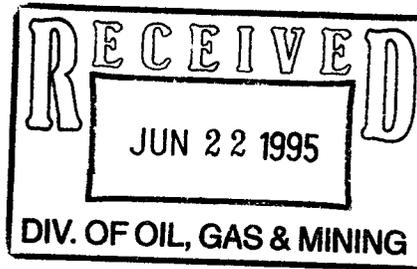




**EQUITABLE RESOURCES  
ENERGY COMPANY**

**BALCRON OIL DIVISION**

1601 Lewis Avenue  
Billings, MT 59102



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

**June 20, 1995**

**-- 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 #14-3-9-17Y**

**Balcron Monument Federal #22-20-9-18Y**

**As Operator, we hereby request that the status of these wells be held tight for the maximum period allowed by regulations.**

**Archeological surveys have been ordered on these wells, and the reports will be sent to you as soon as they have been completed.**

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

**Sincerely,**

*Bobbie Schuman*

**Bobbie Schuman  
Regulatory and  
Environmental Specialist**

**/hs**

**Enclosures**

**cc: ~~Equitable Resources Energy Company, Division of Oil, Gas and Mining~~**

JUN 22 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

DEPARTMENT OF OIL, GAS & MINING  
LEASE IDENTIFICATION AND SERIAL NO.

Federal #U-64917

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 Division

3. ADDRESS OF OPERATOR  
 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: SE NW Section 20, T9S, R18E 1980' FNL,  
 At proposed prod. zone: 1980' FVL

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.  
 #22-20-9-18Y

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 20, T9S, R18E

12. COUNTY OR PARISH  
 Uintah

13. STATE  
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 19 miles southwest of Myton, Utah

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH  
 5,400'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5,122' GL

22. APPROX. DATE WORK WILL START\*  
 10/1/95

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached Drilling Program/Casing Design				

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

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

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

24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE June 20, 1995  
 Bobbie Schuman

(This space for Federal or State office use)

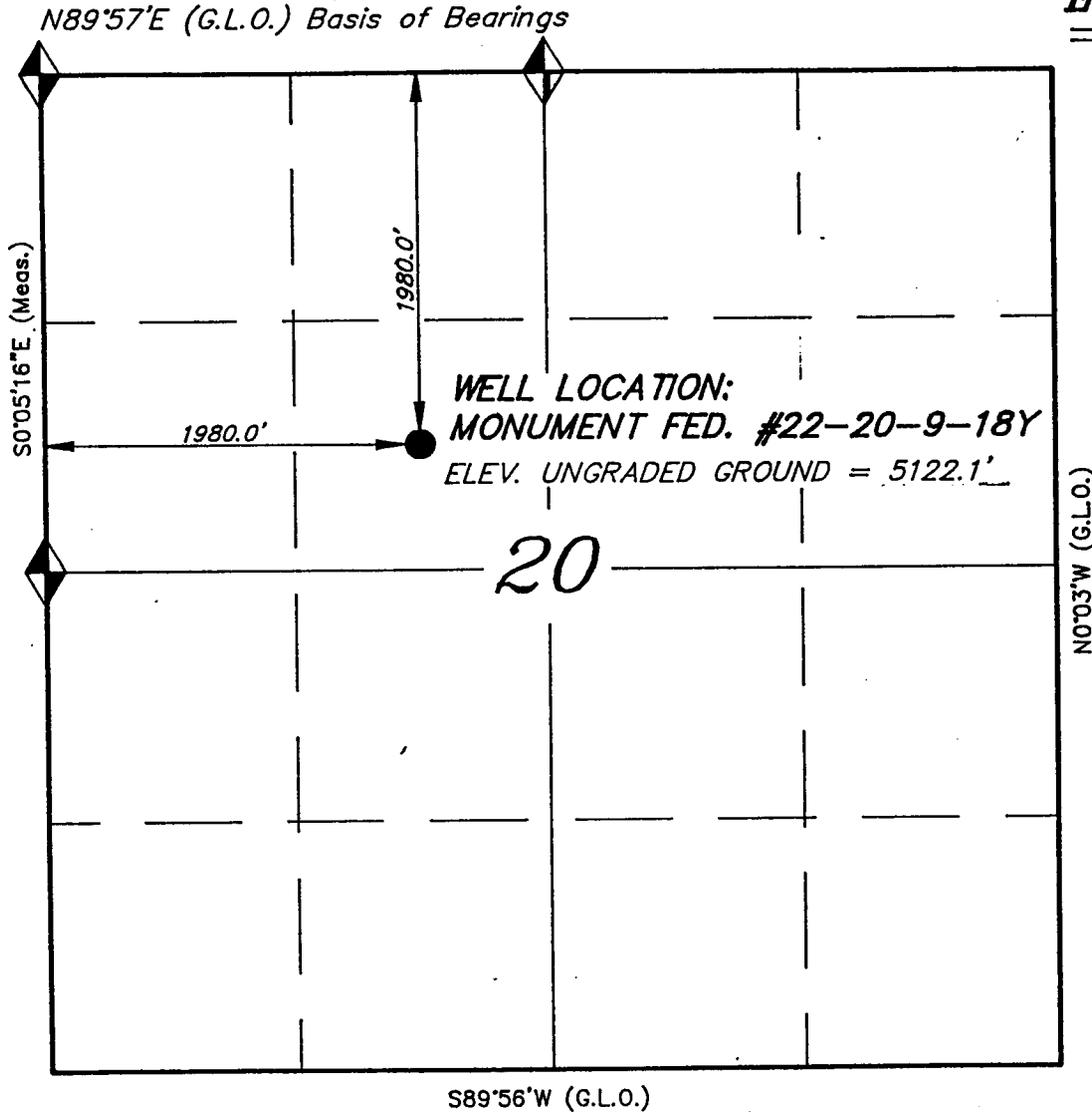
PERMIT NO. 43-047-32711 APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature] TITLE Petroleum Engineer DATE 7/27/95  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

**T9S, R18E, S.L.B.&M.**

***EQUITABLE RESOURCES ENERGY CO.***

WELL LOCATION, MONUMENT FEDERAL,  
#22-20-9-18Y, LOCATED AS SHOWN  
IN THE SE 1/4 NW 1/4 OF SECTION 20,  
T9S, R18E, S.L.B.&M. UINTAH 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.

**GENE STEWART**  
REGISTERED SURVEYOR  
REGISTRATION No. 4410  
STATE OF UTAH



= SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. DATED 1909

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

**TRI STATE LAND SURVEYING & CONSULTING**

38 EAST 200 NORTH, VERNAL, UTAH 84078

(801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: GS DA

DATE: 5/27/95

WEATHER: RAINY & COOL

NOTES:

FILE 22-20YL

EXHIBIT "K"

## EXHIBITS

- A PROPOSED DRILLING PROGRAM
- B PROPOSED SURFACE USE PROGRAM
- C GEOLOGIC PROGNOSIS
- D DRILLING PROGRAM/CASING DESIGN/WELLBORE DIAGRAM
- E HAZMAT DECLARATION
- F EXISTING & PLANNED ACCESS ROADS (MAPS A & B)
- G WELLSITE LAYOUT
- H BOPE SCHEMATIC
- I EXISTING ROADS (MAP C)
- J PROPOSED PRODUCTION FACILITY DIAGRAM
- K SURVEY PLAT
- L LAYOUT/CUT & FILL DIAGRAM

6/19/95

# **CONFIDENTIAL**

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

**Equitable Resources Energy Company,  
Balcron Oil Division  
1601 Lewis Avenue  
Billings, MT 59102  
(406) 259-7860**

**PROPOSED DRILLING PROGRAM**

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Monument Federal #22-20-9-18Y  
SE NW Section 20, T9S, R18E  
Uintah 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: 1.00, 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 attachment:

Drilling Program/Casing Design (EXHIBIT "D")

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.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

**SURFACE USE PROGRAM**

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Monument Federal #22-20-9-18Y  
SE NW Section 20, T9S, R18E  
Uintah County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. **EXISTING ROADS:**

- a. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south on the Sand Wash road for approximately 18.0 miles to a road intersection. Turn right and proceed 0.9 to a road intersection. Turn left and continue 0.6 miles to a road intersection. Turn left and proceed 0.3 miles to existing location Balcron Monument Federal #12-20Y and follow flags 0.3 miles to location.
- b. Existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. **PLANNED ACCESS ROADS:** See EXHIBIT "F" Maps A & B

- a. Approximately 0.3 miles of new access is required.
- b. No gates, cattleguards, or fence cuts and/or modifications to existing facilities will be required.
- c. All travel will be confined to location and access routes.
- d. Width: Maximum 30' overall right-of-way with an 18' running surface.
- e. Maximum grade: < 8%

- f. Turnouts: None
- g. Drainage design: Low water crossing if necessary.
- h. No culverts or bridges are necessary.
- i. Surface materials: Any surface materials which are required will be native materials from the location and/or access site.
- j. All access roads and surface disturbing activities will 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 shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. This shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. If necessary prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Road drainage crossings will be of the typical dry creek draining crossing type. Crossings, if necessary, will be designed so they will not cause siltation or 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 will not be done during muddy conditions. Should mud holes develop, they will be filled in and detours around them will be avoided.

- e. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.
- b. All above-ground facilities will be painted earthtone color Desert Brown #10Y/R in accordance with the Munsell Soil Color chart within six months of the well completion unless prior written approval to proceed with another alternative has been granted via Sundry Notice.
- c. See EXHIBIT "J" for the Proposed Production Facility Diagram.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.

- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.
- c. The reserve pit will be lined. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing,

but only after the drilling is completed and the drilling equipment and personnel are off the location.

- e. The reserve pit will be located on the North side of the location.
- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the South side between Corners 1 and 2.
- h. Access to the wellpad will be from the West between corners 2 and 3.
- i. All pits will be fenced according to the following minimum standards:
  - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
  - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
  - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
  - d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be contacted prior to commencement of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed and all trash will be removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

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

12. OTHER INFORMATION:

- a. An Archeology Survey will be provided as soon as it is completed.
- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources

Energy Company's Balcron Oil Division will suspend operations in the vicinity of the discovery and immediately report the finding to the BLM District Office.

- c. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- d. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.
- e. If a silt catchment dam is necessary, it will be flagged by the BLM and have the location noted in the Conditions of Approval.

13. OPERATOR'S REPRESENTATIVES:

Equitable Resources Energy Company, Balcron Oil Division  
1601 Lewis Avenue  
Billings, Montana 59102  
(8:00 a.m. to 5:00 p.m.)  
(406) 259-7860  
FAX: (406) 245-1361

Dave McCoskery, Operations Manager	Home: (406) 248-3864
	Mobile: (406) 698-3732
Dale Griffin, Operations Supervisor	Mobile: (801) 828-7291
	Home: (801) 781-1018

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 Equitable Resources Energy Company's Balcron Oil Division 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.

June 20, 1995  
Date

Bobbie Schuman  
Bobbie Schuman  
Regulatory and Environmental  
Specialist  
Equitable Resources Energy  
Company, Balcron Oil Division

/rs





**EQUITABLE RESOURCES  
ENERGY COMPANY**  
BALCRON OIL DIVISION

**DRILLING PROGRAM**

**WELL NAME:** Balcron Monument Fed.#22-20-9-18Y  
**PROSPECT/FIELD:** Eight Mile Flats  
**LOCATION:** SE NW Section 20 Twn. 9S Rge. 18E  
**COUNTY:** Uintah  
**STATE:** Utah

**DATE:** 6-15-95

**TOTAL DEPTH:** 5400'

**HOLE SIZE INTERVAL**

12 1/4"	Surface to 260'
7 7/8"	260' to 5400'

CASING STRING TYPE	INTERVAL		CASING		
	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260'	8 5/8"	24	J55
Production Casing	0	5400'	5 1/2"	15.50	K55

**CEMENT PROGRAM**

Surface Casing	150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele. (Cement will be circulated to surf.)
Production Casing	250 sacks Thrifty Lite and 400 sacks 50-50 Poz. (Actual cement volumes will be calculated from caliper log with cement top at 2000')

**PRELIMINARY  
DRILLING FLUID PROGRAM**

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and Air Mist	0	260'	N.A.	N.A.	N.A.
Air/Airmist/KCl wtr	260'	5400'	8.7-8.9	N.A.	N.A.

**COMMENTS**

1.) No Cores or DSTs are planned for this well.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: #22-20-9-18Y
Project ID:	Location: Uintah/Utah

Design Parameters:

Mud weight ( 9.00 ppg) : 0.468 psi/ft  
 Shut in surface pressure : 1985 psi  
 Internal gradient (burst) : 0.100 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

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

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,400	5-1/2"	15.50	K-55	ST&C	5,400	4.825		
	Load (psi)	Collapse Strngth (psi)	S.F.	Burst Load (psi)	Min Int Strngth (psi)	Yield S.F.	Load (kips)	Tension Strngth (kips)	S.F.
1	2525	4040	1.600	2525	4810	1.90	83.70	222	2.65 J

Prepared by : McCoskery, Billings, MT

Date : 06-16-1995

Remarks :

Minimum segment length for the 5,400 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and 2,525 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

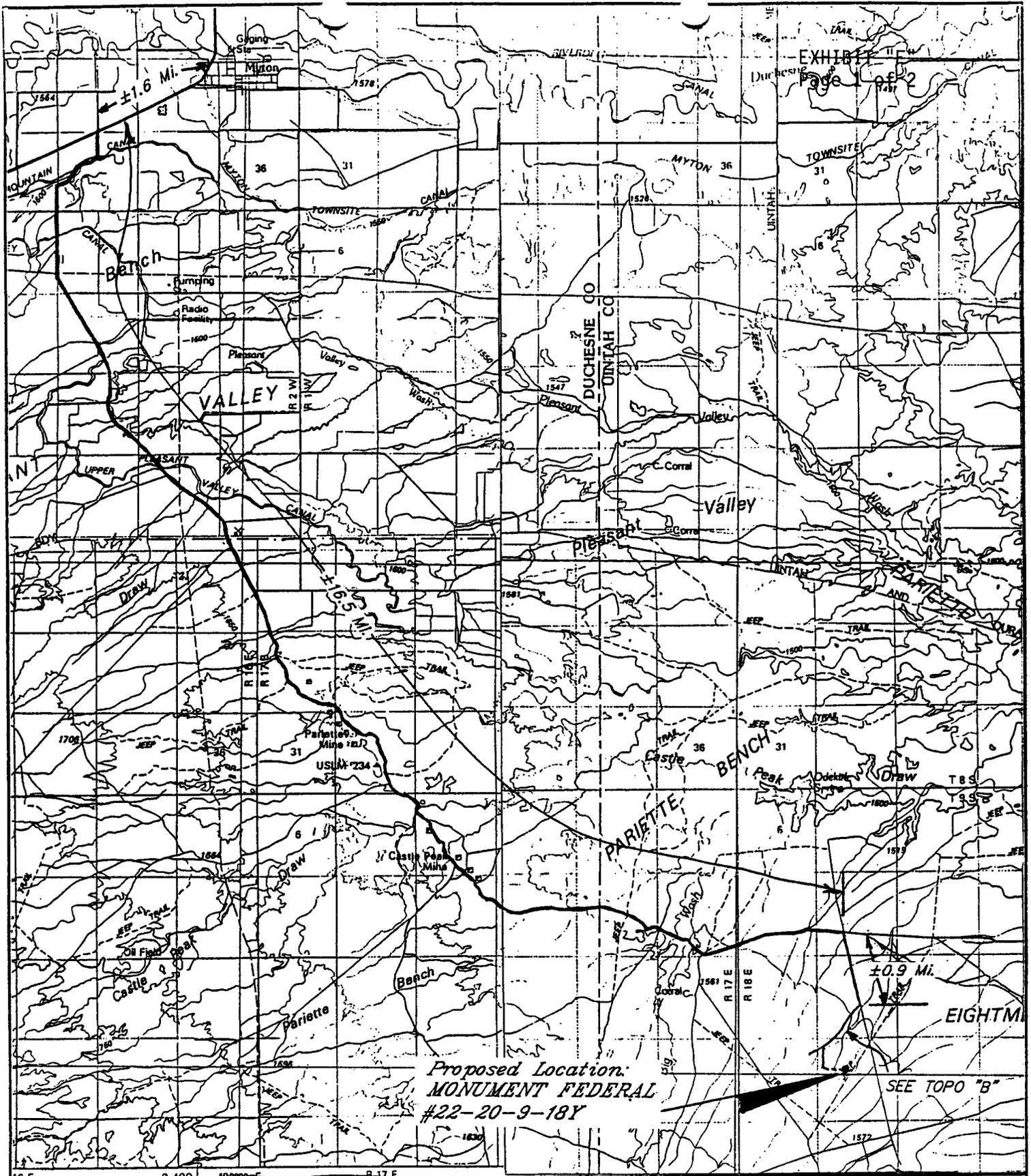


EXHIBIT  
Page 1 of 2

Proposed Location:  
MONUMENT FEDERAL  
#22-20-9-18Y

SEE TOPO "B"

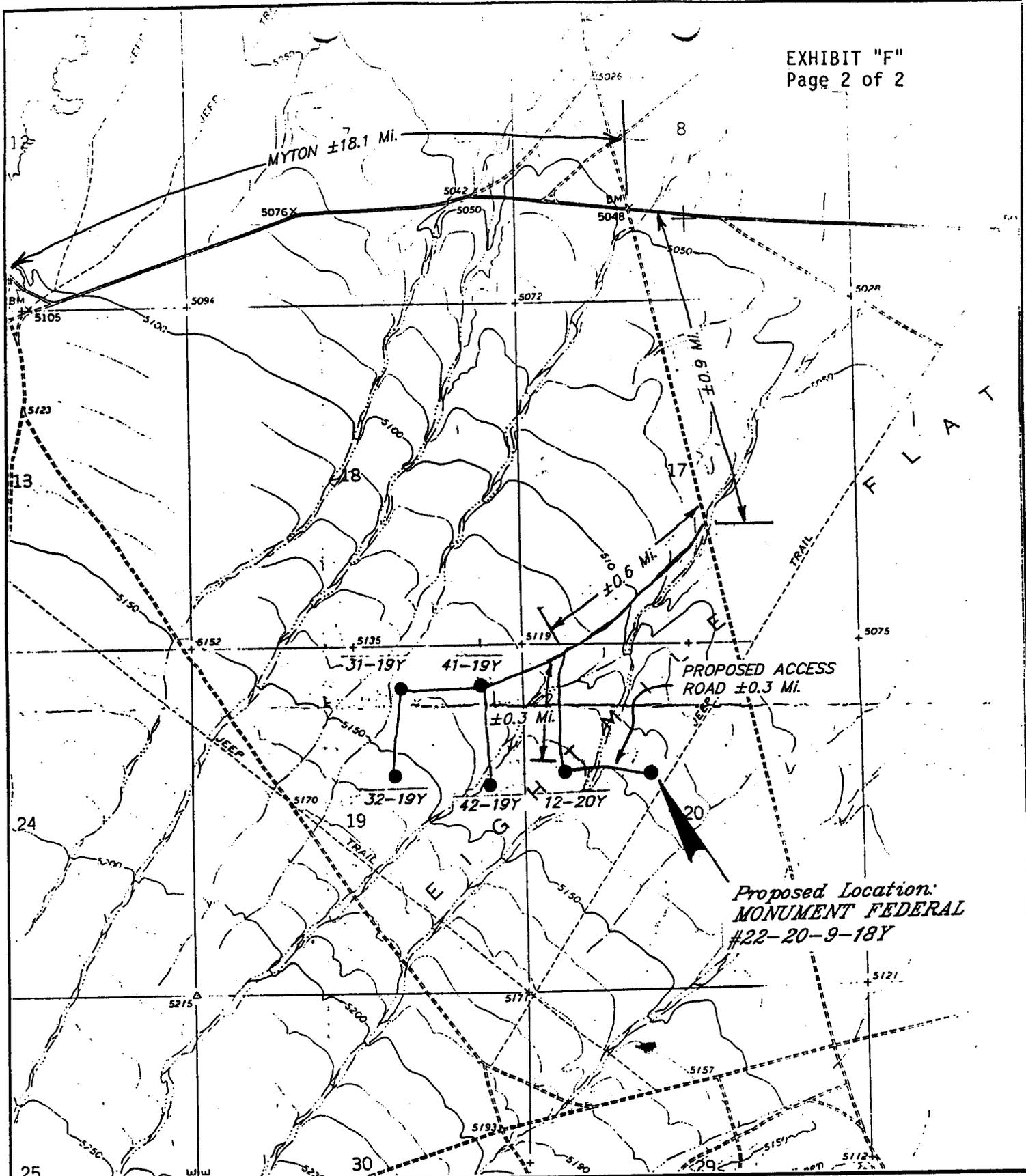
***EQUITABLE RESOURCES CO.***

MONUMENT FEDERAL #22-20-9-18Y  
SEC. 20, T9S, R18E, S.L.B.&M.  
TOPO "A"



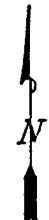
***Tri State***  
Land Surveying, Inc.  
(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



**EQUITABLE RESOURCES CO.**

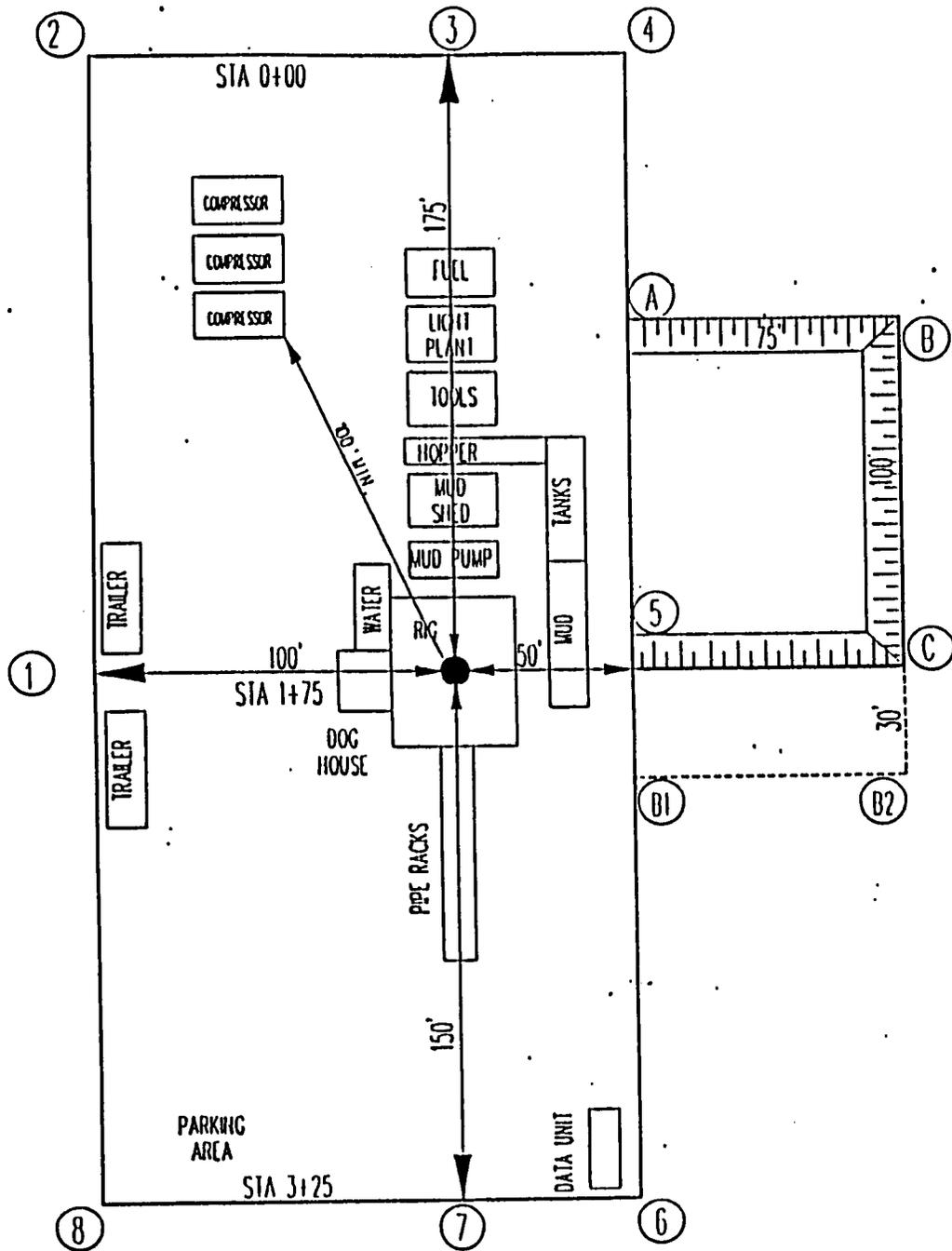
MONUMENT FEDERAL #22-20-9-18Y  
SEC. 20, T9S, R18E, S.L.B.&M.  
TOPO "B"



**Tri State**  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078

SCALE: 1" = 2000'

# EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



UNION DRILLING RIG #17

Hex Kelly -

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000  
BLIND RM. PIPE RM

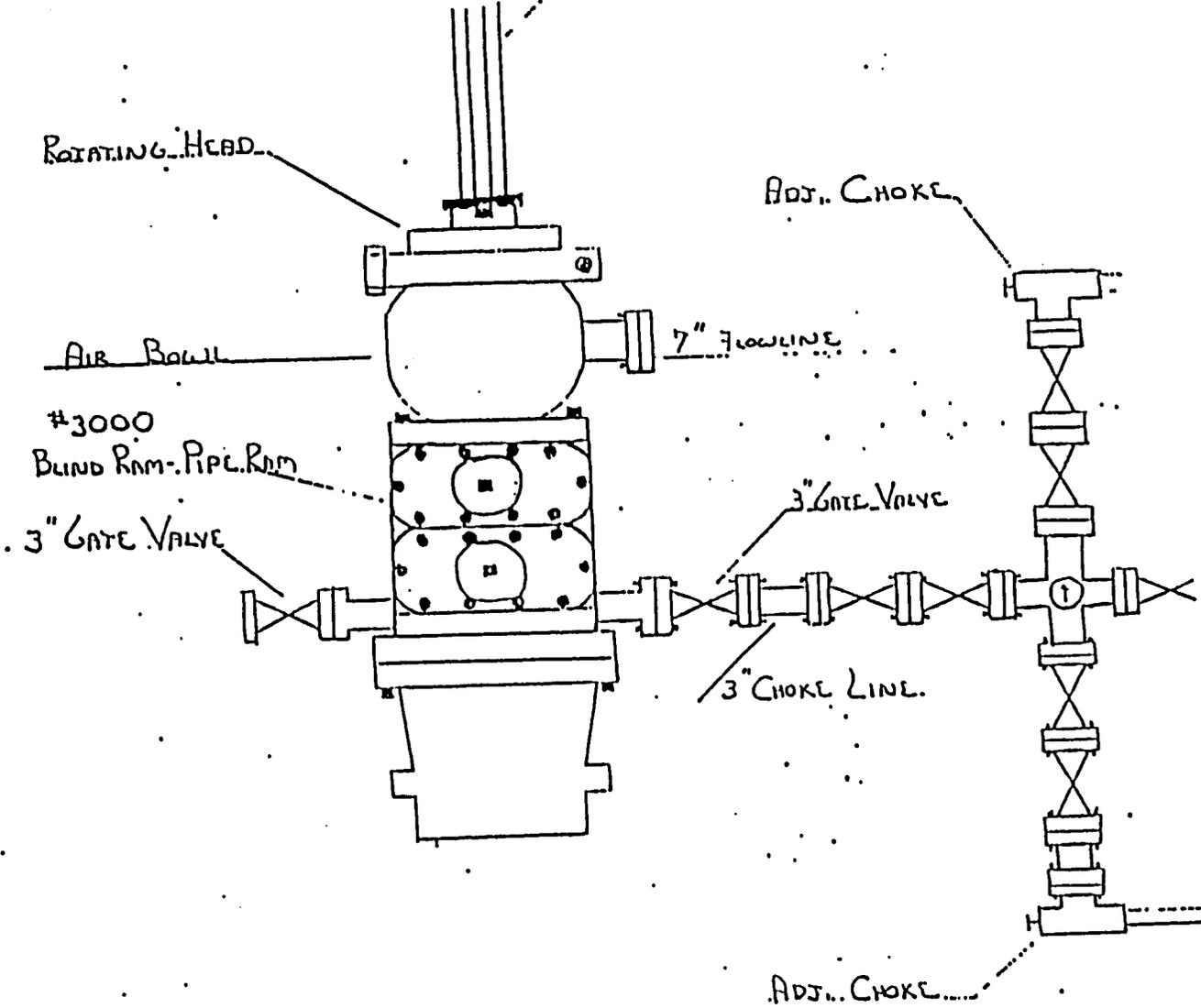
3" GATE VALVE

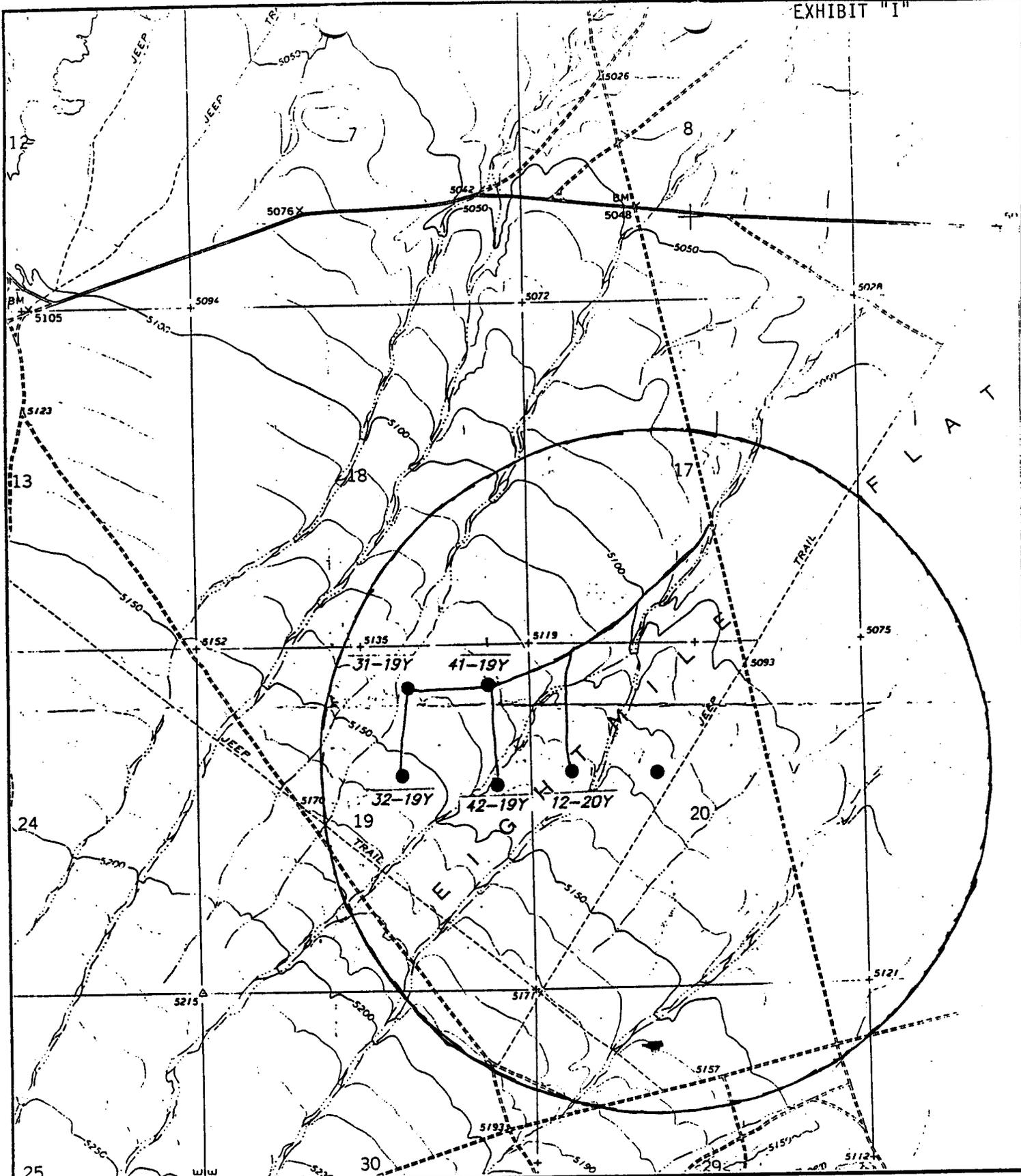
3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

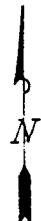
#3000 STACK





***EQUITABLE RESOURCES CO.***

MONUMENT FEDERAL #22-20-9-18Y  
SEC. 20, T9S, R18E, S.L.B.&M.  
TOPO "C"



SCALE: 1" = 2000'

***Tri State***  
*Land Surveying, Inc.*  
(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

Equitable Resources Energy Company  
 Balcron Federal 22-20-9-18Y  
 Proposed Production Facility Diagram

EXHIBIT "J"

Balcron Federal 22-20-9-18Y  
 SE NW Sec. 20, T9S, R18E  
 Uintah County, Utah  
 Federal Lease #U-64917  
 1980' FNL, 1980' FWL

Access Road

**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

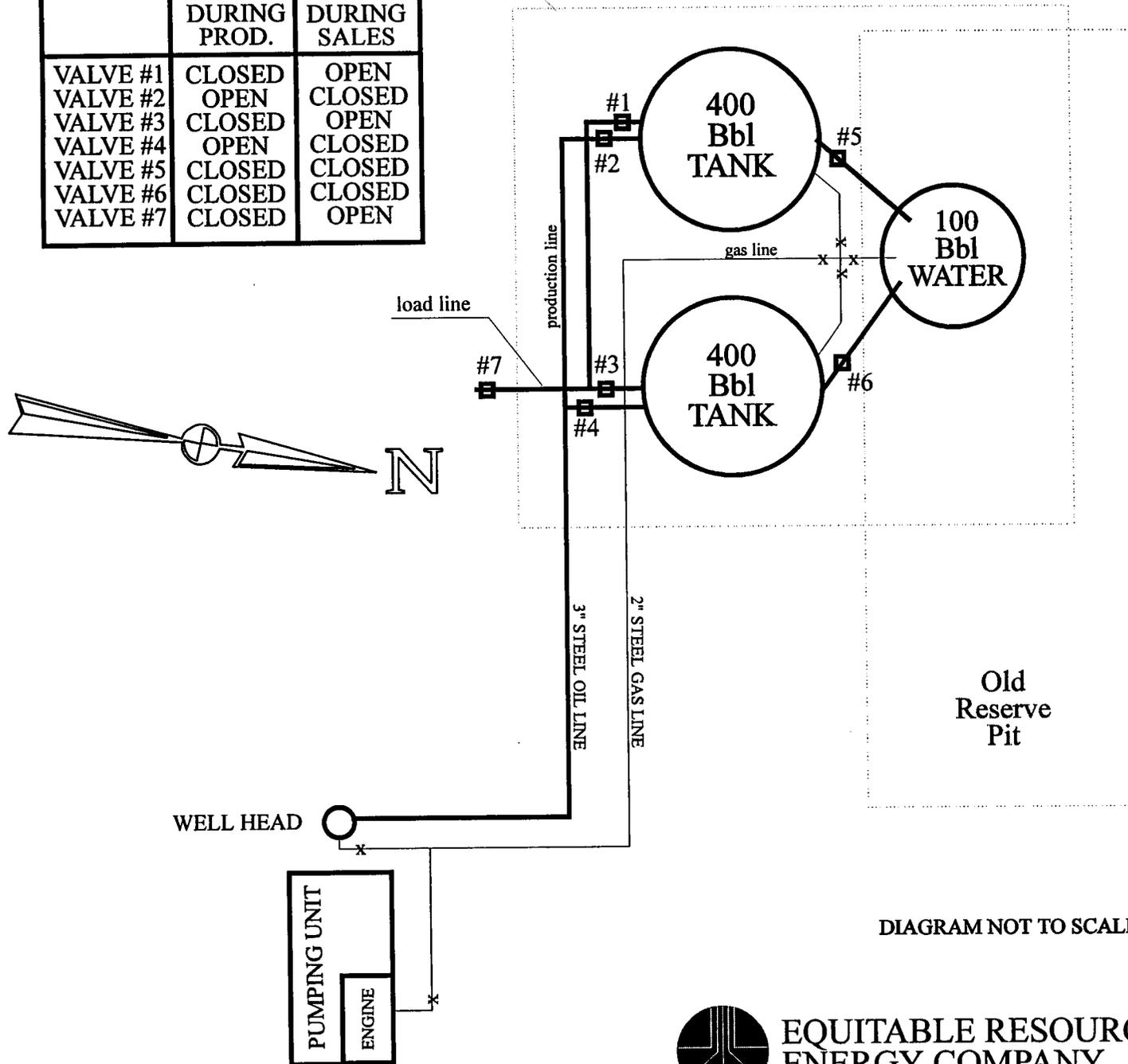


DIAGRAM NOT TO SCALE



**EQUITABLE RESOURCES ENERGY COMPANY**

BALCRON OIL DIVISION  
 1601 Lewis Avenue  
 Billings, MT 59104  
 (406) 259-7860



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #22-20-9-18Y

42-047-32711

Section 20, T9S, R18E, SLB&M

Uintah County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

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

June 24, 1994

PALEONTOLOGY REPORT FOR EQUITABLE RESOURCES CO. MONUMENT FEDERAL #22-20-9-18Y,  
Section 20, T9S, R18E, S.L.B.&M, Uintah Co., Utah.

Description of Geology and Topography-

This well location is 12 miles south and 7 miles east of Myton, Utah. This location is on Eight Mile Flat, an area covered by Pleistocene pediment deposits of sand and rock fragments. There are no exposures of Uinta Formation here. This type of surface was designated Type 3 (low) paleontological sensitivity in the paleontology report for the Expanded Monument EA.

There are no known fossils from these Pleistocene sediments in this area. It is possible that Pleistocene fossils could occur, but, given the current information available, the probability seems quite low. If fossils are encountered during work in these Pleistocene sediments, they would be very important. A paleontologist should be called to evaluate them.

A visit was made to the location to confirm the surface cover, and it was determined that a paleontology survey was not necessary for this location.

Recommendations-

No recommendations are being made for paleontology at this location.

Allen H. Hamblin  
Paleontologist

Date June 24, 1995



**CULTURAL RESOURCE EVALUATION  
OF NINE PROPOSED WELL LOCATIONS AND  
ACCESS ROUTES IN THE CASTLE PEAK DRAW AND  
EIGHT MILE FLAT LOCALITIES  
OF DUCHESNE & UINTAH COUNTIES, UTAH**

Report Prepared for Balcron Oil Company

Dept. of Interior Permit No.: UT-95-54937  
AERC Project 1489 (BLCR-95-5)

Utah State Project No.: UT-95-AF-306b,s

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

July 12, 1995

## **ABSTRACT**

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of nine proposed well locations and access routes (Balcron Monument State well #21-2-9-17; Balcron Monument Federal wells #12-24-8-17, 23-24-18-17, 11-20-9-18Y, 22-20-9-18Y, 14-3-9-17Y, 11-10-9-17Y, 12-10-9-17Y and 21-10-9-17Y ). These evaluated locations are situated on Utah State and federally administered lands located in the Pariette Draw, Castle Peak Draw and Eight-mile Flat localities of Duchesne and Uintah Counties, Utah. This evaluation involved a total of 105.75 acres, of which 90 acres are associated with the well pads and an additional 15.75 acres are associated with five access road rights-of-way. These evaluations were conducted by Glade Hadden of AERC on July 5, 6 and 7, 1995.

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

Two newly identified prehistoric cultural resource activity loci were discovered and recorded during the examinations. 42Dc 906 is a significant rockshelter site located outside the immediate development zone of Monument Federal well #12-10-9-17Y. 42Un 2237 is a non-significant lithic scatter located on the well pad and access road of Monument Federal well #12-24-8-17.

No isolated artifacts were noted during the investigations.

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

# **TABLE OF CONTENTS**

	<b>page</b>
Abstract . . . . .	ii
Table of Contents . . . . .	iii
List of Maps of the Project Area . . . . .	iv
General Information . . . . .	1
Project Location . . . . .	1
Environmental Description . . . . .	7
Previous Research in the Locality . . . . .	8
File Search . . . . .	8
Prehistory and History of the Cultural Region . . . . .	8
Site Potential in the Project Development Zone . . . . .	8
Field Evaluations . . . . .	9
Methodology . . . . .	9
Site Significance Criteria . . . . .	9
Results of the Inventory . . . . .	10
42Dc 906 . . . . .	10
42Un 2237 . . . . .	10
Conclusion and Recommendations . . . . .	12
References . . . . .	13

**MAP 1: GENERAL BALCRON  
PROJECT LOCALITY  
IN DUCHESNE & UINTAH COUNTIES  
UTAH**

**PROJECT:** BLCR - 95 - 5  
**SCALE:** see below  
**QUAD:** UG & MS Map 43  
**DATE:** July 12, 1995



UTAH

T. multiple  
R. multiple

Meridian: Salt Lake B & M

(After PHYSIOGRAPHIC SUBDIVISIONS  
OF UTAH by W.L. Stokes)

**LIST OF MAPS OF THE PROJECT AREA**

	page
MAP 1: General Balcron Project Locality in Duchesne and Uintah Counties, Utah . . . . .	2
MAP 2: Cultural Resource Survey of Balcron Units 12-24 and 23-24 in the Pariette Draw Locality Uintah of County, Utah . . . . .	3
MAP 3: Cultural Resource Survey of Balcron Units 14-3, 11-10, 12-10, 21-2 and 21-10 in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah . . . . .	4
MAP 4: Cultural Resource Survey of Balcron Units 14-3, 11-10 and 12-10 in the Castle Peak Draw Locality of Duchesne County, Utah . . . . .	5
MAP 5: Cultural Resource Survey of Balcron Units 11-20 and 22-20 in the Eight Mile Flat Locality of Uintah, County Utah . . . . .	6

## GENERAL INFORMATION

On July 5, 6 and 7, 1995, AERC archaeologist Glade Hadden conducted an intensive cultural resource evaluation for Balcron Oil Company of Billings Montana. This examination involved nine proposed well locations (Balcron Monument State well #21-2-9-17; Balcron Monument Federal wells #12-24-8-17, 23-24-18-17, 11-20-9-18Y, 22-20-9-18Y, 14-3-9-17Y, 11-10-9-17Y, 12-10-9-17Y and 21-10-9-17Y ) and associated access roads. The project area is in the Pariette Draw, Castle Peak Draw and Eight Mile Flat localities south east of Myton, Utah (see Map 1). A total of 105.75 acres was examined which include 80 acres associated with the Federal well pads and 13.3 acres associated with the access routes situated on federal lands administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah. An additional 10 acres are associated with the Monument State well pad and 2.45 acres associated with the access route situated in a State Section administered by the Utah Division of State Lands and Forestry.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and associated access routes requires an archaeological evaluation 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 State Antiquities Section.

### Project Location

The project location is in the Pariette and Castle Peak Draw localities of Duchesne and Uintah Counties, Utah, and the Eight Mile Flat locality of Uintah County. All of the evaluated wells and access routes are situated on the Pariette Draw SW and Myton SE 7.5 minute topographic quads (see Maps).

Balcron Monument State #21-2-9-17 is situated in the SE quarter of the NE quarter of the NW quarter of Section 2, Township 9 South, Range 17 East SLBM, together with ca. 0.2 miles of access route (see Map 3).

**MAP 1: GENERAL BALCRON  
PROJECT LOCALITY  
IN DUCHESNE & UINTAH COUNTIES  
UTAH**

**PROJECT: BLCR - 95 - 5  
SCALE: see below  
QUAD: UG & MS Map 43  
DATE: July 12, 1995**



**UTAH**

**T. multiple**

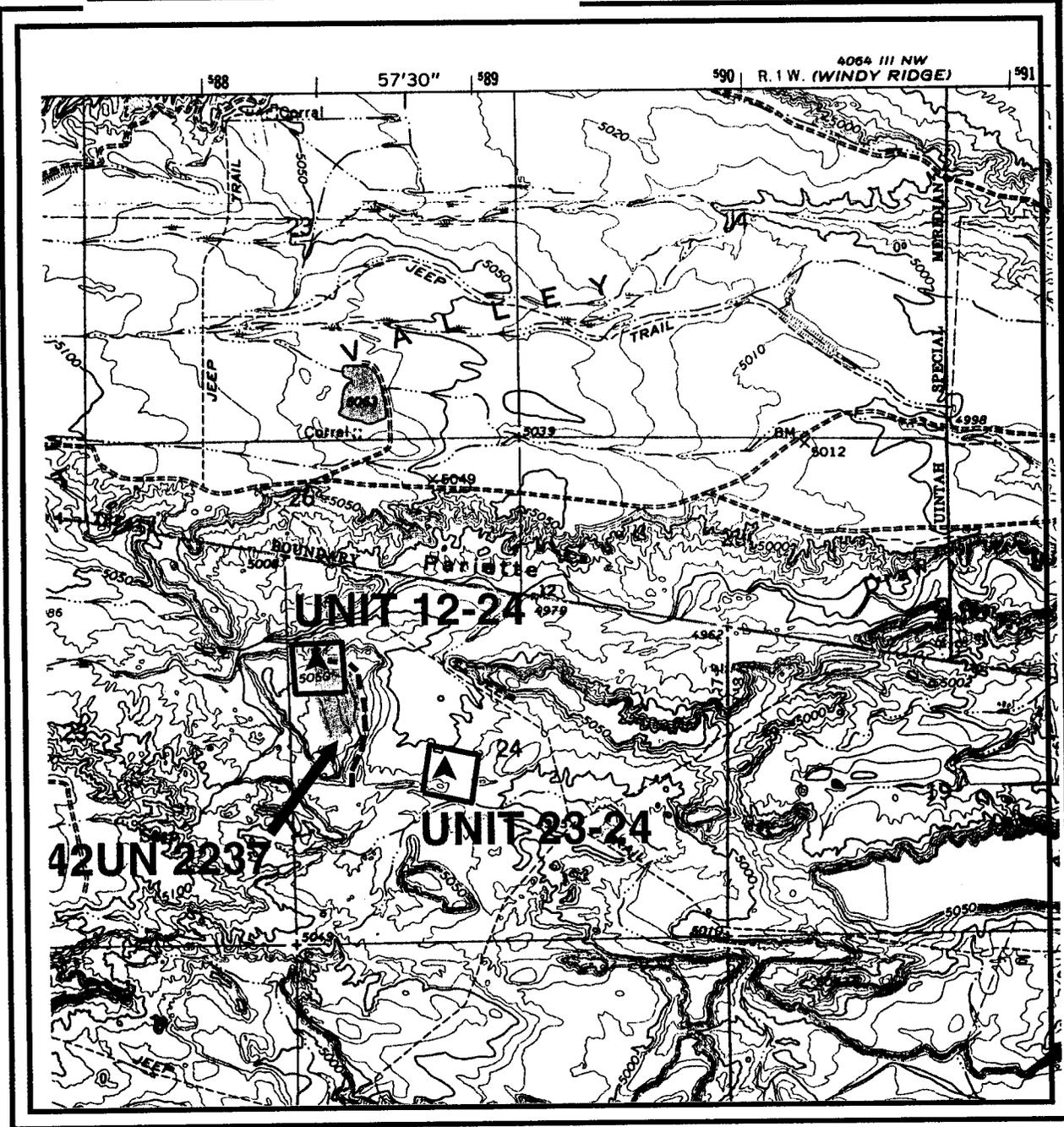
**R. multiple**

**Meridian: Salt Lake B & M**

**(After PHYSIOGRAPHIC SUBDIVISIONS  
OF UTAH by W.L. Stokes)**

**MAP 2: CULTURAL RESOURCE SURVEY  
OF BALCRON UNITS 12-24 & 23-24  
IN THE PARIETTE DRAW LOCALITY  
OF UINTAH COUNTY, UTAH**

**PROJECT:** BLCR - 95 - 5  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SW, Utah  
**DATE:** July 12, 1995



T. 8 South  
R. 17 East  
Meridian: Salt Lake B. & M.

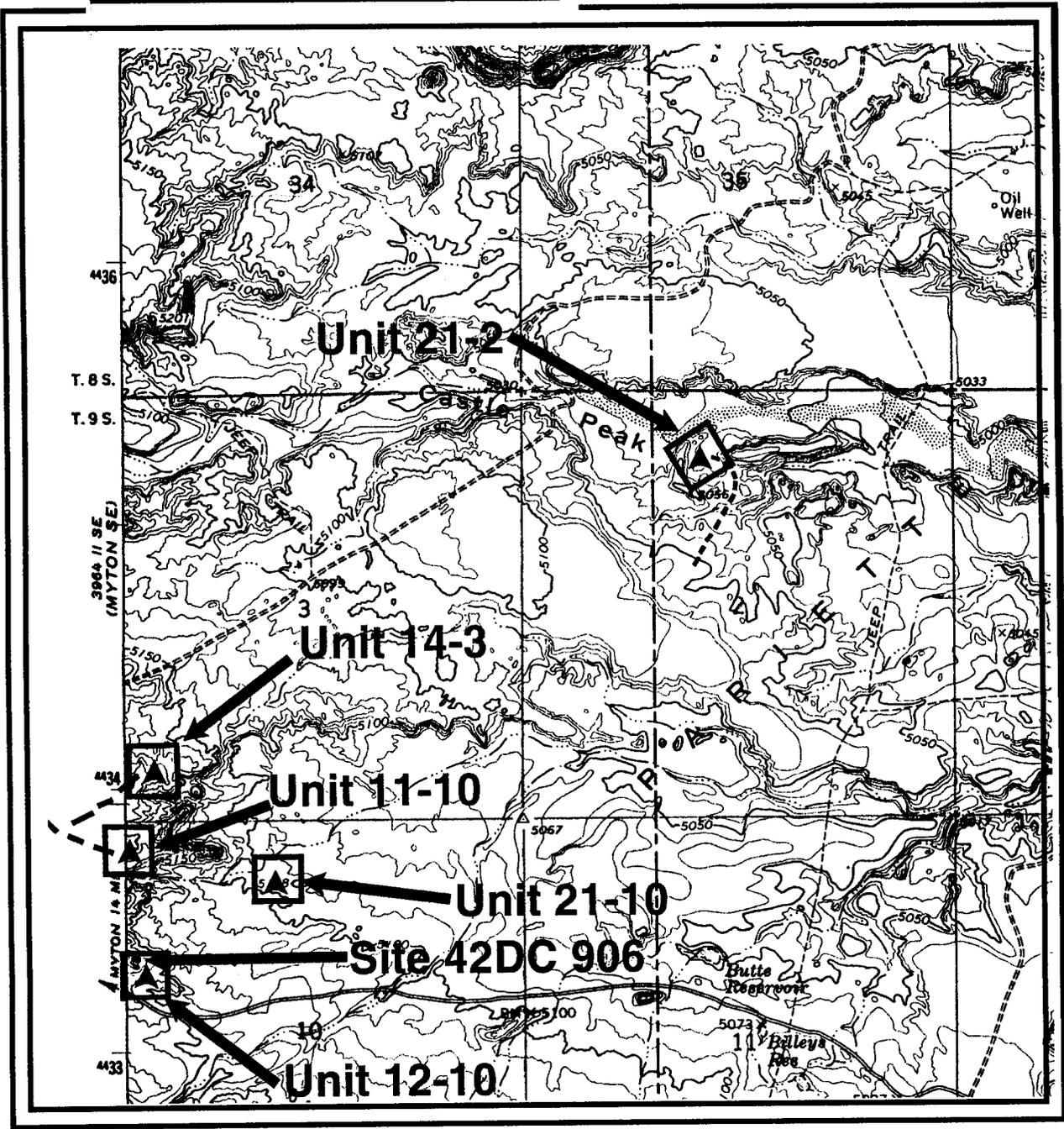
**LEGEND:**

- Well Location
- Access Route
- Cultural Site

Ten Acre  
Survey  
Area

**MAP 3: CULTURAL RESOURCE SURVEY  
OF BALCRON UNITS 14-3, 11-10,  
12-10, 21-2 & 21-10 IN THE  
CASTLE PEAK DRAW LOCALITY OF  
DUCHESNE & UINTAH COUNTIES, UTAH**

**PROJECT:** BLCR - 95 - 5  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SW, Utah  
**DATE:** July 12, 1995



T. 8 & 9 South  
R. 17 East  
Meridian: Salt Lake B. & M.

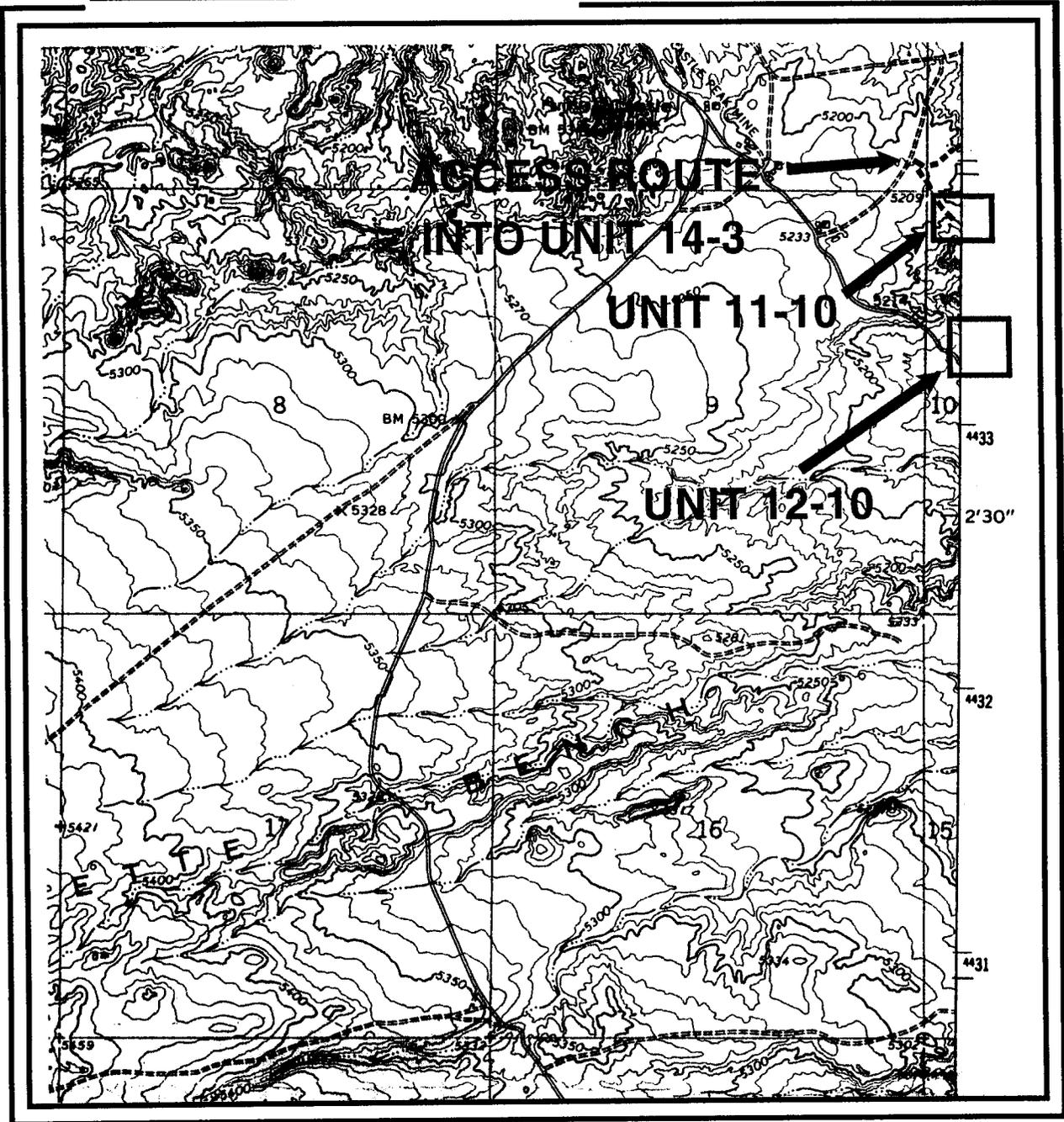
**LEGEND:**

- Well Location
- Access Route
- Cultural Site

Ten Acre  
Survey  
Area

**MAP 4: CULTURAL RESOURCE SURVEY  
OF BALCRON UNITS 14-3, 11-10, & 12-10  
IN THE CASTLE PEAK DRAW LOCALITY  
OF DUCHESNE COUNTY, UTAH**

**PROJECT:** BLCR - 95 - 5  
**SCALE:** 1:24,000  
**QUAD:** Myton SE, Utah  
**DATE:** July 12, 1995



**T. 9 South**  
**R. 17 East**  
**Meridian: Salt Lake B. & M.**

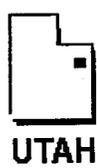
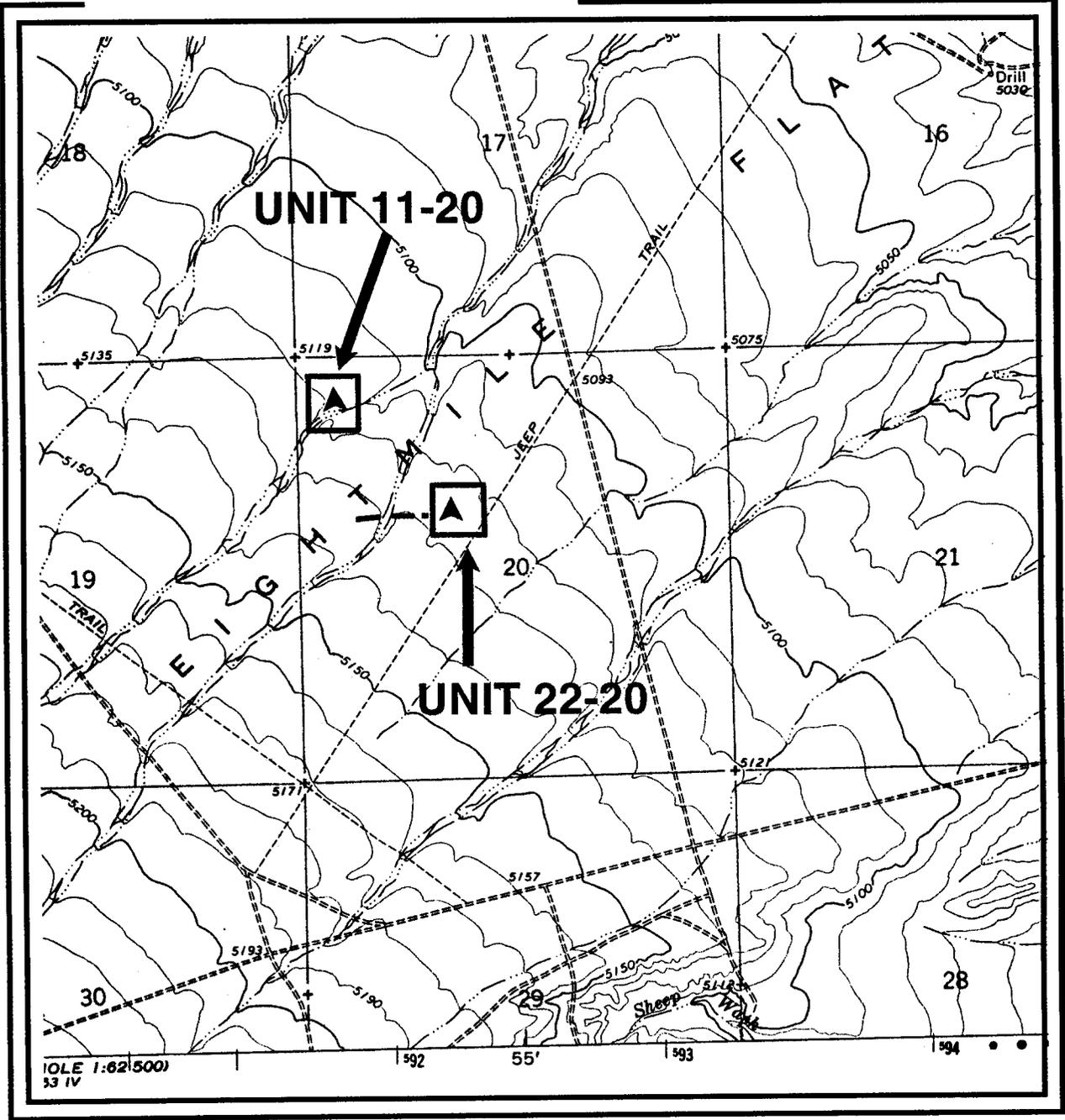
**LEGEND:**  
Well Location ▲  
Access Route - - - - -

Ten Acre Survey Area □

**MAP 5: CULTURAL RESOURCE SURVEY  
OF BALCRON UNITS 11-20 & 22-20  
IN THE EIGHT MILE FLAT LOCALITY  
OF Uintah COUNTY, UTAH**



**PROJECT:** BLCR - 95 - 5  
**SCALE:** 1:24,000  
**QUAD:** Parlette Draw SW, Utah  
**DATE:** July 12, 1995



T. 9 South  
 R. 18 East  
 Meridian: Salt Lake B. & M.

**LEGEND:**

- Well Location
- Access Route
- Ten Acre Survey Area

Balcron Monument Federal #12-24-8-17 is situated in the NW quarter of the SW quarter of the NW quarter of Section 24, Township 8 South, Range 17 East SLBM, together with ca. 0.4 miles of access route (see Map 2).

Balcron Monument Federal #23-24-8-17 is situated in the NW quarter of the NE quarter of the SW quarter of Section 24, Township 8 South, Range 17 East SLBM (see Map 2).

Balcron Monument Federal #11-20-9-18Y is situated in the NW quarter of the NW quarter of the NW quarter of Section 20, Township 9 South, Range 18 East SLBM (see Map 5).

Balcron Monument Federal #22-20-9-18Y is situated in the Center of the SE quarter of the NW quarter of Section 20, Township 9 South, Range 18 East SLBM, together with ca. 0.3 miles of access route (see Map 5).

Balcron Monument Federal #14-3-9-17Y is situated in the SE quarter of the SW quarter of the SW quarter of Section 3, Township 9 South, Range 17 East SLBM, together with ca. 0.2 miles of access route (see Maps 3 and 4).

Balcron Monument Federal #11-10-9-17Y is situated in the NW quarter of the NW quarter of the NW quarter of Section 10, Township 9 South, Range 17 East SLBM, together with ca. 0.2 miles of access route (see Maps 3 and 4).

Balcron Monument Federal #12-10-9-17Y is situated in the Center of the SW quarter of the NW quarter of Section 10, Township 9 South, Range 17 East SLBM (see Maps 3 and 4).

Balcron Monument Federal #21-10-9-17Y is situated in the SE quarter of the NE quarter of the NW quarter of Section 10, Township 9 South, Range 17 East SLBM (see Map 3).

#### Environmental Description

The project area is within the 5000 to 5200 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project localities.

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

The geological associations within the project area consist of fluvial 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 June 16, 1995. A similar search was conducted in the Vernal District Office of the BLM on June 20, 1995. 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/ Eight Mile Flat/ Pariette Draw localities. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf. Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994).

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

## FIELD EVALUATIONS

### Methodology

Intensive evaluations consisted of the archaeologist walking a series of 10 to 20 meter-wide transects across an area associated with each ten acre well pad. Access routes are evaluated by the archaeologist walking a pair of 10 to 15 meter-wide transects on either side of the flagged access route rights of way. Thus, a 30 meter-wide or 100 foot-wide corridor (ca. 15.75 acres) was examined for the various proposed access roads, in addition to the 90 acres inventoried on the well pads.

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

### Site Significance Criteria

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

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

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*

- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*  
*d. that have yielded, or may be likely to yield, information important in prehistory or history.*

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

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

#### Results of the Inventory

Two prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations.

**Site 42DC 906** consists of a shallow rockshelter and an associated scatter of burned stone, lithic debitage, one core and one biface, all contained within a ca. 10 x 10 meter area. The rock shelter faces toward the north and overlooks a large tributary basin/drainage into Castle Peak Draw.

This is a Significant site. The site contains the potential for having buried features and multi-component contexts, and thus the site qualifies for nomination to the National Register of Historic Places under criterion d of Title 36 CFR 60.6 and exhibits research potential.

This site is associated with Balcron's Monument Federal well #12-10-9-17Y. It is located outside the proposed development zone, but may receive secondary impacts in the form of increased visibility and access due to the development of this well. AERC recommends that a mitigation plan should be implemented, including surface mapping and excavation of buried cultural deposits prior to the commencement of any construction on Monument Federal well 12-10-9-17Y.

**Site 42UN 2237** consists of an extensive (ca. 250 x 150 meter) lithic scatter sparsely distributed across the top of a large, dune-covered ridge. Artifacts include primary, secondary and tertiary flakes, no tools and no features. Most of the debitage is exposed on the surface, with some revealed in small blowout depressions.

**This is not a significant site. This site has lost most of the original context and contains little potential for having intact buried features or multi-component contexts. The site does not qualify under any of the criteria of Title 36 CFR 60.6.**

**42Un 2237 is located on the well pad and access route of Monument Federal well #12-24-8-17. Although this is not a significant site, there remains the potential for the discovery of significant deposits within the extensive dune field across much of the location. For this reason, AERC recommends that a qualified archaeologist be present during the initial blading and sub-surface disturbance of the well pad and access route associated with this site. If significant deposits are discovered during this operation, the appropriate mitigation measures should be taken.**

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

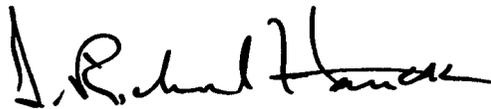
**No diagnostic or non-diagnostic isolated artifacts were observed or recorded during the evaluation.**

## **CONCLUSION AND RECOMMENDATIONS**

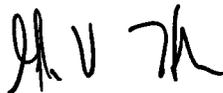
One known significant cultural resources may be adversely impacted during the development and operation of Balcron Well Unit 12-10-9-17Y. No other known significant cultural resources will be adversely impacted during the development and operation of the remaining Balcron Well Units as evaluated during this AERC project.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the development of these proposed drilling locations and the associated access routes based upon adherence to the following stipulations:

1. a mitigation plan should be implemented for Site 42Dc 906, including surface mapping and excavation of buried cultural deposits, prior to the commencement of any construction on Monument Federal well 12-10-9-17Y;
2. a qualified archaeologist should be present during the initial blading and sub-surface disturbance of the Monument Federal 12-24-8-17 well pad and access route associated with site 42Un 2237. If significant deposits are discovered during this operation, the appropriate mitigation measures should be taken;
3. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
4. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
5. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



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



Glade V Hadden  
Field Supervisor

## **REFERENCES**

Fike, Richard E. and H. Blaine Phillips II

- 1984 "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.

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.
- 1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1984a Excavation (in) "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, ( Richard E. Fike and Blaine Phillips II editors and principal authors) Salt Lake City.
- 1984b Cultural Resource Evaluations of Seven Proposed Well Locations Situated in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Overthrust Oil and Royalty Company, OORC-84-1, Archaeological-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.

**Hauck, F. Richard and Glade V Hadden**

- 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.
- 1993e 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, BLCR-93-11, Archaeological-Environmental Research Corporation, Bountiful.
- 1994a Cultural Resource Evaluation of Eight Proposed Wells in the Pleasant Valley Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-3 Archaeological-Environmental Research Corporation, Bountiful.
- 1994b Cultural Resource Evaluation of Proposed Water Injection Line Lateral Segments in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-94-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1994c Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Pariette Draw - Castle Peak Draw - Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1994d Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Castle Peak Draw and Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report Prepared for Balcron Oil Company, BLCR-94-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1994e Cultural Resource Evaluation of Two Proposed Balcron Monument State Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Balcron Oil Company, BLCR-94-10b, Archaeological-Environmental Research Corporation, Bountiful.

1994f Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report Prepared for Balcron Oil Company, BLCR-94-11, Archaeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Norman, V. Garth

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

Hauck, F. Richard and Dennis Weder

1989 Pariette Overlook -- A Paleo-Indian Quarry Site in the Pariette Draw Locality of Uintah County, Utah. AERC Paper No. 42, of the Archeological-Environmental Research Corporation, Bountiful.

Stokes, W. L.

1977 Physiographic Subdivisions of Utah. Map 43, Utah Geological and Mineral Survey, Salt Lake.

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/22/95

API NO. ASSIGNED: 43-047-32711

WELL NAME: BALCRON MON FED 22-20-9-18Y  
 OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:  
 SENW 20 - T09S - R18E  
 SURFACE: 1980-FNL-1980-FWL  
 BOTTOM: 1980-FNL-1980-FWL  
 UINTAH COUNTY  
 EIGHT MILE FLAT NORTH FIELD (590)

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

LEASE TYPE: FED  
 LEASE NUMBER: U-64917

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Y Plat  
Y Bond: Federal  State  Fee   
 (Number 55 47188 )  
N Potash (Y/N)  
N Oil shale (Y/N)  
Y Water permit  
 (Number PRIVATE WELL )  
N RDCC Review (Y/N)  
 (Date: \_\_\_\_\_ )

LOCATION AND SITING:

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

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

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

**STATE OF UTAH**

<b>Operator: EQUITABLE RESOURCES</b>	<b>Well Name: BALCRON MON FED 22-2</b>
<b>Project ID: 43-047-32711</b>	<b>Location: SEC. 20 - T09S - R18E</b>

**Design Parameters:**

Mud weight ( 8.90 ppg) : 0.462 psi/ft  
 Shut in surface pressure : 2181 psi  
 Internal gradient (burst) : 0.059 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using buoyed weight  
 Service rating is "Sweet"

**Design Factors:**

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	5,400	5.500	15.50	K-55	ST&C	5,400	4.825		
	<b>Load (psi)</b>	<b>Collapse Strgth (psi)</b>	<b>S.F.</b>	<b>Burst Load (psi)</b>	<b>Min Int Strgth (psi)</b>	<b>Yield S.F.</b>	<b>Tension Load (kips)</b>	<b>Strgth (kips)</b>	<b>S.F.</b>
1	2497	4040	1.618	2497	4810	1.93	72.31	222	3.07 J

Prepared by : MATTHEWS, Salt Lake City, UT  
 Date : 07-27-1995  
 Remarks :

Minimum segment length for the 5,400 foot well is 1,000 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 101°F (Surface 74°F , BHT 128°F & temp. gradient 1.000°/100 ft.)  
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,497 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 1987 pricing model. (Version 1.06)

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

Operator: EQUITABLE RES. Lease: State: \_\_\_\_\_ Federal: X Indian: \_\_\_\_\_ Fee: \_\_\_\_\_  
Well Name: BALCRON FED 22-20-9-18Y API Number: 43-047-32711

Section: 20 Township: 9S Range: 18E County: UINTAH Field: MONUMENT BUTTE  
Well Status: POW Well Type: Oil: X Gas: \_\_\_\_\_

**PRODUCTION LEASE EQUIPMENT: (NUMBER)**

Boiler(s): \_\_\_\_\_ Compressor(s): \_\_\_\_\_ Separator(s): \_\_\_\_\_ Dehydrator(s): 1  
Shed(s): \_\_\_\_\_ Line Heater(s): \_\_\_\_\_ Heated Separator(s): \_\_\_\_\_ VRU: \_\_\_\_\_  
Heater Treater(s): 1

**PUMPS:**

Triplex: \_\_\_\_\_ Chemical: \_\_\_\_\_ Centrifugal: 1

**LIFT METHOD:**

Pumpjack: X Hydraulic: \_\_\_\_\_ Submersible: \_\_\_\_\_ Flowing: \_\_\_\_\_

**GAS EQUIPMENT: (NUMBER)**

Purchase Meter: 0 Sales Meter: 0

**TANKS:**

	NUMBER	SIZE	
Oil Storage Tank(s):	<u>2</u>	<u>400</u>	BBLS
Water Tank(s):	_____	_____	BBLS
Power Water Tank:	_____	_____	BBLS
Condensate Tank(s):	_____	_____	BBLS
Propane Tank:	<u>1</u>		

**Central Battery Location: (IF APPLICABLE)**

Qtr/Qtr: \_\_\_\_\_ Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

REMARKS: CASINGHEAD GAS USED FOR FUEL WITH PROPANE FOR BACKUP. PIT TANK ON LOCATION TO BE PUT IN PLACE WHEN RESERVE PIT IS CLOSED. OIL TANKS HAVE BURNERS.

Inspector: DAVID W. HACKFORD

Date: 3/8/96

↑  
North

Reserve Pit

Top Soil

22-141 50 SHEETS  
22-142 100 SHEETS  
22-144 200 SHEETS

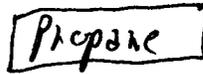


Oil tanks

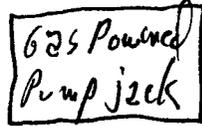
Berm



Heater  
Treater



Propane



Gas Powered  
Pump Jack



wellhead

Access



**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)

July 27, 1995

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, Montana 59102

Re: Balcron Monument Federal #22-20-9-18Y Well, 1980' FNL, 1980' FWL, SE NW,  
Sec. 20, T. 9 S., R. 18 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32711.

Sincerely,

R. J. Firth  
Associate Director

ldc

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office  
WAPD



**Operator:** Equitable Resources Energy Company

**Well Name & Number:** Balcron Monument Federal #22-20-9-18Y

**API Number:** 43-047-32711

**Lease:** Federal U-64917

**Location:** SE NW Sec. 20 T. 9 S. R. 18 E.

### **Conditions of Approval**

#### **1. General**

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

#### **2. Notification Requirements**

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

#### **3. Reporting Requirements**

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

5. LEASE DESIGNATION AND SERIAL NO.

Federal #U-64917

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.

#22-20-9-18Y

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

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

Sec. 20, T9S, R18E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK

DRILL

DEEPEN

PLUG BACK

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

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

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

At surface

SE NW Section 20, T9S, R18E 1980' FNL,  
1980' FWL

At proposed prod. zone

42-047-32711

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 19 miles southwest of Myton, Utah

15. DISTANCE FROM PROPOSED\*

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

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

19. PROPOSED DEPTH

5,400'

20. ROTARY OR CABLE TOOLS

Rotary

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

5,122' GL

22. APPROX. DATE WORK WILL START\*

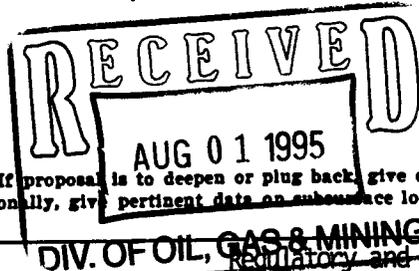
10/1/95

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See attached	Drilling Program/Casing Design			

Operator proposes to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

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



RECEIVED  
JUN 21 1995

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 Robbie Schuman TITLE Environmental Specialist DATE June 20, 1995

(This space for Federal or State office use)  
**CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY**

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_ **NOTICE OF APPROVAL**

JUL 28 1995

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE \_\_\_\_\_

44080-511-182

\*See Instructions On Reverse Side

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

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Balcron Monument Federal 22-20-9-18Y

API Number: 43-047-32711

Lease Number: U-64917

Location: SE<sub>1</sub>W Sec. 20 T. 9S R. 18E

**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 base of the Usable Water zone identified at  $\pm 1037$  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  $\pm 837$  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 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) 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 3162.7-5 (b. 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.

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 following initial installation 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:

Wayne P. Bankert      (801) 789-4170  
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 PROGRAM**  
Conditions of Approval (COAs)  
Equitable Resources Energy Company - Well #22-20-9-18Y

Methods For Handling Waste Materials and Disposal

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

Plans For Reclamation Of Location

If this is a producing well and after the reclamation of the reserve pit and unused disturbed areas on the well pad, **contact** the authorized officer of the BLM for a seed mixture to return these areas to revegetation.

At time of abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area, the stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM.

Other Information

If the access road and oil well pad are scheduled to be constructed or the well is to be drilled between March 15 and August 15, contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

Wire mesh cones shall be placed over all stacks on production equipment to prevent small birds and bats from entering.

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

**CONFIDENTIAL**

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: BALCRON MONUMENT FEDERAL 22-20-9-18Y

Api No. 43-047-32711

Section 20 Township 9S Range 18E County UINTAH

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 11/4/95

Time \_\_\_\_\_

How ROTARY

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

Reported by D. HACKFORD-DOGM

Telephone # \_\_\_\_\_

Date: 11/6/95 SIGNED: JLT

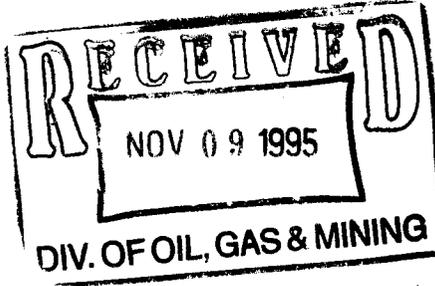
11-13-95



**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

**November 7, 1995**

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

**Gentlemen:**

**RE: Balcron Federal #22-20-9-18Y  
SE NW Section 20, T9S, R18E  
Uintah County, Utah  
API #43-047-32711**

*CONFIDENTIAL*

**This letter is notice that the subject well was spud on 11-4-95 at  
3:30 p.m.**

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

**Sincerely,**

*Molly Conrad*

**Molly Conrad  
Operations Secretary**

**/mc**

**cc: State of Utah, Division of Oil, Gas, & Mining - also enclosed is  
Entity Action Form 6.  
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX  
Bobbie Schuman  
Lou Ann Carlson**

OPERATOR Equitable Resources Energy Co.

OPERATOR ACCT. NO. N 9890

ADDRESS Balcron Oil Division

1601 Lewis Avenue

Billings, MT 59102

(406) 259-7860

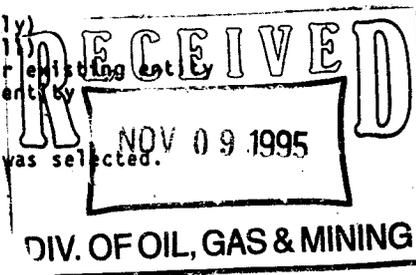
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11852	43-047-32711	Balcron Federal #22-20-9-18Y	SE NW	20	9S	18E	Uintah	11-4-95	11-4-95
WELL 1 COMMENTS: Spud of a new well. Entity added 11-14-95. <i>lee</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

**ACTION CODES (See instructions on back of form)**

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

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

(3/89)



*Molly Conrad*  
Signature  
Operations Secretary 11-7-95  
Title Date  
Phone No. (406) 259-7860

# WELL REPORT

## Balcron Monument Federal

#22-20-9-18Y

SE NW Section 20-T9S-R18E

43-047-32711

Uintah County

Utah

CONFIDENTIAL

### FRANK A RADELLA, INC.

Oil & Gas Exploration & Consulting  
1601 Lewis Suite 202E  
Billings, Montana 59102

FRANK A. RADELLA  
OFC. 406-245-5375

RES. 656-7215

**FRANK A. RADELLA, INC.**

---

Oil & Gas Exploration & Consulting

1601 Lewis Ave.  
Billings, Montana 59102  
(406) 245-5375

Balcron Monument Federal  
#22-20-9-18Y  
SE NW Section 20-T9S-R18E  
Uintah County, Utah

TABLE OF CONTENTS

<u>PAGE</u>	<u>ITEM</u>
1	Location Plat
2	General Statistics
3	Surface Casing
3	Production Casing
4	Dual Laterolog Tops
5	Penetration Chart
6	Oil Shows and Potential Production Zones
7	Surveys and Bit Record
8	Drilling Fluid Data
9-10	Daily Drilling History
11-17	Sample Descriptions
Insert	Drill Time-Litholog

by

**Frank A. Radella**  
Certified Petroleum Geologist  
AIPG AAPG

**MICROFICHE**

OPERATOR: Balcron Oil

WELL NAME: Monument Federal #22-20-9-18Y

LOCATION: SE NW Section 20(1980' FNL x 1980' FWL)  
T9S-R18E

COUNTY: Uintah

STATE: Utah

ELEVATIONS: GL 5122, KB 5131

SPUD DATE: 11-4-95 @ 10:00 PM

OUT FROM UNDER  
SURFACE CASING: 11-5-95 @ 3:45 PM

REACH T.D.: 11-10-95 @ 5:30 PM

RIG RELEASE: 11-12-95 @ 12:15 AM

DAYS TO SPUD  
THROUGH LOGGING: 8 TO RIG RELEASE: 9

TOTAL DEPTH: 5400' Driller, 5390' Logger

HOLE SIZE: 12 1/4" 0-280' - 7 7/8" 280-5400'

STATUS: To complete as an Oil Well

PENETRATION: 312 feet below the Top of Carbonate Marker

GEOLOGIST: Frank A. Radella - consultant

DRILLING ENGINEER: Al Plunkett - consultant

LOGGING PROGRAM: Schlumberger, Unit #2018 Vernal, Utah  
Loggers - Owen and Becker  
Dual Laterolog 3250-5357'  
Comp Neutron Litho Density GR 260-5358'

LOST CIRCULATION ZONE  
OR DRILLING PROBLEMS: NONE

DRILL TIME LOGS:

1150-3800' 2" = 100'  
3800-5400' 5" = 100'

SAMPLE DISPOSAL:

Sample Dry Cut to Utah Geological Survey Sample  
Library, 4060 South 500 West #4  
Salt Lake City, Utah

MUD LOGGING EQUIPMENT:

Northwest Well Logging Service  
Larry Vodall and Ray Schmoldt - Loggers  
Hot wire and chromatograph instruments  
on hole from 1150' to T.D.

CORES:

None

DST's:

None

SURFACE CASING:

6 Jts (252') 8 5/8" set @ 262' RKB with 160 sx.  
See page 9 for details.

PRODUCTION CASING:

123 Jts (5370.92') of 5 1/2" casing including shoe Jt  
etc., set @ 5370.92' RKB with 1217 sx cement plus  
additives. See page 10 for details.  
PBSD 5325.62'.

Balcron Oil Monument Federal  
 #22-20-9-18Y  
 SE NW Section 20-T9S-R18E  
 Uintah County, Utah

**K.B. 5131'**

<b>FORMATION</b>	<b>DUAL LATEROLOG TOP</b>	<b>DATUM</b>	<b>position of 22-20Y compared to 12-20Y*</b>
Uinta	Surface		
Green River	1146	(+3985)	5' Low
Horsebench S.S.	2034	(+3097)	18' Low
2nd Garden Gulch	3529	(+1602)	12' Low
Y-2 Sand	3813	(+3813) to 3822 (+1309)	NC
Y-5 Sand	4028	(+1103) to 4046 (+1085)	NC
Y-5 Sand	4080	(+1051) to 4088 (+1043)	NC
Yellow Marker	4127	(+1004)	20' High
Douglas Creek	4290	(+841)	16' Low
R-5 Sand	4458	(+673) to 4470 (+661)	24' Low
2nd Douglas Creek	4522	(+609)	14' Low
Green Marker	4650	(+481)	17' Low
G-3 Sand	4744	(+387) to 4753 (+378)	NC
G-5 Sand	4800	(+331) to 4806 (+325)	NC
Black Shale Facies	4910	(+221)	3' High
Carbonate Marker	5078	(+53)	7' Low
B-1 Sand	5150	(-19) to 5160 (-29)	NC
B-2 Sand	5164	(-33) to 5202 (-71)	NC

NC - No Comparison

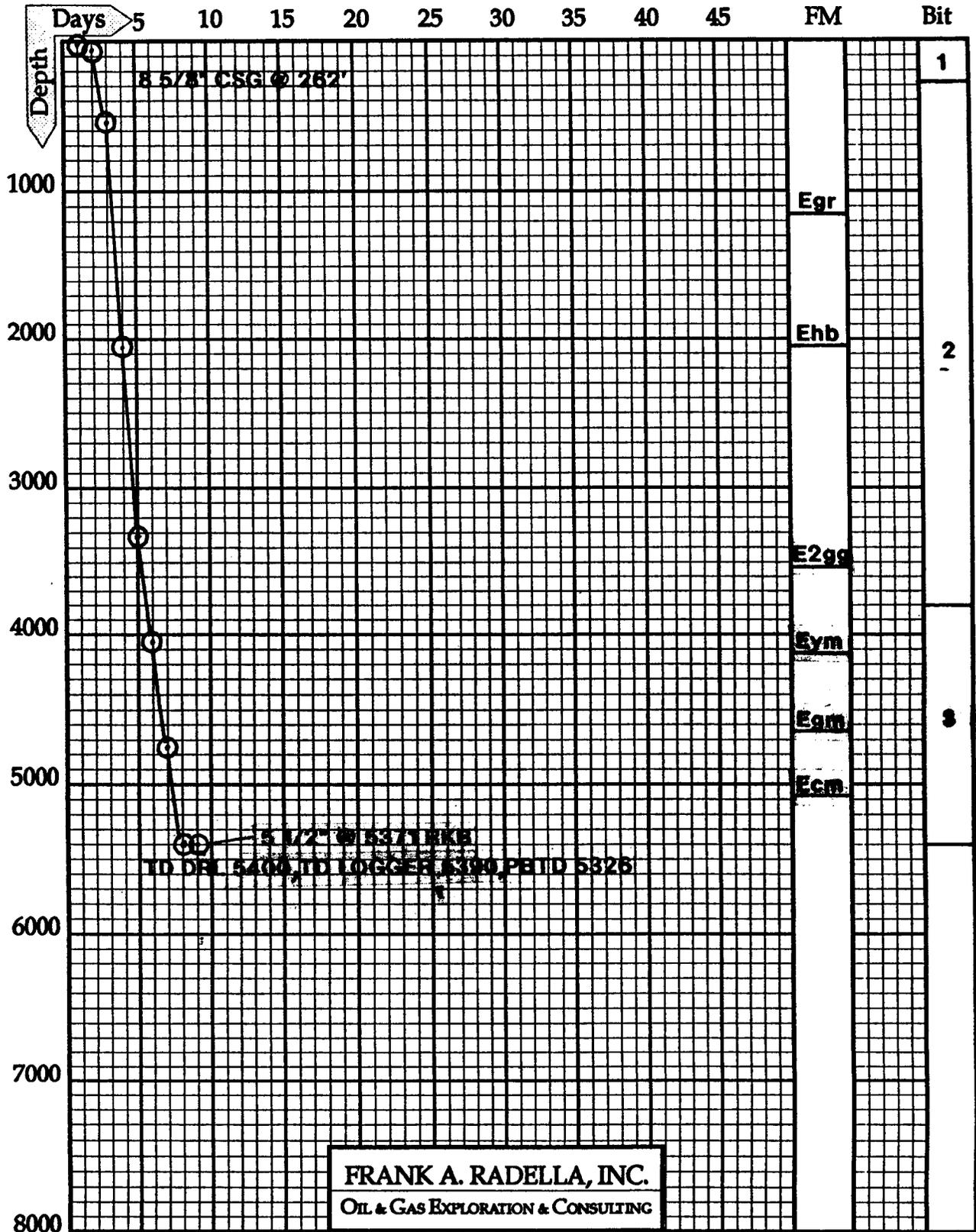
**T.D. Driller 5400'**  
**T.D. Logger 5390'**

\* Comparison Well: BOC Monument Federal 12-20Y  
 SW NW 20, Located 1320' due west of 22-20Y

# PENETRATION CHART

BALCRON MON.FED.#22-20-9-18Y

Total Days 9      Logs 3 IN TANDUM  
 Total Bits 3      Rotating Hours 116



FRANK A. RADELLA, INC.  
 OIL & GAS EXPLORATION & CONSULTING

## SAMPLE AND MUD LOG SHOWS AND POTENTIAL PRODUCTION ZONES

Balcron Oil  
Monument Butte Federal  
#22-20-9-18Y  
Uintah County, Utah

ZONE	LOG DEPTH	Drill Rate mpf			Total Gas			Chromatograph Units					Geologist Observations	Production Potential
		Before	During	After	Before	Peak	After	C 1	C 2	C 3	C 4	C 5		
Y-2 Sandstone	3813-3822	1.8	1-1.5	1.4	100	250	40	230	110	350	30		S.S. - lt tn, poor vis por, much heavy black oil, good inst strm cut	Good
Y-5 Sandstone	4028-4046	2	1-1.4	2	40	260	40	220	80	30	15		S.S. - tan, fair por, tr specks hvy blk oil, m brt fluor, f-gd inst strm ct	Fair
R-5 Sandstone	4458-4470	1.8	1-1.4	2.5	60	360	60	260	100	30	10		S.S. - tan oil stain, fair amt havy blk oil specks, pale fluor, good inst strm ct	Good
G-3 Sandstone	4744-4753	2.8	2	2.4	140	400	160	300	65	30	10		S.S. - lt tn oil stn, no vis por, f-gd inst ct	Poor-Fair
G-5 Sandstone	4800-4806	2.4	1.4-1.8	2	160	400	120	300	65	30	10		S.S. - lt tan oil stn, no vis por, f-gd inst ct	Poor-Fair
B-2 Sandstone	5164-5190	1.2	.6-.8	.8	100	400	400	280	45	20	10		Loose qtz gr, m brt gold fluor on all grains, slow wk milky ct	Good
B-2 Sandstone	5190-5202	.8	.6	1.8	400	400	140	280	45	20	10		Loose gr, a/a, decrease in fluor and cut.	Poor



## DRILLING FLUID DATA

Balcron Monument Federal  
#22-20-9-18Y  
Uintah County, Utah

### Drilling with Air and Mist to 3804'

<u>Date</u>	<u>Depth</u>	<u>WT</u>	<u>VIS</u>	<u>PH</u>	<u>CHL</u>	<u>KCL%</u>	<u>Daily Cost</u>	<u>Cum Cost</u>
11-5-95	280						\$ 100	\$ 100
11-6-95	1064						150	250
11-7-95	2580						150	400
11-8-95	3735						150	550
11-9-95	4309	8.5	27	10.1	8500	1.7	150	700
11-10-95	5010	8.5	27	10	9000	1.8	150	850
11-11-95	5400						<u>150</u>	<u>1000</u>
<b>FIELD TOTALS</b>							<b>\$ 1000</b>	<b>\$ 1000</b>

Balcron Oil  
Monument Federal #22-20-9-18Y  
SE NW Section 20-T9S-R18Y  
Uintah County, Utah

**Daily Drilling History**

Data compiled by Frank A. Radella from the tower sheets and the records of Al Plunkett, drilling consultant. The depth reported is at midnight. The activity of the Calendar date is followed by the Daily Footage, Daily Hours Drilled and Cumulative Rotating Hours.

<u>Day</u>	<u>Date</u>	<u>Depth and Activity at Report Time</u>
1.	11-4-95	<u>Depth 0: Rig up:</u> Drilled conductor pipe hole to 47' and set conductor pipe. Spud 12 1/4" surface hole @ 10:00 PM on 11-4-95.
2.	11-5-95	<u>Depth 47': Drilling:</u> Drilled 12 1/4" surface hole with Bit #1 to 280'. Rig up and ran surface casing. Ran 6 Jts (252') 8 5/8" 24#/ft. J55 casing set @ 262' RKB with 160 sx class "G" + 2% CaCl + 1/4#/sk celloseal, circulate 4 bbl cement to pit. Plug down @ 6:00 AM, wait on cement, nipple up, checked valves and Rams, held OK. Drill out form under surface casing at 3:45 PM on 11-5-95 with 7 7/8" Bit #2 with air and foam drilling media. Ran survey (see Bit Record) Drilled to 564' on this day. Drilled 564' in 10 1/2 RH, Cum RH 10 1/2 (includes surface hole but not conductor hole).
3.	11-6-95	<u>Depth 564': Drilling:</u> Drill and survey, check pipe rams, Hole making 10-15 gpm of water while drilling from 505 -1000'. Drilled to 2060'. Made 1496' in 23 RH, Cum RH 33 1/2.
4.	11-7-95	<u>Depth 2060': Drilling:</u> Drill and survey, check pipe rams. Drilled to 3337', made 1277' in 22 1/2 RH, Cum RH 56.
5.	11-8-95	<u>Depth 3337': Drilling:</u> Drilled to 3804' and trip out with Bit #2, in with Bit #3, check pipe rams, convert to water drilling fluid @ 3804'. Drilled to 4055', made 718' in 17 3/4 RH, Cum RH 73 3/4.
6.	11-9-95	<u>Depth 4055': Drilling:</u> Drill, survey, check pipe rams. Drilled to 4750'. Drilled 695' in 23 RH, Cum RH 96 3/4.

7. 11-10-95 Depth 4750': Drilling:  
Drill. Reached T.D. of 5400' @ 5:30 PM on 11-10-95.  
Trip out for logs and rig up loggers.  
Drilled to 5400'. Made 650' in 19 RH, Cum RH 115 3/4.
  
8. 11-11-95 Depth 5400': Waiting on Loggers:  
4 hr. wait on loggers for line repairs and bridle. Commence logging at 2:00 AM on 11-11-95, 4 hr. logging; Lay down drill pipe and Drill Collars, change pipe rams to 5 1/2" and test to 2000 psi, Rig up and run 123 JTs 15.50#/ft J55 casing set @ 5370.92' RKB cement with 540 sx Super "G" +477 sx "G" + 3#/sk KDL seal + 1/4#/sk cello seal. Tail with 200 sx 50/50 pozmix + 2% Gel + 2#/sk KDL seal + 1/4#/sk cello seal, circulate 6 bbl. cement back to pit. Plug down @ 8:15 PM on 11-11-95. Plug back T.D. 5325.62'.
  
9. 11-12-95 T.D. of 5400': Prep for Rig Release:  
Release Rig @ 12:15 Am on 11-12-95.

Balcron Oil  
Monument Federal #22-20-9-18Y  
Section 20-T9S-R18E  
Uintah County, Utah

**Sample Descriptions**

by

Frank A. Radella

Samples run wet and dry at wellsite. Cutting agent was Trichlorothene. Samples were rig caught and quality was good. Descriptions are lagged to Dual Induction log depths. Shows are underlined. Log tops are indicated below. Geologist on location from 1150' through T.D. and for logs. No DST's were run.

**Sand Grain Size Parameters**

Silt	.004 - .062 mm
Very fine grained	.062 - .125 mm
Fine grained	.125 - .250 mm
Medium grained	.250 - .50 mm
Coarse grained	.50 + mm

**Sample Program**

1150-3800'	50' samples
3800-5400	30' samples
Selected Intervals	10' samples

**50' Samples**

**GREEN RIVER 1146' (+3985')**

1150 - 1200	Shale: light orange, tan; Quartz grains: loose, clear, fine-angular to subangular, well sorted.
1200 - 1250	100% Quartz grains: loose clear, few gray grains, well sorted, beach sand appearance.
1250 - 1300	50% Shale: light orange tan; 50% Quartz grains: as above.
1300 - 1350	70% Shale: light orange tan; 30% Quartz grains: as above.

- 1350 - 1400 Shale: light to medium orange tan to light gray tan.
- 1400 - 1500 Shale: as above; few chunks Calcite: coarse, angular fragments.
- 1500 - 1750 Shale and Calcite: as above; trace of Quartz grains: loose.
- 1750 - 1800 Shale: light orange tan, calcareous, trace pyritic, platy.
- 1800 - 2000 Shale: as above to medium brown, calcareous, platy; trace of Limestone: gray tan, micritic, platy.

**HORSEBENCH S.S. 2034' (+3097')**

- 2000 - 2050 Shale: orange tan; Calcite: amber, angular, coarse fragments; Sandstone: light gray, very fine grained, few grain clusters are tight, *rare spotty black oil stain*.
- 2050 - 2100 20% Sandstone: as above, poor sorting; Quartz grains: loose fine to medium, angular to subangular, clear to opaque grains.
- 2100 - 2150 Shale: light gray, trace silty, calcareous; grading to Siltstone: light gray, argillaceous, calcareous, blocky.
- 2150 - 2500 Shale: medium to dark brown, calcareous, blocky, *slow weak streamer cut, oil shale*; trace of Calcite: amber, coarse angular fragments.
- 2500 - 2600 Shale: light to medium brown, trace silty, banded in part, trace pyritic, platy, *oil shale*; trace of Limestone: light tan, micritic, platy.
- 2600 - 2650 Shale: medium gray, silty, calcareous; Sandstone: light gray, salt and pepper, very fine grained, calcareous cement, well sorted, argillaceous in part, no visible porosity, no show.
- 2650 - 2700 Sandstone: white, trace salt and pepper, very fine grained, calcareous cement, angular to subangular, no porosity, no fluorescence, no show, few loose medium sized angular to subangular clear to opaque quartz grains, no show apparent.
- 2700 - 2800 Limestone: light tan to gray tan, micritic, platy, pale gold fluorescence; 2% Siltstone: white, light gray, with tan *oil stain, bright green gold fluorescence, fair to good blossom cut*, no visible porosity.
- 2800 - 2850 Siltstone: light gray, slightly calcareous, trace very fine sandy, no porosity, no show; Limestone: as above; trace of Sandstone: light tan, very fine grained, well sorted, subangular, dolomitic cement, no visible porosity, *light tan oil stain with spotty black stain, poor to fair blossom cut, poor show*.
- 2850 - 2900 Sandstone: white, light tan, trace salt and pepper, very fine to fine grained, subangular to sub round, dolomitic, pyritic, *light tan oil stain, trace black stain*, no visible porosity but friable, *fair streamer cut*, moderate amount loose grains.

- 2900 - 2950 Limestone: light tan, micritic, platy; Shale: medium brown, gray brown, calcareous, platy.
- 2950 - 3050 Limestone: tan, cream, micritic, platy, pale gold fluorescence, no show; decrease in Shale: as above.
- 3050 - 3200 Shale: light tan, gray tan, platy, pale gold fluorescence, no show; trace of Limestone: white, micritic, platy, pale fluorescence.
- 3200 - 3300 Siltstone: light gray; grading to Sandstone: white, very fine grained, salt and pepper, no porosity, no show.
- 3300 - 3350 Sandstone: white, very fine to fine grained, subangular to subround quartz, frosted in part, scattered gray grains, white calcareous cement, rare spotty black oil stain, poor show, good sample, abundant loose grains; Siltstone: light gray, as above.
- 3350 - 3400 Sandstone and Siltstone: as above; Shale: medium gray, silty.
- 3400 - 3450 Shale: light tan, trace dark brown; trace of Siltstone: light gray, argillaceous, platy; trace of Sandstone: white, tight.
- 3450 - 3500 Siltstone: light gray, very fine sandy, argillaceous; grades to Sandstone: light gray, very fine grained, silty, no porosity, no show.

**2nd GARDEN GULCH 3529' (+1602')**

- 3500 - 3550 Limestone: cream, micritic, platy; Shale: light gray; Sandstone: white, very fine grained, abundant loose grains, no show apparent.
- 3550 - 3650 Loose Quartz grains: very fine to fine grains, clear to opaque, subangular to subround grains, trace gray grains; trace of Pyrite: no show apparent; trace of Limestone: cream, micritic.
- 3650 - 3700 Siltstone: tan, light gray, very fine sandy, argillaceous; loose Quartz grains: as above.
- 3700 - 3750 Sandstone: white, very fine grained; Siltstone: light gray, as above; trace of Shale: medium orange brown.
- 3750 - 3813 Sandstone: white, very fine grained, subangular, white dolomitic cement, no visible porosity, no show; Siltstone: light gray, argillaceous, no porosity, no show; 10% loose medium Quartz grains.

**Y-2 SAND 3813' (+1318')**

- 3813 - 3822 Sandstone: light tan, salt and pepper, very fine to fine grained, subangular, slightly dolomitic cement, poor porosity, much heavy black oil blobs, good instant streamer cut, good show; Shale: light tan; trace of Limestone: white, micritic.

- 3822 - 3860 Sandstone: white, very fine grained, well sorted, pyritic, no visible porosity, no show; Shale: light tan, light gray, platy.
- 3860 - 3890 Shale: light gray, very fine sandy; Shale: tan, medium brown, platy; trace of Sandstone: white, as above.
- 3890 - 3950 Shale: light gray predominate; trace of Sandstone: white, light gray, very fine to fine grained, argillaceous, no porosity, no show.
- 3950 - 3980 Shale: medium brown, light gray, dolomitic, silty, platy; trace Sandstone: white, as above.
- 3980 - 4010 Sandstone: white, fine to very fine grained, trace salt and pepper, rare green grains, subangular, dolomitic, no visible porosity, no show; Shale: tan to dark brown.
- 4010 - 4028 Limestone: cream, white, micritic, pale mineral fluorescence, trace ostracods, no porosity, no show; trace of Shale: tan, medium brown.

**Y-5 SAND 4028' (+1103')**

- 4028 - 4046 Sandstone: tan, rare gray grains, very fine to fine grained, subangular, good sorting, poor to trace fair porosity, light oil stain, trace of black heavy oil specks, overall medium bright green gold fluorescence, instant fair to good streamer cut, good show in fair reservoir.
- 4046 - 4080 Shale: light gray, dolomitic, silty, platy; Sandstone: white, very fine grained, no porosity, no show; trace of Sandstone: as above.

**Y-5 SAND 4080' (+1051')**

- 4080 - 4088 Sandstone: light tan, trace salt and pepper, very fine to fine grained, angular to subangular, fair sorting, noncalcareous cement, poor porosity, very light oil stain, scattered black heavy oil specks, medium bright complete fluorescence, slow fair streamer cut, fair show.
- 4088 - 4130 Shale: light gray, tan gray, trace medium brown, silty, platy; Sandstone: white, very fine grained, hard, dense, tight.

**YELLOW MARKER 4127' (+1004')**

- 4130 - 4160 Limestone: cream, amorphous, chalky, soft to micritic, platy; Siltstone: light gray, argillaceous, trace very fine sandy, calcareous, platy.
- 4160 - 4220 Sandstone: white, very fine grained, silty, white dolomitic cement; grades to Siltstone: no porosity, no show; Shale: light gray, platy.
- 4220 - 4280 Shale: light gray, silty, dolomitic, platy; trace Shale: tan.

**DOUGLAS CREEK 4290' (+841')**

- 4280 - 4310 Shale: light gray, trace medium brown, platy; trace of Sandstone: white, very fine grained, calcareous, no porosity, platy.
- 4310 - 4340 Siltstone: light gray, argillaceous in part, calcareous, no porosity; Shale: as above.
- 4340 - 4375 Sandstone: white, very fine grained, trace salt and pepper, well sorted, trace micaceous, no porosity, no show; Shale: medium gray, light tan; trace Limestone: cream, amorphous, chalky.
- 4375 - 4380 Sandstone: white, very light tan, very fine grained, well sorted, poor porosity, light oil stain, pale gold fluorescence, weak streamer cut.
- 4380 - 4458 Shale: light gray, silty in part; Shale: light tan; trace of Limestone: cream, micritic, platy; Sandstone: white, light gray, trace salt and pepper, platy; trace of Shale: green gray.

**R-5 SAND 4458' (+673')**

- 4458 - 4470 Sandstone: tan, very fine grained, well sorted, subangular, poor visible porosity, tan overall oil stain, fair amount black heavy oil specks scattered throughout, pale gold fluorescence, good instant streamer cut, good show.
- 4470 - 4520 Shale: light gray, tan, dark brown, dolomitic, platy.

**2nd DOUGLAS CREEK 4522' (+609')**

- 4520 - 4550 Shale: tan, medium brown, light gray.
- 4550 - 4580 Limestone: cream, gray brown, micritic, platy, gold mineral fluorescence; Shale: tan gray; trace of Sandstone: white, very fine to fine grained, fair sorting, white calcareous cement, no porosity, no show.
- 4580 - 4640 Sandstone: white to light tan, very fine to fine grained, white, dolomitic cement, no porosity, trace black specks of heavy oil, trace light tan stain, slow weak streamer cut, poor show; Shale: light gray, tan; trace of Limestone: cream, micritic.

**GREEN MARKER 4650' (+481')**

- 4640 - 4670 Limestone: tan, micritic, platy, pale gold mineral fluorescence, no show; Shale: light tan, dark brown.
- 4670 - 4744 Shale: light gray, silty, tan; trace of Siltstone: white, light gray, argillaceous, platy; trace of Limestone: cream, as above.

4744 - 4753 Sandstone: light tan wet, gray tan dry, trace salt and pepper, very fine to fine grained, silty, poorly sorted, subangular, trace subround grains, dolomitic cement, no visible porosity, light tan oil stain, pale gold fluorescence, fair to good instant streamer cut, overall poor to fair show; Shale: light gray, silty, dolomitic, platy.

4753 - 4800 Sandstone: light gray, very fine to fine grained, calcareous cement, no porosity, no show; Shale: light gray, dolomitic, silty in part; trace of Shale: medium brown.

#### **G-5 SAND 4800' (+331')**

4800 - 4806 Sandstone: light tan wet, light brown dry, very fine to fine grained, trace salt and pepper, poor to fair sorting, dolomitic cement, no visible porosity, secondary quartz crystal growth, light oil stain, very pale gold fluorescence, fair to good instant streamer cut; Shale: light gray, as above.

4806 - 4910 Shale: medium gray, light to dark brown, trace pyritic, trace platy.

#### **BLACK SHALE FACIES 4910' (+221')**

4910 - 4940 Shale: dark gray to black, no cut; trace of Limestone: tan, gray tan, micritic platy.

4940 - 4970 Shale: dark brown to brown black, carbonaceous, trace pyritic, slow streamer cut, good apparent source rock.

4970 - 5000 Siltstone: medium gray, argillaceous, dolomitic; grades to silty Shale; Sandstone: gray brown, very fine, silty, poor sorting, argillaceous, noncalcareous, no porosity, no show.

5000 - 5070 Shale: medium gray, noncalcareous, platy; trace of Limestone: tan, micritic, platy; Shale: dark brown black, pyritic, noncalcareous, platy to subblocky, slow milky cut.

#### **CARBONATE MARKER 5078' (+53')**

5070 - 5090 Trace of Limestone: tan, micritic; Shale: dark gray brown predominate, tan; trace of Sandstone: white, light tan, very fine grained, poorly sorted.

5090 - 5120 Sandstone: white, light gray, trace tan, silty, slightly argillaceous, no visible porosity, trace light tan oil stain, poor to no show; trace of Limestone: cream, micritic, platy; Shale: tan.

5120 - 5150 Shale: dark brown black, light to medium gray, tan, platy.

#### **B-1 SAND 5150' (-19')**

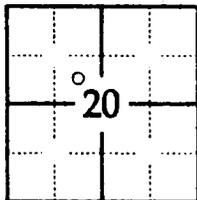
5150 - 5180 Shale: tan, platy, dark brown, as above; trace of Sandstone: light tan, very fine grained, trace very fine black specks, no visible porosity, trace of weak streamer cut, poor show, few loose fair to medium subround quartz grains, no show visible.

**B-2 SAND 5164' (-33')**

- 5164 - 5190 Loose Quartz grains: fine to medium, angular to subangular, trace subround, clear to opaque, some grains split, no visible oil stain, medium bright green gold fluorescence on all grains, weak milky cut; unconsolidated sand; trace of Pyrite.
- 5190 - 5202 Loose Quartz grains: as above, with decrease in fluorescence and cut.
- 5202 - 5240 Shale: light gray, light tan; trace of Sandstone: white, very fine grained, platy, no porosity, no show.
- 5240 - 5270 Shale: tan, medium brown, light gray; trace of Sandstone: white, very fine grained, well sorted, no porosity, no show.
- 5270 - 5300 Shale: as above; trace of Limestone: cream, white, very fine sandy, micritic, platy.
- 5300 - 5330 Limestone: cream, micritic, very fine sandy, as above; Shale: tan, light gray.
- 5330 - 5400 Trace of Shale: black, carbonaceous, no fluorescence, no cut; trace of Limestone: dark brown, micritic, platy; Shale: light gray, light brown.

**T.D. Driller 5400'**  
**T.D. Logger 5390'**

# DRILL TIME LOG



Balcron Monument Federal  
#22-20-9-18Y  
SE NW Sec 22-T9S-R18E  
Uintah Co. Utah

ELEVATIONS: GL 5122 KB 5131

SPUD: 11-04-95 10:00PM

OUT FROM UNDER SURF.CSG.: 11-05-95 3:45PM

DATE DRLG,COMP.: 11-10-95 5:30PM

DATE WELL COMPLETED 11-12-95 12:15AM

STATUS To be completed as Oil Well

SURF.CSG.: 8 5/8" Set @ 262'

PRODUCTION CSG.: 5 1/2" @ 5370.92 RKB

CORES: None

DRILL STEM TESTS: None

CONTRACTOR: Union Drilling

RIG: #17

MAST: Pulls Doubles

POWER: 343 Cat

PUMPS: Gardiner Denver FXN 5 1/2" X 14"

DRILL PIPE: 4 1/2" 16.60#/ft

COLLARS: 16 (520.8') 6" OD X 2 1/4" ID

MUD SYSTEM: Air to 3804, Kcl H<sub>2</sub>O to TD

TOTAL BITS: 3

TOTAL DAYS TO LOG POINT: 7 TO COMPL.: 9

T.D. DRILLER: 5400' LOGGER: 5390'

PENETRATION: 312' below top of Carb. Mkr.

FRANK A. RADELLA, INC.

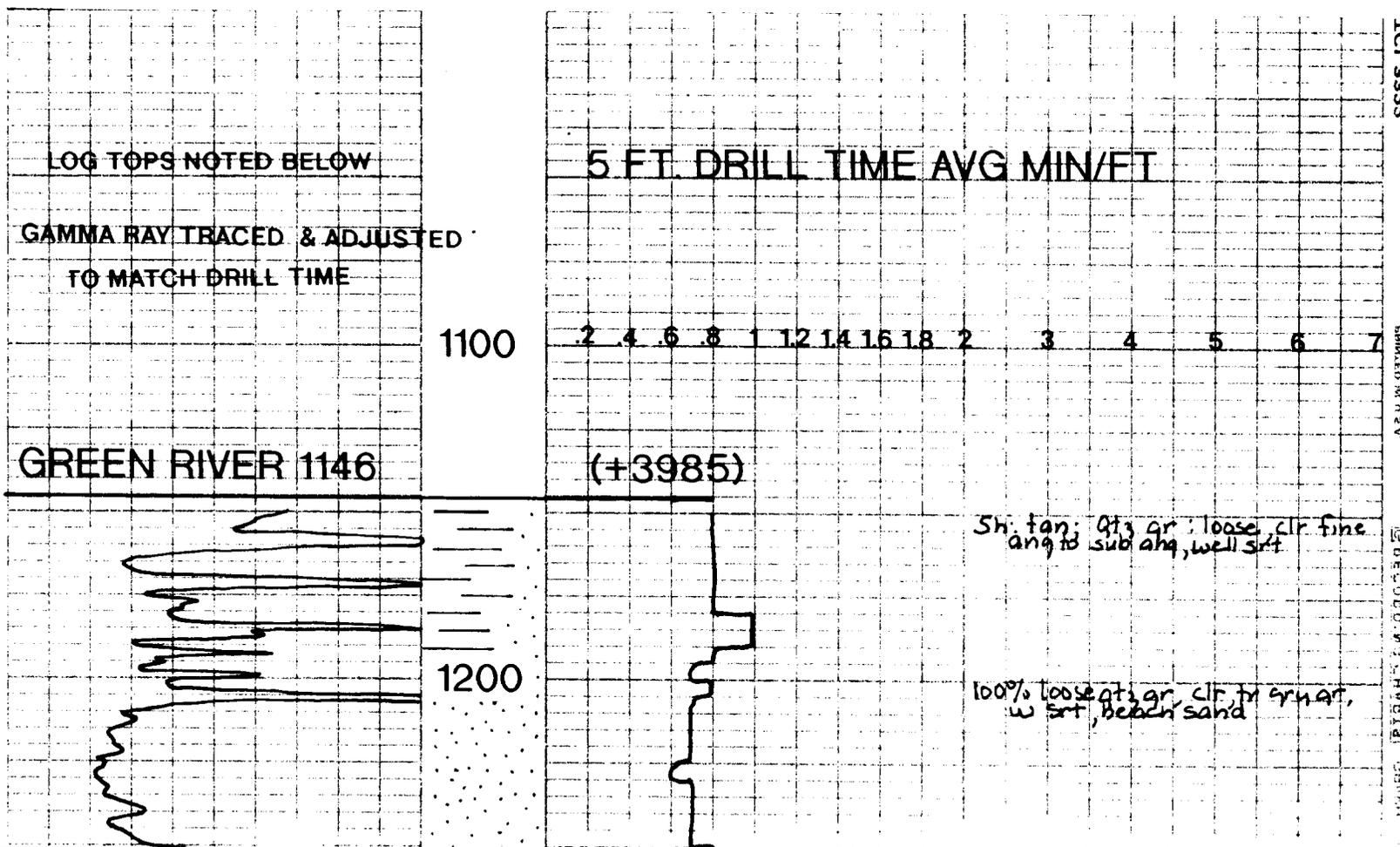
Oil & Gas Exploration & Consulting  
1601 Lewis Suite 202E  
Billings, Montana 59102

# Legend

	SHALE		LIMESTONE		ARGILLACEOUS
	SILTSTONE		DOLOMITE		SILTY
	SANDSTONE		ANHYDRITE		SANDY
	CONGLOMERATE		GYPSUM		CALCAREOUS
	COAL		SALT		DOLOMITIC
	CHERT		OOLITIC		ANHYDRITIC
					GYPSIFEROUS
					LOOSE SAND GRAINS
					GLAUCONITIC
					MICACEOUS

LOGGED BY GEOLOGIST: Frank A. Radella

POROSITY SHOWS  
 ■ ○ POOR  
 ■ ● FAIR  
 ■ ● GOOD  
 | CONTINUED



Shale, lt org tan, loose qtz  
gr a/a.

Sh 70% , loose gr 30%

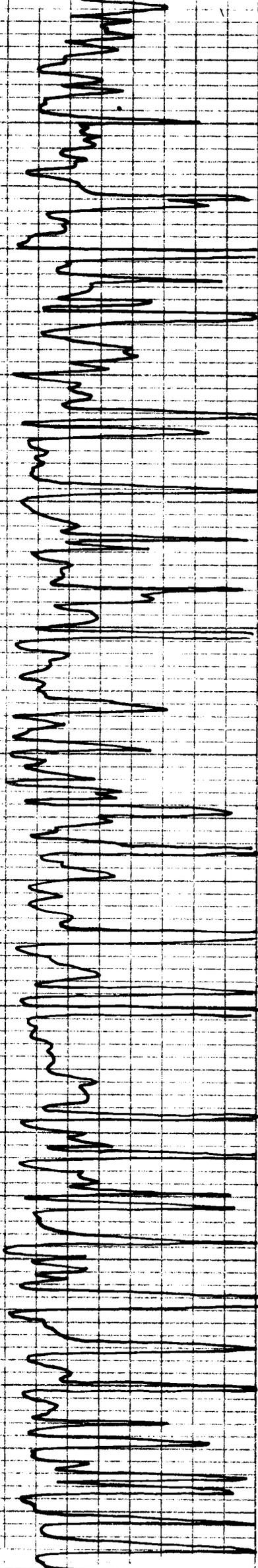
Sh: lt to med org tan to lt org  
tan.

Sh: a/a few chunk calcite  
colored org frags.

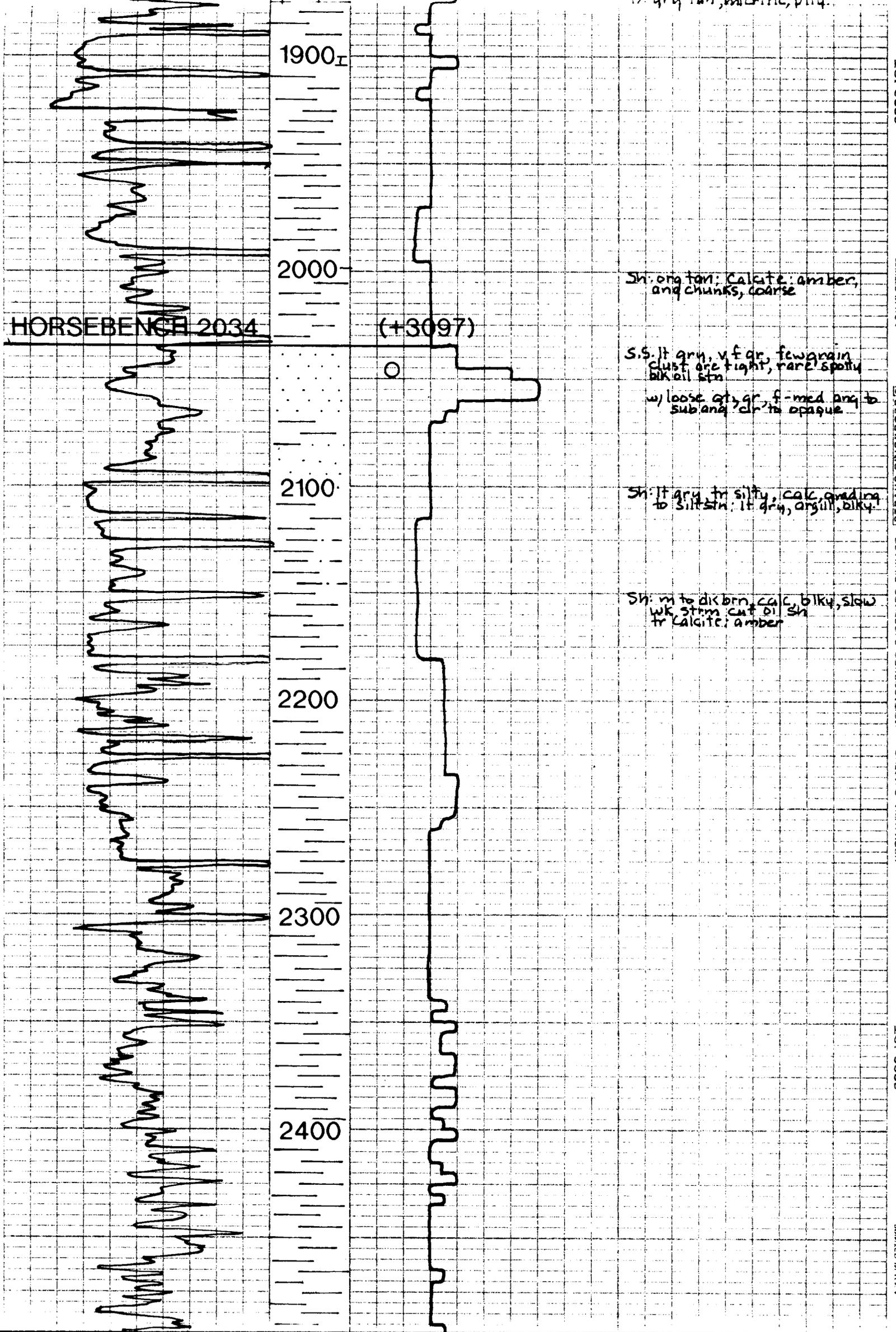
a/a tr loose qtz, gr

Sh: lt org tan, calc, tr pyrite,  
pity.

Sh a/a to med brn, calc, pity



RECORDING SERVICE CORPORATION  
BUREAU OF NEW YORK  
SECTION 33



Sh: org tan; Calcite; amber,  
and chunks, coarse

S.S. lt gr, v f gr, few grain  
clust, org tight, rare, spotty  
blk oil stn

w/ loose org, gr, f-med org to  
sublang, ch, in opaque

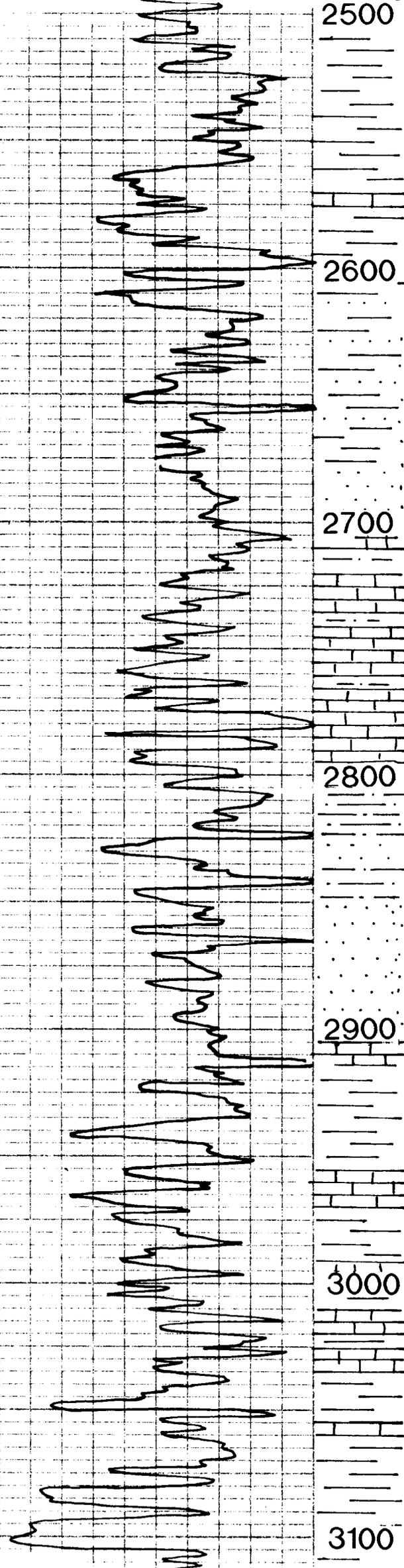
Sh: lt gr, tr silty, calc, grading  
to siltstn; lt gr, org ill, blk y.

Sh: m to dk brn, calc, blk y, slow  
wk, stem cut of sh  
tr Calcite; amber

HORSEBENCH 2034

(+3097)

0



Sh: lt to m brn, fr silty, banded, in prt, tr pyritic, pty, oil sh

ls: tan, micritic, pty

Sh: m gry, silty, calc  
SS lt gry, st p, v f ar, calc cem, w prt, argill in prt, no por

SS wh, tr st p, v f ar, calc cem and to sub ang, no por, no show few loose med, ang - sub ang, clr to opaque grs, no show

ls: lt to gry tan micritic, pty pale gold min fluor.  
tr Siltstn: wh, lt gry, tan oil stn brt, arg gold fluor, f - qd blssum cut, no vis por

Siltstn: lt gry, sli calc, tr v f sandy, no por

tr S.S. lt tan, v f ar, w prt, sub ang, calc cem, no por, lt tan oil stn w/ spiky blk stn, p-f blssum cut, poor show

SS wh, tr st p, tan, v f ar, sub ang, sub brd, calc, pyritic, lt tan oil stn, tr blk stn, no vis por, fri, fair strcut med amt loose gr

ls: lt tan, micritic, pty  
Sh: m brn, gry brn, calc, pty

ls: tan cem, micritic, pty, pale gold min fluor, no show

Sh: a/a



SS: wh, v fgr, sub ang, wh, dolic. con  
no par, no show, w/ 5% silty  
If gray argill 10% loose qtz, gr

VERT SCALE CHANGE 5"=100'

3800

2 4 6 8 12 14 16 18 2 2.5 3 4 5 6

Y-2 SAND 3813

(+1318) AVG MIN/FT 1s: wh, micritic

SS: lt tan, strp, v f-gr, sub ang  
sl. dolic. con, poor por, much  
fvy. blk. oil blabs, qa inst strm  
cut, qa show

S.S. wh, v fgr, w spt, puritic  
no par, no show  
sh: lt tan, lt gray, pity

50

sh: lt gray, v f sand  
sh: tan, m brn, pity

S.S. wh

S.S. wh, lt gray, v f-gr, argill  
no par, no show

3900

sh: lt gray

50

sh: m brn, lt gray, dolomitic,  
silty, pity

sh: tan, dk brn

SS wh tr strp, v f-gr, rare  
green gr, sub ang dolu,  
no par

4000

ls: crm, wh, micritic, pale gold  
min filior, tr ostracods, no  
par, no show

Geolograph out

sh: tan, m brn

RECORDED IN U.S.A. NO. 101 3835 RECORDED IN U.S.A. NO. 101 3835 RECORDING CHARTER GRAPHIC CONTROL CORPORATION BUFFALO, NEW YORK NO. 101 3835

Y-5 SAND 4028

(+1103)

50

SS tan, trary, v f far, sub  
ana, calc, tr f, por, light  
str, m, blk, hv, d, spec, in  
brt, fluor, inst f - qd, str  
cut, qd show  
Sh: lt ary, dolc, silty, pty  
S.S. wh, v f ar, no per

Y-5 SAND 4080

(+1051)

4100

pedograph cut

SS vlt tan, tr s p, v f - far,  
ana, sub ana, f, str, no  
calc, com, por, por, v f  
dilatam, soft blk hv, d  
spec, m, brt, comp, slow  
slow f, str cut, fair show  
Sh: lt ary, tan ary, tr m  
brn, silty, pty

YELLOW MKR 4127

(-1004)

50

ls: crm, amorph, chky,  
soft, tr micritic, pty  
siltstr: lt ary, argill, tr v f  
shay, calc, pty

Sh: lt ary, pty

4200

S.S. wh, v f ar, silty, wh  
dolc, cerh, grades to  
siltstr

Sh: lt ary, pty

50

Sh: lt ary, silty, dolc, pty  
tr sh: tan

RECORDED IN NEW YORK  
RECORDING CHAIR  
GRAPHIC CONTROLS CORPORATION  
BUREAU OF NEW YORK  
NO. TC 1 3335  
RECORDED IN NEW YORK  
RECORDING CHAIR

DOUGLAS CRK 4290

(+841)

sh: lt gray, medm pty

4300

Si: lth: wh, lt gray, orgil in prt, cak, pty

Sh: lt gray

50

ls: crm, amorph chky

SS: wh, v f gr, tr s+p, w s+p fr thin, no por, no show

sh: m gray, lt tan

SS: wh, v lt tan, v f gr, w s+p poor por, v slt oil spn, pale gold flur, wk s+mit

sh: lt gray, silty in prt, lt tan

4400

ls: crm, micritic, pty

50

SS: wh, lt gray, tr s+p, pty

sh: gm gray

R-5 SAND 4458

(+673)

S.S. tan, v f gr, well srt, sub ang, poor vis por, tan oil spn overall, fair amt dk hvy oil specks thruout, pale gold flur, inst ad str cut, good show

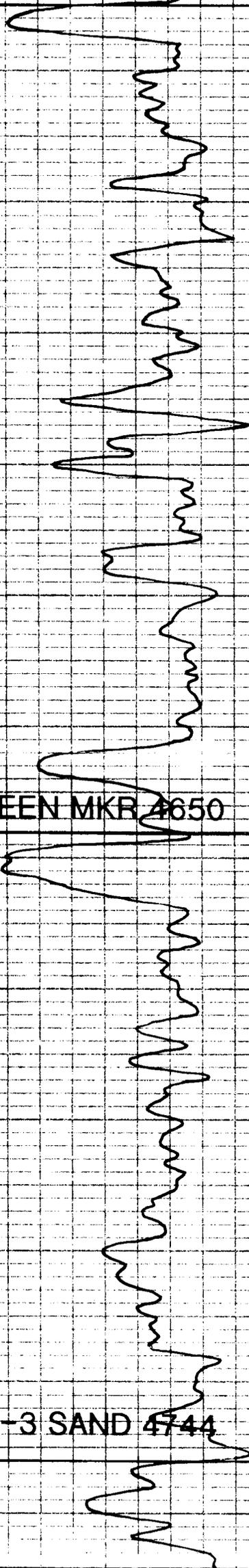
sh: lt gray, tan, dk lorn, dolit, pty

4500

2nd DOUGLAS CRK 4522

(+609)

Sh: tan, m brn, lt gry



ls: crm, gry brn, micritic, pthy, pale min fluor  
sh: tan gry

ls:

S.S. wh, lt tan, v f-fgr, wh dolc. cem, no por to blk specks, hvy bil, lt tan stain, slo wh firm cut, poor show.

sh: lt gry, tan.

ls: crm, micritic pthy

sh: lt tan, dk brn.

GREEN MKR 4650

(+481)

ls: tan, micritic, pthy, pale, pale fluor, m show

Siltstn: wh, lt gry, argill, pthy

sh: Siltstn

G-3 SAND 4744

(+387)

SS: lt tan wet, gry tan gry fr str, v f-fgr, silt, p str, sub ang sub ra, dolc. cem, no vis por, lt tan stain, pale pale fluor, f-fod inst, str m cut, poor to f show

SS: lt gry, v f-fgr, calc cem

NO. LCI 3355

NEW YORK

RECORDING CHARTS

GRAPHIC CORPORATION

NEW YORK

NO. LCI 3355

1948

Sh: lt gray, dolic, silty in part  
w/ sh: to brn.

G-5 SAND 4800

4800

(+331)

SS: lt tan wet, lt brn dry, v. f  
f. ar, tr. spt, p. f. spt.  
dolic, con. no vis. por.  
sec. gr. ktl growth, part  
all spt, v. pale gold fluor,  
f. ad inst. cut

Sh: lt gray

Sh: m gray, lt to dk brn, tr  
pyritic

50

Sh: m gray to brn, no show

ls: tan, gray tan, micritic, pty

4900

BLACK SH FACIES 4910

(+221)

Sh: dk gray to blk, no cut

ls: tan, gray tan, micritic

50

Sh: dk brn to brn blk,  
carb. tr. pyritic, slow  
wk str. cut, ad. apparen  
Source: x

S: lt sh: m gray, argill,  
dolic grades to silty sh

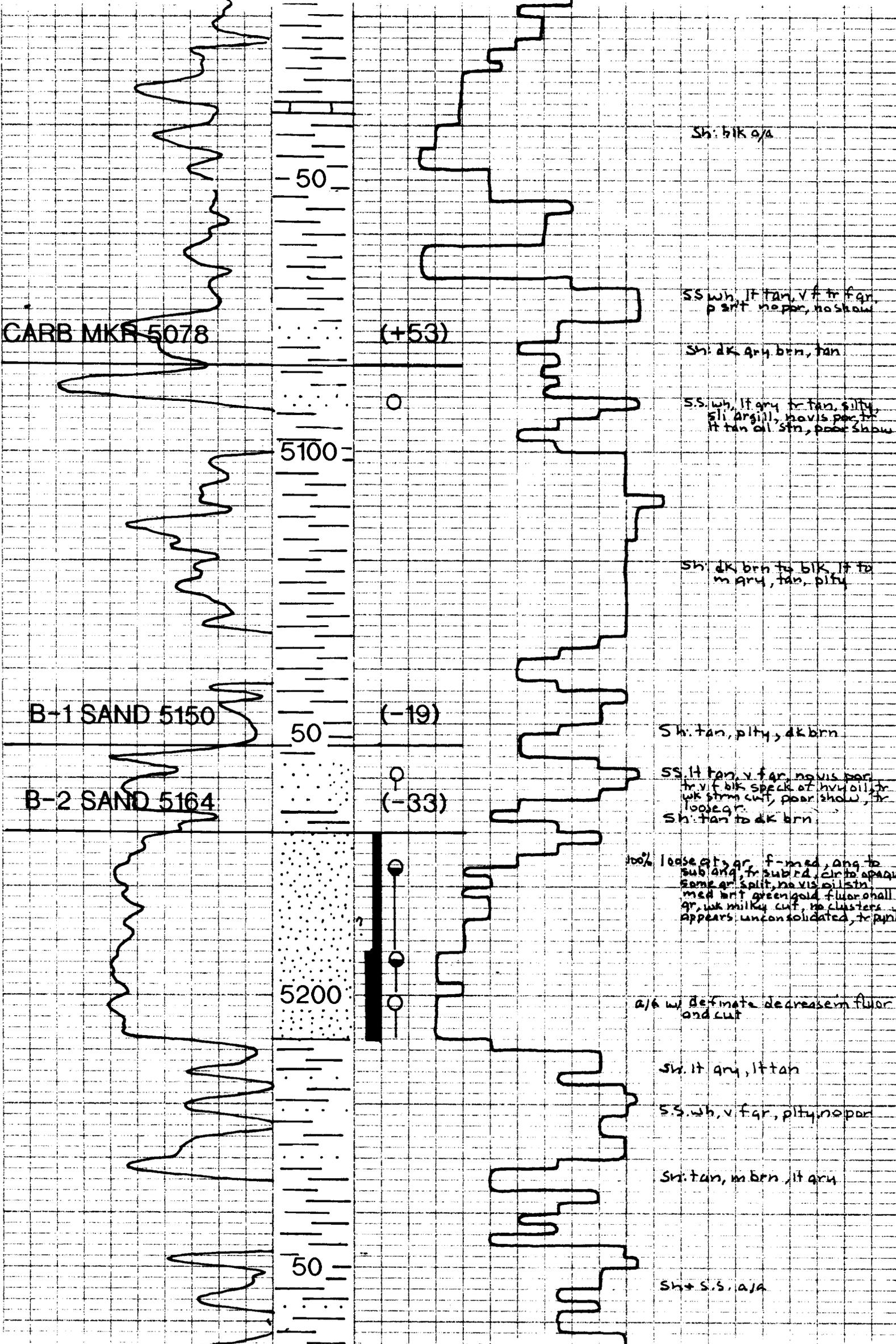
S: s. gray brn v. f. ar, silty  
p. spt, argill, non calc,  
no por, no show.

Sh: m gray, non calc, pty

5000

ls: tan, micritic

Sh: dk brn-blk, pyritic,  
non calc, pty to sub  
blk, slow milky cut



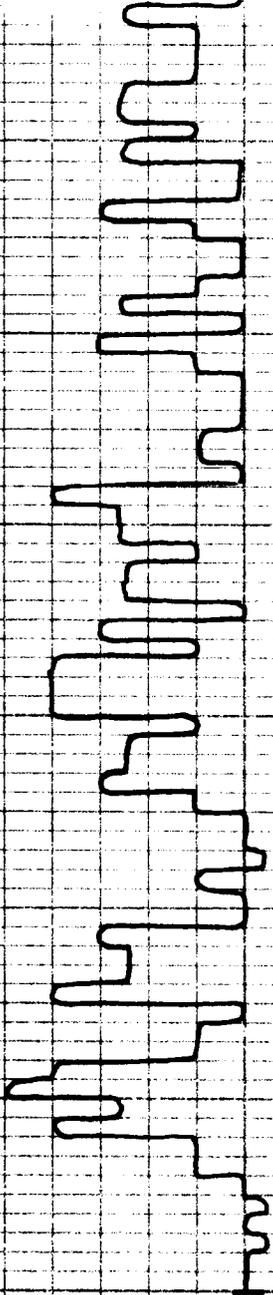
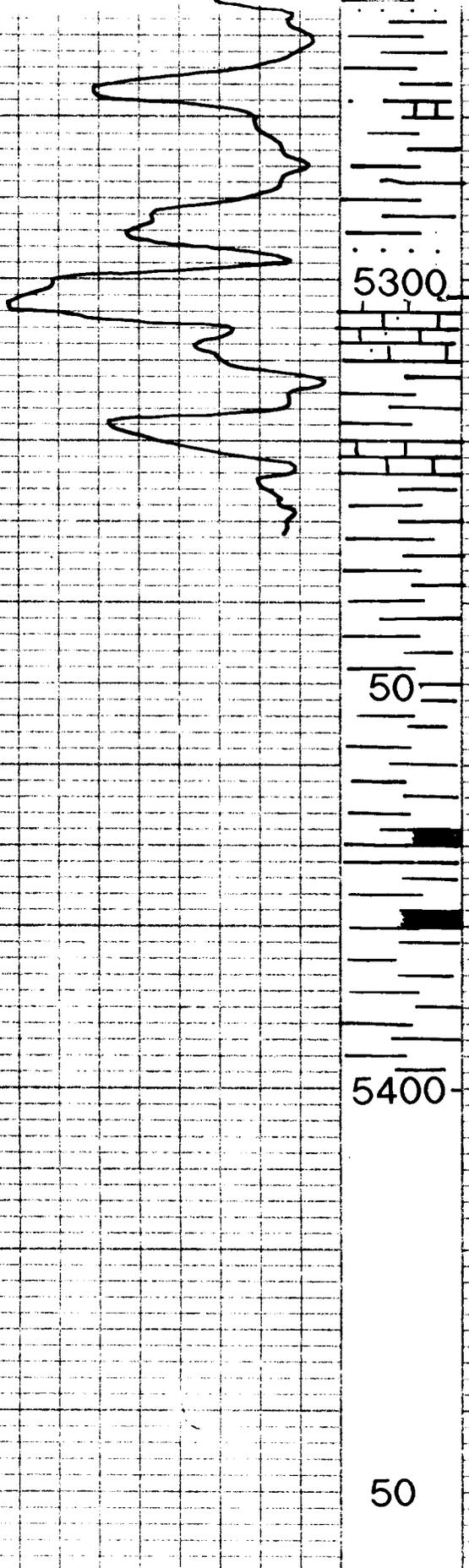
ls: crm, wh, v f sandy, micritic  
plty  
sh: tan, brn, gry.

ls: crm, micritic, v f sandy

sh blk grades to coal  
shiny, no cut

sh lt gry, lt brn.

T.D. DRLR 5400. T.D. LOGGER 5390



12-14-95



**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

**CONFIDENTIAL**

**December 11, 1995**

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

**Gentlemen:**

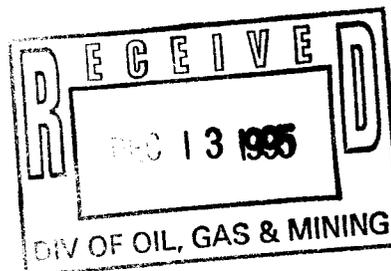
**RE: Balcron Federal #22-20-9-18Y  
SE NW Section 20, T9S, R18E  
Uintah County, Utah  
API #43-047-32711**

**This letter will serve as notice that first production on the subject well was on 12-8-95 at 1:00 p.m.**

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

**Sincerely,**

**Molly Conrad  
Operations Secretary**



**/mc**

**cc: ~~State of Utah, Division of Oil, Gas, & Mining~~  
Lou Ann Carlson  
Bobbie Schuman**

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

5. Lease Designation and Serial No.  
U-64917

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 #22-20-9-18Y

9. API Well No.  
43-047-32711

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

11. County or Parish, State  
Ulrich County, Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION

3. Address and Telephone No.  
1601 Lewis Avenue; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SURFACE: 1980' FNL & 1980' FWL  
 TD:

**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 or 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 Molly Conrad Title Operations Secretary Date 1-8-96

(This space for Federal or State office use)

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

Equitable Resources Energy Company  
 Balcron Federal 22-20-9-18Y  
 Production Facility Diagram

Balcron Federal 22-20-9-18Y  
 SE NW Sec. 20, T9S, R18E  
 Uintah County, Utah  
 Federal Lease #U-64917  
 1980' FNL, 1980' FWL

Access Road

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

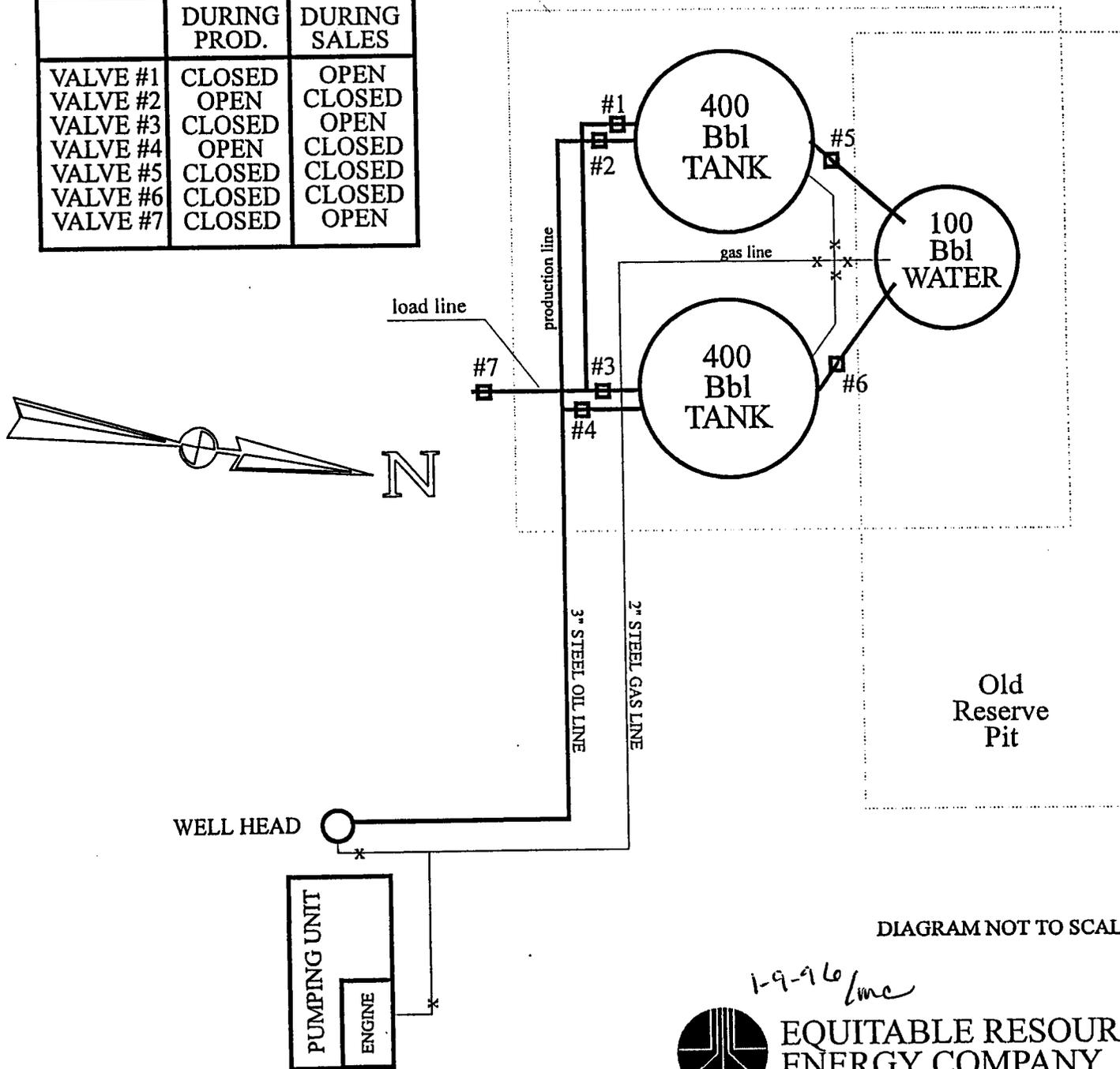


DIAGRAM NOT TO SCALE



*1-9-96/lmc*  
**EQUITABLE RESOURCES  
 ENERGY COMPANY**

BALCRON OIL DIVISION  
 1601 Lewis Avenue  
 Billings, MT 59104  
 (406) 259-7860

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

5. Lease Designation and Serial No.  
U-64917

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 Fed. #22-20-9-18Y

9. API Well No.  
43-047-32711

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

11. County or Parish, State  
Uintah County, Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION

3. Address and Telephone No.  
1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 SURFACE: 1980' FNL & 1980' FWL  
 TD: \_\_\_\_\_

**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 in 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 facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location from the Bureau of Land Management.

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

Signed Molly Connard Title Operations Secretary Date 1-8-96

(This space for Federal or State office use)

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

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

\*See Instruction on Reverse Side

**CONFIDENTIAL**

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

1. Well name and number: Balcron Monument Federal #22-20-9-18Y

API number: 43-047-32711

2. Well Location: QQ SE NW Section 20 Township 9S Range 18E County Uintah

3. Well operator: Equitable Resources Energy Company, Balcron Oil Division

Address: 1601 Lewis Avenue

Billings, MT 59102

Phone: (406) 259-7860

4. Drilling contractor: Unior Drilling

Address: Drawer 40

Buckhannon, WV 26201

Phone: (304) 472-4610

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
500'	1000'	10 to 15 gallons/minute	Not measured

6. Formation tops: Please see original completion report

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

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

Date: 1-8-95

Name & Signature: Molly Conrad, Molly Conrad

Title: Operations Secretary

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

**CONFIDENTIAL**

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

3. ADDRESS OF OPERATOR  
1601 Lewis Avenue, Billings, MT 59102 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1980' FNL & 1980' FWL  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 43-047-32711 DATE ISSUED 7-27-95

5. LEASE DESIGNATION AND SERIAL NO.  
U-64917  
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.  
#22-20-9-18Y  
10. FIELD AND POOL, OR WILDCAT  
Monument Butte/Green River  
11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA  
SE NW Section 20, T9S, R18E  
12. COUNTY OR PARISH  
Uintah  
13. STATE  
Utah

15. DATE SPUDDED 11-4-95 16. DATE T.D. REACHED 11-11-95 17. DATE COMPL. (Ready to prod.) 12-8-95 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5,122' GL 19. ELEV. CASINGHEAD n/a  
 20. TOTAL DEPTH, MD & TVD 5,400' 21. PLUG, BACK T.D., MD & TVD 5322' 22. IF MULTIPLE COMPL., HOW MANY\* n/a 23. INTERVALS DRILLED BY → SFC - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4461' - 4806' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLY/GR LDI/CNL GR/CBL MUD LOG 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	262'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5370.92'	7-7/8"	540 sxs Super "G" w/additives 200 sxs 50/50 FOZ w/additives	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	4883.48' KB	n/a

31. PERFORATION RECORD (Interval, size and number)

4750'-4752' (4 SPF)
4801'-4806' (4 SPF)
4461'-4463' (4 SPF)
4464'-4469' (4 SPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
**Please see attachment.	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
12-8-95	1-1/2" Insert Pump	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-31-95	24	n/a	→	9.34	N.M.	62.7	N.M.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a	→	9.34	N.M.	62.7	34	

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

35. LIST OF ATTACHMENTS  
Section 32 - Acid, Shot, Fracture, amt Squeeze etc.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED Molly Conrad TITLE Operations Secretary DATE 1-8-96

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	Uinta Green River Horsebench SS 2nd Garden G'ch Y-2 Sand Y-5 Sand Y-5 Sand Yellow Marker Douglas Creek R-5 Sand 2nd Douglas Creek Green marker G-3 Sand G-5 Sand Black-Shale Facies Carbonate Marker B-1 Sand B-2 Sand	Surface 1146' 2034' 3529' 3813' 4028' 4080' 4127' 4290' 4458' 4522' 4650' 4744' 4800' 4910' 5078' 5150' 5164'	Surface 1146' 2034' 3529' 3813' 4028' 4080' 4127' 4290' 4458' 4522' 4650' 4744' 4800' 4910' 5078' 5150' 5164'

7-11-1996

**Attachment to Completion Report  
Balcron Monument Federal #22-20-9-18Y  
SE NW Section 20, T9S, R18E  
Uintah County, Utah**

---

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
4801'-4806'	Break down with 1554 gallons 2% KCL water & 250 gallons 15% HCL acid.
4750' - 4752'	Break down with 1596 gallons 2% KCL water & 250 gallons 15% HCL acid.
4750' - 4806'	Frac with 48,600# 16/30 mesh sand w/15,456 gallons 2% KCL gelled water.
4461' - 4469'	Break down with 1890 gallons 2% KCL water. Frac with 46,900# 16/30 mesh sand with 14,280 gallons 2% KCL gelled water.
1-8-96 /mc	

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-20-9-18Y

Location: SE NW Section 20, T9S, R18E

---TIGHT HOLE---

Uintah County, Utah

1980' FNL & 1980' FWL

PTD: 5,400' Formation: Green River

Monument Butte

Elevations: 5122' GL

Contractor: Union Drilling #17

Operator: Balcron/EREC

Spud: 11-4-95

Casing: 8-5/8", 24#, J-55 @ 262'

5-1/2", 15.5#, J-55 @ 5370.92'

Tubing: 2-7/8", 6.5#, J-55 @ 4883.48'

10-28/11-1-95 Build location & install pit liner.

DC: \$10,866

CC: \$10,866

11-5-95 TD: 280' (280') Day 1

Formation: Uintah

MW air & mist

Present Operation: WOC

MIRU, drill rat hole, set conductor & install air bowl. SD & repair governor on draw works engine. Drill 12-1/4" hole, blow hole, TOOH, ND air bowl, & run 8-5/8" csg as follows;

Guide shoe	.60'
1 jt 8-5/8" 24# shoe jt	40.70'
Baffle Plate	---
5 jt 8-5/8" 24#, J-55	<u>210.70'</u>
	252.00'

Landing jt	<u>10.00'</u>
8-5/8" csg set @	262.00'

Cmt by BJ w/160 sxs Class "G" w/2% CCL & 1/4#/sx CelloSeal. 4 bbls cmt back to pit. Plug down @ 6 a.m.

DC: \$10,599

CC: \$21,465

11-6-95 TD: 1,064' (784') Day 2

Formation: Uintah

MW air & mist

Present Operation: drilling

WOC, NU BOP & test BOP & manifold to 2000# - OK. Test csg to 1500# - OK. TIH, drill cmt, drill & survey. Hole making 10 to 15 gals wtr/min 500'-1000'.

DC: \$10,220

CC: \$31,685

## DAILY OPERATING REPORT

### BALCRON MONUMENT FEDERAL #22-20-9-18Y

Location: SE NW Section 20, T9S, R18E

Uintah County, Utah

---TIGHT HOLE---

- 11-7-95 TD: 2,580' (1,516') Day 3  
Formation: Green River  
MW air & mist  
Present Operation: Drilling  
Drill, survey & clean on rig. BGG 4 to 6 units, CG 30 to 60 units.  
DC: \$20,540 CC: \$52,225
- 11-8-95 TD: 3,735' (1,155') Day 4  
Formation: 2nd Garden Gulch  
MW air & mist  
Present Operation: Drilling  
Drill, survey & clean on rig. BGG 80 to 100 units, CG 300 to 400 units.  
DC: \$15,437 CC: \$67,662
- 11-9-95 TD: 4,309' (574') Day 5  
Formation: Douglas Creek  
MW 8.5 VIS 27 pH 10.1  
Present Operation; Drilling  
Drill, load hole w/fluid, circ, drop survey, trip for bit & drill ahead. Nice sand just above yellow marker oil & gas unit, BGG 80 to 100 units, CG 250 to 300 units.  
DC: \$9,410 CC: \$77,072
- 11-10-95 TD: 5,010' (701') Day 6  
Formation: Black Shale  
MW 8.5 VIS 27 pH 10  
Present Operation: Drilling  
Drill, survey, & clean on rig. R-5 look OK. GU3 - thin sand, oil & gas show. G3 - 8 to 10 oil & gas show.  
DC: \$10,057 CC: \$87,129
- 11-11-95 TD: 5,400' (390') Day 7  
Formation: B-Zone  
MW 8.5 VIS 27 pH 10  
Present Operation: Logging  
Drill, clean on rig, circ for logs, drop survey. TOO H for logs, WO Schlumberger to rehead wireline. Started PU logging tools & line jumped off top sheave & screwed up bridle. WO one from Vernal. Log well.  
Dc: \$17,462 CC: \$104,591

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #22-20-9-18Y

Location: SE NW Section 20, T9S, R18E

Uintah County, Utah

---TIGHT HOLE---

- 11-12-95 TD: 5,400' (0') Day 8  
Formation: B-Zone  
Present Operation: RDMO.  
Finish logging, forget to send porosity log in, TIH, LD drill pipe & drill collars.  
Change pipe rams to 5-1/2" & test to 2000# - OK. RU & run 5-1/2" csg as follows:
- |                               |                 |
|-------------------------------|-----------------|
| Guide Shoe                    | .60'            |
| 1 jt 5-1/2" 15.5# shoe jt     | 43.70'          |
| Float Collar                  | 1.00'           |
| 123 jts 5-1/2", 15.5 J-55 csg | 5315.62'        |
|                               | <u>5366.92'</u> |
| Landing jt                    | 10.00'          |
| 5-1/2" csg set @              | 5370.92'        |
| PBTD:                         | 5325.62'        |
- Cmt by BJ w/540 sxs Super "G" w/47#/sx G, 3#/sx POZ, 34#/sx BA-91, 2% salt, 2% gel, 3#/sx KOL seal, & 1/4#/sx Celloseal. Tail w/200 sxs 50/50 POZ w/2% gel, 2#/sx KOL seal, & 1/4#/sx Celloseal. 6 bbls cmt to pit. Plug down @ 8:15 p.m. Release rig @ 12:15 p.m.  
DC: \$56,401 CC: \$160,992
- 11-15-95 Completion  
MIRU Cannon Well Service #2. NU 5M wellhead & BOP. TIH w/4-3/4" bit, csg scraper, & 172 jts 2-7/8" tbg. Tag PBTD @ 5322' KB. SWIFN.  
DC: \$15,374 CC: 176,366
- 11-16-95 Completion  
Circ hole clean w/130 bbls 2% KCL wtr. TOOH w/tbg, scraper, & bit. RU Schlumberger to run CBL from 5270' KB to 290' KB w/1000 psi, TOC @ 298' KB. Perf 4750'-52' & 4801'-06' (4 SPF). RD Schlumberger. TIH w/RBP, retrieving tool, 2-3/8" x 2-7/8" sub, HD packer, 2-3/8" x 2-7/8" crossover, SN & 154 jts 2-7/8" tbg. Set BP @ 4786' & packer @ 4727' KB. SWIFN. 116 BLWTR.  
DC: \$7,696 CC: \$184,062

## DAILY OPERATING REPORT

### BALCRON MONUMENT FEDERAL #22-20-9-18Y

Location: SE NW Section 20, T9S, R18E

Uintah County, Utah

---TIGHT HOLE---

#### 11-17-95 Completion

RU BJ to break down 4750'-52' w/250 gals 15% HCL & 1167 gals 2% KCL wtr. ATP 4350 psi, ATR 4.3 bpm. ISIP 1300 psi. Reset BP @ 4862', EOT @ 4783', packer @ 4790 & break down 4801'-06' w/250 gals 15% KCL & 1554 gals 2% KCL wtr. ATP 1850 psi, ATR 3.8 bpm, ISIP 1350 psi. Communicated between 4750'-52' & 4801'-06', set packer @ 4734' & restart break down. RU BJ to frac 4750'-4806' w/48,600# 16/30 mesh sand w/15,456 gals 2% KCL gelled wtr. ATP 1900, ATR 30.7 bpm. ISIP 1700 psi, 5 min 1580 psi, 10 min 1500 psi, 15 min 1450 & 30 min 1390 psi. Start flow back, 1/2 bpm, flowed back 285 BW, trace of sand, & no gas. TIH w/retrieving tool, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" crossover, SN & 153 jts 2-7/8" tbg. Tag sand @ 4710' KB. Circ down to BP @ 4862' KB. Set packer @ 4727' KB. SWIFN.

DC: \$26,850

CC: \$210,912

#### 11-18-95 Completion

Made 28 swab runs, recovered trace of oil & 139 BW, gas cut. FL @ 2500' last 4 runs. No sand las 3 runs, returned estimated 500# of sand. Release packer, tag sand @ 4853' KB, circ down to BP @ 4862' KB, release BP. Reset BP @ 4521' KB. TOOH w/tbg, packer @ retrieving tool. SWIFN.

DC: \$2,046

CC: \$212,958

#### 11-20-95 Completion

RU Schlumberger & perf 4461'-63' & 4464'-69'. RD Schlumberger. TIH w/retrieving tool, 2-3/8" x 4' sub, 2-3/8" x 2-7/8" crossover, SN & 142 jts 2-7/8" tbg. Set packer @ 4415' KB, EOT @ 4422' KB. RU BJ to break down 4461'-69' w/1890 gals 2% KCL wtr. ATP 2400 psi, ATR 5.2 bpm, ISIP 1500 psi. TOOH w/tbg, packer & retrieving tool. RU BJ to frac 4461'-69' w/46,900# 16/30 mesh sand w/14,280 gals 2% KCL gelled wtr. ATP 2150 psi, ATR 20 bpm, ISIP 4200 psi, 5 min 1520 psi, 10 min 1420 psi, 15 min 1390 psi, & 30 min 1280 psi. Start flow back 1/2 bpm for 1 hr, 1 bpm for 3 hrs. Flow back 140 BW w/trace of sand. TIH w/retrieving tool, 2-3/8" x 4' sub, packer, 2-3/8" x 2-7/8" crossover, SN & 139 jts 2-7/8" tbg. Flowed back 70 BW. Tag sand @ 4308' KB. Circ down to BP @ 4521' KB, used 12 BW. Set packer @ 4415' KB. SWIFN. 350 BLWTR.

DC: \$25,327

CC: \$238,285

#### 11-21-95 Completion

FL @ surface. Made 30 swab runs, recovered 1 BO & 148 BW. Last 4 runs oil 2%, last 4 runs FL @ 2000', good gas. No sand last 3 runs. Release packer, tag sand @ 4480' KB. Circ down to BP @ 4521' KB, used 37 BW. Release BP, TOOH w/tbg, packer & BP. SWIFN.

DC: \$2,065

CC: \$240,350

**DAILY OPERATING REPORT**

**BALCRON MONUMENT FEDERAL #22-20-9-18Y**

**Location: SE NW Section 20, T9S, R18E**

**Uintah County, Utah**

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

**12-8-95      Start well pumping @ 1:00 p.m.; 5-1/4 SPM, 86" stroke.**



**EQUITABLE RESOURCES  
ENERGY COMPANY**

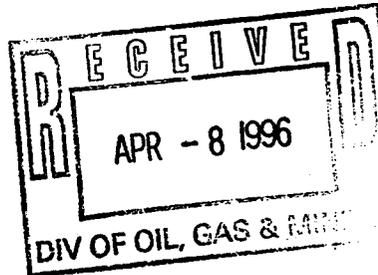
**BALCRON OIL DIVISION**

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

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

8. Well Name and Number:  
See attached listing

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

9. API Well Number:  
See attached listing

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

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

4. Location of Well  
Footages: See attached listing

County: See attached list

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

State: UTAH

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

NOTICE OF INTENT  
(Submit in Duplicate)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other \_\_\_\_\_
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

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

SUBSEQUENT REPORT  
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change of Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other Operator name change
- New Construction
- Pull or Alter Casing
- Reperforate
- Vent or Flare
- Water Shut-Off

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

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

APR - 8 1996

13.

Name & Signature:

Bobbie Schuman  
Bobbie Schuman

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

(This space for State use only)

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

Routing:

1	LE 7-SJ	✓
2	DD 58-FILE	✓
3	VLD (GII) 24	✓
4	RJE	✓
5	IT	✓
6	FILM	✓

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

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

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

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone (406) <u>259-7860</u>	phone (406) <u>259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

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

Name: <b>**SEE ATTACHED**</b>	API: <u>047-32711</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**

- Y 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.
- Y 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ *(4-10-96)*
- Y 6. Cardex file has been updated for each well listed above. *(4-11-96)*
- Y 7. Well file labels have been updated for each well listed above. *(4-11-96)*
- Y 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)*
- Y 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

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

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

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

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated     19   , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/22/96
- DTJ 2. Copies of documents have been sent to State Lands for changes involving State leases.  
Sent to Ed Bonner - Trust Lands

**FILMING**

- WSP 1. All attachments to this form have been microfilmed. Date: May 20 1996.

**FILING**

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

**COMMENTS**

9/20/10 BLM/BIA "Formal approval not necessary"

STATE OF UTAH  
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      Entry      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ BALCRON FEDERAL 42-19Y 4304732616 11756 09S 18E 19	GRRV					
✓ BALCRON FEDERAL 12-20Y 4304732617 11758 09S 18E 20	GRRV					
✓ BALCRON FEDERAL 32-19Y 4304732615 11771 09S 18E 19	GRRV					
✓ BALCRON MONUMENT FEDERAL 24-25 4304732669 11825 08S 17E 25	GRRV					
✓ BALCRON MONUMENT FEDERAL 34-25 4304732670 11831 08S 17E 25	GRRV					
✓ BALCRON MONUMENT FEDERAL 22-22-8-17Y 01331538 11842 08S 17E 22	GRRV					
✓ BALCRON MONUMENT FEDERAL 11-22-8-17Y 4301331539 11845 08S 17E 22	GRRV					
✓ BALCRON MONUMENT FEDERAL 11-20-9-18Y 4304732712 11846 09S 18E 20	GRRV					
✓ BALCRON MONUMENT FEDERAL 22-20-9-18Y 4304732711 11852 09S 18E 20	GRRV					
✓ BALCRON MONUMENT FEDERAL 14-3-9-17Y 4301331535 11857 09S 17E 10	GRRV					
✓ BALCRON MONUMENT FEDERAL 21-10-9-17Y 4301331537 11859 09S 17E 10	GRRV					
✓ BALCRON MONUMENT STATE 21-2-9-17Y 4304732703 11863 09S 17E 20	GRRV					
✓ BALCRON MONUMENT FEDERAL 12-10-9-17Y 4301331536 11867 09S 17E 10	GRRV					
<b>TOTALS</b>						

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

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-64917**

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

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

8. Well Name and No.  
**Balc. Mon. Fed. #22-20-9-10**

9. API Well No.  
**43-047-32711**

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

11. County or Parish, State  
**Duchesne Co., UTAH**

*SUBMIT IN TRIPLICATE*

**CONFIDENTIAL**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**Equitable Resources Energy Company**

3. Address and Telephone No.  
**1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SE NW Section 20, T9S, R16E  
1980' FNL, 1980' FWL**

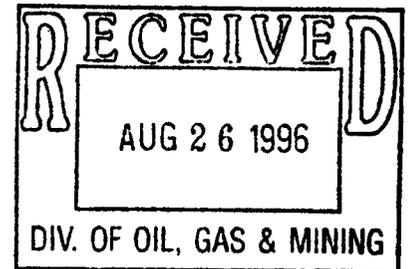
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

Started well pumping at 11 a.m. 8/2/96.



ORIGINAL: Bureau of Land Management (Vernal, UT)  
COPY: Utah Division of Oil, gas and Mining

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

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

Title Regulatory and Environmental Specialist

Date August 23, 1996

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

Title \_\_\_\_\_

Date \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

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

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

SE NW Section 20, T9S, R18E  
1980' FNL, 1980' FWL

5. Lease Designation and Serial No.  
U-64917

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

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

8. Well Name and No.  
Balcron Mon.Fed. #22-20-9-18Y

9. API Well No.  
43-047-32711

10. Field and Pool, or Exploratory Area  
8 Mile Flat North/Grn. River

11. County or Parish, State  
Uintah County, UTAH

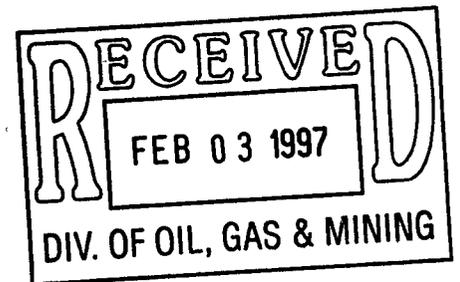
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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>surface disturbance to lay line</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
	<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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 requests approval to lay a 2" surface poly line from this well to the Balcron Federal #12-20Y (same lease). The line will be used for fuel gas.  
NOTE: This request is after-the-fact. Notice was received by Operator that prior approval for this additional surface disturbance had not been requested. See attached map.

ORIGINAL: Bureau of Land Management (Vernal, UT)  
COPY: Utah Division of Oil, Gas, and Mining



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

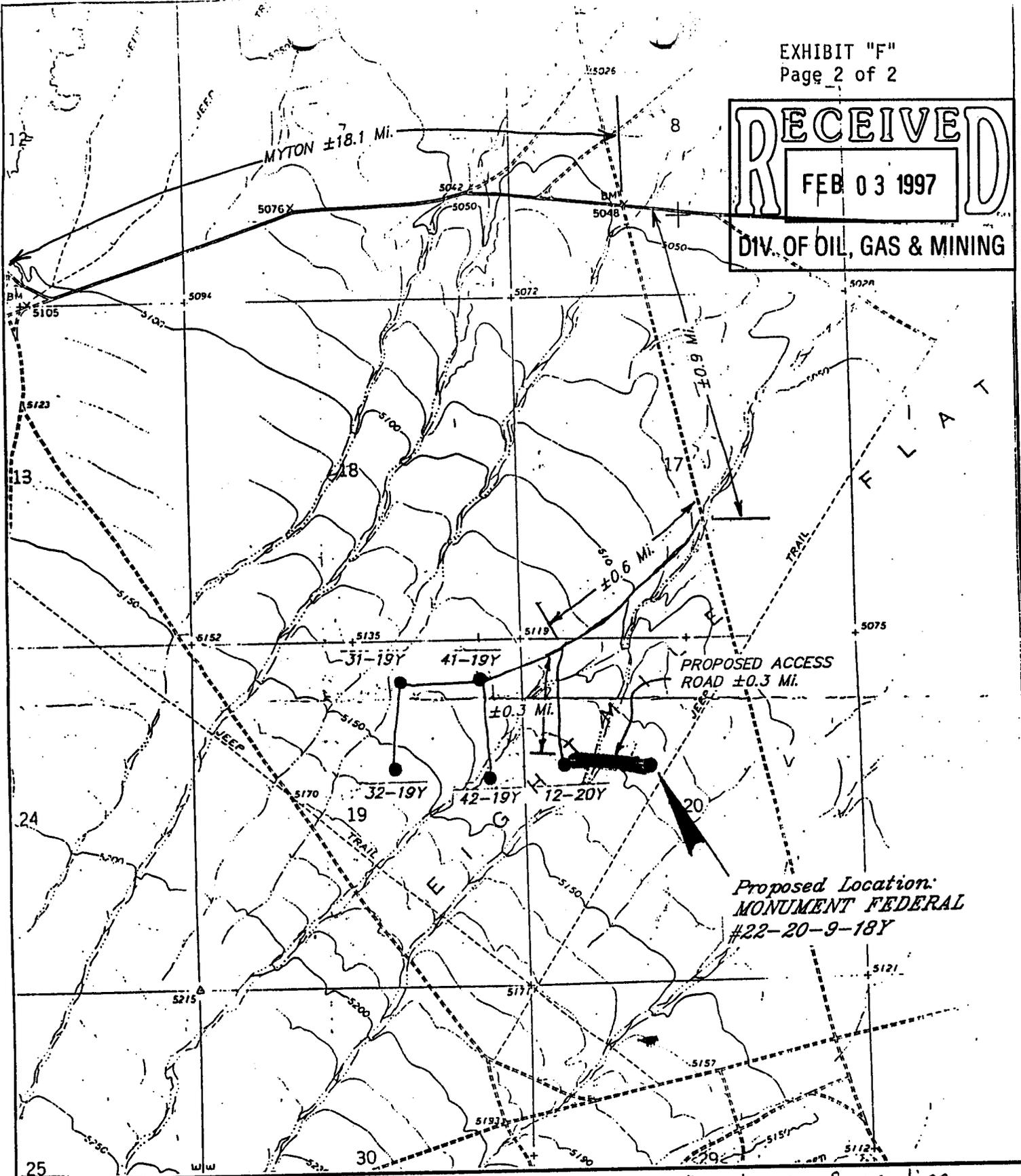
Signed Robbie Schuman Title Regulatory and Environmental Specialist Date January 30, 1997  
(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_  
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.

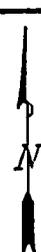
\*See Instruction on Reverse Side

**RECEIVED**  
FEB 03 1997  
DIV. OF OIL, GAS & MINING



**EQUITABLE RESOURCES CO.**

**MONUMENT FEDERAL #22-20-9-18Y**  
SEC. 20, T9S, R18E, S.L.B.&M.  
TOPO "B"



SCALE: 1" = 2000'

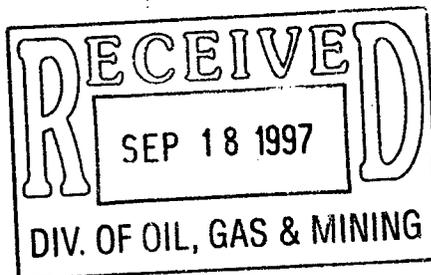
— 2" poly surface line

**Tri State**  
Land Surveying, Inc.  
(801) 781-2501  
38 WEST 100 NORTH VERNAL, UTAH 84078



**ERI**

**Equitable Resources Energy Company**  
**Western Region**  
1601 Lewis Avenue  
Billings, MT 59102



43-047-32711

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

September 3, 1997

Mr. Raymond Arnold  
Bureau of Land Management  
Vernal Field Office  
170 South 500 East  
Vernal, Utah 84078-2799

Dear Mr. Arnold:

RE: Eight Mile Flat /All Wells  
Sections 19 and 20, T9S, R18E  
Uintah County, Utah  
Vented Gas Volume Calculations

In accordance with your request the gas volumes vented sense start up of the Eight Mile Flat wells have been recalculated using the following criteria:

- 1) At start up of the Eight Mile Flat wells it was necessary to supplement fuel gas with propane. Therefore the vented gas to oil ratio was assumed to be zero for the first 30 days of production.
- 2) The vented gas to oil ratio from the first GOR test is applied back to the date of 30 day production due to the lack of better data.
- 3) The vented GOR is assumed to increase or decrease linearly between additional GOR tests.

Please refer to the individual daily production spreadsheets for each well and the summary of gas vented for the wells in the Eight Mile Flat Field. If there are any further questions please contact me at our Billings, Montana office (406-259-7860).

Respectfully,

John Zellitti  
District Production Engineer

Attachments

cc: Utah Division of Oil, Gas and Mining



**EQUITABLE RESOURCES**  
**ENERGY COMPANY**  
**WESTERN REGION**

**Summary Of Gas Vented**

Eight Mile Flat Field  
Sections 19 & 20, T9S, R18E  
Uintah County, Utah

Well Name	Date Of First Production	Average Vented GOR (MSCF/STB)	Cum. Oil Production (STBO)	Calculated Gas Vented From Start Up Of Well (MSCF)
Balcron Federal #41-19Y	8/23/94	5.1363	33,114	46,784
Balcron Federal #31-19Y	4/21/95	2.2055	12,638	14,237
Balcron Federal #42-19Y	4/29/95	3.3734	19,865	36,135
Balcron Federal #12-20Y	5/18/95	2.4710	22,114	27,110
Monument Federal #32-19Y	6/19/95	0.3339	5,566	2,320
Balcron Federal #11-20Y	11/24/95	5.1764	15,068	70,226
Balcron Federal #22-20Y	12/7/95	0.0000	1,180	0
Monument Federal #43-19Y	4/30/96	3.1657	5,004	10,872
Total Gas Vented			114,549	207,684

The gas to oil ratio is calculated using the volume of gas vented and the 30 day average oil production for the day that the gas test was performed ( I.e This is a vented GOR and does not include gas used on lease).  
The vented GOR is assumed to be zero for the first 30 days of production due to propane usage to suppliment fuel gas.  
The vented GOR of the first gas test is applied back to the date of 30 day production and is then assumed to increase or decrease linearly between gas tests.



**EQUITABLE RESOURCES  
ENERGY COMPANY  
WESTERN REGION**

**Summary Of Gas Tests**

Eight Mile Flat Field  
Sections 19 & 20, T9S, R18E  
Uintah County, Utah

Well Name	Date Of First Production	Date Of Gas Test	Orifice (Inches)	Casing Pressure (Psig)	Vented Gas (MSCFPD)	30 Day Average Oil Production (STBOPD)	Vented GOR (MSCF/STB)	
Balcron Federal #41-19Y	8/23/94	9/21/95	1/4	15	39	36.98	1.0546	
		12/23/96	1/8	72	37	9.18	4.0305	
		2/27/97	1/8	80	41	4.91	8.3503	
		3/22/97	1/4	19	46	6.47	7.1097	
								Average GOR:
Balcron Federal #31-19Y	4/21/95	9/20/95	1/8	35	21	21.43	0.9799	
		2/20/97	1/8	30	19	7.93	2.3960	
		3/22/97	1/8	35	21	6.48	3.2407	
								Average GOR:
Balcron Federal #42-19Y	4/29/95	9/19/95	1/4	45	80	47.32	1.6906	
		11/26/96	1/8	73	37	13.43	2.7550	
		2/19/97	1/4	25	55	10.82	5.0832	
		3/22/97	1/4	13	36	9.08	3.9648	
								Average GOR:
Balcron Federal #12-20Y	5/18/95	9/21/95	1/4	16	41	62.86	0.6522	
		11/20/96	1/8	72	37	15.79	2.3433	
		2/19/97	1/8	87	43	12.65	3.3992	
		3/21/97	1/8	82	41	11.75	3.4894	
								Average GOR:
Monument Federal #32-19Y	6/14/95	9/20/95	1/8	0	0	11.91	0.0000	
		11/27/96	1/8	8	8	5.99	1.3356	
		2/20/97	1/8	0	0	4.61	0.0000	
		3/23/97	1/8	0	0	3.55	0.0000	
								Average GOR:
Balcron Federal #11-20Y	11/24/95	11/20/96	1/8	50	90	16.94	5.3129	
		2/19/97	1/4	38	73	15.24	4.7900	
		3/21/97	1/4	36	70	12.90	5.4264	
								Average GOR:
Balcron Federal #22-20Y	12/7/95	Well is not venting gas, uses gas from the #12-22Y for fuel.						
Monument Federal #43-19Y	4/30/96	11/21/96	1/8	63	33	11.74	2.8109	
		2/20/97	1/4	12	24	8.88	2.7027	
		3/23/97	1/4	9	29	7.28	3.9835	
								Average GOR:

The gas to oil ratio is calculated using the volume of gas vented and the 30 day average oil production for the day that the gas test was performed ( I.e This is a vented GOR and does not include gas used on lease).  
The GOR is assumed to increase or decrease linearly between gas tests.



**EQUITABLE RESOURCES  
ENERGY COMPANY  
WESTERN REGION**

**Payout Calculations**

**Eight Mile Flat Field  
Gas Gathering System**

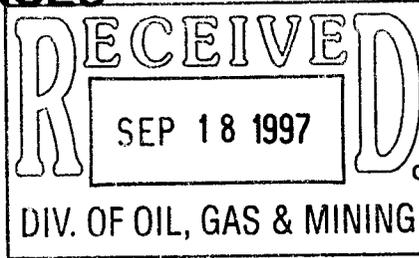
Total estimated cost of gas gathering system from Eight Mile Flat wells to EREC's Monument Butte Gas Plant = \$215,765.00

$$\begin{aligned}
 \text{Payout} &= \frac{\text{Project Cost}}{(\text{Gas Volume})(\text{Sales Price})(\text{NRI}) - \text{Operating Costs}} = \frac{\$215,765.00}{(\text{Gas Volume})((\$1.50/\text{mscf})(0.825) - \$0.50/\text{mscf})} \\
 &= \frac{\$215,765.00}{(\text{Gas Volume})((\$1.50/\text{mscf})(0.825) - \$0.50/\text{mscf})} = \frac{\$215,765.00}{(\text{Gas Volume})((\$0.7375/\text{mscf}))} \\
 &= \frac{\$292,562.70 \text{ (mscf)}}{\text{Gas Volume (mscfpd)}}
 \end{aligned}$$

Gas Volume (mscfpd)	Payout (Days)	Payout (Years)
25	11703	32.06
50	5851	16.03
75	3901	10.69
100	2926	8.02
125	2341	6.41
150	1950	5.34
175	1672	4.58
200	1463	4.01
225	1300	3.56
250	1170	3.21
275	1064	2.91
300	975	2.67
325	900	2.47
350	836	2.29
375	780	2.14
400	731	2.00


**EQUITABLE RESOURCES**  
**ENERGY COMPANY**  
**WESTERN REGION**

Daily Production History



Calculation Of Vented Gas

 Balcron Federal #22-20Y  
 SE NW Sec.20, T9S, R18E  
 Uintah County, Utah

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
12/06/95								
12/07/95	0.00	0.00		0	Start Up	0.000000	0	0
12/08/95	0.00	0.00		0		0.000000	0	0
12/09/95	0.00	67.10		0		0.000000	0	0
12/10/95	0.00	90.43		0		0.000000	0	0
12/11/95	0.00	108.76		0		0.000000	0	0
12/12/95	0.00	120.42		0		0.000000	0	0
12/13/95	0.00	128.76		0		0.000000	0	0
12/14/95	0.00	128.76		0		0.000000	0	0
12/15/95	6.70	85.45		7		0.000000	0	0
12/16/95	0.00	95.46		7		0.000000	0	0
12/17/95	18.75	100.05		25		0.000000	0	0
12/18/95	33.36	60.02		59		0.000000	0	0
12/19/95	8.33	70.03		67		0.000000	0	0
12/20/95	26.68	45.02		94		0.000000	0	0
12/21/95	0.00	76.69		94		0.000000	0	0
12/22/95	0.00	85.02		94		0.000000	0	0
12/23/95	0.00	68.35		94		0.000000	0	0
12/24/95	8.34	66.68		102		0.000000	0	0
12/25/95	0.00	81.68		102		0.000000	0	0
12/26/95	6.66	70.02		109		0.000000	0	0
12/27/95	10.01	65.01		119		0.000000	0	0
12/28/95	6.67	63.34		126		0.000000	0	0
12/29/95	11.67	63.39		137		0.000000	0	0
12/30/95	8.33	61.68		146		0.000000	0	0
12/31/95	10.01	60.00		156		0.000000	0	0
01/01/96	8.33	61.67		164		0.000000	0	0
01/02/96	15.00	55.01		179		0.000000	0	0
01/03/96	13.34	60.00		192		0.000000	0	0
01/04/96	0.00	30.00		192	r-53.34	0.000000	0	0
01/05/96	5.00	60.00		197	r-6.67	0.000000	0	0
01/06/96	10.00	53.34		207		0.000000	0	0
01/07/96	13.33	61.67		221		0.000000	0	0
01/08/96	8.34	49.99		229		0.000000	0	0
01/09/96	0.00			229	Down - workover rig	0.000000	0	0
01/10/96	0.00			229		0.000000	0	0
01/11/96	0.00			229		0.000000	0	0
01/12/96	0.00			229		0.000000	0	0
01/13/96	0.00			229		0.000000	0	0
01/14/96	0.00			229		0.000000	0	0
01/15/96	0.00		7.41	229	30 day production	0.000000	0	0
01/16/96	0.00		6.78	229		0.000000	0	0
01/17/96	0.00		5.67	229		0.000000	0	0
01/18/96	0.00		5.39	229		0.000000	0	0
01/19/96	0.00		4.50	229		0.000000	0	0
01/20/96	0.00		4.50	229		0.000000	0	0
01/21/96	0.00		4.50	229		0.000000	0	0
01/22/96	0.00		4.50	229		0.000000	0	0
01/23/96	0.00		4.22	229		0.000000	0	0
01/24/96	0.00		4.22	229		0.000000	0	0
01/25/96	45.00		5.50	274		0.000000	0	0
01/26/96	0.00	59.97	5.17	274		0.000000	0	0
01/27/96	18.32	38.32	5.56	292		0.000000	0	0
01/28/96	6.67		5.39	299		0.000000	0	0
01/29/96	8.33		5.39	307		0.000000	0	0

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
01/30/96	3.33	1.66	5.17	311		0.000000	0	0
01/31/96	5.00		5.06	316		0.000000	0	0
02/01/96	3.33		4.67	319		0.000000	0	0
02/02/96	0.00	16.66	4.22	319	r-46.65	0.000000	0	0
02/03/96	0.00		4.22	319	r-8.33	0.000000	0	0
02/04/96	0.00		4.06	319	r-5.00	0.000000	0	0
02/05/96	5.00		3.89	324		0.000000	0	0
02/06/96	3.33		3.56	327		0.000000	0	0
02/07/96	0.00	8.33	3.28	327		0.000000	0	0
02/08/96	1.66		3.33	329		0.000000	0	0
02/09/96	6.67		3.55	335		0.000000	0	0
02/10/96	5.02	3.33	3.72	341		0.000000	0	0
02/11/96	1.68	0.00	3.78	342		0.000000	0	0
02/12/96	1.67		3.83	344		0.000000	0	0
02/13/96	3.35		3.95	347		0.000000	0	0
02/14/96	6.09		4.15	353	60 day production	0.000000	0	0
02/15/96	3.01		4.25	356		0.000000	0	0
02/16/96	1.51		4.30	358		0.000000	0	0
02/17/96	1.51		4.35	359		0.000000	0	0
02/18/96	1.51		4.40	361		0.000000	0	0
02/19/96	1.50		4.45	362		0.000000	0	0
02/20/96	1.51		4.50	364		0.000000	0	0
02/21/96	1.55		4.55	365		0.000000	0	0
02/22/96	1.67		4.61	367		0.000000	0	0
02/23/96	1.68		4.66	369		0.000000	0	0
02/24/96	1.67		3.22	370		0.000000	0	0
02/25/96	1.68		3.28	372		0.000000	0	0
02/26/96	1.67		2.72	374		0.000000	0	0
02/27/96	1.67		2.55	375		0.000000	0	0
02/28/96	33.44	1.66	3.39	409		0.000000	0	0
02/29/96	5.00		3.45	414		0.000000	0	0
03/01/96	3.33		3.39	417		0.000000	0	0
03/02/96	1.67		3.34	419		0.000000	0	0
03/03/96	3.33		3.45	422		0.000000	0	0
03/04/96	3.34		3.56	426		0.000000	0	0
03/05/96	0.00		3.56	426	R-36.72	0.000000	0	0
03/06/96	1.67		3.45	427	R-3.34	0.000000	0	0
03/07/96	3.33		3.45	431		0.000000	0	0
03/08/96	5.00		3.61	436		0.000000	0	0
03/09/96	3.34		3.67	439		0.000000	0	0
03/10/96	3.33		3.56	442		0.000000	0	0
03/11/96	1.67		3.45	444		0.000000	0	0
03/12/96	3.33		3.50	447		0.000000	0	0
03/13/96	1.67		3.50	449		0.000000	0	0
03/14/96	1.67		3.45	451		0.000000	0	0
03/15/96	1.67		3.30	452	90 day production	0.000000	0	0
03/16/96	3.33		3.31	456		0.000000	0	0
03/17/96	1.67		3.31	457		0.000000	0	0
03/18/96	1.67		3.32	459		0.000000	0	0
03/19/96	1.66		3.32	461		0.000000	0	0
03/20/96	1.67		3.33	462		0.000000	0	0
03/21/96	1.67		3.34	464		0.000000	0	0
03/22/96	1.67		3.34	466		0.000000	0	0
03/23/96	1.66		3.34	467		0.000000	0	0
03/24/96	1.67		3.34	469		0.000000	0	0
03/25/96	1.67		3.34	471		0.000000	0	0
03/26/96	1.66		3.34	472		0.000000	0	0
03/27/96	1.67		3.34	474		0.000000	0	0
03/28/96	1.67		3.34	476		0.000000	0	0
03/29/96	1.67		2.28	477		0.000000	0	0
03/30/96	1.66		2.17	479		0.000000	0	0
03/31/96	3.34		2.17	482		0.000000	0	0
04/01/96	1.66		2.17	484		0.000000	0	0
04/02/96	0.00		2.06	484	R-56.69	0.000000	0	0
04/03/96	20.00	1.67	2.61	504	R-3.33	0.000000	0	0
04/04/96	3.33		2.72	507		0.000000	0	0
04/05/96	3.34		2.78	511		0.000000	0	0
04/06/96	3.33		2.78	514		0.000000	0	0

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
04/07/96	3.33		2.72	517		0.000000	0	0
04/08/96	3.33		2.72	521		0.000000	0	0
04/09/96	1.67		2.67	522		0.000000	0	0
04/10/96	3.33		2.72	526		0.000000	0	0
04/11/96	3.34		2.72	529		0.000000	0	0
04/12/96	1.66		2.72	531		0.000000	0	0
04/13/96	3.34		2.78	534		0.000000	0	0
04/14/96	3.33		2.83	537		0.000000	0	0
04/15/96	1.66		2.78	539		0.000000	0	0
04/16/96	3.34		2.83	542		0.000000	0	0
04/17/96	3.33		2.89	546		0.000000	0	0
04/18/96	1.67		2.89	547		0.000000	0	0
04/19/96	3.33		2.94	551		0.000000	0	0
04/20/96	1.67		2.94	552		0.000000	0	0
04/21/96	3.33		3.00	556		0.000000	0	0
04/22/96	1.67		3.00	557		0.000000	0	0
04/23/96	3.33		3.06	561		0.000000	0	0
04/24/96	1.66		3.06	562		0.000000	0	0
04/25/96	1.67		3.06	564		0.000000	0	0
04/26/96	3.33		3.11	567		0.000000	0	0
04/27/96	1.67		3.11	569		0.000000	0	0
04/28/96	3.33		3.17	572		0.000000	0	0
04/29/96	1.67		3.17	574		0.000000	0	0
04/30/96	3.33		3.17	577		0.000000	0	0
05/01/96	3.34		3.22	581		0.000000	0	0
05/02/96	1.66		3.28	582		0.000000	0	0
05/03/96	1.67		2.67	584		0.000000	0	0
05/04/96	3.33		2.67	587		0.000000	0	0
05/05/96	0.00		2.56	587	pumping no production	0.000000	0	0
05/06/96	1.67		2.50	589		0.000000	0	0
05/07/96	0.00		2.39	589	r-46.66	0.000000	0	0
05/08/96	0.00		2.28	589	r-13.33	0.000000	0	0
05/09/96	3.33		2.33	592		0.000000	0	0
05/10/96	5.00		2.39	597		0.000000	0	0
05/11/96	3.33		2.39	601		0.000000	0	0
05/12/96	1.67		2.39	602		0.000000	0	0
05/13/96	3.33		2.39	606		0.000000	0	0
05/14/96	1.67		2.33	607		0.000000	0	0
05/15/96	3.34		2.39	611		0.000000	0	0
05/16/96	1.66		2.33	612		0.000000	0	0
05/17/96	3.34		2.33	616		0.000000	0	0
05/18/96	1.66		2.33	617		0.000000	0	0
05/19/96	3.34		2.33	621		0.000000	0	0
05/20/96	1.66		2.33	622		0.000000	0	0
05/21/96	1.67		2.28	624		0.000000	0	0
05/22/96	3.33		2.33	627		0.000000	0	0
05/23/96	1.67		2.28	629		0.000000	0	0
05/24/96	1.67		2.28	631		0.000000	0	0
05/25/96	1.66		2.28	632		0.000000	0	0
05/26/96	1.67		2.22	634		0.000000	0	0
05/27/96	1.67		2.22	636		0.000000	0	0
05/28/96	5.00		2.28	641		0.000000	0	0
05/29/96	0.00		2.22	641		0.000000	0	0
05/30/96	1.67		2.17	642		0.000000	0	0
05/31/96	1.66		2.11	644		0.000000	0	0
06/01/96	3.34		2.17	647		0.000000	0	0
06/02/96	3.33		2.22	651		0.000000	0	0
06/03/96	5.00		2.28	656		0.000000	0	0
06/04/96	0.00	5.00	2.28	656	R-48.34	0.000000	0	0
06/05/96	0.00		2.22	656	R-10.00	0.000000	0	0
06/06/96	1.67		2.28	657	R-1.67	0.000000	0	0
06/07/96	1.68		2.33	659		0.000000	0	0
06/08/96	1.66		2.28	661		0.000000	0	0
06/09/96	4.59		2.26	665		0.000000	0	0
06/10/96	3.33		2.26	668		0.000000	0	0
06/11/96	1.67		2.26	670		0.000000	0	0
06/12/96	1.67		2.21	672		0.000000	0	0
06/13/96	0.00		2.15	672		0.000000	0	0

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
06/14/96	3.33		2.15	675		0.000000	0	0
06/15/96	3.34		2.21	679		0.000000	0	0
06/16/96	1.66		2.15	680		0.000000	0	0
06/17/96	3.34		2.21	684		0.000000	0	0
06/18/96	1.66		2.15	685		0.000000	0	0
06/19/96	3.34		2.21	689		0.000000	0	0
06/20/96	0.00		2.15	689	pumping no production	0.000000	0	0
06/21/96	3.33		2.15	692		0.000000	0	0
06/22/96	1.67		2.15	694		0.000000	0	0
06/23/96	1.67		2.15	695		0.000000	0	0
06/24/96	1.67		2.15	697		0.000000	0	0
06/25/96	3.33		2.21	700		0.000000	0	0
06/26/96	1.67		2.21	702		0.000000	0	0
06/27/96	3.33		2.15	705		0.000000	0	0
06/28/96	1.67		2.21	707		0.000000	0	0
06/29/96	1.67		2.21	709		0.000000	0	0
06/30/96	1.66		2.21	710		0.000000	0	0
07/01/96	3.34		2.21	714		0.000000	0	0
07/02/96	0.00		2.10	714	r-45.04	0.000000	0	0
07/03/96	0.00		1.93	714	r-15.01	0.000000	0	0
07/04/96	6.67		2.15	720		0.000000	0	0
07/05/96	3.33		2.27	724		0.000000	0	0
07/06/96	0.00		2.21	724		0.000000	0	0
07/07/96	1.67		2.21	725		0.000000	0	0
07/08/96	1.67		2.21	727		0.000000	0	0
07/09/96	3.33		2.17	730		0.000000	0	0
07/10/96	1.67		2.11	732		0.000000	0	0
07/11/96	1.67		2.11	734		0.000000	0	0
07/12/96	1.66		2.11	735		0.000000	0	0
07/13/96	1.67		2.17	737		0.000000	0	0
07/14/96	1.67		2.11	739		0.000000	0	0
07/15/96	1.67		2.06	740		0.000000	0	0
07/16/96	3.33		2.11	744		0.000000	0	0
07/17/96	1.67		2.06	745		0.000000	0	0
07/18/96	3.33		2.11	749		0.000000	0	0
07/19/96	1.67		2.06	750		0.000000	0	0
07/20/96	1.66		2.11	752		0.000000	0	0
07/21/96	1.67		2.06	754		0.000000	0	0
07/22/96	1.67		2.06	755		0.000000	0	0
07/23/96	5.00		2.17	760		0.000000	0	0
07/24/96	1.67		2.17	762		0.000000	0	0
07/25/96	1.66		2.11	764		0.000000	0	0
07/26/96	1.67		2.11	765		0.000000	0	0
07/27/96	1.67		2.06	767		0.000000	0	0
07/28/96	1.66		2.06	769		0.000000	0	0
07/29/96	1.67		2.06	770		0.000000	0	0
07/30/96	1.67		2.06	772		0.000000	0	0
07/31/96	1.66		2.00	774		0.000000	0	0
08/01/96	3.34		2.11	777		0.000000	0	0
08/02/96	1.66		2.17	779		0.000000	0	0
08/03/96	1.67		2.00	780		0.000000	0	0
08/04/96	1.67		1.95	782		0.000000	0	0
08/05/96	1.67		2.00	784		0.000000	0	0
08/06/96	3.33		2.06	787		0.000000	0	0
08/07/96	1.67		2.06	789		0.000000	0	0
08/08/96	1.66		2.00	790		0.000000	0	0
08/09/96	1.67		2.00	792		0.000000	0	0
08/10/96	1.67		2.00	794		0.000000	0	0
08/11/96	1.66		2.00	795		0.000000	0	0
08/12/96	1.67		2.00	797		0.000000	0	0
08/13/96	3.33		2.06	800		0.000000	0	0
08/14/96	1.67		2.06	802		0.000000	0	0
08/15/96	1.67		2.00	804		0.000000	0	0
08/16/96	0.00		1.94	804	r-60.01	0.000000	0	0
08/17/96	1.66		1.89	805		0.000000	0	0
08/18/96	1.67		1.89	807		0.000000	0	0
08/19/96	3.34		1.95	810		0.000000	0	0
08/20/96	1.66		1.94	812		0.000000	0	0

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas. Vented (MSCF)
08/21/96	1.67		1.94	814		0.000000	0	0
08/22/96	1.67		1.83	815		0.000000	0	0
08/23/96	1.66		1.83	817		0.000000	0	0
08/24/96	1.67		1.83	819		0.000000	0	0
08/25/96	1.67		1.83	820		0.000000	0	0
08/26/96	1.66		1.83	822		0.000000	0	0
08/27/96	1.67		1.83	824		0.000000	0	0
08/28/96	1.67		1.83	825		0.000000	0	0
08/29/96	1.66		1.83	827		0.000000	0	0
08/30/96	1.67		1.83	829		0.000000	0	0
08/31/96	1.67		1.78	830		0.000000	0	0
09/01/96	1.66		1.78	832		0.000000	0	0
09/02/96	1.67		1.78	834		0.000000	0	0
09/03/96	1.67		1.78	835		0.000000	0	0
09/04/96	1.67		1.78	837		0.000000	0	0
09/05/96	1.66		1.72	839		0.000000	0	0
09/06/96	1.67		1.72	840		0.000000	0	0
09/07/96	1.67		1.72	842		0.000000	0	0
09/08/96	1.66		1.72	844		0.000000	0	0
09/09/96	1.67		1.72	845		0.000000	0	0
09/10/96	1.67		1.72	847		0.000000	0	0
09/11/96	3.33		1.78	850		0.000000	0	0
09/12/96	1.67		1.72	852		0.000000	0	0
09/13/96	1.66		1.72	854		0.000000	0	0
09/14/96	1.67		1.72	855		0.000000	0	0
09/15/96	5.00	3.33	1.89	860		0.000000	0	0
09/16/96	1.67		1.89	862		0.000000	0	0
09/17/96	1.66		1.89	864		0.000000	0	0
09/18/96	1.67		1.83	865	Hot oiled 60.02 bbls	0.000000	0	0
09/19/96	0.00		1.78	865	r-53.35	0.000000	0	0
09/20/96	1.00		1.76	866	r-5.00	0.000000	0	0
09/21/96	0.00		1.70	866	r-1.67	0.000000	0	0
09/22/96	1.67		1.70	868		0.000000	0	0
09/23/96	3.34		1.76	871		0.000000	0	0
09/24/96	1.66		1.76	873		0.000000	0	0
09/25/96	1.67		1.76	875		0.000000	0	0
09/26/96	3.33		1.81	878		0.000000	0	0
09/27/96	1.67		1.81	880		0.000000	0	0
09/28/96	1.67		1.81	881		0.000000	0	0
09/29/96	1.66		1.81	883		0.000000	0	0
09/30/96	1.67		1.81	885		0.000000	0	0
10/01/96	1.67		1.81	886		0.000000	0	0
10/02/96	3.33		1.87	890		0.000000	0	0
10/03/96	1.66		1.87	891		0.000000	0	0
10/04/96	1.67		1.87	893		0.000000	0	0
10/05/96	1.67		1.87	895		0.000000	0	0
10/06/96	1.66		1.87	896		0.000000	0	0
10/07/96	1.67		1.87	898		0.000000	0	0
10/08/96	1.67		1.87	900		0.000000	0	0
10/09/96	1.66		1.87	901		0.000000	0	0
10/10/96	1.67		1.87	903		0.000000	0	0
10/11/96	1.67		1.81	905		0.000000	0	0
10/12/96	1.66		1.81	906		0.000000	0	0
10/13/96	3.34		1.87	910		0.000000	0	0
10/14/96	1.66		1.87	911		0.000000	0	0
10/15/96	1.67		1.76	913		0.000000	0	0
10/16/96	1.66		1.76	915		0.000000	0	0
10/17/96	1.67		1.76	916	Hot oiled 59.99 bbls	0.000000	0	0
10/18/96	0.00		1.70	916	r-48.33	0.000000	0	0
10/19/96	1.67		1.76	918	r-11.66	0.000000	0	0
10/20/96	1.66		1.78	920		0.000000	0	0
10/21/96	1.67		1.83	921		0.000000	0	0
10/22/96	1.67		1.83	923		0.000000	0	0
10/23/96	3.33		1.83	926		0.000000	0	0
10/24/96	1.67		1.83	928		0.000000	0	0
10/25/96	1.66		1.83	930		0.000000	0	0
10/26/96	1.67		1.78	931		0.000000	0	0
10/27/96	1.67		1.78	933		0.000000	0	0

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
10/28/96	4.99		1.89	938		0.000000	0	0
10/29/96	1.67		1.89	940		0.000000	0	0
10/30/96	1.67		1.89	941		0.000000	0	0
10/31/96	3.33		1.94	945		0.000000	0	0
11/01/96	1.67		1.89	946		0.000000	0	0
11/02/96	1.66		1.89	948		0.000000	0	0
11/03/96	1.67		1.89	950		0.000000	0	0
11/04/96	3.33		1.94	953		0.000000	0	0
11/05/96	1.67		1.94	955		0.000000	0	0
11/06/96	1.67		1.94	956		0.000000	0	0
11/07/96	1.66		1.94	958		0.000000	0	0
11/08/96	1.67		1.94	960		0.000000	0	0
11/09/96	1.67		1.94	961		0.000000	0	0
11/10/96	1.66		1.94	963		0.000000	0	0
11/11/96	1.67		1.94	965		0.000000	0	0
11/12/96	1.66		1.89	966		0.000000	0	0
11/13/96	1.67		1.89	968		0.000000	0	0
11/14/96	1.67		1.89	970		0.000000	0	0
11/15/96	1.66		1.89	971	Hot oiled 59.99 bbls	0.000000	0	0
11/16/96	0.00		1.83	971	r-31.66	0.000000	0	0
11/17/96	0.00		1.83	971	r-28.33	0.000000	0	0
11/18/96	1.67		1.83	973		0.000000	0	0
11/19/96	5.00		1.94	978		0.000000	0	0
11/20/96	1.67		1.94	980		0.000000	0	0
11/21/96	1.66		1.94	981		0.000000	0	0
11/22/96	1.67		1.89	983		0.000000	0	0
11/23/96	1.67		1.89	985		0.000000	0	0
11/24/96	1.67		1.89	986		0.000000	0	0
11/25/96	3.33		1.94	990		0.000000	0	0
11/26/96	1.67		1.94	991		0.000000	0	0
11/27/96	1.66		1.83	993		0.000000	0	0
11/28/96	1.67		1.83	995		0.000000	0	0
11/29/96	3.33		1.89	998		0.000000	0	0
11/30/96	1.67		1.83	1,000		0.000000	0	0
12/01/96	1.67		1.83	1,001		0.000000	0	0
12/02/96	1.66		1.83	1,003		0.000000	0	0
12/03/96	1.67		1.83	1,005		0.000000	0	0
12/04/96	1.67		1.78	1,006		0.000000	0	0
12/05/96	1.66		1.78	1,008		0.000000	0	0
12/06/96	1.67		1.78	1,010		0.000000	0	0
12/07/96	1.67		1.78	1,011		0.000000	0	0
12/08/96	1.67		1.78	1,013		0.000000	0	0
12/09/96	3.33		1.83	1,016		0.000000	0	0
12/10/96	1.67		1.83	1,018		0.000000	0	0
12/11/96	1.66		1.83	1,020	Hot oiled 60.00 bbls	0.000000	0	0
12/12/96	0.00		1.78	1,020	r-55.00	0.000000	0	0
12/13/96	0.00		1.72	1,020	r-5.00	0.000000	0	0
12/14/96	1.67		1.72	1,021		0.000000	0	0
12/15/96	0.00		1.67	1,021		0.000000	0	0
12/16/96	1.67		1.72	1,023		0.000000	0	0
12/17/96	1.66		1.78	1,025		0.000000	0	0
12/18/96	1.67		1.78	1,026		0.000000	0	0
12/19/96	3.33		1.72	1,030		0.000000	0	0
12/20/96	1.67		1.72	1,031		0.000000	0	0
12/21/96	1.67		1.72	1,033		0.000000	0	0
12/22/96	1.66		1.72	1,035		0.000000	0	0
12/23/96	1.67		1.72	1,036		0.000000	0	0
12/24/96	1.67		1.72	1,038		0.000000	0	0
12/25/96	1.67		1.67	1,040		0.000000	0	0
12/26/96	3.33	3.33	1.72	1,043		0.000000	0	0
12/27/96	2.50		1.75	1,045		0.000000	0	0
12/28/96	1.67		1.75	1,047		0.000000	0	0
12/29/96	0.00		1.64	1,047		0.000000	0	0
12/30/96	1.67		1.64	1,049		0.000000	0	0
12/31/96	1.66		1.64	1,050		0.000000	0	0
01/01/97	1.67		1.64	1,052		0.000000	0	0
01/02/97	3.34		1.70	1,055		0.000000	0	0
01/03/97	1.67		1.70	1,057		0.000000	0	0

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
01/04/97	3.30		1.75	1,060		0.000000	0	0
01/05/97	1.67		1.75	1,062		0.000000	0	0
01/06/97	1.67		1.75	1,064		0.000000	0	0
01/07/97	1.66		1.75	1,065		0.000000	0	0
01/08/97	1.67		1.69	1,067		0.000000	0	0
01/09/97	3.33		1.75	1,070		0.000000	0	0
01/10/97	1.67		1.75	1,072		0.000000	0	0
01/11/97	1.66		1.81	1,074		0.000000	0	0
01/12/97	0.00		1.81	1,074		0.000000	0	0
01/13/97	1.67		1.81	1,075		0.000000	0	0
01/14/97	1.67		1.86	1,077		0.000000	0	0
01/15/97	1.66		1.86	1,079		0.000000	0	0
01/16/97	1.67		1.86	1,080	Hot oiled 50.00 bbls	0.000000	0	0
01/17/97	0.00		1.81	1,080	r-55.01	0.000000	0	0
01/18/97	0.00		1.69	1,080	r-5.00	0.000000	0	0
01/19/97	1.67		1.69	1,082		0.000000	0	0
01/20/97	1.66	3.34	1.69	1,084		0.000000	0	0
01/21/97	0.00		1.64	1,084		0.000000	0	0
01/22/97	1.67		1.64	1,085		0.000000	0	0
01/23/97	1.67		1.64	1,087		0.000000	0	0
01/24/97	1.66		1.64	1,089		0.000000	0	0
01/25/97	1.67		1.58	1,090		0.000000	0	0
01/26/97	1.67		1.56	1,092		0.000000	0	0
01/27/97	1.67		1.56	1,094		0.000000	0	0
01/28/97	1.66		1.61	1,095		0.000000	0	0
01/29/97	1.67		1.61	1,097		0.000000	0	0
01/30/97	1.67		1.61	1,099		0.000000	0	0
01/31/97	3.33		1.67	1,102		0.000000	0	0
02/01/97	1.67		1.61	1,104		0.000000	0	0
02/02/97	1.67		1.61	1,105		0.000000	0	0
02/03/97	1.66		1.56	1,107		0.000000	0	0
02/04/97	1.67		1.56	1,109		0.000000	0	0
02/05/97	1.67		1.56	1,110		0.000000	0	0
02/06/97	1.66		1.56	1,112		0.000000	0	0
02/07/97	1.67		1.56	1,114		0.000000	0	0
02/08/97	1.67		1.50	1,115		0.000000	0	0
02/09/97	1.66		1.50	1,117		0.000000	0	0
02/10/97	1.67		1.50	1,119		0.000000	0	0
02/11/97	1.67		1.56	1,120		0.000000	0	0
02/12/97	20.00		2.17	1,140	R-6.67 H2O	0.000000	0	0
02/13/97	0.00		2.11	1,140	R-16.67 H2O	0.000000	0	0
02/14/97	0.00		2.06	1,140	R-18.34 H2O	0.000000	0	0
02/15/97	0.00		2.00	1,140		0.000000	0	0
02/16/97	0.00		2.00	1,140		0.000000	0	0
02/17/97	0.00		2.00	1,140		0.000000	0	0
02/18/97	1.67		2.00	1,142		0.000000	0	0
02/19/97	0.00		1.95	1,142		0.000000	0	0
02/20/97	0.00		1.95	1,142	R-8.33 H2O	0.000000	0	0
02/21/97	0.00		1.89	1,142		0.000000	0	0
02/22/97	1.66		1.89	1,144		0.000000	0	0
02/23/97	0.00		1.83	1,144		0.000000	0	0
02/24/97	1.67		1.83	1,145	R-3.34 H2O	0.000000	0	0
02/25/97	0.00		1.78	1,145		0.000000	0	0
02/26/97	0.00		1.72	1,145		0.000000	0	0
02/27/97	1.67		1.72	1,147		0.000000	0	0
02/28/97	1.67		1.72	1,149		0.000000	0	0
03/01/97	0.00		1.67	1,149		0.000000	0	0
03/02/97	1.66		1.61	1,150		0.000000	0	0
03/03/97	1.67		1.61	1,152		0.000000	0	0
03/04/97	0.00		1.56	1,152		0.000000	0	0
03/05/97	3.33		1.61	1,155		0.000000	0	0
03/06/97	0.00		1.56	1,155		0.000000	0	0
03/07/97	1.67		1.56	1,157		0.000000	0	0
03/08/97	1.67		1.56	1,159		0.000000	0	0
03/09/97	0.00		1.50	1,159		0.000000	0	0
03/10/97	1.66		1.50	1,160		0.000000	0	0
03/11/97	0.00		1.44	1,160		0.000000	0	0
03/12/97	0.00		1.39	1,160		0.000000	0	0

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
03/13/97	1.67		1.39	1,162		0.000000	0	0
03/14/97	1.67		0.78	1,164		0.000000	0	0
03/15/97	0.00		0.78	1,164		0.000000	0	0
03/16/97	3.33		0.89	1,167		0.000000	0	0
03/17/97	1.67		0.94	1,169		0.000000	0	0
03/18/97	1.66		1.00	1,170		0.000000	0	0
03/19/97	1.67		1.06	1,172		0.000000	0	0
03/20/97	0.00		1.00	1,172		0.000000	0	0
03/21/97	3.34		1.11	1,175		0.000000	0	0
03/22/97	1.66		1.17	1,177		0.000000	0	0
03/23/97	1.67		1.22	1,179		0.000000	0	0
03/24/97	1.67		1.22	1,180		0.000000	0	0
03/25/97								
03/26/97								
03/27/97								
03/28/97								
03/29/97								
03/30/97								
03/31/97								

Note: Well venting zero gas.

Well required propane to operate equipment until a fuel gas line was ran from the #12-20Y on June 7, 1996.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

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

See Attached Exhibit

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

See Attached

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

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

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

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 BLM Bond No. UT0056 issued by The Hartford Insurance Group.

RECEIVED

OCT 10 1997

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

Signed

*Chris A. Potter*

Title

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date

9/30/97

(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

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.

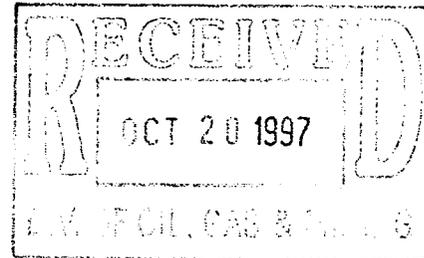
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

  
Patsy Barreau

/pb  
encls.





# EQUITABLE RESOURCES ENERGY COMPANY

**WESTERN REGION**

**(406) 259-7860 Telephone**

**(406) 245-1361 Fax**

December 10, 1997

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

Dear Lisha:

RE: Equitable Sale of Utah Properties

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

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

Sincerely,

Molly Conrad  
Agent for Equitable Resources  
Energy Company

/mc



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

TO: *Lisha*  
*St of Utah.*

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

Pages Attached - Including Cover Sheet *2.*

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



# United States Department of the Interior

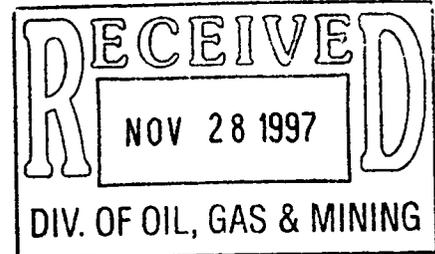
## BUREAU OF LAND MANAGEMENT

Vernal District Office  
170 South 500 East  
Vernal, Utah 84078-2799

Phone: (801) 781-4400  
Fax: (801) 781-4410

IN REPLY REFER TO:  
3162.3  
UT08438

November 13, 1997



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

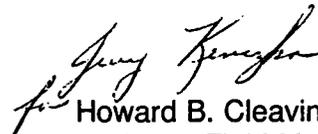
Re: <sup>43047-32711</sup> Well No. Mon. Fed. 22-20-9-18Y  
SENW, Sec. 20, T9S, R18E  
Lease U-64917  
Duchesne County, Utah

Dear Sir:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

  
Howard B. Cleavinger II  
Assistant Field Manager,  
Minerals Resources

cc: Division of Oil, Gas & Mining  
Equitable Resources Energy Company  
ABO Petro Corp  
Myco Industries Inc  
Yates Drilling Co.  
Yates Petro Corp

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
✓ DMD 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	UTU75023X
✓ MONUMENT STATE #22-16B	SE NW 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (B)	43-013-31579-00		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	

# OPERATOR CHANGE WORKSHEET

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

Routing	
1-LEC ✓	6-VFC ✓
2-GLF ✓	7-KAS ✓
3-DIS ✓	8-SIV ✓
4-VLD ✓	9-FILE ✓
5-IRB ✓	

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

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&amp;G</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: <b>**SEE ATTACHED**</b>	API: <u>43-147-32711</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 12-10-97)*
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 10-20-97)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-2-97)*
6. Cardex file has been updated for each well listed above. *(12-3-97)*
7. Well file labels have been updated for each well listed above. *(12-3-97)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-3-97)*
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**

- Jec 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 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

**BOND VERIFICATION - (FEE WELLS ONLY)**

- N/A  
Jec 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- \_\_ 2. A copy of this form has been placed in the new and former operator's bond files.
- \_\_ 3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated <sup>12/5/97</sup> \_\_\_\_\_ 19 \_\_, of their responsibility to notify all interest owners of this change.

**FILMING**

- JK 1. All attachments to this form have been microfilmed. Today's date: 1.7.98.

**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**

971202 Blm/Vernal Aprv. Nov. 10, 13 & 20, 1997.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## 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): 9 / 97

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
BALCRON MONUMENT STATE 12-2								
4301331481	11745	09S 17E 2	GRRV			ML45555		
BALCRON FEDERAL 31-19Y								
4304732614	11751	09S 18E 19	GRRV			U65635		
BALCRON FEDERAL 42-19Y								
4304732616	11756	09S 18E 19	GRRV			"		
BALCRON FEDERAL 12-20Y								
4304732617	11758	09S 18E 20	GRRV			U64917		
BALCRON FEDERAL 32-19Y								
4304732615	11771	09S 18E 19	GRRV			U65635		
BALCRON MONUMENT FEDERAL 22-22-8-17Y								
4301331538	11842	08S 17E 22	GRRV			U67845		
BALCRON MONUMENT FEDERAL 11-22-8-17Y								
4301331539	11845	08S 17E 22	GRRV			U66191		
BALCRON MONUMENT FEDERAL 11-20-9-18Y								
4304732712	11846	09S 18E 20	GRRV			U64917		
BALCRON MONUMENT FEDERAL 22-20-9-18Y								
4304732711	11852	09S 18E 20	GRRV			"		
BALCRON MONUMENT FEDERAL 14-3-9-17Y								
4301331535	11857	09S 17E 3	GRRV			U64381		
BALCRON MONUMENT FEDERAL 21-10-9-17Y								
4301331537	11859	09S 17E 10	GRRV			U65210		
BALCRON MONUMENT STATE 21-2-9-17Y								
4304732703	11863	09S 17E 2	GRRV			ML45555		
BALCRON MONUMENT FEDERAL 12-10-9-17Y								
4301331536	11867	09S 17E 10	GRRV			U65210		
<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

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 a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**U-64917**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**BALCRON MONUMENT FEDERAL 22-*dy***

9. API Well No.  
**43-047-32711**

10. Field and Pool, or Exploratory Area  
**8 MILE FLAT NORTH**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.  
**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**1980 FNL 1980 FWL      SE/NW Section 20, T09S R18E**

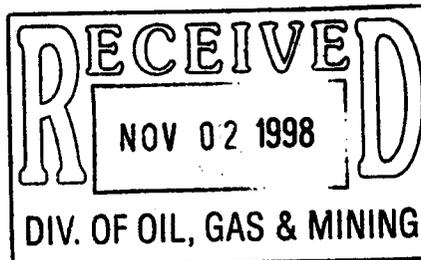
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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</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 please find the site security diagram for the above referenced well.



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

Signed *Debbie E. Knight* Title Manager, Regulatory Compliance Date 10/30/98

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

# Inland Production Company Site Facility Diagram

Federal 22-20Y

SE/NW Sec. 20, T9S, 18E

Uintah County

May 12, 1998

Site Security Plan is held at the Roosevelt Office,  
Roosevelt Utah

**Production Phase:**

- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

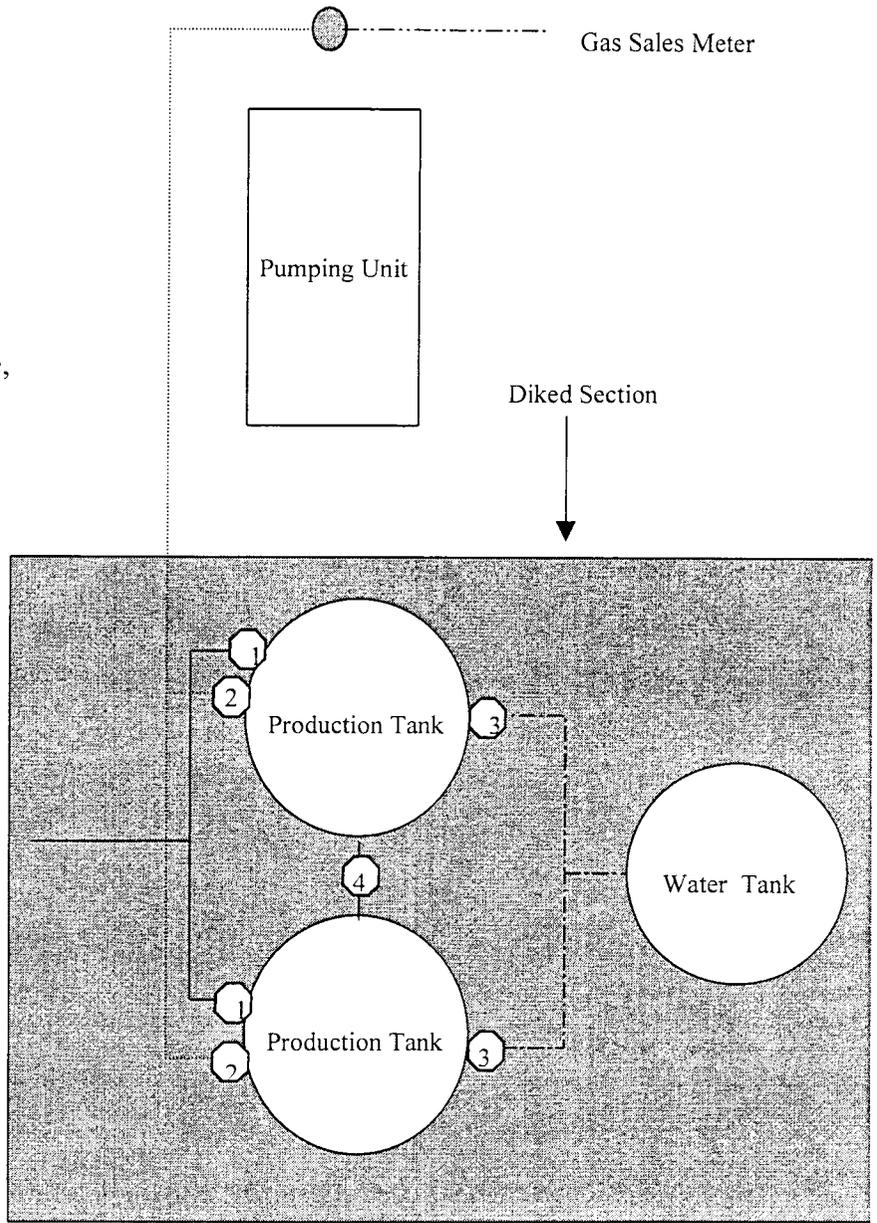
**Sales Phase:**

- 1) Valves 3 & 4 sealed closed
- 2) Valves 1 open

**Draining Phase:**

- 1) Valve 3 open

**Emulsion Line** .....  
**Load Line** \_\_\_\_\_  
**Water Line** - - - - -  
**Gas Sales** - · - · - ·



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 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. <b>U-64917</b>
2. Name of Operator <b>INLAND PRODUCTION COMPANY</b>	6. If Indian, Allottee or Tribe Name <b>NA</b>
3. Address and Telephone No. <b>Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721</b>	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., m., or Survey Description) <b>1980 FNL 1980 FWL SE/NW Section 20, T9S R18E</b>	8. Well Name and No. <b>BALCRON MON FED 22-20-9-18Y</b>
	9. API Well No. <b>43-047-32711</b>
	10. Field and Pool, or Exploratory Area <b>8 MILE FLAT NORTH</b>
	11. County or Parish, State <b>UINTAH COUNTY, UT</b>

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 checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Weekly Status Report <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.)\*

Subject well had recompletion procedures initiated in the Green River formation on 9/29/03. Existing production equipment was pulled from well. A bit and scraper were run. One new Green River interval was perforated and hydraulically fracture treated as follows: CP2 sands @ 5168-5200' (2 JSPF) fraced down 2 7/8" N-80 tbg w/96,935# 20/40 sand in 746 bbls Viking I-25 fluid. Fracs were flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 5119', pump seating nipple @ 5154', and end of tubing string @ 5217'. A repaired 1 1/4" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 10/3/03.

14. I hereby certify that the foregoing is true and correct.  
Signed Martha Hall Title Office Manager Date 10/7/2003  
Martha Hall

CC: UTAH DOGM

(This space for Federal or State office use)

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

Conditions of approval, if any:

**RECEIVED**

**OCT 08 2003**



## 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



# 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

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

**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:		<b>9/1/2004</b>
<b>FROM: (Old Operator):</b> N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO: ( New Operator):</b> N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

**CA No.** \_\_\_\_\_ **Unit:** \_\_\_\_\_

<b>WELL(S)</b>								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
PARIETTE DRAW FED 10-23	23	080S	170E	4304732672	11824	Federal	D	PA
FEDERAL 24-26	26	080S	180E	4304732700	11808	Federal	OW	P
FEDERAL 13-26	26	080S	180E	4304732720	11832	Federal	OW	P
FEDERAL 43-29	29	080S	180E	4304732701	11816	Federal	OW	P
SUNDANCE ST 5-32	32	080S	180E	4304732685	11781	State	OW	P
FEDERAL 42-35	35	080S	180E	4304732702	11811	Federal	OW	S
FEDERAL 43-35	35	080S	180E	4304732721	11830	Federal	OW	TA
FEDERAL 13-4-9-18	04	090S	180E	4304732653	10971	Federal	OW	S
FEDERAL 11-4-9-18	04	090S	180E	4304732654	10971	Federal	OW	P
BALCRON FED 31-19Y	19	090S	180E	4304732614	11751	Federal	OW	P
BALCRON FED 32-19Y	19	090S	180E	4304732615	11771	Federal	OW	P
BALCRON FED 42-19Y	19	090S	180E	4304732616	11756	Federal	OW	P
BALCRON FED 12-20Y	20	090S	180E	4304732617	11758	Federal	OW	P
BALCRON MON FED 22-20-9-18Y	20	090S	180E	4304732711	11852	Federal	OW	P
BALCRON MON FED 11-20-9-18Y	20	090S	180E	4304732712	11846	Federal	OW	P
MON FED 14-21-9-18Y	21	090S	180E	4304732726	11902	Federal	OW	S
O.K. CORRAL FEDERAL 1-30	30	090S	180E	4304732686	11861	Federal	OW	S

**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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>  <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-64917
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  <b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> BALCRON MON FED 22-20-9-18Y
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43047327110000
<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> 8 MILE FLAT NORTH	<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1980 FNL 1980 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 20 Township: 09.0S Range: 18.0E Meridian: S
<b>COUNTY:</b> UINTAH	<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>8/13/2013</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="OAP to Current Formation"/>

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

Newfield proposes to perforate and fracture stimulate from 3814'-3821' with in the current production formation (Green River).

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

**Date:** September 23, 2013

**By:** *Derek Quist*

<b>NAME (PLEASE PRINT)</b> Mandie Crozier	<b>PHONE NUMBER</b> 435 646-4825	<b>TITLE</b> Regulatory Tech
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/13/2013	