		100%				
2		300'	1300'			6	12		100%				
3		500'	1500'			6	18		100%			Sw	
4		700'	1700'			6	24		100%			"	
5		1000'	2000'			6	30		100%			"	
6		1200'	2200'			6	36		100%			"	
7		1500'	2500'			6	42		100%			"	Gas
8		1800'	2800'			6	48		100%			"	"
9		2000'	3000'			6	54	trace	100%			"	"
10		2200'	3200'			6	60	trace	100%			"	"
11		2400'	3400'			6	66	trace	100%			"	"
12		2600'	3600'			6	72	trace	100%			"	"
13		2800'	3800'			6	78	trace	100%			"	"
14		3000'	4000'			6	84	trace	100%			"	"
15		3100'	4100'			6	90	trace	100%			"	"
16	5:10	3200'	4200'			6	96	trace	100%			"	"
17							60						
18							156						
19													
20													
21													
22													
23													
24													
25													
26													
27													

Flowed back 60 bbls  
156 total Bbls recovered



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

**CONFIDENTIAL**

**FEB 25 1994**

February 23, 1994

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

Gentlemen:

RE: Balcron Monument Federal #21-15J  
Balcron Monument Federal #14-11J  
Balcron Monument Federal #14-5J  
Balcron Monument Federal #13-8  
Balcron Monument Federal #14-8  
Balcron Monument Federal #12-12J  
Balcron Monument Federal #23-5  
Balcron Monument Federal #23-11J

43-013-31374

Enclosed for your records is the complete package of daily operating reports on the subject wells.

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

Sincerely,

*Molly Conrad*

Molly M. Conrad  
Operations Secretary

/mc

Enclosures

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

FEB 25 1994

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #14-11

Location: SW SW Section 11, T9S, R16E

Duchesne County, Utah

800' FSL, 460' FWL

---TIGHT HOLE---

PTD: 5720' Formation: Green River

Monument Butte Prospect

Elevations: 5661' GL

Contractor: Union Drilling Rig #17

Operator: Balcron Oil

Spud: 9-20-93 @ 11:30 a.m.

Casing: 8-5/8" @ 871' KB

5-1/2" @ 5699.92'

Tubing: 2-7/8" @ 5560'

9-11-93 Start location.

9-13 through

9-15-93 Work on location.

9-16 through

9-17-94 Drill pit to shoot.

9-18-93 Had to shoot pit.

9-19-93 Finish location.

CC: \$5,500

9-20-93 Move Leon Ross air rig on & drill surface to 275'. Dry-hole spud @ 11:30 a.m. 9-20-93.

9-21-93 Run csg & cmt by Halliburton.

Guide Shoe .70

1 jt 8-5/8" 24# shoe jt 45.05

Insert Float -----

5 jts 8-5/8" 24# csg 225.60

271.35

Csg landed 10' Union Drlg KB 281' KB w/3 centralizers.

Cmt'd w/150 sxs Class"G", 2% CCL & 1/4#/sx Celoflake. Good Circ.

Got 6 bbls cmt back. Plug down 2:15 p.m. 9-21-93.

DC: \$20,637

CC: \$26,137

9-24-93 TD: 445' (164') Day 1

Formation: Uintah

MW 8.4 VIS 26 pH 10.5

Present Operation: Drilling

MIRU. NU & test BOP & manifold to 2000 psi - OK. Test surface ipe to 1500 psi - OK. Drill cmt, drill ahead, & survey.

DC: \$4,012

CC: \$30,149

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #14-11

Location: SW SW Section 11, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

9-25-93 TD: 1,676' (1,231') Day 2  
 Formation: Green River  
 MW 8.4 VIS 27 pH 10.5  
 Present Operation: Drill, survey, clean & paint.  
 DC: \$15,896 CC: \$46,045

9-26-93 TD: 2,880' (1,204') Day 3  
 Formation: Green River  
 MW 8.4 VIS 26 pH 10.5  
 Present Operation: Drilling  
 Drill, survey, clean, & work on air compressor.  
 DC: \$16,468 CC: \$62,513

9-27-93 TD: 3,906' (1,026') Day 4  
 Formation: Green River  
 MW 8.4 VIS 27 pH 10.5  
 Present Operation: Drilling  
 Drill, survey, clean on rig, unload 1 load 5-1/2" csg on pipe  
 racks.  
 DC: \$13,158 CC: \$75,671

9-28-93 TD: 5,060' (1,154') Day 5  
 Formation: Green River  
 MW 8.4 VIS 26 pH 10  
 Present Operation: Drilling  
 Drill, survey, & clean on rig.  
 DC: \$14,990 CC: \$90,661

9-29-93 TD: 5,720' (660') Day 6  
 Formation: Green River  
 MW 8.6 VIS 30 pH 10  
 Present Operation: Logging  
 Drill & survey. Drilled to 5721' @ 9:30 p.m. 9-28-93. Circ & cond  
 hole. TOH to log, strap out.  
 DC: \$10,868 CC: \$101,529

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #14-11

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

---TIGHT HOLE---

- 9-30-93 TD: 5,720' (0') Day 7  
Formation: Green River  
MW 8.6 VIS 30 pH 10  
Present Operation: Circ 5-1/2" csg.  
Finished logging #1 DIL-MSFL-GR, #2 - LDT-CNL-GR, #3 - RFT-GR.  
TIH, circ & cond to run 5-1/2" csg. LD string, run 5-1/2" csg.  
Ran 132 jts new 15.5#, K-55, R-3, 8RD LT&C csg - 5687.92 @ 5699.92  
KB. PBSD @ 5663.56' KB.  
132 jts 5687.92'  
Guide Shoe 1.00'  
Float Collar 1.00'  
Rig KB 10.00'  
5699.92' KB  
Shoe Jt - 36.36'  
PBSD 5663.56' KB  
Cmt'd w/136 sxs "G" + additives. Tailed w/206 sxs 50-50 POZ +  
additives. Displaced w/134.8 bbls fresh water.  
DC: \$53,875 CC: \$155,404
- 10-1-93 TD: 5,720' (0') Day 8  
Present Operation: Tear down.  
Circ & cmt 5-1/2" csg. Plug down @ 7:45 a.m. 9-30-93. Bump plug  
w/1500#. Release float held. Set slips, clean mud tank. Rig  
released 11:45 a.m. 9-30-93.  
DC: \$9,071 CC: \$164,475
- 10-1-93 RU Cutters Wireline to run Bond Log from PBSD to 3500'. SI WO  
Completion Rig.  
DC: \$4,109
- 10-4-93 Completion  
MIRU Cannon Well Service Rig #1. RU tanks & pump. Fill frac  
tanks.  
DC: \$13,927
- 10-5-93 Completion  
TIH w/4-3/4" bit, 5-1/2" csg scraper, & 185 jts 2-7/8" tbg. Tag  
PBSD @ 5858' KB, circ hole w/122 bbls 2% KCL wtr. TOOH w/tbg,  
scraper & bit. RU Cutter Wireline to perf 5553'-56' 2 SPF. RD  
Cutter Wireline. TIH w/5-1/2" packer, SN & 179 jts 2-7/8" tbg.  
Set packer @ 5493' KB, EOT 5531' KB. RU Western to do KCL  
breakdown, pressure test 5400 psi - OK. Initial break 3600 psi @  
2 BPM, back to 3000 psi @ 3 BPM. Start 2 balls/BW, 12 balls total.  
ISIP - 1600 psi. Pump for rate, 4 BPM @ 3200 psi, load used 49 BW.  
RD Western, flow back 35 BW w/trace of oil. TOOH w/tbg & packer.  
SWIFN. Load to recover 14 BW. See Treatment Report attached.

DC: \$7,976

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #14-11

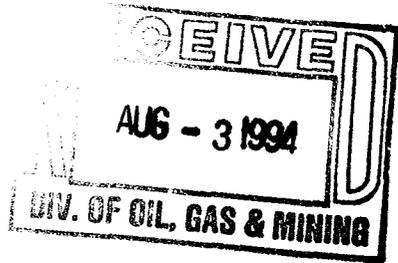
Location: SW SW Section 11, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

- 10-6-93 Completion  
CP - 15 psi. RU Western to frac 5553'-56' KB. Pressure test surface equipment to 4000 psi - OK. Refer to Treatment Report 1st Stage attached. Break @ 3000 psi .5 BPM, back to 2800 psi @ 5.0 BPM. Start pad, cross link quit, shut down. Start pumping, 3000 psi @ 0.2 BPM, shut down, call for 500 gals 15% HCL. Start acid, balance acid 500' above perforations. TOOH w/tbg, RU to break down w/acid & frac. Refer to Treatment Report. RU Cutter Wireline to set RBP @ 5210' KB & perforate 5175'-88' 2 SPF (26 holes). RD Cutters. TIH w/5-1/2" packer, SN & 2-7/8" tbg, set packer @ 5122'. SWIFN. Load to recover 486 BW.  
DC: \$23,686
- 10-7-93 Completion  
RU Western to do break down on 5175'-88'. Pressure test surface equipment to 5000 psi. Start break down refer to Treatment Report attached. TOOH w/tbg & packer. RU Western to frac refer to Treatment Report attached. Pressure test surface equipment to 4000 psi - OK. Start frac. RD Western. SWIFN. Load to recover - 993.  
DC: \$20,890
- 10-27-93 Started pumping @ 1:30 p.m. 86" stroke, 4 SPM.

APPLICATION FOR INJECTION WELL - UIC FORM 1



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

Well name and number: Balcron Monument Federal #14-11J

Field or Unit name: Monument Butte Field/Jonah Unit Lease no. U-096547

Well location: QQ SW SW section 11 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . . Yes  No

Will the proposed well be used for: Enhanced Recovery? . . . Yes  No   
Disposal? . . . . . Yes  No   
Storage? . . . . . Yes  No

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

If this application is for an existing well,  
has a casing test been performed on the well? . . . . . Yes  No   
Date of test: \_\_\_\_\_

API number: 43-013-31374

Proposed injection interval: from 5,175' to 5,556'

Proposed maximum injection: rate 600 BWPD pressure 2000 psig

Proposed injection zone contains  oil,  gas, and/or  fresh water within 1/4 mile of the well.

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

List of Attachments: UIC Permit Application

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

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

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

INJECTION PERMIT TRACKING RECORD

Company: Equitable Well: 14-11J

Location: Sec. 11 Twn: 9S Rng: 16E QtQt: SWSW

County: Dodman Field: M.B Unit: John

API No.: 43-013-31374

Date Received: 8/3/94

Cause Number: \_\_\_\_\_

Notice Date: \_\_\_\_\_

Conversion Approval: \_\_\_\_\_

Permit Issued: \_\_\_\_\_

Commencement: \_\_\_\_\_

Drilled: Y

Code: F

Hearing Date: \_\_\_\_\_

Wells In AOR: \_\_\_\_\_

BALCRON MONUMENT FEDERAL #14-11J  
 Jonah Unit / Monument Butte Field  
 Lease No. U-096547  
 SW SW Section 11, T9S, R16E  
 Duchesne County, Utah

BALCRON OIL  
 7-5-94/ks

153

Proposed Injection Well Completion Diagram

Elev. GL @ 5661'  
 Elev. KB @ 5671' (10' KB)

SURFACE CASING

8-5/8", 24#, K-55  
 Length @ 271.35'  
 Hole size @ 12-1/4".  
 Depth Landed @ 281' KB.  
 Cemented w/150 sxs "G" w/2% CCL  
 & 1/4#/sx Celloflake.  
 Cement to surface.

PRODUCTION CASING

5-1/2", 15.5#, K-55 (132 jts)  
 Landed @ 5699.92' KB.  
 Cemented w/136 sxs "G" w/4% Trifty-Lite,  
 3% Salt, 3#/sx CSI, 1/4#/sx Celloseal; &  
 tail w/206 sxs 50-50 POZ w/2% gel, 10% salt,  
 1/4#/sx Celloseal.  
 Cement top @ 4020' per CBL  
 Hole size @ 7-7/8"

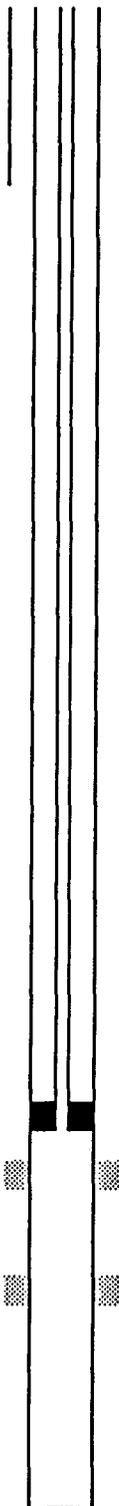
TUBING

2-7/8", 6.5#, J-55  
 SN @ 2 7/8" x 1.10'  
 SN Landed @ 5111' KB

Retrievable Csg Tension Packer  
 Model: Arrow Set-1  
 Landed @ 5115' KB

Proposed Injection Horizons

5175'-5188' (13')	(2 SPF)	GREEN 5
5553'-5556' (3')	(2 SPF)	BLUE 1



←-- 281' KB

-- Uintah Formation @ Surface to 1400' --

←-- Top of Cement @ 4020' from CBL  
 -- Green River Formation @ 1400' to 4100' --

PERFORATION RECORD

5175'-5188' (13')	(2 SPF)	GREEN 5
5553'-5556' (3')	(2 SPF)	BLUE 1

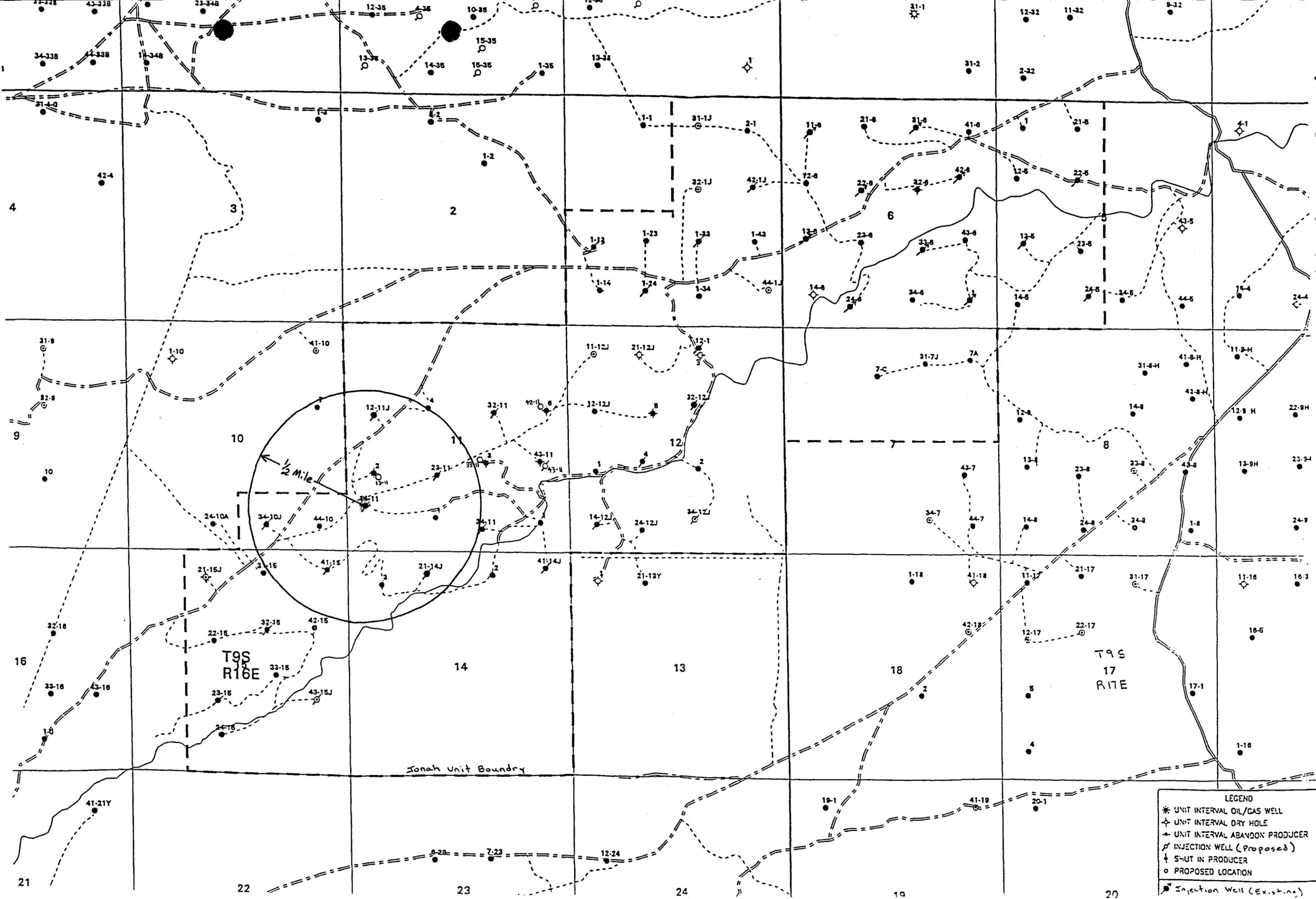
←-- Retrievable Csg Tension Packer @ 5115' KB

-- Douglas Creek Member @ 4100' to 5350' --

PBTD @ 5668'  
 TD @ 5720' KB

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

WELL NAME	FIELD	QTR/QTR	SEC.	TWP.	RANGE	COUNTY	ZONE	LEASE NO.	API NUMBER	FOOTAGES	UNIT
Balcron Monument Fed. #32-15	Monument Butte	SW NE	15	9S	16E	Duchesne	Green River	U-017985	43-013-31368	1868' FNL, 1993' FEL	Jonah
Balcron Monument Fed. #23-15	Monument Butte	NE SW	15	9S	16E	Duchesne	Green River	U-017985	43-013-31373	1724' FSL, 2078' FWL	Jonah
Balcron Monument Fed. #41-15	Monument Butte	NE NE	15	9S	16E	Duchesne	Green River	U-017985	43-013-31367	460' FNL, 500' FEL	Jonah
Balcron Monument Fed. #34-10J	Monument Butte	SW SE	10	9S	16E	Duchesne	Green River	U-017985	43-013-31416	592' FSL, 1979.2' FEL	Jonah
Balcron Monument Fed. #32-12J	Monument Butte	SW NE	12	9S	16E	Duchesne	Green River	U-035521	43-013-31419	1804.8' FNL, 2138.6' FEL	Jonah
C&O Gov't #4	Monument Butte	NE SW	12	9S	16E	Duchesne	Green River	U-035521-A	43-013-30742	2140' FSL, 1820' FWL	Jonah
Balcron Monument Fed. #14-12J	Monument Butte	SW SW	12	9S	16E	Duchesne	Green River	U-035521-A	43-013-31411	660' FSL, 660' FWL	Jonah
Balcron Monument Fed. #14-11	Monument Butte	SW SW	11	9S	16E	Duchesne	Green River	U-096547	43-013-31374	1048' FSL, 446' FWL	Jonah
Balcron Monument Fed. #21-14J	Monument Butte	NE NW	14	9S	16E	Duchesne	Green River	U-096547	43-013-31421	517.8' FNL, 1850.2' FWL	Jonah
Balcron Monument Fed. #12-11J	Monument Butte	SW NW	11	9S	16E	Duchesne	Green River	U-096550	43-013-31417	2128' FNL, 689' FWL	Jonah
Balcron Monument Fed. #43-11J	Monument Butte	NE SE	11	9S	16E	Duchesne	Green River	U-096550	43-013-31002	2126.9' FSL, 692.8' FEL	Jonah
Walton Federal #34-11	Monument Butte	SW SE	11	9S	16E	Duchesne	Green River	U-096550	43-013-31003	537' FSL, 2092' FEL	Jonah
Balcron Monument Fed. #23-11	Monument Butte	NE SW	11	9S	16E	Duchesne	Green River	U-096550	43-013-31369	1787' FSL, 2147' FWL	Jonah
Balcron Monument Fed. #32-11	Monument Butte	SW NE	11	9S	16E	Duchesne	Green River	U-096550	43-013-31386	2059' FNL, 1763' FEL	Jonah
Balcron Monument Fed. #41-14J	Monument Butte	NE NE	14	9S	16E	Duchesne	Green River	U-096550	43-013-31408	363.3' FNL, 600' FEL	Jonah
Balcron Monument Fed. #12-12J	Monument Butte	SW NW	12	9S	16E	Duchesne	Green River	U-096550	43-013-31410	738.6' FNL, 648.2' FWL	Jonah
Balcron Monument Fed. #44-1J	Monument Butte	SE SE	1	9S	16E	Duchesne	Green River	U-44426	43-013-31415	859' FSL, 338' FEL	Jonah



Equitable Resources Energy Company  
 Balcon Oil Division  
 Jonah Unit  
 Project Area

Figure-1e  
 1/2-Mile Radius Review Area - BMF #14-11J

3-17-94  
 JZ

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



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

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

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

September 1, 1994

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

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-152

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Lisa D. Clement".

Lisa D. Clement  
Administrative Secretary

Enclosure  
WOI168





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

Michael O. Leavitt  
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Salt Lake City, Utah 84180-1203  
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September 1, 1994

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

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Lisa D. Clement  
Administrative Secretary

Enclosure  
WOI168



**Equitable Resources Energy Company  
44-1J, 34-10J, 34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J,  
C & O Government #4, 21-14J, 41-14J, 23-15J, 32-15J, and 41-15J Wells  
Cause No. UIC-152**

Publication Notices were sent to the following:

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

Uintah Basin Standard  
268 South 200 East  
Roosevelt, Utah 84066

Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

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

Dan Jackson  
U.S. Environmental Protection Agency  
Region VIII  
999 18th Street  
Denver, Colorado 80202-2466

Ed Bonner  
State Lands and Forestry  
3 Triad Center, Suite 400  
Salt Lake City, Utah 84180-1204



---

Lisa D. Clement  
Administrative Secretary  
September 1, 1994

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

---ooOoo---

IN THE MATTER OF THE APPLICATION : NOTICE OF AGENCY ACTION  
OF EQUITABLE RESOURCES ENERGY :  
COMPANY FOR ADMINISTRATIVE : CAUSE NO. UIC-152  
APPROVAL TO CONVERT THE 44-1J, 34-10J, :  
34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, :  
14-12J, 32-12J, C & O GOVERNMENT #4, :  
21-14J, 41-14J, 23-15J, 32-15J, AND 41-15J WELLS, :  
LOCATED IN SECTIONS 1, 10, 11, 12, 14, & 15, :  
TOWNSHIP 9 SOUTH, RANGE 16 EAST, S.L.M., :  
DUCHESNE COUNTY, UTAH, TO CLASS II :  
INJECTION WELLS :

---ooOoo---

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

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company ("Equitable") for administrative approval to convert the 44-1J, 34-10J, 34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J, C & O Government #4, 21-14J, 41-14J, 23-15J, 32-15J, and 41-15J Wells, located in Sections 1, 10, 11, 12, 14 & 15, Township 9 South, Range 16 East, Duchesne County, Utah, to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Equitable proposes to inject water into the captioned wells in the Green River Formation interval at approximately 4590 - 5614 feet, for the purpose of secondary recovery operations. Equitable is requesting a maximum injection pressure of 2000 psig and estimates the injection volume to be approximately 600 barrels of water per day for each well.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 1st day of September, 1994.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

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

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AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE NO. UIC-152BEFOR FOR DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

**NOTICE OF AGENCY ACTION**  
CAUSE NO. UIC-152BEFOR  
BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL TO CONVERT THE 44-1J, 34-10J, 34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J, C & O GOVERNMENT #4, 21-14J, 41-14J, 23-15J, 32-15J, AND 41-15J WELLS, LOCATED IN SECTIONS 1, 10, 11, 12, 14, & 15, TOWNSHIP 9 SOUTH, RANGE 16 EAST, 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 44-1J, 34-10J, 34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J, C & O Government #4, 21-14J, 41-14J, 23-15J, 32-15J, and 41-15J Wells, located in Sections 1, 10, 11, 12, 14, & 15, Township 9 South, Range 16 East, Duchesne County, Utah, to Class II Injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Equitable proposes to inject water into the captioned wells in the Green River Formation interval of approximately 4590-5614 feet, for the purpose of secondary recovery operations. Equitable is requesting a maximum injection pressure of 2000 psig and estimates the injection volume to be approximately 500 barrels of water per day for each well.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 1st day of September, 1994.

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

SEP 12 1994

*[Handwritten Signature]*

ACCOUNT NAME	TELEPHONE	
& MINING	801-538-5340	
SCHEDULE	AD NUMBER	
	98710280	
CAPTION	MISC CHARGES	
NOTICE OF AGENCY ACTION CAUSE NO. UIC-152BEFOR	.00	
TIMES	RATE	AD CHARGE
1	1.64	160.72
TOTAL AMOUNT DUE		160.72

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

**PERMIT  
DECISION DOCUMENT**

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

**Wells:** Federal 34-10,12-11,14-11,23-11,32-11,34-11,43-11,  
C&O Govt. #4,12-12,14-12,32-12,21-14,41-14,23-15,32-15,  
41-15 and 44-1

**Ownership Issues:** The proposed wells are located in sections 1,10,11,12,14 and 15 township 9 south, range 16 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Balcron Oil has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

**Well Integrity:** The seventeen wells proposed for conversion to injection all have surface casing set at approximately 300 feet  $\pm$  30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 5800 feet, and were all cemented above the injection zone. Cement bond logs are on file with the Division and verify reported cement tops. The interval from 4590-5614 feet (Green River Formation) has been perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 27 producing wells, 17 injection wells and 5 plugged and abandoned wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

**Ground Water Protection:** The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field is .861 psi/ft resulting in a maximum allowed surface pressure of 2000 psi. Injection pressures for each of the injectors will be maintained below the fracture pressure so as not to initiate fractures in the overlying strata. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

**Oil/Gas & Other Mineral Resources Protection:** Balcron is the operator of the Jonah Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

**Bonding:** Balcron is the operator of all wells within the project and is bonded by the Federal Government.

**Actions Taken and Further Approvals Needed:** These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. A casing pressure test needs to be conducted when the well is converted and a casing\tubing pressure test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue both an approval to convert the wells and an injection permit. There are no special conditions or stipulations and the permit should be granted in accordance with the conditions set forth in the application.

DJJ  
Reviewers

09-30-94  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

See attached listing

5. Lease Designation and Serial No.

See attached listing

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

See attached listing

9. API Well No.

See attached listing

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

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

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

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

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

Operator intends to convert the wells on the attached listing to water injection in accordance with the attached injection well completion diagrams. Water will be injected at a rate of 5-6 STB/HPD per foot of pay (average 180-200 STB/HPD). The proposed conversion and water injection will commence as soon as Utah State UIC permits are approved.

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

Signed Bobbie Schuman

Title Regulatory and Environmental Specialist

Date 9-12-94

(This space for Federal or State office use)

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

Title \_\_\_\_\_ Date \_\_\_\_\_



EQUITABLE RESOURCES  
ENERGY COMPANY

**BALCRON OIL DIVISION**

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

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

September 12, 1994

SEP 13 1994

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

*BALCRON Monument Federal 14-11  
Sec 11 T9S R16E  
43-013-31374*

Gentlemen:

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

If you have any questions or need additional information, please let me know.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Regulatory and Environmental Specialist

/hs

Enclosures

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



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

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

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

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-152

**Operator:** Equitable Resources Energy Company

**Wells:** Monument Butte Federal 34-10, 12-11, 14-11, 23-11, 32-11, 34-11, 43-11, 12-12, 14-12, 32-12, 21-14, 41-14, 23-15, 32-15, 41-15, 44-1 and C&O Govt.#4

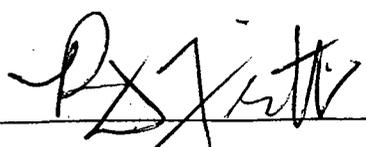
**Location:** Sections 1, 10, 11, 12, 14 and 15, Township 9 S, Range 16 E, Duchesne County

**Well Type:** Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Wells issued on October 4, 1994.
2. Maximum Allowable Injection Pressure: 2000 psig
3. Maximum Allowable Injection Rate: 600 bbls per day/well

Approved by: \_\_\_\_\_

  
R.J. Firth  
Associate Director, Oil and Gas

10/4/94  
Date



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

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

James W. Carter  
Division Director

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

October 4, 1994

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

Re: Monument Butte Federal 34-10, 12-11, 14-11, 23-11, 32-11, 34-11, 43-11, 12-12, 14-12, 32-12, 21-14, 41-14, 23-15, 32-15, 41-15, 44-1 and C&O Govt.#4 Wells Located in Sections 1, 10, 11, 12, 14 and 15, Township 9 South, Range 16 East, Duchesne County, Utah.

Gentlemen:

In accordance with Utah Admin. Code R.649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells.

The following stipulations shall apply for compliance with this approval:

1. Full compliance with all applicable requirements regarding operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R.649-1 et seq.
2. Conformance with all conditions and requirements of the enclosed Underground Injection Control Permit and the application submitted by Equitable Resources Energy Company.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.J. Firth  
Associate Director

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



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-096547

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 #14-11

9. API Well No.

43-013-31374

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)

SW SW Section 11, T9S, R16E  
1048' FSL, 446' FWL

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

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

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

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

This well has been converted to water injection in accordance with permit approval. Refer to the attached workover procedure, well report, and injection well completion diagram for details of the conversion.

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

Signed

*Bobbie Schuman*  
Bobbie Schuman

Title

Regulatory and Environmental Specialist

Date

January 13, 1995

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

Balcron Monument Federal #14-11J  
Jonah Unit / Monument Butte Field  
Lease No. U-096547  
SW SW Section 11, T9S, R16E  
Duchesne County, Utah

WELL HISTORY REPORT

Date	Work Description
	Conversion of well to water injection
9-16-94	- MIRU Basin Well Service, TOO H w/rods, pump, & tbg.
10-11-94	- MIRU Cannon Well Service, RIH w/bit & scrapper to TD. - RIH w/ 2 7/8" injection tbg & Arrow Set-1 packer. - Pump 55 gals Champion Cortron #23-83 corrosion inhibitor mixed w/ 60 STBW down csg. - Set packer @ 5115' KB, NU wellhead, pressure test csg annulus to 1000 psig. no loss, RDMO.
10-18-94	Perform MIT, pressure csg annulus to 1150 psig for 15 min., no loss, tbg @ zero psig, Utah OG&M witness Dan Jarvis.
8-18-94	RU Alnigther Hot Oil Service, mix 5 gals Wsetern Claymaster & 10 gals 940 surfactant w/ 130 STB 2% KCl water, pump down tbg @ 180 deg.F., 0.5 STBPM @ 1800 psig, start water injection @ 125 STBPD.

BALCRON MONUMENT FEDERAL #14-11J  
 SW SW Section 11, T9S, R16E  
 1048' FSL & 446' FWL  
 Lease No. U-096547  
 Jonah Unit/Monument Butte Field  
 Duchesne County, Utah

BALCRON OIL  
 7-5-94/ks

Injection Well Completion Diagram

Elev. GL @ 5661'  
 Elev. KB @ 5671' (10' KB)

UTAH CAUSE NO.: UIC-152

SURFACE CASING

8-5/8", 24#, K-55  
 Length @ 271.35'  
 Hole size @ 12-1/4".  
 Depth Landed @ 281' KB.  
 Cemented w/150 sxs "G" w/2% CCL  
 & 1/4#/sx Celloflake.  
 Cement to surface.

<-- 281' KB

- Uintah Formation @ Surface to 1400'

PRODUCTION CASING

5-1/2", 15.5#, K-55 (132 jts)  
 Landed @ 5699.92' KB.  
 Cemented w/136 sxs "G" w/4% Trifty-Lite,  
 3% Salt, 3#/sx CSI, 1/4#/sx Celloseal; &  
 tail w/206 sxs 50-50 POZ w/2% gel, 10% salt,  
 1/4#/sx Celloseal.  
 Cement top @ 4020' per CBL  
 Hole size @ 7-7/8"

<-- Top of Cement @ 4020' KB from CBL.

TUBING/INJECTION STRING

Injection Equipment & Size	Length FT.	Setting Depth FT. (w/10' KB)
KB	10.00	
1) 165 jnts 2 7/8" tbg	5096.85	5106.85
2) 2 7/8" SN (2.25" ID)	1.10	5107.95
3) 2 7/8" x 2 3/8" X-Over	0.60	5108.55
4) 5.5" Arrow Set-1 Pkr	6.20	5114.75
End of Tubing		5114.75

- Green River Formation @ 1400' to 4100'

PERFORATION RECORD

5175'- 5188' (13')	(2 SPF)	GREEN5
5553'- 5556' (3')	(2 SPF)	BLUE1

Injection Packers Set 10-11-94 By Mtn States.

2 7/8" SN ID @ 2.25".  
 Arrow Set-1 Pkr set w/ 16" Tension.  
 Packer fluid - 55 gals Champion Cortron #23-83  
 w/60 STBW.

55%

<-- Arrow Set-1 Packer @ 5115' KB

- Douglas Creek Member @ 4100' to 5350'

45%

Proposed Injection Horizons

5175'- 5188' (13')	GREEN5
5553'- 5556' (3')	BLUE1

Tracer Survey ran 12-19-94

PBTD @ 5668'

TD @ 5720' KB

- Wasatch Formation Transition @ 5350' to 6000'

- Wasatch Formation @ 6000'

## BALCRON OIL

## WELL REPORT

WELL NAME: Balcron Monument Federal #14-11J  
 FIELD: Jonah Unit/Monument Butte Field  
 FEDERAL LEASE NO.: U-096547  
 LOCATION: SW SW Section 11, T9S, R16E  
 1048' FSL & 446' FWL  
 COUNTY/STATE: Duchesne County, Utah  
 WORKING INTEREST: 0.805079506  
 PRODUCING FORMATION: Green River  
 COMPLETION DATE: 10-27-93  
 INITIAL PRODUCTION: 20 STBOPD, 600 MSCFPD, 8 STBWPD  
 LAST PRODUCTION: 3 STBOPD, 20 MCFPD, 0 STBWPD  
 PRESENT PROD STATUS: Water Injection Well  
 Started Water injection 11-3-94  
 CONVERSION TO INJ.: 10-11-94  
 INJECTION RATE: 125 STBWPD  
 ELEVATIONS - GROUND: 5661'  
 TOTAL DEPTH: 5720' KB

DATE: 1-11-94 JZ  
 API NO.: 43-013-31374  
 UTAH CAUSE NO.: UIC-152  
 NET REVENUE INT.: Oil - 0.73831617  
 Gas - 0.66359285  
 SPUD DATE: 9-20-93  
 OIL GRAVITY: 34 API  
 BHT: 135 Deg. F  
 LAST MIT DATE: 10-18-94  
 1150 psig for 15 min., no loss.  
 KB: 5671'(10' KB)  
 PLUG BACK TD: 5668' KB

## SURFACE CASING

STRING: #1  
 SIZE: 8-5/8"  
 GRADE: K-55  
 WEIGHT: 24 lbs  
 LENGTH: 6 jts @ 271.35'  
 HOLE SIZE: 12-1/4"  
 DEPTH LANDED: 281' KB  
 CEMENT DATA: 150 sxs "G" w/2% CCL & 1/4#/sx  
 Celloflake.

## PRODUCTION CASING

STRING: #1  
 SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5 lbs  
 LENGTH: 5689.92'  
 HOLE SIZE: 7-7/8"  
 DEPTH LANDED: 5699.92' KB  
 CEMENT DATA: 136 sxs "G" w/4% Thriftylite,  
 3% salt, 3% CSI, 1/4#/sx  
 Celloflake & tail w/ 206 sx  
 50-50 POZ w/2%gel, 10% salt  
 1/4#/sx Celloflake.  
 CEMENT TOP AT: 4020' from CBL

## TUBING/INJECTION STRING

Injection Equipment & Size	Length FT.	Setting Depth FT. (w/10' KB)
KB	10.00	
1) 165 jnts 2 7/8" tbg	5096.85	5106.85
2) 2 7/8" SN (2.25" ID)	1.10	5107.95
3) 2 7/8" x 2 3/8" X-Over	0.60	5108.55
4) 5.5" Arrow Set-1 Pkr End of Tubing	6.20	5114.75

Injection Packers Set 10-11-94 By Min States.

2 7/8" SN ID @ 2.25".  
 Arrow Set-1 Pkr set w/ 16" Tension.  
 Packer fluid - 55 gals Champion Cortron #23-83 w/60 STBW.

## Injection Horizons

5175'- 5188' (13')	GREEN5
5553'- 5556' (3')	BLUE1

## PERFORATION RECORD

5175'- 5188' KB (13')	(2 SPF)	GREEN 5
5553'- 5556' KB (3')	(2 SPF)	BLUE 1

## BREAKDOWN/ACID JOB

\*\* See Attached Sheet \*\*

## FRAC JOB

\*\* See Attached Sheet \*\*

LOGS: Litho-Density Compensated Neutron Gamma Ray;  
 Dual Laterology/MSFL Gamma Ray; Repeat Formation  
 Test Gamma Ray; Mud Log; Cement Bond/Gamma Ray  
 Log.

BALCRON MONUMENT FEDERAL #14-11J  
Jonah Unit / Monument Butte Field  
Lease No. U-096547  
SW SW Section 11, T9S, R16E  
Duchesne County, Utah

ACID INFORMATION

---

5553' - 5556' KB - 10-5-93: By Western w/49 bbls 2% KCL wtr. ATP 3200 psi, max 3800 psi.  
ATR 3.8 BPM, max 4.1 BPM. ISIP 1600 psi.

5175' - 5188' KB - 10-6-93: By Western w/77 bbls 2% KCL wtr. ATP 2550 psi, max 3600 psi.  
ATR 5 BPM, max 6.4 BPM. ISIP 1400 psi.

FRAC INFORMATION

---

5553' - 5556' KB - 10-6-93: By Western w/15,000# 16/30 mesh sand w/9,200 gals  
(Stage One) 2% KCL gelled wtr. ATP 3000 psi, max 3350 psi. ATR 18.7 BPM  
max 18.9 BPM. ISIP 1950 psi, 5 min 1660 psi, 10 min 1580 psi,  
15 min 1550 psi.

5175' - 5188' KB - 10-7-93: By Western w/16,300# 20/40 mesh sand & 16,200# 16/30  
mesh sand w/18,432 gals 2% KCL gelled wtr. ATP 2250 psi,  
max 2710 psi. ATR 20.4 BPM, max 20.6 BPM. ISIP 2000 psi,  
5 min, 10 min 1800 psi, 15 min 1750 psi.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-096547

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 WIW

8. Well Name and No.

Balcron Monument Federal #14-11

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.

43-013-31374

3. 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

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

SW SW Section 11, T9S, R16E  
1048' FSL, 446' 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 type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

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

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

This well has been converted to water injection in accordance with permit approval. Refer to the attached workover procedure, well report, and injection well completion diagram for details of the conversion.

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date January 13, 1995

(This space for Federal or State office use)

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

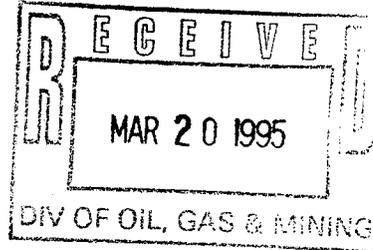


**EQUITABLE RESOURCES**  
ENERGY COMPANY

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

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



March 16, 1995

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

Dear Mr. Jarvis:

Attached are copies of the injection profile reports for our enhanced recovery wells in the Jonah Unit.

If you have any questions, please call John Zellitti at (406) 259-7860.

Sincerely,

Bobbie Schuman  
Regulatory and Environmental Specialist

/hs

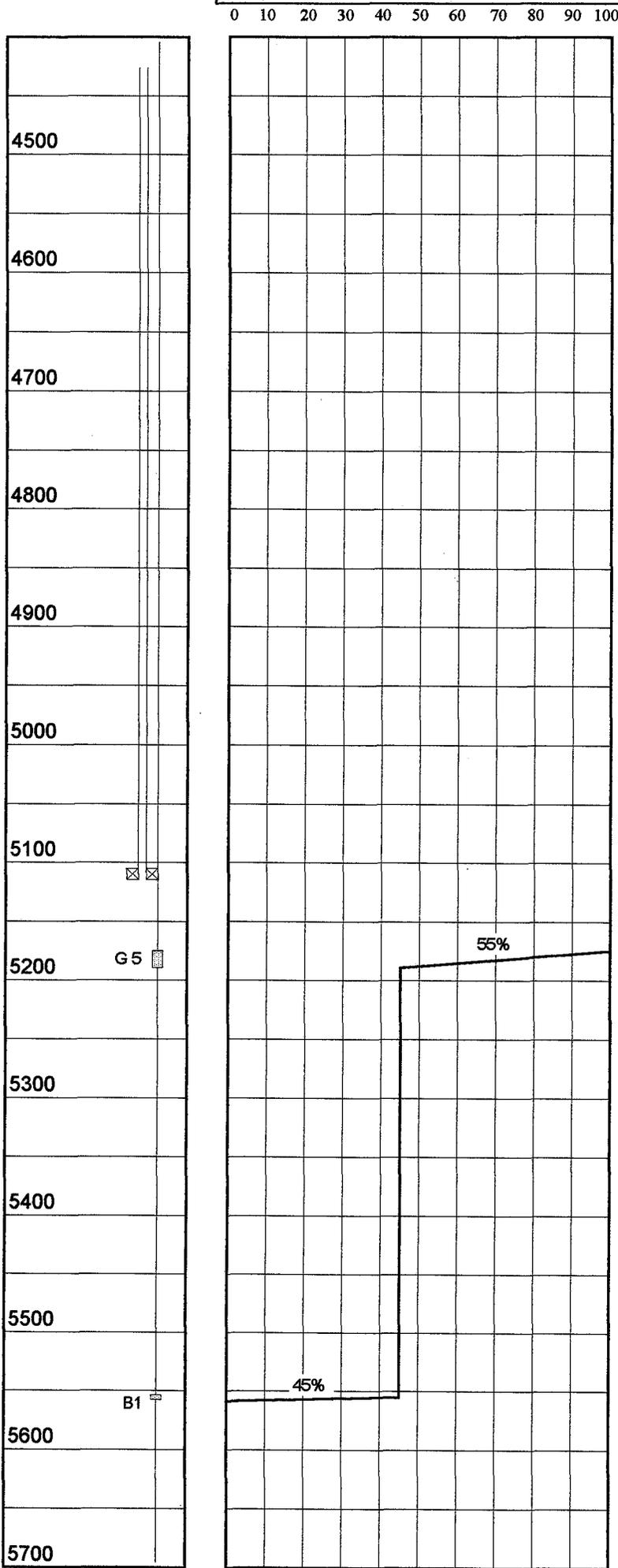
Attachments

EQUITABLE RESOURCES ENERGY COMPANY-BALCRON OIL DIVISION

INJECTION PROFILE

MONUMENT  
FEDERAL 14-11

Date: 12/19/94	Desired Rate: 125 B/D
Surface Temp: 46 F	Metered Rate: 140 B/D
BHT: 152 F	Measured Rate: 115 B/D
PBTD: 5668	Tbg Pressure: 1600 PSI
TD: 5658	Csg Pressure: 0 PSI



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

STATE OF UTAH  
 Division of Oil, Gas and Mining  
 355 West North Temple  
 3 Triad Center, Suite 350  
 Salt Lake City, Utah 84180-1203

**INJECTION WELL - PRESSURE TEST**

Test Date: <u>10/18/94</u>	Well Owner/Operator: <u>BALCORN</u>	
Disposal Well: _____	Enhanced Recovery Well: <u>X</u>	Other: _____
API No.: <u>43-013-31374</u>	Well Name/Number: <u>14-11 J.</u>	
Section: <u>14</u>	Township: <u>9S</u>	Range: <u>16E</u>

**Initial Conditions:**

Tubing - Rate: 0 SI Pressure: 0 psi  
 Casing/Tubing Annulus - Pressure: 1150 psi

**Conditions During Test:**

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	<u>1150</u>	<u>0</u>
5	<u>1150</u>	<u>0</u>
10	<u>1150</u>	<u>0</u>
15	<u>1150</u>	<u>0</u>
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass Fail

**Conditions After Test:**

Tubing Pressure: 0 psi  
 Casing/Tubing Annulus Pressure: \_\_\_\_\_ psi

**REMARKS:**

Passed MIT - well is ready for injection  
 \_\_\_\_\_  
 \_\_\_\_\_

Operator Representative \_\_\_\_\_

[Signature]  
 DOGM Witness



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

5. Lease Designation and Serial No.  
**U-096547**

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 #14-11J**

9. API Well No.  
**43-013-31374**

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

11. County or Parish, State  
**Duchesne County, Utah**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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 Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**EQUITABLE RESOURCES ENERGY COMPANY, 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)  
**SURFACE: SW SW Section 11, T9S, R16E  
 TD: 1048' FSL & 448' FWL**

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

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

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

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

Attached are the Geological Markers and their Measured Depths to be amended on the original completion report submitted on 11-30-93.

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 12-8-94

(This space for Federal or State office use)

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

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

\*See instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division

Balcron Monument Federal #14-11J  
SW SW Section 11, T9S, R16E  
Duchesne County Utah

Amendment to Completion Report  
Submitted on 11-30-93

GEOLOGICAL MARKERS

<u>NAME</u>	<u>MEASURED DEPTH</u>
Green River	1592'
Horse Bench Sandstone	2210'
Second Garden Gulch	3873'
"Y" Marker	4508'
Douglas Creek Marker	4666'
Second Douglas Creek	4902'
Green Marker	5046'
Carbonate Marker	5522'
Green-5 Zone	5175'
Blue-1	5551'
Green-1 Zone Sandstone	4961'

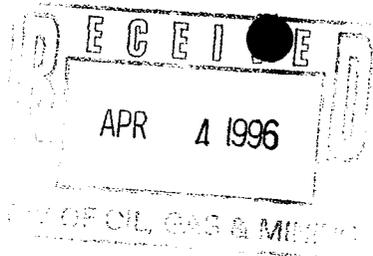
/mc



**EQUITABLE RESOURCES  
ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102



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

April 1, 1996

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

Dear Dan:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a listing of permits which we have with your Agency. This change will apply to those. If you note that I have missed some or if you have any questions, please do not hesitate to give me a call at (406) 259-7860, extension 240 to discuss this.

This change affects only our company name. The physical locations of our offices and the personnel remain the same.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures

UTAH UIC PERMITS

Balcron Monument Fed. #23-11	State #UIC-152
Balcron Monument Fed. #14-11	State #UIC-152
Balcron Monument Fed. #12-11	State #UIC-152
Walton Federal #34-11	State #UIC-152
Balcron Monument Fed. #34-10J	State #UIC-152
Balcron Monument Fed. #44-1J	State #UIC-152
<b>Coyote Basin Area Waterflood</b>	
<b>Area Permit No. UT2653-00000 (Approved 2/18/94)</b>	
Coyote Basin Fed. #42-6X	UT2653-03751 (AREA PERMIT UT2653-00000)
East Red Wash Federal #2-5	UT2653-03752 (AREA PERMIT UT2653-00000)
East Red Wash Federal #4-6	UT2653-04224 (AREA PERMIT UT2653-00000)
Amerada Guinand Federal #1	UT2653-04225 (AREA PERMIT UT2653-00000)
<b>Section 2 Waterflood</b>	
<b>Area Permit No. UT2776-00000 (Approved 11/95)</b>	
Balcron Monument State #14-4	UT2776-04275 (State UIC-163)
Balcron Monument State #22-2	UT2776-04276 (State UIC-163)
<b>Pariette Field SWD</b>	
Pariette Bench #4 SWD (UT)	UT2676-02569



**EQUITABLE RESOURCES  
ENERGY COMPANY**

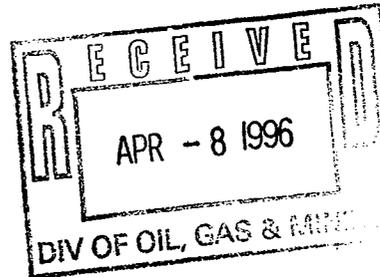
**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

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

March 22, 1996

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



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

*Bobbie Schuman*  
Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures

UTAH - ALL

Balcron Coyote Fed. #42-6X	Coyote Basin	SE NE	6	8S	25E	Uintah	UT	OSI	Green River	U-017439-B	43-047-32346	1987' FNL, 682' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #44-6	Coyote Basin	SE SE	6	8S	25E	Uintah	UT	PND	Green River	U-017439B	43-047-32421	560' FSL, 760' FEL	Vernal	Coyote Basin
Balcron Federal #12-20Y	8 Mile Flat N.	SW NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32617	1980' FNL, 660' FWL	Vernal	
Balcron Federal #12-22Y	8 Mile Flat N.	SW NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-66191	43-013-31476	2105' FNL, 660' FWL	Vernal/Priv.sfc.	
Balcron Federal #21-13Y	Monument Butte	NE NW	13	9S	16E	Duchesne	UT	Oil	Green River	U-64805	43-013-31400	703' FNL, 1831' FWL	Vernal	
Balcron Federal #21-25Y	Monument Butte	NE NW	25	9S	16E	Duchesne	UT	Oil	Green River	U-64380	43-013-31994	500' FNL, 1980' FWL	Vernal	
Balcron Federal #21-9Y	Monument Butte	NE NW	9	9S	16E	Duchesne	UT	Oil	Green River	U-65207	43-013-31396	476' FNL, 2051' FWL	Vernal	
Balcron Federal #22-10Y	Monument Butte	SE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31395	1980' FNL, 1980' FWL	Vernal	
Balcron Federal #24-3Y	Monument Butte	SE SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31397	562' FSL, 1887' FWL	Vernal	
Balcron Federal #31-14Y	Undesignated	NW NE	14	9S	19E	Uintah	UT	PND	WASATCH	U-66193		500' FNL, 2740' FWL	Vernal/Priv.sfc.	
Balcron Federal #31-19Y	8 Mile Flat N.	NW NE	19	9S	18E	Duchesne	UT	Oil	Green River	U-65635	43-047-32614	660' FNL, 1880' FEL	Vernal	
Balcron Federal #31-5Y	8 Mile Flat N.	NW NE	5	9S	18E	Uintah	UT	Oil	Green River	U-65970	43-047-32503	660' FNL, 1980' FEL	Vernal	
Balcron Federal #32-19Y	8 Mile Flat N.	SW NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32615	1980' FNL, 1980' FEL	Vernal	
Balcron Federal #41-19Y	Monument Butte	NE NE	19	9S	17E	Duchesne	UT	Oil	Green River	U-65967	43-047-32504	660' FSL, 660' FEL	Vernal	
Balcron Federal #41-21Y	Monument Butte	NE NE	21	9S	16E	Duchesne	UT	Oil	Green River	U-64379	43-013-31392	970' FNL, 894' FEL	Vernal	
Balcron Federal #42-19Y	8 Mile Flat N.	SE NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32616	2100' FNL, 500' FEL	Vernal	
Balcron Federal #44-14Y	Monument Butte	SE SE	14	9S	17E	Uintah	UT	Oil	Green River	U-64806	43-047-32438	1008' FSL, 832' FEL	Vernal	
Balcron Federal #44-4Y	8 Mile Flat N.	SE SE	4	9S	17E	Duchesne	UT	Oil	Green River	U-65635	43-013-31452	660' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #11-10-9-17Y		NW NW	10	9S	17E	Duchesne	UT	PND	Green River				Vernal	
Balcron Monument Fed. #11-20-9-18Y	Monument Butte	NW NW	20	9S	18E	Uintah	UT	OIL	Green River	U-64917	43-047-32712	500' FNL, 500' FWL	Vernal	
Balcron Monument Fed. #11-22-8-17Y	Monument Butte	NW NW	22	8S	17E	Duchesne	UT	OIL	Green River	U-66191	43-013-31539	635' FNL, 658' FWL	Vernal	
Balcron Monument Fed. #11-25	Monument Butte	NW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32455	739' FNL, 648' FWL	Vernal	
Balcron Monument Fed. #11-6	Monument Butte	NW NW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31362	804' FNL, 696' FWL	Vernal	Jonah
Balcron Monument Fed. #11-7J	Monument Butte	NW NW	7	9S	17E	Duchesne	UT	COMPL-WIW	Green River	U-44426	43-013-31492	681' FNL, 447' FWL	Vernal	Jonah
Balcron Monument Fed. #12-10-9-17Y	Monument Butte	SW NW	10	9S	17E	Duchesne	UT	COMPL	Green River	U-65210	43-013-31536	1994' FNL, 618' FWL	Vernal	
Balcron Monument Fed. #12-11J	Monument Butte	SW NW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31417	2128' FNL, 689' FWL	Vernal	Jonah
Balcron Monument Fed. #12-12J	Monument Butte	SW NW	12	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31410	739' FNL, 648' FWL	Vernal	Jonah
Balcron Monument Fed. #12-14J	Monument Butte	SW NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31488	2004' FNL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #12-25	Undesignated	SW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32526	1486' FNL, 875.7' FWL	Vernal	
Balcron Monument Fed. #12-7J	Monument Butte	SW NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-31493	1965' FNL, 620' FWL	Vernal	Jonah
Balcron Monument Fed. #13-11J	Monument Butte	NW SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15790	1819' FSL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #13-5	Monument Butte	NW SW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31370	1980' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
Balcron Monument Fed. #14-11	Monument Butte	SW SW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096547	43-013-31374	1048' FSL, 446' FWL	Vernal	Jonah

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>	8. Well Name and Number: <u>See attached listing</u>
CO, Sec., T., R., M.: _____	9. API Well Number: <u>See attached listing</u>
	10. Field and Pool, or Wildcat: <u>See attached listing</u>
	County: <u>See attached list</u>
	State: <u>UTAH</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)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon * <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Operator name change</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: March 27, 1996

Bobbie Schuman

(This space for State use only)

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	11-7g	9S	17E	7	INJW	N

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	LEP 7-SJ
2	DESS8-FILE
3	VLD (GIL) ✓
4	RJE ✓
5	IB ✓
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>
	<u>phone (406) 259-7860</u>	<u>BILLINGS MT 59102-4126</u>
	<u>account no. N9890</u>	<u>phone (406) 259-7860</u>
		<u>account no. N9890</u>

Well(s) (attach additional page if needed):

Name: <b>**SEE ATTACHED**</b>	API: <u>013-31374</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**

- Y 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) Securo Ins. Co. (Bond Rider In Progress)

- Y 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no)    . Today's date     19   . If yes, division response was made by letter dated     19   .

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated     19   , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.  
*Sent to Ed Boucher - 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**

9/6/96 BLM/BIA "Formal approval not necessary".

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

OO, Sec., T., R., M.:

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

RECEIVED  
OCT 13 1997

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 16 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

(This space for State use only)

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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

RECEIVED  
OCT 26 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	SENW 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	SENW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31384-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE #24-5	SESW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31375-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE FED. #24-6	SESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31363-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE #31-7	NWNE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31405-00	UTU72106	UTU72086A
✓ MONUMENT BUTTE FED. #33-6	NWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31361-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #42-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31364-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #12-11	SWNW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31417-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #14-11	SWSW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31374-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE #12-12	SWNW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31410-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #14-12	SWSW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31411-00		UTU72086A
✓ MONUMENT BUTTE #21-14	NENW 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31421-00		UTU72086A
✓ MONUMENT BUTTE #23-11	NESW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31369-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #23-15	NESW 159S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31373-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE #32-11	SWNE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31386-00		UTU72086A
✓ MONUMENT BUTTE #32-12	SWNE 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31419-00		UTU72086A
✓ MONUMENT BUTTE #41-14	NENE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31408-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #43-11	NESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31002-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #32-15	SWNE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31368-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #34-10	SWSE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31416-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #41-15	NENE 159S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31367-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #42-1	SENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31404-00	UTU40652	UTU72086A
✓ MONUMENT BUTTE FED. #44-1J	SESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31415-00	UTU44426	UTU72086A
✓ C&O GOVT #4	NESW 129S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30742-00	UTU035521A	UTU72086A
✓ MONUMENT BUTTE FED. #1-13	NWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30702-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE FED. #1-33	NWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30735-00	UTU52013	UTU72086A
✓ MONUMENT BUTTE #1-24	SESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30701-00	UTU18399	UTU72086A
✓ WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
MONUMENT STATE #11-2-9-17CD	NW NW 2 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-42685	ML 45555	

11422

11426

11438  
11431

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

OPERATOR *****	API NO. *****	WELL *****	TNS ***	RGE ***	SE **	WELLTYPE *****	INDIAN COUNT *****
COASTAL OIL	43-013-30337	G. HANSON #2	02S	03W	4	INJD	Y
COASTAL OIL	43-013-30038	2-23B4 LAKE	02S	04W	23	INJD	Y
COASTAL OIL	43-013-30371	L RUSSELL 2-	02S	04W	32	INJD	Y
COASTAL OIL	43-013-30391	EHRICH 2-11B	02S	05W	11	INJD	Y
COASTAL OIL	43-013-30340	LDS CHURCH #	02S	05W	27	INJD	Y
COASTAL OIL	43-047-31996	NBU 159	09S	21E	35	INJD	Y
COCHRANE RES	43-037-30815	3-23	38S	25E	23	INJW	N
COCHRANE RES	43-037-30690	1-25	38S	25E	25	INJW	N
COCHRANE RES	43-037-31145	4-25	38S	25E	25	INJW	N
COCHRANE RES	43-037-31761	WDW 1	38S	25E	25	INJD	N
COCHRANE RES	43-037-30762	3-26	38S	25E	26	INJW	N
CROSS CREEK	43-037-16269	SOUTH ISMAY	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20117	NAVAJO A #1	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20164	NAVAJO A #3	41S	26E	5	INJI	Y
ENSERCH EXPL	43-013-31229	FEDERAL 14-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31240	FEDERAL 43-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31269	FEDERAL 34-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31225	FEDERAL 14-3	08S	16E	34	INJW	N
ENSERCH EXPL	43-013-31272	FEDERAL 21-4	09S	16E	4	INJW	N
ENSERCH EXPL	43-013-31205	FEDERAL 41-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-013-30670	FEDERAL 32-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-013-30913	44-5H	09S	17E	5	INJW	N
ENSERCH EXPL	43-013-30678	42-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31457	22-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-30679	31-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31049	22-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30887	11-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-31108	33-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30682	24-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30656	13-9H	09S	17E	9	INJW	N
EQUITABLE RE	✓43-013-31364	FEDERAL 42-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-31361	FEDERAL 33-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-15779	FEDERAL 1-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-31362	FEDERAL 11-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-30919	FEDERAL 22-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-31363	FEDERAL 24-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-30918	FEDERAL 13-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-047-15681	PARIETTE BEN	09S	19E	7	INJD	Y
EQUITABLE RE	✓43-013-30735	FEDERAL 1-33	09S	16E	1	INJW	N
EQUITABLE RE	✓43-013-30702	FEDERAL 1-13	09S	16E	1	INJW	N
EQUITABLE RE	✓43-013-30701	1-24	09S	16E	1	INJW	N
EQUITABLE RE	✓43-013-31404	42-1J	09S	16E	1	INJW	Y
EQUITABLE RE	✓43-013-31415	44-1J	09S	16E	1	INJW	Y
EQUITABLE RE	✓43-013-31416	34-10J	09S	16E	10	INJW	N
EQUITABLE RE	✓43-013-31002	43-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31369	23-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31417	12-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31386	32-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31374	14-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31003	FEDERAL 34-1	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31419	32-12J	09S	16E	12	INJW	N
EQUITABLE RE	✓43-013-31411	14-12J	09S	16E	12	INJW	N
EQUITABLE RE	✓43-013-30742	GOVT C&O #4	09S	16E	12	INJW	N



**EQUITABLE RESOURCES  
ENERGY COMPANY**

**WESTERN REGION**

**(406) 259-7860 Telephone**

**(406) 245-1361 Fax**

December 10, 1997

Lisha  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

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

Sincerely,

Molly Conrad  
Agent for Equitable Resources  
Energy Company

/mc



Crazy Mountain Oil & Gas Services  
P.O. Box 577  
Laurel, MT 59044  
(406) 628-4164  
(406) 628-4165

TO: Lisha  
St of Utah.

FROM: Molly Conrad  
Crazy Mountain Oil & Gas Services  
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

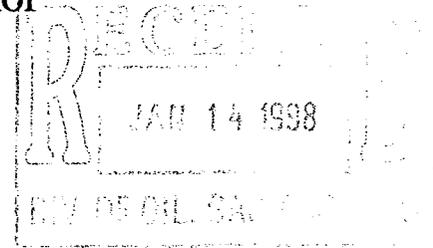
NOTE: Here is the letter you requested.  
Call if you need anything  
further.



# 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 ENER
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENER
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENER
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENER
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENER
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENER
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENER
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENER
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENER
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENER
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENER
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENER
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENER
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENER
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENER
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENER
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENER
<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 ENER</del>
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENER
<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 ENER</del>
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430131579600S2	22-12J	SESW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133063400S1	22-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENER
UTU72086A	430133138400S1	22-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133091900S1	22-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENER
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENER
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133055800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENER
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENER
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENER
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENER
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENER
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENER

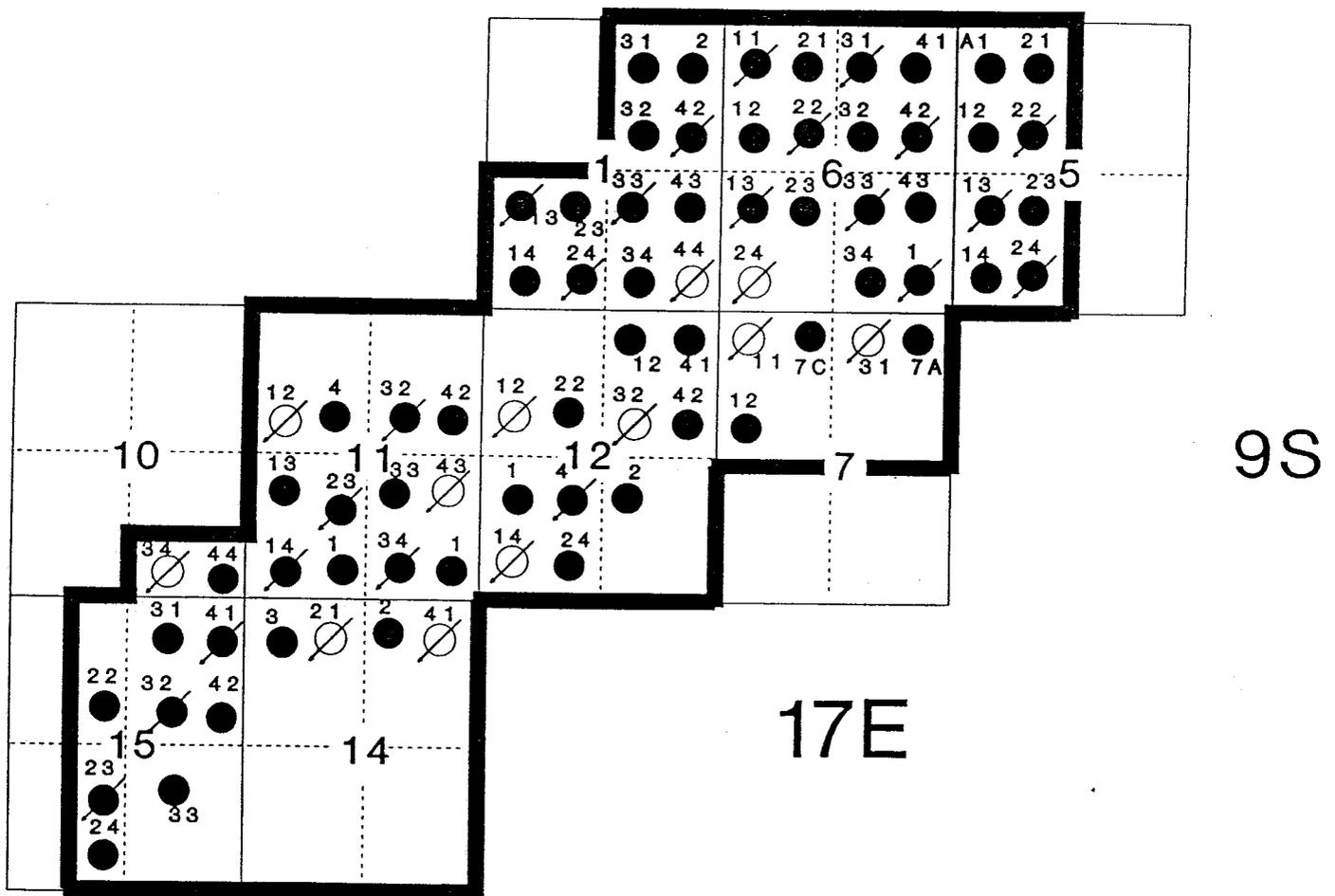
WELL STATUS REPORTS  
UTAH STATE OFFICE

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	SEW	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

# JONAH (GREEN RIVER) UNIT

## DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY  
ALLOCATION  
FEDERAL 100.00%

**OPERATOR CHANGE WORKSHEET**

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

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)       Designation of Agent  
 Designation of Operator       Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

<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>43-013-31374</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: _____
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/Qual Pro 1-14-98 & UIC/DBase 1-14-98.*
- lec 6. **Cardex** file has been updated for each well listed above.
- lec 7. Well **file labels** have been updated for each well listed above.
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-14-98)*
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference **during routing and processing of the original documents.**

**ENTITY REVIEW**

- J/c 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.  
*Entity 11492 "Jonah (OP) Unit"*
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A/J/c 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operator's bond files.
3. The FORMER operator has requested a release of liability from their bond (yes/no)    , as of today's date    . If yes, division response was made to this request by letter dated    .

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A/J/c 1. Copies of documents have been sent on     to     at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- 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.

INJECTION WELL - PRESSURE TEST

Well Name: MON FED #14-11J API Number: 43-013-31374  
 Qtr/Qtr: SW/SW Section: 11 Township: 9S Range: 16E  
 Company Name: INLAND PRODUCTION COMPANY  
 Lease: State A Fee \_\_\_\_\_ Federal U-096547 Indian \_\_\_\_\_  
 Inspector: Dennis J. Ingram Date: 06-07-00

Initial Conditions:

Tubing - Rate: \_\_\_\_\_ Pressure: 2050 psi  
 Casing/Tubing Annulus - Pressure: 1050 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1050 PSI</u>	<u>2050 PSI</u>
5	<u>1050 "</u>	<u>2050 "</u>
10	<u>1050 "</u>	<u>2050 "</u>
15	<u>1050 "</u>	<u>2050 "</u>
20	<u>1050 "</u>	<u>2050 "</u>
25	<u>1050 "</u>	<u>2050 "</u>
30	<u>1050 "</u>	<u>2050 "</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 2050 psi

Casing/Tubing Annulus Pressure: 0 psi

COMMENTS: Tested for 5 year rule. Injecting @ 34.30 BPD

Tested @ 11:00 AM to 12:00

Dennis J. Ingram  
Operator Representative

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

1. <b>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.)		5. LEASE DESIGNATION AND SERIAL NO. <b>U-096547</b>	
2. NAME OF OPERATOR <b>INLAND PRODUCTION COMPANY</b>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  <b>N/A</b>	
3. ADDRESS OF OPERATOR <b>Route 3, Box 3630, Myton Utah 84052</b> <b>(435-646-3721)</b> 6+		7. UNIT AGREEMENT NAME  <b>JONAH</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SW/SW 1048 FSL 0446 FWL</b>		8. FARM OR LEASE NAME <b>MONUMENT FEDERAL 14-11J</b>	
14 API NUMBER <b>43-013-31374</b>		9. WELL NO. <b>MONUMENT FEDERAL 14-11J</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5661 GR</b>		10. FIELD AND POOL, OR WILDCAT <b>MONUMENT BUTTE</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SW/SW Section 11, T09S R16E</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) <u>Perform 5 year MIT</u>	<input type="checkbox"/>
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The MIT was conducted on the subject well to satisfy the five year MIT. On 6-7-00 the casing was pressured up to 1050 psi and charted for thirty minutes with no leak off. Mr. Dennis Ingram with the DOGM was in attendance and approved the test.

18 I hereby certify that the foregoing is true and correct  
SIGNED Rod Bird TITLE Production Foreman DATE 6/7/00  
Rod Bird

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\* See Instructions On Reverse Side

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

**RECEIVED**  
**JUN 09 2000**  
**DIVISION OF  
OIL, GAS AND MINING**

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

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

Witness: Pennis Ingram Date 6/7/00 Time 11:30 am pm

Test Conducted by: Roddie Bird

Others Present: \_\_\_\_\_

Well: <u>MONUMENT Fed 14-11J-9-16</u>	Field: <u>monument Butte</u>
Well Location: <u>SW/SW SEC 11, T9S, R16E</u>	API No: <u>43-013-31374</u>

Time	Casing Pressure	
0 min	<u>1050</u>	psig
5	<u>1050</u>	psig
10	<u>1050</u>	psig
15	<u>1050</u>	psig
20	<u>1050</u>	psig
25	<u>1050</u>	psig
30 min	<u>1050</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 2050 psig

Result: Pass Fail

Signature of Witness: Pennis Ingram

Signature of Person Conducting Test: Roddie Bird

**RECEIVED**

JUN 09 2000

DIVISION OF  
OIL, GAS AND MINING





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare



## Office of the Secretary of State

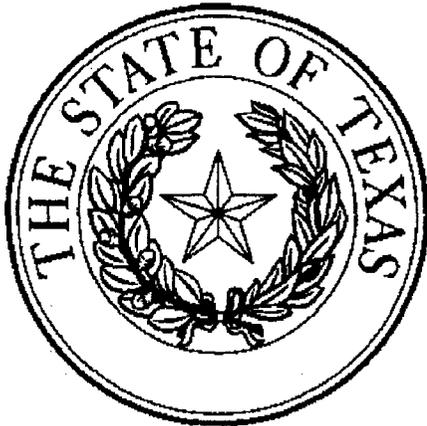
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 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		

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: <u>Inland Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: <u>(303) 893-0102</u>	Date: <u>9/15/2004</u>
Comments:	

NEW OPERATOR

Company: <u>Newfield Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: _____	Date: <u>9/15/2004</u>
Comments:	

(This space for State use only)

Transfer approved by: *A. Hunt* Approval Date: 9-20-04  
 Title: Field Services Manager

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED  
SEP 20 2004  
DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
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**

<b>FROM:</b> (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO:</b> ( 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

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

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU096547

**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 14-11J

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301331374

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: 1048 FSL 0446 FWL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/SW, 11, T9S, R16E

STATE: Utah

11. 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"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/06/2005	<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 6-6-05 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 6-6-05. On 6-6-05 the csg was pressured up to 1460 psig and charted for 30 minutes with 0 psi pressure loss. The well was injecting during the test. The tbg pressure was 1980 psig during the test. There was not a State representative available to witness the test. API# 43-013-31374.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 06-14-05

By: *[Signature]*

COPY SENT TO OPERATOR  
Date: 6-15-05  
Initials: *[Signature]*

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE *[Signature]*

DATE 06/09/2005

(This space for State use only)

RECEIVED

JUN 10 2005

DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

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

Witness: \_\_\_\_\_ Date 6/6/05 Time 2:15 am

Test Conducted by: J.D. Horrocks

Others Present: \_\_\_\_\_

Well: <u>Monument Federal 14-11J-9-16</u>	Field: <u>Jonah unit</u>
Well Location: <u>SW/SW sec-11-T9S-R16E</u>	API No: _____

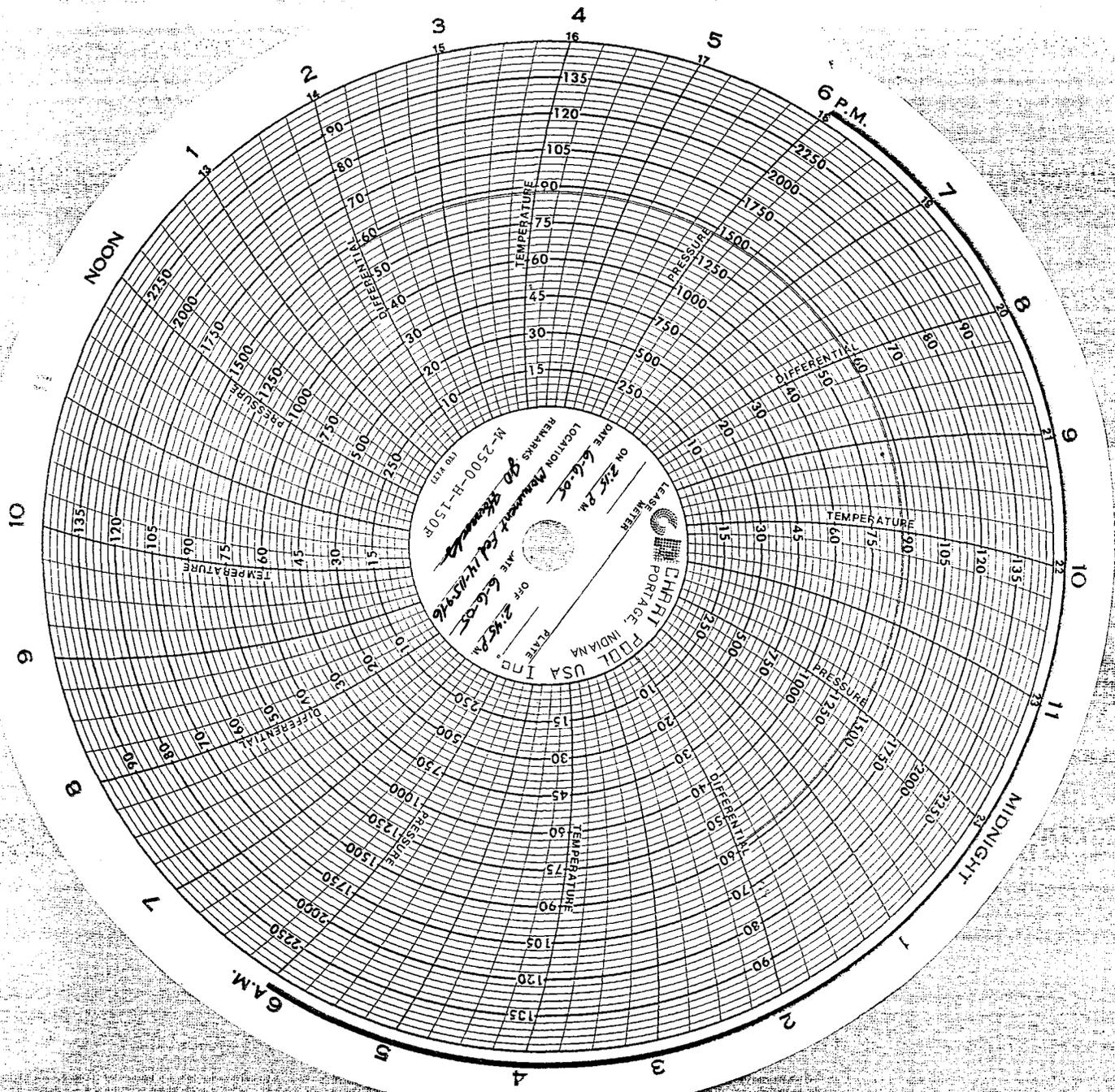
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1460</u>	psig
5	<u>1460</u>	psig
10	<u>1460</u>	psig
15	<u>1460</u>	psig
20	<u>1460</u>	psig
25	<u>1460</u>	psig
30 min	<u>1460</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1980 psig

Result:  Pass  Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: J.D. Horrocks



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

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>WI</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096547
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: JONAH UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1048 FSL 446 FWL		8. WELL NAME and NUMBER: MON 14-11J-9-16
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSW, 11, T9S, R16E		9. API NUMBER: 4301331374
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: <u>08/23/2006</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well was re-completed in the Green River Formation. Four new intervals were perforated. The CP2 sds 5615'-5626' with 4 JSPF 44 shots, B2 sds 4974'-4981' with 4 JSPF 28 shots, the B.5 sds 4934'-4938' with 4 JSPF 16 shots, and the GB6 sds 4214'-4226' with 4 JSPF 48 shots. For a total of 136 shots.

On 8/29/06 Dennis Ingram with the State of Utah (DOGM) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 8/31/06. On 8/31/06 the csg was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1165 psig during the test. There was not a State representative available to witness the test. API# 43-013-31374

Accepted by the  
Utah Division of  
Oil, Gas and Mining

09-14-06  
*Bradley*

COPY SENT TO OPERATOR  
Date: 10-4-06  
Initials: CTP

NAME (PLEASE PRINT) <u>Callie Duncan</u>	TITLE <u>Production Clerk</u>
SIGNATURE <u>Callie Duncan</u>	DATE <u>09/14/2006</u>

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

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

Witness: \_\_\_\_\_ Date 8/31/06 Time 2:30 am/pm

Test Conducted by: Chris Wilkerson

Others Present: \_\_\_\_\_

Well: <u>Monument Federal 14-115-9-16</u>	Field: <u>Monument Butte - Fourth Unit</u>
Well Location: <u>SW/SW Sec 11 T9S-R10E Duchesne County, UTAH</u>	API No: <u>UTU - 72086A</u>

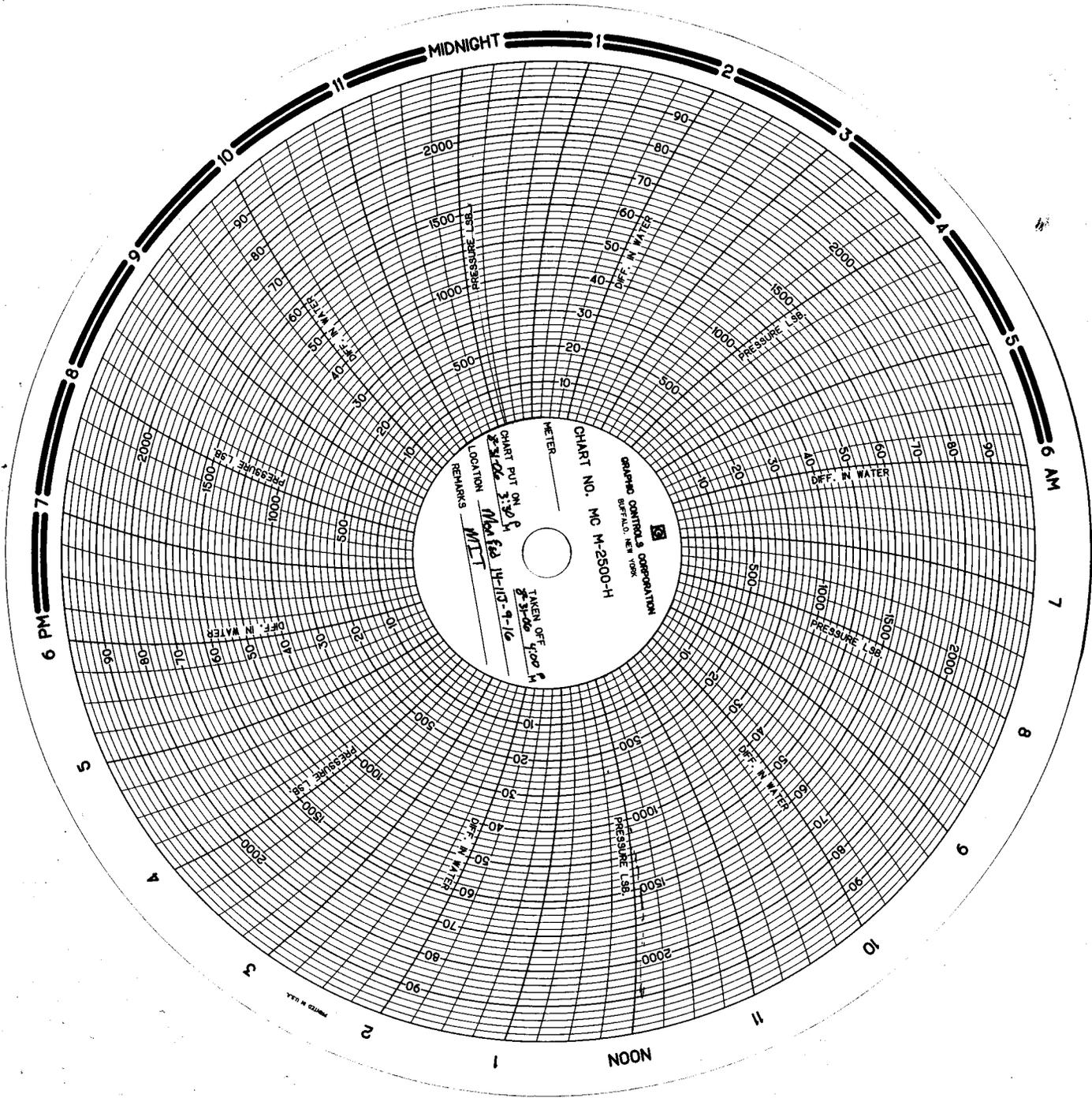
Time	Casing Pressure	
0 min	<u>1550</u>	psig
5	<u>1550</u>	psig
10	<u>1550</u>	psig
15	<u>1560</u>	psig
20	<u>1550</u>	psig
25	<u>1550</u>	psig
30 min	<u>1550</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1165 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Chris Wilkerson



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-096547
<b>SUNDRY NOTICES AND REPORTS ON WELLS</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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <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 14-11J
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013313740000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1048 FSL 0446 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 11 Township: 09.0S Range: 16.0E Meridian: S	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE  <b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/19/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 50px;" type="text" value="5 YR MIT"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 07/14/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 07/19/2011 the casing was pressured up to 1340 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1960 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

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

**Date:** 08/01/2011

**By:**

<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> 7/21/2011	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Dennis Ingram Date 7/19/11 Time 1:30 am  pm  
Test Conducted by: Wade Davis  
Others Present: Brandon Morales

Well: <u>14-11g-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>Monument Federal</u>	API No: <u>43-013-31374</u>

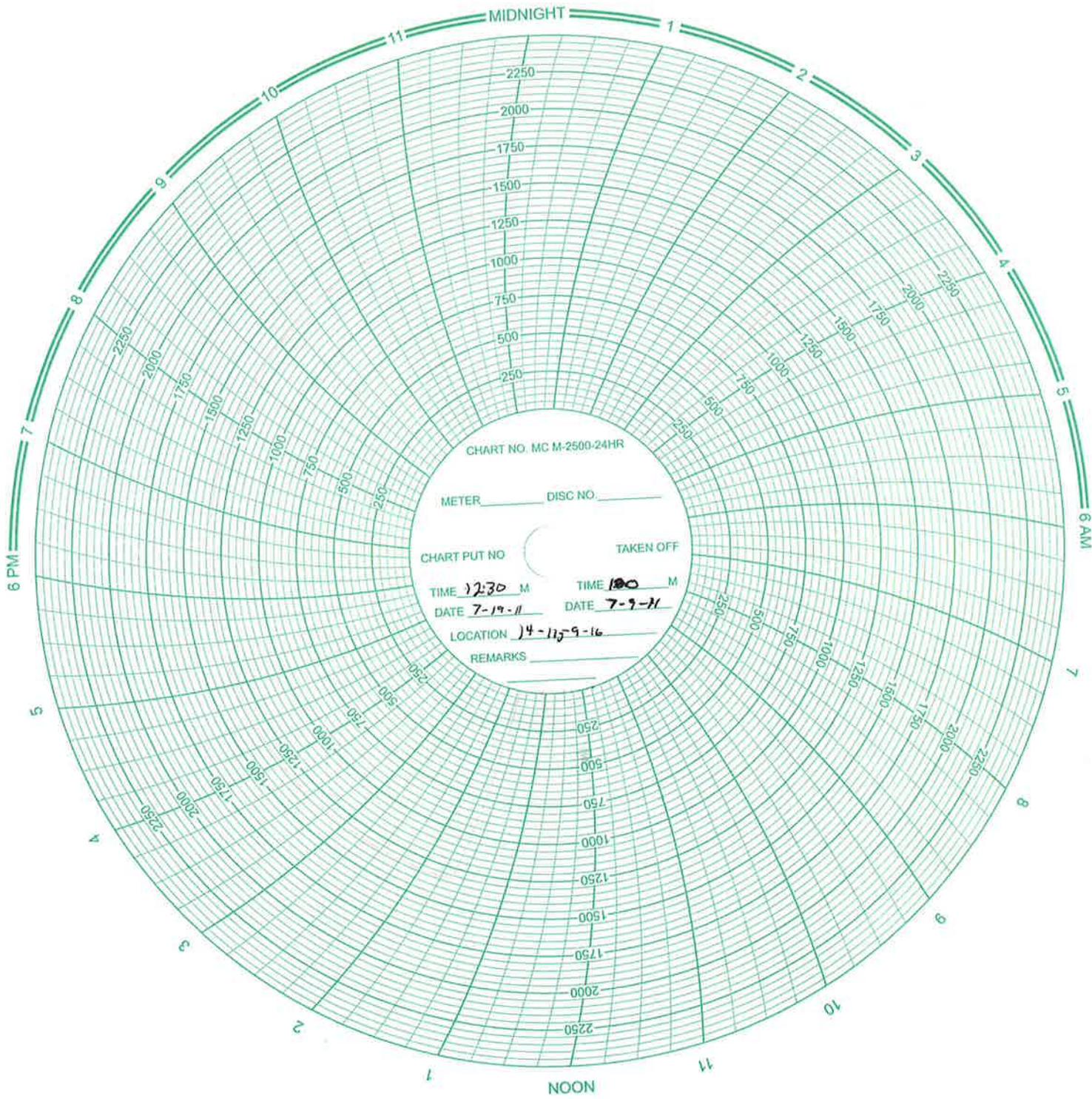
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1340</u>	psig
5		psig
10		psig
15		psig
20		psig
25		psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1960 psig

Result: Pass Fail

Signature of Witness:

Signature of Person Conducting Test:



Spud Date: 9/20/93  
 Put on Production: 10/27/93  
 Put on Injection: 11/04/94  
 GL: 5661' KB: 5671'

# Balcron Monument Fed. #14-11J-9-16

Initial Production: 20 BOPD,  
 600 MCFD, 8 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: K-55  
 WEIGHT: 24#  
 LENGTH: 6 jts. (271.35')  
 DEPTH LANDED: 281'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150 sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5699.92')  
 DEPTH LANDED: 5663.56'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 136 sxs Class "G" & 206 sxs 50/50 POZ.  
 CEMENT TOP AT: 4020' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 134 jts (4135.34')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4145.34' KB  
 PACKER: 4149.69'  
 TOTAL STRING LENGTH: EOT @ 4153.89'

**FRAC JOB**

10/06/93 5553'-5556' **Frac zone as follows:**  
 15,000# 16/30 sand in 219 bbls 2% KCl frac fluid. Treated @ avg press of 3000 psi w/avg rate of 18.7 BPM. ISIP 1950 psi. Calc. flush: 5553 gal., Actual flush: 5502 gal.

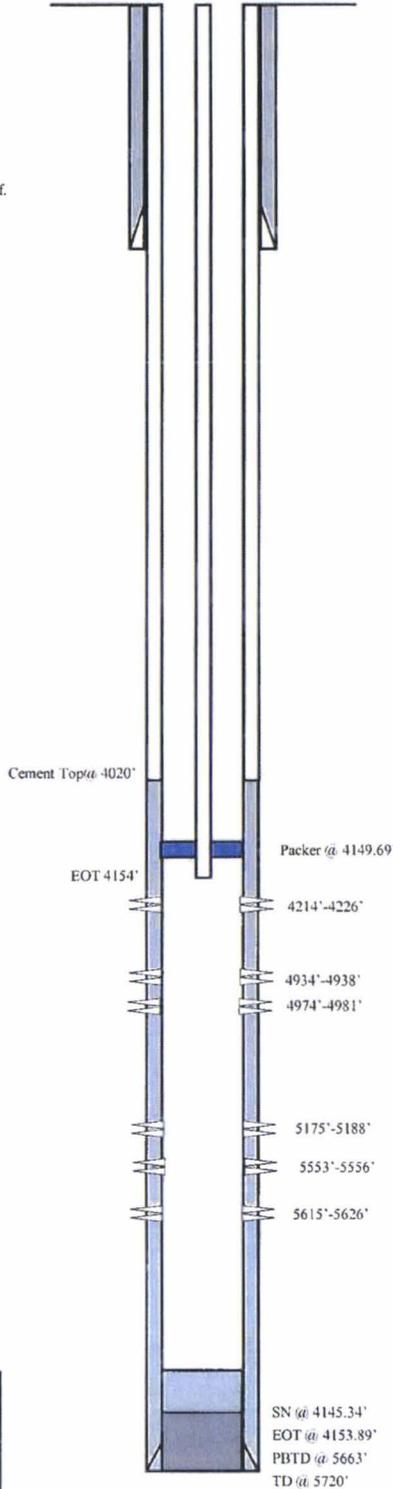
10/07/93 5175'-5188' **Frac zone as follows:**  
 16,200# 16/30 + 16,300# 20/40 sand in 353 bbls 2% KCl frac fluid. Treated @ avg press of 2250 psi w/avg rate of 20.4 BPM. ISIP 2000 psi. Calc. flush: 5175 gal., Actual flush: 5082 gal.

8/23/06  
 8/21/06 **Re-completion (New perms)**  
**Frac CP2 sds as follows:**  
 #25,386#'s of 20/40 sand in 230 bbls of Lightning 17 fluid. Broke @ 4146 psi. Treated w/ave pressure of 4056 psi @ 14.4 BPM. ISIP 3750 psi.

8/21/06 **Frac B.5 & B2 sds as follows:**  
 40,480#'s of 20/40 sand in 332 bbls of Lightning 17 fluid. Broke @ 3490 psi. Treated w/ave pressure of 3678 psi @ 14.3 BPM. ISIP 2650 psi.

8/22/06 **Frac GB6 sds as follows:**  
 26,529#'s of 20/40 sand in 225 bbls of Lightning fluid. Broke @ 3384 psi. Psi @ 3351 BPM. ISIP 1850 psi.

10/16/08 Zone Stimulation. Updated tubing details.



**PERFORATION RECORD**

Date	Interval	SPF	Holes
10/05/93	5553'-5556'	2 JSPF	06 holes
10/07/93	5175'-5188'	2 JSPF	26 holes
8/21/06	5615'-5626'	4 JSPF	44 holes
8/21/06	4974'-4981'	4 JSPF	28 holes
8/21/06	4934'-4938'	4 JSPF	16 holes
8/22/06	4214'-4226'	4 JSPF	48 holes

**NEWFIELD**

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**Balcron Monument Fed. #14-11J-9-16**  
 1048' FSL & 446' FWL  
 SWSW Section 11-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31374; Lease #U-096547

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</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>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-096547
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> MON FED 14-11J
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1048 FSL 0446 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW Section: 11 Township: 09.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013313740000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/23/2016	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <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"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> On 06/21/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 06/23/2016 the casing was pressured up to 1100 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1652 psig during the test. There was a State representative available to witness the test - Amy Doebele.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          June 27, 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> 6/27/2016	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: \_\_\_\_\_ Date 6/23/16 Time 11:00  am  pm

Test Conducted by: Riley Bely

Others Present: \_\_\_\_\_

Well: <u>Balcon monument 14-113-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>Balcon monument 14-113-9-16</u>	API No: <u>4301331374</u>

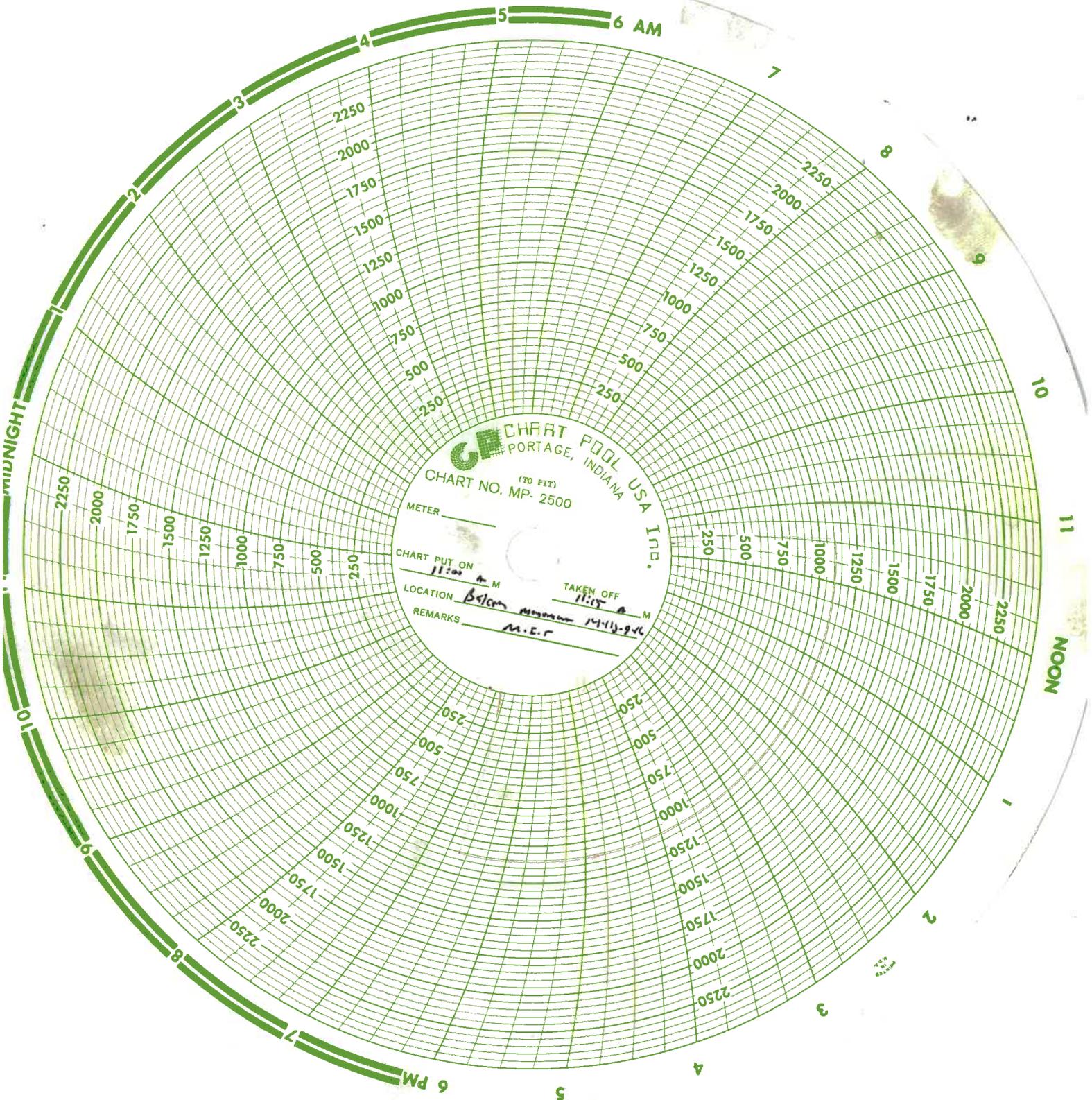
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1100</u>	psig
5	<u>1100</u>	psig
10	<u>1100</u>	psig
15	<u>1100</u>	psig
20	_____	psig
25	_____	psig
30 min	_____	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1652 psig

Result:  Pass  Fail

Signature of Witness: Amy Drebele

Signature of Person Conducting Test: Riley Bely



**GP** CHART POOL USA INC.  
PORTAGE, INDIANA  
CHART NO. MP. 2500  
(70 217)

MIDNIGHT

NOON

6 PM

6 AM