

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: Federal # U-65635
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name: n/a
B. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER: SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: n/a
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division		8. Farm or Lease Name: Balcron Federal
3. Address and Telephone Number: P.O. Box 21017; Billings, MT 59104 (406) 259-7860		9. Well Number: #31-19Y
4. Location of Well (Footages) At Surface: NW NE Section 19, T9S, R18E 660' FNL, 1880' FEL At Proposed Producing Zone:		10. Field and Pool, or Wildcat: Eight Mile Flat/Green River
14. Distance in miles and direction from nearest town or post office: Approximately 17 miles southwest of Myton, Utah		11. Ctr/Ctr, Section, Township, Range, Meridian: NW NE 19, T9S, R18E
15. Distance to nearest property or lease line (feet):	16. Number of acres in lease:	12. County: <u>Uintah</u> <u>Duchesne</u>
17. Number of acres assigned to this well:	13. State: UTAH	
18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet):	19. Proposed Depth: 5,450'	20. Rotary or cable tools: Rotary
21. Elevations (show whether DF, RT, GR, etc.): GL 5137.20'	22. Approximate date work will start: 3/1/95	

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See EXHIBIT "D" Drilling Program/Casing Design				

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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.

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

24. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist 12-7-94

space for State use only)

API Number Assigned: 43-047-32614 Approval: DATE: 1/12/95
BY: [Signature]
WELL SPACING: R649-3-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.

U-65635

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Balcron Federal

9. WELL NO.

#31-19Y

10. FIELD AND POOL, OR WILDCAT

Eight Mile Flat/Grn. River

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

Sec. 19, T9S, R18E

12. COUNTY OR PARISH | 13. STATE

Duchesne | 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

P.O. Box 21017; Billings, MT 59104

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

At surface

NW NE Section 19, T9S, R18E 660' FNL, 1880' FEL

At proposed prod. zone

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

Approximately 17 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

5,450'

20. ROTARY OR CABLE TOOLS

Rotary

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

GL 5137.20'

22. APPROX. DATE WORK WILL START*

3/1/95

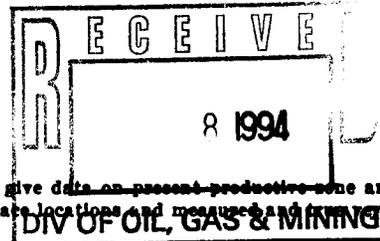
23.

PROPOSED CASING AND CEMENTING PROGRAM

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

This well will be drilled 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
Bobbie Schuman

TITLE

Regulatory and Environmental Specialist

DATE

12-7-94

(This space for Federal or State office use)

PERMIT NO.

43-047-32614

APPROVAL DATE

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

APPROVED BY

TITLE

DATE:

DATE

11/21/95

BY:

JAN Mathew

WELL SPACING

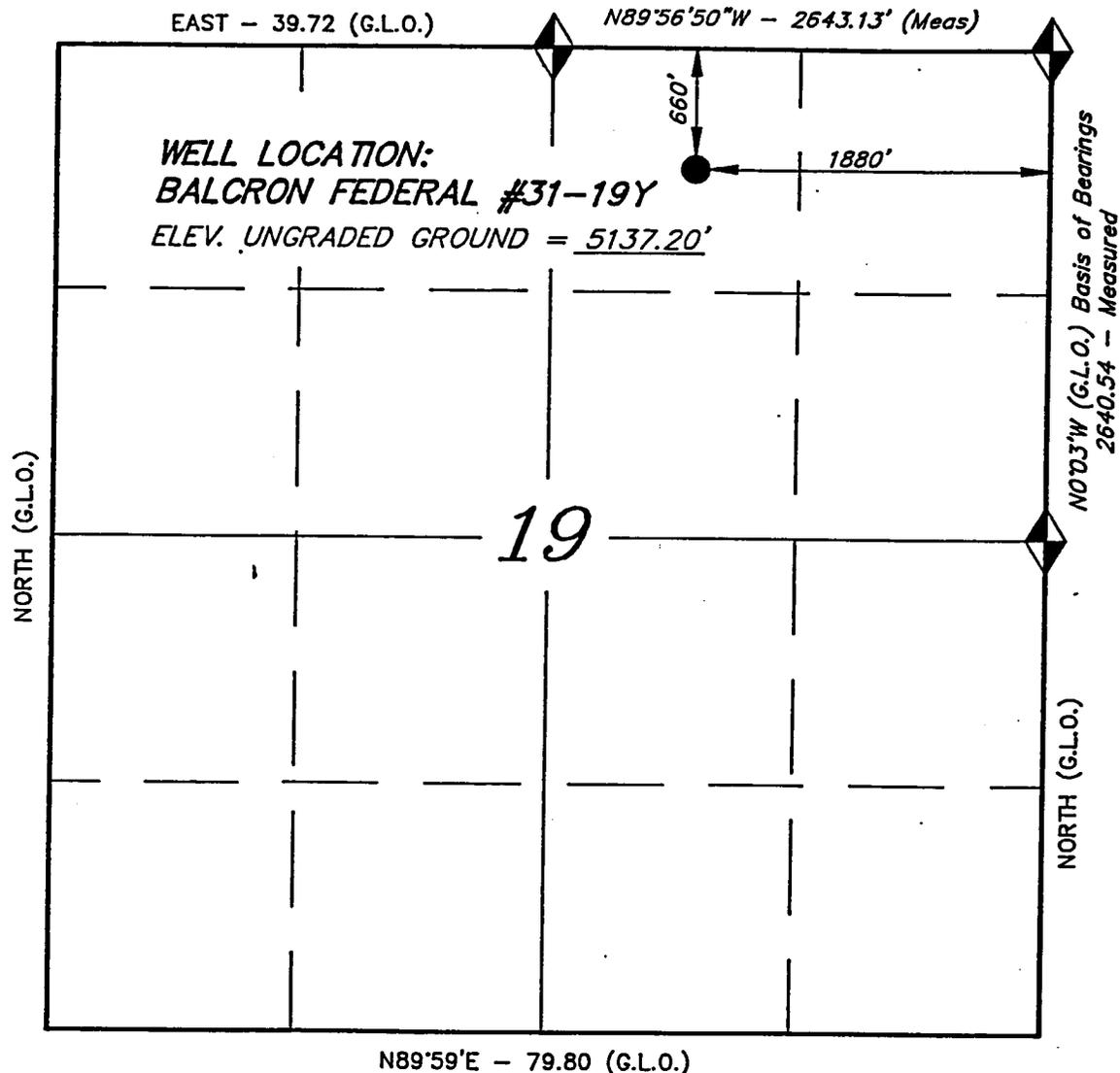
R649-3-2

*See Instructions On Reverse Side

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

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON FEDERAL #31-19Y,
 LOCATED AS SHOWN IN THE NW 1/4 NE 1/4
 OF SECTION 19, T9S, R18E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



NORTH (G.L.O.) Basis of Bearings
2640.54 - Measured

NORTH (G.L.O.)



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.

STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 944102
 STATE OF UTAH



= SECTION CORNERS LOCATED
 BASIS OF BEARINGS; G.L.O. DATED 1910
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

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

SCALE: 1" = 1000'	SURVEYED BY: S.S. G.S.
DATE: 10-29-94	WEATHER: COOL
NOTES:	FILE 31-19Y

EXHIBIT "K"



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

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

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

December 7, 1994

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

Enclosed are Applications for Permit to Drill the wells on the enclosed list.

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

If you need additional information or have any questions, please feel free to call me at (406) 259-7860.

Sincerely,

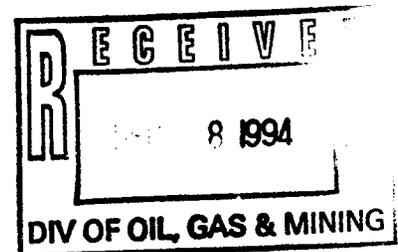
Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining



Balcron Federal #12-20Y

SW NW Section 20, T9S, R18E

Uintah County, Utah

1980' FNL, 660' FWL

Field: 8 Mile Flat

FLS #U-64917

PTD: 5,400' (Green River formation)

GL: 5130.36'

Balcron Federal #31-19Y

NW NE Section 19, T9S, R18E

Duchesne County, Utah

660' FNL, 1880' FEL

Field: 8 Mile Flat

FLS #U-65635

PTD: 5,450' (Green River formation)

GL: 5137.20'

Balcron Federal #32-19Y

SW NE Section 19, T9S, R18E

Uintah County, Utah

1980' FNL, 1980' FEL

Field: 8 Mile Flat

FLS #U-65635

PTD: 5,400' (Green River formation)

GL: 5152.38'

Balcron Federal #42-19Y

SE NE Section 19, T9S, R18E

Uintah County, Utah

2100' FNL, 500' FEL

Field: 8 Mile Flat

FLS #U-65635

PTD: 5,400' (Green River formation)

GL: 5134.26'

11/29/94

/rs

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**

11/2/94

CONFIDENTIAL

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

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

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Federal #31-19Y
NW NE Section 19, T9S, R18E
Duchesne County, Utah

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

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

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

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.

b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.

c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.

d. An upper kelly cock will be used during the drilling of this well.

e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.

f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.

b. All potentially productive hydrocarbon zones will be isolated.

c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.

- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following 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 Federal #31-19Y
NW NE Section 19, T9S, R18E
Duchesne 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 16.5 miles to a road intersection. Turn right and continue 0.9 miles to a road intersection. Turn right and continue 0.8 miles to existing Balcron Federal #41-19Y. Follow flags 0.25 mile west to proposed Federal #31-19Y.
- 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. Length: Approximately 0.25 miles of new access road will be required.
- b. Width: Maximum 30' overall right-of-way with an 18' running surface.
- c. Maximum grade: < 8%
- d. Turnouts: None
- e. Drainage design: Low water crossing if necessary.
- f. No culverts or bridges are necessary.
- g. Surface materials: Any surface materials which are required will be native materials from the location and/or access site.
- h. No gates, cattleguards, or fence cuts and/or modifications to existing facilities will be required.
- i. All travel will be confined to location and access routes.

- 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.

- k. 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 West 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 North side between corners 7 and 8.
- h. Access to the wellpad will be from the SE near corner #2.
- 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. If a plastic nylon reinforced liner is used, 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. At the onsite it was determined no silt catchment dam will need to be constructed at this location.

13. OPERATOR'S REPRESENTATIVES:

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

Dave McCoskery, 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.

December 7, 1994
Date

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

/rs

Balcron Oil Well Prognosis

EXHIBIT "C"

Well Name	BALCRON FEDERAL #31-19Y		Exploratory	Control Well	BF #41-19Y
Location	NWNE SEC 19-T9S-R18E	660' FNL, 1880' FEL	Development	Operator	EREC-BOD
County	UINTAH		Field	KB	5140
State	UTAH		Section	Section	NENE 19
Total Depth	5450		Township	Township	9S
GL (Ung)	5137.2	EST. KB 5146	Range	Range	18E

Formation Tops	Prognosis		Sample Top		Control Well	High/Low		
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Cntl	Deviation
UINTA	SURFACE							
GREEN RIVER	1190	3956			3950			
HORSEBENCH SS	1819	3327			3321			
2ND GARDEN GULCH	3566	1580			1574			
YELLOW MARKER	4165	981			975			
DOUGLAS CREEK	4326	820			814			
R-5 SAND (PAY)	4496	650			644			
2ND DOUGLAS CREEK	4560	586			580			
GREEN MARKER	4689	457			451			
G-3 SAND (PAY)	4763	383			377			
BLACK SHALE FACIES	4938	208			202			
CARBONATE MARKER	5117	29			23			
B-1 SAND (PAY)	5150	-4			-10			
TD	5450							

Samples
 50' FROM 1100' TO 3600'
 30' FROM 3600' TO TD
 5' THROUGH EXPECTED PAY
 5' THROUGH DRILLING BREAKS

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

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

Logs
 DLL FROM SURF CSG TO TD
 LDT/CNL FROM 3300' TO TD

Cores
 Core #1 NONE
 Core #2
 Core #3
 Core #4

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

Comments: _____

Report To: 1st Name: DAVE BICKERSTAFF Phone # (406) 259-7860 wk. 245-2261 hm.
 2nd Name: KEVEN REINSCHMIDT Phone # " wk. 248-7026 hm.
Prepared By: K.K. REINSCHMIDT 11/15/94 Phone # _____ wk. _____ hm.

DRILLING PROGRAM

WELL NAME: Balcron Federal 31-19Y PROSPECT/FIELD: 8 Mile
LOCATION: NW NE Sec.19 Twn.9S Rge.18E
COUNTY: Uintah STATE: Utah

TOTAL DEPTH: 5450

HOLE SIZE INTERVAL

=====

12 1/4"	0 to 260'
7 7/8"	260 to 5450'

CASING INTERVAL CASING

STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260	8 5/8"	24 #/Ft	J-55
Production Casing	0	5450	5 1/2"	15.50#/Ft	K-55

(All Casing will be new, ST&C)

CEMENT PROGRAM

=====

Surface 225 sacks Class "G" with 2% CaCl and 1/4 #/Sk Flocele.
 (Cement will be circulated to surface.)

Production 250 sacks Thifty Lite and 400 sacks 50-50 Poz mix.
 (Top of cement will be 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/Air Mist/KCl Water	260	T.D.	8.7-8.9	N.A.	N.A.

Drilling will be with air from surface to as deep as hole conditions allow. 2% KCl fluid will be used for the remainder of the hole.

COMMENTS

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

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Balcron Fed. #31-19Y
Project ID:	Location: Uintah/Utah

Design Parameters:

Mud weight (8.80 ppg) : 0.457 psi/ft
 Shut in surface pressure : 1946 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	5,450	5-1/2"	15.50	K-55	ST&C	5,450	4.825
	Collapse	Burst	Min Int	Yield	Tension		
	Load	Strgth	S.F.	Load	Strgth	S.F.	Load
	(psi)	(psi)		(psi)	(psi)		(kips)
	(psi)	(psi)		(psi)	(psi)		(kips)
1	2491	4040	1.622	2491	4810	1.93	84.48 222 2.63 J

Prepared by : McCoskery, Billings, MT
 Date : 12-06-1994
 Remarks :

Minimum segment length for the 5,450 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and
 2,491 psi, respectively.

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

EXHIBIT E

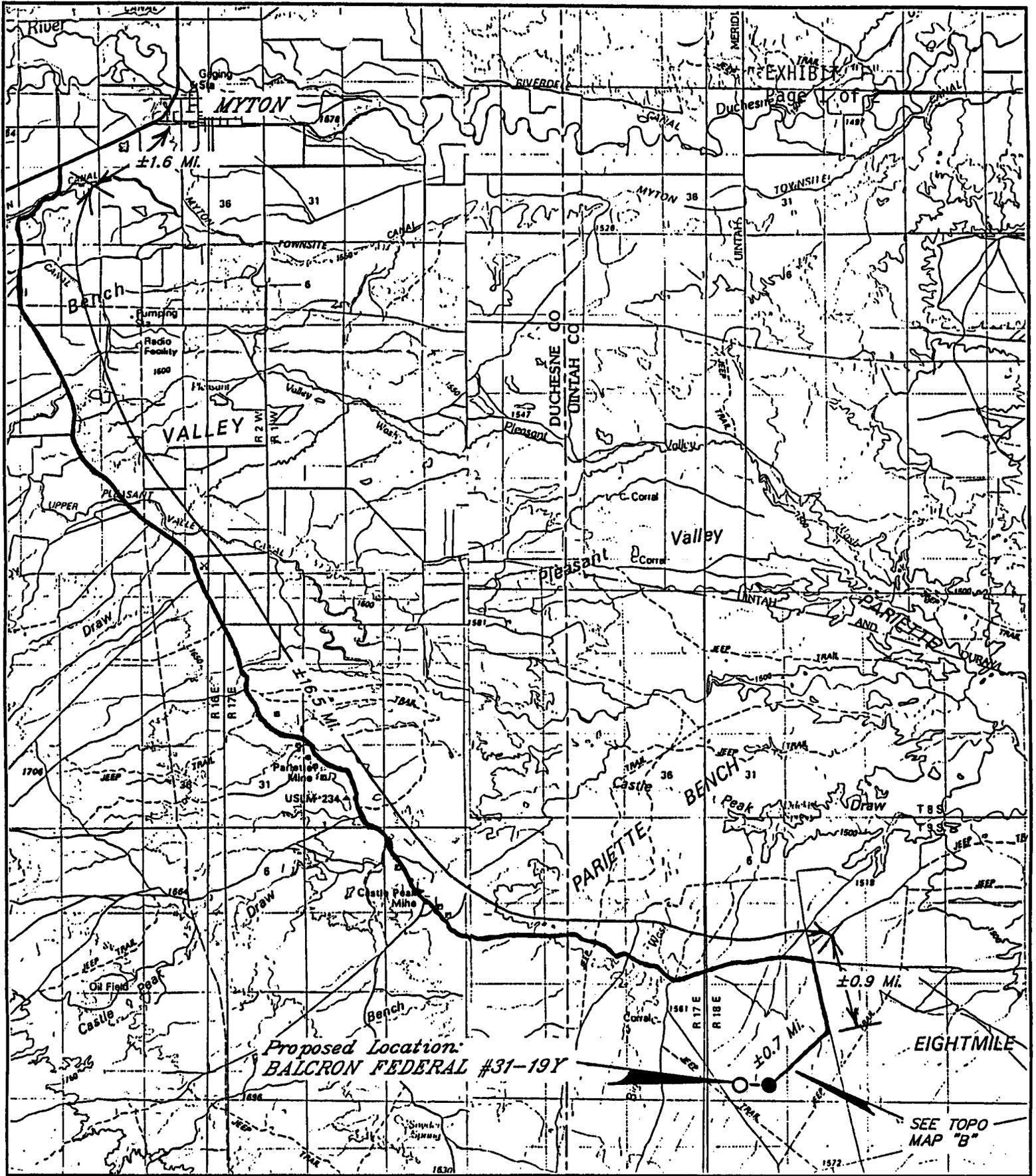
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

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

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

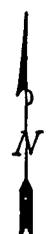
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

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

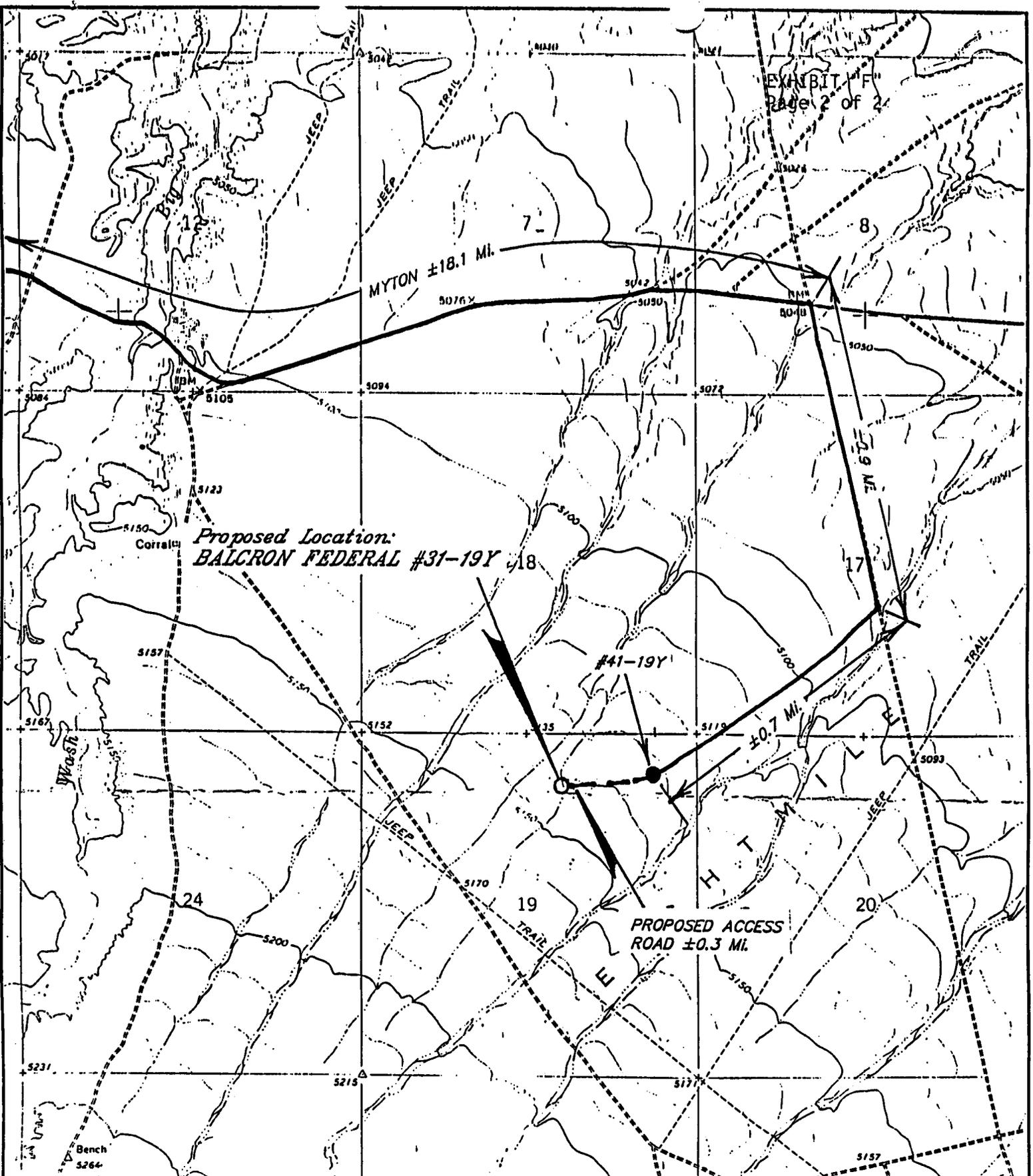


EQUITABLE RESOURCES CO.

BALCRON FEDERAL #31-19
 SECTION 19, T9S, R18E, S.L.B.&M.
 TOPO "A"



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



Proposed Location:
BALCRON FEDERAL #31-19Y 18

#41-19Y

PROPOSED ACCESS
ROAD ±0.3 MI.

MYTON ±18.1 Mi.

EQUITABLE RESOURCES CO.

BALCRON FEDERAL #31-19Y
SECTION 19, T9S, R18E, S.L.B.&M.
TOPO "B"



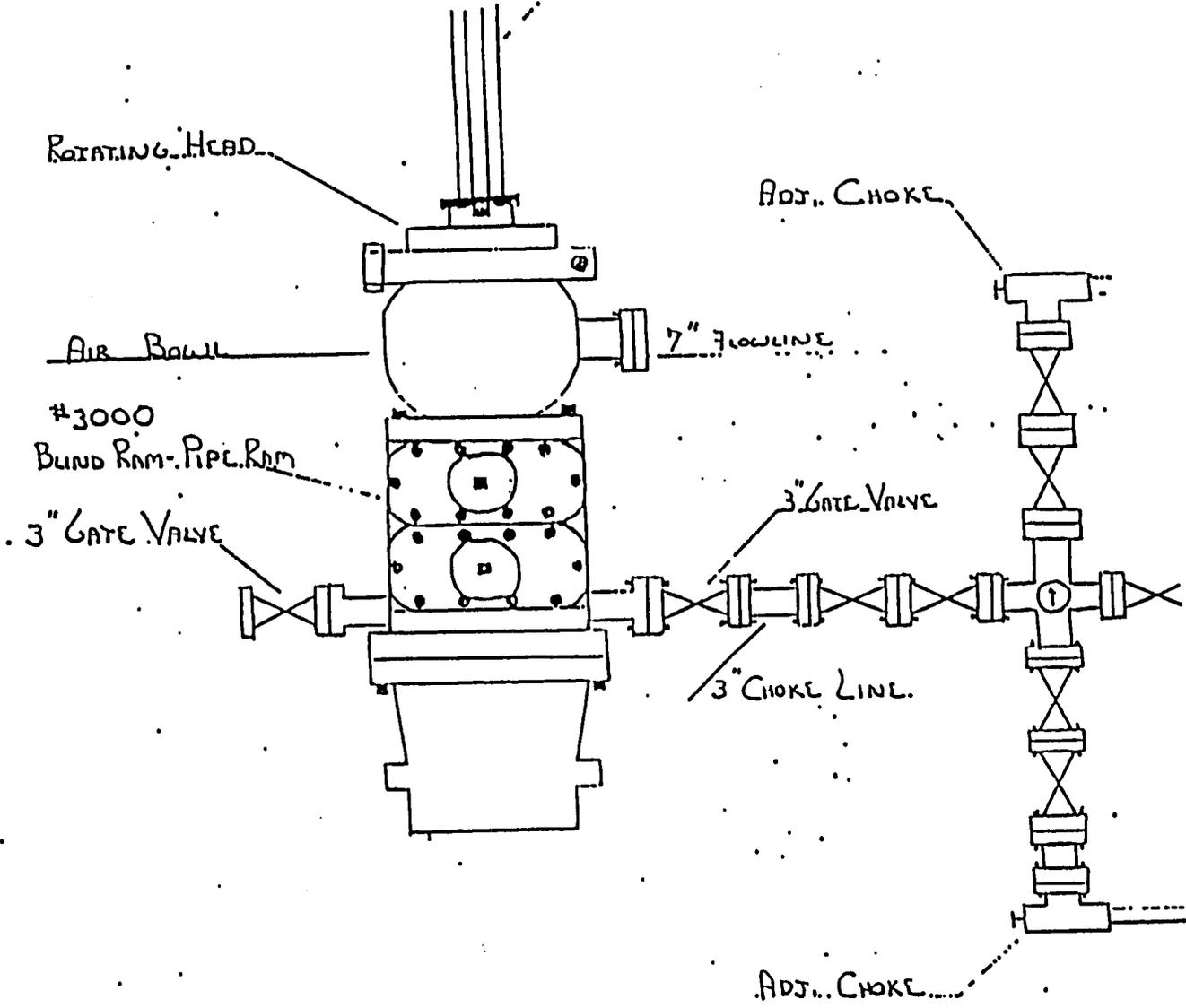
SCALE: 1" = 2000'

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

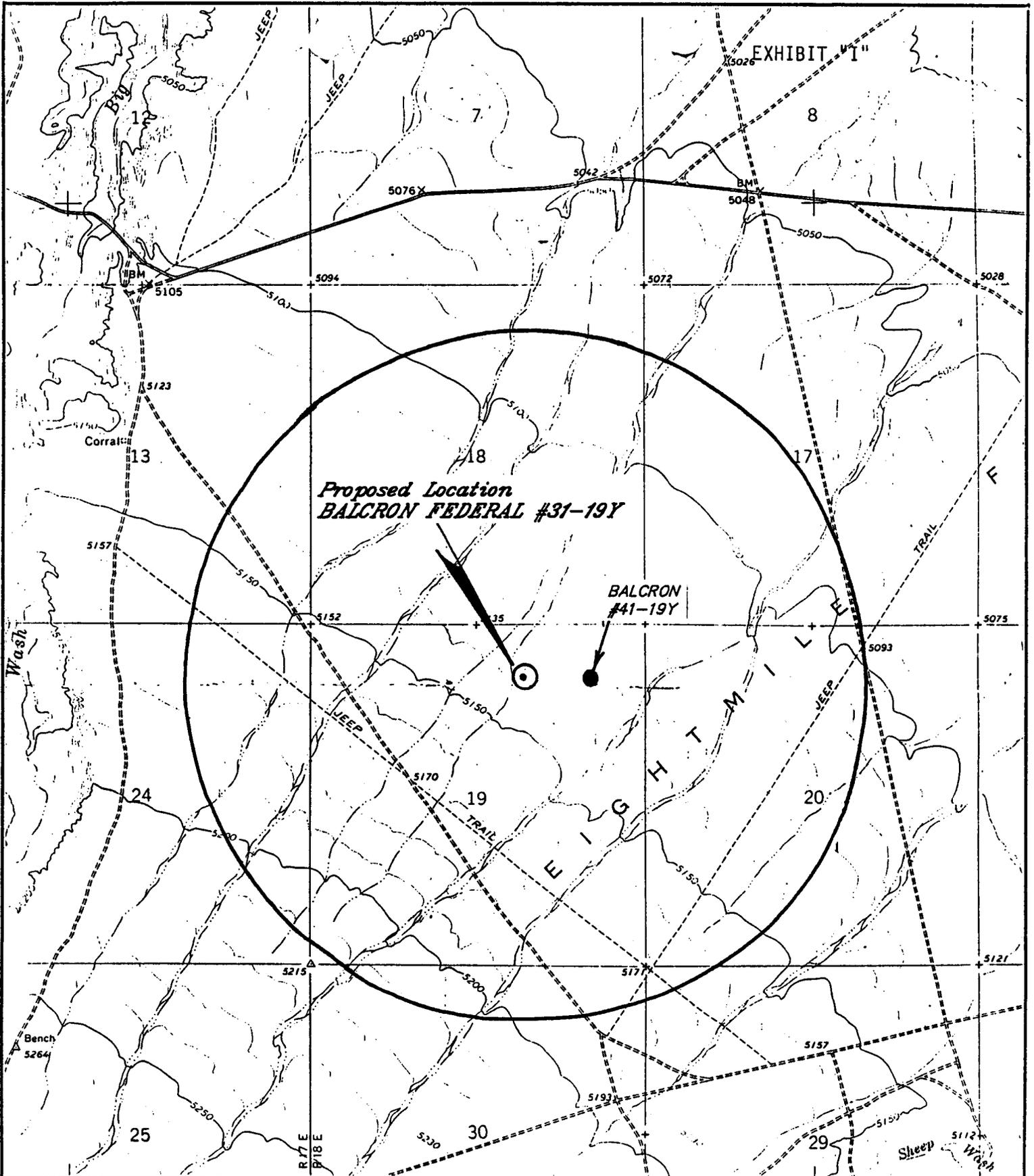
EXHIBIT "H"

UNION DRILLING RIG #17

Hex Kelly -



#3000 Stack



EQUITABLE RESOURCES ENERGY CO.

*BALCRON FEDERAL #31-19
SECTION 19, 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

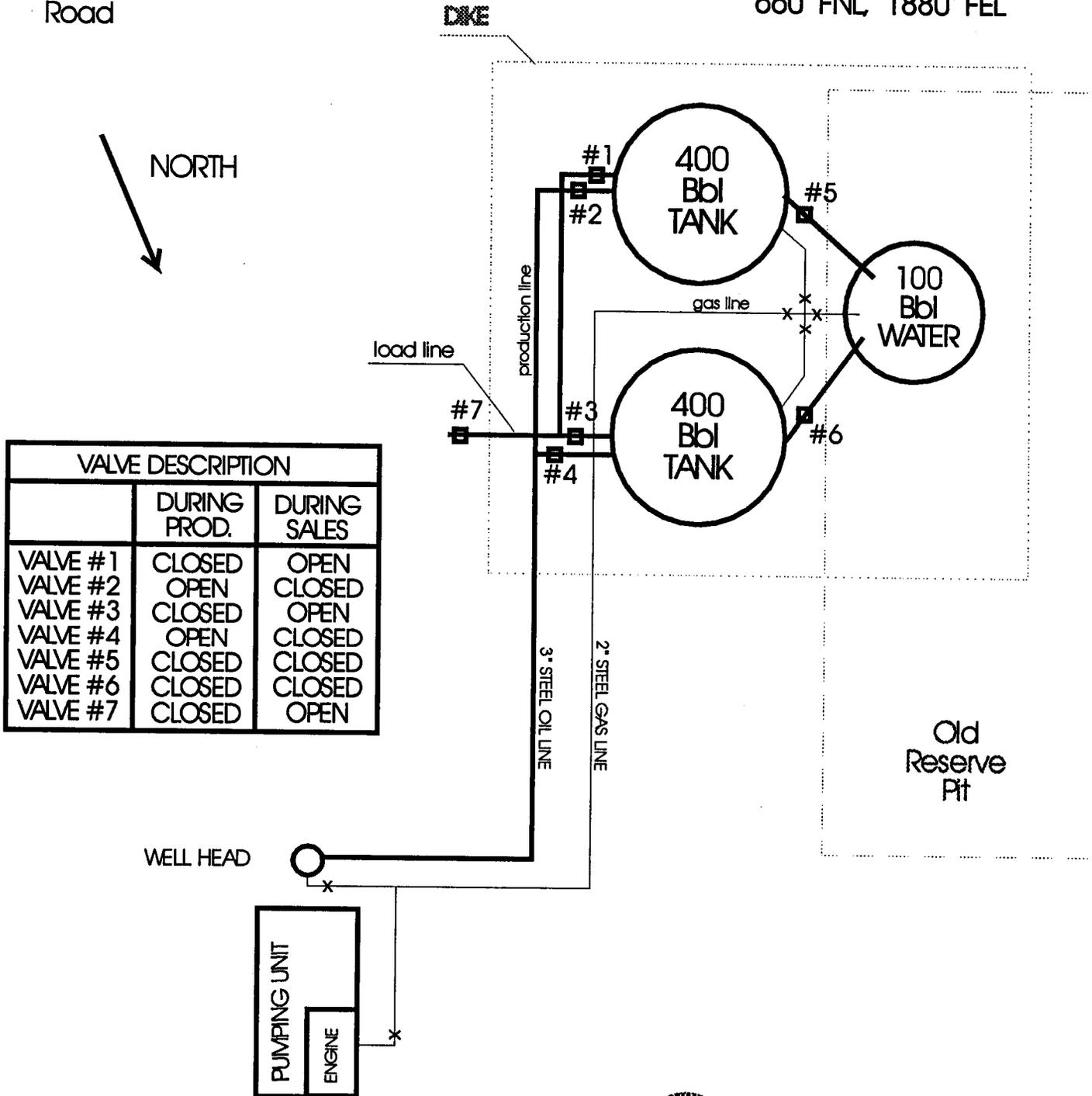
Equitable Resources Energy Company
 Balcron Federal 31-19Y
 Proposed Production Facility Diagram

EXHIBIT "J"

Balcron Federal 31-19Y
 NWNE Sec. 19, T9S, R18E
 Duchesne County, Utah
 Federal Lease #U-65635
 660' FNL, 1880' FEL

→
 Access
 Road

↙
 NORTH



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

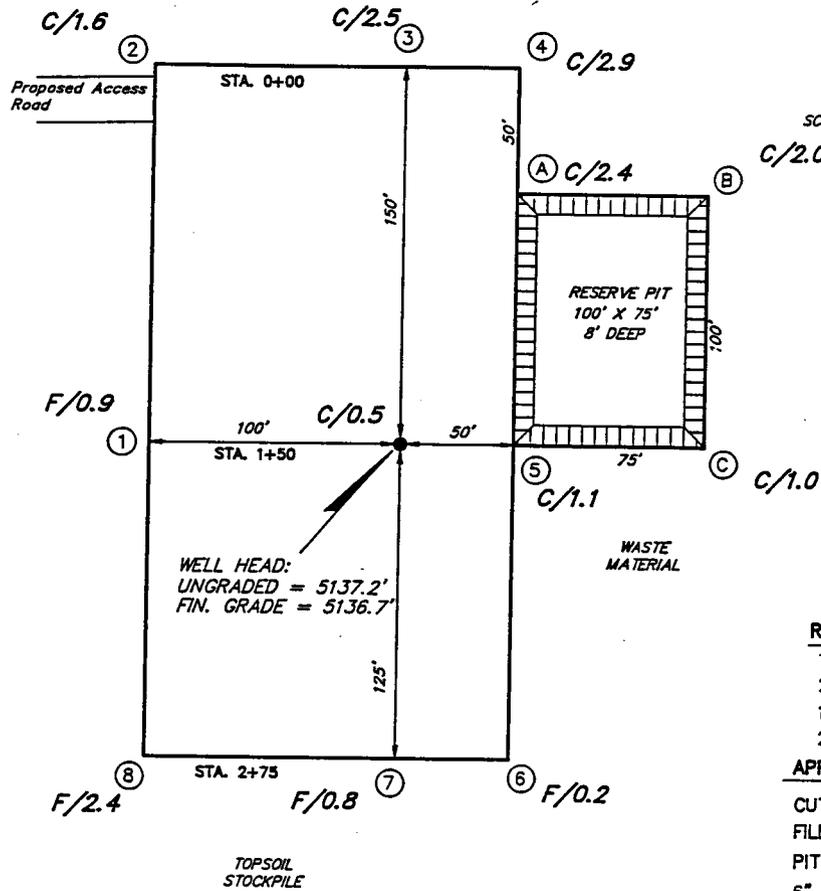


**EQUITABLE RESOURCES
 ENERGY COMPANY**

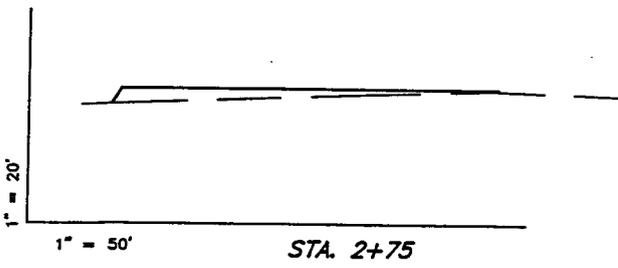
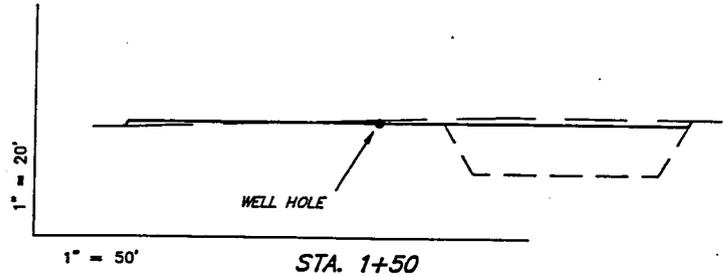
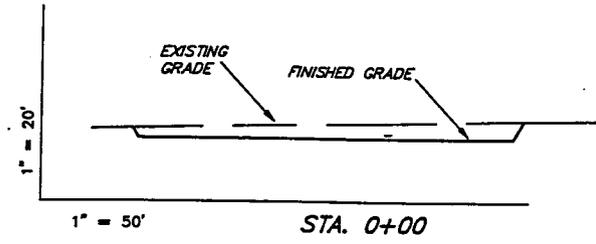
BALCRON OIL DIVISION
 1601 Lewis Avenue
 P.O. Box 21017
 Billings, MT 59104-1017
 (406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

**BALCRON FEDERAL #31-19Y
SECTION 19, T9S, R18E, S.L.B.&M.**



SCALE: 1" = 50'



REFERENCE POINTS

- 150' EAST 5135.69'
- 200' EAST 5136.83'
- 175' NORTH 5135.55'
- 225' NORTH 5134.97'

APPROXIMATE YARDAGES

- CUT = 1090 Cu. Yds.
- FILL = 960 Cu. Yds.
- PIT = 1,940 Cu. Yds.
- 6" TOPSOIL = 900 Cu. Yds.

SURVEYED BY: G.S. R.H.
DRAWN BY: R.E.H.
DATE: 10-29-94
SCALE: 1" = 50'
FILE: 31-19Y

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/08/94

API NO. ASSIGNED: 43-047-32614

WELL NAME: BALCRON FEDERAL 31-19Y
 OPERATOR: EQUITQBLE RESOURCES (N9890)

PROPOSED LOCATION:
 NWE 19 - T09S - R18E
 SURFACE: 0660-FNL-1880-FEL
 BOTTOM: 0660-FNL-1880-FEL
 UINTAH COUNTY
 EIGHTMILE FLAT NORTH FIELD (590)

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

LEASE TYPE: FED
 LEASE NUMBER: U-65635

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal[] State[] Fee[]
 (Number 0576)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
 (Number PRIVATE WELL)
- RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

- ___ R649-2-3. Unit: _____
- R649-3-2. General.
- ___ R649-3-3. Exception.
- ___ Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: _____

CONFIDENTIAL
 PERIOD
 EXPIRED
 ON 5-21-90

STIPULATIONS: _____

UTAH DIVISION OF OIL, GAS AND MINING EQUIPMENT INVENTORY

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

Well Name: Balcon Fed. 31-194 API Number: 43-047-32614

Section: 19 Township: 9S Range: 19E County: Uintah Field: 8 Mile Flat

Well Status: POW Well Type: Oil: Gas: ___

PRODUCTION LEASE EQUIPMENT: CENTRAL BATTERY: ___

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

PUMPS: ___ Chemical Centrifugal
 Triplex

LIFT METHOD:
 Pumpjack ___ Hydraulic ___ Submersible ___ Flowing

GAS EQUIPMENT:
 Gas Meters ___ Purchase Meter ___ Sales Meter

TANKS:	NUMBER	SIZE	
	<u>3</u>	<u>400</u>	BELS
			BELS
			BELS
			BELS
	<u>1</u>		

REMARKS: Oil tanks have burners.
Excess casinghead gas venting to reserve pit at
time of inspection.

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

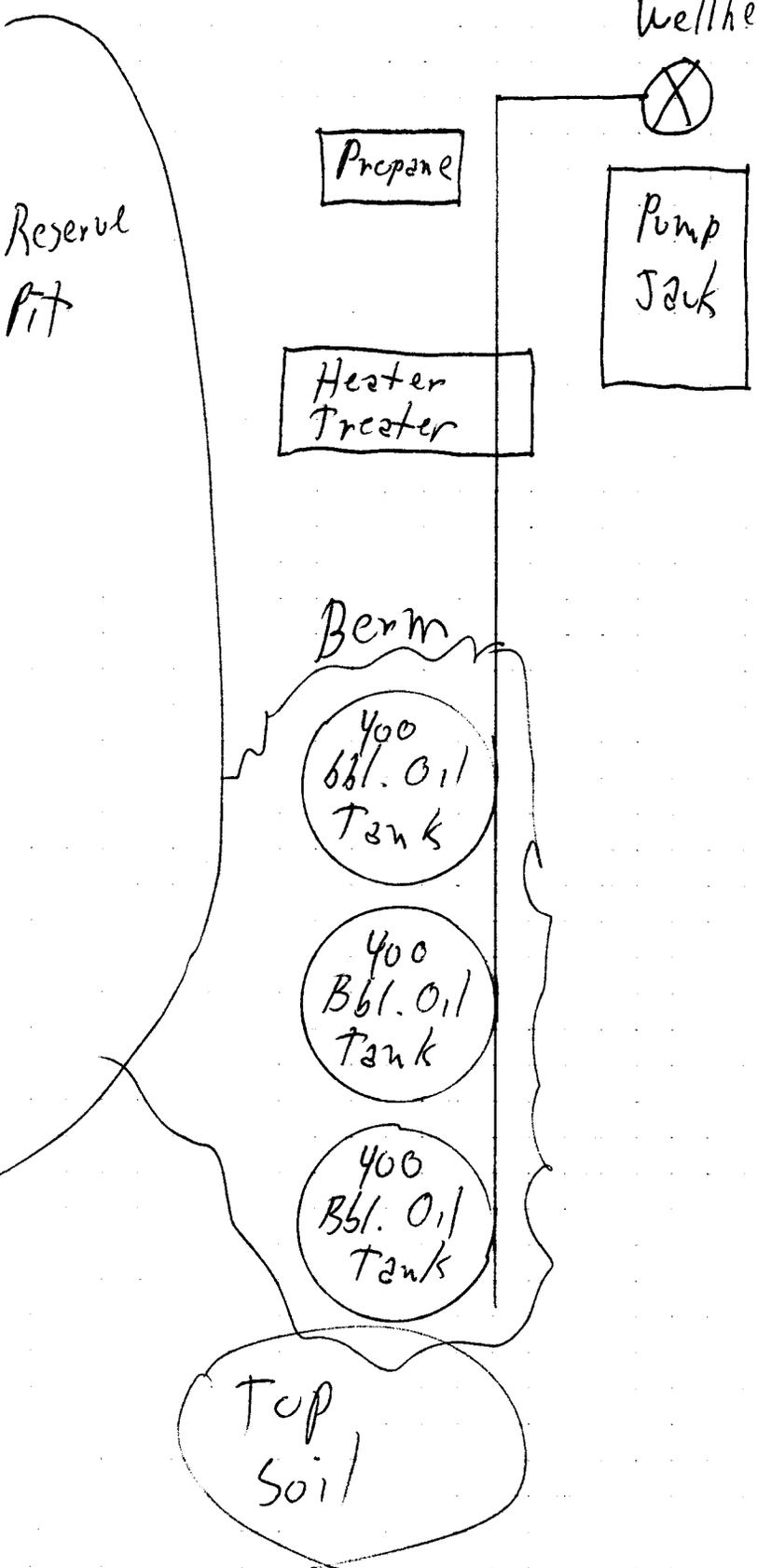
Inspector: David W. Haulford Date: 5/19/95

Equitable

- Balcon Fed. 31-194 -

43-047-32614

↑
North



Wellhead

Prepane

Pump
Jack

Heater
Treater

Berm

400
Bbl. Oil
Tank

400
Bbl. Oil
Tank

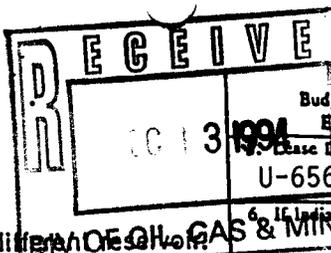
400
Bbl. Oil
Tank

Top
Soil

Reserve
Pit

Access

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993
Case Designation and Serial No.
U-65635

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

6. If Indian, Allottee or Tribe Name

n/a

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

n/a

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

Balcron Federal #31-19Y

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

9. API Well No.

43-047-32614

3. Address and Telephone No.

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

10. Field and Pool, or Exploratory Area

8 Mile Flat/Green River

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

NW NE Section 19, T9S, R18E
660' FNL, 1880' FEL

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

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

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

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

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

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

Attached is a corrected survey plat (EXHIBIT "K") which is to replace the one submitted in the Application for Permit to Drill. The county name was incorrect on the original plat.

The APD cover page incorrectly showed Duchesne County as well. This is being submitted to correct that page as well.

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

Signed

Bobbie Schuman

Title

Regulatory and
Environmental Specialist

Date 12-12-94

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

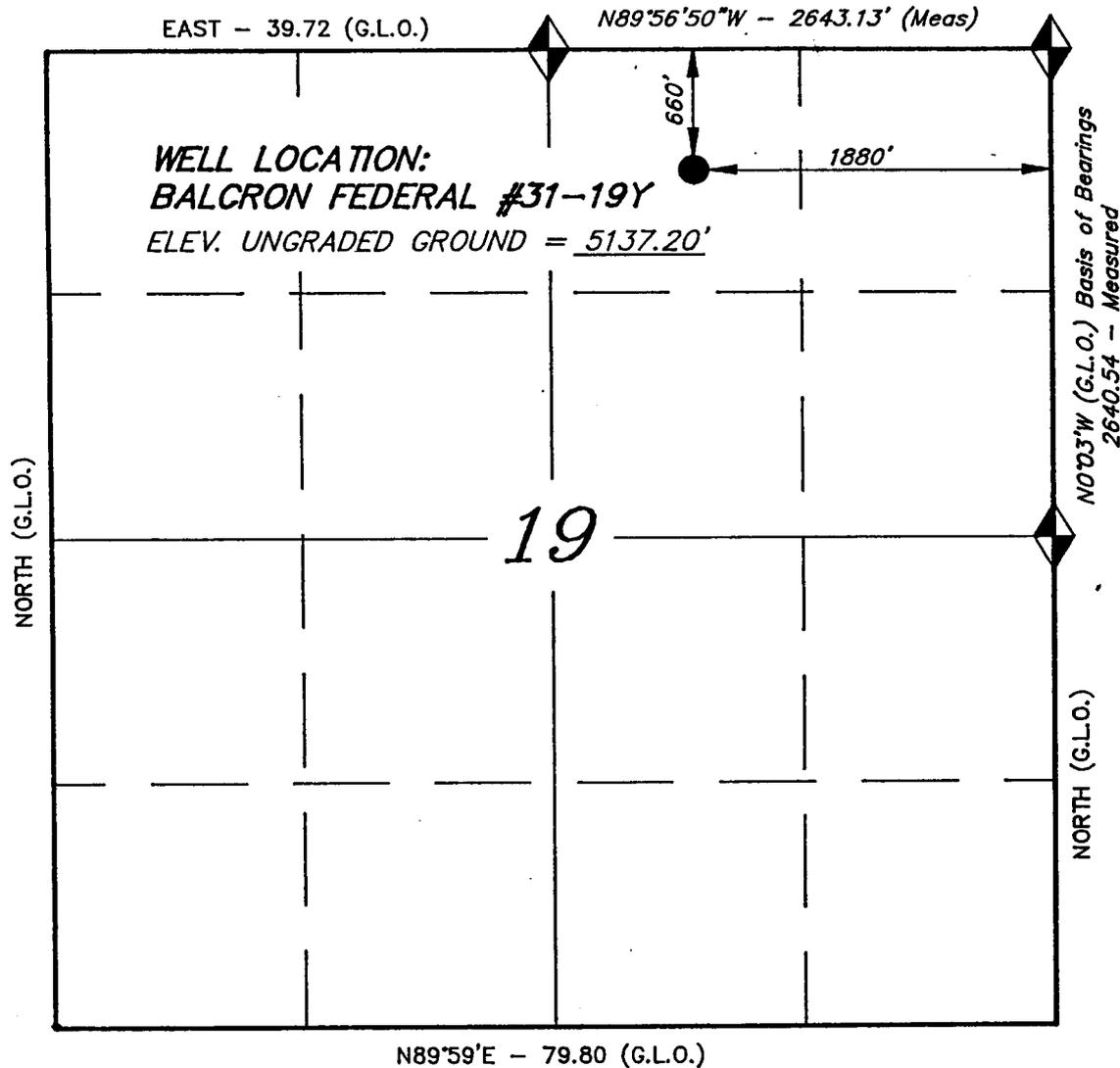
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

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

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON FEDERAL #31-19Y,
 LOCATED AS SHOWN IN THE NW 1/4 NE 1/4
 OF SECTION 19, T9S, R18E, S.L.B.&M.
 UINTAH COUNTY, UTAH.



NORTH (G.L.O.) Basis of Bearings
2640.54 - Measured



THIS IS TO CERTIFY THAT THE ABOVE PLAN 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. No. 189377

Stacy W. Stewart
STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

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

SCALE: 1" = 1000'	SURVEYED BY: S.S. G.S.
DATE: 10-29-94	WEATHER: COOL
NOTES:	FILE 31-19Y

◆ = SECTION CORNERS LOCATED
 BASIS OF BEARINGS; G.L.O. DATED 1910
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

EXHIBIT "K"

BALCRON OIL

Balcron Federal #31-19Y

43-047-32614

NW NE Section 19 , T9S, R18E, SLB&M

Uintah County, Utah

CONFIDENTIAL

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

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

December 28, 1994

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON FEDERAL #31-19Y, NW NE Section 19,
T9S, R18E, SLB&M, UINTAH COUNTY, UTAH.

Description of Geology and Topography-

This well location is 12 miles south and 7 miles east of Myton, Utah. The road is .3 mile long and it and the wellpad are on flat bench sediments. These sediments are composed of sand and small rock fragments. No rock outcrops were noted during the survey.

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

Paleontological material found -

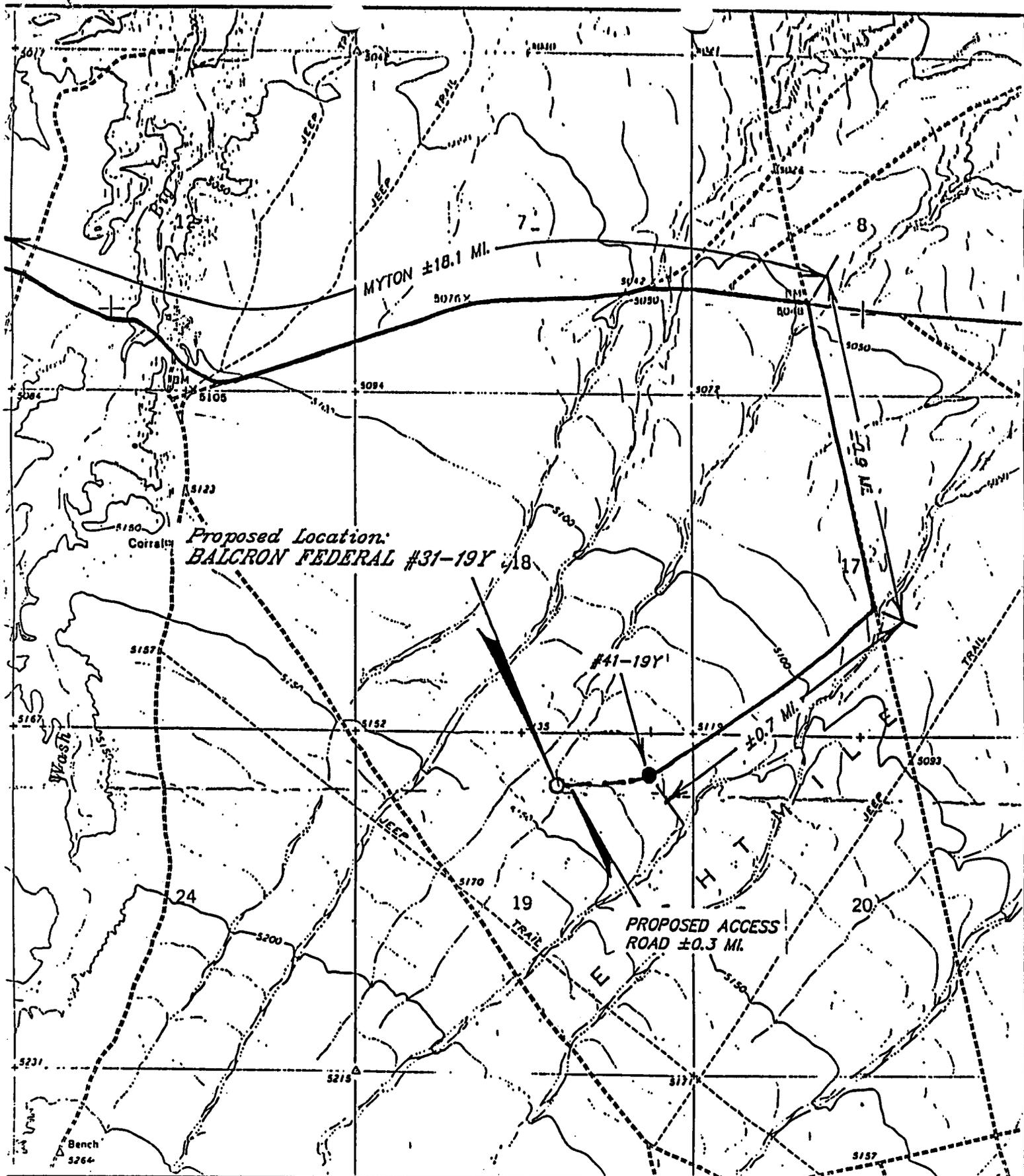
No fossils were found during the survey.

Recommendations-

No recommendations are made for this access road or wellpad.

Thomas A. Hamblin
Paleontologist

Date December 29, 1994



EQUITABLE RESOURCES CO.

**BALCRON FEDERAL #31-19Y
SECTION 19, T9S, R18E, S.L.B.&M.
TOPO "B"**



SCALE: 1" = 2000'

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

ABSTRACT

An intensive cultural resource evaluation has been conducted for Balcron Oil Company of nine proposed well locations and access routes (Balcron Federal wells #12-20Y, 31-19Y, 32-19Y, 42-19Y; Balcron Monument State wells #13-2, #12-2, #22-2, #34-2 and #23-2). These evaluated locations are situated on Utah State and federally administered lands located in the Pariette Bench locality of Duchesne and Uintah Counties, Utah. This evaluation involved a total of 99.23 acres, of which 75 acres are associated with the well pads and an additional 24.23 acres are associated with seven access road rights-of-way. These evaluations were conducted by F.R. Hauck and Glade Hadden of AERC on December 6 and 12, 1994.

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

No newly identified cultural resource activity loci of either historic or prehistoric origin were discovered and recorded during the examinations.

Several isolated, non-diagnostic artifacts were noted during the investigations.

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

**CULTURAL RESOURCE EVALUATION
OF 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-94-54937
AERC Project 1460 (BLCR-94-10)

Utah State Project No.: UT-94-AF-746 b,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

December 30, 1994

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GENERAL INFORMATION

On December 6 and 12, 1994, AERC archaeologists F.R. Hauck and Glade Hadden conducted an intensive cultural resource evaluation for Balcron Oil Company of Billings Montana. This examination involved nine proposed well locations (Balcron Federal Units 12-20Y, 31-19Y, 32-19Y and 42-19Y; Balcron Monument State Units 13-2, 12-2, 22-2, 34-2 and 23-2) and associated access roads. The project area is in the, Castle Peak Draw and Eight Mile Flat locality south east of Myton, Utah (see Map 1). A total of 99.23 acres was examined which include 55.75 acres associated with the Federal well pads and 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 43.48 acres are associated with the State well pads and access routes 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 Castle Peak Draw locality 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 7.5 minute topographic quad (see Maps).

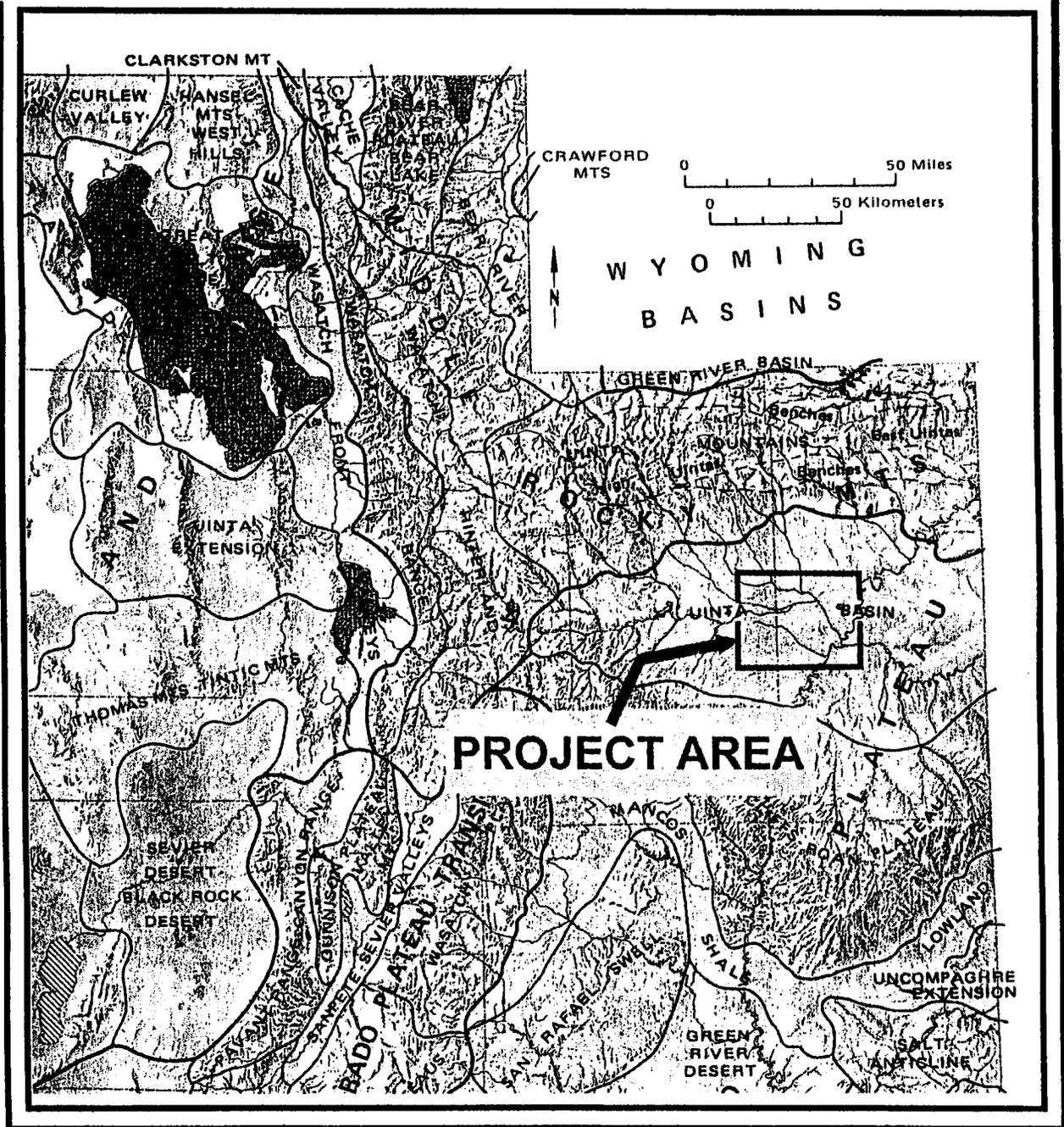
Balcron Federal #12-20Y is situated in the SW quarter of the NW quarter of Section 20, Township 9 South, Range 18 East SLBM, together with ca. 0.4 miles of access route (see Map 2).

Balcron Federal #31-19Y is situated in the NW quarter of the NE quarter of Section 19, Township 9 South, Range 18 East SLBM, together with ca. 0.3 miles of access route (see Map 2).

Balcron Federal #32-19Y is situated in the SW quarter of the NE quarter of Section 19, Township 9 South, Range 18 East SLBM, together with ca. 0.3 miles of access route (see Map 2).

**MAP 1: GENERAL BALCRON PROJECT
LOCALITY IN DUCHESNE AND UINTAH
COUNTIES OF NORTHWESTERN UTAH**

PROJECT: BLCR-94-10
SCALE: see below
QUAD: UG & MS Map 43
DATE: 12-30-94



UTAH

T. multiple

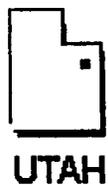
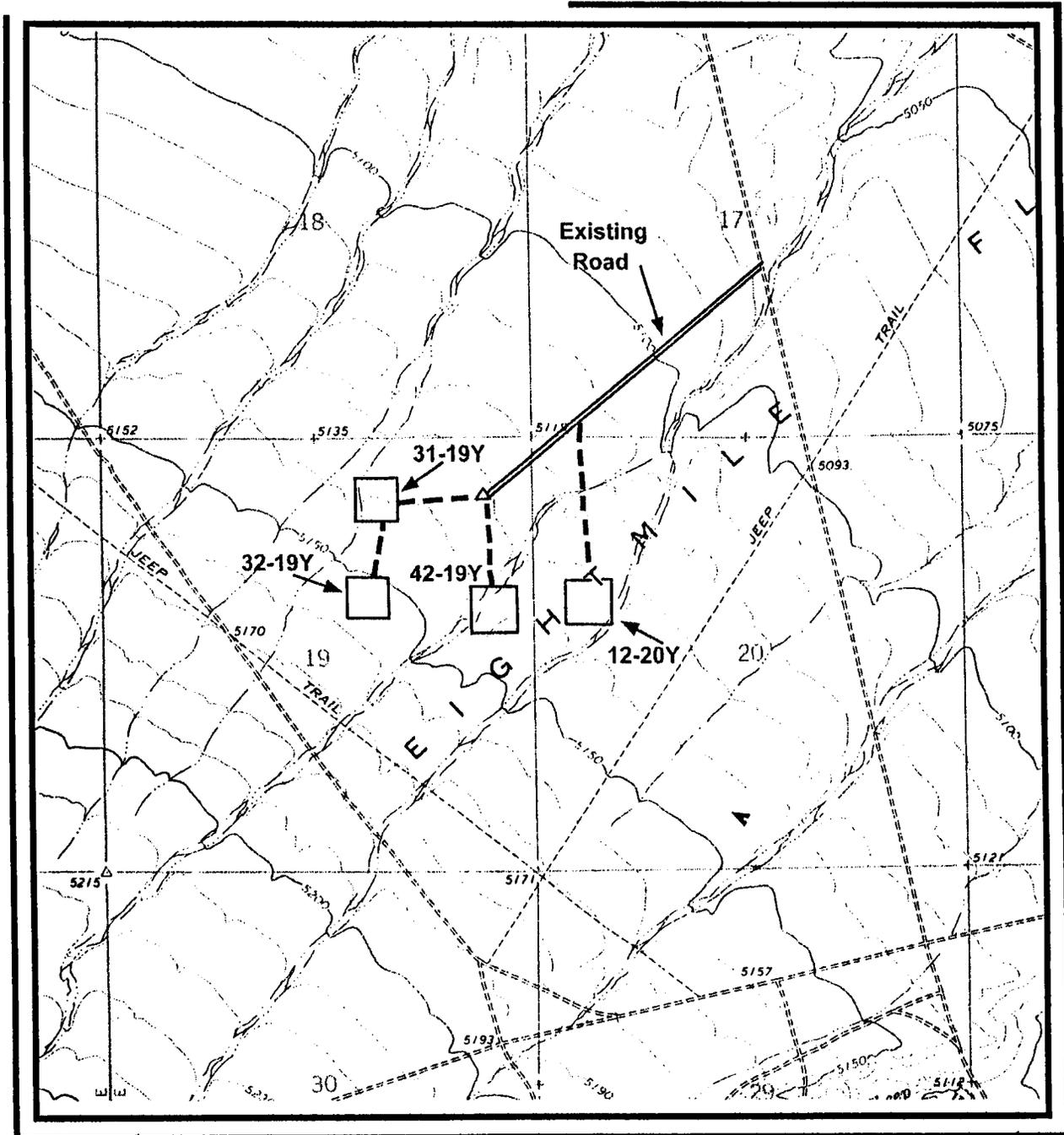
R. multiple

Meridian: Salt Lake B & M

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

**MAP 2: CULTURAL RESOURCE SURVEY
OF BALCRON UNITS 12-20Y, 31-19Y,
32-19Y, & 42-19Y IN THE EIGHT MILE
FLAT LOCALITY OF UINTAH COUNTY,
UTAH**

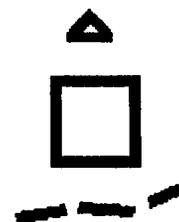
PROJECT: BLCR-94-10
SCALE: 1:24,000
QUAD: Parlette Draw SW, Utah
DATE: 12-30-94



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

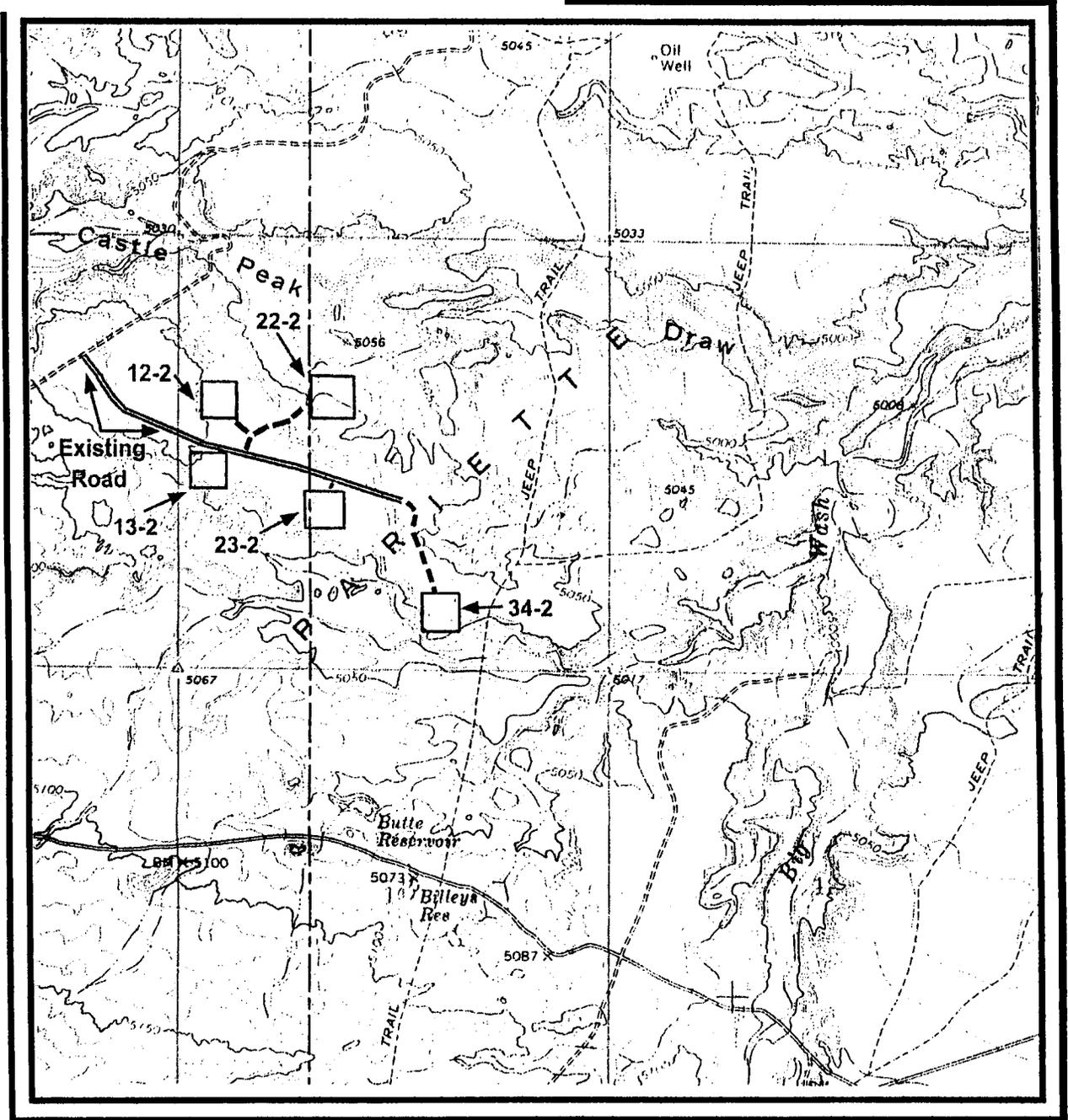
LEGEND:

Well Location
Ten Acre Survey Plot
Access Route

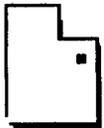


**MAP 3: CULTURAL RESOURCE SURVEY
OF BALCRON UNITS 12-2, 13-2, 22-2,
23-2, & 34-2 IN THE CASTLE PEAK
DRAW LOCALITY OF DUCHESNE AND
UINTAH COUNTIES, UTAH**

PROJECT: BLCR-94-10
SCALE: 1:24,000
QUAD: Pariette Draw SW, Utah
DATE: 12-30-94



LEGEND:



UTAH

T. 9 South

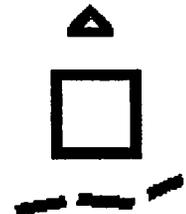
R. 17 East

Meridian: Salt Lake B & M

Well Location

Survey Plot

Access Route



Balcron Federal #42-19Y is situated in the SE quarter of the NE quarter of Section 19, Township 9 South, Range 18 East SLBM, together with ca. 0.3 miles of access route (see Map 2).

Balcron Monument State Unit # 13-2 is situated in the NW quarter of the SW quarter of Section 2, Township 9 South, Range 17 East SLBM (see Map 3).

Balcron Monument State Unit # 12-2 is situated in the SW quarter of the NW quarter of Section 2, Township 9 South, Range 17 East SLBM, together with .1 miles of access route (see Map 3).

Balcron Monument State Unit # 22-2 is situated in the SE quarter of the NW quarter of Section 2, Township 9 South, Range 17 East SLBM, together with .3 miles of access route (see Map 3).

Balcron Monument State Unit # 34-2 is situated in the SW quarter of the SE quarter of Section 2, Township 9 South, Range 17 East SLBM, together with .3 miles of access route (see Map 3).

Balcron Monument State Unit # 23-2 is situated in the NE quarter of the SW quarter of Section 2, 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 December 19, 1994. A similar search was conducted in the Vernal District Office of the BLM on December 12, 1994. 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).

Prehistory and History of the Cultural Region

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

Site Potential in the Project Development Zone

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

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

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologists walking a series of 10 to 20 meter-wide transects across a 10 acre area associated with each ten acre well pad area on Federal lands, and with a seven acre well pad buffer zone on State lands. Access routes are evaluated by the archaeologists 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. 24.23 acres) was examined for the various proposed access roads, in addition to the 75 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

No prehistoric or historic cultural resource activity loci were observed and recorded during the archaeological evaluations.

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

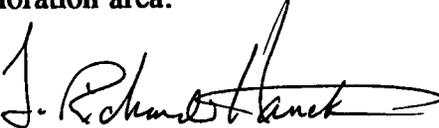
No diagnostic isolated artifacts were observed and recorded during the evaluation. Two non-diagnostic tools were noted in the area of Monument State well 23-2 and one on the access route into Monument State well 34-2. These tools were all simple choppers constructed by bifacially removing several flakes from one end of a hand-sized cobble. In all three cases, the tools were found near the break of hills at the emergence of drainages. The occurrence of these tools fits a previously noted pattern, and may be related to the ambush hunting and subsequent butchering of large game animals, possibly during the Archaic period. A detailed evaluation of the locality failed to yield any identifiable features or cultural contexts that would demonstrate the presence of an archaeological locus.

CONCLUSION AND RECOMMENDATIONS

No known significant cultural resources will be adversely impacted during the development and operation of the 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. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.


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

REFERENCES

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.
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Hauck, F. Richard and Glade V Hadden

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- 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.
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- 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.

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

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- 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.



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)

January 12, 1995

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

Re: Balcron Federal #31-19Y Well, 660' FNL, 1880' FEL, NW NE, Sec. 19, T. 9 S., R. 18 E., Uintah County, Utah

Gentlemen:

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

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

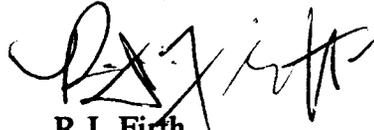
1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling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



Page 2
Equitable Resources Energy Company
Balcron Federal #31-19Y Well
January 12, 1995

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32614.

Sincerely,

A handwritten signature in black ink, appearing to read 'R.J. Firth', written in a cursive style.

R.J. Firth
Associate Director

ldc
Enclosures
cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office
WOI1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL
1995

LEASE DESIGNATION AND SERIAL NO.
U-65635

SECTIONAL LOT OR TRIBE NAME
n/a

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Balcron Federal

9. WELL NO.
#31-19Y

10. FIELD AND POOL, OR WILDCAT
Eight Mile Flat/Grn.River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 19, T9S, R18E

12. COUNTY OR PARISH 13. STATE
Duchesne UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK GAS & MINING

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
P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
NW NE Section 19, T9S, R18E 660' FNL, 1880' FEL

At proposed prod. zone
43-047-32614

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 17 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
5,450'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 5137.20'

22. APPROX. DATE WORK WILL START*
3/1/95

23. PROPOSED CASING AND CEMENTING PROGRAM

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

This well will be drilled 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.

DEC 06 1994

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 12-7-94
Bobbie Schuman
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE JAN 13 1995
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

U-080-5M-054

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Balcron Federal 31-19Y

API Number: 43-047-32614

Lease Number: U-65635

Location: NWNE Sec. 19 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 902 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 702 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.

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

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

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

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

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

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

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

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

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

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)
Balcron Well #31-19Y

Methods for Handling Waste Disposal

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

Plans For Reclamation Of Location

In addition to recontouring the reserve pit and that portion of the location not needed for production facilities and operation. These areas will also be reseeded and returned to a vegetated condition as determined by the authorized officer of the BLM.

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. Stockpiled topsoil will be spread over the surface, and the area revegetated to the satisfaction of the authorized officer of the BLM.

Additional Surface Conditions of Approval

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

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

If the proposed oil well is scheduled for development between March 15 and August 15, additional surveys for special status animal species will be required a minimum of 14 days prior to surface disturbance. Contact the Authorized Officer of the BLM for specific procedures.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: BALCRON FEDERAL # 31-19Y

Api No. 43-047-32614

Section 19 Township 9S Range 18E County UINTAH

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 3/25/95

Time _____

How ROTARY

Drilling will commence _____

Reported by ODELL WILLIAMS

Telephone # _____

Date: 3/27/95 Signed: JLT

3-30-95

Form 3160-5 UNITED STATES
(June 1990) DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAR 29 1995
DEPT. OF OIL, GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993
5. Lease Designation and Serial No.
U-65635
6. If Indian, Allottee or Tribe Name
n/a
7. If Unit or CA, Agreement Designation
n/a
8. Well Name and No.
Balcon Federal #31-19Y
9. API Well No.
43-047-32614
10. Field and Pool, or Exploratory Area
Eight Mile Flat/Green River
11. County or Parish, State
Utah 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

CONFIDENTIAL

1. Type of Well
 Oil Well Gas Well Other
2. Name of Operator
EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION
3. Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SURFACE: NW NE Section 19, T9S, R18E
TD: 660' FNL & 1880' FEL

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

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

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

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

This well was spud on 3-25-9⁵ @ 12:00 noon.

Original: BLM Vernal Utah
Copy: State of Utah, Oil, Gas, & Mining

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 3-27-95
(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

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

OPERATOR ACCT. NO. H 9890

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	11751	43-047-32614	Balcron Federal #31-19Y	NW NE	19	9S	18E	Uintah	3-25-95	3-25-95
WELL 1 COMMENTS: Entity added 3-30-95. fee Spud of a new well.											
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)
 - D - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - O - 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.

MAR 29 1995

Lobbie Schuman
 Signature
Regulatory & Environmental Specialist
 Title

DATE: 3-27-95

Phone No. (406) 259-7860



EQUITABLE RESOURCES
ENERGY COMPANY

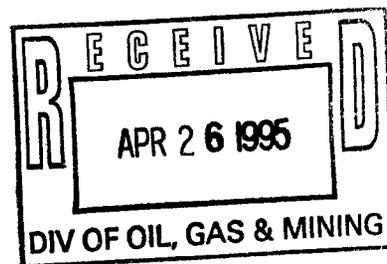
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

April 24, 1995

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



Gentlemen:

RE: Balcron Federal #31-19Y
NW NE Section 19, T9S, R18E
Uintah County, Utah

43-047-32614

This letter will serve as notice that first production on the subject well was on 4-21-95 at 10:30 a.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
Dawn Schindler
Bobbie Schuman

FORM APPROVED

RECEIVED

MAY 26 1995

U65685

DIV. OF OIL, GAS & MINING

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

<p>1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other</p> <p>2. Name of Operator EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION</p> <p>3. Address and Telephone No. P.O. Box 21017; Billings, MT 59104 (406) 259-7860</p> <p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SURFACE: NW NE Section 19, T9S, R18E TD: 660' FNL & 1880' FEL</p>	<p>5. Unit or CA Agreement Designation n/a</p> <p>6. Well Name and No. Balcron Federal #31-19Y</p> <p>7. API Well No. 43-047-32614</p> <p>8. Field and Pool, or Exploratory Area 8 Mile Flat North/Green River</p> <p>9. County or Parish, State Uintah County, Utah</p>
---	---

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 Onshore Order #7
	<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 Conrad Title Operations Secretary Date 5-22-95

(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**

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



REPORT OF WATER ENCOUNTERED DURING DRILLING OPERATIONS

1. Well name and number: Balcron Federal #31-19Y

API number: 43-047-32614

2. Well Location: QQ NW NE Section 19 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: Union 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		
		No measurable water encountered	
		during drilling operations.	

6. Formation tops: See Geological Report submitted separately.

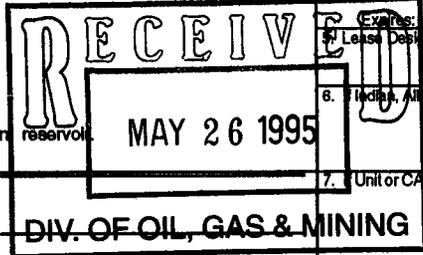
If an analysis has been made of the water encountered, please attach a copy of the report to this form.

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

Date: 5-22-95

Name & Signature: Molly Conrad, Molly Conrad

Title: Operations Secretary



SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY, BALCRON OIL DIVISION

3. Address and Telephone No.

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

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

SURFACE: NW NE Section 19, T9S, R18E
 TD: 660' FNL & 1880' FEL

U-65635

8. Indian, Allottee or Tribe Name

n/a

7. Unit or CA Agreement Designation

n/a

8. Well Name and No.

Balcron Federal #31-19Y

9. API Well No.

43-047-32614

10. Field and Pool, or Exploratory Area

Eight Mile Flat/Green River

11. County or Parish, State

Utah County, Utah

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

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

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

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

Attached is the Site Security Diagram for this well.

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

Signed Molly Conrad

Title Operations Secretary

Date 5-22-95

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any: _____

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

*See Instruction on Reverse Side

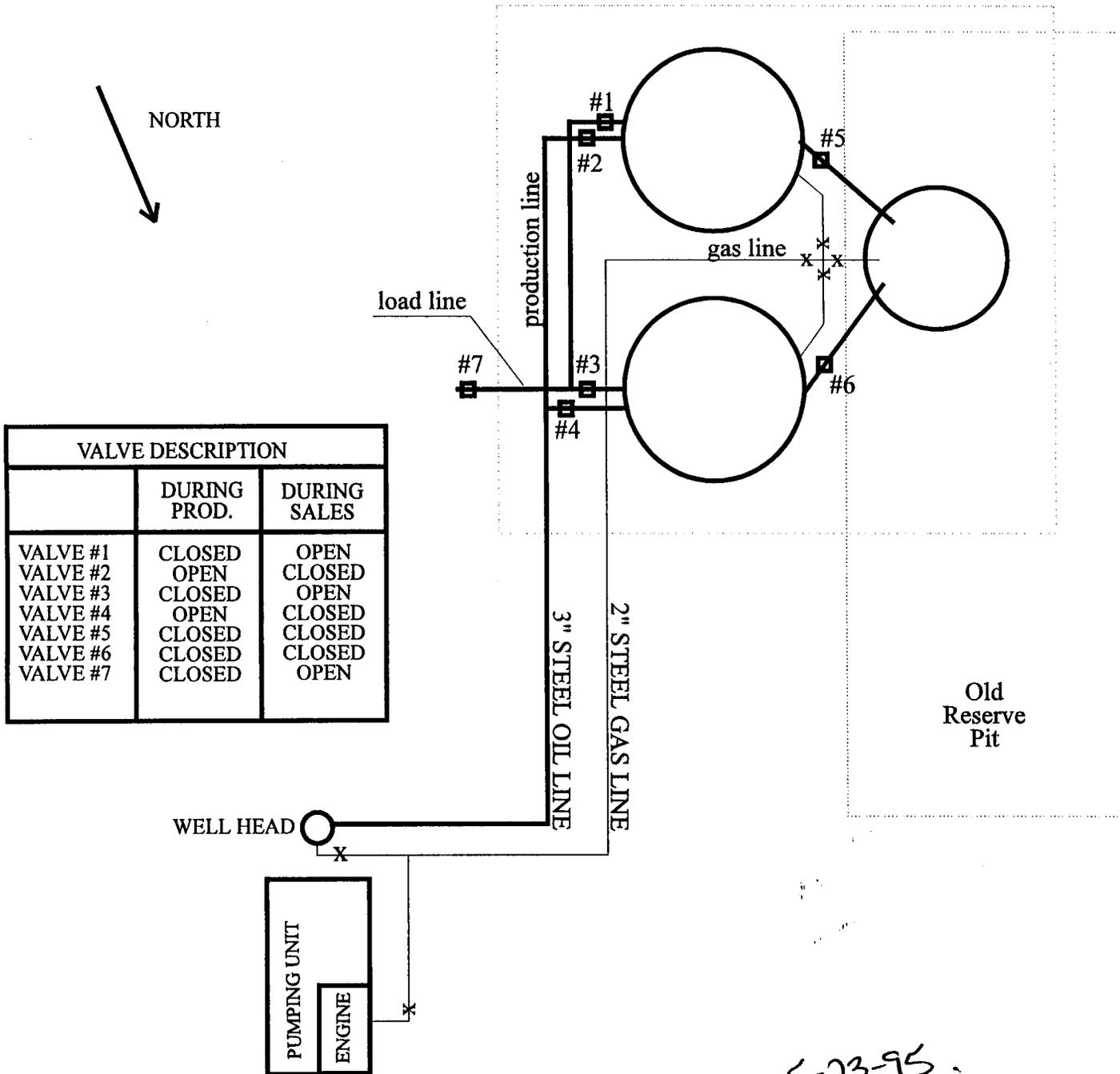
Equitable Resources Energy Company Balcron Federal 31-19Y Production Facility Diagram

Balcron Federal 31-19Y
NW NE Sec. 19, T9S, R18E
Duchesne County, Utah
Federal Lease #U-65635
660' FNL, 1880' FEL

ACCESS ROAD →

DIKE

NORTH
↙



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



5-23-95
**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

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

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ BALCRON FEDERAL 31-5Y 4304732503 11680 09S 18E 5	GRRV					
✓ BALCRON MONUMENT FEDERAL 21-25 4304732528 11683 08S 17E 25	GRRV					
✓ MONUMENT FEDERAL 12-25 4304732526 11694 08S 17E 25	GRRV					
✓ MONUMENT FEDERAL 32-25 4304732524 11707 08S 17E 25	GRRV					
✓ MONUMENT FEDERAL 31-25 4304732530 11710 08S 17E 25	GRRV					
✓ BALCRON FEDERAL 12-22Y 91331476 11717 08S 17E 22	GRRV					
✓ BALCRON MONUMENT FEDERAL 33-25 4304732525 11729 08S 17E 25	GRRV					
✓ MONUMENT FEDERAL 23-25 4304732529 11730 08S 17E 25	GRRV					
✓ BALCRON MONUMENT STATE 24-2 4304732612 11736 09S 17E 2	GRRV					
✓ BALCRON MONUMENT STATE 13-2 4301331482 11738 09S 17E 2	GRRV					
✓ BALCRON MONUMENT STATE 22-2 4304732610 11742 09S 17E 2	GRRV					
✓ BALCRON MONUMENT STATE 12-2 4301331481 11745 09S 17E 2	GRRV					
✓ BALCRON FEDERAL 31-19Y 4304732614 11751 09S 18E 19	GRRV					
TOTALS						

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

UTAH - ALL

Balcron Coyote Fed. #42-6X	Coyote Basin	SE NE	6	8S	25E	Uintah	UT	OSI	Green River	U-017439-B	43-047-32346	1987' FNL, 682' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #44-6	Coyote Basin	SE SE	6	8S	25E	Uintah	UT	PND	Green River	U-017439B	43-047-32421	560' FSL, 760' FEL	Vernal	Coyote Basin
Balcron Federal #12-20Y	8 Mile Flat N.	SW NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32617	1980' FNL, 660' FWL	Vernal	
Balcron Federal #12-22Y	8 Mile Flat N.	SW NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-66191	43-013-31476	2105' FNL, 660' FWL	Vernal/Priv.sfc.	
Balcron Federal #21-13Y	Monument Butte	NE NW	13	9S	16E	Duchesne	UT	Oil	Green River	U-64805	43-013-31400	703' FNL, 1831' FWL	Vernal	
Balcron Federal #21-25Y	Monument Butte	NE NW	25	9S	16E	Duchesne	UT	Oil	Green River	U-64380	43-013-31994	500' FNL, 1980' FWL	Vernal	
Balcron Federal #21-9Y	Monument Butte	NE NW	9	9S	16E	Duchesne	UT	Oil	Green River	U-65207	43-013-31396	476' FNL, 2051' FWL	Vernal	
Balcron Federal #22-10Y	Monument Butte	SE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31395	1980' FNL, 1980' FWL	Vernal	
Balcron Federal #24-3Y	Monument Butte	SE SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31397	562' FSL, 1887' FWL	Vernal	
Balcron Federal #31-14Y	Undesignated	NW NE	14	9S	19E	Uintah	UT	PND	WASATCH	U-66193		500' FNL, 2740' FWL	Vernal/Priv.sfc.	
Balcron Federal #31-19Y	8 Mile Flat N.	NW NE	19	9S	18E	Duchesne	UT	Oil	Green River	U-65635	43-047-32614	660' FNL, 1880' FEL	Vernal	
Balcron Federal #31-5Y	8 Mile Flat N.	NW NE	5	9S	18E	Uintah	UT	Oil	Green River	U-65970	43-047-32503	660' FNL, 1980' FEL	Vernal	
Balcron Federal #32-19Y	8 Mile Flat N.	SW NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32615	1980' FNL, 1980' FEL	Vernal	
Balcron Federal #41-19Y	Monument Butte	NE NE	19	9S	17E	Duchesne	UT	Oil	Green River	U-65967	43-047-32504	660' FSL, 660' FEL	Vernal	
Balcron Federal #41-21Y	Monument Butte	NE NE	21	9S	16E	Duchesne	UT	Oil	Green River	U-64379	43-013-31392	970' FNL, 894' FEL	Vernal	
Balcron Federal #42-19Y	8 Mile Flat N.	SE NE	19	9S	18E	Uintah	UT	Oil	Green River	U-65635	43-047-32616	2100' FNL, 500' FEL	Vernal	
Balcron Federal #44-14Y	Monument Butte	SE SE	14	9S	17E	Uintah	UT	Oil	Green River	U-64806	43-047-32438	1008' FSL, 832' FEL	Vernal	
Balcron Federal #44-4Y	8 Mile Flat N.	SE SE	4	9S	17E	Duchesne	UT	Oil	Green River	U-65635	43-013-31452	660' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #11-10-9-17Y		NW NW	10	9S	17E	Duchesne	UT	PND	Green River				Vernal	
Balcron Monument Fed. #11-20-9-18Y	Monument Butte	NW NW	20	9S	18E	Uintah	UT	OIL	Green River	U-64917	43-047-32712	500' FNL, 500' FWL	Vernal	
Balcron Monument Fed. #11-22-8-17Y	Monument Butte	NW NW	22	8S	17E	Duchesne	UT	OIL	Green River	U-66191	43-013-31539	635' FNL, 658' FWL	Vernal	
Balcron Monument Fed. #11-25	Monument Butte	NW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32455	739' FNL, 648' FWL	Vernal	
Balcron Monument Fed. #11-6	Monument Butte	NW NW	6	9S	17E	Duchesne	UT	WVW	Green River	U-020252-A	43-013-31362	804' FNL, 696' FWL	Vernal	Jonah
Balcron Monument Fed. #11-7J	Monument Butte	NW NW	7	9S	17E	Duchesne	UT	COMPL-WVW	Green River	U-44426	43-013-31492	681' FNL, 447' FWL	Vernal	Jonah
Balcron Monument Fed. #12-10-9-17Y	Monument Butte	SW NW	10	9S	17E	Duchesne	UT	COMPL	Green River	U-65210	43-013-31536	1994' FNL, 618' FWL	Vernal	
Balcron Monument Fed. #12-11J	Monument Butte	SW NW	11	9S	16E	Duchesne	UT	WVW	Green River	U-096550	43-013-31417	2128' FNL, 689' FWL	Vernal	Jonah
Balcron Monument Fed. #12-12J	Monument Butte	SW NW	12	9S	16E	Duchesne	UT	WVW	Green River	U-096550	43-013-31410	739' FNL, 648' FWL	Vernal	Jonah
Balcron Monument Fed. #12-14J	Monument Butte	SW NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31488	2004' FNL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #12-17	Monument Butte	SW NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31431	1980' FNL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #12-25	Undesignated	SW NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32526	1486' FNL, 875.7' FWL	Vernal	
Balcron Monument Fed. #12-7J	Monument Butte	SW NW	7	9S	17E	Duchesne	UT	Oil	Green River	U-44426	43-013-31493	1965' FNL, 620' FWL	Vernal	Jonah
Balcron Monument Fed. #13-11J	Monument Butte	NW SW	11	9S	16E	Duchesne	UT	Oil	Green River	U-096547	43-013-15790	1819' FSL, 658' FWL	Vernal	Jonah
Balcron Monument Fed. #13-5	Monument Butte	NW SW	5	9S	17E	Duchesne	UT	WVW	Green River	U-020252	43-013-31370	1980' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #13-8	Monument Butte	NW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31382	2060' FSL, 694' FWL	Vernal	Beluga
Balcron Monument Fed. #14-11	Monument Butte	SW SW	11	9S	16E	Duchesne	UT	WVW	Green River	U-096547	43-013-31374	1048' FSL, 446' FWL	Vernal	Jonah



EQUITABLE RESOURCES
ENERGY COMPANY

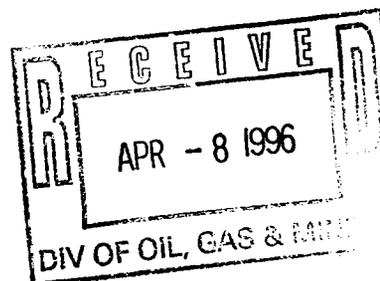
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

March 22, 1996

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



Gentlemen:

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

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

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

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

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: <input type="checkbox"/> See attached listing	5. Lease Designation and Serial Number: See attached listing
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name: n/a
3. Address and Telephone Number: 1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860	7. Unit Agreement Name: See attached listing
4. Location of Well Footages: See attached listing	8. Well Name and Number: See attached listing
County: See attached list	9. API Well Number: See attached listing
State: UTAH	10. Field and Pool, or Wildcat: See attached listing

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Operator name change</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

8 1996

13. Name & Signature: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: March 27, 1996

(This space for State use only)

DOGM SPEED LETTER

To: Ed Bonner

From: Don Staley

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date April 26 19 96

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s)

These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by your agency ASAP.

Former Operator: Equitable Resources Energy Co., Balcron Oil Division (N9890)

New Operator: Equitable Resources Energy Co. (N9890)

Well(s): API: Entity: S-T-R: Lease:

NAME CHANGE ONLY

(See Attached Lists)

cc: Operator File

Signed Don Staley

REPLY

Date _____ 19 _____

Signed _____

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEP 7-SJ	✓
2-DTS 58-FILE	✓
3-VLD (GIL)	✓
4-RJH	✓
5-IEC	✓
6-FILM	✓

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>D-77-3261-7</u>	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____	Twp: _____	Rng: _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

- 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) Sebeco Ins. Co. (Bond Rider In Progress)

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
sent to Ed Bonner - Trust Lands

FILMING

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"

DAILY OPERATING REPORT

BALCRON FEDEAL #31-19Y

Location: NW NE Section 19, T9S, R18E

Uintah County, Utah

660' FNL & 1880' FEL

PTD: 5,450' Formation: Green River

Eight Mile Flat

Elevations: 5137.2' GL

Contractor: Union Drilling #17

Operator: Balcron/EREC

Spud: 3-25-95 @ 12 noon

Casing: 8-5/8", 24#, J-55 @ 268.35'

5-1/2", 15.5#, J-55 @ 5501.79'

Tubing: 2-7/8", 6.5#, J-55 @ 4876.04' KB

---TIGHT HOLE---

3-9/23-95 Build location & install pit liner & build fence.

3-26-95 TD: 295' (295') Day 1

MW air & foam

Present Operation: WOC

MIRU rotary tools. Drilling conductor hoel 17-1/2". Drill rat hole, weld 13' 13-3/8" to conductor. Drill 12-1/4" hole to 295'. Circ hole clean, TOOH for 8-5/8" csg, RU & run 6 jts 8-5/8" csg & RU Western to cmt w/160 sxs "G" w/2% CaCl2 & 1/4#/sx CelloSeal. 8-5/8" csg set @ 268.35'. WOC. Notified Ed Forsman & Wayne Bankert w/BLM of spud & BOP test.

DC: \$9,669

CC: \$20,935

3-27-95 TD: 1,185' (890') Day 2

Formation: Green River

MW air & foam

Present Operation: Drilling

WOC & welder, weld on wellhead, test to 1000 psi. NU & test BOPE 2000 psi 10 min, csg 1500# 30 min - OK. TIH, drill plug, insert cmt & shoe. Drilling 7-7/8" hole. Change rotary rubber, drill, change air head. Repair air compressor. Drill, rig service & WL survey.

DC: \$13,792

CC: \$34,727

3-28-95 TD: 2,645' (1,460') Day 3

Formation: Green River

MW air & foam

Present Operation: Drilling

Drill, rig service, WL survey & drill ahead.

DC: \$19,534

CC: \$54,261

3-29-95 TD: 3,803' (1,158') Day 3

Formation: 2nd Garden Gulch

MW air & foam

Present Operation: Load hole w/fluid

Drill, WL survey, service rig & work BOP. Drill, blow hole w/air & load hole w/fluid.

DC: \$15,447

CC: \$69,708

DAILY OPERATING REPORT

BALCRON FEDEAL #31-19Y

Location: NW NE Section 19, T9S, R18E
Uintah County, Utah

---TIGHT HOLE---

- 3-30-95 TD: 4,225' (422') Day 5
Formation: Yellow Zone
MW 8.5 VIS 28 pH 10
Present Operation: Drilling
Cric hole, drop survey & TOH 4 stds. WO Welder & repair board, trip for bit #4, drill & rig service.
DC: \$7,740 CC: \$77,448
- 3-31-95 TD: 4,760' (535') Day 6
Formation: Red Zone
MW 8.6 pH 10
Present Operation: Drilling
Drill, survey & rig service.
DC: \$8,055 CC: \$85,503
- 4-1-95 TD: 5,330' (570') Day 7
Formation: Green Zone
MW 8.6 pH 10
Present Operation: Drilling
Drill, survey, & rig service.
DC: \$9,482 CC: \$94,985
- 4-2-95 TD: 5,520' (180') Day 8
Formation: Blue zone
MW 8.6 pH 10
Present Operation: LD Drill pipe & collars
Drill, reached TD @ 1:30 p.m. 4-1-95. Circ, TOO H for loggers, RU Schlumberger & log 1 run ART/LDS/APS/GR/CAL. TIH & LD drill pipe & collars.
DC: \$19,230 CC: \$114,215
- 4-3-95 TD: 5,510' (0') Day 9
Present Operation: Rig released.
Finish LD drill collars, change pipe rams & test to 2000 psi for 10 min - OK. RU & run 132 jts 5-1/2" csg. Cmt csg by Western w/474 sxs Super "G" w/47#/sx "G", 20#/sx POZA, 17#/sx CSE, 3% salt, 2% gel, 2#/sx HiSeal2 & 1/4#/sx CelloSeal. Tail w/233 sxs 50/50 POZ w/2% gel, 1/4#/sx CelloSeal & 2#/sx HiSeal. ND BOP, set slips w/74 K down & clean pits. Release rig @ 4p.m. 4-2-95. Will move to 42-19Y this morning.
DC: \$50,806 CC: \$165,021

DAILY OPERATING REPORT

BALCRON FEDEAL #31-19Y

Location: NW NE Section 19, T9S, R18E
Uintah County, Utah

---TIGHT HOLE---

4-6-95 Completion

Dress up location, set rig anchors, set frac tanks, set rig tank & pump. MIRU Cannon Well service Rig #2. NU 5M well headdd, NU BOP. TIH w/4-3/4" bit, 5-1/2" csg scraper & 187 jts 2-7/8" tbg. Tag PBD @ 5472' KB, circ hole clean w/117 bbls 2% KCL wtr. TOOH w/tbg & tools. RU Schlumberger & run CBL from PBD to 250' KB. Cmt top @ 465' KB. Perf 4692'-4700' (4 holes); 4703'-10' (4 holes); 4761'-66' (2 holes); 4779'-82' (2 holes); 4798'-4800' (1 holes); & 4806 '-16' (3 holes). RD Schlumberger. SWIFN.

DC: \$11,473

CC: \$176,494

4-7-95 Completion

TIH w/RBP, retrieving head, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" cross over, SN, & tbg. Set BP @ 4742' KB, set packer @ 4652' KB, EOT @ 4659' KB. RU Western to break down 4692'-4710' w/1890 gals 2% KCL wtr. ATP 2350 psi, max 5000 psi. ATR 4.6 bpm. ISIP 1500 psi. Pump 2 balls/ bbl. Release packer, release BP, reset BP @ 4852' KB, packer @ 4747'KB, EOT @ 4754'. RU Western to break down 4761'-4816' w/2058 gals 2% KCL wtr. ATP 1980 psi, max 5000 psi. ATR 4.1 bpm. ISIP 1200 psi. Release packer, TOOH w/tbg & packer. RU Western to frac 4692'-4816' w/207,900# 16/30 mesh sand w/51,148 gals 2% KCL gelled wtr. ATP 2600 psi, max 3060 psi. ATR 41.3 bpm, max 42.9 bpm. ISIP 2350 psi, 5 min 2120 psi, 10 min 1860 psi, 15 min 1780 psi & 30 min 1550 psi. Traced frac. Start forced closure flow back. SWIFN.

DC: \$61,774

CC: \$238,268

4-8-95 Completion

Flow back 180 BW. TIH w/retrieving tool, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" cross over, SN, & 150 jts 2-7/8" tbg. Tag sand @ 4640' KB. Circ down to BP @ 4852' KB. Set packer @ 4652' KB. Made 29 swab runs, recovered 2 BO & 147 BW. Last 3 runs oil 10%. Last 6 runs, FL 2750'. Sand last 25 runs. SWIFN.

DC: \$1,977

CC: \$240,245

4-9-95 Completion

BP set @ 4852' KB. FL @ surface. 1st run 40% oil. Made 44 swab runs, recovered 30 BO & 189 BW. FL 1900' last 7 runs. Oil 25% last 6 runs. Good gas. No sand on any runs. SWI.

DC: \$1,986

CC: \$242,231

4-10-95 Completion

BP @ 4852' KB. Well flowing, flow back 35 Bo & 4 BW. Could not get swab down tbg. Pump 25 bbls hot 2% KCL wtr. Made 11 swabr uns, recovered 12 BO & 46 BW. Last 3 runs oil 40%. Last run FL 2200'. Release packer, tag sand @ 4821' KB. Circ down to BP @ 4852' KB. Circ down to BP @ 4852', used 41 BW, release BP. TOOH w/tbg, packer & BP. SWIFN.

DC: \$2,875

CC: \$245,106

DAILY OPERATING REPORT

BALCRON FEDEAL #31-19Y

Location: NW NE Section 19, T9S, R18E
Uintah County, Utah

---TIGHT HOLE---

4-11-95 **Completion**

FL 254'. RU Schlumberger to run GR trace log from 4900' to 4600'. Perf 4692'-4710' (2 SPF), 4761'-66' (2 SPF), 4807'-16' (2 SPF). RD Schlumberger. TIH w/production tbg string as follows:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - jt 27-/8" EUE J-55 8RD 6.5#	30.62'	4876.04'
1 - perf sub 2-7/8" x 3'	3.10'	4845.42'
1 - SN 2-7/8"	1.10'	4842.32'
6 - jts 2-7/8" EUE J-55 8RD 6.5#	189.95'	4841.22'
1 - tbg anchor 2-1/2" x 5-1/2" 2.35'	4651.27'	
150 - jts 2-7/8" EUE J-55 8RD 6.5#	4638.92'	4648.92'
ND BOP, ND 5M well head, NU 3M well head. 1 Set tbg anchor w/12" tension (12,000#). Flush tbg w/10 bbls hot wtr. TIH w/rod production string as follows:		
1 - BHP 2-1/2"x1-1/2"x16' RWAC w/pa plunger		
192 - 3/4" x 25' D-61 plain rods		
3 - 3/4" x 6' Pony		
1 - 1-1/2" x 22' Polish rod		
Pressure test BHP & tbg to 1000 psi - OK. SWI. RDMO. WO Surface Equipment.		
DC: \$23,498		CC: \$268,604

GEOLOGIC AND DRILLING REPORT

42-047-32614

BALCRON OIL

BALCRON FEDERAL NO. 31-19Y

NW NE SECTION 19-T9S-R18E

UINTAH COUNTY, UTAH

CONFIDENTIAL

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

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Strip Log-----	Pocket

Prepared by:

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

Well Summary

OPERATOR: Balcron Oil
LEASE AND WELL NAME: Balcron Federal No. 31-19Y
LOCATION: NW NE 660' fn, 1880' fe
Section 19-T9S-R18E, Uintah County, Utah
ELEVATION: 5137 Ground, 5147 K.B.
SPUD DATE: March 25, 1995
COMPLETION DATE: Ran 5 1/2" Production Casing on 4-2-95
CASING POINT, DATE: April 1, 1995
TOTAL DEPTH: 5510' Driller Depth, 5505' Logger Depth
WELL STATUS: Awaiting Completion as an Oil Well
DRILLING CONTRACTOR: Union Drilling Co., Inc.
RIG NO.: 17
HOLE SIZE: Surface; 12 1/4" to 295' Main Hole; 7 7/8" to T.D.
SURFACE CASING: 7 Jts (270.6') 8 5/8", 24# @270 K.B. w/160 sx +
2% CaCl + 1/4#/sk Celo Seal
MUD PROGRAMS: Air and Mist to 3803'; KCL water to Total Depth
LOGS: Schlumberger ARL/1PLL
CORES: None
DRILL STEM TESTS: None
SAMPLE QUALITY: Good
SAMPLE DISPOSITION: Utah Sample Library, Salt Lake City, Utah
PRODUCTION CASING: 5 1/2", 15.5# @ Total Depth
DRILLING EQUIPMENT: BLOW OUT PREVENTER:
RIG: Draw Works Cabot-Franks Rocket Make Schaeffer, Model 10" - 3000#
Mast Make Cabot Height 87' Type Hydraulic Dbl Ram
Power Caterpillar 343 Diesel Drill Pipe Size 4 1/2" Thread XH 16.6#
Drill Collars: NO. 20, Length 596'
Thread 4"H-90, ID 2 1/2", OD 6"
PUMPS: NO. 1 Make GD, Model 200 FX,
Stroke Length 14"
Liner ID 5 1/2".
Power Twin 671 Detroit Diesels

Penetration Record

Balcron Federal No. 31-19Y

DAILY DEPTH AT 6:00 A.M.

<u>DATE</u>	<u>PENETRATION</u>		<u>TIME DISTRIBUTION</u>				<u>REMARKS</u>
	<u>DEPTH</u>	<u>FOOTAGE</u>	<u>DRILLING</u>	<u>REPAIRS</u>	<u>OTHER</u>	<u>DAY WORK</u>	
3-25-95	-	-	-	-	-	-	Spud @12:00 Noon
3-26-95	295	295	7 1/4	-	16 3/4	-	Run & Cmt 8 5/8"; WOC
3-27-95	1185	890	14 1/2	1/2	9	-	Nipple Up; Test BOP
3-28-95	2645	1460	21 1/2	-	2 1/2	-	-
3-29-95	3803	1158	22 1/4	-	1 3/4	-	-
3-30-95	4225	422	14 1/4	4 1/4	5 1/2	-	Load Hole; Trip f/Bit
3-31-95	4760	535	23 1/2	-	1/2	-	-
4-1-95	5330	570	23	-	1	-	-
4-2-95	5510	180	8 1/2	-	15 1/2	-	Logging; LDDP
4-3-95	5510	-	-	-	10	-	Run & Cmt 5 1/2" csg Rig Released @4:00 PM

TIME DISTRIBUTION SUMMARY

Rotating Hours----- 134 3/4 Hours
 Days on Location----- 9 Days
 Rig Repair----- 4 3/4 Hours
 Day Work----- 0 Hours

Mud Check



Balcron Federal No. 31-19Y

<u>DATE</u>	<u>DEPTH</u>	<u>WT.</u>	<u>VIS.</u>	<u>PH</u>	<u>WL</u>	<u>CAKE</u>	<u>CHLORIDES</u>	<u>KCI</u>
3-26-95	295					Drilling with Air & Mist	120 psi	1800 cfm
3-27-95	1185					Drilling with Air & Mist	130 psi	1800 cfm
3-28-95	2645					Drilling with Air & Mist	200 psi	1800 cfm
3-29-95	3803					Drilling with Air & Mist	280 psi	1800 cfm
3-30-95	4225	8.5	27	10	-	-	6200	1.3% KCL
3-31-95	4760	8.5	27	10	-	-	6800	1.1% KCL
4-1-95	5330	8.5	26	10	-	-	6500	1.2% KCL

Mud Additives

KCL----- 50 sx
Sawdust----- 3 sx
T-700 Inhibitor----- 2 Bbls.
Poly S ----- 2 cans

Lime----- 20 sx
Gel----- 15 sx
Cedar Fiber----- 10 sx
Foamer ----- 6 cans

Bit Record



Balcron Federal No. 31-19Y

<u>NO.</u>	<u>SIZE</u>	<u>MAKE</u>	<u>TYPE</u>	<u>JETS</u>	<u>OUT</u>	<u>FEET</u>	<u>HRS.</u>	<u>WEIGHT</u>	<u>RPM</u>	<u>SPM</u>	<u>PRESS</u>	<u>DEV</u>
1	17 1/2"	H	F8	Open	24	24	2	4-6	25		Air & Mist	
2	12 1/4"	H	F8	Open	295	271	5 1/4	4-6	25		Air & Mist	
3	7 7/8"	Sec	S88CF	24	3803	3508	58 1/2	40	55-60		Air & Mist	2 1/4°
4	7 7/8"	HTC	ATJ-44	13	5510	1707	69	40	60	53	1075	2 1/4°

Deviation Record

<u>DEPTH</u>	<u>ANGLE</u>	<u>DEPTH</u>	<u>ANGLE</u>
548	1 1/2°	3110	2 1/4°
1050	3/4°	3800	2 1/2°
1600	1 3/4°	4300	2 1/4°
2610	2 1/4°	4800	2 1/4°

Show Report

Balcron Federal No. 31-19Y

NO	DEPTH From - To	DRILL RATE, Min/Ft			TOTAL GAS Units			CHROMATOGRAPH %			
		Before	During	After	Before	Peak	After	C1	C2	C3	C4
1	2900-3000	0.8	1.0	0.7	20	60	100	0.1	-	-	-
2	3200-3250	1.0	1.8	1.0	110	200	110	1.0	-	-	-
3	4040-4052	2.0	0.8	3.0	130	400	130	3.6	0.3	0.01	0.005
4	4378-4386	2.5	1.5	3.0	150	400	200	3.2	0.14	0.028	0.003
5	4392-4404	2.5	1.5	3.0	200	1000	200	8.0	0.2	0.05	0.01
6	4692-4708	2.5	1.0	2.5	300	1100	400	9.5	0.9	0.3	0.13
7	4760-4766	3.5	1.5	2.5	500	1300	440	9.5	1.3	0.06	0.1
8	4776-4782	2.5	1.8	4.5	450	650	450	5.5	0.14	0.025	0.015
9	4798-4814	2.5	1.0	2.5	500	1280	650	10.0	0.38	0.04	0.016
10	5150-5166	2.5	1.5	2.5	750	950	550	8.0	0.7	0.5	0.04
11	5174-5192	2.5	1.0	3.0	550	800	650	7.0	0.6	0.3	0.025

REMARKS

- 1 - Sandstone - light gray, tan, very fine grained, silty, angular, calcareous, poor to fair porosity, light brown oil stain, slight yellow-gold fluorescence, instant streamer cut.
- 2 - Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, tight to poor porosity, scattered brown oil stain and fluorescence, faint milky cut.
- 3 - Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, prtly clay filled, poor to fair porosity, wet sample has scattered brown oil stain and yellow brown fluorescence, faint streaming cut, dry sample has uniform brown oil saturation, strong yellow-gold fluorescence, and instant strong streaming cut.
- 4 - Sandstone - buff, light gray, very fine grained, silty, angular, calcareous, poor to good porosity, light brown oil saturation, uniform yellow-gold fluorescence, instant strong streaming cut.
- 5 - Sandstone - as above; poor to fair porosity, show, as above.
- 6 - Sandstone - brown, very fine grained, silty, angular, calcareous, poor to good porosity, brown oil saturation, yellow-gold fluorescence, instant strong streaming cut, excellent oil show.
- 7 - Sandstone - tan, light gray, very fine grained, silty, angular, calcareous, poor to good porosity, brown oil saturation, bright yellow-gold fluorescence, instant strong streaming cut, very good oil show.
- 8 - Sandstone - as above, with oil shows, as above.
- 9 - Sandstone - light brown, very fine grained, silty, angular, calcareous, tight to fair porosity, brown oil stain, yellow-gold fluorescence, instant good streaming cut, fair show of oil.
- 10 - Sandstone - tan, light gray, very fine to fine grained, angular, calcareous, partly clay filled, poor to fair porosity, light brown oil stain, blobs of brown oil on samples, strong yellow-gold fluorescence, instant strong streaming cut, good show of oil.
- 11 - Sandstone - white, tan, very fine to medium grained, angular, mostly loose grains, calcareous, locally clay filled, 50% has porosity and show, as above.

Formation Data



Balcron Federal No. 31-19Y

Log Tops

<u>ELEVATIONS</u>	<u>5137 GL</u>	<u>5147 K.B.</u>		<u>STRUCTURAL</u>
<u>FORMATION</u>	<u>DEPTH</u>	<u>ELEVATION</u>	<u>THICKNESS</u>	<u>RELATIONSHIP</u>
				<u>HIGH/LOW</u>
TERTIARY				
Uintah	Surface	+5137	1178	7 Feet High
Green River	1188	+3959	866	9 Feet High
Horseshoe Bench Sandstone	2054	+3093	1506	16 Feet High
2nd Garden Gulch	3560	+1587	598	13 Feet High
Yellow Marker	4158	+989	162	13 Feet High
Douglas Creek	4320	+827	75	13 Feet High
R-5 Sandstone	4395	+752	152	Not present in Comp Well
2nd Douglas Creek	4547	+600	125	19 Feet High
Green Marker	4672	+475	88	23 Feet High
G-3 Sandstone	4760	+387	179	27 Feet High
Black Shale Facies	4939	+208	178	6 Feet High
Carbonate Marker	5117	+30	25	6 Feet High
B-1 Sandstone	5142	+5		15 Feet High
TOTAL DEPTH	5505'			

REFERENCE WELL : Balcron Federal No. 41-19Y
(1220' East)

Sample

Descriptions

Balcron Federal No. 31-19Y
NW NE Section 19-T9S-R18E
Uintah County, Utah

Samples caught from Blooie Line; Lagged; Sample quality good; 50 Foot Sample Intervals; Samples begin at 1100'.

1100 - 1150 Shale - lavender gray, greenish gray, light gray, lumpy, hard, gritty to silty.

LOG TOP, GREEN RIVER FORMATION 1188' (+3959')

1150 - 1200 Shale - medium gray, blocky to fissile, hard, gritty; Marl - tan, cream, blocky, petroliferous.

1200 - 1250 Sandstone - white, very fine grained, mostly loose grains, silty, angular, clay filled; some Shale and Marl - as above.

1250 - 1300 Marl - tan, brown, black, petroliferous; some Sandstone - as above.

1300 - 1350 Marl - as above.

1350 - 1400 No change.

1400 - 1450 Marl - tan, brown, grayish brown, firm, blocky, petroliferous; Calcite Fragments - clear.

1450 - 1600 No change.

1600 - 1650 Marl - buff, tan, light gray, blocky, petroliferous.

1650 - 1700	Marl - brown, grayish brown, hard, blocky, petroliferous.
1700 - 1750	No change.
1750 - 1800	Marl - grayish brown, gritty, blocky, hard, petroliferous.
1800 - 1850	Marl - tan, brown, grayish brown, as above.
1850 - 1900	Marl - tan, brown, grayish brown, blocky, gritty, hard, petroliferous.
1900 - 1950	No change.
1950 - 2000	No change.
2000 - 2050	Marl - dark grayish brown, gritty, blocky, hard, petroliferous.

LOG TOP, HORSESHOE BENCH SANDSTONE 2054' (+3093')

2050 - 2100	Siltstone - tan, light gray, calcareous, shaley; Shale - medium gray, blocky, gritty, hard, calcareous; Marl - as above.
2100 - 2150	Marl - buff, tan, grayish brown, blocky, gritty, petroliferous; some Siltstone - light gray, sandy, hard, calcareous.
2150 - 2200	Sandstone - tan to light gray, very fine to fine grained, very silty, angular, calcareous, hard, tight, partly shaley; some Marl - as above.
2200 - 2250	Marl - tan to dark brown, blocky, hard, petroliferous.
2250 - 2300	No change.
2300 - 2350	No change.
2350 - 2550	No change.
2550 - 2600	Siltstone - tan to light gray, sandy, calcareous; Marl - as above.
2600 - 2650	Marl - tan, brown, black, blocky to fissile, petroliferous.
2650 - 2700	Sandstone - light gray, buff, tan, very fine grained, silty, angular, calcareous, hard, tight, <u>faint brown oil stain, slight yellow-gold fluorescence, slight slow streaming cut</u> ; Marl - as above.

- 2700 - 2750 Shale - black, blocky, hard, calcareous, gritty to sandy, petroliferous; some Marl - tan, brown, blocky, petroliferous.
- 2750 - 2800 Shale - as above; Sandstone - white, light gray, dark gray, very fine to fine grained, silty, angular, siliceous to calcareous, hard, dense; Marl - as above.
- 2800 - 2850 Marl - buff, tan, brown, hard, blocky, petroliferous.
- 2850 - 2900 Sandstone - light gray, tan, very fine grained, silty, angular, calcareous, poor to fair porosity, light brown oil stain, slight yellow-gold fluorescence, instant streamer cut; Shale - light gray, fissile, calcareous.
- 2900 - 2950 Sandstone - as above, tight to poor porosity, scattered show, as above; Marl - gray, tan, brown, blocky, petroliferous.
- 2950 - 3000 Marl - buff, tan, grayish brown, blocky, petroliferous.
- 3000 - 3050 Siltstone - light gray, sandy, hard, calcareous; Limestone - tan, brown, micritic, hard; Marl - as above.
- 3050 - 3100 Limestone - cream, buff, very fine crystalline to micritic; Marl - tan, brown, grayish brown, hard, blocky, petroliferous.
- 3100 - 3150 Limestone - buff, tan, very fine crystalline; Marl - tan, brown, light gray, hard, blocky, petroliferous.
- 3150 - 3200 No change.
- 3200 - 3250 Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, tight to poor porosity, scattered brown oil stain and fluorescence, faint milky cut; Shale - light gray, blocky to fissile, calcareous, hard.
- 3250 - 3300 Siltstone - light to medium gray, sandy, shaley, calcareous, hard; Shale - light to medium gray, blocky to fissile, gritty, calcareous, hard.
- 3300 - 3350 Sandstone - light gray, very fine grained, silty, angular, calcareous, tight, no show; Shale - as above.
- 3350 - 3400 Marl - light gray, tan, brown, blocky, petroliferous.
- 3400 - 3450 Marl - tan, brown, dark grayish brown, fissile to blocky, petroliferous.

petroliferous.

3450 - 3500 Shale - medium gray, blocky, calcareous; Limestone - buff, tan, micritic, partly chalky.

3500 -3550 As above; Siltstone - light gray, sandy, calcareous.

LOG TOP, 2nd GARDEN GULCH LIMESTONE 3560 ' (+1587')

3550 - 3600 Sandstone - white, light gray, very fine grained, silty, angular, calcareous, hard, tight; Shale and Limestone - as above.

Begin 30 Foot Samples.

3600 - 3630 No change.

3630 - 3660 Sandstone - white, light gray, very fine to fine grained, angular, calcareous, poor porosity, no show; Shale and Limestone - as before.

3660 - 3690 As above; some Marl - brown, blocky, petroliferous.

3690 - 3720 Limestone - buff, tan, micritic; Shale - light gray, blocky to fissile, calcareous, hard; some Sandstone - as above.

3720 - 3750 As above; Marl - tan, brown, blocky, petroliferous.

3750 -3780 Sandstone - light gray, very fine grained, silty, angular, calcareous, hard, tight, no show; Shale - light gray, blocky to fissile, gritty, calcareous, hard; Limestone - buff, tan, micritic; some Marl - dark brown, blocky, petroliferous.

3780 - 3800 Shale - as above; some Siltstone, Marl and Limestone.

3800 - 3830 Sandstone - white, light gray, very fine to fine grained, angular, calcareous, partly clay filled, tight to poor porosity, no show.

3830 - 3860 Shale - medium grayish green, blocky, gritty, calcareous, hard; Limestone - tan, brown, micritic; Marl - brown, blocky, petroliferous.

3860 - 3890 Shale - light greenish gray, fissile, calcareous, gritty; Siltstone - white, light gray, very sandy, calcareous; some Limestone and Marl.

3890 - 3920 Shale - light gray, blocky, gritty, calcareous, hard;

Sandstone - white, light gray, very fine to medium grained, angular, calcareous, partly clay filled, hard, tight;
Limestone - buff, tan, micritic; some Marl - brown, blocky, petroliferous.

3920 - 3950 Shale - light gray, blocky, hard, calcareous; Marl - buff, brown, blocky to fissile, petroliferous; traces of Sandstone and Limestone.

3950 - 3980 Shale - as above; some Marl and Limestone.

3980 - 4010 Marl - buff, tan, dark brown, blocky to fissile, petroliferous;
Limestone - tan, brown, micritic.

4010 - 4040 Marl - as above; Limestone - tan, brown, mottled, fragmental to micritic.

4040 - 4070 Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, partly clay filled, poor to fair porosity, wet sample has scattered brown oil stain and yellow-brown fluorescence, with faint streaming cut, dry sample has uniform brown oil stain, strong yellow-gold fluorescence, instant strong streaming cut.

4070 - 4100 Sandstone - as above, with scattered poor porosity, scattered show, as above; Shale - light gray, fissile to blocky, calcareous; Limestone - buff, tan, mottled, fragmental; Marl - tan, brown, blocky, petroliferous.

4100 - 4130 Shale and Marl - as above; traces of Limestone and Sandstone.

LOG TOP, YELLOW MARKER 4158' (+989')

4130 - 4160 Marl - brown, grayish brown, fissile to blocky, petroliferous; some Limestone; and gray Shale.

4160 - 4190 Sandstone - white, light gray, very fine grained, angular, silty, calcareous, partly clay filled, no visible porosity or show; Limestone - buff, tan, fragmental to micritic; some Marl and Shale.

4190 - 4220 Sandstone - as above; Shale - light gray, fissile to blocky, hard, calcareous; Limestone - buff, tan, brown, micritic to fragmental.

4220 - 4250 Shale - light gray, blocky to fissile, calcareous; Marl - tan, brown, blocky, petroliferous; Limestone - as above; trace of

Sandstone.

4250 - 4280 As above; Clay - light gray, soft.

4280 - 4310 Shale - medium gray, fissile to lumpy, gritty, calcareous; some Marl.

LOG TOP, DOUGLAS CREEK 4320' (+827')

4310 - 4340 Shale - light gray, fissile to lumpy, calcareous; Limestone - buff, tan, brown, micritic; Siltstone - light gray, sandy, calcareous.

4340 - 4370 Shale and Limestone - as above; Sandstone - white, light gray, very fine grained, silty, angular, calcareous, tight.

4370 - 4380 Siltstone - white, light gray, sandy, calcareous; Shale - as above; Marl - tan, brown, blocky, petroliferous.

4380 - 4390 Sandstone - buff, light gray, very fine grained, silty, angular, calcareous, poor to good porosity, light brown oil saturation, uniform yellow-gold fluorescence, instant strong streaming cut.

LOG TOP, R-5 SANDSTONE 4395' (+752')

4390 - 4400 Sandstone - as above with some clay filling, poor to fair porosity, show as above.

4400 - 4430 Shale - light gray, fissile to lumpy, calcareous; Sandstone - as above; Limestone - cream, buff, tan, micritic.

4430 - 4460 Shale - light gray, fissile to lumpy, gritty, calcareous; some Marl - tan, brown, blocky, calcareous.

4460 - 4490 Shale and Marl - as above; Siltstone - light gray, sandy, calcareous.

4490 - 4520 Siltstone - light gray, buff, sandy, calcareous; Shale and Marl - as above.

LOG TOP, 2nd DOUGLAS CREEK 4547' (+600')

4520 - 4550 Marl - tan, grayish brown, fissile to blocky, petroliferous; Shale and Siltstone - as above; Limestone - cream, buff, chalky, micritic; Clay - white.

4550 - 4580 Shale - light gray, lumpy to blocky, gritty, hard, calcareous;

Siltstone - light gray, shaley; Marl - brown, blocky, petroliferous; Limestone - tan, micritic.

4580 - 4610 No change.

4610 - 4640 No change.

4640 - 4670 Marl - brown, black, blocky to fissile, petroliferous.

LOG TOP, GREEN MARKER 4672' (+475')

4670 - 4710 Sandstone - brown, very fine grained, silty, angular, calcareous, poor to good porosity, brown oil saturation, yellow brown to yellow-gold fluorescence, instant strong streaming cut, excellent show of live oil.

4710 - 4730 Marl - buff, tan, brown, light gray, fissile to blocky, petroliferous.

4730 - 4760 Shale - light gray, fissile, calcareous; Marl - as above; Clay - white; Siltstone - light gray, calcareous; Sandstone - brown, very fine grained, silty, angular, calcareous, poor to good porosity, brown oil saturation, yellow-gold fluorescence, instant strong streaming cut. Good show of oil.

LOG TOP, G-3 SANDSTONE 4760' (+387')

4760 - 4790 Sandstone - tan, light gray, very fine grained, silty, angular, calcareous, poor to good porosity, brown oil saturation, bright yellow-gold fluorescence, instant strong streaming cut. Very Good Show of Oil; Shale and Marl - as above.

4790 - 4810 Shale and Marl - as before; Sandstone - as above, with oil show as above.

4810 - 4820 Marl - tan, brown, blocky, petroliferous; Shale - light gray, fissile to blocky, calcareous; Sandstone - tight to fair porosity, brown oil stain, yellow-gold fluorescence, instant good streaming cut, fair show of oil.

4820 - 4850 Marl and Shale - as above; Siltstone - light gray, sandy, calcareous; some Sandstone - as above, with show of oil as above.

4850 - 4880 Marl - medium gray, grayish brown, brown, blocky to fissile, petroliferous; Limestone - brown, fragmental, ostracodal, argillaceous.

- 4880 - 4910 No change.
- 4910 - 4940 Siltstone - light gray, partly sandy, limey, hard; Marl and Shale - as above.

LOG TOP, BLACK SHALE FACIES 4939' (+208')

- 4940 - 4970 Shale - dark gray, dark brownish gray, black, blocky to fissile, brittle, carbonaceous, petroliferous; trace of Limestone - white, buff, tan, fragmental, fossiliferous.
- 4970 - 5000 No change.
- 5000 - 5030 Shale - medium gray, lumpy to blocky, calcareous, partly gritty, hard; Shale - dark brownish gray, blocky, carbonaceous, petroliferous.
- 5030 - 5060 Marl - medium to dark gray, dark brown, blocky, petroliferous; Limestone - cream, tan, brown, micritic, argillaceous; Siltstone - light to medium gray, calcareous, shaley.
- 5060 - 5090 Shale - dark grayish brown, black, fissile to blocky, brittle, calcareous, carbonaceous, petroliferous.

LOG TOP, CARBONATE MARKER 5117' (+30')

- 5090 - 5120 As above; some Limestone - brownish gray, shaley, micritic.

LOG TOP, B-1 SANDSTONE 5142' (+5')

- 5120 - 5150 Siltstone - light gray, partly sandy, calcareous, hard; Sandstone - white, very fine grained, silty, angular, calcareous, partly clay filled, hard, tight; Shale - light to medium gray, fissile to lumpy, calcareous, firm; some Sandstone - tan, light gray, very fine to fine grained, angular, calcareous, some clay filling, poor to fair porosity, light brown oil stain, (blobs of brown crude oil on samples) strong yellow-gold fluorescence, instant strong streaming cut, good show of oil.
- 5150 - 5180 Sandstone - as above with porosity and show, as above.
- 5180 - 5210 Sandstone - white, tan, very fine to medium grained, angular, mostly loose grains, calcareous, locally clay filled, 50% has show, as above, porosity as above.

- 5210 - 5240 Marl - dark grayish brown, brown, tan, blocky, petroliferous; Limestone - dark brown, fragmental, fossiliferous, ostracodal, argillaceous.
- 5240 - 5270 Sandstone - white, very fine to fine grained, angular to sub-rounded, clay filled, slightly calcareous, tight, no show.
- 5270 - 5300 Marl - light gray, tan, brown, dark grayish brown, fissile to blocky, petroliferous, ostracods; some Siltstone - light gray, sandy, calcareous.
- 5300 - 5330 Sandstone - light gray, very fine to medium grained, angular, calcareous, clay filled, hard, tight; Marl - as above; some Limestone - tan, brown, micritic.
- 5330 - 5360 No change.
- 5360 - 5390 Marl - tan, brown, grayish brown, blocky, petroliferous; Shale - light gray, fissile, calcareous; trace of Sandstone and Limestone.
- 5390 - 5420 Sandstone - light gray, very fine to fine grained, silty, angular, calcareous, partly clay filled, hard, tight, no show; Shale, Marl and Limestone - as above.
- 5420 - 5450 Marl - tan, brown, black, fissile to blocky, brittle, carbonaceous, petroliferous.
- 5450 - 5480 Siltstone - light gray, white, sandy, shaley, calcareous; Shale - light gray, fissile, calcareous; some Marl.
- 5480 - 5510 Siltstone - as above; Shale - light gray, blocky to fissile, calcareous; Marl - dark brown, black, blocky, petroliferous.

Driller's Total Depth 5510'
Logger's Total Depth 5505'

April 1, 1995


MK. Jones
Petroleum Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

RECEIVED
 SUBMIT IN DUPLICATE
 (Section 10 instructions on reverse side)
 MAY 26 1995
 DIV. OF OIL, GAS & MINING
CONFIDENTIAL

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO. U-65835
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
 7. UNIT AGREEMENT NAME n/a
 8. FARM OR LEASE NAME Palcron Federal
 9. WELL NO. #31-19Y
 10. FIELD AND POOL, OR WILDCAT 8 Mile Flat North/Green River
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW NE Section 19, T9S, R18E
 12. COUNTY OR PARISH Uintah
 13. STATE Utah
 14. PERMIT NO. 43-047-32614 DATE ISSUED 1-12-95
 15. DATE SPUDDED 3-25-95 16. DATE T.D. REACHED 4-2-95 17. DATE COMPL. (Ready to prod.) 4-21-95 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5137.20' GL 19. ELEV. CASINGHEAD n/a
 20. TOTAL DEPTH, MD & TVD 5510' 21. PLUG, BACK T.D., MD & TVD 5472' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY → SFC - TD ROTARY TOOLS SFC - TD CABLE TOOLS n/a
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4692' - 4816' Green River 25. WAS DIRECTIONAL SURVEY MADE No
 26. TYPE ELECTRIC AND OTHER LOGS RUN ART/LDS/APS/GR/CAL **CBL GR CCL ASTER FRAC GR CCL MUD LOG INT POROSITY LITHOLOGY 4-TS** 27. WAS WELL CORDED 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#	268.35'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5501.79'	7-7/8"	474 sxs Super "G" w/additives 233 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"	4876.04' KB	n/a

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	HOLES	DEPTH	SPF	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4692'-4700'	(4 holes)	4806'-4816'	(2 SPF)	4761' - 4816'	Breakdown w/2058 gals 2% KCL wtr.
4703'-4710'	(4 holes)	4692'-4710'	(2 SPF)	4692' - 4816'	Frac w/207,900# 16/30 mesh sand w/
4761'-4766'	(2 holes)	4761'-4766'	(2 SPF)		51,148 gals 2% KCL gelled wtr.
4779'-4782'	(2 holes)	4807'-4816'	(2 SPF)		
4798'-4800'	(1 hole)				

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-21-95		1-1/2" Insert Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-14-95	24	n/a	→	91.83	N.,M.	7.33	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	→	91.83	N.M.	7.33	34	

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

35. LIST OF ATTACHMENTS None

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 5-22-9

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No DST's Run.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
See Geological Report submitted separately.		

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-65635

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

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Balcron Federal #31-197

2. Name of Operator
Equitable Resources Energy Company

9. API Well No.
43-047-32614

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

10. Field and Pool, or Exploratory Area
8 Mi. Flat N./Grn River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW NE Sec. 19- T9S- R18E
660' FNL, 1880' FEL

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

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

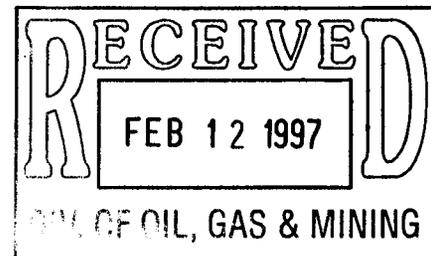
- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other site facility diagram
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

Attached is the revised site facility diagram for this well.

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 Title Regulatory and Environmental Specialist Date February 10, 1997

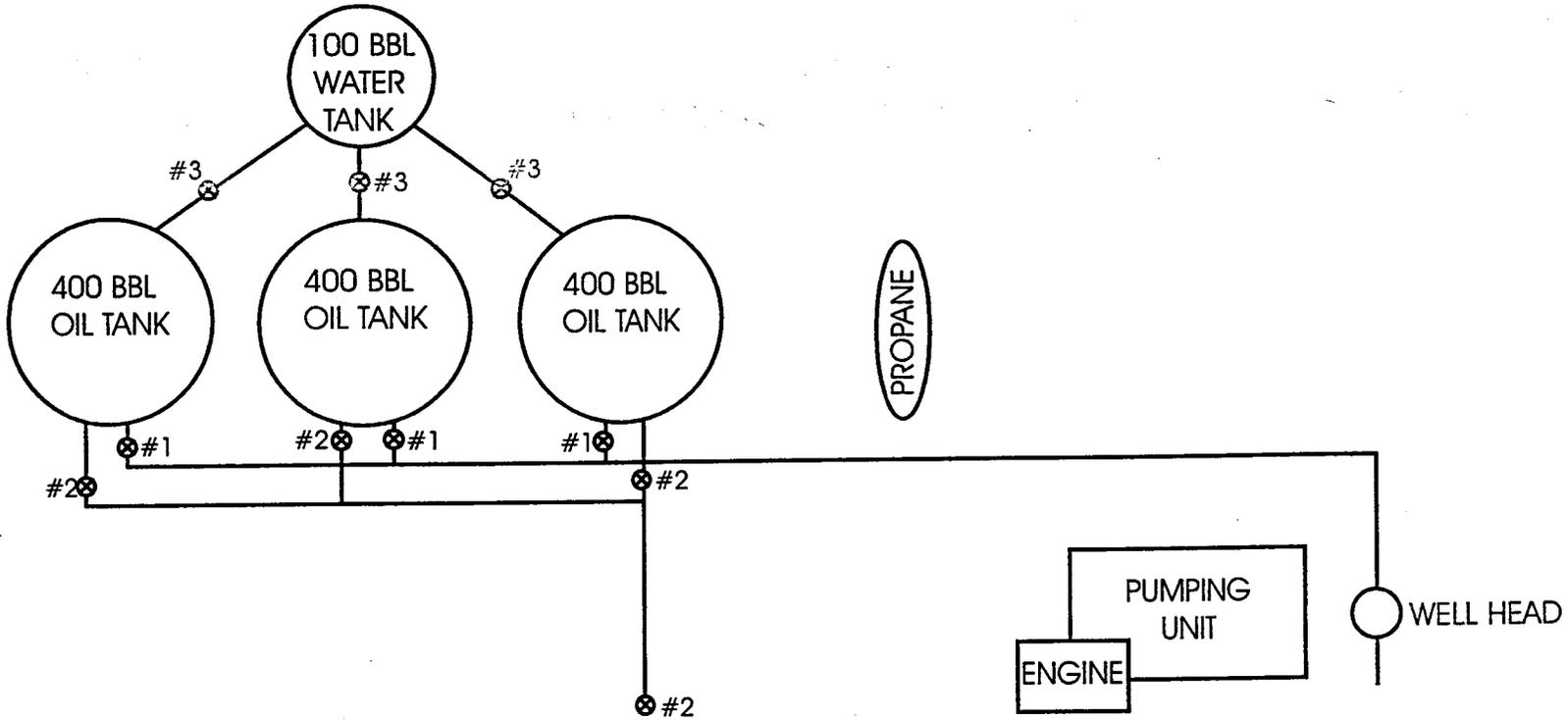
(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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

*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY
 BALCRON FEDERAL 31-19Y
 PRODUCTION FACILITY DIAGRAM

BALCRON FEDERAL 31-19Y
 NW NE SEC. 19, T9S, R18E
 UINTAH COUNTY, UTAH
 FEDERAL LEASE #U-65635



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



PLAN LOCATED AT:

**EQUITABLE RESOURCES
 ENERGY COMPANY**
 WESTERN REGION

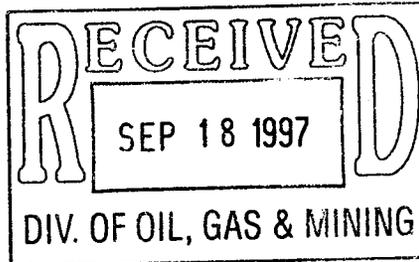
1601 Lewis Avenue
 Billings, MT 59102
 (406) 259-7860

DECEMBER 13, 1996



ERI

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



43-047-32614

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 since 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
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
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
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:	2.4710
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:	0.3339
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:	5.1764
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:	3.1657

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

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

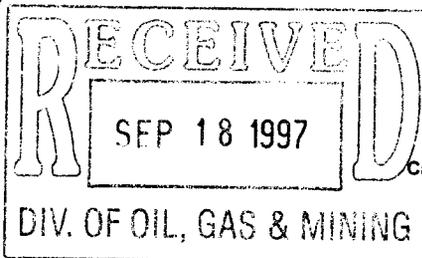
Gas Volume (mscfpd)	Payout (Days)	Payout (Years)
25	11703	32.06
50	5851	16.03
75	3901	10.69
100	2926	8.02
125	2341	6.41
150	1950	5.34
175	1672	4.58
200	1463	4.01
225	1300	3.56
250	1170	3.21
275	1064	2.91
300	975	2.67
325	900	2.47
350	836	2.29
375	780	2.14
400	731	2.00



**EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION**

Daily Production History

Balcron Federal #31-19Y
NW NE Sec.19, T9S, R18E
Uintah County, Utah



Calculation Of Vented Gas

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)
04/21/95					Start Well			
04/22/95	10.04	74.03		10		0.000000	0	0
04/23/95	59.03	61.67		69		0.000000	0	0
04/24/95	80.00	25.00		149		0.000000	0	0
04/25/95	73.33	28.33		222		0.000000	0	0
04/26/95	76.65	23.33		299		0.000000	0	0
04/27/95	79.07	16.67		378		0.000000	0	0
04/28/95	75.01	26.66		453		0.000000	0	0
04/29/95	81.65	15.00		535		0.000000	0	0
04/30/95	73.33	18.32		608		0.000000	0	0
05/01/95	87.34	18.37		695		0.000000	0	0
05/02/95	95.06	5.00		791		0.000000	0	0
05/03/95	87.91	4.67		878		0.000000	0	0
05/04/95	89.99	8.33		968		0.000000	0	0
05/05/95	116.33			1085		0.000000	0	0
05/06/95	88.32	15.00		1173		0.000000	0	0
05/07/95	62.49	30.00		1236		0.000000	0	0
05/08/95	80.01	29.99		1316		0.000000	0	0
05/09/95	89.99	4.99		1406		0.000000	0	0
05/10/95	94.98	8.33		1501		0.000000	0	0
05/11/95	91.26			1592		0.000000	0	0
05/12/95	79.99	14.99		1672		0.000000	0	0
05/13/95	81.65	13.33		1753		0.000000	0	0
05/14/95	114.59			1868		0.000000	0	0
05/15/95	61.07	31.66		1929		0.000000	0	0
05/16/95	81.66	6.66		2011		0.000000	0	0
05/17/95	78.39	16.67		2089		0.000000	0	0
05/18/95	58.33	15.00		2147		0.000000	0	0
05/19/95	73.74	15.00		2221		0.000000	0	0
05/20/95	31.66	18.33		2253		0.000000	0	0
05/21/95	56.66	8.33		2310		0.000000	0	0
05/22/95	87.92		79.58	2397	30 day production	0.000000	0	0
05/23/95	16.67	16.66	78.17	2414	Assume Gas Venting Starts.	0.979900	16	16
05/24/95	56.65	15.00	77.39	2471		0.979900	56	72
05/25/95	77.94	10.00	77.54	2549		0.979900	76	148
05/26/95	36.01		76.19	2585		0.979900	35	184
05/27/95	60.00		75.55	2645		0.979900	59	242
05/28/95	50.81	8.33	74.75	2696		0.979900	50	292
05/29/95	0.00	16.65	72.02	2696		0.979900	0	292
05/30/95	1.66	3.33	69.64	2697		0.979900	2	294
05/31/95	8.33		67.00	2706		0.979900	8	302
06/01/95	16.65		64.39	2722		0.979900	16	318
06/02/95	53.30		63.23	2775		0.979900	52	370
06/03/95	75.00	11.67	62.74	2850		0.979900	73	444
06/04/95	83.32	5.00	61.63	2934		0.979900	82	526
06/05/95	43.32		60.13	2977		0.979900	42	568
06/06/95	69.97		60.38	3047		0.979900	69	637
06/07/95	43.32	18.33	59.16	3090		0.979900	42	679
06/08/95	50.00	8.33	57.83	3140		0.979900	49	728
06/09/95	59.26	6.66	56.64	3200		0.979900	58	786
06/10/95	38.74	10.00	54.89	3238		0.979900	38	824
06/11/95	33.32	1.66	53.33	3272		0.979900	33	857
06/12/95	49.99	13.33	52.28	3322		0.979900	49	906
06/13/95	48.34		50.07	3370		0.979900	47	953
06/14/95	46.66		49.59	3417		0.979900	46	999
06/15/95	38.33	6.67	48.14	3455		0.979900	38	1036
06/16/95	45.00		47.03	3500		0.979900	44	1080
06/17/95	44.98		46.59	3545		0.979900	44	1125
06/18/95	41.64	1.66	45.52	3587		0.979900	41	1165
06/19/95	15.82	11.66	44.99	3602		0.979900	16	1181

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)
06/20/95	36.65	8.34	44.32	3639		0.979900	36	1217
06/21/95	35.40		42.57	3675	60 day production	0.979900	35	1251
06/22/95	31.66	3.33	43.07	3706		0.979900	31	1282
06/23/95	34.98		42.35	3741		0.979900	34	1317
06/24/95	37.91	3.33	41.01	3779		0.979900	37	1354
06/25/95	36.65		41.03	3816		0.979900	36	1390
06/26/95	29.99	3.33	40.03	3846		0.979900	29	1419
06/27/95	40.00		39.67	3886		0.979900	39	1458
06/28/95	35.08	10.00	40.84	3921		0.979900	34	1493
06/29/95	43.38		42.23	3964		0.979900	43	1535
06/30/95	43.38		43.40	4008		0.979900	43	1578
07/01/95	34.99	1.67	44.01	4043		0.979900	34	1612
07/02/95	28.32		43.18	4071		0.979900	28	1640
07/03/95	43.31		42.12	4114		0.979900	42	1682
07/04/95	28.31	3.33	40.29	4142		0.979900	28	1710
07/05/95	20.00	18.33	39.51	4162		0.979900	20	1730
07/06/95	29.65		38.17	4192		0.979900	29	1759
07/07/95	43.32		38.17	4235		0.979900	42	1801
07/08/95	15.83	13.32	37.03	4251		0.979900	16	1817
07/09/95	31.65		36.11	4283		0.979900	31	1848
07/10/95	34.99		35.98	4318		0.979900	34	1882
07/11/95	31.67		35.93	4350		0.979900	31	1913
07/12/95	28.33	6.67	35.21	4378		0.979900	28	1941
07/13/95	23.34		34.37	4401		0.979900	23	1964
07/14/95	39.99		34.15	4441		0.979900	39	2003
07/15/95	32.97		33.97	4474		0.979900	32	2035
07/16/95	31.67	1.67	33.53	4506		0.979900	31	2066
07/17/95	26.66		32.92	4533	Hot Oiled	0.979900	26	2092
07/18/95	0.00		31.53	4533		0.979900	0	2092
07/19/95	48.35		32.61	4581		0.979900	47	2140
07/20/95	43.31		32.84	4624		0.979900	42	2182
07/21/95	33.31		32.77	4658	90 day production	0.979900	33	2215
07/22/95	33.31		32.82	4691		0.979900	33	2247
07/23/95	5.00	21.67	31.82	4696		0.979900	5	2252
07/24/95	32.93		31.66	4729		0.979900	32	2284
07/25/95	34.98		31.60	4764		0.979900	34	2319
07/26/95	24.99		31.43	4789		0.979900	24	2343
07/27/95	34.99		31.27	4824		0.979900	34	2378
07/28/95	18.32	1.67	30.71	4842		0.979900	18	2395
07/29/95	29.99		30.26	4872		0.979900	29	2425
07/30/95	10.00	11.66	29.15	4882		0.979900	10	2435
07/31/95	38.32		29.26	4920		0.979900	38	2472
08/01/95	18.32	6.67	28.93	4939		0.979900	18	2490
08/02/95	33.34		28.59	4972		0.979900	33	2523
08/03/95	25.86		28.51	4998		0.979900	25	2548
08/04/95	24.59	5.00	28.67	5022		0.979900	24	2572
08/05/95	29.99		28.68	5052		0.979900	29	2602
08/06/95	43.33		28.68	5096		0.979900	42	2644
08/07/95	1.67		28.21	5097		0.979900	2	2646
08/08/95	21.66		27.87	5119		0.979900	21	2667
08/09/95	31.65		27.76	5151		0.979900	31	2698
08/10/95	28.31		27.65	5179		0.979900	28	2726
08/11/95	33.31		27.82	5212		0.979900	33	2758
08/12/95	3.33		27.15	5216		0.979900	3	2762
08/13/95	38.34		27.09	5254		0.979900	38	2799
08/14/95	22.51		26.74	5277		0.979900	22	2821
08/15/95	33.31		26.80	5310		0.979900	33	2854
08/16/95	8.33		26.19	5318	r-60.00	0.979900	8	2862
08/17/95	28.32		27.13	5347		0.979900	28	2890
08/18/95	29.97	3.33	26.52	5376		0.979900	29	2919
08/19/95	31.66		26.13	5408		0.979900	31	2950
08/20/95	21.65		25.74	5430		0.979900	21	2971
08/21/95	26.60		25.52	5456		0.979900	26	2997
08/22/95	24.97		26.18	5481		0.979900	24	3022
08/23/95	23.33		25.86	5505		0.979900	23	3045
08/24/95	23.33		25.48	5528		0.979900	23	3068
08/25/95	31.26		25.69	5559		0.979900	31	3098
08/26/95	20.00		25.19	5579		0.979900	20	3118
08/27/95	21.66		25.30	5601		0.979900	21	3139
08/28/95	20.00		24.96	5621		0.979900	20	3159
08/29/95	11.66		25.02	5633		0.979900	11	3170
08/30/95	39.98		25.07	5673		0.979900	39	3209
08/31/95	23.32		25.24	5696		0.979900	23	3232

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)
09/01/95	23.32		24.91	5719		0.979900	23	3255
09/02/95	21.65		24.77	5741		0.979900	21	3276
09/03/95	19.99		24.61	5761		0.979900	20	3296
09/04/95	10.00	20.00	23.95	5771		0.979900	10	3306
09/05/95	26.67		23.39	5798		0.979900	26	3332
09/06/95	9.65		23.66	5807		0.979900	9	3341
09/07/95	29.92		23.93	5837		0.979900	29	3371
09/08/95	23.33		23.66	5860		0.979900	23	3393
09/09/95	22.07		23.45	5883		0.979900	22	3415
09/10/95	19.57		22.99	5902		0.979900	19	3434
09/11/95	19.99		23.55	5922		0.979900	20	3454
09/12/95	20.00		22.93	5942		0.979900	20	3473
09/13/95	19.99		22.85	5962		0.979900	20	3493
09/14/95	18.32		22.35	5980	r-60.00	0.979900	18	3511
09/15/95	20.00		22.74	6000		0.979900	20	3531
09/16/95	19.99		22.46	6020		0.979900	20	3550
09/17/95	20.00	20.00	22.13	6040		0.979900	20	3570
09/18/95	20.00		21.74	6060		0.979900	20	3589
09/19/95	22.11		21.76	6082		0.979900	22	3611
09/20/95	16.67		21.43	6099	Gas Tested @ 21 MSCFPD	0.979900	16	3627
09/21/95	21.67		21.32	6121	GOR @ 0.9799 MSCFG/STB	0.982629	21	3649
09/22/95	21.66		21.26	6142		0.985357	21	3670
09/23/95	15.83		21.01	6158		0.988086	16	3686
09/24/95	16.67		20.52	6175		0.990814	17	3702
09/25/95	20.00		20.52	6195		0.993543	20	3722
09/26/95	21.67		20.52	6217		0.996271	22	3744
09/27/95	19.99		20.52	6237		0.999000	20	3764
09/28/95	26.65		21.02	6263		1.001728	27	3790
09/29/95	21.65		20.41	6285		1.004457	22	3812
09/30/95	28.32		20.58	6313		1.007185	29	3840
10/01/95	10.00	21.67	20.13	6323		1.009914	10	3851
10/02/95	41.30		20.79	6365		1.012642	42	3892
10/03/95	21.65		20.84	6386		1.015371	22	3914
10/04/95	11.67		20.90	6398		1.018099	12	3926
10/05/95	4.99		20.18	6403		1.020828	5	3931
10/06/95	16.66		20.41	6420		1.023556	17	3948
10/07/95	20.00		20.08	6440		1.026285	21	3969
10/08/95	18.32		19.91	6458		1.029013	19	3988
10/09/95	18.33		19.79	6476		1.031742	19	4007
10/10/95	10.01		19.47	6486	r-60.00	1.034470	10	4017
10/11/95	28.32		19.75	6515		1.037199	29	4046
10/12/95	24.98		19.91	6539		1.039927	26	4072
10/13/95	20.00		19.91	6559		1.042656	21	4093
10/14/95	18.32		19.91	6578		1.045384	19	4112
10/15/95	21.66		19.97	6599		1.048113	23	4135
10/16/95	19.99		19.97	6619		1.050841	21	4156
10/17/95	0.00	21.67	19.30	6619		1.053570	0	4156
10/18/95	13.33		19.08	6633		1.056298	14	4170
10/19/95	26.67	1.67	19.23	6659		1.059027	28	4198
10/20/95	16.73		19.23	6676		1.061755	18	4216
10/21/95	15.01		19.01	6691		1.064484	16	4232
10/22/95	15.00		18.79	6706		1.067213	16	4248
10/23/95	25.00		19.10	6731		1.069941	27	4275
10/24/95	21.67		19.26	6753		1.072670	23	4298
10/25/95	34.99		19.76	6788		1.075398	38	4336
10/26/95	21.67		19.76	6810		1.078127	23	4359
10/27/95	2.49		19.18	6812		1.080855	3	4362
10/28/95	24.98		19.12	6837		1.083584	27	4389
10/29/95	13.33		18.85	6850		1.086312	14	4403
10/30/95	13.32		18.35	6864		1.089041	15	4418
10/31/95	24.99		18.85	6889		1.091769	27	4445
11/01/95	19.98		18.14	6909		1.094498	22	4467
11/02/95	15.00		17.91	6924		1.097226	16	4484
11/03/95	0.00	10.01	17.52	6924		1.099955	0	4484
11/04/95	21.67		18.08	6945		1.102683	24	4507
11/05/95	17.11		18.10	6962		1.105412	19	4526
11/06/95	21.65		18.15	6984	r-60	1.108140	24	4550
11/07/95	16.66		18.10	7001		1.110869	19	4569
11/08/95	15.00		17.98	7016		1.113597	17	4586
11/09/95	9.99		17.98	7026		1.116326	11	4597
11/10/95	11.67		17.43	7037		1.119054	13	4610
11/11/95	20.00		17.26	7057		1.121783	22	4632
11/12/95	16.66		17.15	7074		1.124511	19	4651

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)
11/13/95	28.32		17.48	7102		1.127240	32	4683
11/14/95	21.66		17.48	7124		1.129968	24	4707
11/15/95	19.99		17.48	7144		1.132697	23	4730
11/16/95	16.66		18.04	7161		1.135425	19	4749
11/17/95	15.00		18.10	7176		1.138154	17	4766
11/18/95	14.99		17.71	7191		1.140882	17	4783
11/19/95	19.99		17.82	7211		1.143611	23	4806
11/20/95	20.01		17.98	7231		1.146339	23	4829
11/21/95	18.33		18.09	7249		1.149068	21	4850
11/22/95	18.76		17.88	7268		1.151797	22	4872
11/23/95	13.34		17.61	7281		1.154525	15	4887
11/24/95	20.00		17.11	7301		1.157254	23	4910
11/25/95	13.33		16.83	7314		1.159982	15	4926
11/26/95	18.33		17.36	7333		1.162711	21	4947
11/27/95	16.66		17.08	7349		1.165439	19	4966
11/28/95	5.83		16.83	7355		1.168168	7	4973
11/29/95	15.00		16.89	7370		1.170896	18	4991
11/30/95	23.32		16.83	7394		1.173625	27	5018
12/01/95	16.66		16.72	7410		1.176353	20	5038
12/02/95	18.32		16.83	7429		1.179082	22	5059
12/03/95	14.99		17.33	7444		1.181810	18	5077
12/04/95	18.32		17.22	7462		1.184539	22	5099
12/05/95	26.66		17.54	7489		1.187267	32	5130
12/06/95	3.33		16.93	7492	r-69.97	1.189996	4	5134
12/07/95	3.33		16.48	7495		1.192724	4	5138
12/08/95	0.00	28.67	15.98	7495		1.195453	0	5138
12/09/95	15.00		16.15	7510		1.198181	18	5156
12/10/95	15.00	1.67	16.26	7525		1.200910	18	5174
12/11/95	19.60		16.25	7545		1.203638	24	5198
12/12/95	18.33		16.30	7563		1.206367	22	5220
12/13/95	18.32		15.97	7581		1.209095	22	5242
12/14/95	18.66		15.87	7600		1.211824	23	5265
12/15/95	15.00		15.70	7615		1.214552	18	5283
12/16/95	13.33		15.59	7628		1.217281	16	5299
12/17/95	19.99		15.76	7648		1.220009	24	5324
12/18/95	16.66		15.81	7665		1.222738	20	5344
12/19/95	13.33		15.59	7678		1.225466	16	5360
12/20/95	18.32		15.54	7697		1.228195	23	5383
12/21/95	8.33	10.00	15.20	7705		1.230924	10	5393
12/22/95	13.33		15.02	7718		1.233652	16	5409
12/23/95	14.99		15.08	7733		1.236381	19	5428
12/24/95	15.00		14.91	7748		1.239109	19	5447
12/25/95	14.99		14.96	7763		1.241838	19	5465
12/26/95	15.00		14.85	7778		1.244566	19	5484
12/27/95	13.33		14.74	7792		1.247295	17	5500
12/28/95	18.34		15.16	7810		1.250023	23	5523
12/29/95	15.42	1.67	15.17	7825		1.252752	19	5543
12/30/95	18.33		15.01	7844		1.255480	23	5566
12/31/95	15.00		14.95	7859		1.258209	19	5585
01/01/96	16.67		14.90	7875		1.260937	21	5606
01/02/96	16.66		14.95	7892		1.263666	21	5627
01/03/96	15.00		14.84	7907		1.266394	19	5646
01/04/96	0.00		13.95	7907	r-56.66	1.269123	0	5646
01/05/96	25.00		14.68	7932	r-3.33	1.271851	32	5677
01/06/96	18.32		15.18	7950		1.274580	23	5701
01/07/96	13.32	6.67	15.62	7964		1.277308	17	5718
01/08/96	21.67		15.84	7985		1.280037	28	5746
01/09/96	16.66	11.67	15.90	8002		1.282765	21	5767
01/10/96	16.65		15.80	8019		1.285494	21	5788
01/11/96	19.17		15.83	8038		1.288222	25	5813
01/12/96	13.32		15.66	8051		1.290951	17	5830
01/13/96	16.66		15.59	8068		1.293679	22	5852
01/14/96	15.01		15.59	8083		1.296408	19	5871
01/15/96	16.66		15.70	8100		1.299136	22	5893
01/16/96	16.67	13.33	15.59	8116		1.301865	22	5915
01/17/96	14.99		15.54	8131		1.304593	20	5934
01/18/96	11.66		15.48	8143		1.307322	15	5949
01/19/96	18.75		15.50	8162		1.310050	25	5974
01/20/96	11.66		15.61	8173		1.312779	15	5989
01/21/96	18.33		15.77	8192		1.315508	24	6013
01/22/96	14.99		15.77	8207		1.318236	20	6033
01/23/96	15.00		15.77	8222		1.320965	20	6053
01/24/96	11.66		15.66	8233		1.323693	15	6068

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)
01/25/96	16.66		15.72	8250		1.326422	22	6090
01/26/96	6.66	6.67	15.50	8257		1.329150	9	6099
01/27/96	19.99		15.55	8277		1.331879	27	6126
01/28/96	11.67		15.43	8288		1.334607	16	6142
01/29/96	14.99		15.32	8303		1.337336	20	6162
01/30/96	13.33		15.26	8317		1.340064	18	6179
01/31/96	14.99		15.20	8332		1.342793	20	6200
02/01/96	13.33		15.09	8345		1.345521	18	6217
02/02/96	0.00		14.59	8345	r-39.99	1.348250	0	6217
02/03/96	13.34	5.00	15.04	8358	r-19.99	1.350978	18	6236
02/04/96	6.66		14.43	8365		1.353707	9	6245
02/05/96	21.67		14.54	8387		1.356435	29	6274
02/06/96	16.70	10.00	14.65	8403		1.359164	23	6297
02/07/96	18.34		14.54	8422		1.361892	25	6322
02/08/96	15.01		14.48	8437		1.364621	20	6342
02/09/96	19.99		14.60	8457		1.367349	27	6369
02/10/96	15.00		14.46	8472		1.370078	21	6390
02/11/96	13.33		14.46	8485		1.372806	18	6408
02/12/96	15.00		14.40	8500		1.375535	21	6429
02/13/96	16.66		14.46	8517		1.378263	23	6452
02/14/96	8.34	5.00	14.18	8525		1.380992	12	6463
02/15/96	14.99		14.12	8540		1.383720	21	6484
02/16/96	14.99		14.12	8555		1.386449	21	6505
02/17/96	16.66		14.29	8572		1.389177	23	6528
02/18/96	13.32		14.11	8585		1.391906	19	6547
02/19/96	11.66		14.11	8597		1.394634	16	6563
02/20/96	14.99		14.00	8612		1.397363	21	6584
02/21/96	14.99		14.00	8627		1.400092	21	6605
02/22/96	13.33		13.94	8640		1.402820	19	6623
02/23/96	15.00		14.05	8655		1.405549	21	6645
02/24/96	16.67		14.05	8672		1.408277	23	6668
02/25/96	12.50	18.34	14.25	8684		1.411006	18	6686
02/26/96	13.33		14.03	8697		1.413734	19	6705
02/27/96	13.32		14.08	8711		1.416463	19	6723
02/28/96	15.00		14.08	8726		1.419191	21	6745
02/29/96	13.33		14.08	8739		1.421920	19	6764
03/01/96	14.99		14.08	8754		1.424648	21	6785
03/02/96	16.66		14.19	8771		1.427377	24	6809
03/03/96	15.83		14.72	8786		1.430105	23	6831
03/04/96	11.67		14.66	8798		1.432834	17	6848
03/05/96	13.32		14.89	8811		1.435562	19	6867
03/06/96	0.00		14.16	8811	r-58.31	1.438291	0	6867
03/07/96	15.00	6.66	14.11	8826	r-1.66	1.441019	22	6889
03/08/96	18.32		14.11	8845		1.443748	26	6915
03/09/96	16.66		14.16	8861		1.446476	24	6939
03/10/96	16.66		14.05	8878		1.449205	24	6964
03/11/96	15.00		14.05	8893		1.451933	22	6985
03/12/96	14.99		14.11	8908		1.454662	22	7007
03/13/96	15.00		14.11	8923		1.457390	22	7029
03/14/96	13.34		14.00	8936		1.460119	19	7048
03/15/96	15.00		14.22	8951		1.462847	22	7070
03/16/96	17.51		14.30	8969		1.465576	26	7096
03/17/96	11.67	10.00	14.19	8981		1.468304	17	7113
03/18/96	11.67		14.02	8992		1.471033	17	7130
03/19/96	15.00		14.08	9007		1.473761	22	7152
03/20/96	13.33		14.14	9021		1.476490	20	7172
03/21/96	13.33		14.08	9034		1.479218	20	7192
03/22/96	15.00		14.08	9049		1.481947	22	7214
03/23/96	13.33		14.08	9062		1.484676	20	7234
03/24/96	13.33		14.03	9076		1.487404	20	7254
03/25/96	10.00	3.33	13.80	9086		1.490133	15	7269
03/26/96	11.66		13.78	9097		1.492861	17	7286
03/27/96	13.32		13.77	9111		1.495590	20	7306
03/28/96	14.99		13.83	9126		1.498318	22	7328
03/29/96	14.99		13.83	9141		1.501047	23	7351
03/30/96	11.66		13.77	9152		1.503775	18	7368
03/31/96	13.33		13.72	9166		1.506504	20	7389
04/01/96	13.32		13.61	9179		1.509232	20	7409
04/02/96	11.66		13.47	9191		1.511961	18	7426
04/03/96	0.00		13.08	9191	r-59.96	1.514689	0	7426
04/04/96	8.34	15.00	12.91	9199		1.517418	13	7439
04/05/96	16.67		13.47	9216		1.520146	25	7464
04/06/96	10.00	6.66	13.30	9226		1.522875	15	7479

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	14.99		13.19	9241		1.525603	23	7502
04/08/96	13.33		13.08	9254		1.528332	20	7523
04/09/96	14.99		13.03	9269		1.531060	23	7546
04/10/96	13.33		12.97	9282		1.533789	20	7566
04/11/96	13.33		12.91	9296		1.536517	20	7587
04/12/96	14.99		12.91	9310		1.539246	23	7610
04/13/96	11.67		12.86	9322		1.541974	18	7628
04/14/96	8.33	4.99	12.64	9330		1.544703	13	7641
04/15/96	11.66		12.44	9342		1.547431	18	7659
04/16/96	14.99		12.55	9357		1.550160	23	7682
04/17/96	15.00		12.66	9372		1.552888	23	7705
04/18/96	13.32		12.61	9385		1.555617	21	7726
04/19/96	13.33		12.61	9399		1.558345	21	7747
04/20/96	13.33		12.61	9412		1.561074	21	7767
04/21/96	13.34		12.55	9425		1.563803	21	7788
04/22/96	13.33		12.55	9439		1.566531	21	7809
04/23/96	1.67	10.00	12.16	9440		1.569260	3	7812
04/24/96	14.58		12.32	9455		1.571988	23	7835
04/25/96	11.68		12.32	9467		1.574717	18	7853
04/26/96	11.67		12.26	9478		1.577445	18	7872
04/27/96	13.33		12.21	9492		1.580174	21	7893
04/28/96	15.00		12.21	9507		1.582902	24	7916
04/29/96	11.66		12.21	9518		1.585631	18	7935
04/30/96	11.67		12.15	9530		1.588359	19	7953
05/01/96	15.00		12.21	9545		1.591088	24	7977
05/02/96	14.99		12.32	9560		1.593816	24	8001
05/03/96	10.00		12.65	9570		1.596545	16	8017
05/04/96	11.67		12.76	9582		1.599273	19	8036
05/05/96	8.32	5.00	12.48	9590		1.602002	13	8049
05/06/96	14.99		12.65	9605		1.604730	24	8073
05/07/96	0.00		12.15	9605	r-53.31	1.607459	0	8073
05/08/96	14.99		12.21	9620	r-6.66	1.610187	24	8097
05/09/96	16.66		12.26	9637		1.612916	27	8124
05/10/96	16.65		12.37	9653		1.615644	27	8151
05/11/96	14.99		12.43	9668		1.618373	24	8175
05/12/96	15.00		12.43	9683		1.621101	24	8200
05/13/96	11.67		12.43	9695		1.623830	19	8219
05/14/96	1.66	11.67	12.21	9697		1.626558	3	8221
05/15/96	13.34		12.26	9710		1.629287	22	8243
05/16/96	14.16		12.23	9724		1.632015	23	8266
05/17/96	11.66		12.12	9736		1.634744	19	8285
05/18/96	14.99		12.18	9751		1.637472	25	8310
05/19/96	11.66		12.12	9762		1.640201	19	8329
05/20/96	13.33		12.12	9776		1.642929	22	8351
05/21/96	13.33		12.12	9789		1.645658	22	8373
05/22/96	14.16		12.15	9803		1.648387	23	8396
05/23/96	13.33		12.54	9817		1.651115	22	8418
05/24/96	13.33		12.50	9830		1.653844	22	8440
05/25/96	13.33		12.55	9843		1.656572	22	8462
05/26/96	11.66		12.55	9855		1.659301	19	8481
05/27/96	5.00	6.66	12.27	9860		1.662029	8	8490
05/28/96	13.32		12.22	9873		1.664758	22	8512
05/29/96	11.67		12.22	9885		1.667486	19	8531
05/30/96	13.32		12.27	9898		1.670215	22	8554
05/31/96	11.67		12.16	9910		1.672943	20	8573
06/01/96	11.66		12.05	9922		1.675672	20	8593
06/02/96	11.66		12.11	9933		1.678400	20	8612
06/03/96	13.33		12.16	9947		1.681129	22	8635
06/04/96	0.00	6.66	11.88	9947	R-46.65	1.683857	0	8635
06/05/96	5.00	3.34	11.55	9952	R-13.33	1.686586	8	8643
06/06/96	15.01		12.05	9967		1.689314	25	8669
06/07/96	15.01		12.05	9982		1.692043	25	8694
06/08/96	13.33		11.94	9995		1.694771	23	8716
06/09/96	16.25		11.93	10011		1.697500	28	8744
06/10/96	11.66		11.82	10023		1.700228	20	8764
06/11/96	11.67		11.71	10034		1.702957	20	8784
06/12/96	13.33		11.76	10048		1.705685	23	8807
06/13/96	11.67		12.09	10059		1.708414	20	8826
06/14/96	11.66		12.04	10071		1.711142	20	8846
06/15/96	13.33		12.01	10084		1.713871	23	8869
06/16/96	6.67	6.66	11.84	10091		1.716599	11	8881
06/17/96	11.66		11.73	10103		1.719328	20	8901
06/18/96	11.66		11.73	10114		1.722056	20	8921

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)
06/19/96	11.66		11.68	10126		1.724785	20	8941
06/20/96	11.65		11.62	10138		1.727513	20	8961
06/21/96	6.67	4.99	11.37	10144		1.730242	12	8973
06/22/96	11.66		11.32	10156		1.732971	20	8993
06/23/96	10.83		11.23	10167		1.735699	19	9012
06/24/96	11.66		11.18	10179		1.738428	20	9032
06/25/96	17.07		11.36	10196		1.741156	30	9062
06/26/96	6.67		11.41	10202		1.743885	12	9073
06/27/96	11.66		11.36	10214		1.746613	20	9094
06/28/96	5.00	6.66	11.14	10219		1.749342	9	9102
06/29/96	11.66		11.08	10231		1.752070	20	9123
06/30/96	9.99		11.02	10241		1.754799	18	9140
07/01/96	11.67		11.03	10252		1.757527	21	9161
07/02/96	0.00		10.64	10252	r-29.99	1.760256	0	9161
07/03/96	9.99		10.53	10262	r-29.99	1.762984	18	9178
07/04/96	8.33	10.00	10.80	10271		1.765713	15	9193
07/05/96	11.66	3.34	11.02	10282		1.768441	21	9214
07/06/96	14.58		11.01	10297		1.771170	26	9240
07/07/96	14.16		10.98	10311		1.773898	25	9265
07/08/96	13.33		10.98	10324		1.776627	24	9288
07/09/96	10.00		10.77	10334		1.779355	18	9306
07/10/96	13.33		10.83	10348		1.782084	24	9330
07/11/96	15.00		10.94	10363		1.784812	27	9357
07/12/96	8.33		10.77	10371		1.787541	15	9372
07/13/96	16.67		10.94	10388		1.790269	30	9401
07/14/96	14.99		11.05	10403		1.792998	27	9428
07/15/96	11.66		11.00	10414		1.795726	21	9449
07/16/96	3.33	8.33	10.88	10418		1.798455	6	9455
07/17/96	9.99		10.83	10428		1.801183	18	9473
07/18/96	11.66		10.83	10439		1.803912	21	9494
07/19/96	6.66	6.67	10.66	10446		1.806640	12	9506
07/20/96	14.58		10.76	10461		1.809369	26	9533
07/21/96	11.66		10.93	10472		1.812097	21	9554
07/22/96	8.33		10.82	10481		1.814826	15	9569
07/23/96	11.24		10.83	10492		1.817555	20	9589
07/24/96	10.00		10.77	10502		1.820283	18	9608
07/25/96	11.66		10.59	10513		1.823012	21	9629
07/26/96	11.66		10.76	10525		1.825740	21	9650
07/27/96	11.67		10.76	10537		1.828469	21	9671
07/28/96	11.66		10.98	10548		1.831197	21	9693
07/29/96	9.99		10.93	10558		1.833926	18	9711
07/30/96	11.67		10.98	10570		1.836654	21	9733
07/31/96	8.33		10.87	10578		1.839383	15	9748
08/01/96	6.66	5.00	11.09	10585		1.842111	12	9760
08/02/96	8.33		11.04	10593		1.844840	15	9776
08/03/96	11.66		11.15	10605		1.847568	22	9797
08/04/96	13.33		11.20	10618		1.850297	25	9822
08/05/96	1.67	6.66	10.77	10620		1.853025	3	9825
08/06/96	9.59		10.62	10630		1.855754	18	9843
08/07/96	10.00		10.51	10640		1.858482	19	9861
08/08/96	10.01		10.51	10650		1.861211	19	9880
08/09/96	12.91		10.50	10663		1.863939	24	9904
08/10/96	10.00		10.33	10673		1.866668	19	9923
08/11/96	11.66		10.44	10684		1.869396	22	9944
08/12/96	13.34		10.33	10698		1.872125	25	9969
08/13/96	8.33		10.11	10706		1.874853	16	9985
08/14/96	10.00		10.05	10716		1.877582	19	10004
08/15/96	9.99		10.27	10726		1.880310	19	10022
08/16/96	0.00		9.94	10726	r-55.00	1.883039	0	10022
08/17/96	16.67		10.11	10743	r-4.99	1.885767	31	10054
08/18/96	10.01	6.65	10.22	10753		1.888496	19	10073
08/19/96	13.31		10.18	10766		1.891224	25	10098
08/20/96	14.99		10.29	10781		1.893953	28	10126
08/21/96	13.32		10.46	10794		1.896682	25	10152
08/22/96	0.00	8.33	10.08	10794	drain treater/transfer oil to prod tank	1.899410	0	10152
08/23/96	42.91		11.18	10837		1.902139	82	10233
08/24/96	18.32		11.40	10855		1.904867	35	10268
08/25/96	15.00		11.51	10870		1.907596	29	10297
08/26/96	9.99		11.46	10880		1.910324	19	10316
08/27/96	16.66		11.62	10897		1.913053	32	10348
08/28/96	10.00		11.62	10907		1.915781	19	10367
08/29/96	10.00		11.57	10917		1.918510	19	10386
08/30/96	9.99		11.62	10927		1.921238	19	10405

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)
08/31/96	10.00		11.73	10937		1.923967	19	10425
09/01/96	9.99		11.79	10947		1.926695	19	10444
09/02/96	15.00		11.90	10962		1.929424	29	10473
09/03/96	3.33	11.66	11.57	10965		1.932152	6	10479
09/04/96	10.00		11.84	10975		1.934881	19	10498
09/05/96	4.99	5.00	11.69	10980		1.937609	10	10508
09/06/96	8.33		11.64	10989		1.940338	16	10524
09/07/96	5.00		11.47	10994		1.943066	10	10534
09/08/96	4.99		11.20	10999		1.945795	10	10544
09/09/96	11.67		11.26	11010		1.948523	23	10566
09/10/96	14.16		11.34	11025		1.951252	28	10594
09/11/96	15.00		11.40	11040		1.953980	29	10623
09/12/96	11.67		11.51	11051		1.956709	23	10646
09/13/96	9.99		11.51	11061		1.959437	20	10666
09/14/96	6.67		11.40	11068		1.962166	13	10679
09/15/96	10.00		11.73	11078		1.964894	20	10699
09/16/96	11.66		11.57	11090		1.967623	23	10722
09/17/96	11.67		11.62	11101		1.970351	23	10745
09/18/96	11.66		11.57	11113		1.973080	23	10768
09/19/96	6.66		11.29	11120		1.975808	13	10781
09/20/96	9.99		11.18	11130	Hot oiled 59.97 bbls	1.978537	20	10800
09/21/96	0.00		11.18	11130	r-53.31	1.981266	0	10800
09/22/96	0.00	13.32	9.75	11130	r-1.67	1.983994	0	10800
09/23/96	6.67		9.36	11136	r-4.99	1.986723	13	10814
09/24/96	11.65		9.25	11148		1.989451	23	10837
09/25/96	6.67	4.99	9.14	11155		1.992180	13	10850
09/26/96	9.99		8.91	11164		1.994908	20	10870
09/27/96	10.00		8.91	11174		1.997637	20	10890
09/28/96	11.66		8.97	11186		2.000365	23	10913
09/29/96	0.00		8.64	11186	down sparkplug	2.003094	0	10913
09/30/96	18.33		8.91	11204		2.005822	37	10950
10/01/96	13.32		9.02	11218		2.008551	27	10977
10/02/96	6.67		8.75	11224		2.011279	13	10990
10/03/96	9.99		8.97	11234		2.014008	20	11010
10/04/96	10.00		8.97	11244		2.016736	20	11031
10/05/96	11.66		9.19	11256		2.019465	24	11054
10/06/96	9.58		9.23	11266		2.022193	19	11074
10/07/96	10.00		9.40	11276		2.024922	20	11094
10/08/96	11.66		9.62	11287		2.027650	24	11117
10/09/96	10.00		9.57	11297		2.030379	20	11138
10/10/96	8.33		9.37	11306		2.033107	17	11155
10/11/96	8.33		9.15	11314		2.035836	17	11172
10/12/96	11.66		9.15	11326		2.038564	24	11195
10/13/96	11.66		9.20	11337		2.041293	24	11219
10/14/96	0.00	10.00	8.98	11337		2.044021	0	11219
10/15/96	10.00		8.98	11347		2.046750	20	11240
10/16/96	11.66		8.98	11359		2.049478	24	11264
10/17/96	3.33		8.70	11362	Hot oiled 59.98 bbls	2.052207	7	11270
10/18/96	0.00		8.32	11362	r-34.99	2.054935	0	11270
10/19/96	0.00		8.09	11362	r-24.99	2.057664	0	11270
10/20/96	11.66	8.33	8.15	11374		2.060392	24	11294
10/21/96	9.59		8.47	11384		2.063121	20	11314
10/22/96	10.00		8.80	11394		2.065850	21	11335
10/23/96	16.17		9.12	11410		2.068578	33	11368
10/24/96	13.33		9.18	11423		2.071307	28	11396
10/25/96	11.66		9.34	11435		2.074035	24	11420
10/26/96	8.33		9.29	11443		2.076764	17	11437
10/27/96	11.67		9.34	11455		2.079492	24	11462
10/28/96	10.00		9.29	11465		2.082221	21	11482
10/29/96	9.99		9.62	11475		2.084949	21	11503
10/30/96	8.34		9.29	11483		2.087678	17	11521
10/31/96	13.33		9.29	11496		2.090406	28	11549
11/01/96	9.99		9.40	11506		2.093135	21	11570
11/02/96	11.66		9.45	11518		2.095863	24	11594
11/03/96	9.99		9.45	11528		2.098592	21	11615
11/04/96	3.34		9.18	11531		2.101320	7	11622
11/05/96	11.65		9.24	11543		2.104049	25	11646
11/06/96	0.00	10.00	8.91	11543		2.106777	0	11646
11/07/96	11.66		8.91	11555		2.109506	25	11671
11/08/96	6.67		8.80	11561		2.112234	14	11685
11/09/96	6.66		8.74	11568		2.114963	14	11699
11/10/96	11.66		8.86	11580		2.117691	25	11724
11/11/96	9.99		8.80	11590		2.120420	21	11745

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)
11/12/96	6.66		8.63	11596		2.123148	14	11759
11/13/96	11.67		9.02	11608		2.125877	25	11784
11/14/96	5.00		8.86	11613	Hot oiled 59.97 bbls	2.128605	11	11795
11/15/96	0.00		8.47	11613	r-38.31	2.131334	0	11795
11/16/96	3.33		8.47	11616	r-21.66	2.134062	7	11802
11/17/96	8.34	10.00	8.74	11625		2.136791	18	11820
11/18/96	8.33		9.02	11633		2.139519	18	11837
11/19/96	18.32		9.24	11651		2.142248	39	11877
11/20/96	26.66		9.81	11678		2.144976	57	11934
11/21/96	0.00		9.48	11678	pumping no production	2.147705	0	11934
11/22/96	4.17		9.08	11682		2.150434	9	11943
11/23/96	10.00		8.97	11692		2.153162	22	11964
11/24/96	11.66		8.97	11704		2.155891	25	11989
11/25/96	11.66		9.08	11715		2.158619	25	12015
11/26/96	11.66		9.08	11727		2.161348	25	12040
11/27/96	1.67		8.80	11729		2.164076	4	12043
11/28/96	11.66		8.86	11740		2.166805	25	12069
11/29/96	11.66		8.97	11752		2.169533	25	12094
11/30/96	10.00		8.86	11762		2.172262	22	12116
12/01/96	8.33		8.80	11770		2.174990	18	12134
12/02/96	9.99		8.75	11780		2.177719	22	12156
12/03/96	10.00		8.75	11790		2.180447	22	12177
12/04/96	8.33		8.91	11799		2.183176	18	12196
12/05/96	10.00		8.86	11809		2.185904	22	12217
12/06/96	11.66		9.25	11820		2.188633	26	12243
12/07/96	1.67		8.91	11822		2.191361	4	12247
12/08/96	10.00		9.02	11832		2.194090	22	12269
12/09/96	8.33		9.08	11840		2.196818	18	12287
12/10/96	10.00		9.03	11850	Hot oiled 59.98 bbls	2.199547	22	12309
12/11/96	0.00	8.33	8.69	11850	r-29.99	2.202275	0	12309
12/12/96	3.33		8.58	11854	r-29.99	2.205004	7	12316
12/13/96	5.00	10.00	8.36	11859		2.207732	11	12327
12/14/96	10.00		8.53	11869		2.210461	22	12349
12/15/96	13.34		8.97	11882		2.213189	30	12379
12/16/96	5.00	5.00	9.03	11887		2.215918	11	12390
12/17/96	9.16		9.05	11896		2.218646	20	12410
12/18/96	10.00		9.11	11906		2.221375	22	12433
12/19/96	10.00		8.83	11916		2.224103	22	12455
12/20/96	10.00		8.28	11926		2.226832	22	12477
12/21/96	10.00		8.61	11936		2.229561	22	12499
12/22/96	10.83		8.83	11947		2.232289	24	12524
12/23/96	6.66		8.72	11954		2.235018	15	12538
12/24/96	10.00		8.66	11964		2.237746	22	12561
12/25/96	10.00		8.61	11974		2.240475	22	12583
12/26/96	6.66		8.44	11980		2.243203	15	12598
12/27/96	9.99		8.72	11990		2.245932	22	12621
12/28/96	6.66		8.55	11997		2.248660	15	12636
12/29/96	11.66		8.55	12009		2.251389	26	12662
12/30/96	6.67		8.44	12015		2.254117	15	12677
12/31/96	9.99		8.50	12025		2.256846	23	12699
01/01/97	6.66		8.39	12032		2.259574	15	12714
01/02/97	3.33	8.33	8.16	12035		2.262303	8	12722
01/03/97	10.00		8.22	12045		2.265031	23	12745
01/04/97	8.32		8.16	12054		2.267760	19	12763
01/05/97	10.00		8.11	12064		2.270488	23	12786
01/06/97	6.60		8.27	12070		2.273217	15	12801
01/07/97	6.67		8.16	12077		2.275945	15	12816
01/08/97	8.33		8.16	12085		2.278674	19	12835
01/09/97	8.34		8.11	12094		2.281402	19	12854
01/10/97	0.00	11.67	8.11	12094		2.284131	0	12854
01/11/97	12.07		8.40	12106		2.286859	28	12882
01/12/97	10.00		8.56	12116		2.289588	23	12905
01/13/97	6.66		8.45	12122		2.292316	15	12920
01/14/97	8.33		8.29	12131		2.295045	19	12939
01/15/97	6.67		8.34	12137		2.297773	15	12955
01/16/97	5.00		8.20	12142	Hot oiled 59.98 bbls	2.300502	12	12966
01/17/97	0.00		7.87	12142	r-58.31	2.303230	0	12966
01/18/97	14.99		8.04	12157	r-1.67	2.305959	35	13001
01/19/97	11.66		8.09	12169		2.308687	27	13028
01/20/97	13.33		8.20	12182		2.311416	31	13058
01/21/97	8.33		8.12	12191		2.314145	19	13078
01/22/97	11.66		8.29	12202		2.316873	27	13105
01/23/97	11.66		8.34	12214		2.319602	27	13132

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)
01/24/97	8.33		8.29	12222		2.322330	19	13151
01/25/97	6.67		8.29	12229		2.325059	16	13167
01/26/97	5.00		8.12	12234		2.327787	12	13178
01/27/97	14.99		8.40	12249		2.330516	35	13213
01/28/97	8.33		8.29	12257		2.333244	19	13233
01/29/97	6.66		8.29	12264		2.335973	16	13248
01/30/97	8.33		8.23	12272		2.338701	19	13268
01/31/97	6.67		8.23	12279		2.341430	16	13283
02/01/97	14.99		8.62	12294		2.344158	35	13318
02/02/97	8.33		8.56	12302		2.346887	20	13338
02/03/97	3.33		8.40	12306		2.349615	8	13346
02/04/97	8.33		8.34	12314		2.352344	20	13365
02/05/97	5.00		8.29	12319		2.355072	12	13377
02/06/97	5.00		8.23	12324		2.357801	12	13389
02/07/97	3.34	16.66	8.07	12327		2.360529	8	13397
02/08/97	5.00		7.96	12332		2.363258	12	13409
02/09/97	13.33		8.40	12346		2.365986	32	13440
02/10/97	1.67		8.05	12347		2.368715	4	13444
02/11/97	9.99		8.04	12357		2.371443	23	13467
02/12/97	10.00		8.15	12367		2.374172	24	13491
02/13/97	13.34		8.32	12380	R-21.66 H2O	2.376900	32	13522
02/14/97	1.67		8.15	12382		2.379629	4	13526
02/15/97	3.33		8.10	12385	R-16.66 H2O	2.382357	8	13534
02/16/97	3.33		8.21	12389		2.385086	8	13542
02/17/97	6.66		7.93	12395		2.387814	16	13558
02/18/97	11.67		7.93	12407	R-8.33 H2O	2.390543	28	13586
02/19/97	11.66		7.87	12419		2.393271	28	13614
02/20/97	10.00		7.93	12429	Gas Tested @ 19 MSCFPD	2.396000	24	13638
02/21/97	5.00		7.71	12434	GOR @ 2.3960 MSCFG/STB	2.424157	12	13650
02/22/97	1.67		7.37	12435		2.452313	4	13654
02/23/97	3.33		7.21	12439		2.480470	8	13662
02/24/97	6.67		7.21	12445		2.508627	17	13679
02/25/97	13.33		7.49	12459	R-6.66 H2O	2.536783	34	13713
02/26/97	6.66		7.21	12465		2.564940	17	13730
02/27/97	8.34		7.21	12474		2.593097	22	13752
02/28/97	6.66		7.21	12480		2.621253	17	13769
03/01/97	8.33		7.21	12489		2.649410	22	13791
03/02/97	9.99		7.32	12499		2.677567	27	13818
03/03/97	6.67		7.04	12505		2.705723	18	13836
03/04/97	3.33		6.87	12509		2.733880	9	13845
03/05/97	6.66		6.99	12515		2.762037	18	13863
03/06/97	8.33		6.99	12524		2.790193	23	13887
03/07/97	8.33		7.10	12532		2.818350	23	13910
03/08/97	6.66		7.15	12539		2.846507	19	13929
03/09/97	8.33		7.32	12547		2.874663	24	13953
03/10/97	8.32		7.43	12555		2.902820	24	13977
03/11/97	0.00	6.67	6.98	12555		2.930977	0	13977
03/12/97	1.67		6.98	12557		2.959133	5	13982
03/13/97	3.33		6.78	12560		2.987290	10	13992
03/14/97	3.33		6.55	12563		3.015447	10	14002
03/15/97	14.99	3.33	6.61	12578		3.043603	46	14048
03/16/97	8.33		6.83	12587		3.071760	26	14073
03/17/97	6.67		6.94	12593		3.099917	21	14094
03/18/97	3.33		6.94	12597		3.128073	10	14104
03/19/97	8.34		7.00	12605		3.156230	26	14131
03/20/97	3.33		6.72	12608		3.184387	11	14141
03/21/97	3.34	8.33	6.44	12612		3.212543	11	14152
03/22/97	11.25		6.48	12623	Gas Tested @ 21 MSCFPD	3.240700	36	14188
03/23/97	9.99		6.65	12633	GOR @ 3.2407 MSCFG/STB	3.240700	32	14221
03/24/97	5.01		6.76	12638		3.240700	16	14237
03/25/97								
03/26/97								
03/27/97								
03/28/97								
03/29/97								
03/30/97								
03/31/97								

Note: 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.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number: See Attached
6. If Indian, Allottee or Tribe Name: n/a
7. Unit Agreement Name: See Attached
8. Well Name and Number: See Attached
9. API Well Number: See Attached
10. Field and Pool, or Wildcat: See Attached
County:
State:

1. Type of Well: OIL GAS OTHER: _____

2. Name of Operator:
Inland Production Company

3. Address and Telephone Number:
475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well
Footages: See Attached Exhibit

OO, Sec., T., R., M.:

RECEIVED
OCT 13 1997

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 16 1997

13. Name & Signature: Chris A. Potter **CHRIS A. POTTER, ATTORNEY-IN-FACT** Date: 9/30/97

(This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ AMERADA GUINAND #1	SWNW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20245-00	UTU016271V	UTU72085A
✓ COYOTE BASIN #1-12	NESE 128S 24E	UINTAH	UT	COYOTE BASIN	43-047-20221-00	UTU58226	UTU72085A
COYOTE BASIN #32-6	6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-31835-00	UTU020309D	UTU72085A
COYOTE BASIN #42-6X	SENE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-32346-00	UTU017439B	UTU72085A
✓ COYOTE BASIN FED. #13-7	NWSW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32255-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #12-13	SWNW 138S 24E	UINTA	UT	COYOTE BASIN	43-047-31266-00		UTU72085A
✓ COYOTE BASIN FEDERAL #13-5	NWSW 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32261-00	UTU063597A	UTU72085A
✓ COYOTE BASIN FEDERAL #13-13	NWSW 138S 24E	UINTAH	UT	COYOTE BASIN	43-047-32196-00	UTU67208	UTU72085A
✓ COYOTE BASIN FEDERAL #21-7	NENW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31673-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #22-7	SENW 7 9S 25E	UINTAH	UT	COYOTE BASIN	43-047-32256-00	UTU41377	UTU72085A
✓ COYOTE BASIN FEDERAL #33-5	NWSE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32257-00	UTU063597A	UTU72085A
✓ COYOTE BASIN FEDERAL #43-12	NESE 128S 24E	UINTA	UT	COYOTE BASIN	43-047-30943-00	UTU038797	UTU72085A
✓ COYOTE FEDERAL #12-5	SWNW 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32253-00	UTU063597A	UTU72085A
✓ COYOTE FEDERAL #21-5	NENW 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32260-00	UTU063597A	UTU72085A
✓ COYOTE FEDERAL #31-7	NWNE 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-32254-00	UTU020309D	UTU72085A
EAST RED WASH #2-5	NWNW 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20252-00	UTU063597A	UTU72085A
✓ EAST RED WASH FED. #1-12	SWNE 128S 24E	UINTA	UT	COYOTE BASIN	43-047-20207-00	UTU038797	UTU72085A
EAST RED WASH FED. #4-6	SWSE 6 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20261-00	UTU020309D	UTU72085A
✓ EAST RED WASH FEDERA #1-13	NENW 138S 24E	UINTA	UT	COYOTE BASIN	43-047-20222-00	UTU018073	UTU72085A
✓ EAST RED WASH FEDERA #1-5	SENW 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20174-00	UTU063597A	UTU72085A
✓ EAST RED WASH FEDERA #1-6	NESE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20208-00	UTU017439B	UTU72085A
✓ FEDERAL #14-4	SWSW 4 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-15678-00	UTU41376	UTU72085A
✓ TXO FEDERAL #2	SENE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31567-00	UTU41376	UTU72085A
✓ TXO FEDERAL #1	SWNE 5 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-31406-00	UTU41376	UTU72085A
✓ BALCRON FEDERAL #12-20Y	SWNW 209S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32617-00	UTU64917	
✓ BALCRON FEDERAL #31-19Y	NWNE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32614-00	UTU65635	
✓ BALCRON FEDERAL #32-19Y	SW NE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32615-00	UTU65635	
✓ BALCRON FEDERAL #42-19Y	SENE 199S 18E	UINTAH	UT	EIGHT MILE FLAT (8)	43-047-32616-00	UTU65635	
✓ BALCRON FEDERAL #31-5Y	NWNE 5 9S 18E	UINTAH	UT	EIGHT MILE FLAT (U)	43-047-32503-00	UTU65970	
✓ BALCRON FEDERAL #11-22Y	NW NW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31539-00	UTU66191	
✓ BALCRON FEDERAL #12-22Y	SWNW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31476-00	UTU66191	
✓ BALCRON FEDERAL #22-22Y	SE NW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31538-00	UTU76240	
✓ FEDERAL #1-26	NENW 268S 17E	UINTAH	UT	MONUMENT BUTTE (22)	43-047-31953-00	UTU76240	
✓ MONUMENT FEDERAL #13-22Y	NW SW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31583-00	UTU76240	
✓ MONUMENT FEDERAL #23-22-8-17	NESW 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31702-00	UTU76240	
✓ MONUMENT FEDERAL ##31-22	NW NE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31587-00	UTU76240	
✓ MONUMENT FEDERAL #32-22-8-17	SW NE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31586-00	UTU76240	
✓ MONUMENT FEDERAL #33-22-8-17	NWSE 228S 17E	DUCHESNE	UT	MONUMENT BUTTE (22)	43-013-31588-00	UTU76240	
✓ BALCRON FEDERAL #11-20Y	NW NW 209S 18E	UINTAH	UT	MONUMENT BUTTE (8)	43-047-32712-00	UTU64917	

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.

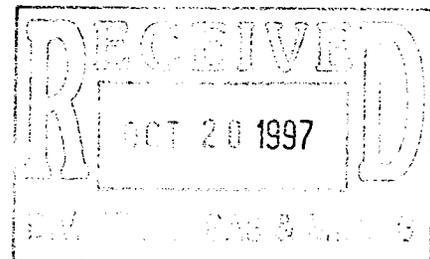
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.





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

December 5, 1997

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

Re: ⁴³⁻⁰⁴⁷⁻³²⁶¹⁴
Well No. Balcron Federal 31-19Y
NWNE, Sec. 19, T9S, R18E
Lease U-65635
Uintah 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 Petroleum Corp.
Myco Industries Inc.
Yates Drilling Company
Yates Petroleum Corp.



**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.*

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-LEF ✓	6-LEF ✓
2-GEH ✓	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-JRB ✓	

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

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

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&G SERVICES</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: **SEE ATTACHED**	API: <u>43-047-32614</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

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. *(12-9-97)*
6. Cardex file has been updated for each well listed above. *(12-10-97)*
7. Well file labels have been updated for each well listed above. *(12-10-97)*
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. *(12-9-97)*
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

- Y/uc 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- 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/uc 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 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Y/B 1. All attachments to this form have been microfilmed. Today's date: 1.6.98

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

971209 BLM / Vernal Aprv 12-4-97.

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-65635

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

BALCRON FEDERAL 31-19Y

9. API Well No.

43-047-32614

10. Field and Pool, or Exploratory Area

8 MILE FLAT NORTH

11. County or Parish, State

UINTAH 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)

0660 FNL 1880 FEL NW/NE Section 19, T09S R18E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

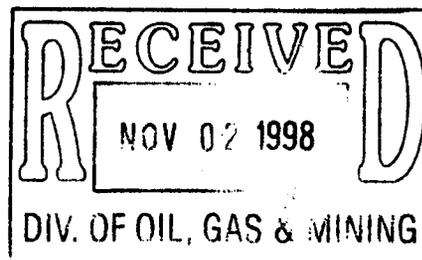
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Site Security

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

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

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

Attached 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 31-19Y

NW/NE Sec. 19, T9S, 18E

Uintah County

May 12, 1998

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

Production Phase:

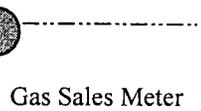
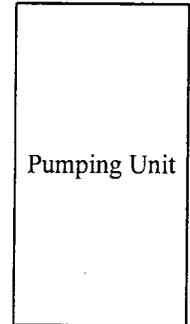
- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

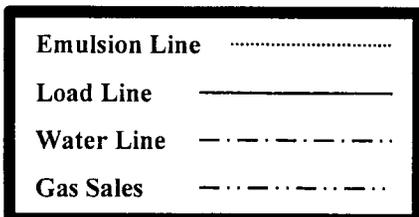
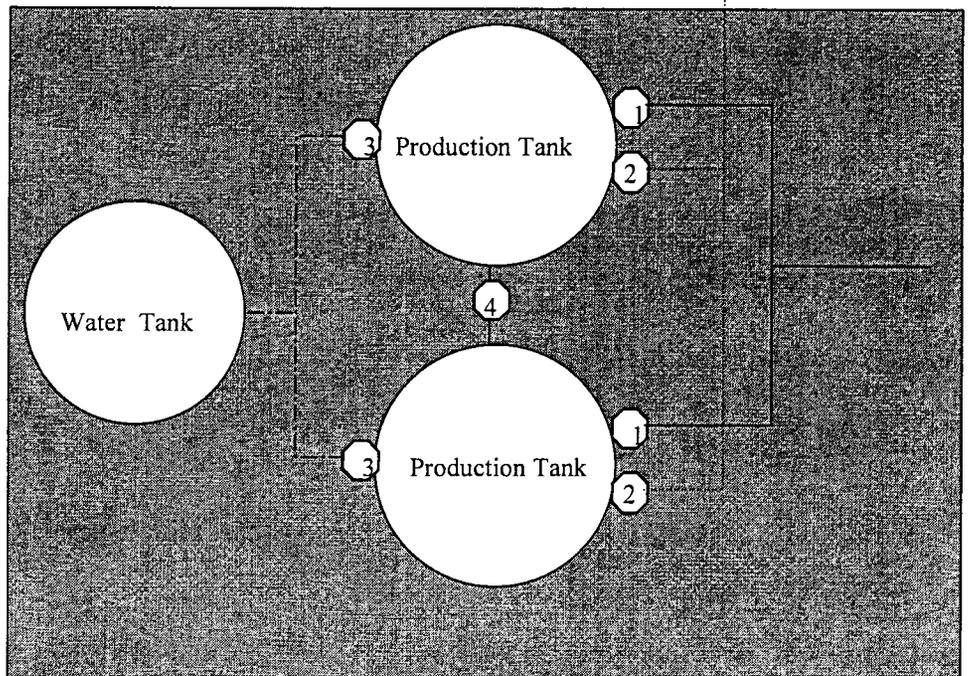
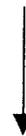
- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open



Diked Section



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU65635
2. Name of Operator Inland Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630	3b. Phone (include are code)	7. If Unit or CA/Agreement, Name and/or
Mvton, UT 84052	435.646.3721	SHEEPWASH AREA
4. Location of (Footage, Sec., T., R., M., or Survey Description)		8. Well Name and No. BALCRON FED 31-19Y
0660 FNL 1880 FEL		9. API Well No. 4304732614
NW/NE Section 19 T9S R18E		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Uintah, UT

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontalley, give subsurface locations and measured and tur vericaldepths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final

Subject well had recompleation procedures initiated in the Green River formation on 10/3/03. Existing production equipment was pulled from well. A bit and scraper were run in well. Two new Green River intervals were perforated and hydraulically fracture treated as follows. Stage #1: BLKSH @ 5410-5414', 5353-5360', and CP3 sands @ 5264-5276' (all 4 JSPF) fraced down 2 7/8 N-80 tubing w/ 50,016# 20/40 sand in 401 Bbbs Viking I-25 fluid. Stage #2: CP2 sands @ 5177-5184', CP1 sands @ 5144-5147', and 5151-5166' (all 4 JSPF) fraced down 2 7/8 N-80 tubing w/ 54,503# 20/40 sand in 447 Bbbs Viking I-25 fluid. Fracs were flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA and production tubing were run and anchored in well w/ tubing anchor @ 5245', pump seating nipple @ 5345', and end of tubing string @ 5374'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 10/10/2003.

OCT 15 2003

I hereby certify that the foregoing is true and correct (Printed/ Typed) Matthew Richmond	Title Production Clerk
Signature 	Date 10/14/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or which would entitle the applicant to conduct operations thereon.	Office	
certify that the applicant holds legal or equitable title to those rights in the subject lease		

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

(Instructions on reverse)



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer



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		

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: U-65635
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SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
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1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: BALCRON FED 31-19Y
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2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43047326140000
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3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext	9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
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4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1880 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 19 Township: 09.0S Range: 18.0E Meridian: S	COUNTY: UINTAH STATE: UTAH
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11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/30/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: _____

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

Operator proposes to recomplete the subject well. This well has been identified to have pay behind pipe. We plan on opening the D2 sands by perforating and then hydraulically fracturing them. Refer to the attached recompletion procedure. Please contact Newfield Engineer Tom Walker at 303-383-4114 or Paul Weddle at 303-383-4117 for procedure questions.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 29, 2009

By: *Derek Duff*

NAME (PLEASE PRINT) Susan Linder	PHONE NUMBER 303 382-4443	TITLE Operations Tech
SIGNATURE N/A		DATE 10/23/2009

Newfield Production Company**Balcron Federal 31-19y-9-18****Procedure for: OAP; D2 (75K# Frac) DOWN CASING****Well Status: See attached Wellbore Diagram****AFE #**

Engineer: Paul Weddle pweddle@newfield.com
 mobile 720-233-1280
 office 303-383-4117

PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,450**
- 3 RIH with WL set HE RBP. **Set RBP @ ~4445'**.
- 4 Pressure test casing to 4500psi for 10 minutes.
 Only Run B&S if required. RIH and perforate the following interval w/ 4SPF 120deg phasing:

D2	4396-4405	3spf	120° phasing
D2	4389-4392	3spf	120° phasing
D2	4383-4385	3spf	120° phasing
- 5 POOH with perf gun. RD Wireline Truck only after perfs broken down. Be prepared to spot acid
- 7 RU frac equip and 5K Stinger frac head. Frac the **D2** down casing w/75,000# 20/40sand at 25 BPM with max sand concentration of **6** ppg per BJ recommendation.
- 7 Flowback well immediately @ 3-4 BPM until dead.
- 6 RIH and Release Packer
- 9 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 10 Place SN @ ± 5330 and set TAC at ±5245' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 11 PU and RIH with a 2-1/2" x 1-3/4" x 20' RHAC pump, 6 x 1-1/2" weight rods, 20 x 3/4" guided rods, 87 x 3/4" slick rods, 99 x 7/8" guided rods, Space out with pony rods as necessary.
- 12 PWOP and track results for one month.

Balcron Fed. #31-19Y-9-18

Spud Date: 3/25/95
 Put on Production: 4/21/95
 GL: 5137' KB: 5147'

Initial Production: 92 BOPD,
 NM MCFD, 7 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (270.50')
 DEPTH LANDED: 268.35'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cement.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5504.79')
 DEPTH LANDED: 5501.79'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 474 sxs Super "G" & 233 sxs 50/50 POZ.
 CEMENT TOP AT: 465' per CBL

TUBING

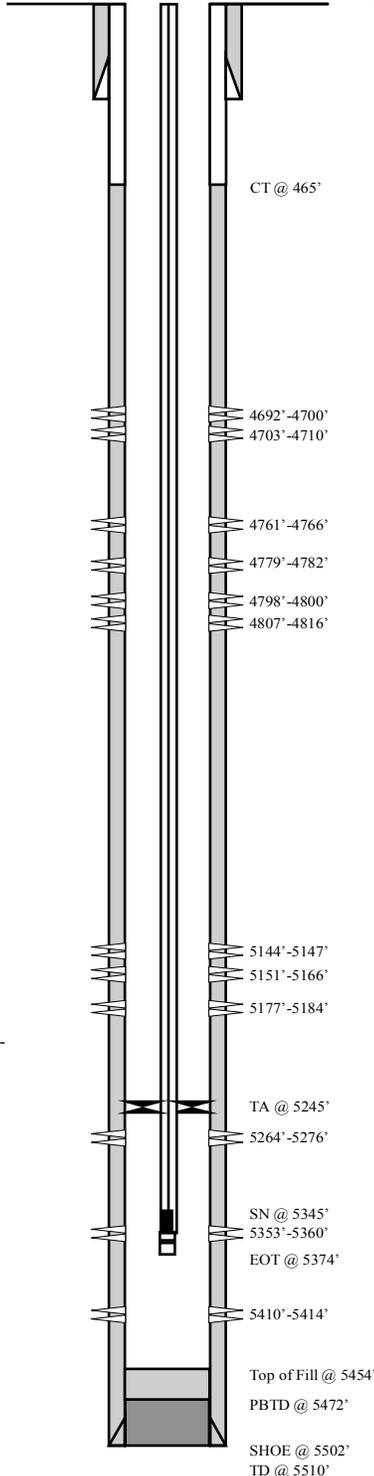
SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 169 jts (5234.95')
 TUBING ANCHOR: 5244.95' KB
 NO. OF JOINTS: 3 jts (96.82')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5329.17' KB
 NO. OF JOINTS: 1 jts (27.72')
 TOTAL STRING LENGTH: EOT @ 5358.44' w/ 10' KB

SUCKER RODS

POLISHED ROD: 1 1/4" x 22' Polished rod
 SUCKER RODS: 6- 1 1/2" weight bars, 20-3/4" scraped rods, 87-3/4" plain rods, 99-3/4" scraped rods, 3/4 x 2", -2 x 3/4 x 6 pony rods.
 PUMP SIZE: 2 1/2" x 1 1/2" x 12 x 15' RHAC pump w/ plunger
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4 SPM
 LOGS: ART/LDS/APS/SP/GR/CAL

FRAC JOB

4/07/95 4692'-4816' **Frac zone as follows:**
 207,900# 16/30 sand in 1217 bbls 2% KCl frac fluid. Treated @ avg press of 2600 psi w/avg rate of 41.3 BPM. ISIP 2350 psi. Calc. flush: 4692 gal. Actual flush: 4662 gal.
 8/14/00 Pump change. Update rod and tubing details.
 10/07/03 5264'-5414' **Frac BLKSH & CP3 sands as follows:**
 50,016# 20/40 sand in 401 Bbls Viking I-25 fluid. Treated @ avg. press of 4385 psi w/ avg. rate of 17.5 BPM. ISIP: 1720 psi. Calc flush: 1344 gal. Actual flush: 1218 gal.
 10/07/03 5144'-5184' **Frac CP1 & CP2 sands as follows:**
 54,503# 20/40 sand in 447 Bbls Viking I-25 fluid. Treated @ avg. press of 3135 psi w/ avg. rate of 14.2 BPM. ISIP: 1760 psi. Calc flush: 1319 gal. Actual flush: 1218 gal.
 6/20/08 Hole in tubing. Tubing details updated.



PERFORATION RECORD

Date	Depth Range	Holes
4/06/95	4807'-4816'	03 holes
4/06/95	4798'-4800'	01 holes
4/06/95	4779'-4782'	02 holes
4/06/95	4703'-4710'	04 holes
4/06/95	4692'-4700'	04 holes
4/11/95	4807'-4816'	2 JSPF 18 holes
4/11/95	4761'-4766'	2 JSPF 10 holes
4/11/95	4692'-4710'	2 JSPF 36 holes
10/6/03	5410'-5414'	4 JSPF 16 holes
10/6/03	5353'-5360'	4 JSPF 28 holes
10/6/03	5264'-5276'	4 JSPF 48 holes
10/6/03	5177'-5184'	4 JSPF 28 holes
10/6/03	5151'-5166'	4 JSPF 60 holes
10/6/03	5144'-5147'	4 JSPF 12 holes



Balcron Federal #31-19Y-9-18
 660' FNL & 1880' FEL
 NWNE Section 19-T9S-R18E
 Uintah Co, Utah
 API #43-047-32614; Lease #UTU-65635

TL 9/09/08