



**EQUITABLE RESOURCES**  
ENERGY COMPANY

**BALCRON OIL DIVISION**

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

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

December 14, 1993

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

Enclosed are Applications for Permit to Drill the following wells:

Balcron Monument Federal #41-26

Balcron Monument Federal #42-18

Balcron Monument Federal #43-7

As operator, we hereby request that the status of this well be held TIGHT for the maximum period allowed by Federal and State regulations.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

RECEIVED

DEC 15 1993

DIVISION OF  
OIL, GAS & MINING

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**CONFIDENTIAL**

5. Lease Designation and Serial No.  
Federal # UTU-72106

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

7. Unit Agreement Name  
n/a

8. Farm or Lease Name  
Balcron Monument Federal

9. Well No.  
#43-7

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

11. 00, Sec., T., R., M., or Blk. and Survey or Area  
NE SE Sec. 7, T9S, R17E

12. County or Parrish  
Duchesne

13. State  
UTAH

14. Distance in miles and direction from nearest town or post office\*  
From Myton, Utah, approximately 16 mi. SW

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

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.  
19. Proposed depth  
20. Rotary or cable tools

21. Elevations (Show whether DF, RT, GR, etc.)  
GL 5399.4'  
22. Approx. date work will start\*  
Upon APD approval

PROPOSED CASING AND CEMENTING PROGRAM

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

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

**REGISTERED**

DEC 15 1993

DIVISION OF  
OIL, GAS & MINING

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.

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

Signature: Robbie Schuman Title: Coordinator of Environmental and Regulatory Affairs Date: December 14, 1993

(This space for Federal or State office use)

API NO. 43-013-31430 Approval Date \_\_\_\_\_

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

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_ DATE: 12-21-93  
BY: [Signature]  
WELL SPACING: 649-3-2

\*See Instructions On Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface NE SE Section 7, T9S, R17E 1850' FSL, 850' FEL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 From Myton, Utah, approximately 16 miles southwest

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH  
 5,700'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GL 5399.4'

22. APPROX. DATE WORK WILL START\*  
 Upon APD approval

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
		See attached		

EXHIBITS ATTACHED

- "A" PROPOSED DRILLING PROGRAM
- "B" PROPOSED SURFACE USE PROGRAM
- "C" GEOLOGIC PROGNOSIS
- "D" DRILLING PROGRAM/CASING DESIGN
- "E" HAZMAT DECLARATION
- "F" SURVEY PLAT
- "G" RIG LAYOUT
- "H" BOPE DIAGRAM
- "I" EXISTING ROADS (Map A)
- "J" PLANNED ACCESS (Map B)
- "K" EXISTING WELLS (Map C)
- "L" CUT & FILL DIAGRAM
- "M" ARCHEOLOGY REPORT
- "N" PROPOSED PRODUCTION FACILITY DIAGRAM.

RECEIVED  
 DEC 15 1993  
 DIVISION OF OIL, GAS & MINING

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MF-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 December 14, 1993  
 Bobbie Schuman  
 (This space for Federal or State office use)

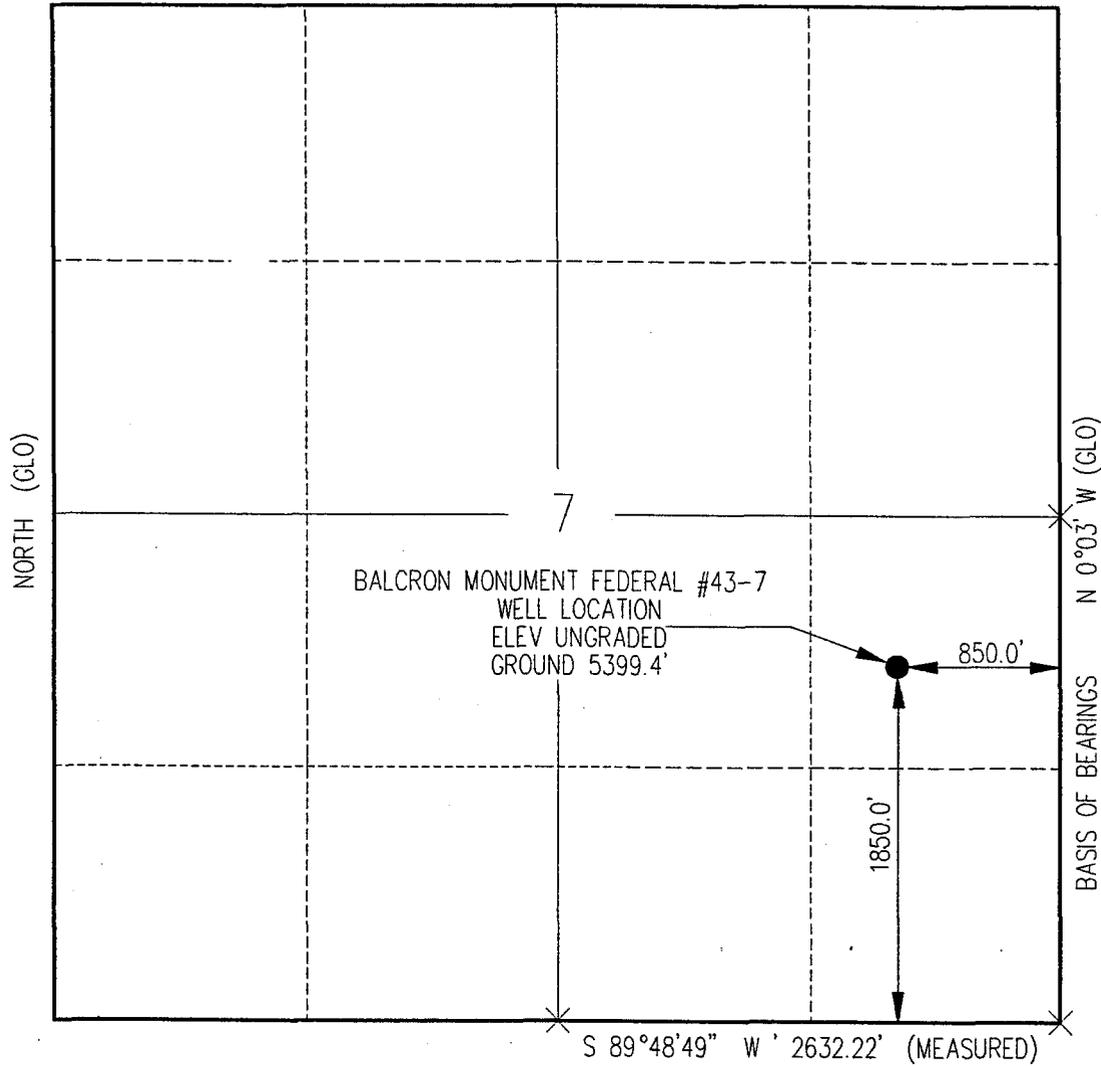
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

\*See Instructions On Reverse Side

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

S 89°55' W (GLO)



BALCRON MONUMENT FEDERAL #43-7  
WELL LOCATION  
ELEV UNGRADED  
GROUND 5399.4'

850.0'

1850.0'

S 89°48'49" W ' 2632.22' (MEASURED)

N 0°05' W (GLO)  
BASIS OF BEARINGS

NORTH (GLO)

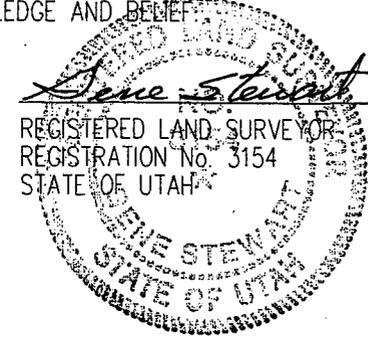
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EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #43-7,  
LOCATED AS SHOWN IN THE NE 1/4 SE 1/4  
OF SECTION 7, T9S, R17E, S.L.B. & M,  
DUCHESNE COUNTY UTAH.



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



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

WEATHER: CLEAR & WARM
DATE: 11/6/93
SCALE: 1" = 1000'
SURVEYED BY: GS HW
FILE: 43-7



EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Monument Federal #43-7  
NE SE Section 7-T9S-R17E  
Duchesne County, Utah

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

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

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

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

4. PROPOSED CASING AND CEMENTING PROGRAM:

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

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

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

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

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

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

"B"

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY  
BALCRON OIL DIVISION  
BALCRON MONUMENT FEDERAL #43-7  
NE SE SECTION 7, T9S, R17E  
DUCHESNE COUNTY, UTAH

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

- A. The proposed well site is staked and four reference stakes are present. 150' & 200' East and 175' & 225' North.
- B. The Monument Federal #43-7 is located 16 miles Southwest of Myton Utah in the NE1/4 SE1/4 Section 7, T9S, R17E, SLB&M, Duchesne County, Utah. To reach the 43-7, 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 10.6 miles to a road intersection, turn right and continue 1.8 miles to road intersection. Continue 0.6 mile to proposed access road sign. Follow flags 700 feet to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

**2. Planned Access Roads: Refer to Map "B"**

Approximately 700 feet of new road construction will be required for access to the proposed well location.

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

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

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

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

Upgrading shall not be allowed during muddy conditions.

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

- C. Maximum grade - Less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - no culverts will be required. There are no major cuts and/or fills on/along the proposed access road route.
- G. Surface materials - all construction materials will be native material taken from onsite.
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and

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

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

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

Please Refer to Map "C"

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

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

A. Existing

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

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. ~~A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sunday Notice" Form 3060-5 for approval of subsequent installation operations.~~ See EXHIBIT "N" proposed production facility diagram.
- 3. Production facilities will be accommodated on the

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

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

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

For Pipeline:

- F. Any proposed pipelines will be submitted to the authorized officer via Sundry Notice for approval of subsequent operations.
  - G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.
5. **Location and Type of Water Supply**
- A. Water to be used for the drilling of these wells will be

hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the beginning of drilling operations.

B. No water well will be drilled on this location.

#### **6. Source of Construction Materials**

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.

B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

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

C. All surface disturbance area is on B.L.M. lands.

D. There are no trees on this location.

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

A. Cuttings - the cuttings will be deposited in the reserve pit.

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within one hundred twenty (120) days after termination of drilling and completion activities.

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

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined with a 12 mil plastic reinforced liner.

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

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

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

## 8. Ancillary Facilities:

None anticipated.

**9. Wellsite Layout:**

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to 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 on the West side of location. The flare pit will be located downwind of the prevailing wind direction on the Southwest near corner #4. Access will be from the South between corners #2 & #3.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations.
- D. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

The reserve pit will be lined with a 12 mil plastic liner, 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 pit as soon as possible after drilling operations are completed.

#### 10. Plans for Reclamation of the Surface:

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

##### A. Production

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

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

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

If the well is abandoned/dry hole, Equitable Resources

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

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

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

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

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:

(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 13 miles Southwest of Myton Utah.

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

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

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

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

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

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

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

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

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
  1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
  2. There are no occupied dwellings in the immediate area
  3. An archaeological report ~~will be forwarded upon completion~~ is attached. See EXHIBIT "M".
  4. There are no reported restrictions or reservations noted on the oil and gas lease.
  5. A silt catchment dam will be constructed if determined necessary as a condition of approval.

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

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

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

Dale Griffin, Home (303)824-3323

**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.

December 14, 1993

Date

Bobbie Schuman

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

# Balcron Oil Well Prognosis

EXHIBIT "C"

Well Name BALCRON MONUMENT FEDERAL #43-7 Exploratory                      Control Well MOCON FED 44-7  
 Location NESE SEC 7-T9S-R17E 1850' FSL, 850' FEL Development X Operator DMND SHMRK  
 County DUCHESNE Field MON BUTTE KB 5399  
 State UTAH Section NESE 7 Section SESE 7  
 Total Depth 5700 Township 9S Township 9S  
 GL (Ung) 5399.4 EST. KB 5408 Range 17E Range 17E

Formation Tops	Prognosis		Sample Top		Control Well Datum	High/Low		Deviation
	Formation	Depth	Datum	Depth		Datum	Prog	
UINTA	SURFACE							
GREEN RIVER	1479	3929			3959			
HORSEBENCH SS	2175	3233			3263			
2ND GARDEN GULCH	3811	1597			1627			
Y-2 SAND (PAY)	4102	1306			1336			
Y-5 SAND (PAY)	4340	1068			1098			
YELLOW MARKER	4437	971			1001			
DOUGLAS CREEK	4600	808			838			
R-2 SAND (PAY)	4689	719			749			
R-5 SAND (PAY)	4777	631			661			
2ND DOUGLAS CREEK	4836	572			602			
GREEN MARKER	5006	402			432			
G-4 SAND (PAY)	5083	325			355			
G-5 SAND (PAY)	5119	289			319			
CARBONATE MARKER	5435	-27			3			
B-1 SAND (PAY)	5465	-57			-27			
TD	5700							

**Samples**  
 50' FROM 1400' TO 3900' \_\_\_\_\_  
 10' FROM 3900' TO TD \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**DST,s**  
 DST #1 NONE  
 DST #2 \_\_\_\_\_  
 DST #3 \_\_\_\_\_  
 DST #4 \_\_\_\_\_

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

**Logs**  
 DLL FROM SURF CSG TO TD \_\_\_\_\_  
 LDI/CNL FROM 3500' TO TD \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Cores**  
 Core #1 NONE  
 Core #2 \_\_\_\_\_  
 Core #3 \_\_\_\_\_  
 Core #4 \_\_\_\_\_

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

**Comments:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Report To:** 1st Name: DAVE BICKERSTAFF Phone # (406) 259-7860 wk. 245-2261 hm. \_\_\_\_\_  
 2nd Name: KEVEN REINSCHMIDT Phone # " wk. 248-7026 hm. \_\_\_\_\_

**Prepared By:** KKR 12/8/93 Phone # \_\_\_\_\_ wk. \_\_\_\_\_ hm. \_\_\_\_\_



BALCRON OIL CO.

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

Design Parameters:

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

Design Factors:

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

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

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

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

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

EXHIBIT E

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

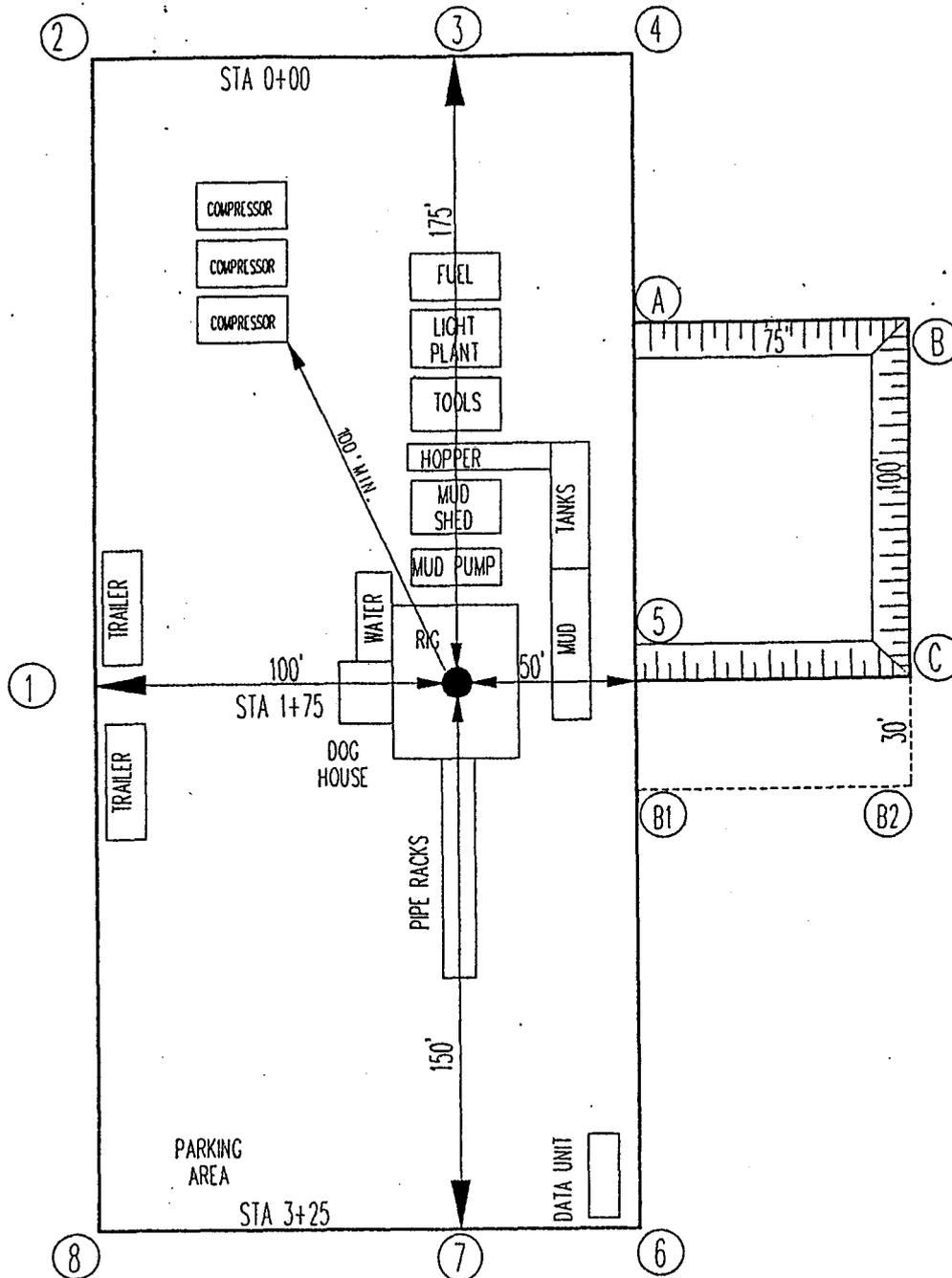
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

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

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

12/1/93  
Revised 12/7/93  
/rs

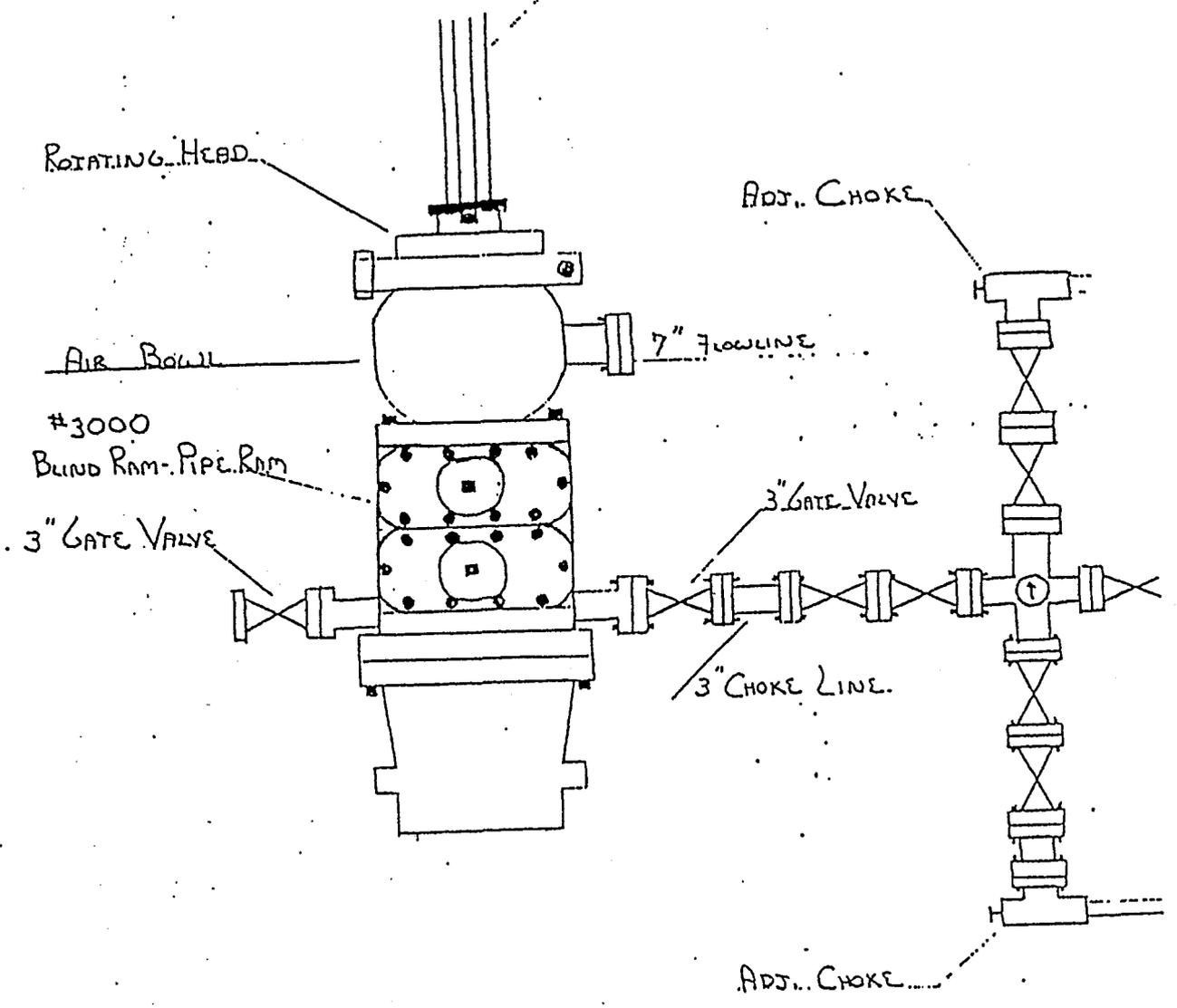
# EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



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

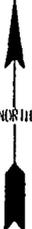
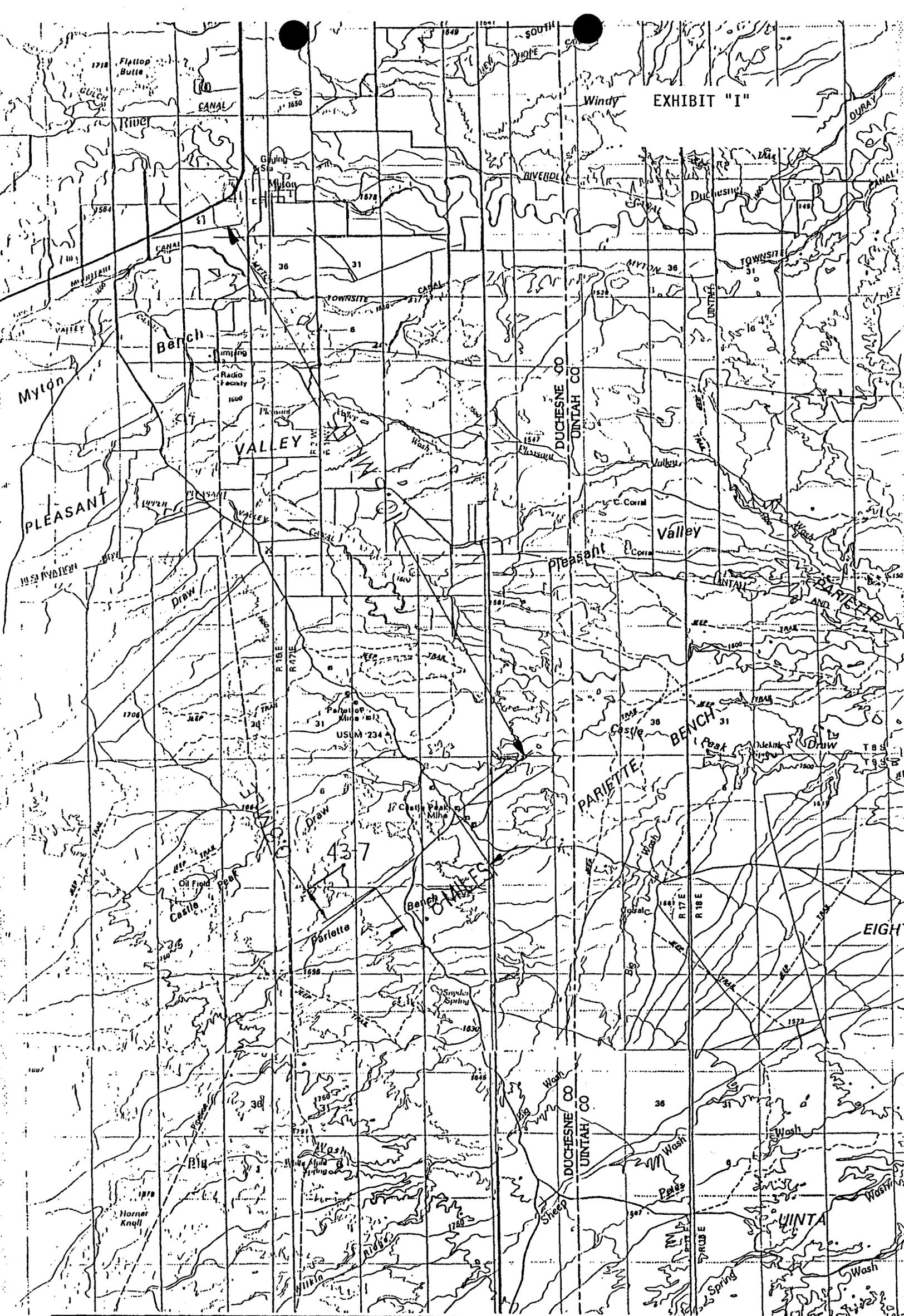
UNION DRILLING RIG #17

Hex Kelly



#3000 Stack

EXHIBIT "I"



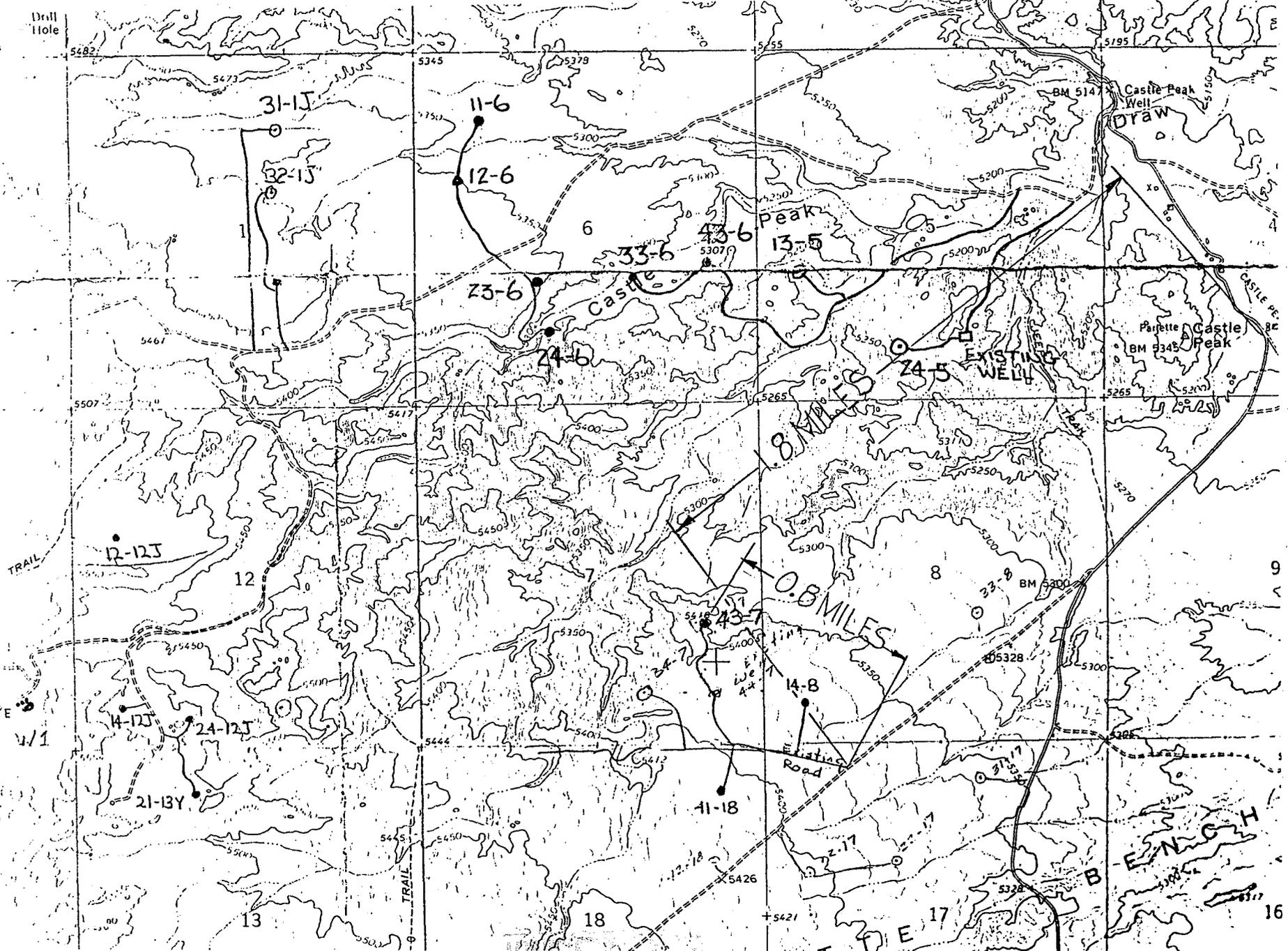
EQUITABLE RESOURCES ENERGY CO.  
 MONUMENT FEDERAL #43-7  
 MAP "A"

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

Drill Hole

EXHIBIT "J"

VI-1  
Z3-11  
SALT  
MONUMENT BUTTE  
OIL FIELD  
Draw  
W1  
W2  
W3



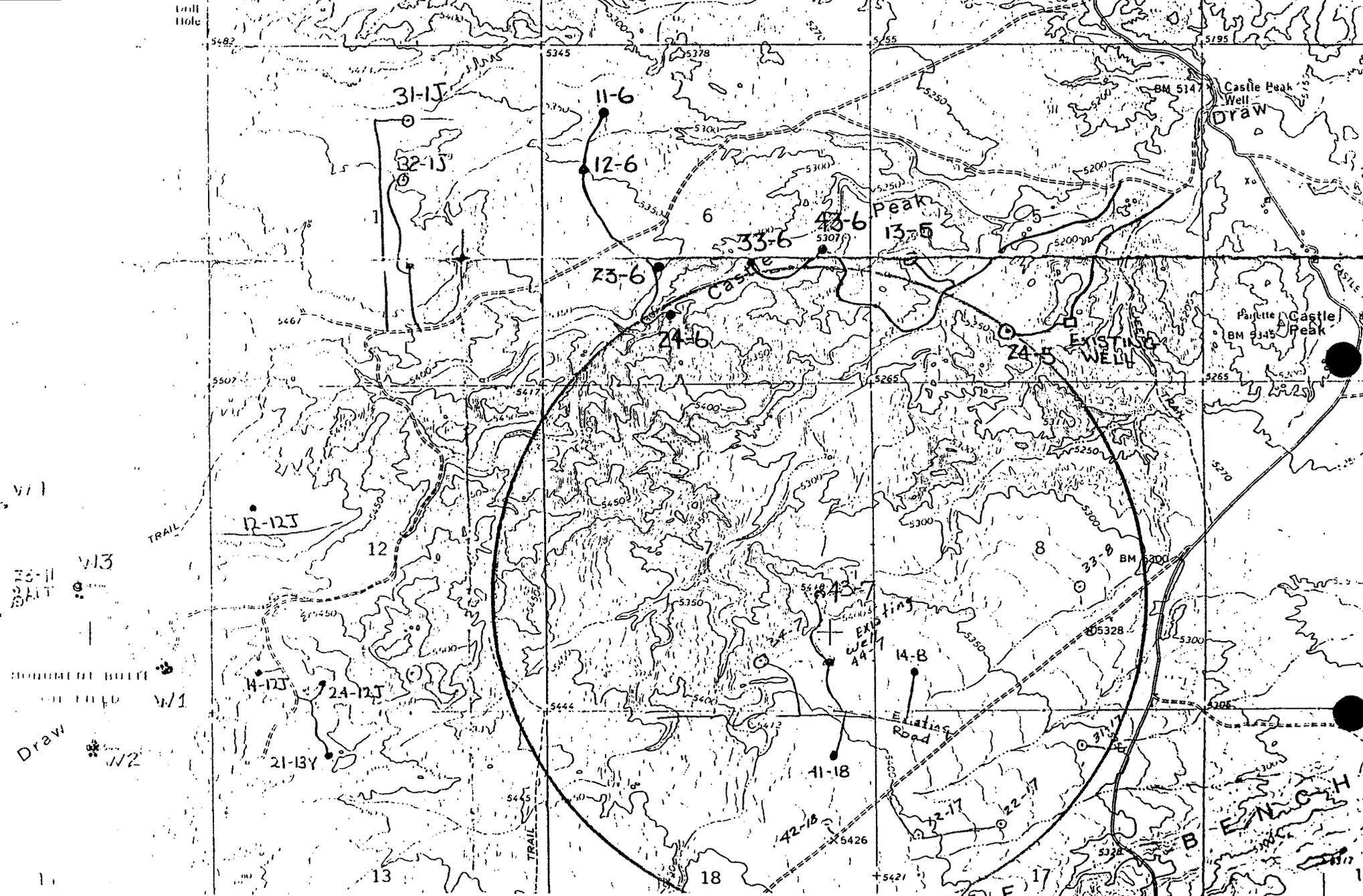
8 MILES  
0.8 MILES



EQUITABLE RESOURCES ENERGY CO. DEC 15 1957 STRI-STATE  
MONUMENT FEDERAL #43-7 LAND SURVEYING, INC.  
DIVISION OF OIL, GAS & MINING 38-WEST 100 NORTH, VERNAL, UTAH 84078  
801-781-2501

MAP "B"

Well Hole



EQUITABLE RESOURCES ENERGY CO.  
 MONUMENT FEDERAL #43-7  
 MAP "C"

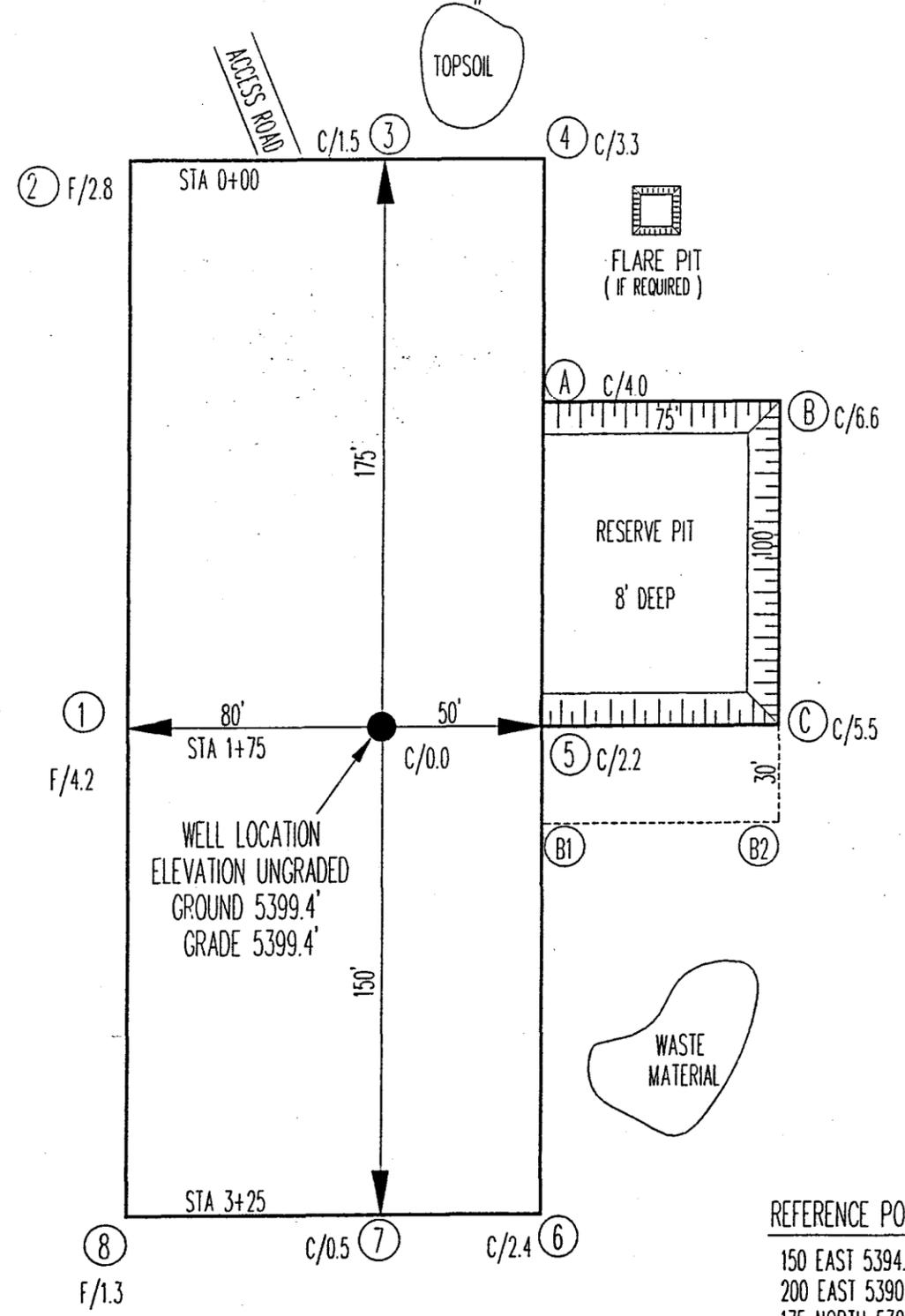
TRI-STATE  
 LAND SURVEYING, INC.  
 38 WEST 100 NORTH, VERNAL, UTAH 84078  
 801-781-2501

DEC 15 1995

DIVISION OF  
 OIL, GAS & MINING

EXHIBIT "K"

EQUITABLE RESOURCES ENERGY CO.  
BALCRON MONUMENT FEDERAL #43-7

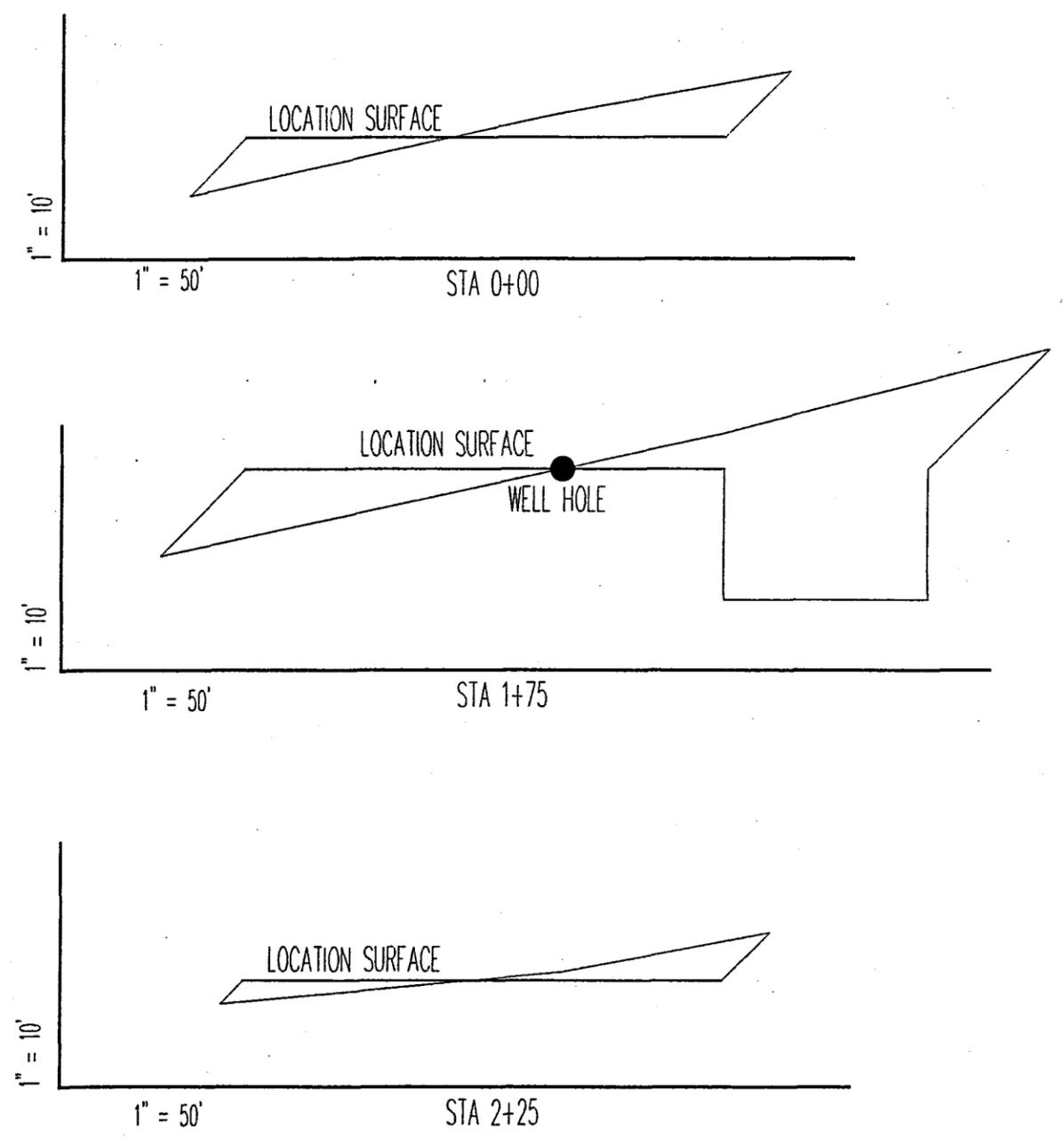


REFERENCE POINTS

150 EAST	5394.1'
200 EAST	5390.7'
175 NORTH	5395.9'
225 NORTH	5395.8'

APPROXIMATE YARDAGE

CUT	= 2200 Cu Yds
FILL	= 1700 Cu Yds
PIT	= 1826.4 Cu Yds



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

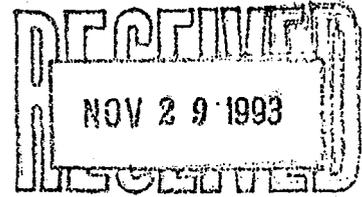


EXHIBIT "M"  
**ARCHEOLOGICAL - ENVIRONMENTAL  
RESEARCH CORPORATION**

43-7

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

November 22, 1993



*Subject:* CULTURAL RESOURCE EVALUATION OF SEVEN  
PROPOSED WELLS IN THE MONUMENT BUTTES AND  
PLEASANT VALLEY LOCALITIES OF DUCHESNE AND  
UINTAH COUNTIES, UTAH

*Project:* Balcron Oil -- 1993-1994 Development Program

*Project No.:* BLCR-93-11

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

*State Project No:* UT-93-AF-669b

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

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

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

**CULTURAL RESOURCE EVALUATION  
OF SEVEN PROPOSED WELLS  
IN THE MONUMENT BUTTES AND  
PLEASANT VALLEY LOCALITIES  
OF DUCHESNE AND UINTAH COUNTIES, UTAH**

Report Prepared for Balcron Oil Company

Dept. of Interior Permit No.: UT-93-54937  
AERC Project 1415 (BLCR-93-11)

Utah State Project No.: UT-93-AF-669b

Principal Investigator  
F. Richard Hauck, Ph.D.

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



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

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

November 22, 1993

## ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of seven proposed wells (Monument Federal Units 33-8, 12-17, 22-17, 31-17, 42-18, 43-7 and 41-26) and associated access routes situated on BLM administered lands located in the Monument Buttes locality of Duchesne County, Utah and the Pleasant Valley locality of Uintah County, Utah. This evaluation involved a total of 78.6 acres, of which 70 acres are associated with the seven well pads and an additional 8.6 acres associated with the various access road rights of way. These evaluations were conducted by Glade Hadden and Walter Lenington of AERC on November 16, 17 and 18, 1993.

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

One newly identified cultural resource activity locus was discovered and recorded during the examinations. 42UN 2084 is a non-significant prehistoric activity locus associated with well location 41-26. This site is a cobble quarry area located within the proposed well development zone.

One isolated artifact was recorded during the investigations. Isolate 1415G/X1 is a non-diagnostic chert core noted on the access road between Units 12-17 and 22-17. This artifact was recorded but not collected.

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

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## GENERAL INFORMATION

On November 16, 17 and 18, 1993, AERC archaeologists Glade Hadden and Walter Lenington conducted an intensive cultural resource evaluation for Balcron Oil Company of Billings, Montana. This examination involved seven proposed well locations (Monument Federal Units 33-8, 12-17, 22-17, 31-17, 42-18, 43-7 and 41-26) and associated access roads located in the Monument Buttes area, and in the Pleasant Valley area, south of Myton, Utah. Some 78.6 acres were examined which includes ca. 70 acres associated with the well pads and an additional 8.6 acres associated with the various 100 foot-wide access routes. This project is situated in the Monument Buttes locality of Duchesne County, Utah. The entire project area is situated on federal lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

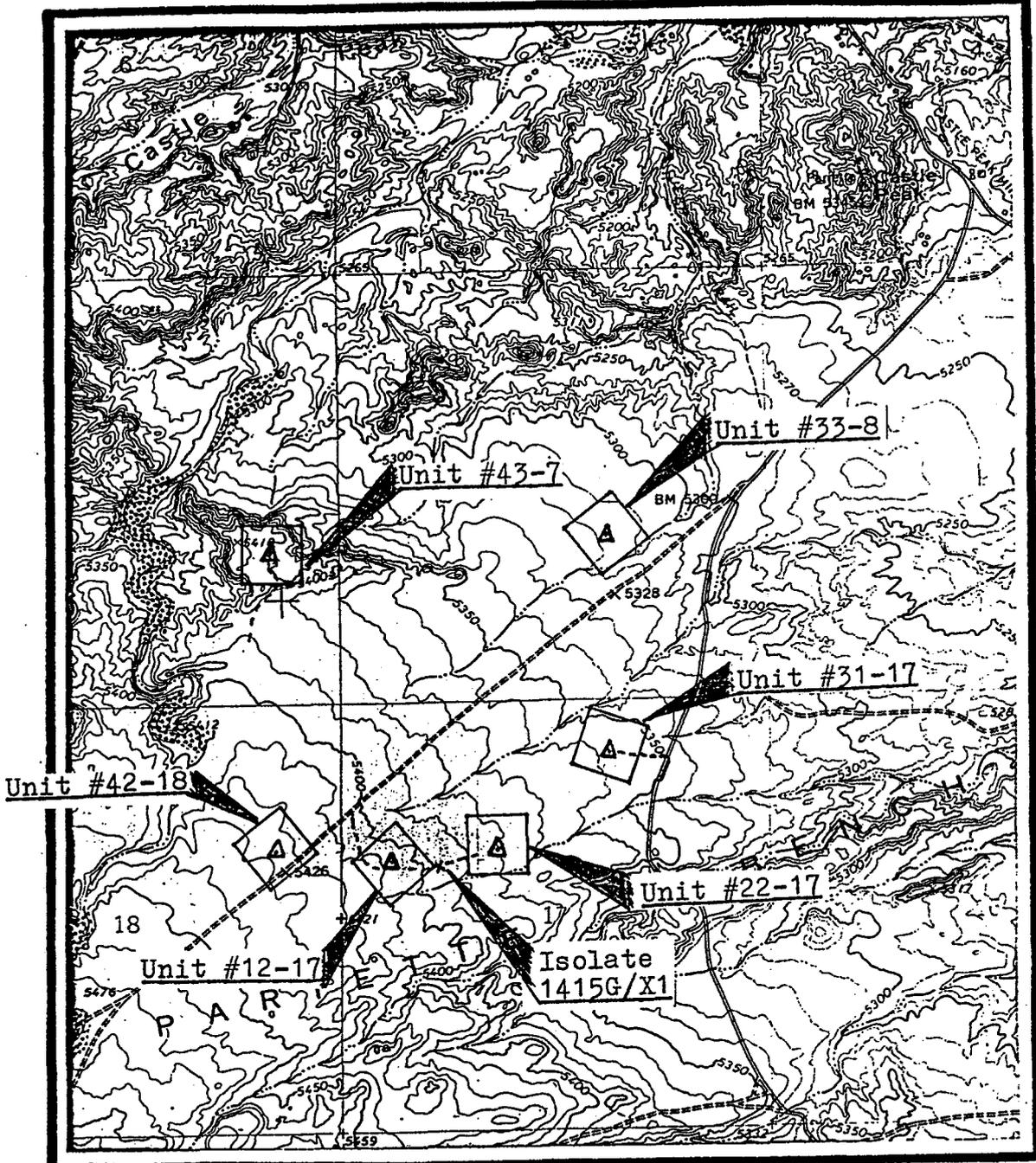
The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed developments of these seven drilling locations require archaeological evaluations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

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

### Project Location

The project location is in the Monument Buttes locality of Duchesne County, Utah (situated on the Myton SE 7.5 minute topographic quad) and in the Pleasant Valley locality of Uintah County, Utah (situated on the Pariette Draw SW 7.5 minute topographic quad). The proposed drilling locations are situated in the following sections:

Balcron Monument Federal #33-8 is located in the NW - SE of Section 8, T. 9 So., R. 17 E. (see Map 1)



T. 9 So.  
 R. 17 E.  
 Meridian: SL  
 Quad: Myton SE  
 Utah

**MAP 1**  
 Cultural Resource Survey of  
 Proposed Balcron Well Units  
 in the Monument Buttes  
 Locality, Duchesne County

**Legend:**  
 Well Location   
 Access Route 



**Project:** BLCR-93-11 **Scale:** 1:64,000  
**Series:** Uinta Basin  
**Date:** 11/22/93





Balcron Monument Federal #12-17 is located in the SW - NW of Section 17, T. 9 So., R. 17 E. and includes ca. 600 feet of access road (see Map 1)

Balcron Monument Federal #22-17 is located in the SE - NW of Section 17, T. 9 So., R. 17 E. and includes ca. 500 feet of access road (see Map 1)

Balcron Monument Federal #31-17 is located in the NW - NE of Section 17, T. 9 So., R. 17 E. and includes ca. 350 feet of access road (see Map 1)

Balcron Monument Federal #42-18 is located in the SE - NE of Section 18, T. 9 So., R. 17 E. (see Map 1)

Balcron Monument Federal #43-7 is located in the NE - SE of Section 7, T. 9 So., R. 17 E. and includes ca. 1000 feet of access road (see Map 1)

Balcron Monument Federal #41-26 is located in the NE - NE of Section 26, T. 8 So., R. 17 E. and includes ca. 1300 feet of access road (see Map 2)

### Environmental Description

The project area is within the 5000 to 5500 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project area.

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

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

### PREVIOUS RESEARCH IN THE LOCALITY

#### File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 19, 1993. A similar search was conducted in the Vernal District Office of the BLM on November 16, 1993. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

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

recorded by AERC and other archaeological consultants during oil and gas exploration inventories.

### Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

### Site Potential in the Project Development Zone

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

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

## FIELD EVALUATIONS

### Methodology

Intensive evaluations consisted of the archaeologists walking a series of 10 to 20 meter-wide transects across a 10 acre area covering each well pad. In addition, access routes were surveyed by the archaeologists walking a pair of 10 to 15 meter wide transects on each side of the flagged access route right of way. Thus, a 30 meter-wide or 100 foot-wide corridor (ca. 8.6 acres) was examined for the total ca. 3750 foot length of proposed access road, in addition to the seventy acres inventoried on the well pads for a total of 78.6 acres.

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

### Site Significance Criteria

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

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

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

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

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

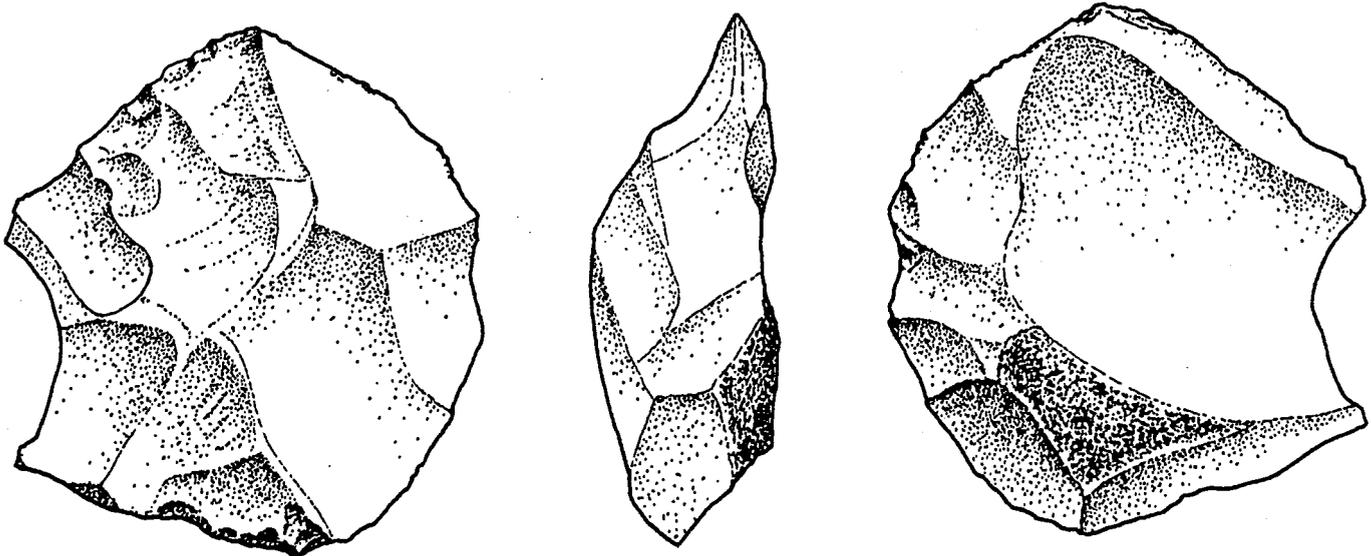
Results of the Inventory

One prehistoric cultural resource activity locus was observed and recorded during the archaeological evaluations. Site 42UN 2084 (see map 2) is a 50 x 120 meter lithic surface quarry area. Isolated flakes are located up to 500 meters from the main locus. Artifacts are composed mainly of Parachute Creek Chert cores. Two biface blanks and two utilized flakes were also found. This non-significant site is of a type commonly found in the area. Remnant lag gravel deposits with many chert and quartzite cobbles present cover extensive areas in this locality, and most such "Desert Pavement" sites are the location for "Tap and Test" quarry operations. No buried deposits are present and artifact context is questionable due to sheet wash erosion. The site does not qualify under criterion d of Title 36 CFR 60.6.

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

No paleontological loci were observed or recorded during the evaluations.

One isolated artifact was recorded during the evaluations. Isolate 1415G/X1 (see Figure one) consists of a single Parachute Creek chert core located along the access route connecting Units 12-17 and 22-17. This artifact was not collected.



WJG 1993

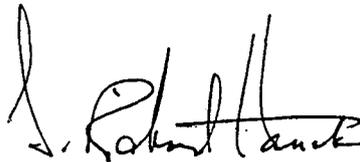
Isolated Artifact 1415G/X1  
(actual size)

CONCLUSION AND RECOMMENDATIONS

No known significant cultural or paleontological resources will be adversely impacted during the development and operation of Balcron Units 33-8, 12-17, 22-17, 31-17, 42-18, 43-7 and 41-26 as evaluated during this project.

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

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



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



Glade V Hadden  
Field Supervisor

## REFERENCES

Hadden, Glade V and F. R. Hauck

- 1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard

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

- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.
- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.

Norman, V. Garth and F.R. Hauck

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

Equitable Resources Energy Company  
 Balcron Monument Federal 43-7  
 Proposed Production Facility Diagram

EXHIBIT "N"

Balcron Monument Federal 43-7  
 NE SE Sec. 7, T9S, R17E  
 Duchesne County, Utah  
 Federal Lease #UTU-72106  
 1850' FSL, 850' FEL

ACCESS ROAD

NORTH

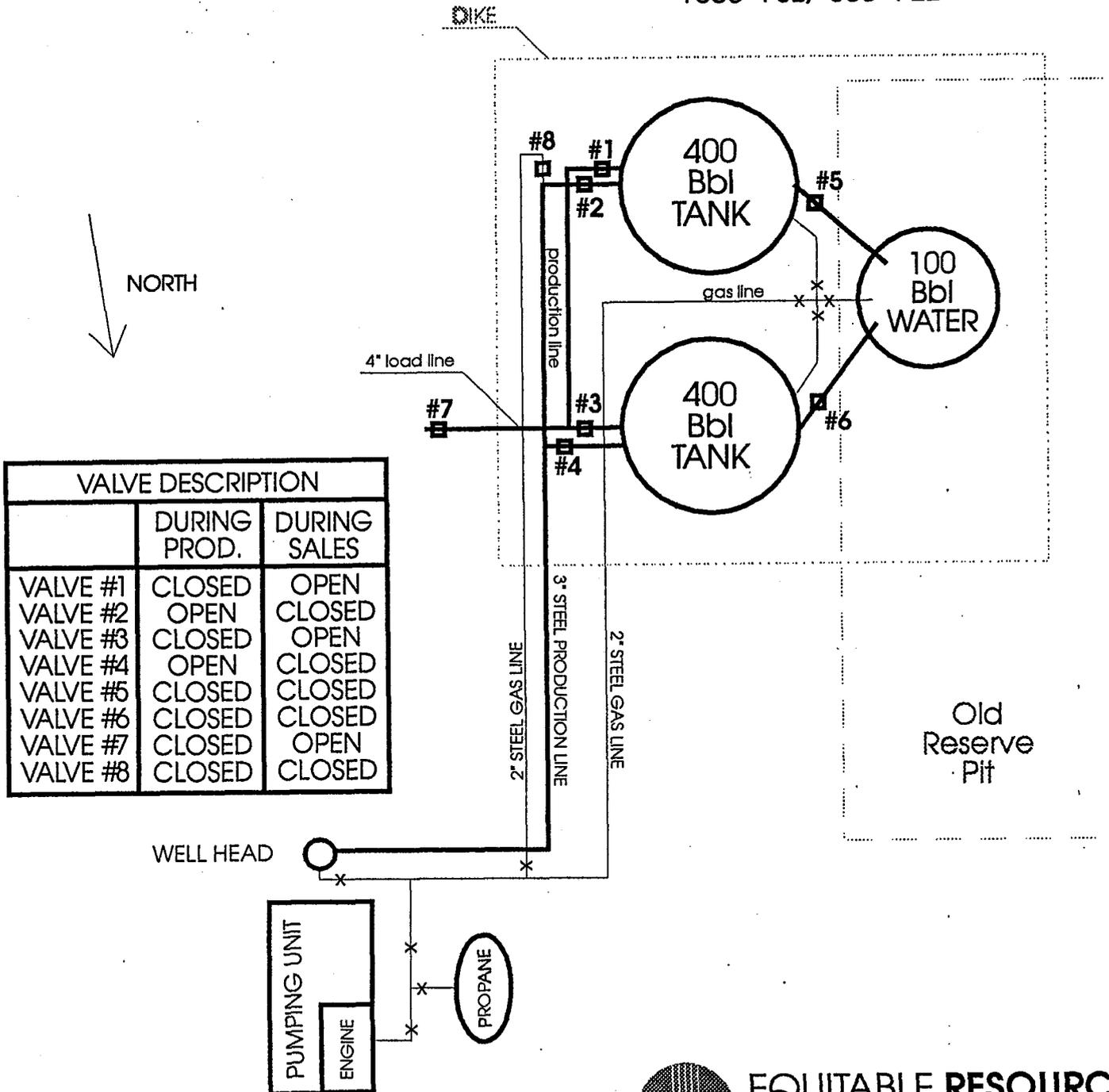
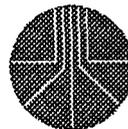


DIAGRAM NOT TO SCALE



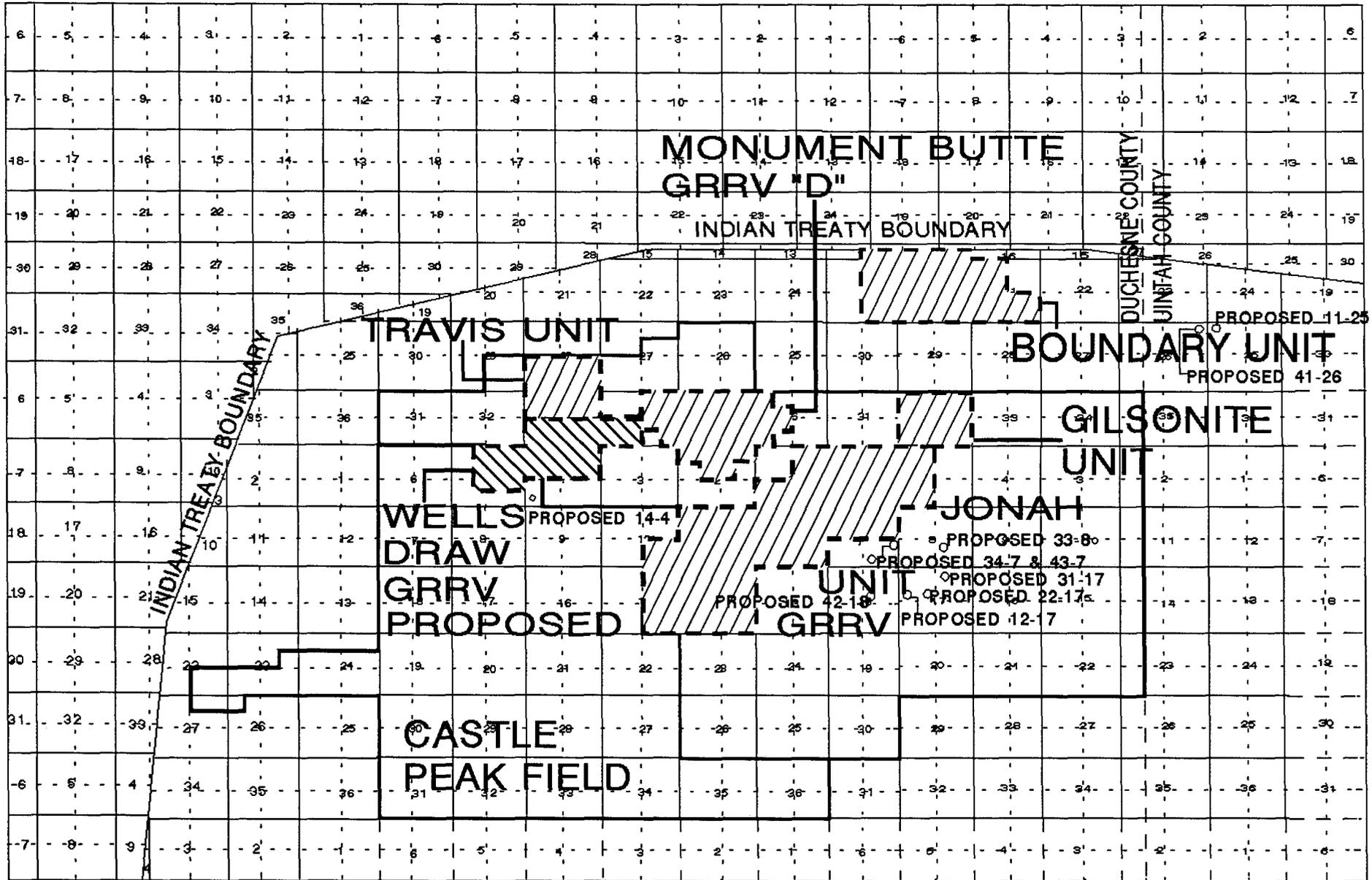
**EQUITABLE RESOURCES  
 ENERGY COMPANY**  
 BALCRON OIL DIVISION  
 1601 Lewis Avenue  
 P.O. Box 21017  
 Billings, MT 59104-1017  
 (406) 259-7860

# MONUMENT BUTTE WATER FLOOD UNITS

R 2 W

R 1 W

R 1 E



T 4 S  
T 8 S  
T 9 S

R 15 E

R 16 E

R 17 E

----- WATER FLOOD BOUNDARY

———— FIELD BOUNDARY

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/15/93

API NO. ASSIGNED: 43-013-31432
--------------------------------

WELL NAME: BALCRON MONUMENT FEDERAL 43-7  
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:  
NESE 07 - T09S - R17E  
SURFACE: 1850-FSL-0850-FEL  
BOTTOM: 1850-FSL-0850-FEL  
DUCHESNE COUNTY  
MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED  
LEASE NUMBER: UTU-72106

RECEIVED AND/OR REVIEWED:

Y Plat  
V Bond: Federal [] State [] Fee [  
(Number MT0516 5547188)  
N Potash (Y/N)  
N Oil shale (Y/N)  
N Water permit  
(Number BY SUNDAY)  
N 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: WELL IS NOT IN A SECONDARY RECOVERY UNIT.

STIPULATIONS: I WAIVER SOURCE AND PERMIT WILL BE FILED BY SUNDAY PRIOR TO SPUD.

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 4-30-95



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

RECEIVED

DEC 17 1993

DIVISION OF  
OIL, GAS & MINING

December 15, 1993

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

CONFIDENTIAL

Gentlemen:

Enclosed are Paleontology Reports on the wellpad location and access road for the following wells:

Balcron Monument Federal #11-25  
Balcron Monument Federal #12-17  
Balcron Monument Federal #14-4  
Balcron Monument Federal #22-17  
Balcron Monument Federal #31-17  
Balcron Monument Federal #33-8  
Balcron Monument Federal #34-7  
Balcron Monument Federal #41-26  
Balcron Monument Federal #42-18  
Balcron Monument Federal #43-7

43 013 31432

Applications for Permit to Drill these wells have already been submitted.

Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Coordinator of Operations,  
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

BALCRON OIL

Balcron Monument Federal #43-7

NE SE SECTION 7, T9S, R17E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

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

December 6, 1993

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT BUTTE FEDERAL #43-7

Description of Geology and Topography-

This location is approximately 10.5 miles south of Myton, Utah. It sits on top of a small flat rise at the north edge of Pariette Bench. This area forms a ridge which juts out into a draw to the northwest.

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 and plant impressions.

Rock outcrops in the area of the proposed wellpad are interbedded layers of mudstone, and sandstone. The wellpad is underlain with a yellow sandstone which appears to be part of a large paleo stream channel. The surface is covered by a thin layer of sand and weathered rock fragments.

The access road leaves well #44-7 and runs north about 450 feet across sandy bench sediments. It then turns northeast, travels up a small hill and goes north to the location. There is a small knoll east of where the road tops the hill. This knoll is capped by a 6 inch tan-green sandstone with a maroon-brown layer of mudstone and a layer of green mudstone (silty shale) at the base.

Paleontological material found -

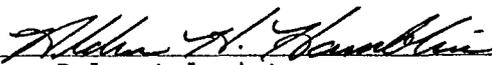
No fossils were found on the wellpad. There were several small weathered pieces of turtle shell on the hill where the access road is.

The small knoll east of the road on top of the hill has 3 turtles weathering out of the green mudstone base. This knoll is about 350 feet south 169 degrees from the center stake. 85 feet east 105 degrees from the knoll is a brown mudstone with possible tracks? in it.

Recommendations-

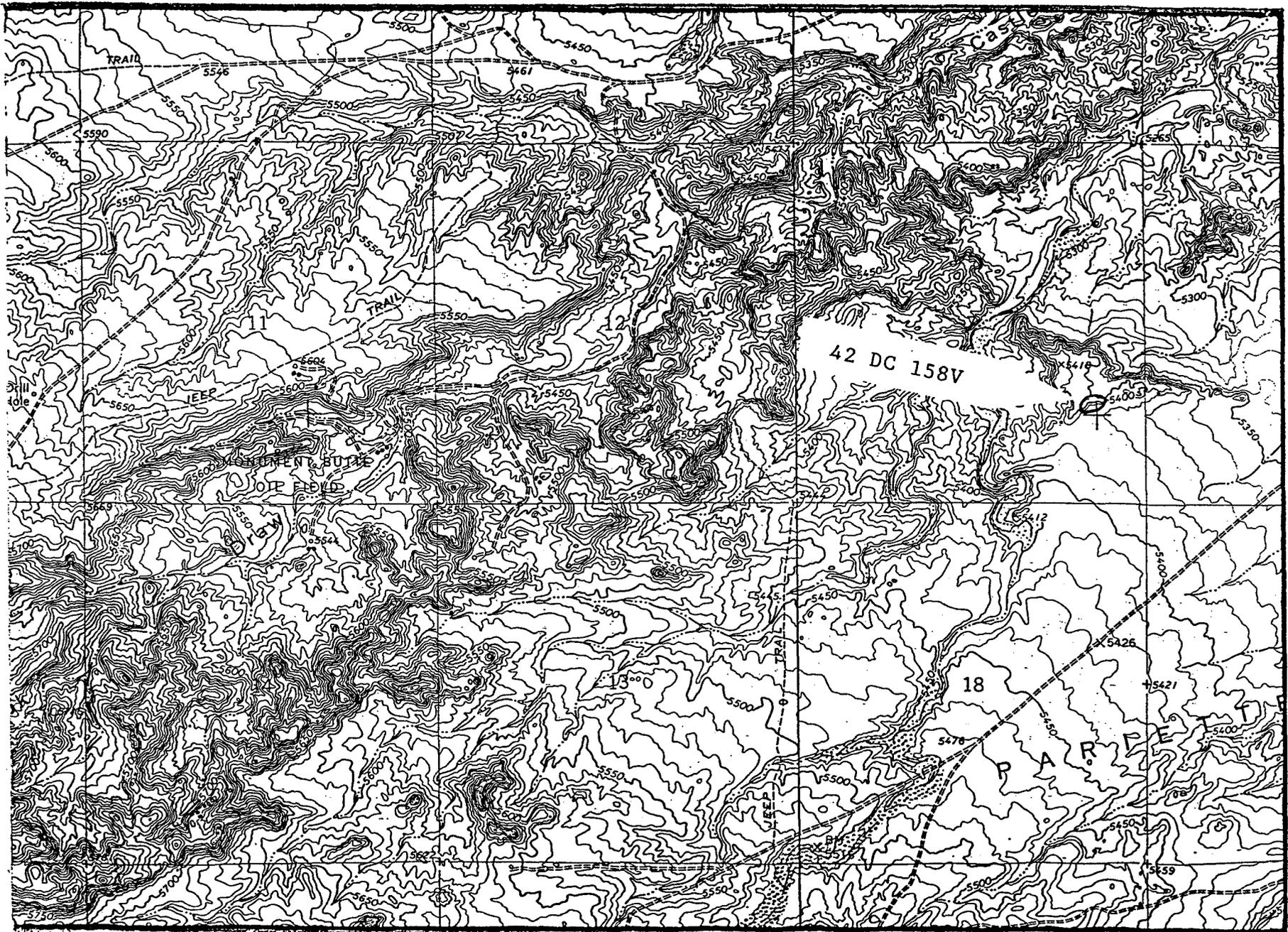
The fossil material found along the access road has been weathered and scattered and is of rather poor in quality. The fossil turtles around the small knoll are far enough to the east as not to be impacted by road construction.

No other recommendations are made for this location.

  
Paleontologist

Date December 9, 1993

<b>PALEONTOLOGY LOCALITY</b> <b>Data Sheet</b>					Page 1 of 1 plus map									
					State Local. No. 42 DC 158V									
					Agency No.									
					Temp. No BALCRON MONUMENT BUTTE FEDERAL #43-7									
1. Type of locality														Other _____
Invertebrate			Plant		Vertebrate	X	Trace							
2. Formation: UINTA				Horizon: "B"				Geologic Age: Late Eocene						
<b>3. Description of Geology and Topography:</b> This location sits on top of a small flat rise at the north edge of Pariette Bench. This area forms a ridge which juts out into a draw to the northwest. 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 and plant impressions. Rock outcrops in the area of the proposed wellpad are interbedded layers of mudstone, and sandstone. The wellpad is underlain with a yellow sandstone which appears to be part of a large paleo stream channel. The surface is covered by a thin layer of sand and weathered rock fragments. The access road leaves well #44-7 and runs north about 450 feet across sandy bench sediments. It then turns northeast, travels up a small hill and goes north to the location. There is a small knoll east of where the road tops the hill. This knoll is capped by a 6 inch tan-green sandstone with a maroon-brown layer of mudstone and a layer of green mudstone (silty shale) at the base.														
<b>4. Location of Outcrop:</b> This location is 10.5 miles south of Myton, Utah.														
5. Map Ref.		USGS Quad		Myton SE, Utah			Scale		7.5 Min		Edition		1964	
S1/2	of	NE1/4	of	SE1/4	of Sectn	7	T	9 S	R	17E	Meridn	SLB		
6. State: UTAH			County: DUCHESNE COUNTY			BLM/FS District: VERNAL- DIAMOND MT.								
7. Specimens Collected and Field Accession No. NONE														
8. Repository:														
<b>9. Specimens Observed and Disposition:</b> No fossils were found on the wellpad. There were several small weathered pieces of turtle shell on the hill where the access road is. The small knoll east of the road on top of the hill has 3 turtles weathering out of the green mudstone base. This knoll is about 350 feet south 169 degrees from the center stake. 85 feet east 105 degrees from the knoll is a brown mudstone with possible tracks? in it.														
10. Owner:														
Private			State		BLM	X	US		NPS		IND		MIL	OTHR
<b>11. Recommendations for Further Work or Mitigation:</b> The fossil material found along the access road has been weathered and scattered and is of rather poor in quality. The fossil turtles around the small knoll are far enough to the east as not to be impacted by road construction. No other recommendations are made for this location.														
12. Type of Map Made by Recorder:														
13. Disposition of Photo Negatives:														
<b>14. Published References:</b> Hamblin, A. H., 1992, Paleontology Report on the Monument Butte EA Study Area, for Mariah Associates, Laramie, Wyoming.														
15. Remarks:														
16. Sensitivity:		Critical		Significant		Important		X		Insignificant				
17. Recorded by: Alden Hamblin, Paleontologist							Date: November 22, 1993							



42 DC 158V

BALCRON OIL MONUMENT BUTTE FEDERAL #43-7  
NE SE SEC. 7, T9S, R16E, SLB&M MYTON SE, UT QUAD



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)

December 21, 1993

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

Re: Balcron Monument Federal #43-7 Well, 1850' FSL, 850' FEL, NE SE, Sec. 7,  
T. 9 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

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

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
2. Notification within 24 hours after commencing drilling operations.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or Mike Hebertson, Oil and Gas Field Specialist, (Home) (801)269-9212.
6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.



Page 2  
Equitable Resources Energy Company  
Balcron Monument Federal #43-7 Well  
December 21, 1993

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 43-013-31432.

Sincerely,



R.J. Erth  
Associate Director, Oil and Gas

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

b. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER

SINGLE ZONE  MULTIPLE ZONE

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface NE SE Section 7, T9S, R17E 1850' FSL, 850' FEL  
 At proposed prod. zone 43-013-31432

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 From Myton, Utah, approximately 16 miles southwest

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 5,700'

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 GL 5399.4'

22. APPROX. DATE WORK WILL START\*  
 Upon APD approval

5. LEASE DESIGNATION AND SERIAL NO.  
 UTU-72106

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.  
 #43-7

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

11. SEC., T., S., M., OR BLK. AND SURVEY OR AREA  
 Sec. 7, T9S, R17E

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 UTAH

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
		See attached		

EXHIBITS ATTACHED

- "A" PROPOSED DRILLING PROGRAM
- "B" PROPOSED SURFACE USE PROGRAM
- "C" GEOLOGIC PROGNOSIS
- "D" DRILLING PROGRAM/CASING DESIGN
- "E" HAZMAT DECLARATION
- "F" SURVEY PLAT
- "G" RIG LAYOUT

- "H" BOPE DIAGRAM
- "I" EXISTING ROADS (Map A)
- "J" PLANNED ACCESS (Map B)
- "K" EXISTING WELLS (Map C)
- "L" CUT & FILL DIAGRAM
- "M" ARCHEOLOGY REPORT
- "N" PROPOSED PRODUCTION FACILITY DIAGRAM

RECEIVED  
 DEC 15 1993  
 JAN 25 1994  
 DIVISION OF OIL, GAS & MINING

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MF-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 December 14, 1993

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 ASSISTANT DISTRICT MANAGER MINERALS  
 APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE JAN 20 1994  
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

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

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 43-7

API Number: 43-013-31432

Lease Number: U-72106

Location: NESE Sec. 7 T. 9S R. 17E

**NOTIFICATION REQUIREMENTS**

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

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

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

### A. DRILLING PROGRAM

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

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

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

#### 2. Pressure Control Equipment

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

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

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

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

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at  $\pm 364$  ft. or by setting the surface casing at  $\pm 414$  ft. and have a cement top for the production casing at least 200 ft. above the Mahogany Oil Shale, identified at  $\pm 2536$  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  $\pm 2,336$  ft. if the surface casing is set at  $\pm 414$  ft. or it will be run to  $\pm 164$  ft. if the surface casing is set at  $\pm 260$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

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

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

Ed Forsman              (801) 789-7077  
Petroleum Engineer

BLM FAX Machine      (801) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

**SURFACE USE PLAN OF OPERATION**  
Conditions of Approval (COAs)

Methods for Handling Waste Disposal

The reserve pit liner will have sufficient bedding (straw or dirt) to cover 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 deposited in the pit.

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

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

Additional Surface Conditions of Approval

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

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.

Due to potential mountain plover nesting habitat, surface disturbing activities will not be allowed between March 15 and August 15, unless a BLM approved wildlife field inspection show no mountain plover activity near the proposed site.

The flare pit location will be changed to be downwind of the prevailing wind direction on the northwest side of the location near the #6 corner.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU-72106
2. Name of Operator EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017; Billings, MT 59104      (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE SE Section 7, T9S, R17E 1850' FSL, 850' FEL	8. Well Name and No. Balcron Monument Fed. #43-7
	9. API Well No. 43-013-31432
	10. Field and Pool, or Exploratory Area Monument Butte/Green River
	11. County or Parish, State Duchesne County, UTAH

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

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

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

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

Operator intends to use the Joe Shields water source for drilling this well as noted in the approved APD. A copy of that permit is on file at the Vernal BLM.

FEB 16 1994

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

Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date February 14, 1994

(This space for Federal or State office use)

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

Conditions of approval, if any:

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

OPERATOR Equitable Resources Energy Company  
Balcron Oil Division  
ADDRESS P.O. Box 21017  
Billings, MT 59102

OPERATOR ACCT. NO. N 9890

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11666	43-013-31432	Balcron Monument Federal #43-7	NE SE	7	9S	17E	Duchesne	2-23-94	2-23-94
WELL 1 COMMENTS: Spud of a new well. <i>Entity added 2-23-94. sec (now "Gonah Unit" well).</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3/89)

FEB 28 1994

Date: 2-24-94

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

Phone No. (406) 259-7860

# CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

## SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES

WELL NAME: BALCRON MONUMENT FEDERAL 43-7

API NO. 43-013-31432

Section 7 Township 9S Range 17E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 2/23/94

Time 10:00 AM

How DRY HOLE

Drilling will commence

Reported by D. INGRAM-DOGM

Telephone #

Date 2/23/94 SIGNED JLT

# CONFIDENTIAL

Form 3160-5  
(June 1990)

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.

UTU-72106

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Monument Fed. #43-7

9. API Well No.

43-013-31432

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION

3. Address and Telephone No.

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

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

NE SE Section 7, T9S, R17E  
1850' FSL, 850' FEL

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

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

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

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

This well was spud on 2-23-94 at 10:00 a.m. by Leon Ross Drilling.

FEB 28 1994

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

Signed

Robbie Schuman

Title

Coordinator of Environmental  
and Regulatory Affairs

Date 2-24-94

(This space for Federal or State Office use)

Approved by

Conditions of approval, if any:

Title

Date

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

\*See Instruction on Reverse Side

BALCRON OIL COMPANY  
BALCRON MONUMENT FEDERAL #43-7  
NE SE SECTION 7, T9S, R17E  
DUCHESNE COUNTY, UTAH

43-013-31432

**CONFIDENTIAL**

**Clement Consulting**

**Roy L. Clement**  
Wellsite Geologist

1907 Sligo Lane  
Billings, MT 59106  
406-656-9514

Northern Rockies  
Williston Basin  
Horizontal Experience

BALCRON OIL COMPANY

BALCRON MONUMENT FEDERAL #43-7

NE SE SECTION 7, T9S, R17E

DUCHESNE COUNTY, UTAH

**RECEIVED**

MAR 17 1994

DIVISION OF  
OIL, GAS & MINING

Prepared by:

Roy L. Clement  
c/o Clement Consulting  
1907 Sligo Lane  
Billings, Montana 59106  
(406) 656-9514

Prepared for:

Dave Bickerstaff &  
Keven Reinschmidt  
c/o Balcron Oil Company  
Post Office Box 21017  
Billings, MT 59104  
(406) 259-7860

WELL DATA SUMMARY

OPERATOR: BALCRON OIL COMPANY

ADDRESS: Post Office Box 21017  
Billings, Montana 59104

WELL NAME: Balcron Monument Federal #43-7

FIELD: Monument Butte

LOCATION: 1850' FSL & 850' FEL  
NE SE SECTION 7, T9S, R17E

LEASE#: U-72106

API#: 43-013-31432

COUNTY: Duchesne

STATE: Utah

BASIN: Uinta

WELL TYPE: Developmental Well

BASIS OF PROSPECT: Oil Production @ Monument Butte Field

ELEVATION: GL: 5399'      SUB: 10'      KB: 5409'

SPUD DATE: March 1, 1994

TOTAL DEPTH/DATE: 5750' on March 8, 1994

TOTAL DRILLING DAYS: 7                      TOTAL ROTATING HOURS: 141.75

STATUS OF WELL: Cased for Completion on March 10, 1994

CONTRACTOR: Union Drilling Company, Rig #17

TOOLPUSHER: Dave Gray

FIELD SUPERVISOR: Al Plunkett

MUD ENGINEER: Al Plunkett

MUD TYPE: Air/Foam from surface to 3850';  
KCL/Fresh Water from 3850' to TD.

WELLSITE GEOLOGIST: Roy L. Clement

PROSPECT GEOLOGISTS: Dave Bickerstaff and Keven K. Reinschmidt  
of Balcron Oil Company

MUDLOGGERS: Larry Vodall and Bob Drogitis of NW Well Logging

SAMPLING PROGRAM: 50' samples from 1400' to 3900'; 20' samples from 3900' to 5700' (TD). All samples lagged and caught by mud loggers. One dry set of samples sent to the state of Utah.

HOLE SIZE: 12 1/4" to 421'  
7 7/8" to TD

CASING: 8 5/8" surface casing pre-set at 411'  
5 1/2" production casing to Total Depth

DRILL STEM TEST: None

CORE PROGRAM: None

ELECTRIC LOGGING PROGRAM:

- 1.) IPLT Log from 5747' - 2500'
- 2.) ARI from 5735' - 416'
- 3.) DLL/GR from 5735' - 3900'
- 4.) RFT/GR @ selected intervals
- 5.) Sidewall Cores @ 5702'; 5693'; 5486'; 4794'; 4712'; 4350'; 4341'

LOG TOPS: Green River @ 1484'; Horsebench Ss @ 2176'; Second Garden Gulch @ 3808'; Y-2 @ 4092'; Y-5 @ 4336'; Yellow Marker @ 4432'; Douglas Creek @ 4597'; R-2 @ 4679'; R-5 @ 4784'; Second Douglas Creek @ 4834'; Green Marker @ 5003'; G-4 @ 5082'; G-5 @ 5118'; Carbonate Marker @ 5442'; B-1 @ 5462'; B-3 @ 5688'; TD @ 5750'.

LOGGING COMPANY: Schlumberger

LOGGING ENGINEER: Mike Jardon

CORRELATION WELL: 1.) Diamond Shamrock  
MOCON #44-7  
Se Se Section 7, T9S, R17E

DISTRIBUTION LIST: Balcron Oil Company  
Attn: Dave Bickerstaff & Keven K. Reinschmidt  
Post Office Box 21017  
Billings, MT 59104

Balcron Oil Company  
Attn: Dale Griffin  
275-CO.RD-120  
Craig, CO 81625

Bureau of Land Management  
Vernal District Office  
Attn: Ed Forsman  
170 South 500 East  
Vernal, UT 84078

State of Utah  
Division of Oil, Gas, and Mining  
355 W. North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180

## WELL EVALUATION

The Balcron Monument Federal #43-7 was drilled as a continuation of Balcron Oil Company's development program at Monument Butte Field. Located in the Uinta Basin of Utah, Monument Butte produces both oil and gas from Tertiary aged sandstone members of the Green River Formation. Balcron Oil Company is undertaking a forty acre in fill drilling program in addition to a water flood project to maximize the field's production.

The Monument Federal #43-7 was situated in the Ne Se of Section 7, T9S, R17E in Duchesne County, Utah. On March 1, 1994 pre-set surface casing was drilled out from under with an air/foam mud system. Drilling proceeded to 3850' at which depth water with KCL was used for the remainder of the hole. A total depth of 5750' was reached after seven days and on March 10, 1994 5 1/2" production casing was set for completion operations. Drill cuttings and formation gases were evaluated by a two man mud logging unit and a well site geologist from 1400' to total depth. Additional evaluation of the well bore included an extensive logging suite, sidewall coring and repeat formation testing.

Zones of Interest: (Note: all depth are based on E-Logs)

The Y-5 Sand was present from 4336' to 4358' with porosity ranging from 10 to 14% through this 22' interval. A 370 unit net gas increase was recorded from the Y-5 along with abundant dark brown oil staining in a predominantly unconsolidated very fine to fine grained sandstone. A slight scum of dark brown oil on the reserve pit was also noted.

The Yellow Marker was topped at 4432' with a slight total gas increase of 73 units. Samples consisted of a very fine to medium grained sandstone with a trace of brown spotty oil staining. Logs indicate very clean gamma ray readings and 18 to 21% porosity at 4431' to 4438'. An additional gas increase of 174 units was recorded below the Yellow Marker at 4466' from relatively tight sands.

Although the R-2 Sands proved to be poorly developed at the Monument Federal #43-7, several thin beds (one to two feet thick) were present from 4700' to 4780' with 10 to 14% porosity. Minor gas increases and abundant oil shows were noted through this interval.

The R-5 top occurred at 4784'. Despite being penetrated with no significant gas or sample shows, logs indicate 10 to 15% porosity through a 5' section at 4790' to 4795'.

The G Sands were silty and poorly developed at the #43-7

location.

The B-1 Sands were topped at 5462'. This interval consisted of several thin porous sandstones separate by tight siltstones. A continuous 7' thick porosity section present from 5485' to 5492' averages 10% porosity and was penetrated with a 186 unit gas show. Additional B Pay was encountered from 5596' to 5602'. A 136 unit gas increase was noted along with unconsolidated oil stained sandstone in this zone.

The B-3 Sands were present from 5688' to 5704' with 8 to 12% porosity. A 350 unit total gas increase with a high percentage of heavy gases was recorded from the B-3. Samples were comprised of fine to medium unconsolidated sands with abundant black asphaltic staining.

Respectfully submitted,



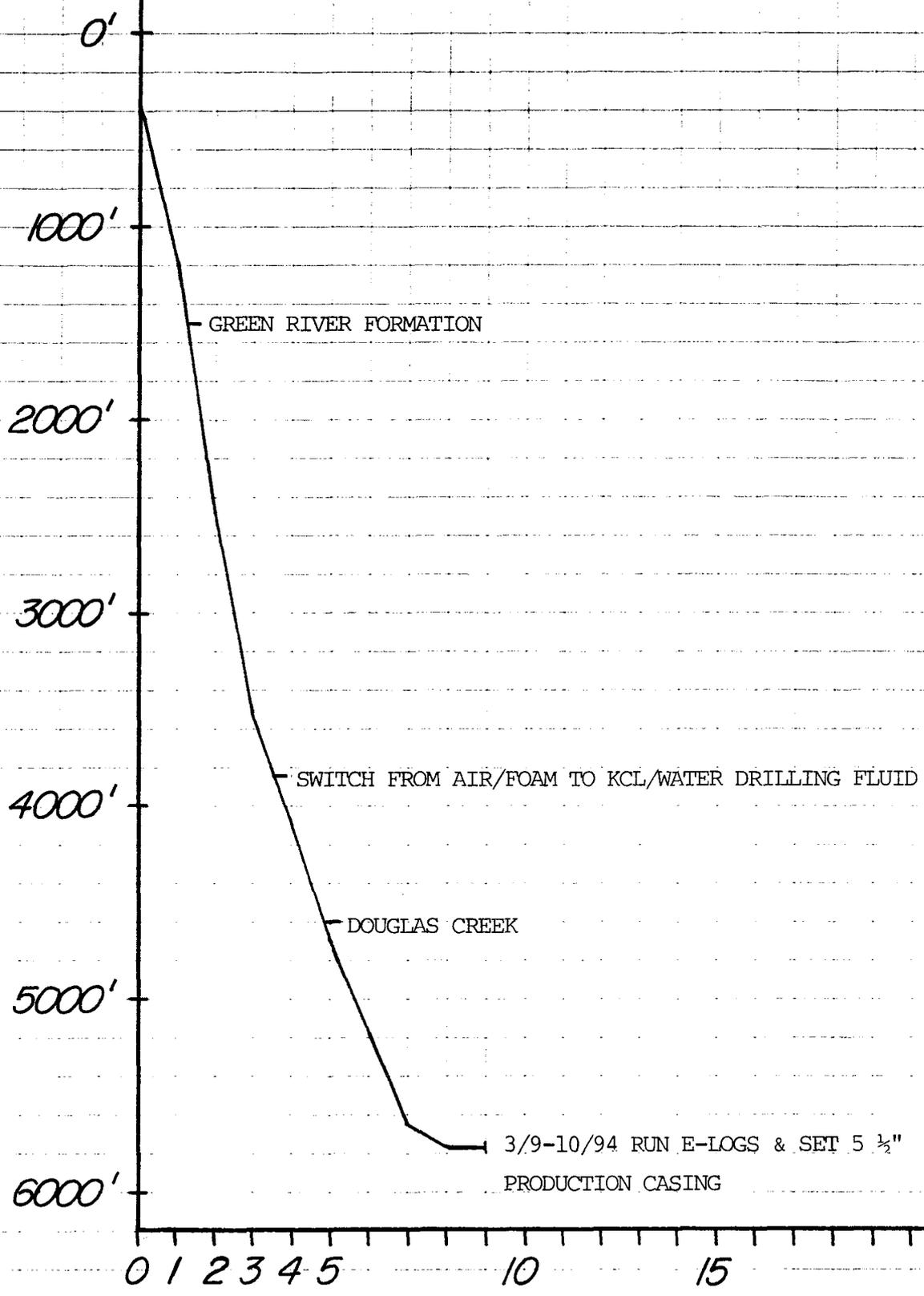
Roy E. Clement  
Wellsite Geologist

DAILY ACTIVITY

<u>DAY</u>	<u>DATE</u>	<u>DEPTH</u>	<u>PROG</u>	<u>BIT</u>	<u>WOB</u>	<u>RPM</u>	<u>PP</u>	<u>WT*</u>	<u>VIS</u>	<u>WL</u>	<u>ACTIVITY</u>	<u>FORMATION</u>
0	3/1	421'	0'	1	40	60	110	8.3	26	n/c	Rig up, drill	cement
1	3/2	1183'	762'	1	40	50	180	8.3	26	n/c	Drill ahead	Green R.
2	3/3	2485'	1302'	1	40	55	220	8.4	26	n/c	Drill ahead	Green R.
3	3/4	3495'	1010'	1	40	50	220	8.4	26	n/c	Drill ahead	Green R.
4	3/5	4075'	580'	2	43	65	800	8.4	26	n/c	Mud up	Garden G.
5	3/6	4661'	586'	2	43	60	800	8.4	26	n/c	Drill ahead	Douglas C.
6	3/7	5175'	514'	2	43	65	850	8.4	26	n/c	Drill ahead	G-Sands
7	3/8	5628'	453'	2	43	65	800	8.4	26	n/c	Trip for w/o	B-Sands
8	3/9	5750'	132'	2	43	65	800	8.4	26	n/c	Run E-Logs	B Zone

\*Note: drilled with air and foam from under surface casing to 3850', switched to KCL and Fresh water from 3850' to TD.

TIME vs DEPTH



DAYS

BIT RECORD

CONTRACTOR: UNION DRILLING, RIG #17

SPUD: 3/1/94 TOTAL DEPTH: 3/8/94 TOTAL ROTATING HOURS: 141.75

<u>BIT NO.</u>	<u>SIZE</u>	<u>TYPE/MAKE</u>	<u>JETS SIZE</u>	<u>SERIAL #</u>	<u>DEPTH OUT</u>	<u>FEET</u>	<u>HOURS</u>	<u>ACCUM HOURS</u>	<u>WOB</u>	<u>RPM</u>	<u>DEV</u>	<u>PP</u>	<u>T</u>	<u>B</u>	<u>G</u>
1	7 7/8	SEC M84CF	24 24 24	634847	3850'	3414'	64.50	64.50	40	50	-	220	3	3	I
2	7 7/8	SEC MAF	13 13 13	633392	5750'	1900'	77.25	141.75	43	60	-	800	3	3	I

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEVIATION</u>
472'	1 1/4 <sup>0</sup>
970'	1/2 <sup>0</sup>
1550'	3/4 <sup>0</sup>
2050'	1 1/4 <sup>0</sup>
2550'	1 1/4 <sup>0</sup>
3050'	1 <sup>0</sup>
3550'	1 <sup>0</sup>
4050'	1 1/4 <sup>0</sup>
4550'	2 <sup>0</sup>
5065'	1 <sup>0</sup>
5700'	1 1/2 <sup>0</sup>

FORMATION TOPS AND STRUCTURAL RELATIONSHIPS

SUBJECT WELL: Monument Federal #43-7; NE SE Sec 7, T9S, R17E KB: 5409'  
OFFSET #1: MOCON #44-7; SE SE Sec 7, T9S, R17E KB: 5399'

<u>AGE and FORMATION</u>	<u>PROG</u>	<u>SAMPLE</u>	<u>E-LOG</u>	<u>DATUM</u>	<u>THICK</u>	<u>DIP TO OFFSET #1</u>
<b>TERTIARY</b>						
Uinta	Surface					
Green River	1479'	1480'	1484'	3925'	692'	-34'
Horsebench Ss	2175'	2180'	2176'	3233'	1632'	-30'
2nd Garden Gulch	3811'	3805'	3808'	1601'	284'	-26'
Y-2	4102'	4090'	4092'	1317'	12'	-19'
Y-5	4340'	4332'	4336'	1073'	22'	-25'
Yellow Marker	4437'	4432'	4432'	977'	7'	-24'
Douglas Creek	4600'	4596'	4597'	812'	82'	-26'
R-2	4689'	4680'	4679'	730'	105'	-19'
R-5	4777'	4748'	4784'	625'	10'	-36'
2nd Douglas Ck	4836'	4834'	4834'	575'	169'	-27'
Green Marker	5006'	5006'	5003'	406'	79'	-26'
G-4	5083'	5078'	5082'	327'	36'	-28'
G-5	5119'	5112'	5118'	291'	324'	-28'
Carbonate Mkr.	5435'	5440'	5442'	- 33'	8'	-36'
B-1	5465'	5466'	5462'	- 53'	30'	-26'
B-3	-----	5692'	5688'	-279'	16'	--

REFERENCE WELL

DIAMOND SHAMROCK  
MOCON #44-7  
SE SE SEC 7, T9S, R17E  
KB: 5399'

<u>AGE and FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>THICK</u>
<b>TERTIARY</b>			
Uinta	Surface		
Green River	1440'	3959'	696'
Horsebench Ss	2136'	3263'	1636'
2nd Garden Gulch	3772'	1627'	291'
Y-2	4063'	1336'	238'
Y-5	4301'	1098'	97'
Yellow Marker	4398'	1001'	163'
Douglas Creek	4561'	838'	89'
R-2	4650'	749'	88'
R-5	4738'	661'	59'
2nd Douglas Creek	4797'	602'	170'
Green Marker	4967'	432'	77'
G-4	5044'	355'	36'
G-5	5080'	319'	316'
Carbonate Marker	5396'	3'	30'
B-1	5426'	- 27'	---

## LITHOLOGY

Sample Program: All samples were lagged and caught by a two man mud logging crew. 50' samples were taken from 1400' to 3850' with 20' samples caught from 3850' to total depth. Additional timely samples were caught through potential zones of interest. Sample quality was fair to good except as noted. Descriptions begin at 1400' in the Uinta Formation.

1400' - 1480'      Sandstone: light to medium gray, clear, fine to medium grained, sub angular to angular, poor sorting, poor to fair consolidation, calcareous cement, Pyritic to Micaceous

Sample Top: Green River Formation @ 1480'

1480' - 1550'      Shale: light to medium gray, graybrown to orangebrown, soft to firm, blocky to platy, calcareous to dolomitic, trace Limestone

1550' - 1650'      Sandstone: light gray, clear, very fine to medium grained, sub rounded to sub angular, poor sorting, predominantly unconsolidated, Pyritic, interbedded with Shale: as above

1650' - 1750'      Shale: light to medium gray, orange to orangebrown, soft to firm, blocky to platy, calcareous, trace Pyrite, occasional interbeds of Sandstone: as above

1750' - 1900'      Shale: light to medium orangebrown, graybrown, soft to firm, blocky to sub platy, calcareous to dolomitic, abundant Pyrite, trace Dolomite: cream to tan, microcrystalline, firm, dense to chalky, argillaceous

1900' - 2000'      Shale: light to medium graybrown, orange to orangebrown, soft to firm, blocky to platy, calcareous to dolomitic, trace Pyrite and white Calcite crystals

2000' - 2180'      Shale: orange to orangebrown, graybrown, soft to firm, blocky to platy, dolomitic to calcareous, trace Calcite crystals and Pyrite

Sample Top: Horsebench Sandstone @ 2180'

2180' - 2225'      Sandstone: light brown to clear, Iron stained in part, slat and peppered, fine to medium grained, sub rounded to sub angular, poor sorting, poorly consolidated to unconsolidated, Micaceous

2225' - 2350'      Shale:      medium to dark brown, orangebrown, gray, firm, platy to blocky, calcareous to dolomitic

2350' - 2500'      Shale:      light to dark brown, orangebrown to graybrown, soft to firm, blocky to platy in part, calcareous to dolomitic, trace Pyrite and Calcite crystals

2500' - 2625'      Limestone:      cream to buff, crypto to microcrystalline, firm, dense to chalky, argillaceous, dolomitic, interbedded with Shale: as above

2625' - 2735'      Sandstone:      light brown, salt and peppered, very fine to fine grained, sub rounded to sub angular, fair sorting, poor to fair consolidation, calcareous cement, Bituminous to Micaceous, trace Pyrite, no fluorescence, occasional slow bluewhite halo to diffuse cut

2735' - 2800'      Shale:      light brown to graybrown, soft to firm, platy to blocky, calcareous to dolomitic, Pyritic, silty in part

2800' - 2925'      Limestone:      cream to tan, microcrystalline, firm, chalky to earthy, argillaceous to shaly, interbeds of Shale: as above

2925' - 2965'      Sandstone:      light gray to clear, salt and peppered, very fine to fine grained, sub rounded, fair sorting, poorly consolidated to unconsolidated, Pyritic to Micaceous, Bituminous in part

2965' - 3085'      Shale:      brown to orangebrown, firm, platy to blocky, calcareous, interbeds of Limestone: cream to tan, buff, microcrystalline, soft, chalky, argillaceous, trace brown asphaltic stain, no fluorescence, occasional slow bluewhite diffuse cut

3085' - 3150'      Siltstone:      light to medium gray, firm, calcareous, grading to very fine grained Sandstone

3150' - 3235'      Shale:      brown to orangebrown, graybrown, soft to firm, blocky to sub platy, calcareous to dolomitic, trace Pyrite

3235' - 3280'      Siltstone:      light to medium gray, graybrown, firm, calcareous, grading to very fine grained Sandstone in part

3280' - 3350'      Limestone:      white, cream to tan, microcrystalline, soft, chalky to fragmental in part, slightly argillaceous, rare interfragmental porosity, occasional slow bluewhite streaming to diffuse cut, interbedded with Shale: graybrown to brown, firm, blocky, calcareous

- 3350' - 3400'      Limestone: light brown to graybrown, cryptocrystalline, firm, dense to slightly chalky, argillaceous to dolomitic, interbeds of Shale: as above
- 3400' - 3585'      Sandstone: light gray, clear, salt and peppered in part, very fine to fine grained, sub rounded to sub angular, fair sorting, poorly consolidated to unconsolidated, calcareous cement in part, trace brown spotty oil stain, dull gold fluorescence, slow bluewhite streaming to diffuse cut, grading to Siltstone: light gray, firm, calcareous
- 3585' - 3630'      Shale: brown to orangebrown, graybrown, soft to firm, blocky to platy in part, calcareous to marly, trace Pyrite and Limestone
- 3630' - 3695'      Sandstone: clear, light gray, very fine to medium grained, sub rounded, poorly sorted, predominantly unconsolidated, trace Pyrite
- 3695' - 3750'      Shale: light to medium brown, soft to firm, blocky, very dolomitic and grading to Dolomite, silty in part
- 3750' - 3805'      Siltstone: light to medium gray, firm, calcareous, grading to very fine grained Sandstone

Sample Top: Second Garden Gulch @ 3805'

3805' - 3835'      Limestone: tan to cream, white in part, crypto to microcrystalline, soft to firm, chalky to fragmental, rare oolites, slightly argillaceous in part

3835' - 3850'      Siltstone: light to medium gray, firm, calcareous

Note: Trip @ 3850' and switch from Air/Foam to KCL/Water drilling fluid for remainder of hole.

3850' - 3910'      Siltstone: light to medium gray, firm, calcareous

Note: 20' samples beginning @ 3900'

3910' - 3960'      Shale: light to medium gray, graygreen to green, soft, platy to blocky, calcareous, interbedded with Limestone: tan to cream, buff, crypto to microcrystalline, soft to firm, dense to chalky, argillaceous to dolomitic

3960' - 4032'      Siltstone: light to medium gray, firm, calcareous, grading to Sandstone: light gray, clear, very fine to fine grained, sub rounded, fair sorting, predominantly unconsolidated

4032' - 4090'      Shale:      gray to graybrown, graygreen, soft to firm, platy to sub blocky, calcareous to dolomitic, silty in part, occasional interbeds of Limestone: light brown to cream, cryptocrystalline, soft, chalky, argillaceous

Sample Top: Y-2 @ 4090'

4090' - 4112'      Sandstone:      light gray to graybrown, very fine to medium grained, sub rounded to sub angular, poorly sorted, poorly consolidated to unconsolidated, calcareous cement, micaceous to silty and grading to Siltstone, tight, no visual porosity, rare brown spotty oil stain, no fluorescence, occasional bluewhite streaming to diffuse cut

4112' - 4180'      Siltstone:      light to medium gray, graybrown, firm, calcareous, Pyritic, grading to very fine grained Sandstone in part

4180' - 4198'      Shale:      brown to graybrown, soft, platy to blocky, calcareous, trace Limestone

4198' - 4214'      Sandstone:      clear to light gray, very fine to medium grained, sub angular, poor sorting, poorly consolidated, trace Pyrite, silty

4214' - 4256'      Siltstone:      light to medium gray, firm, calcareous, grading to very fine grained Sandstone in part

4256' - 4332'      Shale:      gray to graybrown, brown, soft to firm, platy to sub blocky, calcareous, trace Limestone: cream to tan, microcrystalline, soft to firm, earthy to chalky, argillaceous

Sample Top: Y-5 @ 4332'

4332' - 4360'      Sandstone:      tan to clear, very fine to fine grained, sub angular, fair sorting, predominantly unconsolidated, calcareous cement in part, abundant dark brown oil stain, slight scum of dark brown oil on reserve pit, moderate to bright yellowgreen fluorescence, immediate bright bluewhite streaming cut

4360' - 4390'      Siltstone:      light to medium gray, firm, calcareous

4390' - 4432'      Shale:      light to medium gray, graybrown, firm, blocky, calcareous to silty, interbedded with Limestone: tan, cream to buff, microcrystalline, soft, chalky to fragmental, occasional Ostracod fragments

Sample Top: Yellow Marker @ 4432'

- 4432' - 4438'      Sandstone: tan to clear, very fine to medium grained, sub angular, poor sorting, poor to fair consolidation, trace brown spotty oil stain, dull gold fluorescence, slow bluewhite diffuse cut
- 4438' - 4468'      Siltstone: light to medium gray, firm, calcareous, grading to Sandstone: as above
- 4468' - 4500'      Limestone: light brown to cream, microcrystalline, firm, dense to chalky, interbedded with Shale: light to medium gray, firm, blocky to platy, silty to calcareous
- 4500' - 4538'      Sandstone: light gray, clear, very fine to medium grained, sub angular, poor sorting, fair consolidation and calcareous cemented, Micaceous to Pyritic, silty and grading to Siltstone
- 4538' - 4596'      Siltstone: light to medium gray, firm, calcareous, grading to very fine grained Sandstone in part

Sample Top: Douglas Creek @ 4596'

- 4596' - 4620'      Shale: light to medium brown, graybrown, firm, platy to blocky, calcareous, trace Limestone: tan to cream, white in part, microcrystalline, soft, chalky, argillaceous
- 4620' - 4640'      Sandstone: tan, clear, very fine to medium grained, sub angular to sub rounded, poor sorting, poorly consolidated to unconsolidated, Micaceous, brown spotty oil stain, yellowgreen fluorescence, slow bluewhite diffuse cut
- 4640' - 4680'      Shale: light to medium gray, graybrown, firm, platy to sub blocky, slightly calcareous, trace Pyrite

Sample Top: R-2 @ 4680'

- 4680' - 4705'      Sandstone: light gray, very fine to fine grained, sub angular, fair sorting, fair consolidation, calcareous cement, silty and grading to Siltstone, possible fracture @ 4705'
- 4705' - 4748'      Siltstone: light to medium gray, firm to slightly hard, calcareous

Sample Top: R-5 @ 4748'

- 4748' - 4782'      Sandstone: light brown, clear, very fine to medium grained, sub rounded, poor sorting, poorly consolidated to unconsolidated, calcareous cement in part, silty in part, light brown oil stain through out, bright yellowgreen fluorescence, immediate

bright bluewhite streaming cut

- 4782' - 4806'      Shale:      light to medium gray, graybrown, firm to brittle, platy to sub blocky, calcareous to silty
- 4806' - 4834'      Shale:      light to medium brown, graybrown, soft, platy, calcareous to marly in part, abundant Pyrite

Sample Top: Second Douglas Creek @ 4834'

- 4834' - 4880'      Siltstone:      light to medium gray, firm to slightly hard, calcareous, grading to Sandstone: light gray, clear, very fine to fine grained, sub angular, fair sorting, poorly consolidated
- 4880' - 4920'      Shale:      light to medium gray, firm, platy to blocky, calcareous
- 4920' - 4940'      Siltstone:      light gray to graywhite, firm, calcareous, grading to Sandstone: light gray to graywhite, graybrown, very fine to fine grained, sub angular, fair sorting, poorly consolidated to unconsolidated, calcareous cement in part, trace brown spotty oil stain, dull gold fluorescence, slow bluewhite diffuse cut
- 4940' - 4980'      Shale:      light to dark brown, graybrown, firm, calcareous, blocky to fissile in part, carbonaceous in part, minor Limestone: cream to tan, microcrystalline, firm, chalky to earthy, argillaceous
- 4980' - 5006'      Siltstone:      gray to graywhite, firm to slightly hard, calcareous, grading to very fine grained Sandstone in part

Sample Top: Green Marker @ 5006'

- 5006' - 5040'      Shale:      brown to graybrown, soft to firm, blocky to platy, calcareous to silty, trace Pyrite
- 5040' - 5078'      Siltstone:      light to medium gray, graywhite, firm to slightly hard, calcareous, grading to very fine grained Sandstone in part

Sample Top: G-4 @ 5078'

- 5078' - 5112'      Sandstone:      light gray to graybrown, very fine grained, sub angular, well sorted, fair consolidation, calcareous cement, tight and grading to Siltstone, rare brown spotty oil stain, no fluorescence, occasional slow bluewhite diffuse cut

Sample Top: G-5 @ 5112'

- 5112' - 5120'      Sandstone: light brown, clear, very fine to fine grained, sub angular, fair sorting, fair consolidation, calcareous cement, trace brown oil stain, dull gold fluorescence, slow bluewhite diffuse cut
- 5120' - 5160'      Shale: light to dark gray, dark brown, soft to firm, platy to blocky, carbonaceous in part, slight calcareous
- 5160' - 5200'      Shale: light gray, firm, platy, calcareous, silty in part
- 5200' - 5254'      Shale: light to medium gray, firm to slightly hard, blocky to platy, fissile in part, slightly calcareous, silty in part, trace Pyrite
- 5254' - 5304'      Shale: dark graybrown to black, soft to firm, blocky to platy, fissile in part, very slightly calcareous, trace finely disseminated Pyrite, carbonaceous
- 5304' - 5346'      Shale: light to medium gray, firm, platy to blocky, calcareous to silty
- 5346' - 5386'      Shale: light to dark gray, blocky in part, soft to firm, platy to blocky, carbonaceous in part, trace Pyrite, slightly calcareous, silty in part
- 5386' - 5416'      Shale: dark brown to black, soft to firm, platy to blocky, carbonaceous, trace finely disseminated Pyrite
- 5416' - 5440'      Shale: dark brown to black, soft to firm, blocky, carbonaceous, calcareous to marly in part, abundant finely disseminated Pyrite

Sample Top: Carbonate Marker @ 5440'

- 5440' - 5448'      Limestone: light brown to cream, microcrystalline, firm, dense to chalky, slightly argillaceous
- 5448' - 5466'      Siltstone: light to medium gray, firm, calcareous

Sample Top: B-1 @ 5466'

- 5466' - 5494'      Sandstone: clear, light brown, fine to medium grained, sub rounded, fair sorting, predominantly unconsolidated, brown spotty oil stain, bright yellowgreen fluorescence, immediate bright bluewhite cut, silty in part
- 5494' - 5540'      Shale: light to medium gray, firm, platy to blocky, calcareous to silty, trace Pyrite

5540' - 5596'      Siltstone: light to medium gray, graywhite, firm, calcareous, grading to very fine grained Sandstone in part, interbeds of Shale: as above

5596' - 5606'      Sandstone: clear to light brown, fine to medium grained, sub rounded to sub angular, fair sorting, predominantly unconsolidated, brown spotty oil stain, bright yellowgreen fluorescence, moderate yellowgreen streaming to diffuse cut

5606' - 5628'      Siltstone: light to medium gray, firm, calcareous

Note:              Trip for wash out @ 5628'.

5628' - 5660'      Siltstone: light to medium gray, firm, calcareous, very poor sample after trip, abundant cavings

5660' - 5692'      Shale: light to medium gray, graybrown, soft to firm, platy to blocky, calcareous to silty

5692' - 5708'      Sandstone: clear, fine to medium grained, sub rounded, fair sorting, unconsolidated, abundant black asphalt, bright bluewhite fluorescence, immediate bright bluewhite cut

5708' - 5750'      Shale: light to medium gray, soft to firm, platy to blocky in part, calcareous to silty, occasional thin interbeds of Sandstone: light graywhite, clear, salt and peppered, very fine to medium grained, sub angular to sub rounded, poor sorting, poorly consolidated, calcareous cement in part, tight and silty

Note:              Driller's total depth at 5750'. Circulate and condition hole for logging.

LOGGING REPORT

Logging Company: Schlumberger    Engineer: Mike Jardon    Date: 3/8-9/94

Witnessed by: Roy Clement and Al Plunkett

Driller's TD Depth:        5750'                      Logger's TD Depth:        5750'

Driller's Casing Depth:   411'                      Logger's Casing Depth:   411'

Elevation:                GL: 5399'        Sub: 10'        KB: 5409'

Mud Conditions:        Wt: 8.4        Vis: 26        WL: n/c  
BHT: 143<sup>0</sup> F

Hole Conditions:        Good

Logging Time:            Time Arrived: 1630 hrs    First Tool in Hole: 1830 hrs  
Last Tool Out: 1400 hrs    Time of Departure: 1600 hrs

Electric Logging Program:

- 1.) Integrated Porosity Lithology Log with Gamma Ray and Caliper from 5747' to 2500'.
- 2.) Azimuthal Laterlog with Gamma Ray from 5735' to 416'.
- 3.) Dual Laterlog with Gamma Ray from 5735' to 3900'.
- 4.) RFT-GR at selected intervals; few pressures obtained due to difficulty in achieving seal.
- 5.) Mechanical Sidewall Cores at 5702'; 5693'; 5486'; 4794'; 4712'; 4350'; 4341'.

Log Tops:    Green River Formation @ 1484'; Horsebench Ss @ 2176'; Second Garden Gulch @ 3808'; Y-2 @ 4092'; Y-5 @ 4336'; Yellow Marker @ 4432'; Douglas Creek @ 4597'; R-2 @ 4794'; R-5 @ 4784'; Second Douglas Creek @ 4834'; Green Marker @ 5003'; G-4 @ 5082'; G-5 @ 5118'; Carbonate Marker @ 5442'; B-1 @ 5462'; B-3 @ 5688'; Total Depth @ 5700'.

Zones of Interest:    Y-5 @ 4336' to 4358': 22' with 10-14% porosity  
                              Yellow Marker @ 4431' to 4438': 7' with 18-21% porosity  
                              R-2: poorly developed, thin beds of 11-14% porosity  
                              R-5 @ 4790' to 4795': 5' with 10-15% porosity  
                              B-1 @ 5485' to 5492': 7' averaging 10% porosity

B-3 @ 5688' to 5704': 16' with 8-12% porosity

Note: The following pages contain log excerpts over zones of interest.

**COMPANY: BALCRON OIL COMPANY**

**WELL: MONUMENT FEDERAL #43-7**

**FIELD: MONUMENT BUTTE**

**COUNTY: DUCHESNE STATE: UTAH**

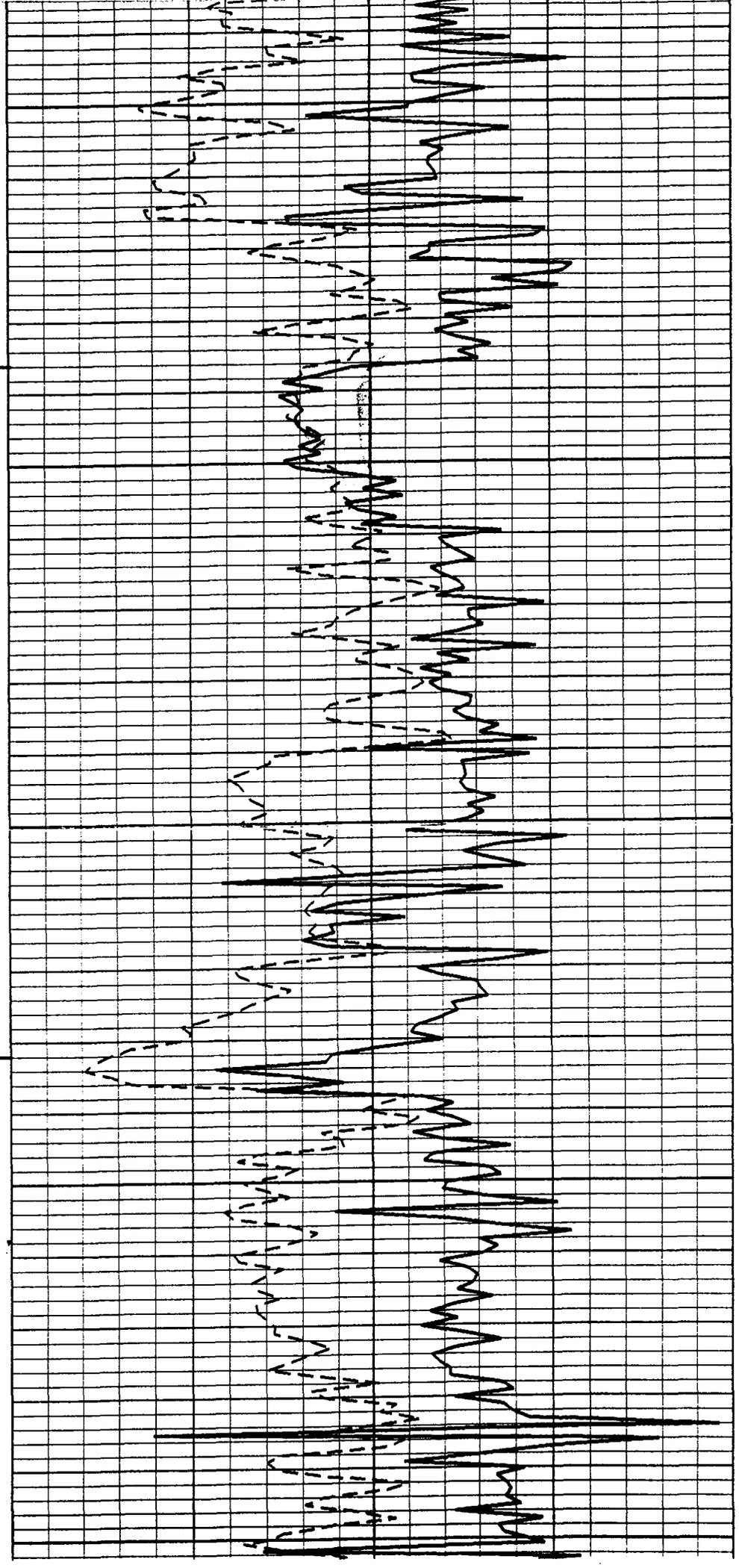
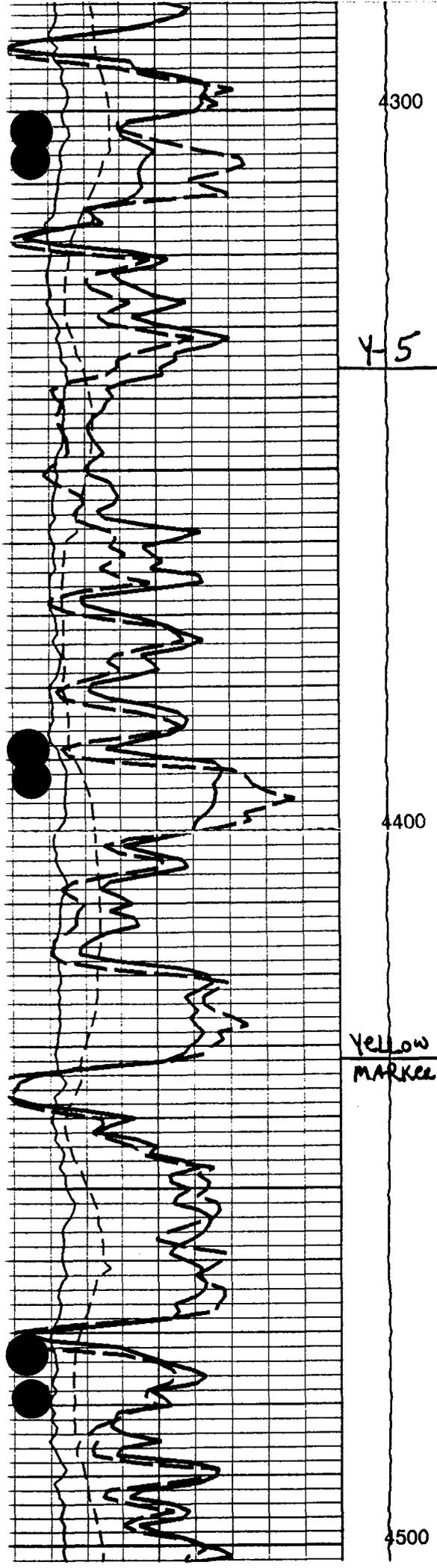
**Schlumberger**

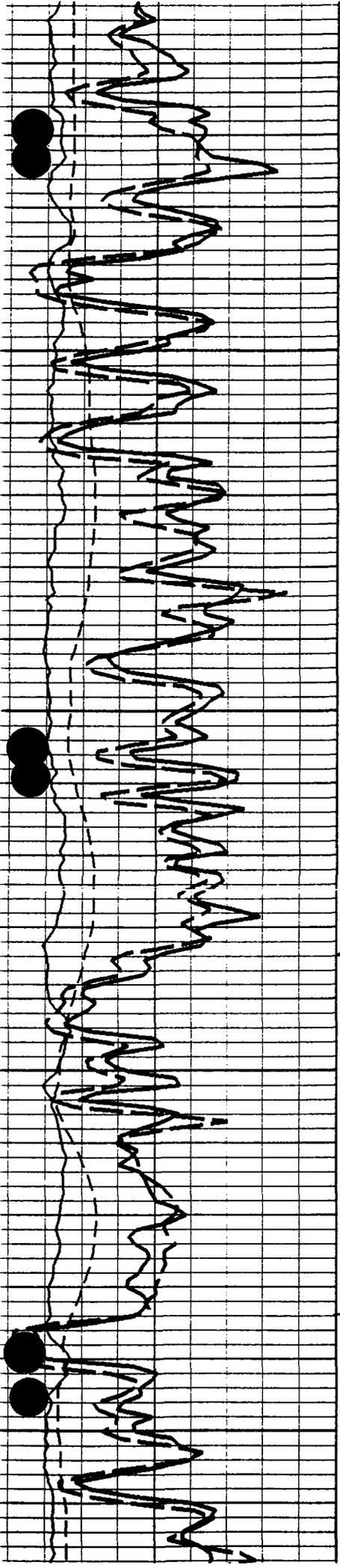
**INTEGRATED POROSITY  
LITHOLOGY LOG**

COUNTY: DUCHESNE  
Field: MONUMENT BUTTE  
Location: MONUMENT BUTTE  
Well: MONUMENT FEDERAL #43-7  
Company: BALCRON OIL COMPANY

1850' FSL & 850' FEL		Elev.: K.B. 5409 F	
		G.L. 5399 F	
		D.F. 5408 F	
Permanent Datum:	GROUND LEVEL	Elev.: 5399 F	
Log Measured From:	KB	10.0 F above Perm. Datum	
Drilling Measured From:	KB		
API Serial No.	SECTION 7	TOWNSHIP 9S	RANGE 17E

Logging Date	3-8-94		
Run Number	1		
Depth Driller	5750 F		
Schlumberger Depth	5750 F		
Bottom Log Interval	5747 F		
Top Log Interval	2500 F		
Casing Driller Size @ Depth	8.625 IN	@	411 F
Casing Schlumberger	411 F		
Bit Size	7.875 IN		
Type Fluid In Hole	KCL WATER		
Density	Viscosity	8.4 LB/G	
Fluid Loss	PH		
Source Of Sample	MUD TANK		
RM @ Measured Temperature	0.491 OHMM	@	65 DEGF
RMF @ Measured Temperature	0.491 OHMM	@	65 DEGF
RMC @ Measured Temperature		@	
Source RMF	RMC	MEAS	NO SAMPLE
RM @ BHT	RMF @ BHT	0.240 @ 140	0.240 @ 140
Maximum Recorded BHT	140 DEGF		
Circulation Stopped	Time	3-8-94	14:00
Logger On Bottom	Time	3-8-94	18:30
Unit Number	Location	2009	CASPER
Recorded By	M. JARDON		
Witnessed By	ROY CLEMENT, AL PLUNKETT		





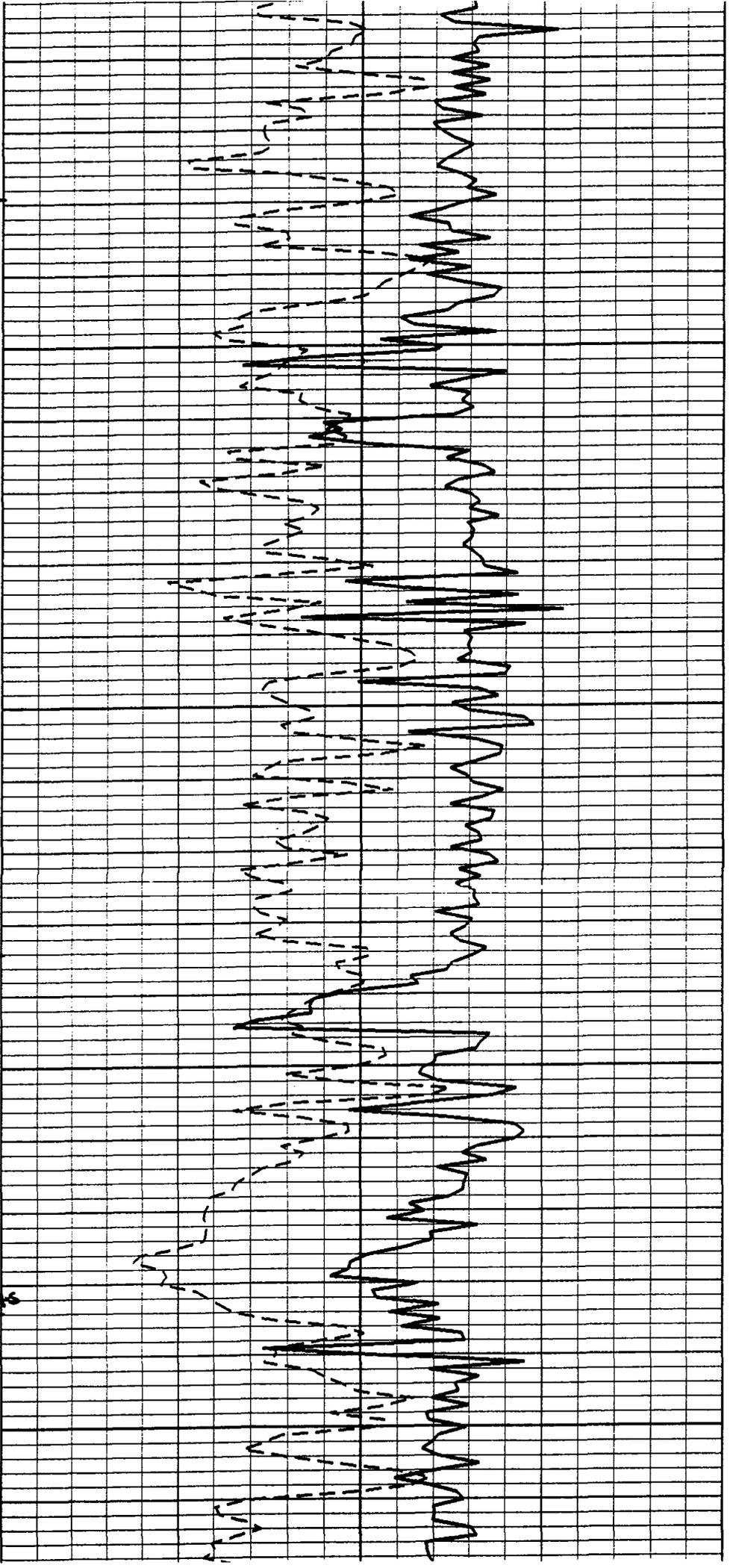
R-2

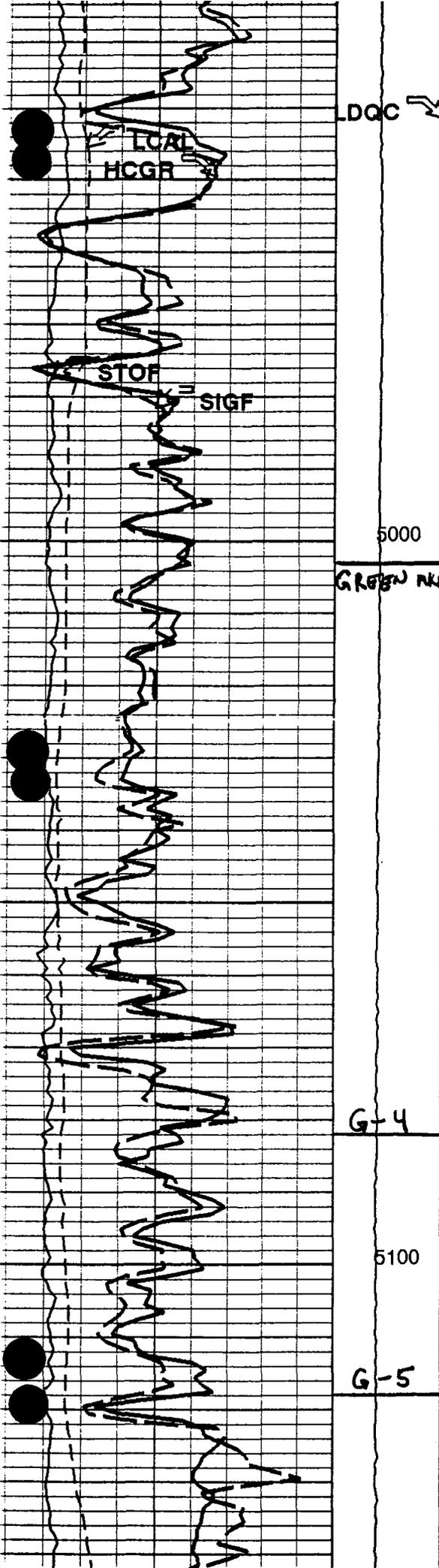
4700

R-5

4800

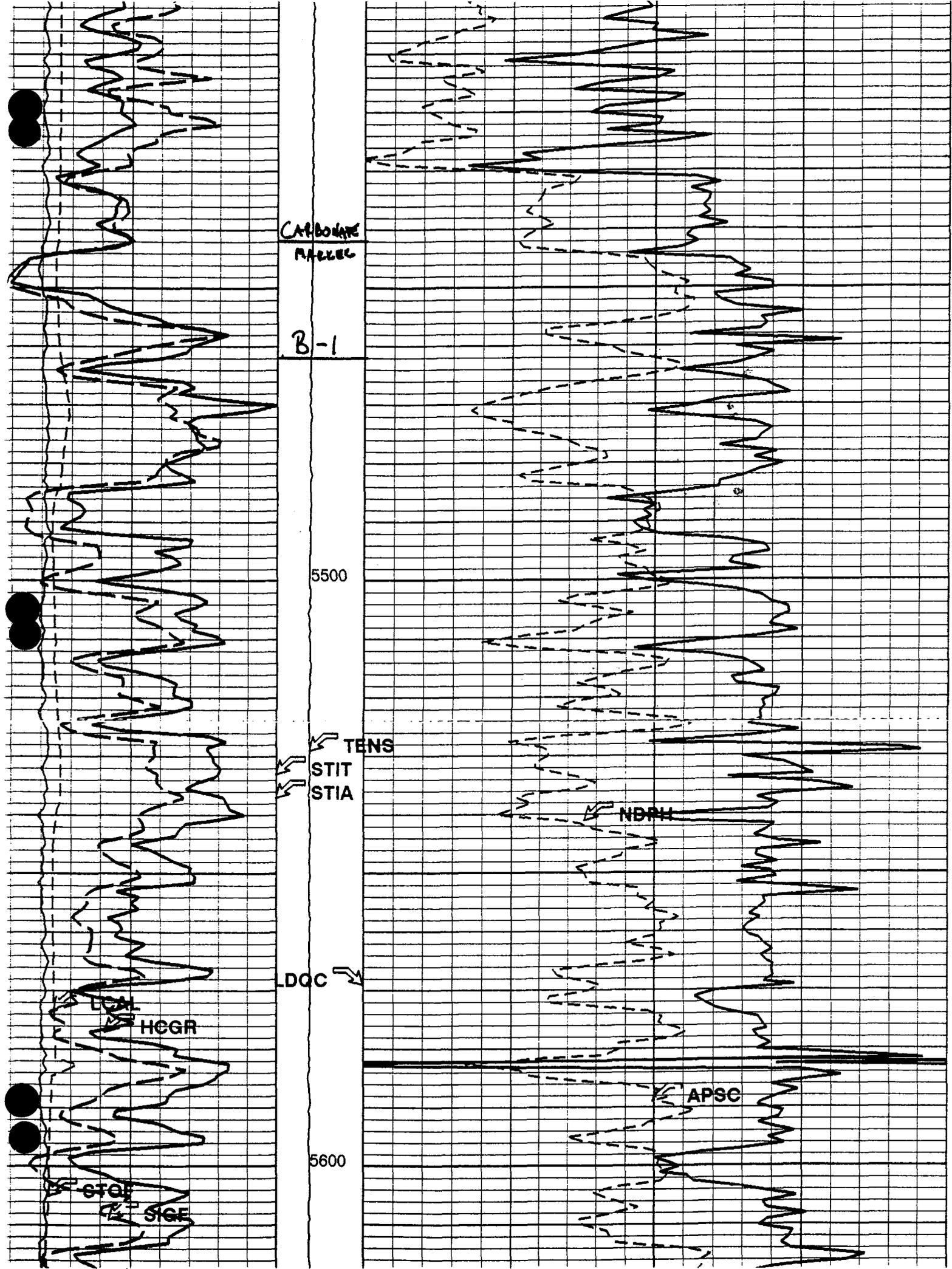
2<sup>nd</sup> Douglas  
CREEK





DQC

APSC



CARBONATE  
MARBLE

B-1

5500

TENS  
STIT  
STIA

NDPH

DQC

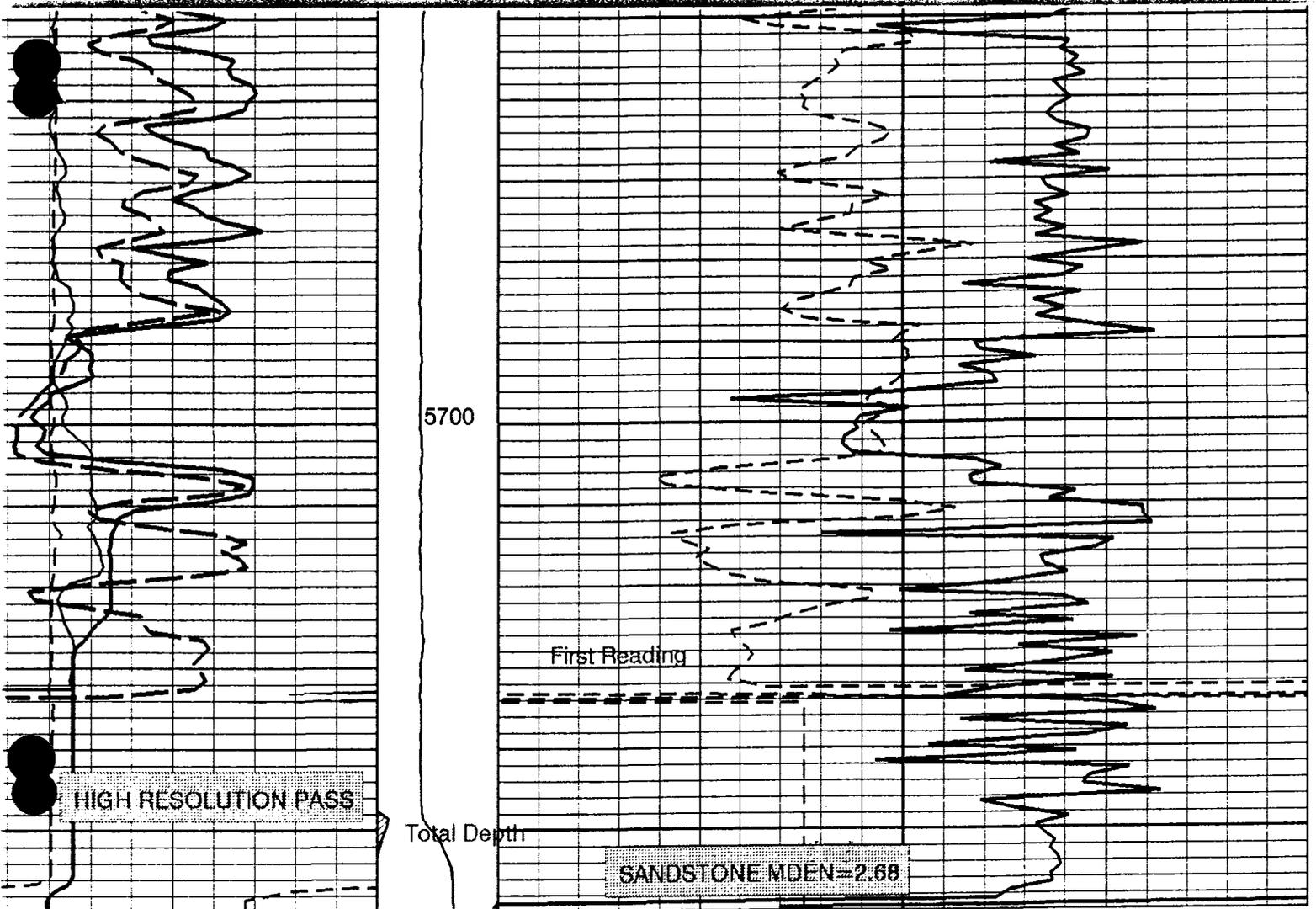
HGR

APSC

5600

STOI

SGE



APS Computed Standoff (STOF) (IN) 4.0	Tension (TENS) (LBF) 5000.0	APS Epithermal Array Porosity Sandstone Corrected (APSC) (PU) 30.0 -10.0
LDS Caliper (LCAL) (IN) 16.0	Cable Drag From STIA to STIT 0.3	LDS Enhanced Density Porosity (NDPH) (V/V) -0.1
Sigma Formation (SIGF) (CU) 40.0	Tool/Tot. Drag From D3T to STIA	
Uranium free GR (HCGR) (GAPI) 150.0	Stuck Stretch (STIT) (F) 0.0 50.0	
	LDQC From LDS DENSITY QUALITY to D3T	

PIP SUMMARY

Integrated Hole Volume Minor Pip Every 10.0 F3



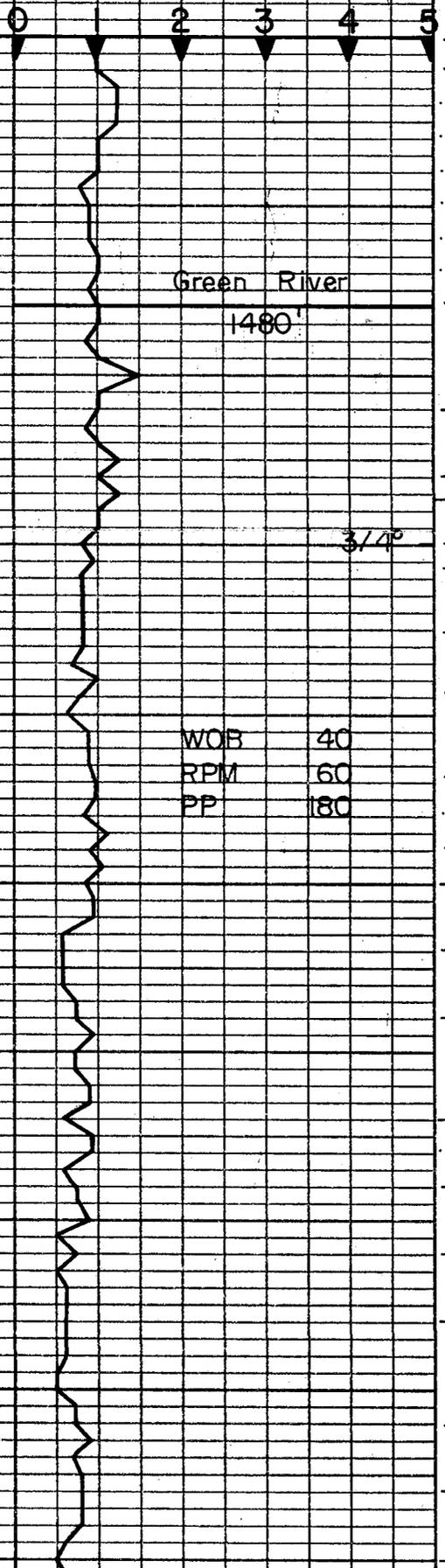
LOG TOPS

Sample Tops

8 5/8" Surface Casing  
set at 421'

Drig 7 7/8" Borehole  
w/ Bit M84CF in at  
421'

GREEN RIVER  
1484' (3925')



1400  
P  
P  
L  
1500  
I  
I  
L  
L  
P  
1600  
P  
L  
P  
1700  
L  
P  
1800  
L  
P

50' samples tagged & caught by mud loggers from 1400'

Ss lt-m gy clr f-m gr sub ang-ang p srt p-fr consol calc cmt Pyr-Mica

Sh lt-m gy gybrn - orngbrn sft - frm blkly - plty calc - dol tr Ls

3/4°

Ss f gy clr vf - m gr sub rnd - sub ang p srt pred inconsol Pyr

WOB 40  
RPM 60  
PP 180

Sh lt-m gy orng - orngbrn sft - frm blkly - plty calc tr Pyr occ Intbd of Ss

Sh lt-m orngbrn gybrn sft - frm blkly - sub plty calc - dol abnt Pyr



WOB 40  
 RPM 55  
 PP 220  
 1 1/4"



2500

L

L

L

Ls crm - buf arp -  
 mixl frm dhs - chky  
 arg - dol

2600

L

P

Ss If brn s & p vf =  
 f gr sub rnd - sub ong  
 fr srt p - fr consol calc  
 cmf Bit - Mica fr Pyr  
 no flor occ slo bluw  
 halo - dif cut

2700

P

L

L

P

Sh If brn - gybrn srt -  
 frm pity - bkky calc - dol  
 Pyr sity ip

2800

L

L

L

Ls crm - tn mixl frm  
 chky - rthy arg - shly

2900

L

P

Ss If gy - clr s & p  
 vf - f gr sub rnd fr srt  
 p consol - unconsol  
 Pyr - Mica Bit ip

3000

L

Sh brn - orndbrn frm  
 pity - bkky calc

L

L

L

s crm - tn buf  
 mixl srt chky arg fr brn  
 asph sin no flor occ slo  
 bluw dif cut

3100



3150 Siltst lt - m gy frm calc  
grdg to vf gr Ss

3200 Sh brn - orngbrn gybrn  
sft - frm blk - sub pty  
calc - dol tr Pyr

3300 LS wh crm - tn micxl  
sft chky - frag ip sl drg  
rr intrfrag no flr occ  
slo bluwht stmg - dif cut

3400 Sh gybrn - brn frm blk  
calc

3500 Ss lt gy clr s & p ip  
vf - f gr sub rnd - sub  
ang fr sft p consol -  
unconsol calc cmf ip fr brn  
spty o stm dull gold flr  
slo bluwht stmg - dif cut  
grdg to Siltst

3600 Sh brn - orngbrn gybrn  
sft - frm blk - pty ip  
calc - mry tr Pyr, ls

3700 Sh lt - m brn sft - frm  
blk v dol & grdg to  
dol sity

3/4/94

WOB 40  
RPM 50  
PP 220

NO ICI 3355 BUREAU OF MINERAL INVESTIGATION STRATA RECORDING SERVICE BUREAU OF MINERAL INVESTIGATION NO ICI 3355

2nd GARDEN GULCH  
3808' (1601')

Second Garden Gulch  
3805'

URANIUM FREE GR

Switch from Air/Foam  
to KCl/Water  
NB 2 MAF

Siltst It-m gy frm calc  
grdg to vf gr Ss

S In-crm wh ip crp -  
micxl sft-frm chky - frag  
rr bot sl arg ip

Siltst It-m gy frm calc

Sh It-m gy gygn - gn  
sft pty - blkyl calc

S In-crm buf crp -  
micxl sft-frm dns-chky  
arg-dot

Ss It gy dr vf-f gr  
sub rnd fr sft pred  
unconsol

Siltst It-m gy frm calc

Sh gy-gybrn gygn sft -  
frm pty-sub blkyl calc -  
dot slty ip

S It brn crm crpxl  
sft chky arg

0 150  
2" = 100'  
5" = 100'

WOB 43  
RPM 65  
PP 800

1 1/4°

-3/5/94

Y=2

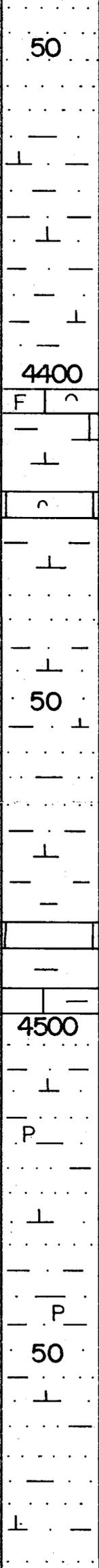


Y-5  
4336' (1077')

YELLOW MKR  
4432' (977')

Yellow Marker  
4432'

2°



unconsol calc cnt ip  
abnt dk brn o str sl scum  
of o on pit mod-brl yeigh  
flor lmm br bluw stmg  
cut

Sltst lt-m gy frm calc

Sh lt-m gy gybrn frm  
biky calc slty

Ls ln crm - buf mixl  
sft chky - frag occ Ost  
frag

Ss ln - clr vf - m gr  
sub ang p srt p-fr consol  
tr brn sply o sin dull gold  
flor slo bluw dif cut

Sltst lt-m gy frm calc

Sh lt-m gy frm biky -  
pty sly calc

Ls lt brn - crm mixl  
frm dns - chky

Ss lt gy clr vf - m gr  
sub ang p srt fr consol  
calc cnt mica - pyr sly &  
grdg to Sltst

Sltst lt - m gy frm calc  
grdg to vf gr Ss lp

Douglas Creek

4596'

DOUGLAS CK  
4597' (812')

WOB 43  
RPM 60  
PP 800

-376794

R-2

4680'

R-2  
4679' (730')

R-5

4748'

R-5  
4784' (625')

Second Douglas CK

4834'

2nd DOUGLAS CK  
4834' (575')

4600

Sh lt-m brn gybrn frm  
pty - biky calc

S ln-crm wh ip crpxl  
stf chky arg

Ss ln clr vf-m gr sub  
ang - sub rnd p srt  
p consol - unconsol Mica  
brn sply o stn yelgn flon  
slb bliwh dif cut

50

Sh lt-m gy gybrn frm  
pty - sub biky sl calc  
fr Pyr

Ss lt gy vf-f gr sub ang  
fr srt fr consol calc cmt  
sity & grdg to stst pos  
frac at 4705'

4700

Sstst lt-m gy frm - sl hd  
calc

50

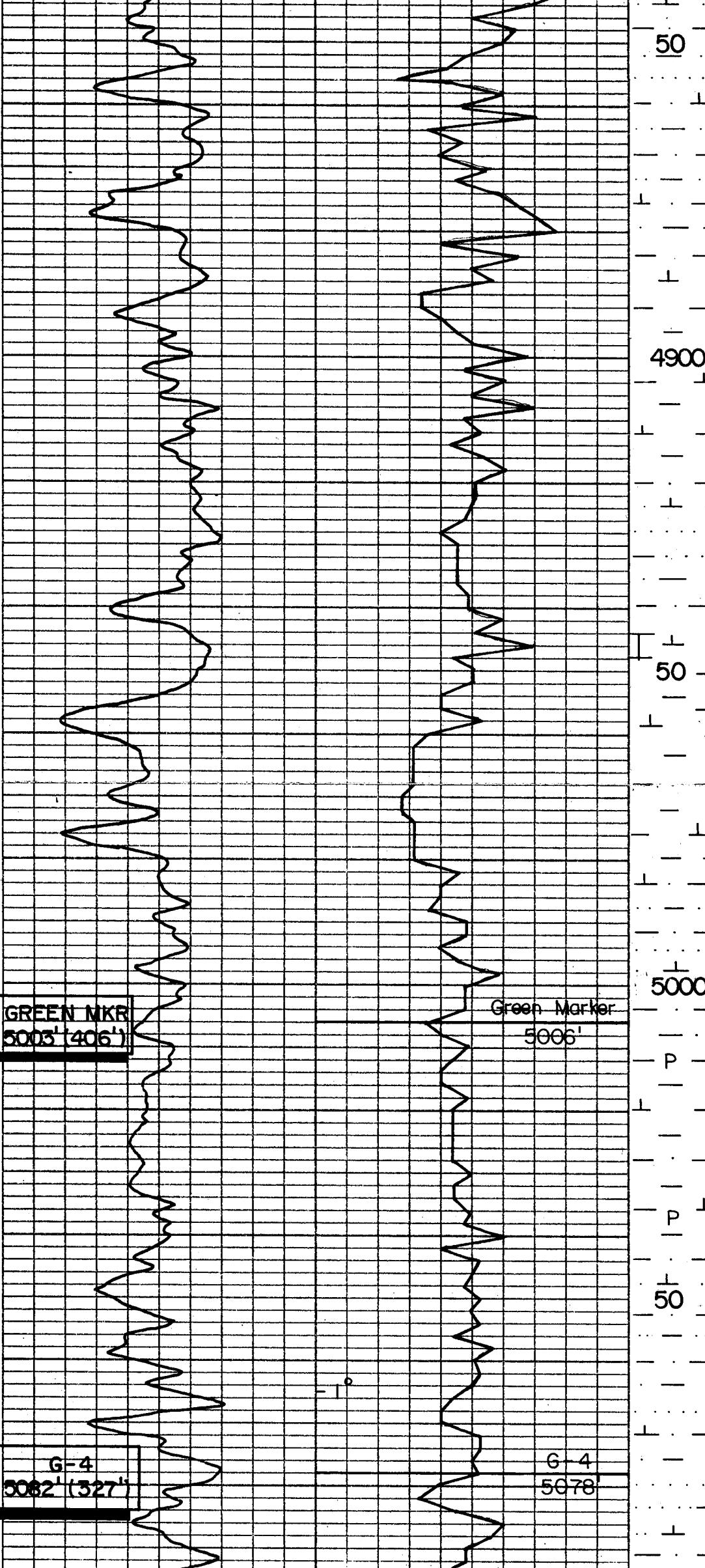
Ss lt brn clr vf-m gr  
sub rnd p consol - unconsol  
calc cmt ip sity ip lt brn  
p stn thru out bri yelgn  
flon imm bri bliwh stng cut

4800

Sh lt-m gy gybrn frm -  
brif pty - sub biky calc -  
sity

Sh lt-m brn gybrn stf  
pty calc - mrlly ip abnt Pyr

Sstst lt-m gy frm - sl hd



**GREEN MKR**  
5003' (406')

Green Marker  
5006'

**G-4**  
5082' (327')

**G-4**  
5078'

50

4900

50

5000

50

calc grdg to Ss lf gy br  
vf-f gr sub ang fr srt  
p consol

Sh lf-m gy frm pity -  
blky calc

Sltst lf gy-gywh frm calc  
grdg to Ss lf gy-gywh  
gybrn vf-f gr sub ang  
fr srt p consol - unconsol  
calc cnt ip tr brn sply orstr  
dull gold flor sto blwh dif  
cut

Sh lf-dk brn gybrn frm  
calc blky-fis ip carb ip  
mnr lis crm-in micxl  
frm chky-rthy arg

Sltst gy-gywh frm-hd  
calc grdg to vf gr Ss

Sh brn-gybrn sft-frm  
blky-pity calc-sly  
fr Pyt

Sltst lf-m gy gywh frm -  
sl hd calc grdg to vf  
gr Ss ip

Ss lf gy-gybrn vf gr  
sub ang w srt fr consol  
calc cnt tt & grdg to Sltst

G-5  
5118' (29')

G-5  
5112'

-3/7/94

WOB 43  
RPM 65  
PP 850

5100

50

5200

50

5300

pcd sb bluwht dif cut

Ss lt brn clr vf-f gr  
sub ang fr srt fr consol  
calc cmt tr brn oistn dull  
gold fib st bluwht dif cut

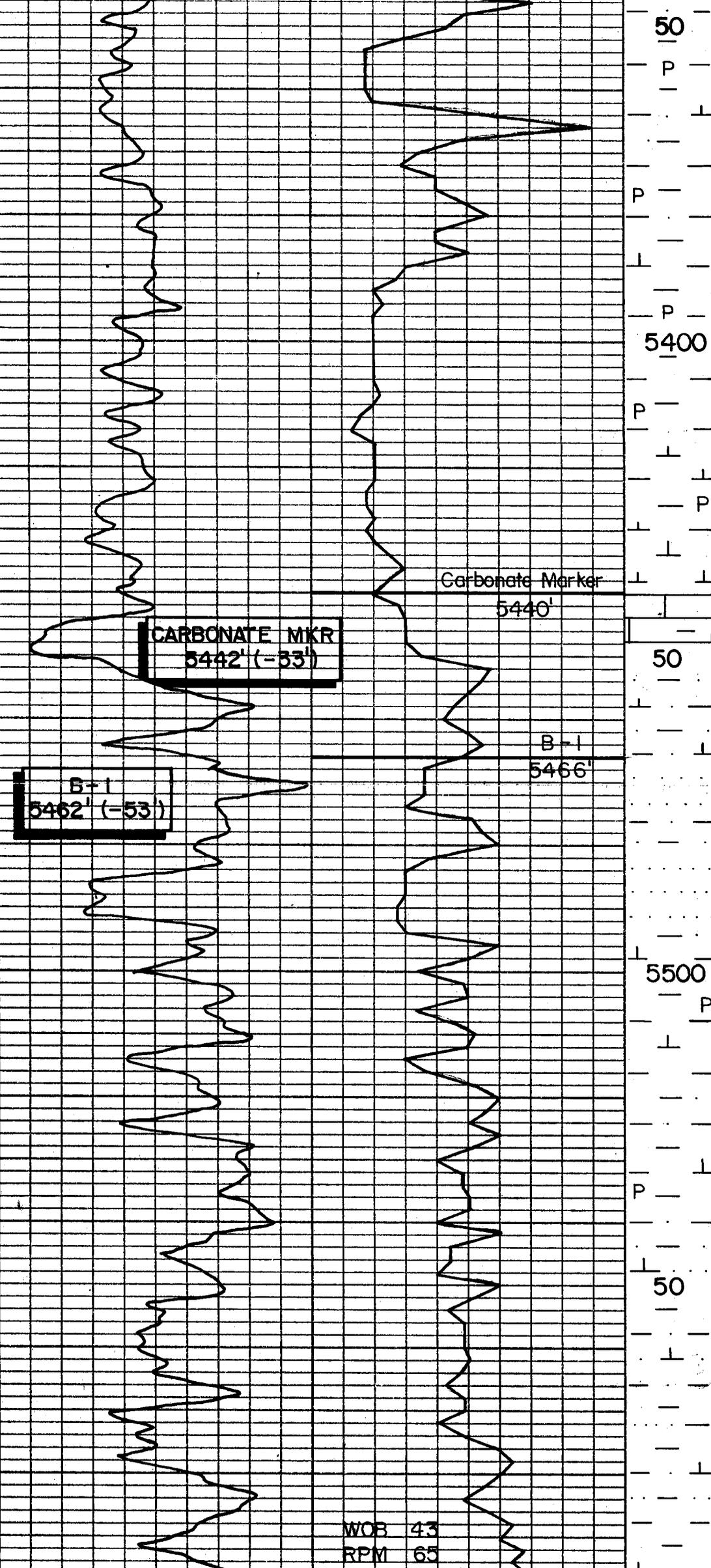
Sh lt-dk gy dk brn  
sft-frn plty-biky carb ip  
sl calc

Sh lt gy frn plty  
calc slty ip

Sh lt-m gy frn -  
sl hd biky-plty fis ip  
v sl calc tr Pyr slty ip

Sh dk gybrn - blk sft-  
frn biky-plty fis ip  
v sl calc tr dis Pyr carb

Sh lt-m gy frn plty -  
biky calc - slty



50  
P  
Sh lt-dk gy blk ip  
sft-frn pty - biky carb ip  
tr Pyr sl calc sity ip

5400  
P  
Sh dk brn - blk sft-frn  
pty - biky carb fr dis  
Pyr

Sh dk brn - blk sft-frn  
biky carb calc - mty ip  
abnt dis Pyr

Carbonate Marker  
5440'

50  
s lt brn - crm mlxt  
frn dns - chky sl arg

5462' (-53')  
B-1  
5466'

50  
Slst lt - m gy frn calc

Ss clr lt brn f-m gr  
sub rnd fr srt pred  
undconsl brn sply o str  
bri yelgn flor lmm bri bluw  
cut

5500  
P  
Sh lt - m gy frn pty -  
biky calc - sity tr Pyr

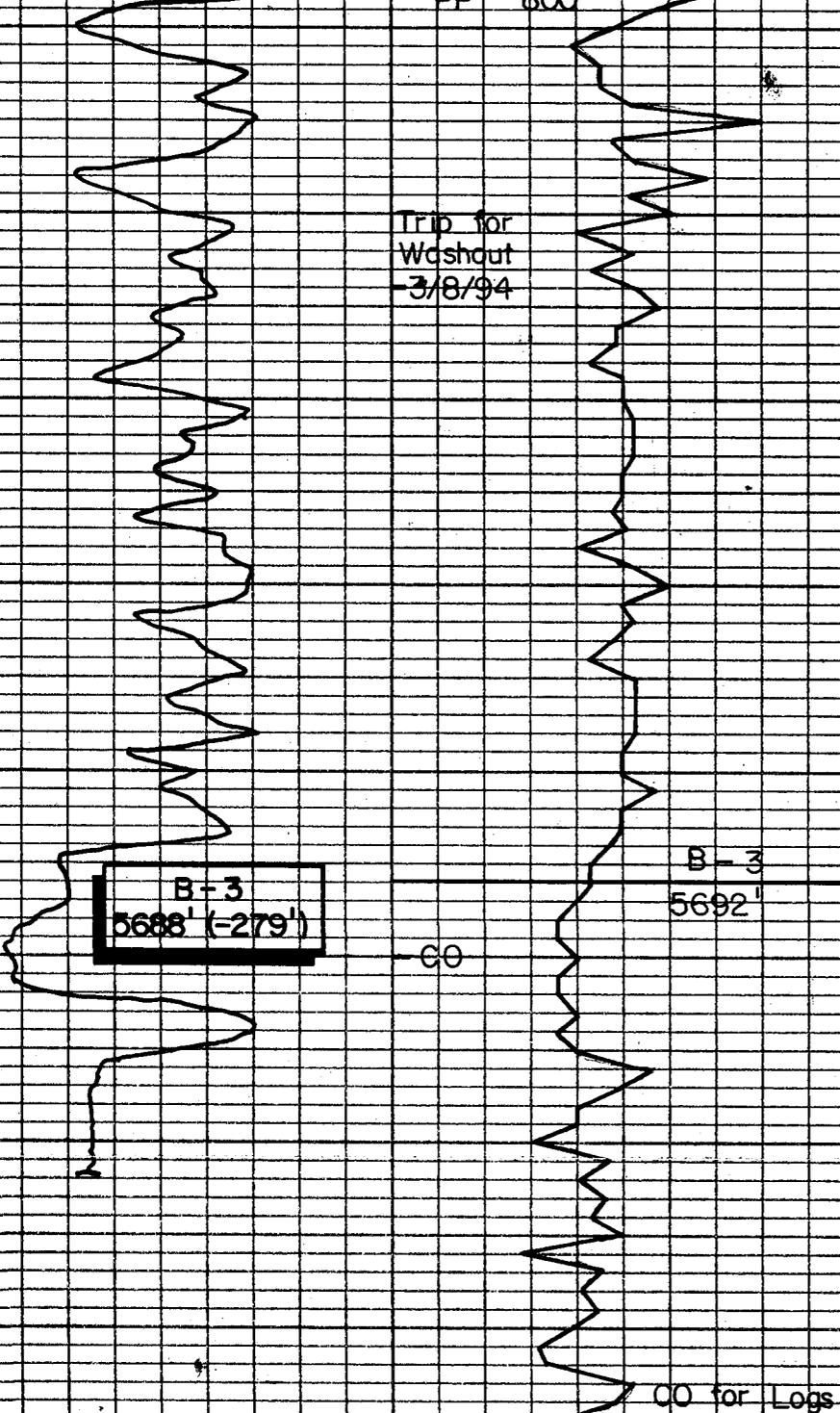
50  
Slst lt gy - gywh frn  
calc grdg to vt gr Ss ip

ОИТРОТС СОВЪОРЪТИИ ВУЛЪГО МЕВ ЛОНК NO IC1 33SS

СЪЛЪЛЪ ИК 034

СТЪЛЪЛЪ СЪЛЪЛЪ СЪЛЪЛЪ

СЪЛЪЛЪ СЪЛЪЛЪ СЪЛЪЛЪ



TOTAL DEPTH: 5750' DRILLER  
 5750' LOGGER

5600  
 Ss clr = lt brn f = m gr  
 sub rnd = sub ang fr srt  
 pred unconsol brn sply o  
 srt bri yeign flor mrd  
 yeign string = dif cut

50

Sh lt = m gy gybrn srt -  
 frm pty = blk calc = slty

5700  
 Ss clr f = m gr sub rnd  
 fr srt unconsol abnt blk  
 asph pri blwht flor imm  
 bri blwht cut

50  
 Sh lt = m gy srt - frm  
 pty = blk ip calc = slty  
 occ thin intods of Ss lt gy  
 s & p vt = m gr sub ang =  
 sub rnd p srt p consol  
 calc cmt ip tt slty

3/9-10/94 Run E-Logs,  
 Set 5 1/2" Prod Csg

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well    Gas Well    Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

NE SE Section 7, T9S, R17E  
1850' FSL, 850' FEL

5. Lease Designation and Serial No.

UTU-72106

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Monument Federal

9. API Well No.

43-013-31432

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

#43-  
7

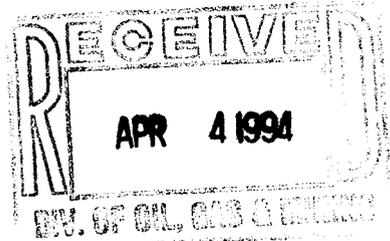
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

First production on this well was on 3-30-94 at 2:55 p.m.



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

Signed Bobbie Schuman

Regulatory and  
Title Environmental Specialist

Date 3-31-94

(This space for Federal or State office use)

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

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

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

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY - 2 1994

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.  
UU-72106

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

7. If Unit or CA, Agreement Designation  
n/a

8. Well Name and No.  
Balcon Monument Federal #43-7

9. API Well No.  
43-013-31432

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

11. County or Parish, State  
Duchesne County, Utah

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NE SE Section 7, T9S, R17E  
1850' ESL, 850' FEL

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

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

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

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

Attached is the Site Security Diagram for this well.

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 4-29-94

(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

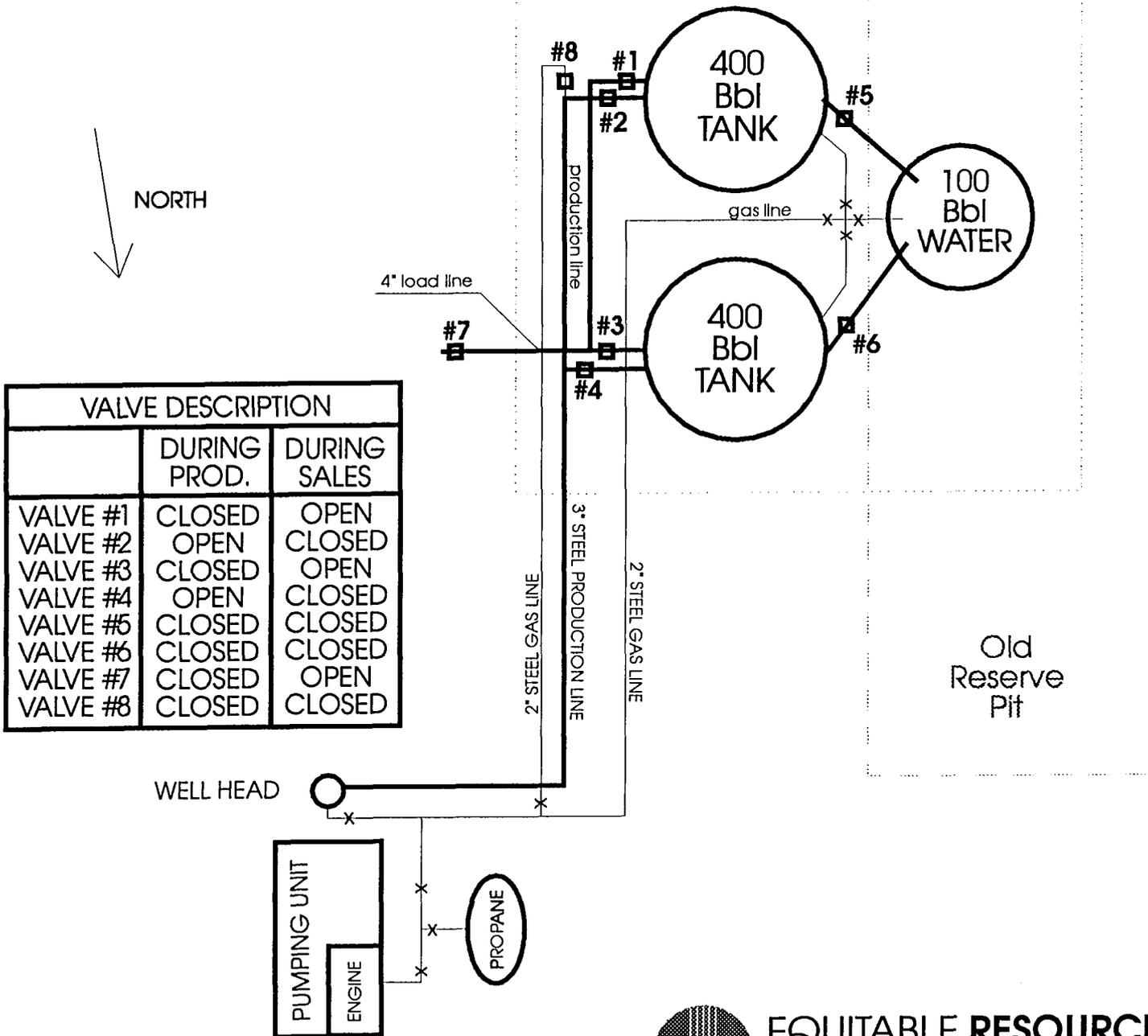
# Equitable Resources Energy Company Balcron Monument Federal 43-7 Production Facility Diagram

Balcron Monument Federal 43-7  
NE SE Sec. 7, T9S, R17E  
Duchesne County, Utah  
Federal Lease #JTU-72106  
1850' FSL, 850' FEL

ACCESS ROAD

NORTH

DIKE



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

RECEIVED  
MAY - 2 1994

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

1. Well name and number: Balcron Monument Federal #43-7  
API number: 43-013-31432
2. Well location: QQ NE SE section 7 township 9S range 17E county Duchesne
3. Well operator: Equitable Resources Energy Company, Balcron Oil Division  
Address: P.O. Box 21017 phone: (406) 259-7860  
Billings, MT 59104
4. Drilling contractor: Union Drilling  
Address: Drawer 40 phone: (304) 472-4610  
Buckhannon, WV 26201

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

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

6. Formation tops: Geological Report submitted separately.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

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

Name Bobbie Schuman Signature Bobbie Schuman  
Title Regulatory and Environmental Specialist Date 4-29-94

Comments:

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #43-7

Location: NE SE Section 7, T9S, R17E

Duchesne County, Utah

1850' FSL, 850' FEL

PTD: 5,700' Formation: Green River

Monument Butte Field

Elevations: 5399.4' GL, 5409.4' KB

Contractor: Union Drilling Rig #17 (10' KB)

Operator: Balcron/EREC

Spud: 2-23-94 @ 10 a.m. by Leon Ross

Casing: 8-5/8" 24# J-55 set @ 421' KB

5-1/2" 15.5# K-55 set @ 5,750' KB

Tubing: 2-7/8" 6.5# J-55 set @ 4866.64' KB

---TIGHT HOLE---

2-14/22-94 Work on and finish location.

2-23-94 Move Leon Ross Drillingon & spud well @ 10 a.m. Drill to 225.  
DC: \$34,008 CC: \$34,008

2-24-94 Finish drilling surface hole.

2-25-94 Run 10 jts 8-5/8" csg &amp; cmt by Western as follows:

Guide Shoe .60'

1 jt 8-5/8" 24# shoe jt 42.50'

Insert Float ----

9 jts 8-5/8" 24# J-55 csg 369.75'

412.85'

Csg set at 411.00' GL

Union Drilling KB (10') csg at 421.00' KB 3 centralizers.

Cmt w/250 sxs Class "G" w/2% CCL + 1/4#/sx Celoflakes. 8 bbls cmt  
returns. Plug down 1 p.m.2-26-94 Install pit liner & install well head.  
DC: \$4,100 CC: \$38,1083-2-94 TD: 1,200' (779') Day 1  
Formation: Uintah  
MW 8.3 VIS 26  
Present Operation: Drilling  
NU & test BOP & manifold to 2000# - OK. Test csg to 1500# - OK.  
PU collars & drill cmt. Survey & drill ahead.  
DC: \$11,276 CC: \$49,3843-3-94 TD: 2,500' (1,300') Day 2  
Formation: Green River  
MW 8.3 VIS 26  
Present Operation: Drilling  
Drill, survey, & clean on rig.  
DC: \$18,670 CC: \$68,054

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #43-7

Location: NE SE Section 7, T9S, R17E  
 Duchesne County, Utah

---TIGHT HOLE---

3-4-94 TD: 3,502' (1,002') Day 3  
 Formation: Green River  
 MW 8.3 VIS 26  
 Present Operation: Drilling  
 Drill, survey, & clean on rig.  
 DC: \$13,849 CC: \$81,903

3-5-94 TD: 4,080' (578') Day 4  
 Formation: Yellow Zone  
 MW 8.4 VIS 26  
 Present Operation: Drilling  
 Drill, survey, load hole, circ, TOH for bit. TIH, drill, & survey.  
 PU 2 collars.  
 DC: \$9,115 CC: \$91,018

3-6-94 TD: 4,662' (582') Day 5  
 Formation: Yellow Zone  
 MW 8.4 VIS 26 pH 9.8  
 Present Operation: Drilling  
 Drill, survey & clean on rig.  
 DC: \$8,897 CC: \$99,915

3-7-94 TD: 5,190' (528') Day 6  
 Formation: Green Zone  
 MW 8.4 VIS 27 pH 9.6  
 Present Operation: Drilling  
 Drill, survey, & clean on rig.  
 DC: \$8,257 CC: \$108,172

3-8-94 TD: 5,628' (438') Day 7  
 Formation: Blue Zone  
 MW 8.4 VIS 26 pH 10  
 Present Operation: Trip in hole.  
 Drill, work on mud pump, trip for hole in pipe. First jt on top of  
 collars had a crack. TIH.  
 DC: \$7,908 CC: \$116,080

3-9-94 TD: 5,750' (122') Day 8  
 Formation: Green River  
 MW 8.4 VIS 26 pH 10  
 Present Operation: Logging  
 TIH, drill, circ, drill 50' more, circ for logs, TOH & log well.  
 DC: \$6,561 CC: \$122,641

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #43-7

Location: NE SE Section 7, T9S, R17E  
Duchesne County, Utah

---TIGHT HOLE---

- 3-10-94 TD: 5,750' (0') Day 9  
Formation: Green River  
Present Operation: Rigging down.  
Log well, TIH & LD drill pipe & collars. Test 5-1/2" pipe rams in BOP to 2000# - OK. Run 132 jts 5-1/2" csg. Circ cmt by Western. Set slips, ND, clean mud tanks. RDMO.  
5-1/2" csg run as follows:  
Guide Shoe .60'  
1 jt 5-1/2", 15.5# shoe jt 12.30'  
Float Collar 1.90'  
131 jts 5-1/2", 15.5#, K-55 csg 5739.88'  
5754.68'  
5-1/2" csg set @ 5,750'  
PBSD: 5,376' 20 centralizers  
Cmt by Western w/203 sxs Thrifty-lite & tail w/327 sxs 50-50 POZ.  
Plug down @ 3 a.m. Rig released @ 7 a.m. 3-10-94.  
DC: \$80,365 CC: \$203,006
- 3-15-94 Completion  
Dress up location. Set rig anchors, weld bell nipple on csg. MIRU Cannon Well Service Rig #2. NU well head, NU BOP. TIH w/4-3/4" bit, csg scraper & 185 jts 2-7/8" tbg. Tag PBSD @ 5735' KB. SWIFN.  
DC: \$5,945 CC: \$208,951
- 3-16-94 Completion  
Circ well clean @ 125 bbls 2% KCL wtr. TOOH w/tbg, SN, 4' sub, csg scraper & 4-3/4" bit. TIH w/5-1/2" RBP, retrieving head, 4' x 2-7/8" sub, SN & 155 jts 2-7/8" tbg. Set BP@ 4836'KB. TOOH w/tbg & tools. SWIFN.  
DC: \$1,290 CC: \$210,241
- 3-17-94 Completion  
RU Schlumberger to perf 4790'-96'KB. RD Schlumberger. TIH w/2-7/8" tbg, EOT @ 4680'KB. RU Western to do HCL break down on 4790'-96'KB refer to treatment report. RU Western to frac 4790'-96'KB refer to treatment report. Dead string frac, screen out, reverse circ out. POOH w/125' tbg. SWIFD.  
DC: \$26,429 CC: \$236,670

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #43-7

Location: NE SE Section 7, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

- 3-18-94 Completion  
 CP - 70 psi, TP - 50 psi. Tag sand fill @ 4780'KB. Circ down to 4836'KB (BP). TOOH w/tbg. TIH w/retrieving tool, 2-7/8" x 4' sub, HD packer, SN & 152 jts 2-7/8" tbg. Set packer @ 4739'KB, EOT @ 4744'KB. Made 25 swab runs, recovered 150 BW, trace of oil & good gas. Last 5 runs fluid level stable @ 3500'. Still have sand on each run. SWIFN.  
 DC: \$3,034 CC: \$239,704
- 3-19-94 Completion  
 TP - 15 psi. Made 8 swab runs. Fluid level 1900' from surface. Recovered 46 BW, 2 BO, good gas. Last 2 runs, fluid level stable @ 3900'. Release packer, tag sand fill @ 4800', circ down to 4836'KB, release BP. Reset BP @ 4398'KB. TOOH w/tbg & tools. SWIFN.  
 DC: \$936 CC: \$240,640
- 3-21-94 Completion  
 RU Schlumberger to perf 4338'-52' 4 SPF. RD Schlumberger. TIH w/136 jts 2-7/8" tbg, EOT @ 4246'KB. RU Western to do HCL break down on perfs refer to treatment report. RU Western to frac perfs refer to treatment report. SWIFN.  
 DC: \$23,555 CC: \$264,195
- 3-22-94 Completion  
 CP & TP - 15 psi. RIH, tag sand fill @ 4345'KB. Circ clean to 4398'KB (BP). TOOH w/141 jts tbg, TIH w/retrieving tool, 4' sub, HD packer, SN & 138 jts 2-7/8" tbg. Set packer @ 4309'KB. Made 21 swab runs. Recovered 126 bbls fluid, 1 BO, 125 BW, good gas. Last 3 runs, fluid level stable @ 3400', no sand. Release packer, tag sand @ 4360'KB. Circ down to 4398'KB, release BP & TOOH w/tbg & tools. SWIFN.  
 DC: \$1,615 CC: \$265,810 (Corrected Cost)



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**SUBMIT IN TRIPLICATE**

MAY - 2 1994

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UIU-72106
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017, Billings, MT 59104      (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE SE Section 7, T9S, R17E 1850' FSL, 850' FEL	8. Well Name and No. Balcron Monument Federal #43-7
	9. API Well No. 43-013-31432
	10. Field and Pool, or Exploratory Area Monument Butte/Green River
	11. County or Parish, State Duchesne County, Utah

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

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

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

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

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

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 4-29-94

(This space for Federal or State office use)

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

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

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

UUU-72106

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. TRACT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Balcron Monument Federal

9. WELL NO.

43-7

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

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

NE SE Section 7, T9S, R17E

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  DEEPEN  PIPE BACK  DIFF. REVS.  Other \_\_\_\_\_

**CONFIDENTIAL**

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1850' ESL, 850' FEL

At top prod. interval reported below

At total depth

MAY - 2 1994  
BUREAU OF OIL, GAS & MINING

14. PERMIT NO. DATE ISSUED

43-013-31432 | 12-21-93

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

16. DATE SPUDDED 2-23-94 18. DATE T.D. REACHED 3-9-94 17. DATE COMPL. (Ready to prod.) 3-30-94 18. ELEVATIONS (OF RKB, RT, OR, ETC.)\* 5399.4'GL, 5409.4'KB 19. ELEV. CASINGHEAD r/a

20. TOTAL DEPTH, MD & TVD 5750' 21. PLUG, BACK T.D., MD & TVD .5376'KB 22. IF MULTIPLE COMPL., HOW MANY\* n/a 23. INTERVAL DRILLED BY ROTARY TOOLS Sfc - TD CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4338'-4796' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN 3-16-94 27. WAS WELL CORED No  
DLL - MSFL - GR CBL-GR-CCL, MUD LOG, INTEGRATED POROSITY LITHOLOGY

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#	421'KB	12-1/4"	250 sxs "G" + additives	n/a
5-1/2"	15.5#	5750'KB	7-7/8"	203 sxs Thrifty-Lite and 327 sxs 50-50 FCZ.	n/a

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	4866.64'KB	n/a

31. PERFORATION RECORD (Interval, size and number)

4790'-4796'	4 SPF
4338'-4352'	4 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4790'-4796'	16,200# 16/30 sand in 7216 gallons 2% KCL wtr - 500 gallons 15% HCL aci
4338'-4352'	23,600# 16/30 sand in 11,737 gallons 2% KCL wtr - 500 gallons 15% HCL aci

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
3-30-94	1-1/2" Insert Pump	Pumping

DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-8-94	24	n/a	→	30	20	15	0.66

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a	→	30	20	15	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 Regulatory and Environmental Specialist DATE 4-29-94

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	See Geologic Report submitted separately.		

# UTAH DIVISION OF OIL, GAS AND MINING EQUIPMENT INVENTORY

Operator: Equitable Resources Lease: State:      Federal: Y Indian:      Fee:     

Well Name: Balcron Mon. Fed. #43-7 API Number: 43-013-31432

Section: 7 Township: 09S Range: 17E County: Duchesne Field: Monument Butte

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

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY:     

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

**PUMPS:**

     Triplex           Chemical      Y Centrifugal

**LIFT METHOD:**

Y Pumpjack           Hydraulic           Submersible           Flowing

**GAS EQUIPMENT:**

N Gas Meters      N Purchase Meter      N Sales Meter

**TANKS: NUMBER**

**SIZE**

<u>Y</u> Oil Storage Tank(s)	<u>2-400 oil w/burners</u>	<u>BBLS</u>
<u>Y</u> Water Tank(s)	<u>1-150 Pit Tank</u>	<u>BBLS</u>
<u>    </u> Power Water Tank	<u>    </u>	<u>BBLS</u>
<u>    </u> Condensate Tank(s)	<u>    </u>	<u>BBLS</u>
<u>Y</u> Propane Tank	<u>    </u>	<u>    </u>

REMARKS: Two plastic lines have been run to location -- not in use yet. Unit is running from casing head gas, with propane back up. Gas is flared when extra is produced.

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

Inspector: Dennis Ingram Date: 5/6/94

43-013-31432

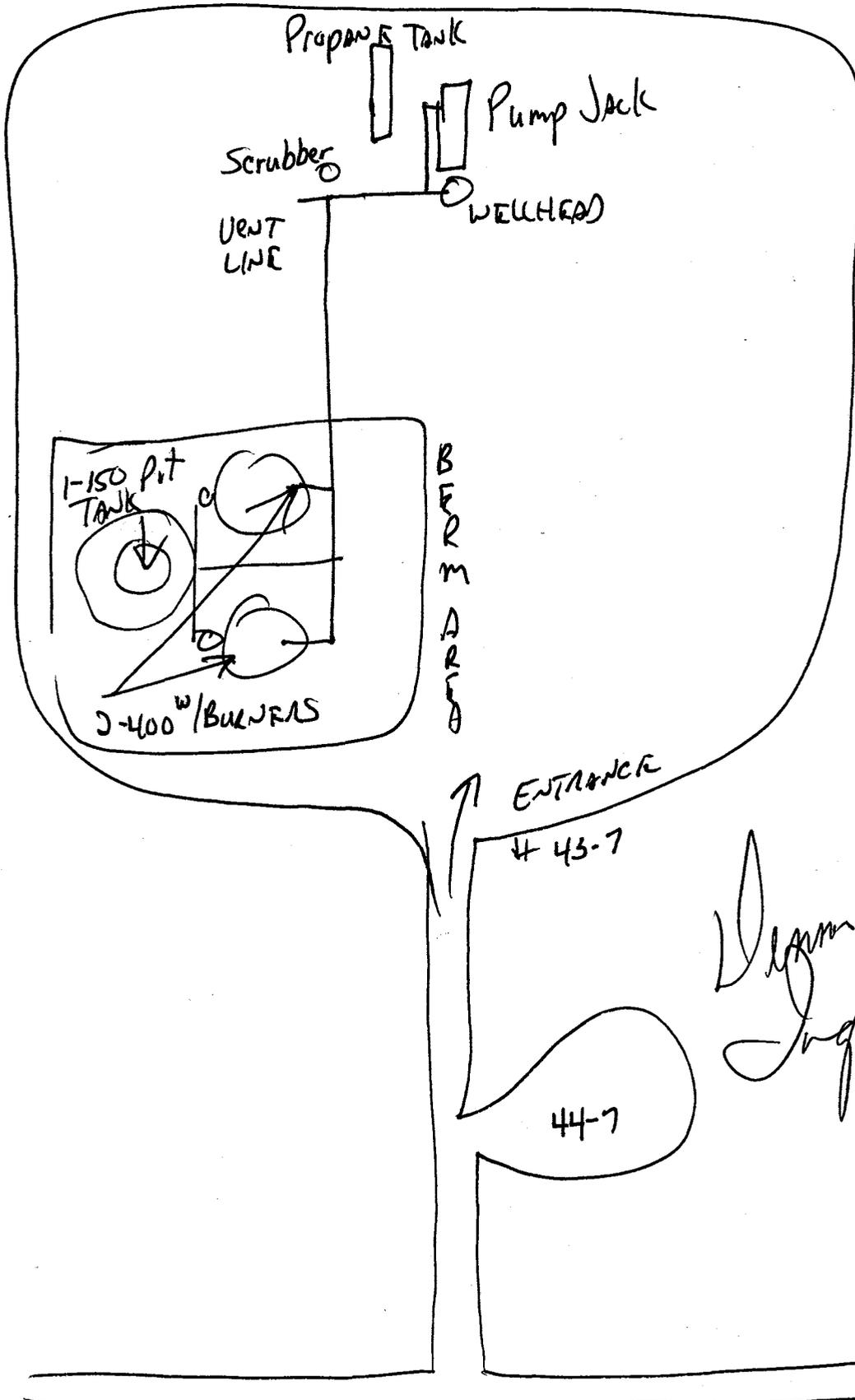
U-72106

BALCON MONUMENT FLD # 43-7

SEC 7 T9S R17E

5/6/94

42-381 50 SHEETS 5 SQUARE  
42-382 100 SHEETS 3 SQUARE  
42-383 200 SHEETS 5 SQUARE  
MADE IN U.S.A.



*[Handwritten Signature]*



# EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860

**★FAX TRANSMITTAL★**

**FAX NO.: (406) 245-1365**

**TO:** NAME: Leesha  
COMPANY: Utah, Division of Oil, Gas, & Mining  
DATE: 02-21-96  
FAX #:

**FROM:** Molly Conrad  
Equitable Resources Energy Company, Balcron Oil Division  
1601 Lewis Avenue  
Billings, MT 59102  
Phone: (406) 259-7860 ext 236

**TOTAL # OF PAGES 2**  
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

**TELECOMMUNICATOR:** mmc

**SPECIAL INSTRUCTIONS:**

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.

Thanks for your help!!

**NOTE:** The information contained in this facsimile message is privileged and confidential, and is intended only for the use of the individual(s) or entity name above who have been specifically authorized to receive it. If the reader is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return all pages to the address shown above. THANK YOU.

OPERATOR EQUITABLE RESOURCES ENERGY

OPERATOR ACCT. NO. H9890

ADDRESS BALCRON OIL DIVISION

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		11880				9S	17E		DUCHESNE		
WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

2-22-96

Title

Date

Phone No. ( )

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION  
 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT  (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
BOLL WEEVIL FED 26-13 4301330770	00035	08S 16E 26	GRRV					
CASTLE PK ST 43-16 4301330594	01181	09S 16E 16	GRRV					
<del>PALETTE FEDERAL 1-28</del> 4301330778	01200	09S 17E 8	GRRV					
<del>MOGON FED 1-27</del> 4301330666	01205	09S 17E 7	GRRV					
<del>PALETTE FEDERAL 1-17</del> 4301330516	01210	09S 17E 17	GRRV					
<del>PALETTE FEDERAL 1-28</del> 4301330675	01220	09S 17E 8	GRRV					
JOURNEY FED 1-9 4304730070	01260	09S 19E 9	GRRV					
CASTLE PK FED 24-10A 4301330555	01281	09S 16E 10	GRRV					
HENDEL FED 1-17 4304730059	01305	09S 19E 17	GRRV					
HENDEL FED 3-17 4304730074	01305	09S 19E 17	GRRV					
HENDEL FED. 1-9 4304720011	01310	09S 19E 9	GRRV					
PARIETTE BENCH FED 14-5 4304731123	01335	09S 19E 5	GRRV					
PARIETTE BENCH UNIT 2 4304715680	01345	09S 19E 7	GRRV					
<b>TOTALS</b>								

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

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION  
 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT  (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
<del>PARIETTE BENCH FED 41-7</del>								
<del>4304731584</del>	<del>01346</del>	<del>09S 19E 7</del>	<del>GRRV</del>					
<del>SUB MORRIS 16-3</del>								
<del>4301330562</del>	<del>01450</del>	<del>09S 17E 16</del>	<del>GRRV</del>					
<del>STATE 16-2</del>								
<del>4301330552</del>	<del>01451</del>	<del>09S 17E 16</del>	<del>GRRV</del>					
<del>K JORGENSON ST 16-4</del>								
<del>4301330572</del>	<del>01452</del>	<del>09S 17E 16</del>	<del>GRRV</del>					
<del>W DUNCAN EST 16-5</del>								
<del>4301330570</del>	<del>01453</del>	<del>09S 17E 16</del>	<del>GRRV</del>					
<del>PARIETTE FEDERAL 13-8</del>								
<del>01330777</del>	<del>02042</del>	<del>09S 17E 8</del>	<del>GRRV</del>					
<del>FEDERAL 13-8</del>								
<del>4301330332</del>	<del>08100</del>	<del>09S 17E 18</del>	<del>DGCRK</del>					
<del>POMCO #2</del>								
<del>4301330505</del>	<del>08101</del>	<del>09S 17E 18</del>	<del>GR-WS</del>					
<del>POMCO #4</del>								
<del>4301330506</del>	<del>08102</del>	<del>09S 17E 17</del>	<del>GRRV</del>					
<del>POMCO #5</del>								
<del>4301330499</del>	<del>08104</del>	<del>09S 17E 17</del>	<del>GRRV</del>					
<del>PARIETTE BENCH FED 32-6</del>								
<del>4304731554</del>	<del>09885</del>	<del>09S 19E 6</del>	<del>GRRV</del>					
<del>PARIETTE BENCH FED 43-6</del>								
<del>4304731616</del>	<del>10280</del>	<del>09S 19E 6</del>	<del>GRRV</del>					
<del>MAXUS FEDERAL 23-8</del>								
<del>4301331196</del>	<del>10800</del>	<del>09S 17E 8</del>	<del>GRRV</del>					
<b>TOTALS</b>								

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

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

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

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION  
 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT  (Highlight Changes)

Well Name UPI Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
COYOTE FEDERAL 21-5 4304732260	11500	08S 25E 5	GRRV					
COYOTE FEDERAL 13-5 4304732261	11500	08S 25E 5	GRRV					
FEDERAL 22-10Y 4301331395	11501	09S 17E 10	GRRV					
FEDERAL 41-21Y 4301331392	11505	09S 16E 21	GRRV					
FEDERAL 44-14Y 4304732438	11506	09S 17E 14	GRRV					
FEDERAL 21-13Y 11331400	11510	09S 16E 13	GRRV					
FEDERAL 21-9Y 4301331396	11513	09S 16E 9	GRRV					
<del>MONUMENT FEDERAL 21-17</del> 4301331387	11528	09S 17E 17	GRRV					
<del>FEDERAL 21-8</del> 4301331398	11529	09S 17E 8	GRRV					
FEDERAL 21-25Y 4301331394	11530	09S 16E 25	GRRV					
<del>MONUMENT FEDERAL 21-8</del> 4301331382	11574	09S 17E 8	GRRV					
<del>MONUMENT FEDERAL 21-8</del> 4301331427	11613	09S 17E 8	GRRV					
<del>MONUMENT FEDERAL 21-7</del> 4301331432	11616	09S 17E 7	GRRV					
<b>TOTALS</b>								

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

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

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

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION  
 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT  (Highlight Changes)

Well Name API Number      Entity      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 11-25 4304732455 11625 08S 17E 25	GRRV					
<del>MONUMENT FEDERAL 31-17</del> 4301331428 11635 09S 17E 17	GRRV					
<del>MONUMENT FEDERAL 22-17</del> 4301331429 11638 09S 17E 17	GRRV					
<del>BALCRON MONUMENT FEDERAL 32-17</del> 4301331431 11640 09S 17E 17	GRRV					
ALLEN FEDERAL 31-6G 4301331442 11642 09S 17E 6	GRRV					
BALCRON FEDERAL 41-19Y 4301331452 11651 09S 18E 19	GRRV					
BALCRON MONUMENT STATE 14-2 4301331425 11656 09S 17E 2	GRRV					
FEDERAL 44-4Y 4301331452 11679 09S 17E 4	GRRV					
FEDERAL 31-5Y 4304732503 11680 09S 18E 5	GRRV					
BALCRON MONUMENT FEDERAL 21-25 4304732528 11683 08S 17E 25	GRRV					
<del>MONUMENT FEDERAL 11-17</del> 4301331466 11692 09S 17E 17	GRRV					
MONUMENT FEDERAL 12-25 4304732526 11694 08S 17E 25	GRRV					
<del>MONUMENT FEDERAL 24-17</del> 4301331467 11698 09S 17E 17	GRRV					
<b>TOTALS</b>						

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

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_  
 Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 95

AMENDED REPORT  (Highlight Changes)

Well Name PI Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
<del>MONUMENT FEDERAL 32-17A</del> 4301331465 11704 09S 17E 17	GRRV					
MONUMENT FEDERAL 32-25 4304732524 11707 08S 17E 25	GRRV					
MONUMENT FEDERAL 31-25 4304732530 11710 08S 17E 25	GRRV					
BALCRON FEDERAL 12-22Y 4301331476 11717 08S 17E 22	GRRV					
MONUMENT FEDERAL 33-25 4304732525 11729 08S 17E 25	GRRV					
MONUMENT FEDERAL 23-25 44732529 11730 08S 17E 25	GRRV					
BALCRON MONUMENT STATE 24-2 4304732612 11736 09S 17E 2	GRRV					
BALCRON MONUMENT STATE 13-2 4301331482 11738 09S 17E 2	GRRV					
BALCRON MONUMENT STATE 22-2 4304732610 11742 09S 17E 2	GRRV					
BALCRON MONUMENT STATE 12-2 4301331481 11745 09S 17E 2	GRRV					
BALCRON FEDERAL 31-19Y 4304732614 11751 09S 18E 19	GRRV					
BALCRON FEDERAL 42-19Y 4304732616 11756 09S 18E 19	GRRV					
BALCRON FEDERAL 12-20Y 4304732617 11758 09S 18E 20	GRRV					
<b>TOTALS</b>						

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

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

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

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

**EQUITABLE RESOURCES  
ENERGY COMPANY****BALCRON OIL DIVISION**1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860★FAX TRANSMITTAL★FAX NO.: (406) 245-1365

**TO:** NAME: Leesha  
COMPANY: Utah, Division of Oil, Gas, & Mining  
DATE: 02-21-96  
FAX #:

**FROM:** Molly Conrad  
Equitable Resources Energy Company, Balcron Oil Division  
1601 Lewis Avenue  
Billings, MT 59102  
Phone: (406) 259-7860 ext 236

**TOTAL # OF PAGES 2**  
(including this cover sheet)

If you do not receive all pages, please call back as soon as possible at (406) 259-7860.

**TELECOMMUNICATOR:** mmc

**SPECIAL INSTRUCTIONS:**

Here is a list of the Beluga Unit wells that you requested yesterday. Please let me know when you come up with an Entity Action number for them. The unit was effective 2-1-96, so I will have to change all of my records before reporting February production.

Thanks for your help!!

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OPERATOR EQUITABLE RESOURCES ENERGY

OPERATOR ACCT. NO. N9890

ADDRESS BALCRON OIL DIVISION

\_\_\_\_\_

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		11880				9S	17E		DUCHESNE		
WELL 1 COMMENTS: *BELUGA UNIT EFF 2-1-96 (SEE ATTACHED LIST OF WELLS BEING CHANGED FROM CURRENT ENTITY TO NEW UNIT ENTITY 11880).											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

  
L. CORDOVA (DOGM)  
 Signature  
ADMIN. ANALYST 2-22-96  
 Title Date  
 Phone No. ( ) \_\_\_\_\_

P.2/2

✓ A. Anderson State #1-16	Monument Butte	SW SW	16	9S	17E	Duchesne	UT	Oil (Sl)	Green River	ML-3453	43-013-15582	660' FSL, 560' FWL		Beluga
✓ Balcon 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
✓ Balcon 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
✓ Balcon Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31388	660' FSL, 660' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
✓ Balcon Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31485	1650' FNL, 1960' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
✓ Balcon Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
✓ O. Duncan State #16-5	Monument Butte	SW NW	16	9S	17E	Duchesne	UT	Oil	Green River	State ML-3453-B	43-013-30570	1922' FNL, 865' FWL		Beluga
✓ DMD Federal #17-1	Monument Butte	NE SE	17	9S	17E	Duchesne	UT	Oil (Sl)	Green River	U-44430	43-013-30689	2059' FSL, 0584' FEL	Vernal	Beluga
✓ Federal #1-18	Monument Butte	NW NE	18	9S	17E	Duchesne	UT	OSI	Green River	U-3563	43-013-30332	636' FNL, 2186' FEL	Vernal	Beluga
✓ Marcus Federal #23-8	Monument Butte	NE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31196	1847' FSL, 1947' FWL	Vernal	Beluga
✓ Moon Federal #44-7	Monument Butte	SE SE	7	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-30666	670' FSL, 683' FEL	Vernal	Beluga
✓ Monument Federal #23-17-9-17B	Monument Butte	NE SW	17	9S	17E	Duchesne	UT	PND	Green River	UTU-74108		2217' FSL, 2187' FWL	Vernal	Beluga
✓ Monument Federal #33-17-9-17B	Monument Butte	NW SE	17	9S	17E	Duchesne	UT	PND	Green River	U-72106		1926' FSL, 2000' FEL	Vernal	Beluga
✓ Monument State #13-16-9-17B	Monument Butte	NW SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31580	1980' FSL, 660' FWL		Beluga
✓ Monument State #22-16-9-17B	Monument Butte	SE NW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31579	1824' FNL, 1981' FWL		Beluga
✓ Monument State #23-16-9-17B	Monument Butte	NE SW	16	9S	17E	Duchesne	UT	PND	Green River	State ML-3453-B	43-013-31578	1980' FSL, 1980' FWL		Beluga
✓ Paiute Federal #11-17	Monument Butte	NW NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-047-30516	851' FNL, 664' FWL	Vernal	Beluga
✓ Paiute Federal #24-8	Monument Butte	SE SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30675	660' FSL, 1980' FWL	Vernal	Beluga
✓ Paiute Federal #34-8	Monument Butte	SW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30778	660' FSL, 1980' FEL	Vernal	Beluga
✓ Paiute Federal #43-8	Monument Butte	NE SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30777	1958' FSL, 711' FEL	Vernal	Beluga
✓ POMCO #2	Monument Butte	NW SE	18	9S	17E	Duchesne	UT	OTA	Green River	U-3563	43-013-30505	1980' FSL, 1980' FEL	Vernal	Beluga
✓ POMCO #4	Monument Butte	SW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-103-30506	660' FSL, 660' FWL	Vernal	Beluga
✓ POMCO #5	Monument Butte	NW SW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-30499	1980' FSL, 660' FWL	Vernal	Beluga
✓ Sue Morris #16-3	Monument Butte	NE NW	16	9S	17E	Duchesne	UT	OSI	Green River	State ML-3453-B	43-013-30562	660' FNL, 1980' FWL		Beluga

N1940-Enserch Explor. Inc.  
(Oper. Chg. in Progress)

N8395-Prod. Recovery Corp.  
(Oper. Chg. in Progress)

FEB 21 '96 03:42PM BALCRON OIL DIV

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

BALCRON OIL DIVISION  
 EQUITABLE RESOURCES ENERGY  
 1601 LEWIS AVE  
 BILLINGS MT 59102-4126

UTAH ACCOUNT NUMBER:           N9890          

REPORT PERIOD (MONTH/YEAR):           3 / 96          

AMENDED REPORT  (Highlight Changes)

Well Name API Number      Entity      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ MAXUS FEDERAL 23-8						
4301331196 11880 09S 17E 8	GRRV					
✓ MONUMENT FEDERAL 13-8						
4301331382 11880 09S 17E 8	GRRV					
✓ MONUMENT FEDERAL 21-17						
4301331387 11880 09S 17E 17	GRRV					
✓ FEDERAL 14-8						
4301331398 11880 09S 17E 8	GRRV					
✓ MONUMENT FEDERAL 33-8						
4301331427 11880 09S 17E 8	GRRV					
✓ MONUMENT FEDERAL 31-17						
01331428 11880 09S 17E 17	GRRV					
✓ MONUMENT FEDERAL 22-17						
4301331429 11880 09S 17E 17	GRRV					
✓ BALCRON MONUMENT FEDERAL 12-17						
4301331431 11880 09S 17E 17	GRRV					
✓ MONUMENT FEDERAL 43-7						
4301331432 11880 09S 17E 7	GRRV					
✓ MONUMENT FEDERAL 32-17						
4301331465 11880 09S 17E 17	GRRV					
✓ MONUMENT FEDERAL 41-17						
4301331466 11880 09S 17E 17	GRRV					
✓ BALCRON MONUMENT FEDERAL 42-17						
4301331467 11880 09S 17E 17	GRRV					
<b>TOTALS</b>						

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_  
 Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

UTAH

Balcron Monument Fed. #32-1J	Monument Butte	SW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31414	2143' FNL, 1987' FEL	Vernal	Jonah
Balcron Monument Fed. #32-25	Undesignated	SW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32524	1980' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #33-11J	Monument Butte	NW SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-31451	1971' FSL, 2032' FEL	Vernal	Jonah
Balcron Monument Fed. #33-25	Undesignated	NW SE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32525	2097' FSL, 2067' FEL	Vernal	
Balcron Monument Fed. #33-6	Monument Butte	NW SE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31361	1832' FSL, 1829' FEL	Vernal	Jonah
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #34-10J	Monument Butte	SW SE	10	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31416	592' FSL, 1979' FEL	Vernal	Jonah
Balcron Monument Fed. #34-25	Undesignated	SW SE	25	8S	17E	Uintah	UT	PND	Green River	U-67845		800' FSL, 2100' FEL	Vernal	
Balcron Monument Fed. #34-7	Monument Butte	SW SE	7	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31426	810' FSL, 1736' FEL	Vernal	
Balcron Monument Fed. #41-12J	Monument Butte	NE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-44426		395' FNL, 476' FEL	Vernal	Jonah
Balcron Monument Fed. #41-14J	Monument Butte	NE NE	14	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31408	363' FNL, 600' FEL	Vernal	Jonah
Balcron Monument Fed. #41-15	Monument Butte	NE NE	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31367	460' FNL, 500' FEL	Vernal	Jonah
Balcron Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
Balcron Monument Fed. #41-26	Monument Butte	NE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845	43-047-32456	660' FNL, 500' FEL	Vernal	
Balcron Monument Fed. #42-11J	Monument Butte	SE NE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-30066	1992' FNL, 496' FEL	Vernal	Jonah
Balcron Monument Fed. #42-12J	Monument Butte	SE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521	43-013-31486	2550' FNL, 391' FEL	Vernal	Jonah
Balcron Monument Fed. #42-14J	Monument Butte	SE NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096550	43-013-21491	1882' FNL, 773' FEL	Vernal	Jonah
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
Balcron Monument Fed. #42-18	Monument Butte	SE NE	18	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31433	1800' FNL, 800' FEL	Vernal	
Balcron Monument Fed. #42-1J	Monument Butte	SE NE	1	9S	16E	Duchesne	UT	WIW	Green River	U-40652	43-013-31404	2087' FNL, 692' FEL	Vernal	Jonah
Balcron Monument Fed. #42-26	Undesignated	SE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		2100' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #42-6	Monument Butte	SE NE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31364	1806' FNL, 921' FEL	Vernal	Jonah
Balcron Monument Fed. #43-11J	Monument Butte	NE SE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31002	2127' FSL, 693' FEL	Vernal	Jonah
Balcron Monument Fed. #43-26	Undesignated	NE SE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		1880' FSL, 379' FEL	Vernal	
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
Balcron Monument Fed. #44-1J	Monument Butte	SE SE	1	9S	16E	Duchesne	UT	WIW	Green River	U-44426	43-013-31415	338' FSL, 859' FEL	Vernal	Jonah
Balcron Monument State #12-2	Undesignated	SW NW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31481	1980' FNL, 660' FWL		
Balcron Monument State #13-2	Undesignated	NW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31482	2210' FSL, 604' FWL		
Balcron Monument State #14-2	Undesignated	SW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31425	513' FSL, 787' FWL		
Balcron Monument State #21-2-9-17	Undesignated	NE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32703	821' FNL, 2187' FWL		
Balcron Monument State #22-2	Undesignated	SE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32610	1980' FNL, 1980' FWL		
Balcron Monument State #23-2	Undesignated	NE SW	2	9S	17E	Uintah	UT	WSW	Green River	ML-45555	43-047-32613	1980' FSL, 1980' FWL		
Balcron Monument State #24-2	Undesignated	SE SW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32612	660' FSL, 1980' FWL		
Balcron Monument State #32-2	Undesignated	SW NE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32609	1980' FNL, 1980' FEL		
Balcron Monument State #34-2	Undesignated	SW SE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32611	800' FSL, 1980' FEL		



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

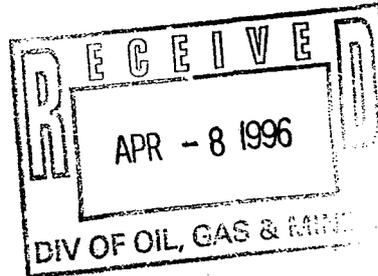
**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102

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

March 22, 1996

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



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

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

Sincerely,

*Bobbie Schuman*  
Bobbie Schuman  
Regulatory and  
Environmental Specialist

/hs

Enclosures

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:  
See attached listing

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

7. Unit Agreement Name:  
See attached listing

8. Well Name and Number:  
See attached listing

9. API Well Number:  
See attached listing

10. Field and Pool, or Wildcat:  
See attached listing

1. Type of Well: OIL  GAS  OTHER: See attached listing

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

3. Address and Telephone Number:  
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well  
Footages: See attached listing

County: See attached list

State: UTAH

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

**NOTICE OF INTENT**  
(Submit in Duplicate)

Abandon  New Construction

Repair Casing  Pull or Alter Casing

Change of Plans  Recomplete

Convert to Injection  Reperforate

Fracture Treat or Acidize  Vent or Flare

Multiple Completion  Water Shut-Off

Other \_\_\_\_\_

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

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

Abandon \*  New Construction

Repair Casing  Pull or Alter Casing

Change of Plans  Reperforate

Convert to Injection  Vent or Flare

Fracture Treat or Acidize  Water Shut-Off

Other Operator name change

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)

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

Routing:
1 LEP 7-SJ
2 DTS 8-FILE
3 VLD (GIL)
4 RJH
5 JEC
6 FILM

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)                       Designation of Agent  
 Designation of Operator                              **~~Operator Name Change Only~~**

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<b>EQUITABLE RESOURCES ENERGY COEROM</b> (former operator)	<b>EQUITABLE RESOURCES ENERGY CO</b>
(address)	<u>1601 LEWIS AVE</u>	(address) <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>013-31432</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-4-96 & 4-8-96)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Yes 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Yes 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(4-10-96)*
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

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

**BOND VERIFICATION (Fee wells only)** # 5578314 (\$80,000) Scheco Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no)    . Today's date     19   . If yes, division response was made by letter dated     19   .

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated     19   , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/20/96
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.  
Sent to Ed Boucher - Trust Lands

**FILMING**

- DR 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**

9/6/40 BLM/BIA "Formal approval not necessary"

RECEIVED  
OCT 10 1997



October 7, 1997

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



RE: Change of Operator  
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

Please find attached Sundry Notices and Reports on Wells for Change of Operator, previously operated by Equitable Resources Energy Company for approval.

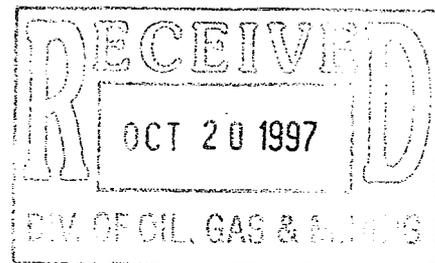
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

*Patsy Barreau*  
Patsy Barreau

/pb  
encls.



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allocated or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

1. Type of Well: OIL  GAS  OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

County:

State:

RECEIVED  
OCT 13 1997

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

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.

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

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 10 1997

13.

Name & Signature:

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

(This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ BALCRON FEDERAL #22-20Y	SE NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32711-00	UTU64917	
✓ BALCRON FEDERAL #41-19Y	NENE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32504-00	UTU65635	
✓ MONUMENT FEDERAL #43-19Y	NE SE 199S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32730-00	UTU65635	
✓ MONUMENT FEDERAL #14-21Y	SW SW 219S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32726-00	UTU68105	
✓ A. ANDERSON STATE #1-16	SW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-15582-00		UTU75023X
✓ D. DUNCAN STATE #16-5	SWNW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30570-00		UTU75023X
✓ PDM FEDERAL #17-1	NE SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30689-00		UTU75023X
✓ FEDERAL #1-18	NWNE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30332-00		UTU75023X
✓ MAXUS FEDERAL #23-8	NESW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31196-00		UTU75023X
✓ MONUMENT BUTTE FED. #12-17	SWNW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31431-00		UTU75023X
✓ MONUMENT BUTTE FED. #14-8	SWSW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31398-00		UTU75023X
✓ MONUMENT BUTTE FED. #21-17	NENW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31387-00		UTU75023X
✓ MONUMENT BUTTE FED. #32-17	SWNE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31465-00		UTU75023X
✓ MONUMENT BUTTE FED. #41-17	NENE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31466-00		UTU75023X
✓ MONUMENT BUTTE FED. #43-7	NESE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31432-00		UTU75023X
✓ MONUMENT FEDERAL #23-17B	NE SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31582-00	UTU74108	UTU75023X
✓ MONUMENT STATE #23-16B	NE SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31578-00		UTU75023X
✓ PAIUTE FEDERAL #34-8	SWSE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30778-00		UTU75023X
✓ PAIUTE FEDERAL #43-8	NESE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30777-00		UTU75023X
✓ POMCO #2	NWSE 189S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30505-00		UTU75023X
✓ POMCO #4	NWSW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30506-00		UTU75023X
✓ SUE MORRIS #16-3	NENW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30562-00		UTU75023X
✓ MOCON FEDERAL #44-7	SE SE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30666-00		UTU75023X
✓ MONUMENT FEDERAL #13-8	NW SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31382-00		UTU75023X
✓ MONUMENT FEDERAL #33-8	NW SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31427-00		UTU75023X
✓ MONUMENT FEDERAL #22-17	SE NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31429-00		UTU75023X
✓ MONUMENT STATE #13-16B	NW SW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31580-00		UTU75023X
✓ MONUMENT STATE #11-16B	NW NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30616-00	ML21844 Beluga	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013- <del>31579-00</del>	31145	UTU75023X
✓ MONUMENT FEDERAL #31-17	NW NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31428-00		UTU75023X
✓ MONUMENT FEDERAL #33-17B	NW SE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31581-00		UTU75023X
✓ MONUMENT FEDERAL #42-17	SE NE 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31467-00	UTU74108	UTU75023X
✓ MONUMENT FEDERAL #44-8-9-17B	SE SE 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30643-00	UTU74398	UTU75023X
✓ PAIUTE FEDERAL #24-8	SE SW 8 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30675-00	UTU74108	UTU75023X
✓ PAIUTE FEDERAL #11-17	NW NW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30516-00		UTU75023X
✓ POMCO #5	SW SW 179S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-30499-00		UTU75023X
✓ BALCRON FEDERAL #12-10Y	SW NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31536-00	UTU65210	
✓ BALCRON FEDERAL #21-10Y	NE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31537-00	UTU65210	
✓ BALCRON FEDERAL #22-10Y	SE NW 109S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-31395-00	UTU65210	



**EQUITABLE RESOURCES  
ENERGY COMPANY**

**WESTERN REGION**

**(406) 259-7860 Telephone**

**(406) 245-1361 Fax**

December 10, 1997

Lisha  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

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

Sincerely,

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

Molly Conrad  
Agent for Equitable Resources  
Energy Company

/mc



Crazy Mountain Oil & Gas Services  
P.O. Box 577  
Laurel, MT 59044  
(406) 628-4164  
(406) 628-4165

TO: *Lisha*  
*St of Utah.*

FROM: Molly Conrad  
Crazy Mountain Oil & Gas Services  
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

NOTE: *Here is the letter you requested.  
Call if you need anything  
further.*

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

C/O CRAZY MTN O&G SVS'S  
 EQUITABLE RESOURCES ENERGY  
 PO BOX 577  
 LAUREL MT 59044

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 1 / 98

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
SUE MORRIS 16-3			GRRV			mL3453B	Beluga (GR) Unit	
4301330562	11880	09S 17E 16						
D. DUNCAN ST 16-5			GRRV			"		
4301330570	11880	09S 17E 16						
FEDERAL D M D 17-1			GRRV			u 44430		
4301330689	11880	09S 17E 17						
PAIUTE FEDERAL 43-8			GRRV			u 7978		
4301330777	11880	09S 17E 8						
PAIUTE FEDERAL 34-8			GRRV			"		
4301330778	11880	09S 17E 8						
MAXUS FEDERAL 23-8			GRRV			u 007978		
4301331196	11880	09S 17E 8						
MONUMENT FEDERAL 21-17			GRRV			u 3563A		
4301331387	11880	09S 17E 17						
FEDERAL 14-8			GRRV			u 007978		
4301331398	11880	09S 17E 8						
BALCRON MONUMENT FEDERAL 12-17			GRRV			uTK72106		
4301331431	11880	09S 17E 17						
MONUMENT FEDERAL 43-7			GRRV			"		
4301331432	11880	09S 17E 7						
MONUMENT FEDERAL 32-17			GRRV			"		
4301331465	11880	09S 17E 17						
MONUMENT FEDERAL 41-17			GRRV			"		
4301331466	11880	09S 17E 17						
MONUMENT STATE 23-16-9-17B			GRRV			mL3453B	↓	
4301331578	11880	09S 17E 16						
<b>TOTALS</b>								

COMMENTS: \_\_\_\_\_

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

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

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



# 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

March 2, 1998

Inland Production Company  
475 17th Street, Suite 1500  
Denver, Colorado 80202

Re: Beluga (Green River) Unit  
Duchesne County, Utah

Gentlemen:

On February 26, 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 Beluga (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 March 2, 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 the Beluga (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Beluga (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 - Beluga (Green River) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron/Fluid Chron

UT931:TAThompson:tt:3/2/98

Well Status Report  
Utah State Office  
Bureau of Land Management

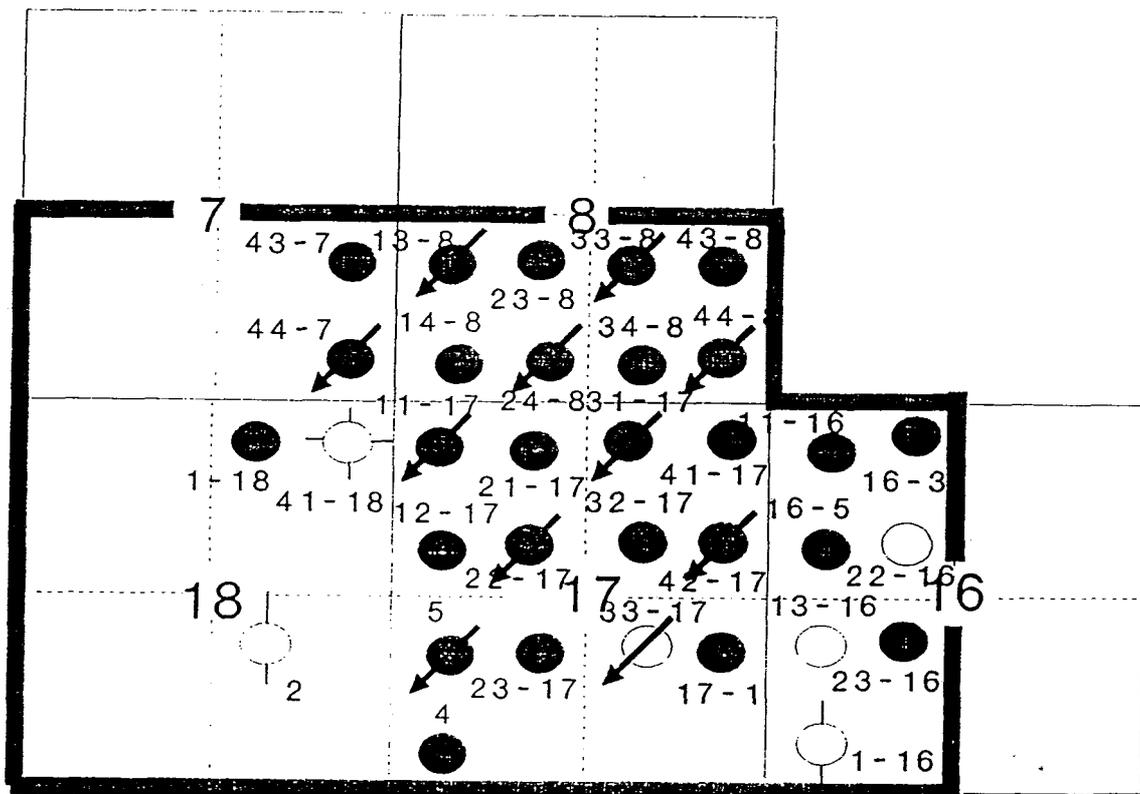
Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU75023X								
STATE	4301315582	1-16 SHELL-STATE	SWSW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330332	1-18 FEDERAL	NWNE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
STATE	4301330616	11-16 STATE-NGC	NWNW	16	T	9S	R17E ABD (wiw)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330516	11-17 PIUTE-FEDERAL	NWNW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331431	12-17	SWNW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331580	13-16-9-17B	NWSW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331382	13-8 MONUMENT FED	NWSW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331398	14-8 MONUMENT FED	SWSW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330562	16-3 MORRIS SUE	NENW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301330570	16-5 DUNCAN-STATE	SWNW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU44430	4301330689	17-1 FEDERAL-DMD	NESE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU3563	4301330505	2 POMCO	NWSE	18	T	9S	R17E TA	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331387	21-17 MONUMENT FED	NENW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331145	22-16-9-17B	SENW	16	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331429	22-17 MONUMENT FED	SENW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
STATE	4301331578	23-16-9-17B	NESW	16	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331582	23-179-17B	NESW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331196	23-8 MAXUS-FEDERAL	NESW	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330675	24-8 PIUTE-FEDERAL	SESW	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331428	31-17 MONUMENT BUTTE	NWNE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331465	32-17	SWNE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331581	33-17-9-17B	NWSE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301331427	33-8 MONUMENT FED	NWSE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330778	34-8 PAIUTE	SWSE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330506	4 POMCO	SWSW	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331466	41-17	NENE	17	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331399	41-18 BALCRON FED	NENE	18	T	9S	R17E ABD (PA)	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331467	42-17	SENE	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301331432	43-7 MONUMENT BUTTE	NESE	7	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330777	43-8 PAIUTE	NESE	8	T	9S	R17E POW	EQUITABLE RESOURCES ENERGY CO
UTU72106	4301330666	44-7 MOCOW-FEDERAL	SESE	7	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74398	4301330643	44-8-9-17	SESE	8	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO
UTU74108	4301330499	5 POMCO	NWSW	17	T	9S	R17E WIW	EQUITABLE RESOURCES ENERGY CO

11250

# BELUGA (GREEN RIVER) UNIT

## DUCHESNE COUNTY, UTAH

EFFECTIVE: FEBRUARY 1, 1996



9S

17E

— UNIT OUTLINE (UTU75023X)  
2,223.13 ACRES

SECONDARY ALLOCATION	
FEDERAL	89.74%
STATE	10.26%



**ENTITY REVIEW**

- sec* 1. (r649-8-7) **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.
- N/A/sec* 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)** *Trust Lands - 80,000 Surety "Hartford Acc. & Indemnity Co."*

- N/A/sec* 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- N/A/sec* 2. A **copy of this form** has been placed in the new and former operator's bond files.
- N/A/sec* 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**

- sec* 1. Copies of documents have been sent on 3-11-98 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/sec* 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**

- KB* 1. All attachments to this form have been **microfilmed**. Today's date: 4.14.98.

**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**

980311 Blm/SL Apr. 3-2-98.



# 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

<b>UTSL-</b>	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
<b>UTU-</b>	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		



## 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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

<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
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**CA No.**

**Unit:**

**BELUGA (GREEN RIVER)**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MONUMENT FED 43-7	07	090S	170E	4301331432	11880	Federal	OW	P
BELUGA 15-7-9-17	07	090S	170E	4301331579	11880	Federal	OW	P
BELUGA 10-7-9-17	07	090S	170E	4301332048	11880	Federal	WI	A
BELUGA 14-7-9-17	07	090S	170E	4301332049	11880	Federal	WI	A
MON FED 33-8	08	090S	170E	4301331427	11880	Federal	WI	A
MON ST 23-16-9-17B	16	090S	170E	4301331578	11880	State	OW	P
MON ST 13-16-9-17B	16	090S	170E	4301331580	11880	State	WI	A
MON FED 31-17	17	090S	170E	4301331428	11880	Federal	WI	A
MON FED 22-17	17	090S	170E	4301331429	11880	Federal	WI	A
BALCRON MON FED 12-17	17	090S	170E	4301331431	11880	Federal	OW	P
MONUMENT FED 32-17	17	090S	170E	4301331465	11880	Federal	OW	P
MONUMENT FED 41-17	17	090S	170E	4301331466	11880	Federal	OW	P
BALCRON MON FED 42-17	17	090S	170E	4301331467	11880	Federal	WI	A
MON FED 33-17-9-17B	17	090S	170E	4301331581	11880	Federal	WI	A
MON FED 23-17-9-17B	17	090S	170E	4301331582	11880	Federal	OW	P
BELUGA 3-18-9-17	18	090S	170E	4301332050	11880	Federal	OW	P
BELUGA 7-18-9-17	18	090S	170E	4301332051	11880	Federal	OW	TA
BELUGA 8-18-9-17	18	090S	170E	4301332052	11880	Federal	WI	A
BELUGA 9-18-9-17	18	090S	170E	4301332053	11880	Federal	OW	P
BELUGA U 4-18-9-17	18	090S	170E	4301332274	11880	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:  
USA UTU-72106

**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		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: BELUGA UNIT
3. ADDRESS OF OPERATOR: Route 3 Box 3630                      CITY Myton                      STATE UT                      ZIP 84052		8. WELL NAME and NUMBER: MONUMENT FED 43-7
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1850 FSL 850 FEL		9. API NUMBER: 4301331432
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 7, T9S, R17E		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

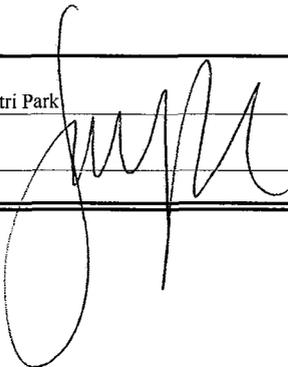
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  06/11/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted and then placed back on production, attached is a daily recompletion status report. The following perforations were added in the Green River Formation:

- CP5 5690'-5704' 4 JSPF 56 holes
- CP3 5598'-5604' 4 JSPF 24 holes
- CP1 5485'-5492' 4 JSPF 28 holes
- D2 4710'-4714' 4 JSPF 16 holes
- D2 4700'-4704' 4 JSPF 16 holes

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

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Tech</u>
SIGNATURE 	DATE <u>07/02/2009</u>

(This space for State use only)

**RECEIVED**  
**JUL 06 2009**  
DIV. OF OIL, GAS & MINING

## Daily Activity Report

Format For Sundry

**MON 43-7-9-17**

**4/1/2009 To 8/30/2009**

**6/5/2009 Day: 1**

**Recompletion**

WWS #1 on 6/4/2009 - MIRUSU. Pump 60 BW @ 250° F down csg. Remove head. Unseat pump. Flush tbg w/ 40 bbls wter. Soft seat pump. Test tbg to 3000 psi. Fish rods. TOO H w/ rods (flush rods 2 more times). LD pump (good shape). TOO H w/ rods. NU BOP's. Release TA. TIH w/ N-80 tbg to tag w/ 28 jts @ 5734'. Circulate KCL water. TOO H w/ tbg. Left EOT @ 1300'. SIFN.

**6/6/2009 Day: 2**

**Recompletion**

WWS #1 on 6/5/2009 - Open well w/ . TOO H w/ tbg. RU Peforators LLC & pack-off. RIH w/ 14' perf gun. WLTD @ 5712'. Perforate CP5 sds @ 5690-5704', CP3 sds @ 5598-5604', CP1 sds @ 5485-92', D2 sds @ 4710-14', 4700-04' w/ 3-1/8" Slick Guns (19 gram, 49"EH, 120°) w/ 4 spf for total of 100 shots in 2 runs. RD WLT. PU Weatherford 5-1/2" "TS" RBP, Reteiving tool, 2-3/8" x 6" pup joint, "HD" pkr, SN. TIH w/ N-80 frac string of trailer. Set RBP @ 5708'. Leave pkr hang @ 5642'. SIFN.

**6/9/2009 Day: 3**

**Recompletion**

WWS #1 on 6/8/2009 - Open well w/ 0 psi. Set pkr @ 5641'. RU BJ services. Pressure casing to 100 psi w/ 18 bbls & held during frac. Perfs broke down @ 5317 psi back to 2192 @ 3 bpm for 3 bbls. ISIP was 1280 w/ .66FG. Pump 30 gals of Techna Hib chemical. Frac w/ 39,605#'s of 20/40 sand in 402 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4195 @ ave rate of 16 bpm w/ 6 ppg of sand. ISIP was 1720 w/.74FG. 5 min was 1613. 10 min was 1577. 15 min was 1556. Flow well back. Well flowed for 1.5 hours & died w/ 163 bbls rec'd. Open pkr & circulate tbg clean. Reset pkr. SIFN.

**6/10/2009 Day: 4**

**Recompletion**

WWS #1 on 6/9/2009 - Open well w/ 0 psi. Release Pkr. TIH w/ tbg to tag RBP. Release & TOO H w/ tbg. Set RBP @ 5629'. Set pkr @ 5579'. RU BJ services. Pressure casing to 100 psi w/ 8 bbls & held during frac. Perfs broke down @ 6571 psi back to 5319 @ 5 bpm for 5 bbls. ISIP was 1842 w/ .76FG. Pump 30 gals of Techna Hib chemical. Frac w/ 15,282#'s of 20/40 sand in 219 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4606 @ ave rate of 16 bpm w/ 6 ppg of sand. ISIP was 1764 w/.75FG. 5 min was 1601. 10 min was 1530. 15 min was 1482. Flow well back. Well flowed for 1 hours & died w/ 71 bbls rec'd. Open pkr & circulate tbg clean. See day4b. Release Pkr. TIH w/ tbg to tag sand 40', C/O to RBP. Release & TOO H w/ tbg. Set RBP @ 5520'. Set pkr @ 5452'. RU BJ services. Pressure casing to 100 psi & held during frac. Perfs broke down @ 4103 psi back to 2955 @ 4 bpm for 3 bbls. ISIP was 1903 w/ .78FG. Pump 30 gals of Techna Hib chemical. Frac w/ 29,873#'s of 20/40 sand in 329 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4487 @ ave rate of 16 bpm w/ 6 ppg of sand. ISIP was 1918 w/.78FG. 5 min was 1759. 10 min was 1637. 15 min was 1561. Flow well back. Well flowed for 1.5 hours & died w/ 131 bbls rec'd w/ 2000#'s sand. Open pkr & circulate tbg clean. See day4c. Release Pkr. TIH w/ tbg to tag 15' of sand, C/O to RBP. Release & TOO H w/ tbg. Set RBP @ 4732'. Set pkr @ 4665'. RU BJ services. Pressure casing to 100 psi & held during frac. Perfs broke down @ 4046 psi back to 2399 @ 4 bpm. Pump 30 gals of Techna Hib chemical. ISIP was 1735 w/ .80FG. 1 min was 1675, 5 min was 1565, 10 min 1457, 30 min 1220, 45 min 1071, 1 hour 949. Frac w/ 32,754#'s of 20/40 sand in 350 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3922 @ ave rate of 16 bpm w/ 6 ppg of sand. ISIP was 1802 w/.82FG. 5 min was 1671. 10 min was 1584. 15 min was 1525.

RD BJ. Flow well back. Well flowed for 1 hours & died w/ 113 bbls rec'd w/ 2000#'s sand. Open pkr & circulate tbg clean. TIH w/ tbg to tag sand 22'. C/O to RBP & release. TOOH w/ N-80 tbg laying down on trailer. EOT @ 3982'. SIFN.

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**6/11/2009 Day: 5**

**Recompletion**

WWS #1 on 6/10/2009 - Open well w/ 250 psi on casing. Hot oil tbg due to flowing oil & gas. Continue TOOH w/ tbg. LD tools. RU NC, SN. TIH w/ tbg. Tag fill @ 5709'. LD 2 jts tbg. Flush tbg w/ 60 bbls water. RU swab equipment. Made 8 runs to rec'd 95 bbls fluid. IFL was Surface. FFL was 500'. Last run showed good oil & gas w/ no sand. RD swab. TIH w/ tbg to tag 4' new sand, C/O to PBTD @ 5733'. TOOH w/ tbg. Leave EOT @ 2052'. SIFN.

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**6/12/2009 Day: 6**

**Recompletion**

WWS #1 on 6/11/2009 - Open well w/ 50 psi on casing. Continue TOOH w/ tbg. TIH w/ Bull plug, 3 jts tbg, nipple, Gas Anchor, 1 jt tbg, SN, 2 jts tbg, TA new CDI w/ 45,000#'s shear, 146 jts tbg. RD BOP's. Set TA @ 5440' w/ 18,000#'s tension w/ SN @ 5505' & EOT @ 5643'. Flush tbg w. 60 bbls water. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 17' x 20' new Central Hydraulic pump w/ 179"SL, 6- 1-1/2" weight rods, 20- 3/4" guided rods, 95- 3/4" plain rods, 97- 3/4" guided rods, 2', 6', 8' x 3/4" pony rod, 1-1/2" x 26' polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 5PM w/ 86" SL @ 4.5 spm w/ 558 bbls EWTR. Final Report.

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**Pertinent Files: Go to File List**

<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-72106
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> MONUMENT FED 43-7
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 4301331432000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1850 FSL 0850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 07 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

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: 3/28/2013	<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 checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" 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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 03/27/2013. Initial MIT on the above listed well. On 03/28/2013 the casing was pressured up to 1605 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not an EPA representative available to witness the test. EPA#  
UT22197-09939

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
April 09, 2013**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/1/2013	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 3/28/2013  
 Test conducted by: Cody Marx  
 Others present: \_\_\_\_\_

-09939

Well Name: <u>Monument Federal 43-7-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/SE</u> Sec: <u>7</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>Ut.</u>		
Operator: <u>Cody Marx</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test?     Yes     No  
 Initial test for permit?                 Yes     No  
 Test after well rework?                 Yes     No  
 Well injecting during test?             Yes     No      If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1605 psig

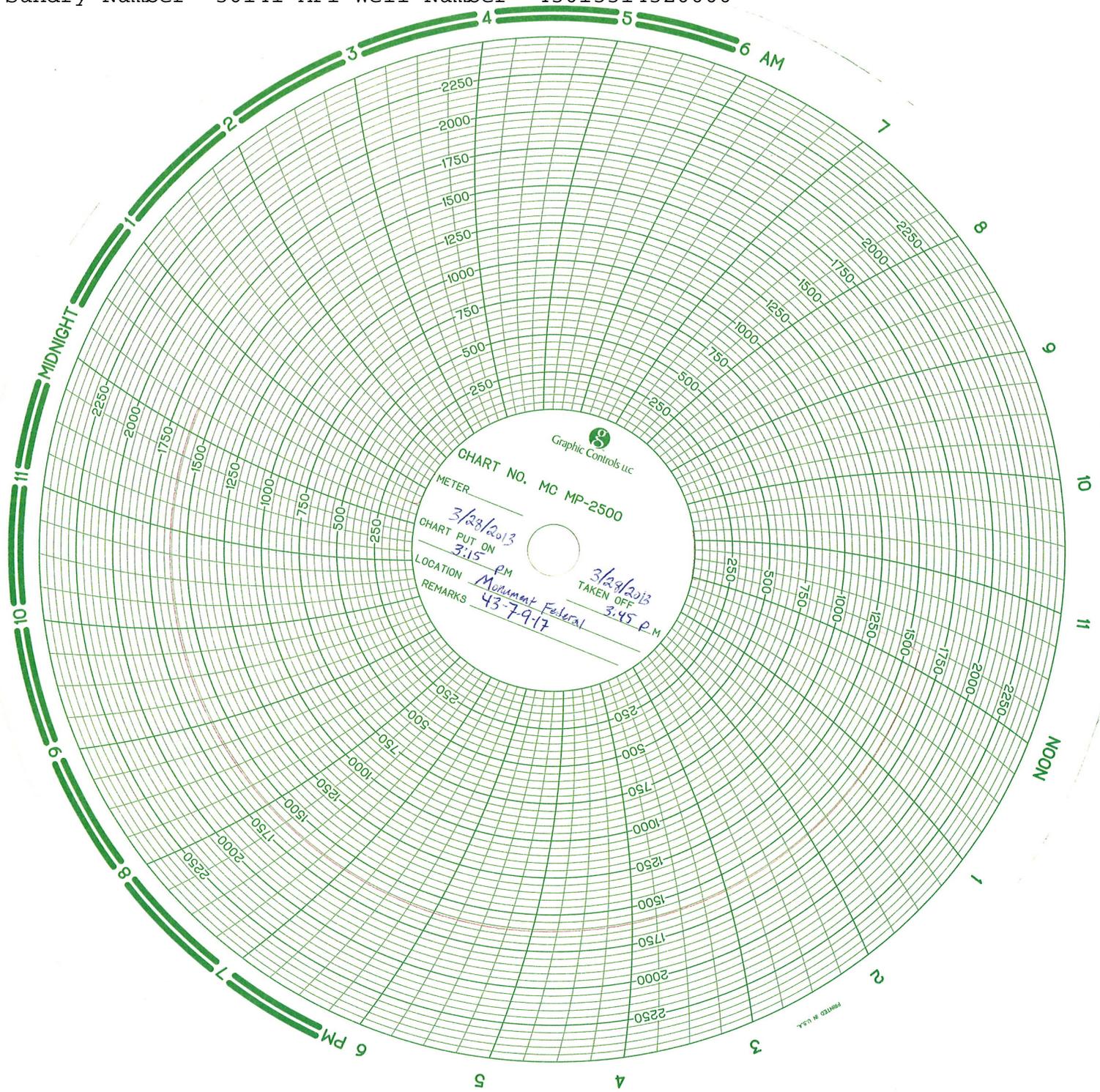
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>100</u> psig	psig	psig
End of test pressure	<u>100</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1605</u> psig	psig	psig
5 minutes	<u>1605</u> psig	psig	psig
10 minutes	<u>1605</u> psig	psig	psig
15 minutes	<u>1605</u> psig	psig	psig
20 minutes	<u>1605</u> psig	psig	psig
25 minutes	<u>1605</u> psig	psig	psig
30 minutes	<u>1605</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?     Yes     No

### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



Graphic Controls Inc.  
CHART NO. MC MP-2500  
METER \_\_\_\_\_  
CHART PUT ON 3/28/2013 3:15 PM  
LOCATION Monammit Federal  
REMARKS 43-7-9-17  
TAKEN OFF 3/28/2013 3:45 PM

PRINTED IN U.S.A.

**Daily Activity Report****Format For Sundry****MON 43-7-9-17****1/1/2013 To 5/30/2013****3/27/2013 Day: 1****Conversion**

wws#3 on 3/27/2013 - MIRU, unseat pump. Soft seat test - OK. LD rod string, pump. Release TAC, TOOH breaking, redoping 58 collars. - Crew travel, + safety meeting. Loam from 2-32-8-16 to 43-7-9-17 miru pump60 bbls down csg rd pumping unit bleed down well unseat pump w 8000 over string. Wt. flush red + tbgw40 bbls. Reseat pump, soft seat + test tbg to 3000 psi w9bbls tooh ld rods as follows. 1-1/2 x26 polish rods, 1-2. 1-6. x 3/4, pony rods 95 3/4 rods. 1-3/4 slick rods, 6-1/2 wt bars 7 stablizers + pump, flush 2 times on tooh, w total 40 bbls nd wellheadx-over to tbg equip, release tac nubops put tih to 5738 no new fill, ld extra tubing tooh breaking & redoping every collar total 54 jts. Flushed w 30 bbls tooh w tbg cwi @ 6;00. crew travel. - Crew travel, + safety meeting. Loam from 2-32-8-16 to 43-7-9-17 miru pump60 bbls down csg rd pumping unit bleed down well unseat pump w 8000 over string. Wt. flush red + tbgw40 bbls. Reseat pump, soft seat + test tbg to 3000 psi w9bbls tooh ld rods as follows. 1-1/2 x26 polish rods, 1-2. 1-6. x 3/4, pony rods 95 3/4 rods. 1-3/4 slick rods, 6-1/2 wt bars 7 stablizers + pump, flush 2 times on tooh, w total 40 bbls nd wellheadx-over to tbg equip, release tac nubops put tih to 5738 no new fill, ld extra tubing tooh breaking & redoping every collar total 54 jts. Flushed w 30 bbls tooh w tbg cwi @ 6;00. crew travel. - Crew travel, + safety meeting. Loam from 2-32-8-16 to 43-7-9-17 miru pump60 bbls down csg rd pumping unit bleed down well unseat pump w 8000 over string. Wt. flush red + tbgw40 bbls. Reseat pump, soft seat + test tbg to 3000 psi w9bbls tooh ld rods as follows. 1-1/2 x26 polish rods, 1-2. 1-6. x 3/4, pony rods 95 3/4 rods. 1-3/4 slick rods, 6-1/2 wt bars 7 stablizers + pump, flush 2 times on tooh, w total 40 bbls nd wellheadx-over to tbg equip, release tac nubops put tih to 5738 no new fill, ld extra tubing tooh breaking & redoping every collar total 54 jts. Flushed w 30 bbls tooh w tbg cwi @ 6;00. crew travel.

**Daily Cost:** \$0**Cumulative Cost:** \$15,697**3/28/2013 Day: 2****Conversion**

wws#3 on 3/28/2013 - ont tooh breaking and redoping every collar total 137 jts ld 43 jts plus BHA flush w/ 50 bbl - Cont tooh breaking and redoping every collar total 137 jts ld 43 jts plus BHA flush w/ 50 bbl on tooh put tih w/ bha tbg as following w/L re-entry guide xn nipple 2-3/8 pup jt x-over pkr on off tool PSN 137 jts tbg pump 10 bbl pad drop sv pump 29 bbl pressure tbg to 3000 psi get good test @3:30 fish sv nd bops land tbg w/ b-1 ada floor flange pump 50 bbl pkr fluid plus flush water set as-1 pkr w/ 15000 tension w/ psn - Cont tooh breaking and redoping every collar total 137 jts ld 43 jts plus BHA flush w/ 50 bbl on tooh put tih w/ bha tbg as following w/L re-entry guide xn nipple 2-3/8 pup jt x-over pkr on off tool PSN 137 jts tbg pump 10 bbl pad drop sv pump 29 bbl pressure tbg to 3000 psi get good test @3:30 fish sv nd bops land tbg w/ b-1 ada floor flange pump 50 bbl pkr fluid plus flush water set as-1 pkr w/ 15000 tension w/ psn - Cont tooh breaking and redoping every collar total 137 jts ld 43 jts plus BHA flush w/ 50 bbl on tooh put tih w/ bha tbg as following w/L re-entry guide xn nipple 2-3/8 pup jt x-over pkr on off tool PSN 137 jts tbg pump 10 bbl pad drop sv pump 29 bbl pressure tbg to 3000 psi get good test @3:30 fish sv nd bops land tbg w/ b-1 ada floor flange pump 50 bbl pkr fluid plus flush water set as-1 pkr w/ 15000 tension w/ psn **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$22,637**4/1/2013 Day: 3****Conversion**

Rigless on 4/1/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 03/28/2013 the casing was pressured up to 1600 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09939 - Initial MIT on the above listed well. On 03/28/2013 the casing was pressured up to 1600 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09939 - Initial MIT on the above listed well. On 03/28/2013 the casing was pressured up to 1600 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09939 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$47,971

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**Pertinent Files: [Go to File List](#)**

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-72106	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	
<b>1. TYPE OF WELL</b> Oil Well		<b>8. WELL NAME and NUMBER:</b> MONUMENT FED 43-7	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013314320000	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1850 FSL 0850 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESE Section: 07 Township: 09.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> The above reference well was put on injection at 2:45 PM on 04/11/2013. EPA # UT22197-09939			
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 01, 2013</b>			
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician	
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/19/2013		

Spud Date: 2/23/94  
 Put on Production: 3/30/94  
 GI.: 5399.4' KB: 5909.4'

# Balcron Monument Federal 43-7-9-17

Injection Wellbore Diagram

**SURFACE CASING**

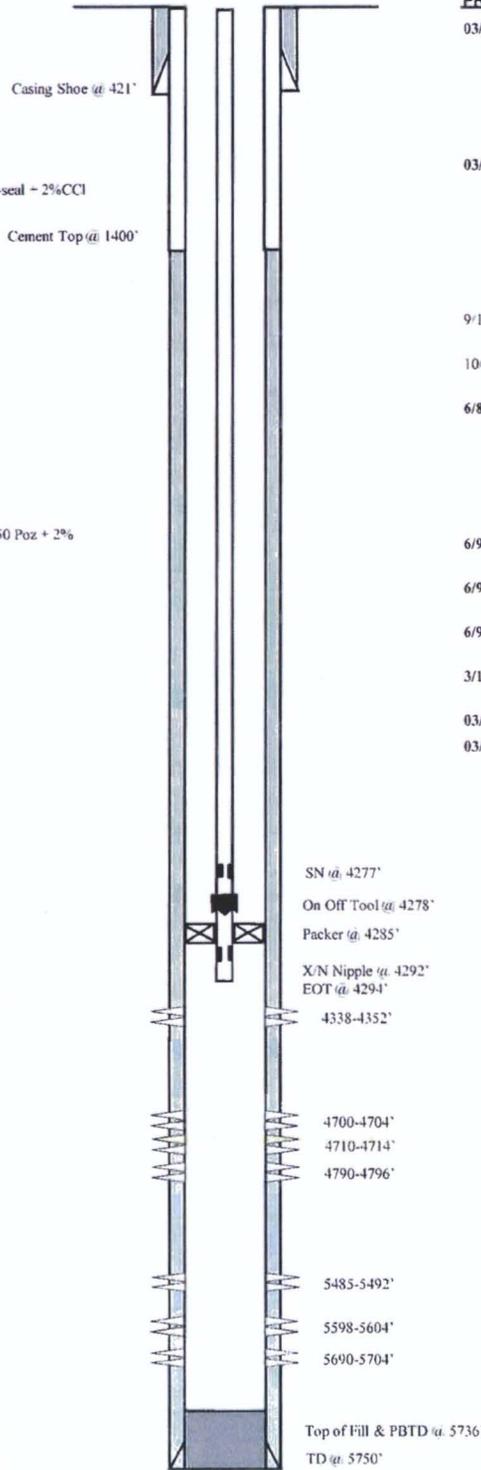
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 10 jts. (412.85')  
 DEPTH LANDED: 421'  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 250 sxs class "G" cmt + 1/4 # / sk cello-seal + 2%CCI

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5#  
 LENGTH: 132 jts. (5754.68')  
 DEPTH LANDED: 5750'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 203 sxs Class "G" tailed w/ 327 sxs 50-50 Poz + 2% gel + 10% salt + 1# /sk cello-seal.  
 CEMENT TOP AT: 1400' KB

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 137 jts (4267.4')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4277.4' KB  
 ON/OFF TOOL AT: 4278.5'  
 ARROW #1 PACKER CE AT: 4284.63'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4287.5'  
 TBG PUP 2-3/8 J-55 AT: 4288'  
 X/N NIPPLE AT: 4292.2'  
 TOTAL STRING LENGTH: EOT @ 4293.76'



**FRAC JOB**

03/17/95 4790'-4796' **Frac R5 sand as follows:**  
 6250 gal 2% KCl gel w/ 16200# 16/30.  
 Flush w/ 966 gal 2% KCl wtr.  
 SCREENED OUT w/ 5# on formation.  
 ATP-2750 psi, Max-5000#, ATR-19.8 bpm, Max-22.5 bpm, No ISIP recorded on screen out.

03/21/94 4338'-4352' **Frac Y5 sand as follows:**  
 10630 gal 2% KCl gel w/ 23600# 16/30.  
 Flush w/ 1134 gal 2% KCl wtr.  
 SCREENED OUT w/ 15500# on formation, 5670# of 5# on formatin.  
 ATP-2850 psi, Max-5200psi, ATR-25 bpm, Max-25.4 bpm, No ISIP recorded on screen out.

9/14/04 **Tubing Leak.** Update tubing & rod detail.

10/18/05 **Pump Change.** Update tubing and rod detail.

6/8/2009 5690-5704' **Frac CP5 w/ 39,605#s of 20-40 sand in 402 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 4195 @ ave rate of 16 bpm w/ 6 ppg of sand. ISIP was 1720 w/.74FG. 5 min was 1613. 10 min was 1577. 15 min was 1556. Actual flush: 1314 gals.**

6/9/2009 5598-5604' **Frac CP3 w/ 15282#s of 20-40 sand in 219 bbls of Lightning 17 frac fluid.**

6/9/2009 5485-5492' **Frac CP1 w/ 29873#s of 20-40 sand in 329 bbls of Lightning 17 frac fluid.**

6/9/2009 4700-4714' **Frac D2 w/ 32754#s of 20-40 sand in 350 bbls of Lightning 17 frac fluid.**

3/12/12 **Tubing Leak:** Updated rod & tubing detail

03/27/13 **Convert to Injection Well**

03/28/13 **Conversion MIT Finalized** - update tbg detail

**PERFORATION RECORD**

03/21/94 4338'-4352' 4 JSPP  
 03/17/94 4790'-4796' 4 JSPP  
 6/5/2009 4710-4714' 4 JSPP  
 6/5/2009 4700-4704' 4 JSPP  
 6/5/2009 5485-5492' 4 JSPP  
 6/5/2009 5598-5604' 4 JSPP  
 6/5/2009 5690-5704' 4 JSPP

**NEWFIELD**

**Balcron Monument Federal 43-7-9-17**  
 1850' FSL 850' FEL  
 NE/SE Section 7-T9S-R17E  
 Duchesne County, Utah  
 API #43-013-31432; Lease #UTU-72106

WELL NAME: **BALCRON MONUMENT FED. #43-7**

DATE : 11/11/95 vk

FIELD: Monument Butte Field (Beluga Unit)

FEDERAL LEASE NO.: UTU-72106

API NO.: 43-013-31432

LOCATION: NE SE Sec.7, T9S, R17E

FOOTAGE: 1850' FSL, 850' FEL

COUNTY/STATE: Duchesne County, Utah

WORKING INTEREST: 0.91491728

NET REVENUE INTEREST: 0.80471769 Oil  
 0.73108274 Gas

PRODUCING FORMATION: Green River

COMPLETION DATE: 3-30-94

SPUD DATE: 2-23-94

INITIAL PRODUCTION: 30 BO, 20 MCF, 15 BW

OIL GRAVITY: 34

OIL/GAS PURCHASER: Amoco - Oil

BHT:

PRESENT PROD STATUS: Prod

ELEVATIONS - GROUND: 5399.4' GL

KB: 5409.4' KB (10' KB)

TOTAL DEPTH: 5750' KB

PLUG BACK TD: 5,736' KB

**SURFACE CASING**

STRING: 1  
 CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24 #  
 LENGTH: 412.85' (10 jts)  
 DEPTH LANDED: 421' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 250 sxs class "G" + 2%  
 CCI + 1/4 #/sk cello seal

**PRODUCTION CASING**

STRING: 1  
 CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 15.5 lbs  
 LENGTH: 5754.68' (132 jts)  
 DEPTH LANDED: 5,750' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 203 sxs class "G" + 4% Thrity  
 lite + 3% salt + (3# CSE + 1/4  
 # celloseal) / sk tailed by 327 sxs  
 50/50 Poz + 2%gel + 10%salt  
 + 1 #/sk celloseal

**TUBING RECORD**

SIZE/GRADE/WT.: 2-7/8" J-55 / 6.5#  
 NO. OF JOINTS: 138 jts (4292.58')  
 TUBING ANCHOR: 2.35' (20" tension)  
 NO. OF JOINTS: 17 jts (527.34')  
 SEATING NIPPLE: 2-7/8" x 1.10'  
 PERFORATED SUB: 2-7/8" x 3.2'  
 MUD ANCHOR: 1 jt (30.07')  
 TOTAL STRING LENGTH: 4856.64' KB  
 SN LANDED AT: 4833.37' KB  
 EOT: 4866.64' KB

CEMENT TOP AT: 1400' KB per CBL.

**PERFORATION RECORD**

4338' - 4352'	3/21/94	(14')	4 SPF	Y5
4790' - 4796'	3/17/94	(6')	4 SPF	R5

**ACID JOB / BREAKDOWN JOB**

4790' - 4796' 3/17/95 500 gal 15% HCL w/ 48 ball sealers, Balled off. ATP-2200 psi, Max-3300#, ATR-20 bpm, Max-20.4bpm, ISIP-1900psi, 5min-1400 psi.

4338' - 4352' 3/21/94 500 gal 15% HCL w/ 75 ball sealers, Balled off. ATP-2600 psi, Max-4200#, ATR-6 bpm, Max-6.4bpm, ISIP-1100 psi.

**SUCKER ROD RECORD**

POLISHED ROD: 1-1/4" x 22' SM  
 SUCKER RODS: 193 - 3/4" x 25' Plain D-61

TOTAL ROD STRING LENGTH: 4841.5'

PUMP NUMBER: #1043 (Trico)  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC  
 w/ PA plunger

STROKE LENGTH: 89"  
 PUMP SPEED, SPM: 4-3/4 SPM  
 PUMPING UNIT SIZE: Lufkin LM 228D-213-86T  
 PRIME MOVER: Ajax E-42 CMA

LOGS: Gamma Ray-Collar Log;  
 Dual Laterolog-MSFL-  
 Gamma Ray, Integrated  
 Porosity Lithology Log,  
 Side Wall Core, Azimuthal  
 Laterolog-Gamma Ray  
 w/ Linear Correlation Log

**FRAC JOB**

4790' - 4796' 3/17/95 6250 gal 2% KCl gel w/ 16,200 # 16/30, Flush w/ 966 gal 2% KCl wtr. SCREENED OUT w/ 5# on formation. ATP-2750psi, Max-5000#, ATR-19.8bpm, Max-22.5bpm, No ISIP recorded on screen out.

4338' - 4352' 3/21/94 10,603 gal 2% KCl gel w/ 23,600 # 16/30. Flush w/ 1134 gal 2% KCl wtr. SCREENED OUT w/ 15,500# on formation, 5670# of 5# on formation. ATP-2850psi, Max-5200 psi, ATR-25 bpm, Max-25.4 bpm, No ISIP recorded on screen out.