

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.

Federal #U-64917

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Balcron Monument Federal

9. WELL NO.

#11-20-9-18Y

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

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

Sec. 20, T9S, R18E

12. COUNTY OR PARISH | 13. STATE

Uintah | UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL

DEEPEEN

PLUG BACK

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

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

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

At surface

NW NW Section 20, T9S, R18E 500' FNL, 500' FWL

At proposed prod. zone

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

Approximately 19 miles southwest of Myton, Utah

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH

5,400'

20. ROTARY OR CABLE TOOLS

Rotary

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

5,115' GL

22. APPROX. DATE WORK WILL START*

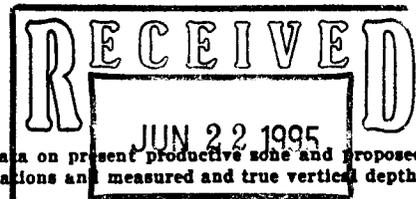
10/1/95

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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

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



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

24. SIGNED Robbie Schuman TITLE Regulatory and Environmental Specialist DIV. OF OIL, GAS & MINING DATE June 21, 1995

(This space for Federal or State office use)

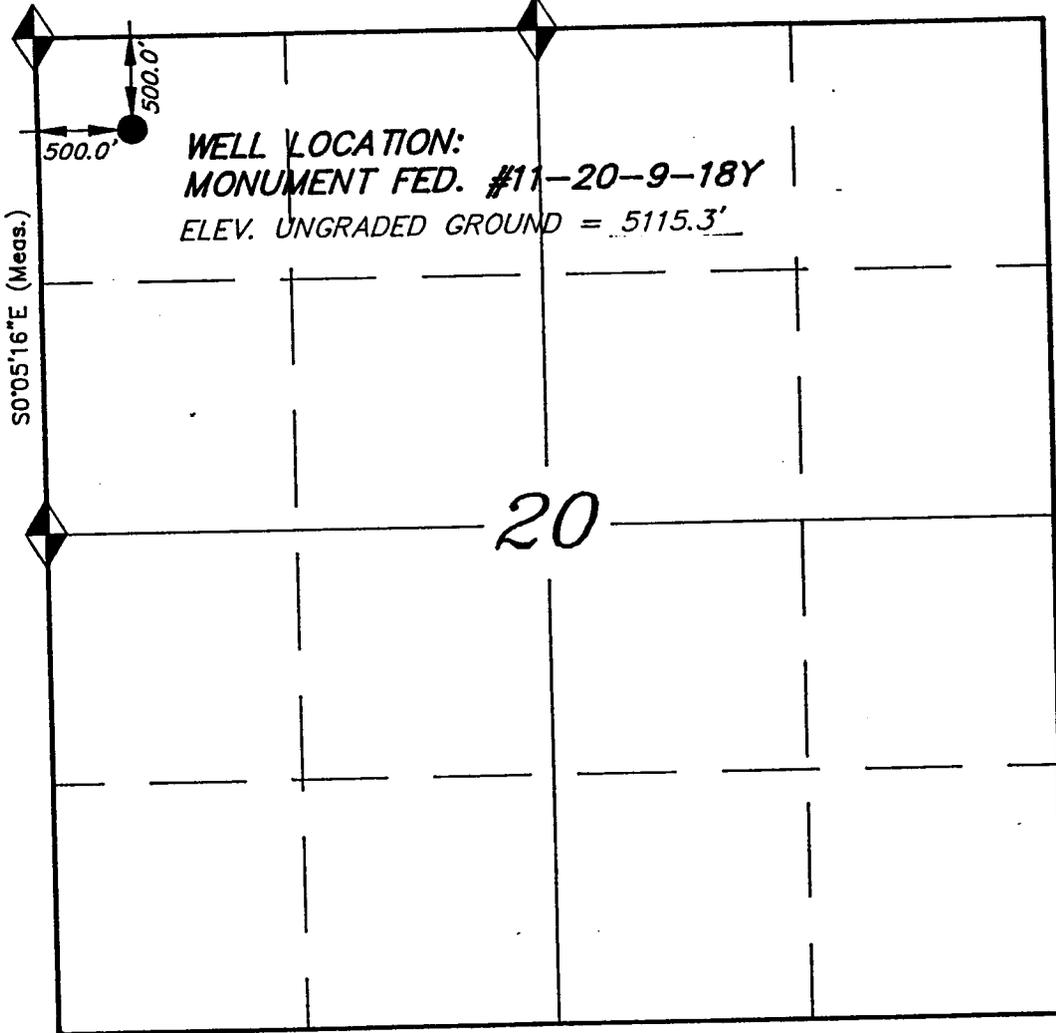
PERMIT NO. 43-047-32712 APPROVAL DATE _____
APPROVED BY [Signature] TITLE Petroleum Engineer DATE 7/27/95
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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

EQUITABLE RESOURCES ENERGY CO.

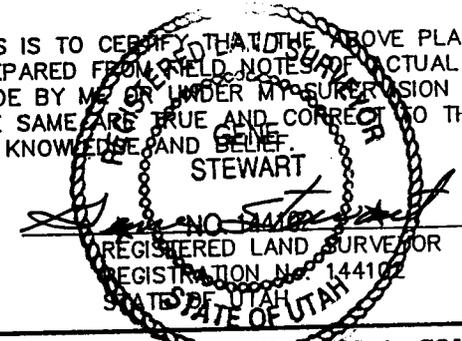
N89°57'E (G.L.O.) Basis of Bearings



WELL LOCATION, MONUMENT FEDERAL,
#11-20-9-18Y, LOCATED AS SHOWN
IN THE NW 1/4 NW 1/4 OF SECTION 20,
T9S, R18E, S.L.B.&M. UINTAH COUNTY,
UTAH.



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



TRI STATE LAND SURVEYING & CONSULTING 38 EAST 100 NORTH, VERNAL, UTAH 84078 (801) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: GS DA
DATE: 5/27/95	WEATHER: RAINY & COOL
NOTES:	FILE 11-20YL



= SECTION CORNERS LOCATED

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

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

EXHIBIT "K"

EXHIBITS

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

6/19/95

CONFIDENTIAL

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

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

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #11-20-9-18Y
NW NW Section 20, T9S, R18E
Uintah County, Utah

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

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

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

See Geologic Prognosis (EXHIBIT "C")

3. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

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

- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following attachment:

Drilling Program/Casing Design (EXHIBIT "D")

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

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

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon after APD approval as possible.

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

7. OTHER

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

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #11-20-9-18Y
NW NW Section 20, T9S, R18E
Uintah County, Utah

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

1. **EXISTING ROADS:**

- a. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south on the Sand Wash road for approximately 18.1 miles to a road intersection. Turn right and continue 0.9 miles to a road intersection. Turn left and continue 0.6 miles to a road intersection. Turn left and proceed 0.1 mile to location which is along the existing road.
- 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. No new access is required.
- b. No gates, cattleguards, or fence cuts and/or modifications to existing facilities will be required.
- c. All travel will be confined to location and access routes.
- d. 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.
- d. 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).

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 Northeast 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 near Corner 6.
- h. Access to the wellpad will be from the South at corner #8.
- i. All pits will be fenced according to the following minimum standards:
 - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
 - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
 - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
 - d. All wire will be stretched before it is attached to the corner posts.

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

10. PLANS FOR RECLAMATION OF LOCATION SITE:

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

Producing location:

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

Dry hole/abandoned location:

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

11. SURFACE OWNERSHIP:

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

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Equitable Resources Energy Company's Balcron Oil Division and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

June 21, 1995
Date

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

/rs



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

DRILLING PROGRAM

WELL NAME: Balcron Monument Fed.#11-20-9-18Y
PROSPECT/FIELD: Monument Butte
LOCATION: NW NW Section 20 Twn. 9S Rge. 18E
COUNTY: Uintah
STATE: Utah

DATE: 6-15-95

TOTAL DEPTH: 5400

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

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

CEMENT PROGRAM

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

**PRELIMINARY
DRILLING FLUID PROGRAM**

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

COMMENTS

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

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: #11-20-9-18Y
Project ID:	Location: Uintah/Utah

Design Parameters:

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

Design Factors:

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

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

Prepared by : McCoskery, Billings, MT
 Date : 06-16-1995
 Remarks :

Minimum segment length for the 5,400 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.468 psi/ft and
 2,525 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general 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

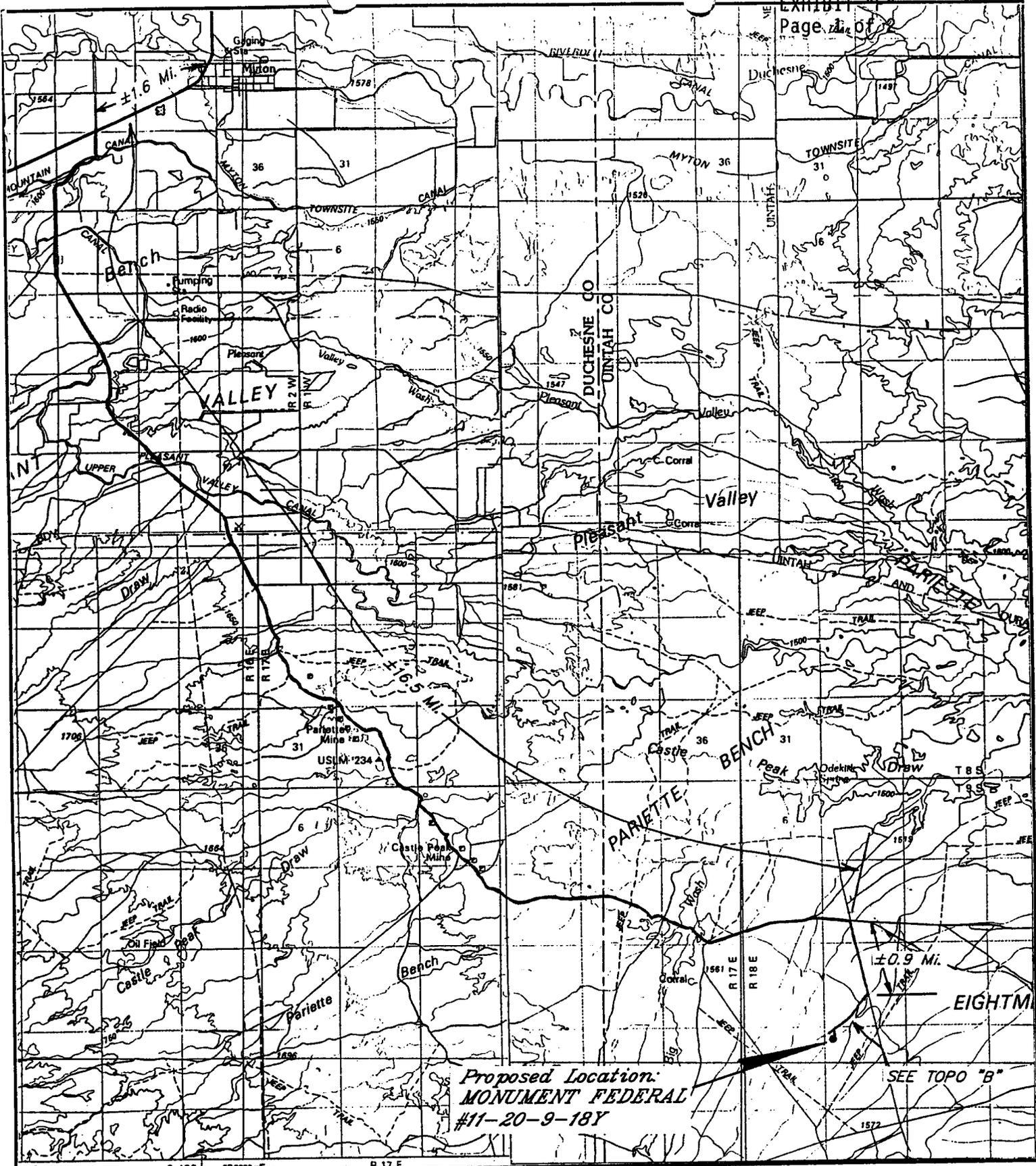
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

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



Proposed Location:
MONUMENT FEDERAL
 #11-20-9-18Y

SEE TOPO "B"

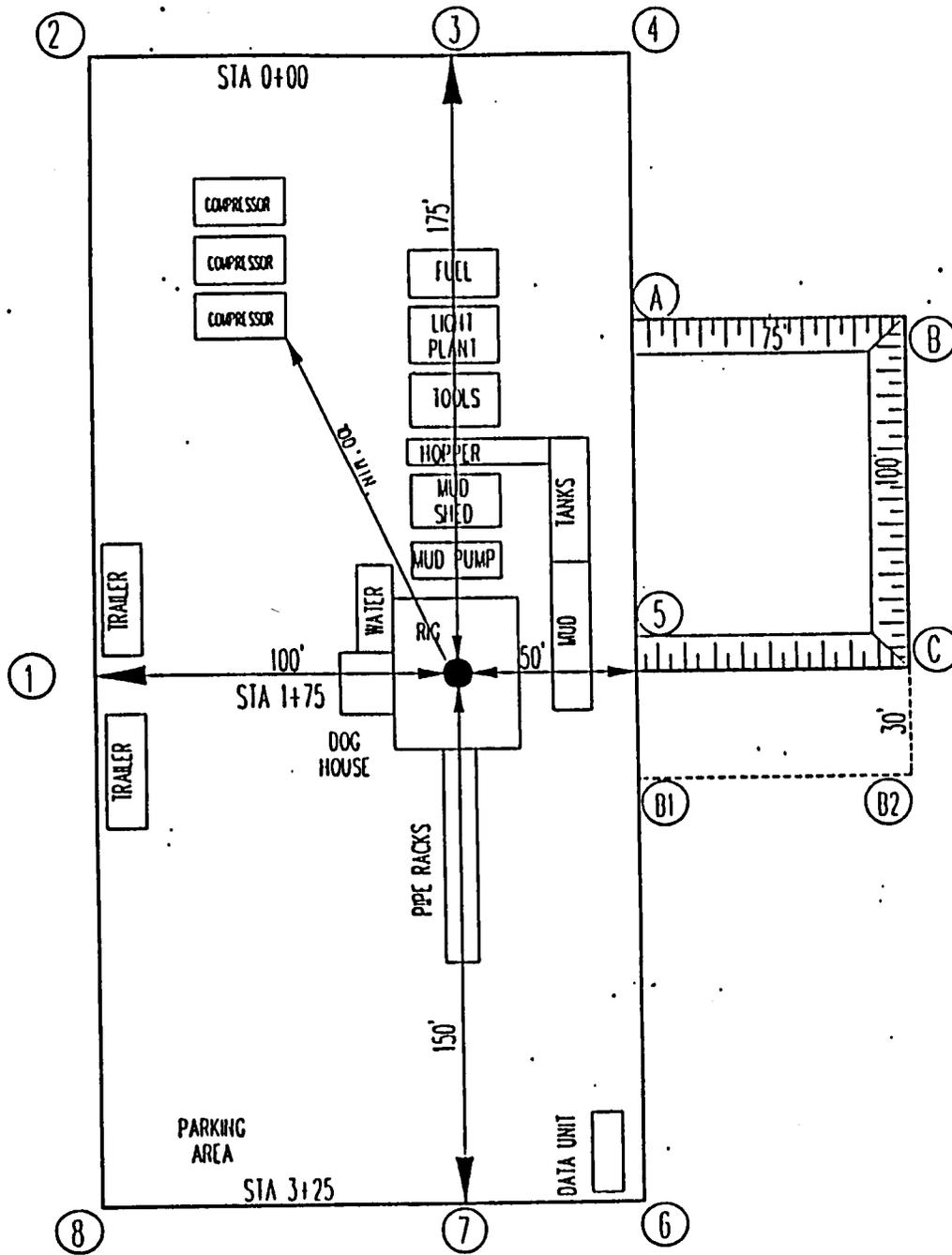
EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #11-20-9-18Y
 SEC. 20, T9S, R18E, S.L.B.&M.
 TOPO "A"

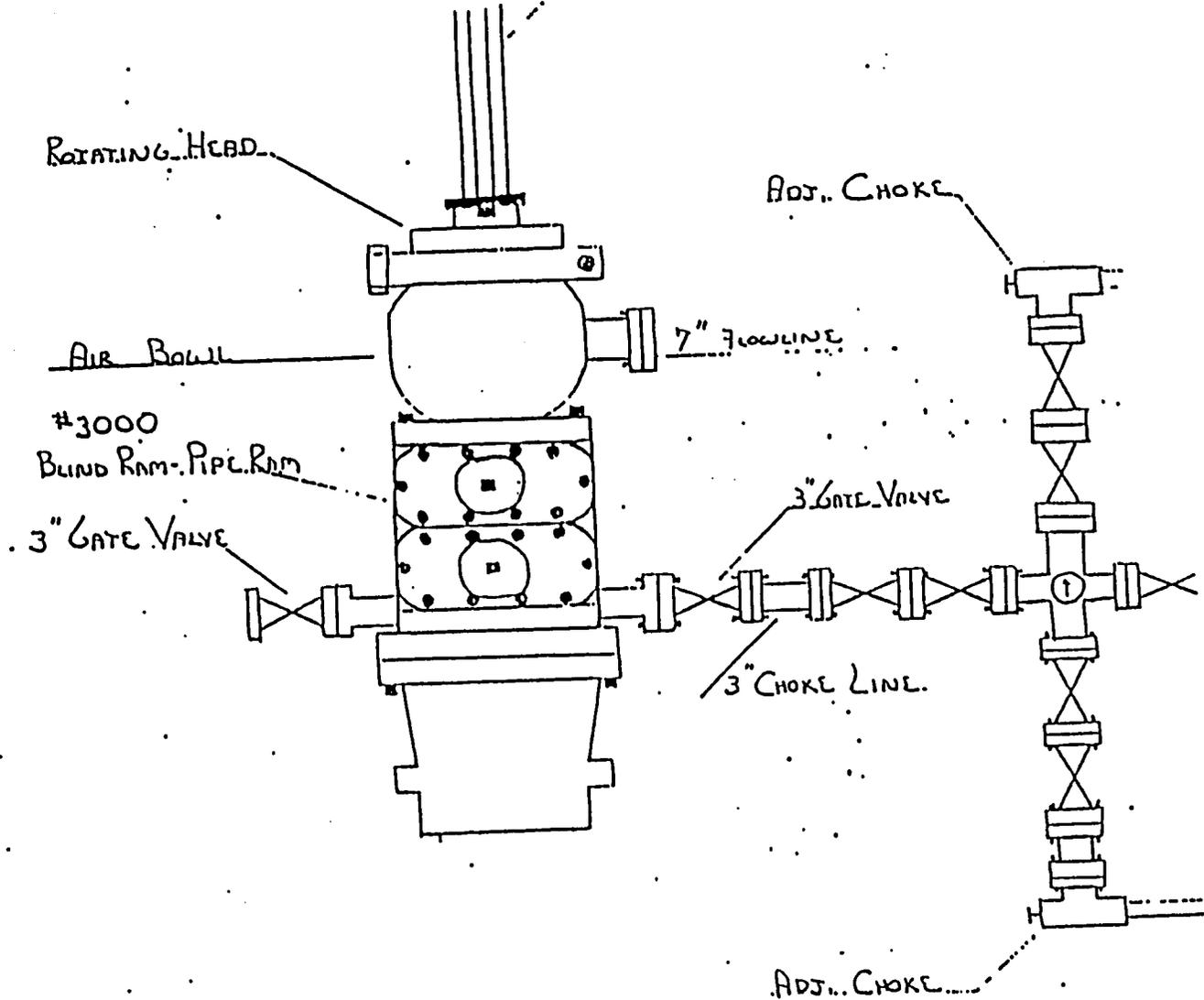


Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

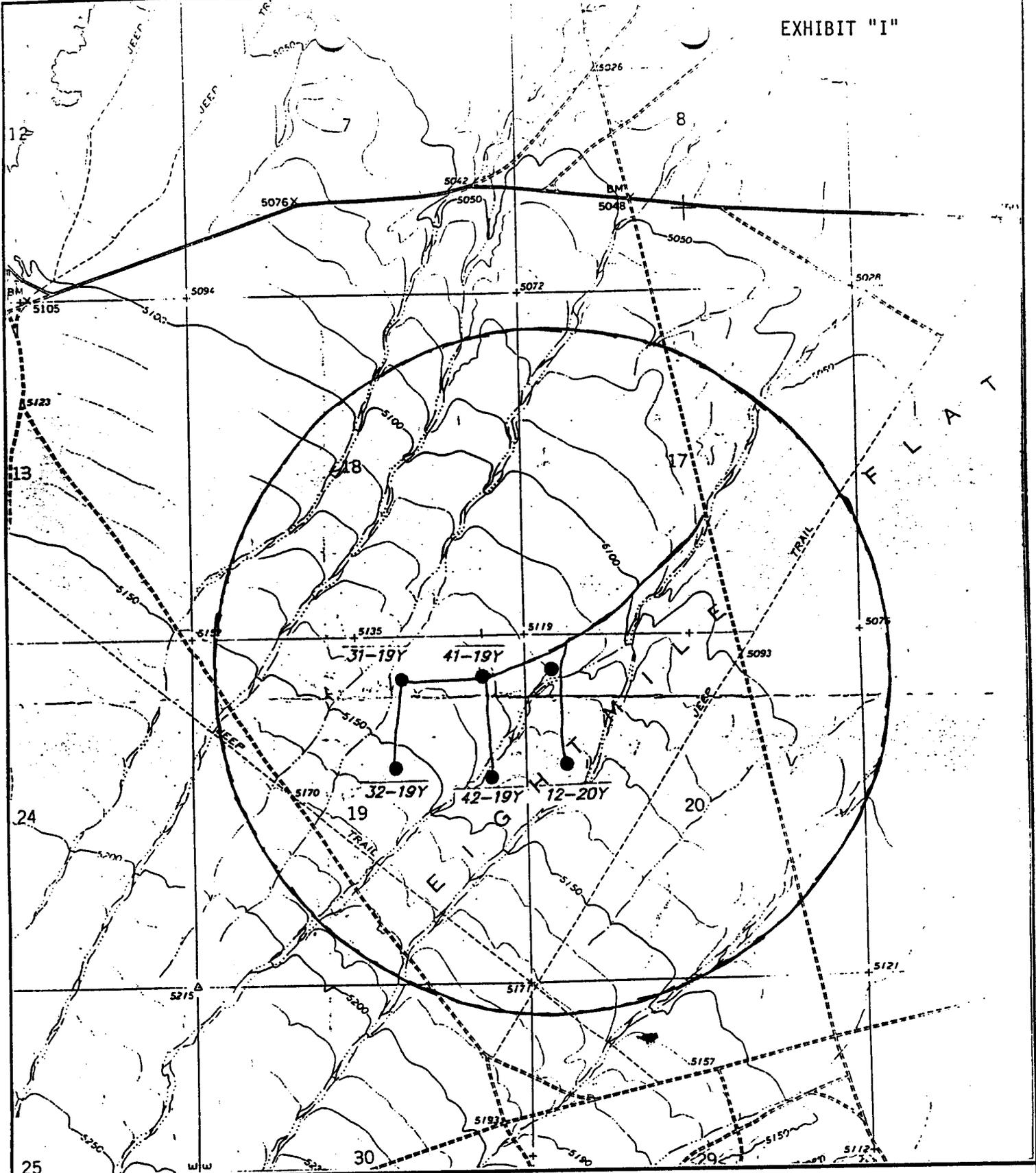
EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



UNION DRILLING RIG #17 Hex Kelly -

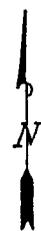


#3000 STACK



EQUITABLE RESOURCES CO.

*MONUMENT FEDERAL #11-20-9-18Y
SEC. 20, T9S, R18E, S.L.B.&M.
TOPO "C"*



SCALE: 1" = 2000'

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

38 WEST 100 NORTH VERNAL, UTAH 84078

Equitable Resources Energy Company
 Balcron Federal 11-20-9-18Y
 Proposed Production Facility Diagram

EXHIBIT "J"

Balcron Federal 11-20-9-18Y
 NW NW Sec. 20, T9S, R18E
 Uintah County, Utah
 Federal Lease #U-64917
 500' FNL, 500' FWL

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

DIKE

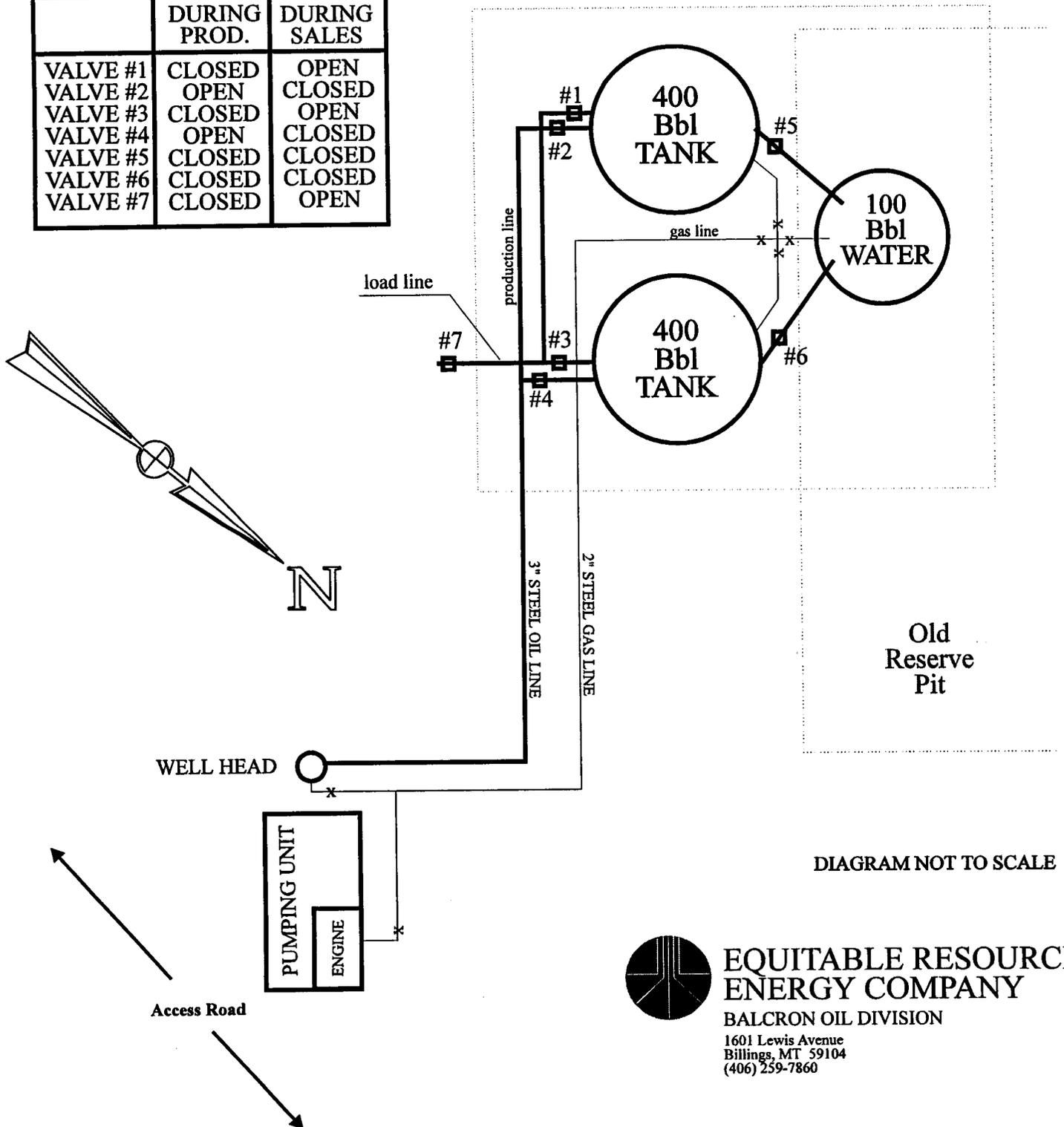
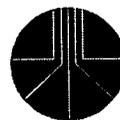


DIAGRAM NOT TO SCALE



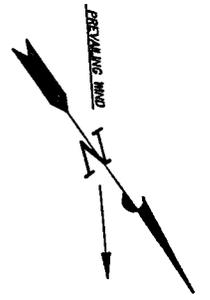
**EQUITABLE RESOURCES
 ENERGY COMPANY**

BALCRON OIL DIVISION

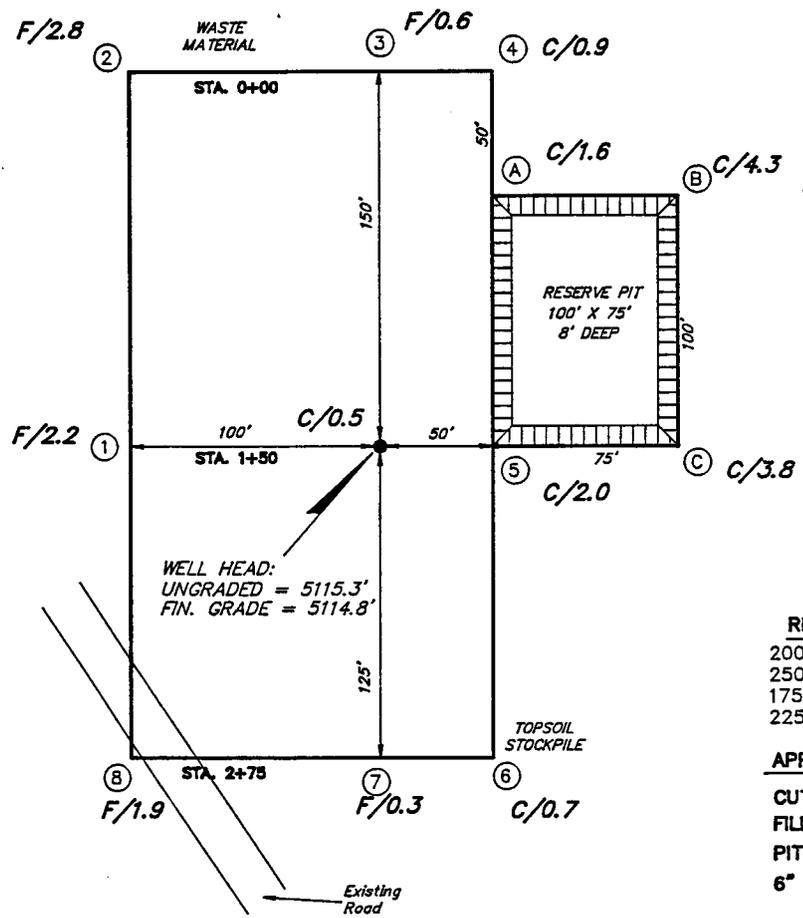
1601 Lewis Avenue
 Billings, MT 59104
 (406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #11-20-9-18Y
SECTION 20, T9S, R18E, S.L.B.&M.



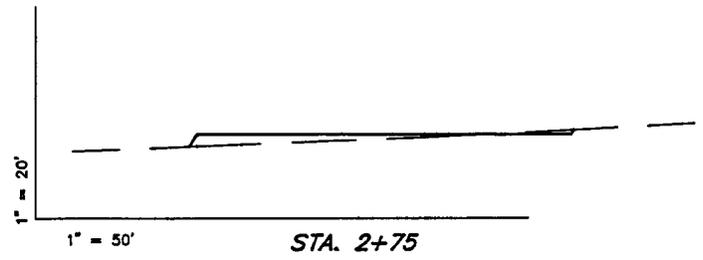
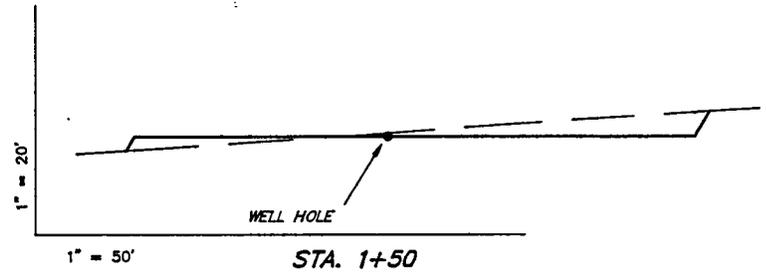
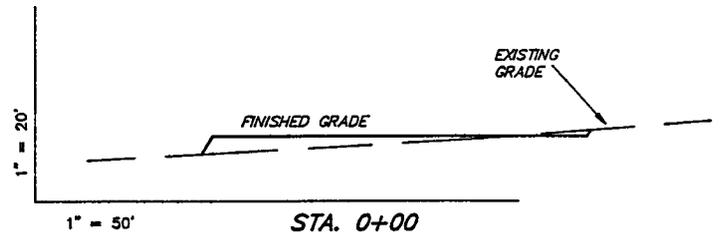
SCALE: 1" = 50'



WELL HEAD:
UNGRADED = 5115.3'
FIN. GRADE = 5114.8'

- REFERENCE POINTS**
 200' SOUTHWEST 5113.6'
 250' SOUTHWEST 5114.0'
 175' NORTHWEST 5118.7'
 225' NORTHWEST 5118.7'

- APPROXIMATE YARDAGES**
 CUT = 1292 Cu. Yds.
 FILL = 1292 Cu. Yds.
 PIT = 1,940 Cu. Yds.
 6" TOPSOIL = 900 Cu. Yds.



SURVEYED BY: G.S. D.A.
DRAWN BY: S.S.
DATE: 5-27-95
SCALE: 1" = 50'
FILE: 11-20YC

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

EXHIBIT "L"

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/22/95

API NO. ASSIGNED: 43-047-32712

WELL NAME: BALCRON MON FED 11-20-9-18Y
 OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
 NWNW 20 - T09S - R18E
 SURFACE: 0500-FNL-0500-FWL
 BOTTOM: 0500-FNL-0500-FWL
 UINTAH COUNTY
 EIGHT MILE FLAT NORTH FIELD (590)

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

LEASE TYPE: FED
 LEASE NUMBER: U-64917

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal State Fee
 (Number 6647188)

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: _____

STIPULATIONS: _____

STATE OF UTAH

Operator: EQUITABLE RESOURCES	Well Name: BALCRON MON FED 11-2
Project ID: 43-047-32712	Location: SEC. 20 - T09S - R18E

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2162 psi
 Internal gradient (burst) : 0.062 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using buoyed weight
 Service rating is "Sweet"

Design Factors:

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

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

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

Minimum segment length for the 5,400 foot well is 1,000 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 103°F (Surface 74°F , BHT 128°F & temp. gradient 1.000°/100 ft.)
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,497 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1987 pricing model. (Version 1.06)

UTAH DIVISION OF OIL, GAS AND MINING EQUIPMENT INVENTORY

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

Well Name: Balcon Monument Fed. 11-20-9-184 API Number: 43-047-32712

Section: 20 Township: 9S Range: 18E County: Uintah Field: Monument Butte

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:
 ___ Triplex ___ Chemical ___ Centrifugal

LIFT METHOD:
 Pumpjack ___ Hydraulic ___ Submersible ___ Flowing

GAS EQUIPMENT:
 Gas Meters ___ Purchase Meter ___ Sales Meter

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

REMARKS: Oil tanks have burners. Reserve pit open.
Pit tanks will be installed when pit is closed.
Casinghead gas for fuel gas with propane for backup

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

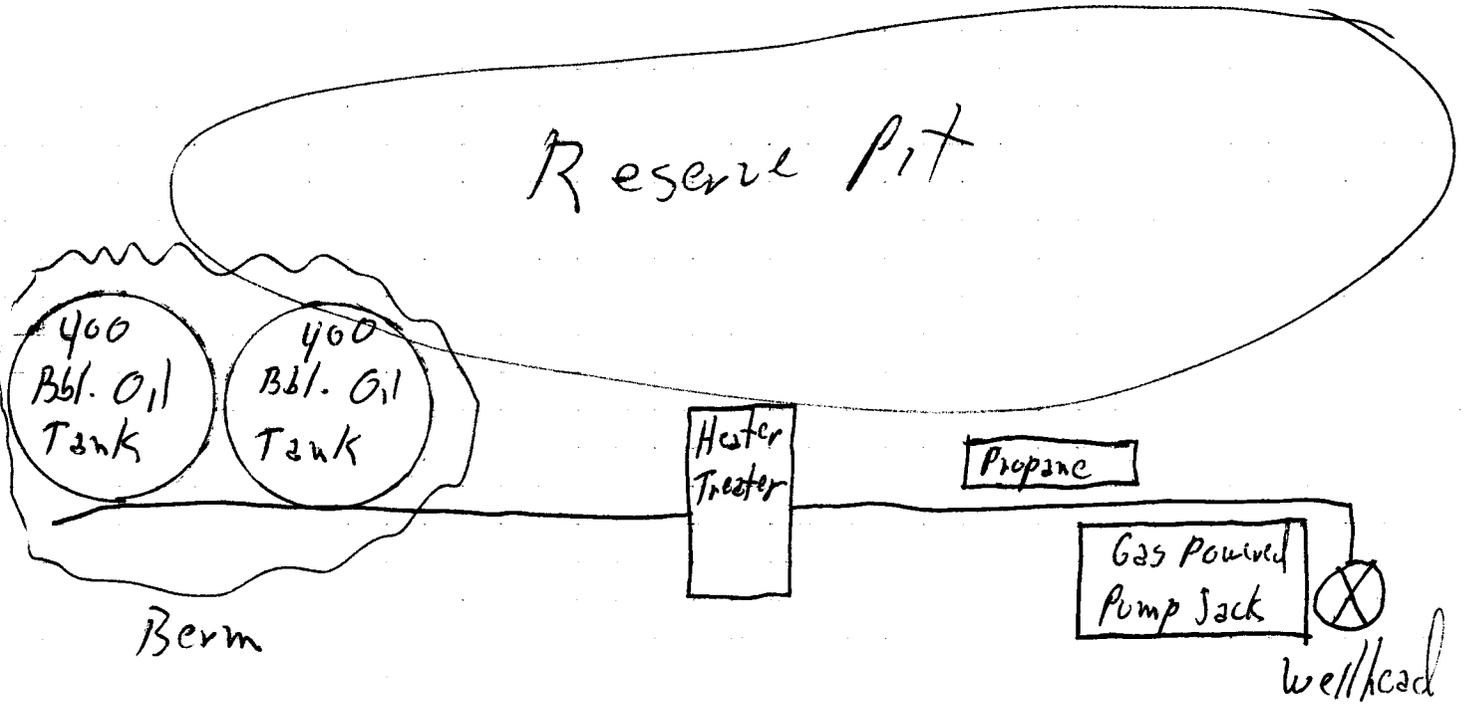
Inspector: David W. Huffel Date: 1/2/96

-Equitable Resources-

BMF 11-20-9-181-

43-047-32712

↑
North



Top
Soil

Access

EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #11-20-9-18Y 43-047-32712

Section 20, T9S, R18E, SLB&M

Uintah County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

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

June 24, 1994

PALEONTOLOGY REPORT FOR EQUITABLE RESOURCES CO. MONUMENT FEDERAL #11-20-9-18Y,
Section 20, T9S, R18E, S.L.B.&M, Uintah Co., Utah.

Description of Geology and Topography

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

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

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

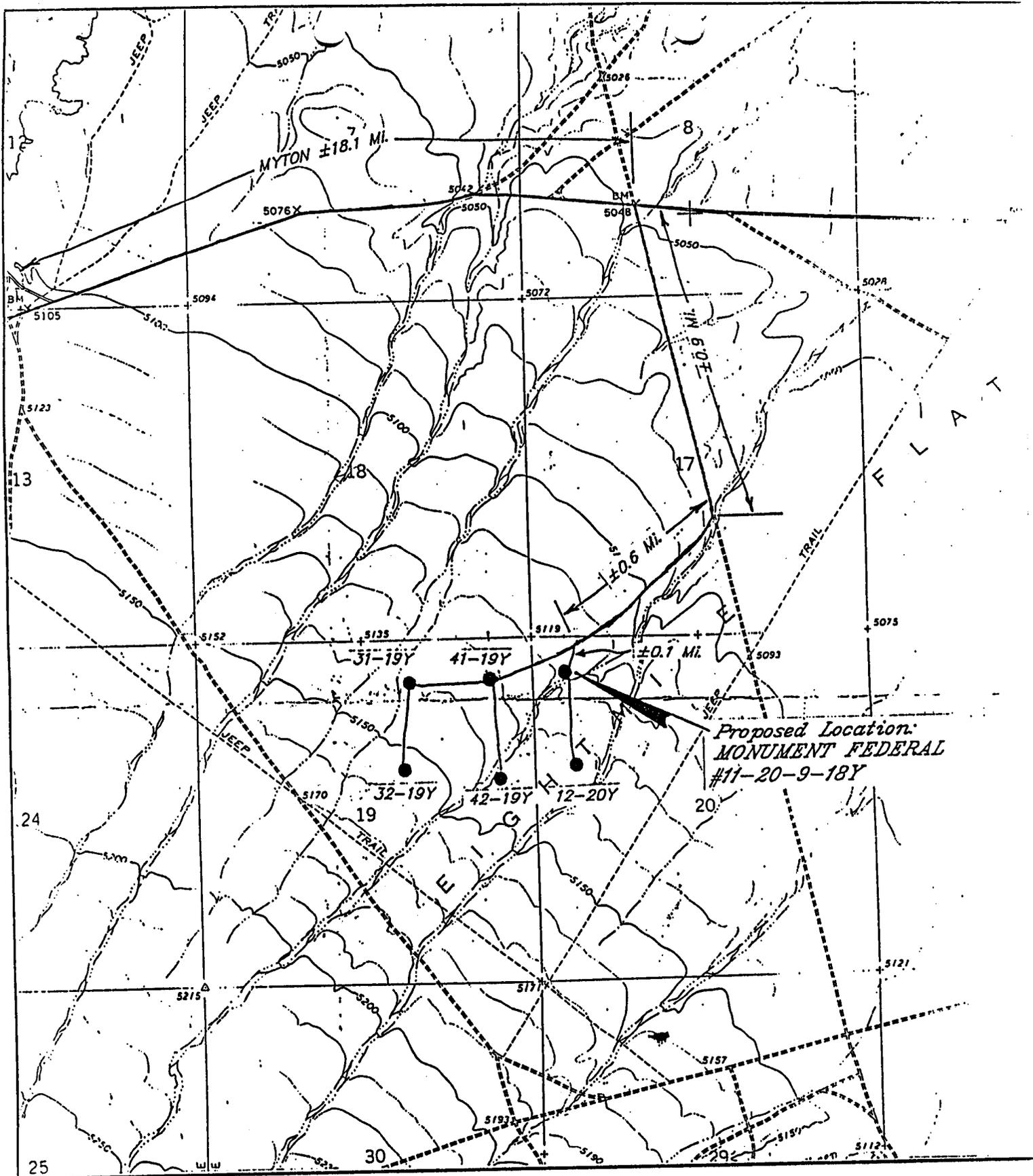
Recommendations-

No recommendations are being made for paleontology at this location.

Alfred A. Hamblin
Paleontologist

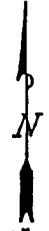
Date

June 24, 1995



EQUITABLE RESOURCES CO.

*MONUMENT FEDERAL #11-20-9-18Y
 SEC. 20, 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



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

June 21 1995

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

Enclosed are Applications for Permit to Drill the following wells:

Balcron Monument Federal #11-20-9-18Y

Balcron Monument Federal #12-24-8-17

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

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

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

Sincerely,

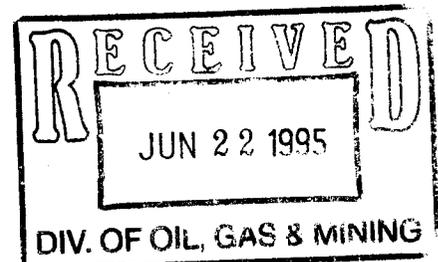
Bobbie Schuman

**Bobbie Schuman
Regulatory and
Environmental Specialist**

/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining



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

Report Prepared for Balcron Oil Company

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

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

Principal Investigator
F. Richard Hauck, Ph.D.

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



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

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

July 12, 1995

ABSTRACT

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

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

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

No isolated artifacts were noted during the investigations.

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

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

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



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



UTAH

T. multiple

R. multiple

Meridian: Salt Lake B & M

LIST OF MAPS OF THE PROJECT AREA

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GENERAL INFORMATION

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

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

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

Project Location

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

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

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

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



UTAH

T. multiple

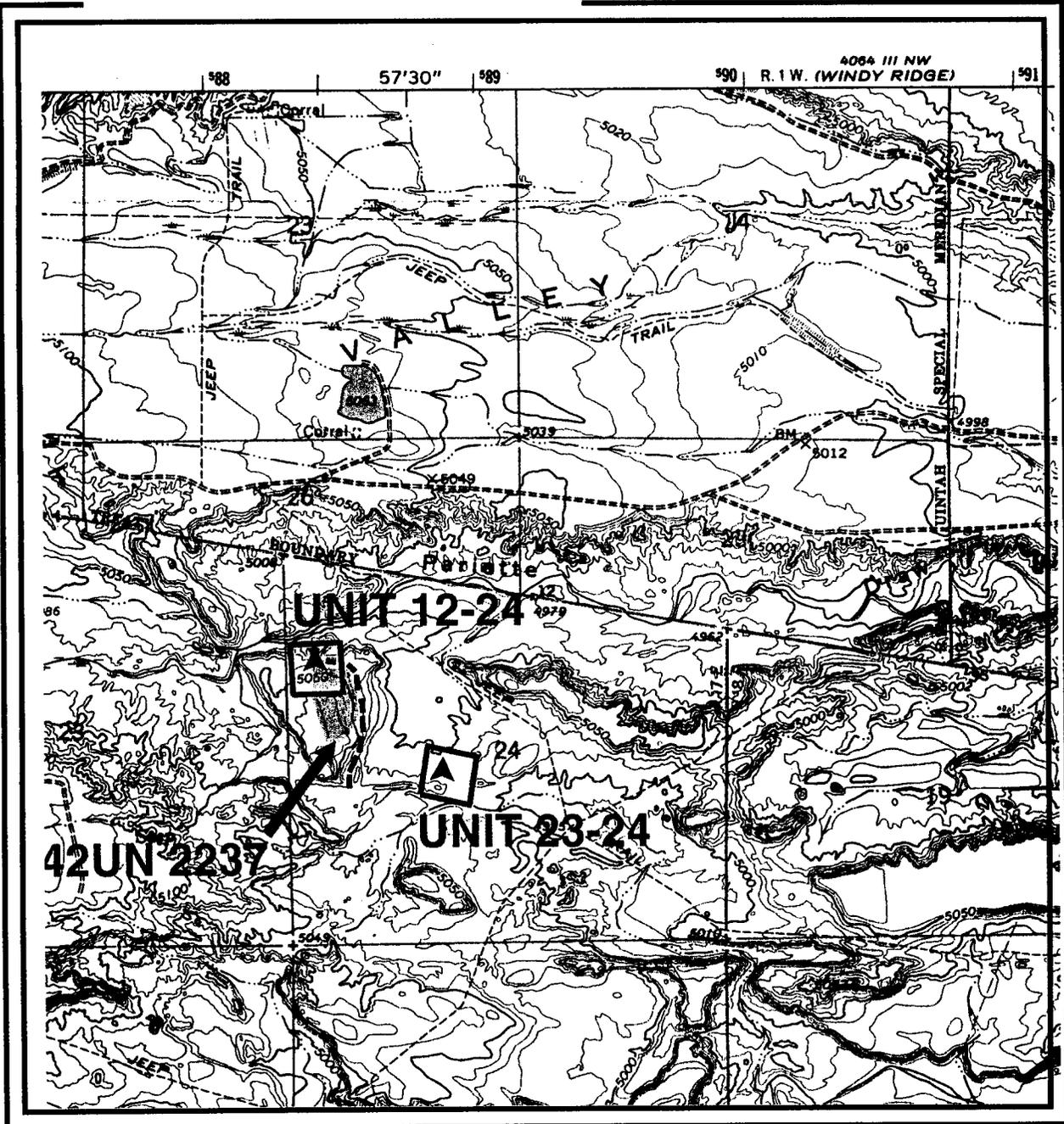
R. multiple

Meridian: Salt Lake B & M

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

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

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



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

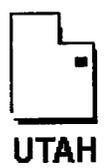
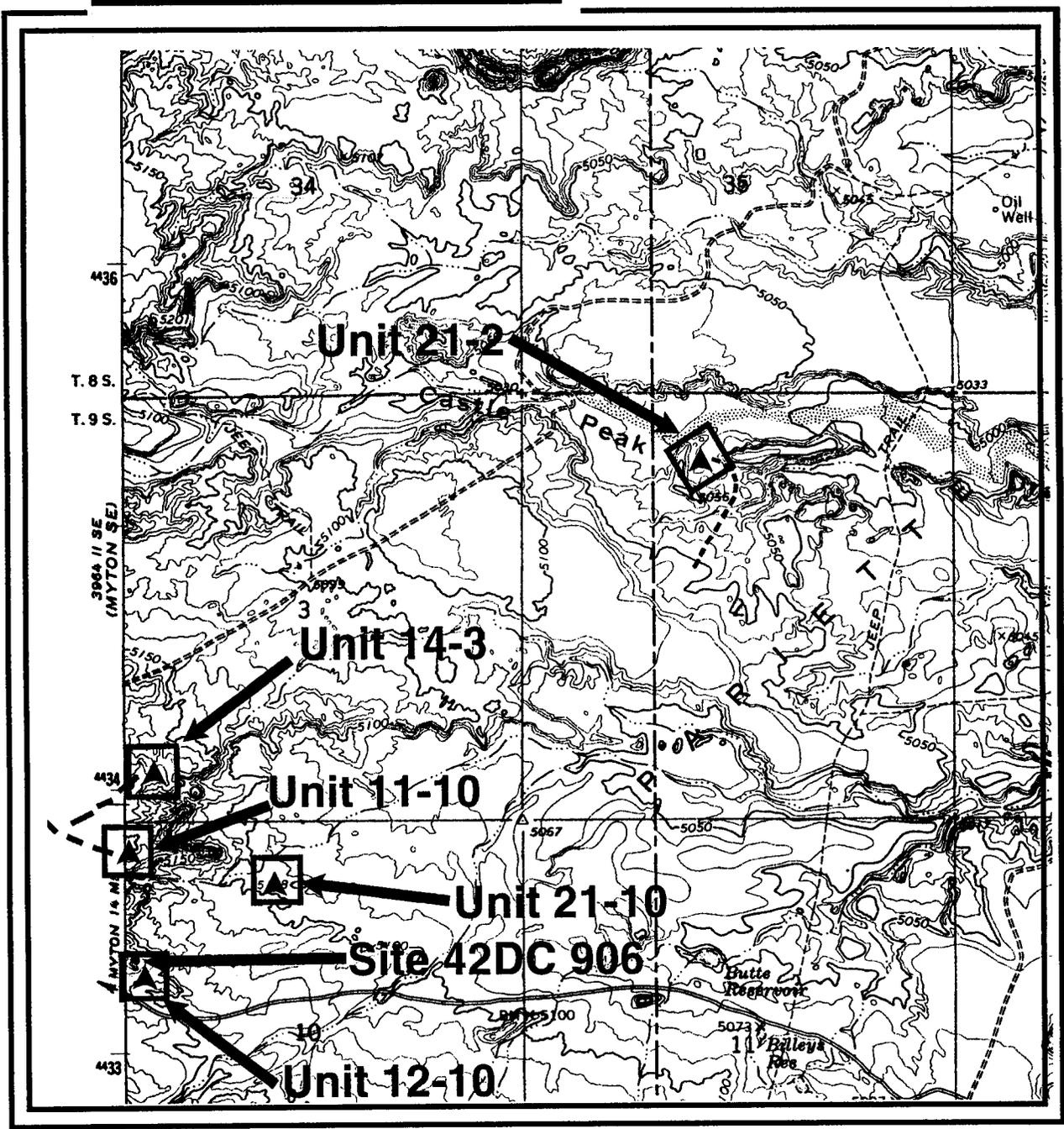
LEGEND:

- Well Location
- Access Route
- Cultural Site

Ten Acre
 Survey
 Area

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

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



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

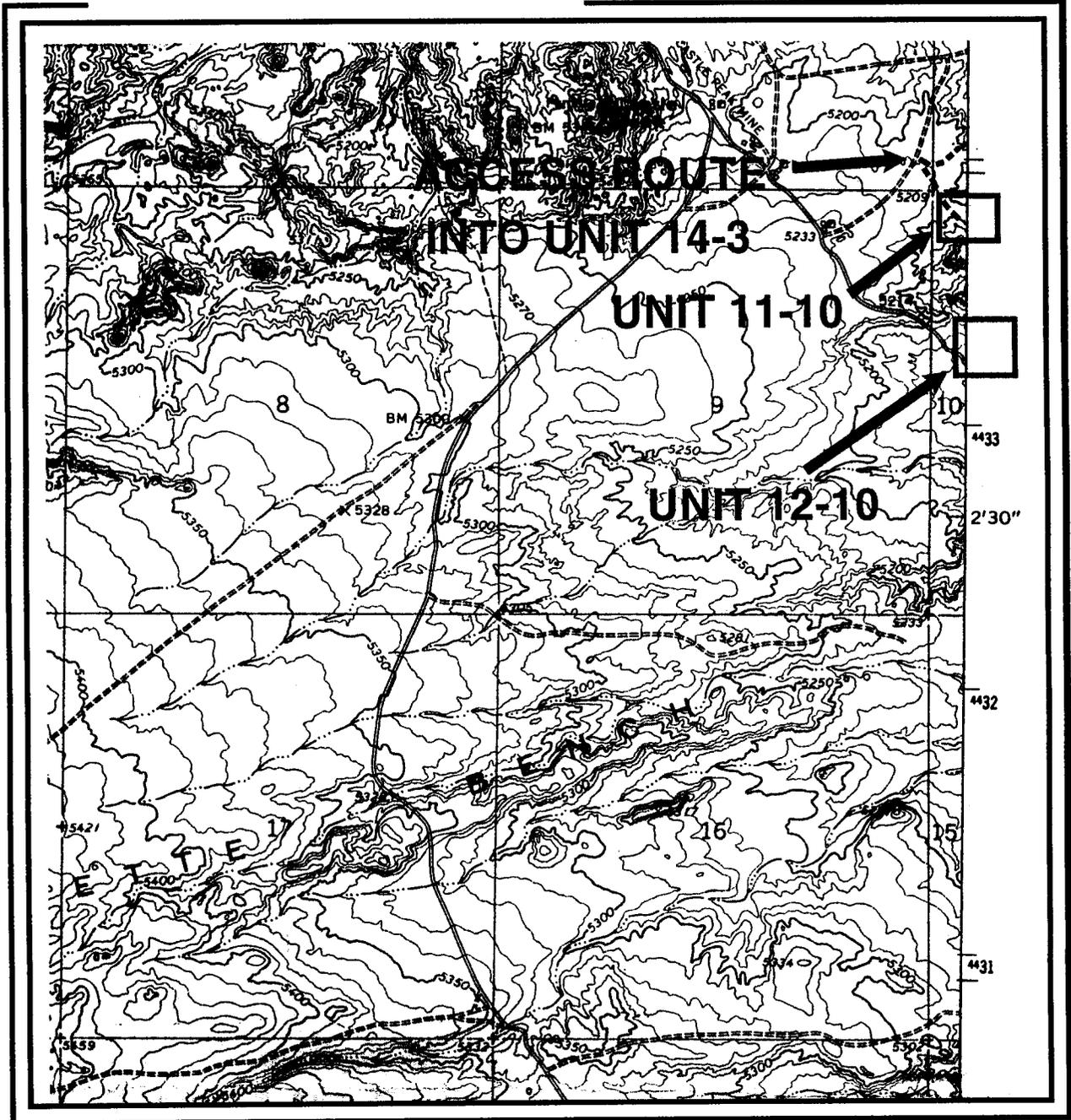
LEGEND:

- Well Location
- Access Route
- Cultural Site

Ten Acre
 Survey
 Area

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

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



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

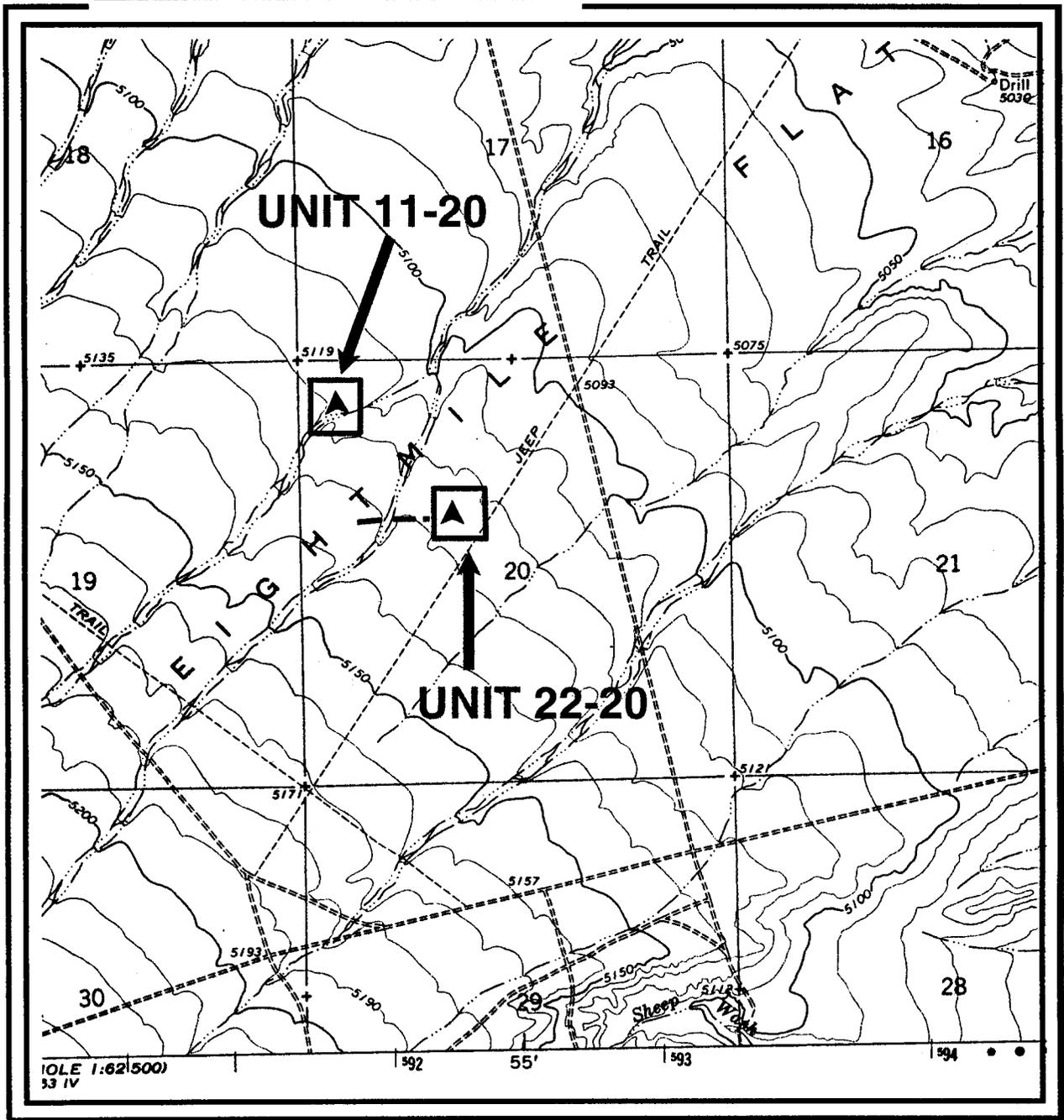
LEGEND:

Well Location 
Access Route 

**Ten Acre
Survey
Area** 

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

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



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

LEGEND:

Well Location 
Access Route 

Ten Acre Survey Area 

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

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

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

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

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

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

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

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

Environmental Description

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

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

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

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on June 16, 1995. A similar search was conducted in the Vernal District Office of the BLM on June 20, 1995. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw/ Eight Mile Flat/ Pariette Draw localities. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf. Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994).

Prehistory and History of the Cultural Region

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

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the

majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

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

FIELD EVALUATIONS

Methodology

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

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

Site Significance Criteria

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

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

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

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

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

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

Results of the Inventory

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

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

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

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

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

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

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

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

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

CONCLUSION AND RECOMMENDATIONS

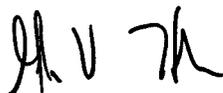
One known significant cultural resources may be adversely impacted during the development and operation of Balcron Well Unit 12-10-9-17Y. No other known significant cultural resources will be adversely impacted during the development and operation of the remaining Balcron Well Units as evaluated during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

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

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



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



Glade V Hadden
Field Supervisor

REFERENCES

Fike, Richard E. and H. Blaine Phillips II

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

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.
- 1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1984a Excavation (in) "A Nineteenth Century Ute Burial from Northeast Utah." Cultural Resource Series No. 16, Bureau of Land Management, (Richard E. Fike and Blaine Phillips II editors and principal authors) Salt Lake City.
- 1984b Cultural Resource Evaluations of Seven Proposed Well Locations Situated in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Overthrust Oil and Royalty Company, OORC-84-1, Archaeological-Environmental Research Corporation, Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.
- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.

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

Hauck, F. Richard and Glade V Hadden

- 1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.

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

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

Hauck, F. Richard and Norman, V. Garth

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

Hauck, F. Richard and Dennis Weder

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

Stokes, W. L.

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



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

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

July 27, 1995

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Balcron Monument Federal #11-20-9-18Y Well, 500' FNL, 500' FWL, NW NW,
Sec. 20, T. 9 S., R. 18 E., Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32712.

Sincerely,

R. J. Firth
Associate Director

ldc

Enclosures

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

WAPD



Operator: Equitable Resources Energy Company
Well Name & Number: Balcron Monument Federal #11-20-9-18Y
API Number: 43-047-32712
Lease: Federal U-64917
Location: NW NW Sec. 20 T. 9 S., R. 18 E.

Conditions of Approval

1. General

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

2. Notification Requirements

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

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

3. Reporting Requirements

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

5. LEASE DESIGNATION AND SERIAL NO.

Federal #U-64917

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

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Balcron Monument Federal

9. WELL NO.
#11-20-9-18Y

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

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

Sec. 20, T9S, R18E

12. COUNTY OR PARISH | 13. STATE
Uintah | UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL

DEEPEN

PLUG BACK

b. TYPE OF WELL

OIL WELL

GAS WELL

OTHER

SINGLE ZONE

MULTIPLE ZONE

2. NAME OF OPERATOR

Equitable Resources Energy Company, Balcron Oil Division

3. ADDRESS OF OPERATOR

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

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

At surface

NW NW Section 20, T9S, R18E 500' FNL, 500' FWL

At proposed prod. zone

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

Approximately 19 miles southwest of Myton, Utah

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH

5,400'

20. ROTARY OR CABLE TOOLS

Rotary

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

5,115' GL

22. APPROX. DATE WORK WILL START*

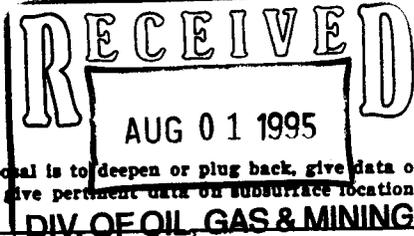
10/1/95

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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

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



JUN 24 1995

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

24.

SIGNED

Robbie Schuman
Robbie Schuman

TITLE

Regulatory and Environmental Specialist

DATE

June 21, 1995

(This space for Federal or State office use)

PERMIT NO.

43-047-32712

APPROVAL DATE

NOTICE OF APPROVAL

APPROVED BY

James Hough

TITLE

ASSISTANT DISTRICT MANAGER

DATE

JUL 28 1995

CONDITIONS OF APPROVAL, IF ANY

CONDITIONS OF APPROVAL TO OPERATOR'S COPY

*See Instructions On Reverse Side

44-050-5111-190

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Balcron Monument Federal 11-20-9-18Y

API Number: 43-047-32712

Lease Number: U-64917

Location: NWNW Sec. 20 T. 9S R. 18E

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

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

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water zone identified at \pm 880 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 680 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

Wayne P. Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

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

SURFACE USE PROGRAM
Conditions of Approval (COAs)
Equitable Resources Energy Company - Well #11-20-9-18Y

Methods For Handling Waste Materials and Disposal

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

Location Site Layout

Access to the wellpad will be from the northeast at corner #8.

Plans For Reclamation Of Location

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

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

Other Information

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

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

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

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE

Well Name: BALCRON MONUMENT FEDERAL 11-20-9-18Y

Api No. 43-047-32712

Section 20 Township 9S Range 18E County UINTAH

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 10/26/95

Time _____

How ROTARY

Drilling will commence _____

Reported by D. HACKFORD-DOGM

Telephone # _____

Date: 10/26/95 Signed: JLT

10-31-95



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

October 27, 1995

CONFIDENTIAL

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

Gentlemen:

**RE: Balcron Monument Federal #11-20-9-18Y
NW NW Section 20, T9S, R18E
Uintah County, Utah**

N. 047-32712

**This letter is notice that the subject well was spud on 10-26-95 at
5 p.m.**

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

Sincerely,

Molly Conrad

**Molly Conrad
Operations Secretary**

/mc

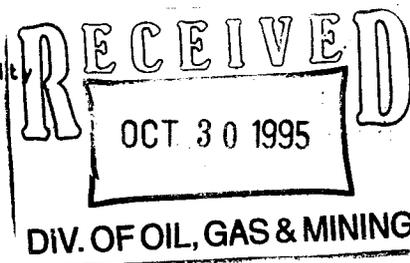
**cc: State of Utah, Division of Oil, Gas, & Mining - also enclosed is
Entity Action Form 6.
Mary Lou Dixon, Uintah Basin Health Dept. - VIA FAX
Bobbie Schuman
Lou Ann Carlson**

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	11845	43-013-31539	Balcron Monument Fed. #11-22-8-17Y	NW NW	22	8S	17E	Duchesne	10-25-95	10-25-95
WELL 1 COMMENTS: Spud of a new well. <i>Entitles added 10-31-95. Lec</i>											
A	99999	11846	43-047-32712	Balcron Monument Fed. #11-20-9-18Y	NW NW	20	9S	18E	Uintah	10-26-95	10-26-95
WELL 2 COMMENTS: Spud of a new well.											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3/89)



Molly Conrad
 Signature
 Operations Secretary 10-27-95
 Title Date
 Phone No. (406) 259-7860

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
NOV 30 1995
DIV. OF OIL, GAS & MINING

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-54917

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 Monument Fed. #11-20-9-18Y

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

9. API Well No.
43-047-32712

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NW NW Section 20, T9S, R18E
500' FNL, 500' FWL

11. County or Parish, State
Uintah County, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input 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>1st production</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

1st production on this well was November 24, 1995.

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

14. I hereby certify that the foregoing is true and correct
Signed Robbie Schuman Title Regulatory and Environmental Specialist Date November 27, 1995
(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.

FORM APPROVED
 Budget Bureau No. 1004-0135
 Expires: March 31, 1993
 5. Lease Designation and Serial No.
U-64917
 6. If Indian, Allottee or Tribe Name
n/a
 7. If Unit or CA, Agreement Designation
n/a
 8. Well Name and No.
Balcon Monument Fed. #11-20-9-18Y
 9. API Well No.
43-047-32712
 10. Field and Pool, or Exploratory Area
Monument Butte/Green River
 11. County or Parish, State
Uintah County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SURFACE: 500' FNL & 500' FWL
 TD:

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

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

(Note: Report results of multiple completion 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 Consad Title Operations Secretary Date 12-28-95

(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 11-20-9-18Y
 Production Facility Diagram

Balcron Federal 11-20-9-18Y
 NW NW Sec. 20, T9S, R18E
 Uintah County, Utah
 Federal Lease #U-64917
 500' FNL, 500' FWL

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

DIKE

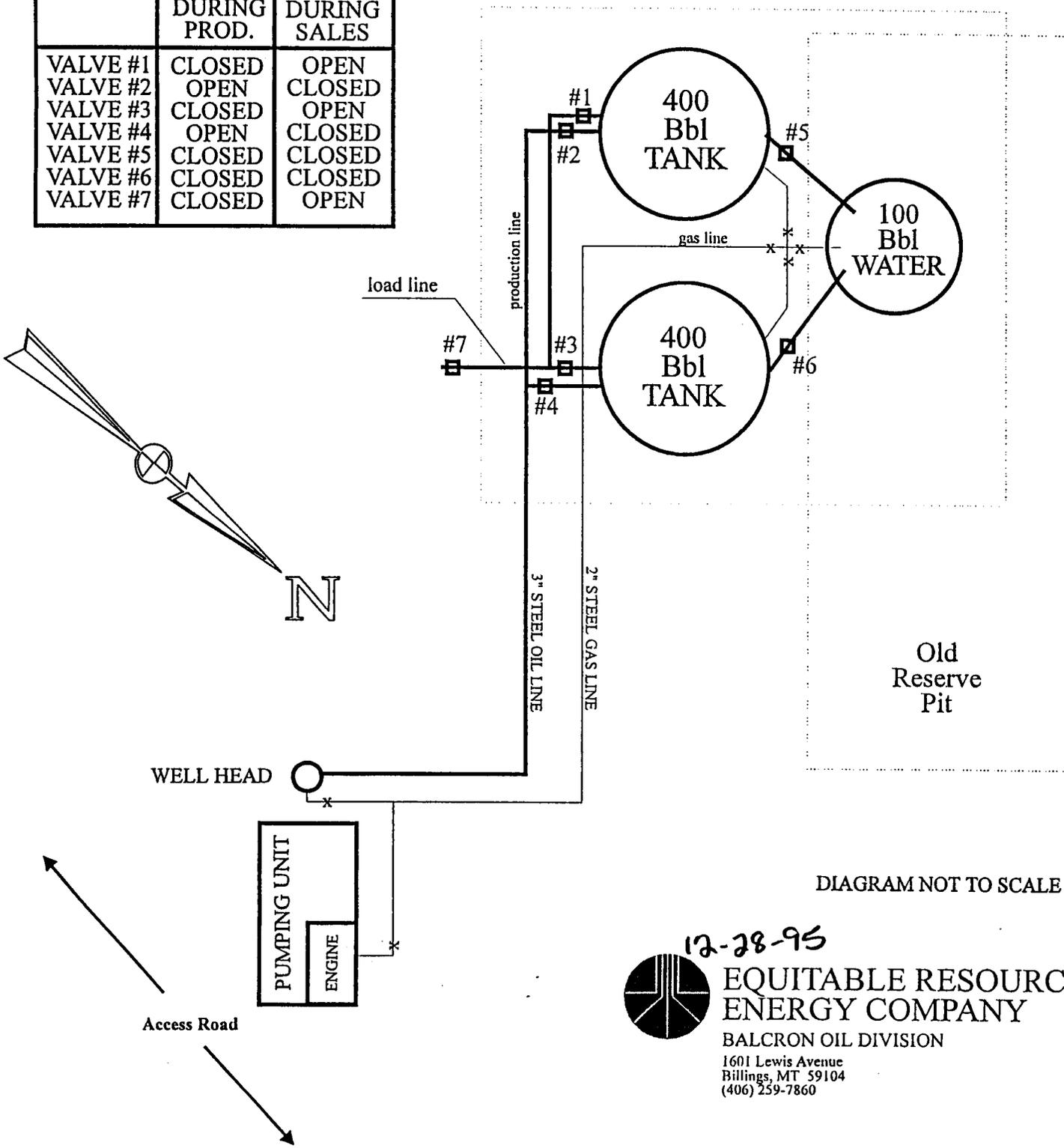


DIAGRAM NOT TO SCALE

12-28-95

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

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

5. Lease Designation and Serial No.
U-64917

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

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

8. Well Name and No.
Balcron Monument Fed. #11-20-9-18Y

9. API Well No.
43-047-32712

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

11. County or Parish, State
Uintah County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SURFACE: 500' FNL & 500' FWL
 TD: _____

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

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

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

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

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

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

Signed Molly Conrad Title Operations Secretary Date 12-28-95

(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

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Balcron Monument Federal #11-20-9-18Y

API number: 43-047-32712

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

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

Address: 1601 Lewis Avenue

Billings, MT 59102

Phone: (406) 259-7860

4. Drilling contractor: 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		
500'	1000'	8 to 10 gallons/minute	Not tested.

6. Formation tops: Please see the back of the Completion Report

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

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

Date: 12-28-95

Name & Signature: Molly Conrad *Molly Conrad*

Title: Operations Secretary

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any requirements)
 At surface 500' FNL & 500' FWL
 At top prod. interval reported below
 At total depth

14. PERMIT NO. 43-047-32712 DIVISION OF OIL & GAS ISSUED 7-27-95

5. LEASE DESIGNATION AND SERIAL NO. U-64917
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
 7. UNIT AGREEMENT NAME n/a
 8. FARM OR LEASE NAME Balcron Monument Federal
 9. WELL NO. #11-20-9-18Y
 10. FIELD AND POOL, OR WILDCAT Monument Butte/Green River
 11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA NW NW Section 20, T9S, R18E
 12. COUNTY OR PARISH Uintah 13. STATE Utah

15. DATE SPUDDED 10-26-95 16. DATE T.D. REACHED 11-3-95 17. DATE COMPL. (Ready to prod.) 11-24-95 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5115' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 5,400' 21. PLUG, BACK T.D., MD & TVD 5322' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY SFC - TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4696' - 4770' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN LD/ENL/GR DL/GR CEL MUD LOG 11-28-95 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	293.45'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	5370.05'	7-7/8"	500 sxs Super "G" w/additives 165 sxs 50/50 POZ 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"	4836.88'	n/a

31. PERFORATION RECORD (Interval, size and number)
 4696' - 4701' (4 SPF)
 4754' - 4770' (2 SPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4754'-4770'	Break down w/3124 gals 2% KCL wtr.
4696'-4701'	Break down w/2490 gals 2% KCL wtr.
4696'-4770'	Frac w/131,800# 16/30 mesh sand w/ 31,920 gals 2% KCL gelled wtr.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
11-24-95	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
12-21-95	24	n/a	→	61.69	N.M.	9	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	→	61.69	N.M.	9	34

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

35. LIST OF ATTACHMENTS n/a

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 12-28-95

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	Green River Horse Bench SS 2nd Garden Gulch Yellow Marker Douglas Creek 2nd Douglas Creek Green Marker Black Shale Facies Carbonate Marker	1165' 2064' 3574' 4148' 4312' 4544' 4672' 4944' 5103'	1165' 2064' 3574' 4148' 4312' 4544' 4672' 4944' 5103'

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-20-9-18Y

Location: NW NW Section 20, T9S, R18E

Uintah County, Utah

500' FNL & 500' FWL

PTD: 5,400' Formation: Green River

Monument Butte Prospect

Elevations: 5115' GL

Contractor: Union Drilling #17

Operator: Balcron/EREC

Spud: 5 p.m. 10-26-95

Casing: 8-5/8", 24#, J-55 @ 293.45'

5-1/2", 15.5#, J-55 @ 5370.05'

Tubing: 2-7/8", 6.5#, J-55 @ 4836.88' KB

---TIGHT HOLE---

10-27-95 TD: 307' (307') Day 1

Formation: Uintah

MW air & mist

Present Operation: WOC

MIRU. Drill rat hole, set conductor & install air head. Drill surface hole blow hole, TOOH, pull conductor & run 8-5/8" csg as follows:

Guide Shoe .60'

1 jt 8-5/8" 24# shoe jt 42.00'

Baffle plate ---

6 jts 8-5/8" 24# J-55 240.85'

283.45'

Landing jt 10.00'

8-5/8" csg set @ 293.45'

Cmt by BJ w/160 sxs Class "G" cmt w/2% CCL & 1/4#/sx Cello-seal. 3 bbls cmt back to pit. Plug down @ 4 a.m. Very Windy! Well spud @ 5 p.m. 10-26-95.

DC: \$11,652

CC: \$23,538

10-28-95 TD: 1,115' (808') Day 2

Formation: Uintah

MW air & mist

Present Operation: Drilling

WOC, NU BOP & test. Had a little trouble w/Upper kelly cock. Everything tested to 2000#, test csg to 1500# - OK. TIH, drill cmt & drill ahead & survey.

DC: \$13,083

CC: \$36,621

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-20-9-18Y

Location: NW NW Section 20, T9S, R18E
Uintah County, Utah

---TIGHT HOLE---

10-29-95 TD: 2,400' (1,285') Day 3
Formation: Green River
MW air & mist
Present Operation: Drilling
Drill, survey & clean on rig. Hole making wtr, between 500' & 1000', 8 to 10 gals/min. BGG 2 to 6 units, CG 20 to 40 units.
DC: \$16,828 **CC: \$53,449**

10-30-95 TD: 3,260' (860') Day 4
Formation: Green River
MW air & mist
Present Operation: Drilling
Drill, survey & clean on rig. BGG 50 to 60 units, CG 400 to 600 units.
DC: \$11,791 **CC: \$65,240**

10-31-95 TD: 3,811' (551') Day 5
Formation: 2nd Garden Gulch
MW 8.5 VIS 27 pH 10
Present Operation: Drilling
Drill, load hole w/fluid, circ, drop survey. Trip for bit, PU 1 drill collar & drill ahead. Trip gas - 1200 units, BGG 20 to 30 units.
DC: \$8,904 **CC: \$74,144**

11-1-95 TD: 4,247' (436') Day 6
Formation: Yellow Zone
MW 8.5 VIS 26 pH 10.1
Present Operation: Drilling
Drill & clean on rig. Yellow Marker, little sand, oil & gas show. BGG 40 to 50 units, CG 150 to 200 units.
DC: \$7,111 **CC: \$81,255**

11-2-95 TD: 4,964' (717') Day 7
Formation: Black Shale
MW 8.5 VIS 27 pH 10.1
Present Operation: Drilling
Drill, survey & clean on rig. Little sand in R, looked fair. G-3U looked good. G-3 looked real good. BGG 140 to 150 units, CG 400 to 500 units.
DC: \$10,097 **CC: \$91,352**

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-20-9-18Y

Location: NW NW Section 20, T9S, R18E

Uintah County, Utah

---TIGHT HOLE---

- 11-3-95 TD: 5,400' (436') Day 8**
Formation: B-Zone
MW 8.5 VIS 26 pH 10
Present Operation: Logging
Drill, circ for logs, drop survey, & TOOH. Logging & TIH w/collars.
DC: \$17,864 **CC: \$109,216**
- 11-4-95 TD: 5,400' (0') Day 9**
Formation: B-Zone
Present Operation: Moving Rig
TIH w/drill pipe, LD drill pipe & collars. Change pipe rams & test to 2000# - OK.
Run 5-1/2" csg as follows:
- | | |
|------------------------------------|-----------------|
| Guide Shoe | .60' |
| 1 jt 5-1/2" 15.5# shoe jt | 44.56' |
| Float Collar | 1.00' |
| 123 jts 5-1/2", 15.5#, J-55 | 5313.89' |
| | 5360.05' |
| Landing jt | 10.00' |
| 5-1/2" csg set @ | 5370.05' |
| PBTD @ | 5323.89' |
- Cmt by BJ w/500 sxs Super "G" w/47#/sx "G", 3#/sx POZ, 34#/sx BA-9, 3% salt, 2% gel, 2#/sx Hiseal2 & 1/4#/sx Celloseal. Tail w/165 sxs 50/50 POZ w/2% gel & 1/4#/sx Cello-Seal & 2#/sx Hi-Seal2. Plug down @ 7:30 p.m.. Set slips, ND, clean mud tank & RDMO. Release rig @ 11:30 p.m. 11-3-95.**
DC: \$52,382 **CC: \$161,598**
- 11-6-95 Completion**
MIRU Cannon Well Service Rig #2. NU 5M well head, NU BOP. TIH w/4-3/4" bit, 5-1/2" csg scraper, & 175 jts 2-7/8" tbg. Tag PBTD @ 5322' KB. Circ hole clean w/115 bbls 2% KCL wtr. TOOH w/tbg & tools.
DC: \$3,497 **CC: \$165,095**
- 11-7-95 Completion**
RU Schlumberger to run CBL from 5288' KB to 700' KB & perf. Cmt top @ 800' KB.
Perf 4696'-4701' (4 SPF) & 4754'-70' (2 SPF). RD Schlumberger. TIH w/RBP, retrieving tools, 2-3/8" x 11' sub, HD packer, 2-3/8" x 2-7/8" crossover, SN & tbg. Set BP @ 4720' KB, set packer @ 4677' KB, EOT @ 4684'. RU BJ to break down 4696'-4701' w/2490 gals 2% KCL wtr, ATP 2000 psi, ATR 4.3 bpm, pump 2 balls/bbl. Release packer & BP. Reset BP @ 4810' KB, EOT @ 4747' KB, packer @ 4740' KB. Break down perfs 4754'-70' w//3124 gals 2% KCL wtr. ATP 1750 psi, ATR 4.6 pbm. ISIP 850, pump 2 balls/bbls. Flow back 7 bbls, RD BJ, reset packer @ 4677' KB. Made 13 swab runs & recovered 62 BW, trace oil, gas cut. 150 BLWTR.
Dc: \$7,746 **CC: \$172,841**

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-20-9-18Y

**Location: NW NW Section 20, T9S, R18E
Uintah County, Utah**

---TIGHT HOLE---

- 11-8-95 Completion**
FL @ 2400', made 29 swab runs. Recovered 74 BW & 1/2 BO. Last 3 runs no fluid entry. Tag swabbed dry. SWIFN. 130 BW still above packer.
DC: \$1,943 Cc: \$174,784
- 11-9-95 Completion**
FL @ 2950, 1st run 80% oil. Made 4 swab runs. Recovered 6 BO & 6 BW, gas cut.
- | TIME | FL | Recovered |
|------|-------|-------------------|
| 0910 | 4550 | 1/4 bbls, 25% oil |
| 1030 | 4500' | 1/4 bbls 25% oil |
| 1145 | 4550' | 1/4 bbl 45% oil |
| 1300 | 4400' | 1/2 bbls 50% oil |
| 1415 | 4550' | 1/4 bbl 60% oil |
| 1535 | 4600' | 0 |
- Total oil recovered 6.5 bbls, total wtr recovered 7 bbls. RU Allniter hot oil & Willies Hot oil. Pump condensate squeeze 4696'-4701' & 4754'-70' w/5469 gals condensate from Monument Butte Gas Plant Ticket #31. ATP 1500 psi, ATR 2.9 BPM. ISIP 1400 psi. 25 bbls to load hole. SWIFN.
DC: \$2,351 CC: \$177,135
- 11-10-95 Completion**
FL @ surface, flow back 5 bbls condensate. Made 10 swab runs, recovered 3 bbls condensate & 0 BW. Last run FL @ 4400'. 250' of entry in 1-1/4 hr. Release packer, TOOH w/tbg, packer & retrieving tools. SWIFN. 69 BLWTR, 92 bbls of condensate to recover.
DC: \$1,235 CC: \$178,370
- 11-13-95 Completion**
RU BJ Services to frac 4696'-4770' w/131,800# 16/30 mesh sand w/31,929 gals 2% KCL gelled wtr. ATP 2000 psi, ATR 31.7 bpm. ISIP 1800, 5 min 1700 psi, 10 min 1550 psi, 15 min 1500 psi. Start forced closure flow back .5 bpm & 1 bpm. Flowed back 370 BW & trace of sand. Final pressure on flow back 25 psi. TIH w/retrieving tools, 2-3/8" x 4' sub, HD packer, 2-3/8" x 2-7/8" crossover, SN & 151 jts 2-7/8" tbg. Tag sand @ 4646' KB. Circ down to BP @ 4810' KB. Pull up & set packer @ 4677' KB. SIWFN. 459 BLWTR, 92 bbls condensate to recover.
DC: \$37,621 CC: \$215,991

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #11-20-9-18Y

Location: NW NW Section 20, T9S, R18E
Uintah County, Utah

---TIGHT HOLE---

11-14-95 **Completion**

FL @ surface. Bleed well down, flow back 5 BW, made 30 swab runs, recovered 28 BO w/good gas. Recovered 121 BW, no sand last 5 runs. FL 2100' last 5 runs, 20% oil last 4 runs. Release packer, tag sand @ 4797' KB. Circ down to BP @ 4810' KB, release packer. TOOH w/tbg, packer, retrieving tool, & BP. SWIFN. 333 BLWTR, 92 bbls condensate to recover.

DC: \$2,277

CC: \$218,268

11-15-95 **Completion**

TIH w/tbg production string as follows:

1 - Notched-Pinned Collar	.40'	4836.88'
1 - jt 2-7/8" EUE J-55 6.5#	28.69'	4836.48'
1 - Perf sub 2-7/8" x 4'	4.20'	4807.79'
1 - SN	1.10'	4803.59'
4 - jts 2-7/8" EUE J-55 6.5#	126.13'	4802.49'
1 - Tbg Anchor 2-7/8" x 5-1/2"	2.35'	4676.36'
152 - jts 2-7/8" EUE J-55 6.5#	4664.01'	4674.01'
KB	10.00'	

ND BOP, ND 5M wellhead, NU 3M well head. Set TA w/15" tension, 12,000#. Flange up well head. Flush tbg w/25 bbls 2% KCL wtr. TIH w/rod production string as follows:

1 - DHP 2-1/2" x 1-1/2" x 16' RWAC w/pa plunger
191 - 3/4" x 25' D-61 Plain Rods
1 - 3/4" x 6' Pony
1 - Polish Rod 1-1/4" x 22'

Pressure test tbg 1000 psi - OK. Used 17 bbls 2% KCL wtr. RDMO. 375 BLWTR, 92 bbls of condensate to recover.

DC: \$19,675

CC: \$237,943

11-24-95 **Well started pumping @ 1:30 p.m. Jim Walker will be pumping.**



**EQUITABLE RESOURCES
ENERGY COMPANY**

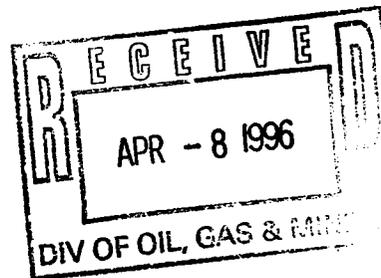
BALCRON OIL DIVISION

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: 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 Footage: See attached listing County: See attached list QQ, Sec., T., R., M.: State: UTAH	8. Well Name and Number: See attached listing
	9. API Well Number: See attached listing
	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.

APR - 8 1996

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

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LE 7-SJ	✓
2-DT 58-FILE	✓
3-VLD (GIL)	✓
4-RJH	✓
5-LE	✓
6-FILM	✓

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

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

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

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	<u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>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>097-32712</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (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) Scteo 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.
- DTs 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

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

FILING

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

COMMENTS

9/6/04/10 BLM/BIA "Formal approval not necessary"

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ BALCRON FEDERAL 42-19Y 4304732616 11756 09S 18E 19	GRRV					
✓ BALCRON FEDERAL 12-20Y 4304732617 11758 09S 18E 20	GRRV					
✓ BALCRON FEDERAL 32-19Y 4304732615 11771 09S 18E 19	GRRV					
✓ BALCRON MONUMENT FEDERAL 24-25 4304732669 11825 08S 17E 25	GRRV					
✓ BALCRON MONUMENT FEDERAL 34-25 4304732670 11831 08S 17E 25	GRRV					
✓ BALCRON MONUMENT FEDERAL 22-22-8-17Y 4301331538 11842 08S 17E 22	GRRV					
✓ BALCRON MONUMENT FEDERAL 11-22-8-17Y 4301331539 11845 08S 17E 22	GRRV					
✓ BALCRON MONUMENT FEDERAL 11-20-9-18Y 4304732712 11846 09S 18E 20	GRRV					
✓ BALCRON MONUMENT FEDERAL 22-20-9-18Y 4304732711 11852 09S 18E 20	GRRV					
✓ BALCRON MONUMENT FEDERAL 14-3-9-17Y 4301331535 11857 09S 17E 3	GRRV					
✓ BALCRON MONUMENT FEDERAL 21-10-9-17Y 4301331537 11859 09S 17E 10	GRRV					
✓ BALCRON MONUMENT STATE 21-2-9-17Y 4304732703 11863 09S 17E 2	GRRV					
✓ BALCRON MONUMENT FEDERAL 12-10-9-17Y 4301331536 11867 09S 17E 10	GRRV					
TOTALS						

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

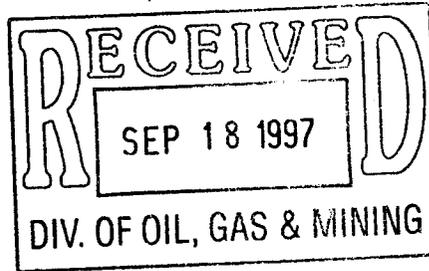
UTAH - ALL

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	WW	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-WW	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	WW	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	WW	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	1488' 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	WW	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	WW	Green River	U-096547	43-013-31374	1048' FSL, 446' FWL	Vernal	Jonah



ERI

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



43-047-32712
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	
						Average GOR:	5.1363	
Balcron Federal #31-19Y	4/21/95	9/20/95	1/8	35	21	21.43	0.9799	
		2/20/97	1/8	30	19	7.93	2.3960	
		3/22/97	1/8	35	21	6.48	3.2407	
						Average GOR:	2.2055	
Balcron Federal #42-19Y	4/29/95	9/19/95	1/4	45	80	47.32	1.6906	
		11/26/96	1/8	73	37	13.43	2.7550	
		2/19/97	1/4	25	55	10.82	5.0832	
		3/22/97	1/4	13	36	9.08	3.9648	
						Average GOR:	3.3734	
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

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

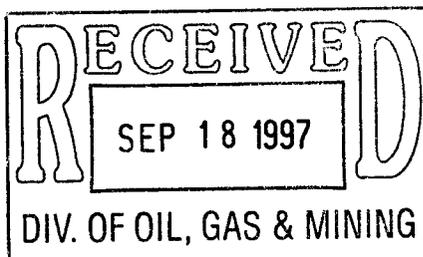
Gas Volume (mscfpd)	Payout (Days)	Payout (Years)
25	11703	32.06
50	5851	16.03
75	3901	10.69
100	2926	8.02
125	2341	6.41
150	1950	5.34
175	1672	4.58
200	1463	4.01
225	1300	3.56
250	1170	3.21
275	1064	2.91
300	975	2.67
325	900	2.47
350	836	2.29
375	780	2.14
400	731	2.00



**EQUITABLE RESOURCES
ENERGY COMPANY**
WESTERN REGION

Daily Production History

Balcon Federal #11-20Y
NW NW Sec.20, 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)
11/23/95								
11/24/95	0.00	0.00			Start Up			
11/25/95	78.75	23.32		79		0.000000	0	0
11/26/95	99.94	18.33		179		0.000000	0	0
11/27/95	99.93	13.32		279		0.000000	0	0
11/28/95	67.11	71.60		346		0.000000	0	0
11/29/95	60.94	28.98		407		0.000000	0	0
11/30/95	53.30	13.33		460		0.000000	0	0
12/01/95	96.60			557		0.000000	0	0
12/02/95	104.50	1.66		661		0.000000	0	0
12/03/95	36.65	21.64		698		0.000000	0	0
12/04/95	0.00			698	Workover	0.000000	0	0
12/05/95	0.00			698		0.000000	0	0
12/06/95	0.00			698		0.000000	0	0
12/07/95	0.00			698		0.000000	0	0
12/08/95	0.00			698		0.000000	0	0
12/09/95	12.99			711	r-49.98	0.000000	0	0
12/10/95	48.30	9.99		759		0.000000	0	0
12/11/95	81.60			841		0.000000	0	0
12/12/95	79.17	11.66		920		0.000000	0	0
12/13/95	97.87			1018		0.000000	0	0
12/14/95	81.61	8.32		1099		0.000000	0	0
12/15/95	71.73	10.00		1171		0.000000	0	0
12/16/95	86.28			1257		0.000000	0	0
12/17/95	84.94	8.33		1342		0.000000	0	0
12/18/95	88.11			1430	oil sale - 275.56 bbls	0.000000	0	0
12/19/95	38.31	9.99		1469		0.000000	0	0
12/20/95	20.84			1489		0.000000	0	0
12/21/95	76.24			1566		0.000000	0	0
12/22/95	64.95	5.00		1631		0.000000	0	0
12/23/95	69.97			1701		0.000000	0	0
12/24/95	67.06	6.66	58.92	1768	30 day production	0.000000	0	0
12/25/95	80.36		58.98	1848	Assume Gas Venting Starts.	5.312900	427	427
12/26/95	63.29	3.34	57.76	1911		5.312900	336	763
12/27/95	69.96		56.76	1981		5.312900	372	1135
12/28/95	61.38	6.66	56.57	2043		5.312900	326	1461
12/29/95	69.55		56.85	2112		5.312900	370	1831
12/30/95	69.95		57.41	2182		5.312900	372	2202
12/31/95	69.98		56.52	2252		5.312900	372	2574
01/01/96	83.29	11.67	55.81	2335		5.312900	443	3016
01/02/96	80.79		57.28	2416		5.312900	429	3446
01/03/96	78.28		59.89	2495		5.312900	416	3862
01/04/96	8.33		60.17	2503	r-59.96	5.312900	44	3906
01/05/96	74.19	14.99	62.64	2577		5.312900	394	4300
01/06/96	74.97		65.14	2652		5.312900	398	4698
01/07/96	83.28		67.92	2735		5.312900	442	5141
01/08/96	66.23		69.69	2802		5.312900	352	5493
01/09/96	74.16	6.67	70.56	2876		5.312900	394	5887
01/10/96	79.95		70.50	2956		5.312900	425	6311
01/11/96	66.21	3.33	70.07	3022		5.312900	352	6663
01/12/96	76.62		69.36	3098		5.312900	407	7070
01/13/96	75.83	2.50	69.17	3174		5.312900	403	7473
01/14/96	69.95		69.11	3244		5.312900	372	7845
01/15/96	78.29		68.84	3323		5.312900	416	8261
01/16/96	69.97		68.34	3393		5.312900	372	8632

Balcron Federal #11-20Y

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)
01/17/96	75.80	4.17	67.93	3468		5.312900	403	9035
01/18/96	70.79		69.02	3539		5.312900	376	9411
01/19/96	78.28		70.93	3617		5.312900	416	9827
01/20/96	79.59	3.33	71.04	3697		5.312900	423	10250
01/21/96	66.63		71.10	3764		5.312900	354	10604
01/22/96	72.45		71.18	3836		5.312900	385	10989
01/23/96	74.70		71.43	3911	60 day production	5.312900	397	11386
01/24/96	70.78		71.12	3982		5.312900	376	11762
01/25/96	73.29		71.45	4055		5.312900	389	12151
01/26/96	58.29	6.67	71.06	4113		5.312900	310	12461
01/27/96	89.52		72.00	4203		5.312900	476	12937
01/28/96	49.15		71.32	4252		5.312900	261	13198
01/29/96	58.72	15.00	70.94	4310	sold 194.46 bbls	5.312900	312	13510
01/30/96	64.95		70.78	4375		5.312900	345	13855
01/31/96	68.29		70.28	4444	sold 178.45 bbls	5.312900	363	14218
02/01/96	49.98	6.66	69.25	4494	Hot Oil w/ 59.99 bbls	5.312900	266	14483
02/02/96	14.15		67.11	4508	R - 59.99	5.312900	75	14558
02/03/96	56.63		68.72	4564		5.312900	301	14859
02/04/96	54.97		68.08	4619	sold 227.36 bbls	5.312900	292	15151
02/05/96	68.31		67.86	4688		5.312900	363	15514
02/06/96	63.30	5.83	67.19	4751		5.312900	336	15850
02/07/96	70.78		67.34	4822	sold 281.15 bbls	5.312900	376	16226
02/08/96	66.62		67.09	4888		5.312900	354	16580
02/09/96	61.25	3.33	66.47	4950		5.312900	325	16906
02/10/96	77.47		66.84	5027		5.312900	412	17317
02/11/96	53.30		66.07	5080		5.312900	283	17601
02/12/96	59.97		65.54	5140	sold 265.67 bbls	5.312900	319	17919
02/13/96	56.64		65.10	5197		5.312900	301	18220
02/14/96	63.31		64.60	5260		5.312900	336	18556
02/15/96	56.62		64.15	5317	sold 278.30 bbls	5.312900	301	18857
02/16/96	58.30		63.57	5375		5.312900	310	19167
02/17/96	59.96		63.21	5435		5.312900	319	19486
02/18/96	73.40	3.33	63.04	5509		5.312900	390	19876
02/19/96	34.99		61.56	5544		5.312900	186	20061
02/20/96	54.97		61.17	5599		5.312900	292	20353
02/21/96	56.63		60.64	5655		5.312900	301	20654
02/22/96	51.64		59.87	5707	90 day production	5.312900	274	20929
02/23/96	51.66		59.24	5759		5.312900	274	21203
02/24/96	66.64		59.01	5825		5.312900	354	21557
02/25/96	41.64		58.46	5867		5.312900	221	21778
02/26/96	49.96		57.14	5917		5.312900	265	22044
02/27/96	49.97		57.17	5967		5.312900	265	22309
02/28/96	51.63		56.93	6018		5.312900	274	22584
02/29/96	50.43		56.45	6069		5.312900	268	22852
03/01/96	53.32	1.66	55.95	6122		5.312900	283	23135
03/02/96	54.96		56.11	6177		5.312900	292	23427
03/03/96	43.31		57.09	6220		5.312900	230	23657
03/04/96	51.64		56.92	6272		5.312900	274	23931
03/05/96	43.31	3.34	56.53	6315		5.312900	230	24161
03/06/96	0.00		54.25	6315	r-53.31	5.312900	0	24161
03/07/96	35.82		53.34	6351	r-6.66	5.312900	190	24352
03/08/96	41.64		52.37	6393		5.312900	221	24573
03/09/96	56.63		52.03	6449		5.312900	301	24874
03/10/96	43.31		51.44	6493		5.312900	230	25104
03/11/96	49.96		50.52	6543		5.312900	265	25369
03/12/96	47.50	3.33	50.33	6590		5.312900	252	25622
03/13/96	51.65		50.05	6642		5.312900	274	25896
03/14/96	48.72		49.78	6691		5.312900	259	26155
03/15/96	48.30		49.28	6739		5.312900	257	26412
03/16/96	59.98		49.40	6799		5.312900	319	26730
03/17/96	35.41	3.33	48.63	6834		5.312900	188	26918
03/18/96	46.64		48.19	6881		5.312900	248	27166
03/19/96	48.30		47.35	6929		5.312900	257	27423
03/20/96	44.97		47.68	6974		5.312900	239	27662
03/21/96	44.97		47.35	7019		5.312900	239	27901
03/22/96	43.31	3.33	46.91	7062		5.312900	230	28131
03/23/96	42.13		46.59	7105		5.312900	224	28355
03/24/96	44.59		46.35	7149		5.312900	237	28592

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
03/25/96	44.98		45.63	7194		5.312900	239	28830
03/26/96	41.63		45.63	7236		5.312900	221	29052
03/27/96	44.98		45.47	7281		5.312900	239	29291
03/28/96	41.65		45.19	7322		5.312900	221	29512
03/29/96	41.65		44.86	7364		5.312900	221	29733
03/30/96	41.69		44.57	7406		5.312900	221	29955
03/31/96	43.31		44.23	7449		5.312900	230	30185
04/01/96	41.64		43.79	7491		5.312900	221	30406
04/02/96	0.00		42.34	7491	r-48.30	5.312900	0	30406
04/03/96	19.99		41.29	7511	r-11.66	5.312900	106	30512
04/04/96	38.31		41.12	7549		5.312900	204	30716
04/05/96	34.97		42.29	7584		5.312900	186	30902
04/06/96	38.31		42.37	7622		5.312900	204	31105
04/07/96	41.64		42.37	7664		5.312900	221	31326
04/08/96	42.93	3.33	41.91	7707		5.312900	228	31554
04/09/96	43.31		41.91	7750		5.312900	230	31785
04/10/96	43.30		41.69	7794		5.312900	230	32015
04/11/96	44.97		41.61	7838		5.312900	239	32253
04/12/96	38.32		41.16	7877		5.312900	204	32457
04/13/96	38.32	1.66	40.82	7915		5.312900	204	32661
04/14/96	39.98		40.54	7955		5.312900	212	32873
04/15/96	38.31		39.82	7993		5.312900	204	33077
04/16/96	38.31		39.91	8032		5.312900	204	33280
04/17/96	41.64		39.75	8073		5.312900	221	33501
04/18/96	36.64		39.36	8110		5.312900	195	33696
04/19/96	38.31		39.14	8148		5.312900	204	33900
04/20/96	38.31	1.67	38.91	8187		5.312900	204	34103
04/21/96	40.42		38.82	8227		5.312900	215	34318
04/22/96	35.00		38.58	8262		5.312900	186	34504
04/23/96	36.64		38.32	8299		5.312900	195	34698
04/24/96	40.81		38.18	8339		5.312900	217	34915
04/25/96	33.31		37.90	8373		5.312900	177	35092
04/26/96	34.98		37.57	8408		5.312900	186	35278
04/27/96	34.99		37.34	8443		5.312900	186	35464
04/28/96	27.08	3.33	36.86	8470		5.312900	144	35608
04/29/96	36.65		36.69	8506		5.312900	195	35803
04/30/96	33.31		36.36	8540		5.312900	177	35980
05/01/96	34.98		36.13	8575		5.312900	186	36165
05/02/96	31.64		37.19	8606		5.312900	168	36334
05/03/96	33.31		37.63	8640		5.312900	177	36510
05/04/96	32.06		37.43	8672		5.312900	170	36681
05/05/96	29.98		37.26	8702		5.312900	159	36840
05/06/96	30.44	0.83	37.00	8732		5.312900	162	37002
05/07/96	3.33		35.72	8736		5.312900	18	37020
05/08/96	30.00		35.29	8766		5.312900	159	37179
05/09/96	31.65		34.90	8797		5.312900	168	37347
05/10/96	31.64		34.51	8829		5.312900	168	37515
05/11/96	31.65		34.07	8860		5.312900	168	37683
05/12/96	31.65		33.84	8892		5.312900	168	37851
05/13/96	0.00		32.57	8892		5.312900	0	37851
05/14/96	8.33		31.51	8900		5.312900	44	37896
05/15/96	28.32		31.18	8929		5.312900	150	38046
05/16/96	26.66	1.66	30.79	8955		5.312900	142	38188
05/17/96	27.49		30.32	8983		5.312900	146	38334
05/18/96	31.65		30.15	9015		5.312900	168	38502
05/19/96	31.65		29.93	9046		5.312900	168	38670
05/20/96	33.31		29.76	9080		5.312900	177	38847
05/21/96	31.64		29.47	9111		5.312900	168	39015
05/22/96	33.73		29.43	9145		5.312900	179	39194
05/23/96	34.97		29.37	9180		5.312900	186	39380
05/24/96	31.65		29.07	9212		5.312900	168	39548
05/25/96	34.59		29.11	9246		5.312900	184	39732
05/26/96	33.34		29.06	9279		5.312900	177	39909
05/27/96	31.65		28.95	9311		5.312900	168	40077
05/28/96	33.31		29.15	9344		5.312900	177	40254
05/29/96	31.64		28.99	9376		5.312900	168	40423
05/30/96	33.32		28.99	9409		5.312900	177	40600
05/31/96	31.65		28.88	9441		5.312900	168	40768

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)
06/01/96	31.65		28.88	9473		5.312900	168	40936
06/02/96	29.58		28.75	9502		5.312900	157	41093
06/03/96	34.95		28.85	9537		5.312900	186	41279
06/04/96	28.32		28.79	9566		5.312900	150	41429
06/05/96	0.00		27.78	9566	R-43.31	5.312900	0	41429
06/06/96	16.65		28.22	9582	R-16.66	5.312900	88	41518
06/07/96	26.65		28.11	9609		5.312900	142	41659
06/08/96	28.32		28.00	9637		5.312900	150	41810
06/09/96	29.98	1.66	27.94	9667		5.312900	159	41969
06/10/96	29.14		27.86	9696		5.312900	155	42124
06/11/96	26.65		27.69	9723		5.312900	142	42265
06/12/96	34.98		28.86	9758		5.312900	186	42451
06/13/96	29.98		29.58	9788		5.312900	159	42611
06/14/96	28.33	1.66	29.58	9816		5.312900	151	42761
06/15/96	27.49		29.61	9844		5.312900	146	42907
06/16/96	28.73		29.65	9872		5.312900	153	43060
06/17/96	31.64		29.65	9904		5.312900	168	43228
06/18/96	28.32		29.54	9932		5.312900	150	43378
06/19/96	28.31		29.37	9961		5.312900	150	43529
06/20/96	28.32	1.66	29.26	9989		5.312900	150	43679
06/21/96	27.50		29.05	10017		5.312900	146	43825
06/22/96	29.98		28.89	10047		5.312900	159	43985
06/23/96	29.98		28.83	10076		5.312900	159	44144
06/24/96	26.65		28.57	10103		5.312900	142	44285
06/25/96	27.06		28.36	10130		5.312900	144	44429
06/26/96	27.07		28.21	10157		5.312900	144	44573
06/27/96	28.32		28.04	10186		5.312900	150	44723
06/28/96	29.56		27.97	10215		5.312900	157	44880
06/29/96	26.65		27.75	10242		5.312900	142	45022
06/30/96	26.65		27.58	10268		5.312900	142	45164
07/01/96	28.32		27.47	10297		5.312900	150	45314
07/02/96	0.00		26.48	10297	r-43.30	5.312900	0	45314
07/03/96	8.32		25.60	10305	r-16.66	5.312900	44	45358
07/04/96	23.33		25.43	10328		5.312900	124	45482
07/05/96	25.01		26.26	10353		5.312900	133	45615
07/06/96	23.33		26.49	10377		5.312900	124	45739
07/07/96	28.31		26.54	10405		5.312900	150	45890
07/08/96	23.32		26.37	10428		5.312900	124	46013
07/09/96	24.98		26.21	10453		5.312900	133	46146
07/10/96	24.98		26.07	10478		5.312900	133	46279
07/11/96	24.99		26.01	10503		5.312900	133	46412
07/12/96	24.59		25.67	10528		5.312900	131	46542
07/13/96	24.99		25.50	10553		5.312900	133	46675
07/14/96	28.32		25.50	10581		5.312900	150	46825
07/15/96	26.65		25.47	10608		5.312900	142	46967
07/16/96	28.73		25.47	10637		5.312900	153	47120
07/17/96	21.66		25.14	10658		5.312900	115	47235
07/18/96	24.98		25.03	10683		5.312900	133	47368
07/19/96	25.01		24.92	10708		5.312900	133	47500
07/20/96	31.64		25.03	10740		5.312900	168	47668
07/21/96	21.66		24.83	10762		5.312900	115	47784
07/22/96	26.64		24.72	10788		5.312900	142	47925
07/23/96	23.74		24.52	10812		5.312900	126	48051
07/24/96	23.32		24.40	10835		5.312900	124	48175
07/25/96	25.41		24.35	10861		5.312900	135	48310
07/26/96	24.99		24.28	10886		5.312900	133	48443
07/27/96	25.81		24.20	10911		5.312900	137	48580
07/28/96	28.32		24.16	10940		5.312900	150	48730
07/29/96	21.65		23.99	10961		5.312900	115	48846
07/30/96	24.98		23.93	10986		5.312900	133	48978
07/31/96	21.65		23.71	11008		5.312900	115	49093
08/01/96	26.65		24.60	11035		5.312900	142	49235
08/02/96	18.75		24.95	11053		5.312900	100	49334
08/03/96	86.20	1.67	27.04	11140	drain treater transferred to	5.312900	458	49792
08/04/96	19.99		26.87	11160	production	5.312900	106	49899
08/05/96	16.65	5.00	26.65	11176		5.312900	88	49987
08/06/96	23.32		26.49	11200		5.312900	124	50111
08/07/96	24.99		26.54	11225		5.312900	133	50244

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)
08/08/96	26.65		26.60	11251		5.312900	142	50385
08/09/96	21.66		26.49	11273		5.312900	115	50500
08/10/96	21.65		26.38	11295		5.312900	115	50615
08/11/96	23.32		26.33	11318		5.312900	124	50739
08/12/96	23.31		26.28	11341		5.312900	124	50863
08/13/96	23.34		26.11	11365		5.312900	124	50987
08/14/96	21.67		25.94	11386		5.312900	115	51102
08/15/96	20.00		25.65	11406		5.312900	106	51209
08/16/96	0.00		24.93	11406	r-48.34	5.312900	0	51209
08/17/96	9.58		24.42	11416	r-11.67	5.312900	51	51259
08/18/96	33.33		24.70	11449		5.312900	177	51437
08/19/96	19.99		24.31	11469		5.312900	106	51543
08/20/96	16.65		24.14	11486		5.312900	88	51631
08/21/96	19.99		23.92	11506		5.312900	106	51737
08/22/96	18.32		23.74	11524		5.312900	97	51835
08/23/96	23.32		23.74	11547		5.312900	124	51959
08/24/96	16.66		23.45	11564		5.312900	89	52047
08/25/96	16.66		23.17	11581		5.312900	89	52136
08/26/96	21.66		23.03	11602		5.312900	115	52251
08/27/96	22.48		22.84	11625		5.312900	119	52370
08/28/96	21.66		22.84	11647		5.312900	115	52485
08/29/96	19.98		22.67	11667		5.312900	106	52591
08/30/96	23.32		22.73	11690		5.312900	124	52715
08/31/96	23.32		22.61	11713		5.312900	124	52839
09/01/96	14.99		22.49	11728		5.312900	80	52919
09/02/96	18.75		20.24	11747		5.312900	100	53018
09/03/96	23.34		20.35	11770		5.312900	124	53142
09/04/96	19.98		20.46	11790		5.312900	106	53249
09/05/96	18.33		20.30	11809		5.312900	97	53346
09/06/96	22.48		20.21	11831		5.312900	119	53465
09/07/96	19.98		19.99	11851		5.312900	106	53572
09/08/96	21.66		19.99	11873		5.312900	115	53687
09/09/96	18.32		19.88	11891		5.312900	97	53784
09/10/96	17.91		19.70	11909		5.312900	95	53879
09/11/96	26.65		19.81	11936		5.312900	142	54021
09/12/96	15.00		19.53	11951		5.312900	80	54100
09/13/96	23.32		19.59	11974		5.312900	124	54224
09/14/96	18.32		19.53	11992		5.312900	97	54322
09/15/96	23.32		20.31	12015		5.312900	124	54446
09/16/96	21.65		20.71	12037		5.312900	115	54561
09/17/96	23.73		20.39	12061		5.312900	126	54687
09/18/96	19.99		20.39	12081	Hot oiled 59.96 bbls	5.312900	106	54793
09/19/96	0.00		19.84	12081	r-36.64	5.312900	0	54793
09/20/96	0.00		19.17	12081	r-23.32	5.312900	0	54793
09/21/96	22.50		19.31	12103		5.312900	120	54912
09/22/96	16.67		19.09	12120		5.312900	89	55001
09/23/96	21.67		19.25	12142		5.312900	115	55116
09/24/96	18.32		19.31	12160		5.312900	97	55213
09/25/96	22.48		19.34	12183		5.312900	119	55333
09/26/96	23.32		19.37	12206		5.312900	124	55457
09/27/96	16.66		19.20	12222		5.312900	89	55545
09/28/96	21.65		19.25	12244		5.312900	115	55660
09/29/96	28.32		19.42	12272		5.312900	150	55811
09/30/96	17.08		19.21	12290		5.312900	91	55902
10/01/96	24.99		19.55	12315		5.312900	133	56034
10/02/96	16.66		19.48	12331		5.312900	89	56123
10/03/96	19.99		19.37	12351		5.312900	106	56229
10/04/96	21.23		19.41	12372		5.312900	113	56342
10/05/96	18.32		19.41	12391		5.312900	97	56439
10/06/96	26.65		19.55	12417		5.312900	142	56581
10/07/96	18.32		19.49	12436		5.312900	97	56678
10/08/96	16.66		19.32	12452		5.312900	89	56767
10/09/96	21.67		19.44	12474		5.312900	115	56882
10/10/96	21.67		19.56	12496		5.312900	115	56997
10/11/96	23.32		19.45	12519		5.312900	124	57121
10/12/96	19.99		19.62	12539		5.312900	106	57227
10/13/96	16.66		19.39	12556		5.312900	89	57315
10/14/96	20.82		19.48	12576		5.312900	111	57426

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
10/15/96	18.32		19.31	12595		5.312900	97	57523
10/16/96	19.99		19.26	12615		5.312900	106	57630
10/17/96	16.65		19.02	12631		5.312900	88	57718
10/18/96	20.82		19.05	12652	Hot oiled 60.01bbbls	5.312900	111	57829
10/19/96	0.00		19.05	12652	r-43.36	5.312900	0	57829
10/20/96	26.66		19.94	12679	r-16.66	5.312900	142	57970
10/21/96	23.32		19.96	12702		5.312900	124	58094
10/22/96	23.32		20.18	12726		5.312900	124	58218
10/23/96	19.98		20.13	12746		5.312900	106	58324
10/24/96	18.32		20.13	12764		5.312900	97	58422
10/25/96	14.99		19.88	12779		5.312900	80	58501
10/26/96	16.66		19.66	12796		5.312900	89	58590
10/27/96	20.01		19.77	12816		5.312900	106	58696
10/28/96	15.00		19.55	12831		5.312900	80	58776
10/29/96	15.00		19.10	12846		5.312900	80	58855
10/30/96	21.65		19.25	12867		5.312900	115	58970
10/31/96	18.32		19.03	12885		5.312900	97	59068
11/01/96	16.66		19.03	12902		5.312900	89	59156
11/02/96	18.32		18.98	12920		5.312900	97	59254
11/03/96	21.68		18.99	12942		5.312900	115	59369
11/04/96	13.33		18.83	12955		5.312900	71	59440
11/05/96	14.99		18.44	12970		5.312900	80	59519
11/06/96	16.66		18.38	12987		5.312900	89	59608
11/07/96	0.00		17.83	12987		5.312900	0	59608
11/08/96	0.00		17.10	12987	Hot oiled 39.98 bbbls	5.312900	0	59608
11/09/96	0.00		16.38	12987	r-28.32	5.312900	0	59608
11/10/96	36.65		16.83	13024	r-11.65	5.312900	195	59803
11/11/96	19.99		16.83	13044		5.312900	106	59909
11/12/96	21.65		16.99	13065		5.312900	115	60024
11/13/96	16.66		16.85	13082		5.312900	89	60112
11/14/96	24.99		17.08	13107		5.312900	133	60245
11/15/96	14.99		16.91	13122		5.312900	80	60325
11/16/96	11.66		16.74	13134		5.312900	62	60387
11/17/96	23.34		16.83	13157		5.312900	124	60511
11/18/96	15.00		17.33	13172		5.312900	80	60590
11/19/96	23.33		17.22	13195		5.312900	124	60714
11/20/96	14.99		16.94	13210	Gas Tested @ 90 MSCFPD	5.312900	80	60794
11/21/96	11.66		16.55	13222	GOR @ 5.3129 MSCFG/STBO	5.307154	62	60856
11/22/96	26.65		16.77	13249		5.301408	141	60997
11/23/96	21.65		16.88	13270		5.295662	115	61112
11/24/96	18.32		16.99	13289		5.289915	97	61209
11/25/96	14.99		16.94	13304		5.284169	79	61288
11/26/96	15.00		16.77	13319		5.278423	79	61367
11/27/96	18.32		16.88	13337		5.272677	97	61464
11/28/96	21.66		17.10	13359		5.266931	114	61578
11/29/96	14.99		16.88	13374		5.261185	79	61657
11/30/96	16.66		16.83	13390		5.255438	88	61744
12/01/96	13.32		16.72	13404		5.249692	70	61814
12/02/96	11.66		16.49	13415		5.243946	61	61875
12/03/96	24.99		16.60	13440		5.238200	131	62006
12/04/96	0.00		16.16	13440		5.232454	0	62006
12/05/96	19.98		16.33	13460		5.226708	104	62111
12/06/96	19.99		16.44	13480		5.220962	104	62215
12/07/96	16.66		16.99	13497		5.215215	87	62302
12/08/96	18.32		17.60	13515		5.209469	95	62397
12/09/96	18.32		18.21	13534		5.203723	95	62493
12/10/96	16.65		17.55	13550		5.197977	87	62579
12/11/96	11.66		17.27	13562		5.192231	61	62640
12/12/96	20.82		17.24	13583		5.186485	108	62748
12/13/96	16.66		17.24	13599	hot oiled 59.97 bbbls	5.180738	86	62834
12/14/96	0.00		16.41	13599	r-34.98	5.174992	0	62834
12/15/96	0.00		15.91	13599	r-19.99	5.169246	0	62834
12/16/96	8.32		15.80	13608	r-10.00	5.163500	43	62877
12/17/96	17.49		15.60	13625		5.157754	90	62967
12/18/96	21.66		15.82	13647		5.152008	112	63079
12/19/96	0.00		15.05	13647		5.146262	0	63079
12/20/96	0.00		14.55	13647		5.140515	0	63079
12/21/96	23.32		14.94	13670		5.134769	120	63198

Date	OIL PROD	WATER PROD	OIL 30 DAY AVG	CUM. OIL PROD	COMMENTS	Vented GOR (MSCF/STBO)	Gas Vented Using GOR (MSCFPD)	Cum. Gas Vented (MSCF)
12/22/96	14.99		14.55	13685		5.129023	77	63275
12/23/96	19.99		14.49	13705		5.123277	102	63378
12/24/96	15.00		14.38	13720		5.117531	77	63454
12/25/96	25.82		14.74	13746		5.111785	132	63586
12/26/96	36.65		15.46	13783		5.106038	187	63774
12/27/96	23.32		15.63	13806		5.100292	119	63893
12/28/96	26.65		15.80	13833		5.094546	136	64028
12/29/96	19.99		15.96	13853		5.088800	102	64130
12/30/96	19.98		16.07	13872		5.083054	102	64232
12/31/96	19.99		16.30	13892		5.077308	101	64333
01/01/97	13.32		16.35	13906		5.071562	68	64401
01/02/97	19.99		16.18	13926		5.065815	101	64502
01/03/97	11.66		16.57	13937		5.060069	59	64561
01/04/97	12.08		16.31	13950		5.054323	61	64622
01/05/97	16.65		16.20	13966		5.048577	84	64706
01/06/97	15.84		16.17	13982		5.042831	80	64786
01/07/97	13.34		16.01	13995		5.037085	67	64853
01/08/97	18.33		16.01	14014		5.031338	92	64945
01/09/97	15.00		15.95	14029		5.025592	75	65021
01/10/97	15.01		16.06	14044		5.019846	75	65096
01/11/97	13.30		15.81	14057		5.014100	67	65163
01/12/97	11.65		15.64	14069		5.008354	58	65221
01/13/97	19.99		16.31	14089		5.002608	100	65321
01/14/97	33.31		17.42	14122		4.996862	166	65488
01/15/97	13.32		17.59	14135		4.991115	66	65554
01/16/97	0.00		17.01	14135		4.985369	0	65554
01/17/97	0.00		16.28	14135	Hot oiled 59.97	4.979623	0	65554
01/18/97	0.00		16.28	14135	r-58.30	4.973877	0	65554
01/19/97	28.31		17.23	14164	r-1.67	4.968131	141	65695
01/20/97	16.66		17.00	14180		4.962385	83	65777
01/21/97	18.33		17.12	14199		4.956638	91	65868
01/22/97	19.99		17.12	14219		4.950892	99	65967
01/23/97	13.33		17.06	14232		4.945146	66	66033
01/24/97	19.16		16.84	14251		4.939400	95	66128
01/25/97	11.66		16.01	14263		4.933654	58	66185
01/26/97	11.65		15.62	14274		4.927908	57	66243
01/27/97	16.66		15.28	14291		4.922162	82	66325
01/28/97	18.32		15.23	14309		4.916415	90	66415
01/29/97	13.32		15.01	14323		4.910669	65	66480
01/30/97	14.99		14.84	14338		4.904923	74	66554
01/31/97	13.33		14.84	14351		4.899177	65	66619
02/01/97	13.32		14.62	14364		4.893431	65	66684
02/02/97	16.66		14.78	14381		4.887685	81	66766
02/03/97	14.99		14.88	14396		4.881938	73	66839
02/04/97	23.32		15.10	14419		4.876192	114	66952
02/05/97	3.33		14.69	14423		4.870446	16	66969
02/06/97	11.67		14.63	14434		4.864700	57	67025
02/07/97	18.34		14.63	14453		4.858954	89	67115
02/08/97	13.33		14.58	14466		4.853208	65	67179
02/09/97	15.00		14.57	14481		4.847462	73	67252
02/10/97	20.01		14.80	14501		4.841715	97	67349
02/11/97	13.32		14.85	14514		4.835969	64	67413
02/12/97	19.99		14.85	14534	R-19.99 H2O	4.830223	97	67510
02/13/97	23.32		14.52	14558	R-11.66 H2O	4.824477	113	67622
02/14/97	9.99		14.41	14568	R-6.66 H2O	4.818731	48	67670
02/15/97	16.66		14.97	14584		4.812985	80	67751
02/16/97	11.65		15.35	14596		4.807238	56	67807
02/17/97	13.33		15.80	14609	R-6.66 H2O	4.801492	64	67871
02/18/97	14.99		15.35	14624		4.795746	72	67943
02/19/97	13.33		15.24	14638	Gas Tested @ 73 MSCFPD	4.790000	64	68006
02/20/97	5.00		14.80	14643	GOR @ 4.7900 MSCF/G/STBO	4.811213	24	68030
02/21/97	13.32		14.58	14656	R-1.67 H2O	4.832427	64	68095
02/22/97	11.67		14.52	14668		4.853640	57	68151
02/23/97	9.99		14.22	14678		4.874853	49	68200
02/24/97	10.01		14.16	14688		4.896067	49	68249
02/25/97	16.66		14.33	14704		4.917280	82	68331
02/26/97	8.33		14.05	14713		4.938493	41	68372
02/27/97	16.66		13.99	14729		4.959707	83	68455

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)
02/28/97	6.67		13.77	14736		4.980920	33	68488
03/01/97	16.66		13.83	14753		5.002133	83	68571
03/02/97	18.32		13.99	14771		5.023347	92	68663
03/03/97	21.65		14.27	14792		5.044560	109	68773
03/04/97	10.00		14.05	14802		5.065773	51	68823
03/05/97	13.32		13.99	14816		5.086987	68	68891
03/06/97	13.30		13.66	14829		5.108200	68	68959
03/07/97	13.32		13.99	14842		5.129413	68	69027
03/08/97	11.66		13.99	14854		5.150627	60	69087
03/09/97	16.65		13.94	14871		5.171840	86	69174
03/10/97	13.33		13.94	14884		5.193053	69	69243
03/11/97	3.33		13.55	14887		5.214267	17	69260
03/12/97	9.99		13.21	14897		5.235480	52	69312
03/13/97	13.33		13.21	14911		5.256693	70	69382
03/14/97	11.66		12.94	14922		5.277907	62	69444
03/15/97	16.65		12.71	14939		5.299120	88	69532
03/16/97	11.66		12.77	14951		5.320333	62	69594
03/17/97	20.44		12.90	14971		5.341547	109	69703
03/18/97	11.67		12.90	14983		5.362760	63	69766
03/19/97	18.34		13.06	15001		5.383973	99	69865
03/20/97	11.66		12.95	15013		5.405187	63	69928
03/21/97	11.67		12.90	15024	Gas Tested @ 70 MSCFPD	5.426400	63	69991
03/22/97	16.67		13.29	15041	GOR @ 5.4264 MSCFG/STBO	5.426400	90	70082
03/23/97	16.65		13.40	15058		5.426400	90	70172
03/24/97	10.01		13.34	15068		5.426400	54	70226
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 supplant 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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

RECEIVED

OCT 13 1997

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Inland Production Company

3. Address and Telephone No.
 475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

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

5. Lease Designation and Serial No.
 See Attached

6. If Indian, Allottee or Tribe Name
 See Attached

7. If Unit or CA, Agreement Designation
 See Attached

8. Well Name and No.
 See Attached

9. API Well No.
 See Attached

10. Field and Pool, or Exploratory Area
 See Attached

11. County or Parish, State
 See Attached

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

TYPE OF SUBMISSION	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>Change of Operator</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.)*

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was:
 Equitable Resources Energy Company
 1601 Lewis Avenue
 Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under BLM Bond No. UT0056 issued by The Hartford Insurance Group.

RECEIVED
OCT 10 1997

14. I hereby certify that the foregoing is true and correct
 Signed Chris A. Potter Title **CHRIS A. POTTER, ATTORNEY-IN-FACT** Date 9/30/97

(This space for Federal or State office use)
 Approved by _____ 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.



RECEIVED
OCT 10 1997

October 7, 1997

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



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

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

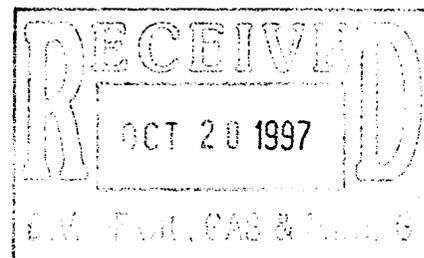
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau
Patsy Barreau

/pb
encls.





United States Department of the Interior

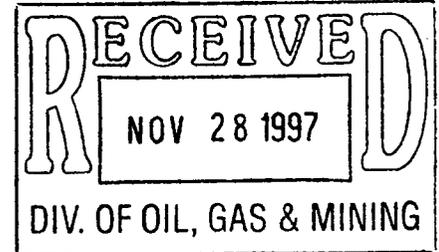
BUREAU OF LAND MANAGEMENT

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

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

IN REPLY REFER TO:
3162.3
UT08438

November 13, 1997



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

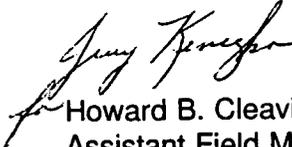
43-047-32712
Re: Well No. Mon. Fed. 11-20-9-18Y
NWNW, Sec. 20, T9S, R18E
Lease U-64917
Duchesne County, Utah

Dear Sir:

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

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

Sincerely,

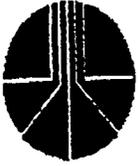

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc:

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

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
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	UNITAH	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	



**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-JEC ✓	6-VPC ✓
2-GLH ✓	7-KAS ✓
3-DDB ✓	8-SI ✓
4-VLD ✓	9-FIFE ✓
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 COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&G</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-1A7-32712</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Jec* 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)*
- Jec* 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)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____ If yes, show company file number: _____
- Jec* 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.
- Jec* 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-2-97)*
- Jec* 6. Cardex file has been updated for each well listed above. *(12-3-97)*
- Jec* 7. Well file labels have been updated for each well listed above. *(12-3-97)*
- Jec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-3-97)*
- Jec* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Jec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) 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
KC 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 ^{12/5/97} 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

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

FILING

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

COMMENTS

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 9 / 97

AMENDED REPORT (Highlight Changes)

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

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-64917

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
BALCRON MONUMENT FEDERAL 11-20Y

9. API Well No.
43-047-32712

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

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

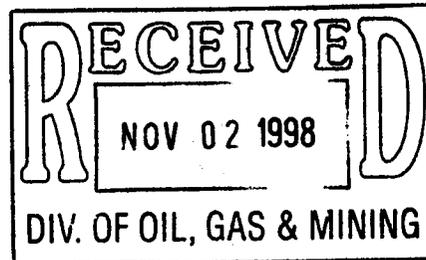
4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0500 FNL 0500 FWL NW/NW Section 20, T09S R18E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Site Security</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-ally 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 11-20Y

NW/NW Sec. 20, T9S, 18E

Uintah County

May 12, 1998

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

Production Phase:

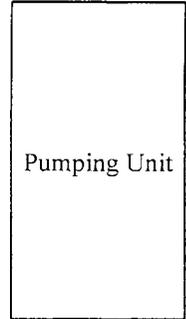
- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

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

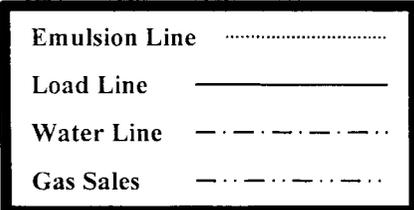
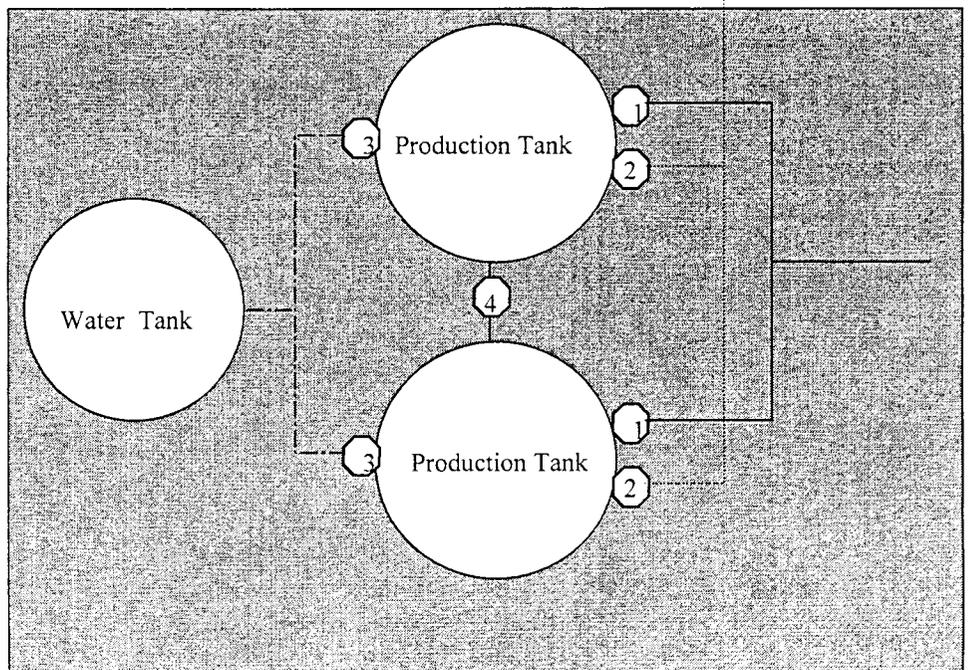
Draining Phase:

- 1) Valve 3 open



Gas Sales Meter

Diked Section



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-64917

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

SHEEP WASH

8. Well Name and No.

BALCRON MON FED 11-20-9-18Y

9. API Well No.

43-047-32712

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

UINTAH COUNTY

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

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

500 FNL 500 FWL NW/NW Section 20, T9S R18E

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

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

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

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

Subject well had recompletion procedures initiated in the Green River formation on 10/5/03. Existing production equipment was pulled from well. A bit and scraper were run in well. Four new Green River intervals were perforated and three intervals were hydraulically fracture treated as follows: Stage #1: CP4 sands @ 5310-5326' (4 JSPF) fraced down 2 7/8" N-80 tbg w/39,645# 20/40 sand in 343 bbls Viking I-25 fluid. Stage #2: CP2 sands @ 5164-5168' and CP1 sands @ 5138-5148' and 5130-5136' (All 4 JSPF) fraced down 2 7/8" N-80 tbg w/59,583# 20/40 sand in 483 bbls Viking I-25 fluid. Stage #3: B1 sands @ 4603-4607' (4 JSPF) fraced down 5 1/2" 15.5# casing w/20,146# 20/40 sand in 236 bbls Viking I-25 fluid. Stage #4: C sands @ 4482-4486' (4 JSPF) not fraced. Fracs were flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. BHA & production tbg were run and anchored in well w/tubing anchor @ 5100', pump seating nipple @ 5202', and end of tubing string @ 5236'. A repaired 1 1/2" bore rod pump was run in well on sucker rods. Well returned to production via rod pump on 10/15/03.

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

Signed Martha Hall Title Office Manager Date 10/16/2003
 Martha Hall

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

RECEIVED

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.

OCT 27 2003

DIV. OF OIL, GAS & MINING



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		

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 9/1/2004	
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
CA No.	Unit:

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The FORMER operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: U-64917
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:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: BALCRON MON FED 11-20-9-18Y
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43047327120000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0500 FNL 0500 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 20 Township: 09.0S Range: 18.0E Meridian: S	9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH COUNTY: UINTAH STATE: UTAH

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

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	

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 +/- **5,350**
- 3 RIH with WL set HE RBP. **Set RBP @ ~4452'.**
- 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	4380-4382	3spf	120° phasing
D2	4386-4397	3spf	120° phasing
D2	4400-4402	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 @ ± 5220 and set TAC at ±5107' 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, 40 x 3/4" guided rods, 71 x 3/4" slick rods, 91 x 7/8" guided rods, Space out with pony rods as necessary.
- 12 PWOP and track results for one month.

Balcron Monument Federal#11-20-9-18Y

Spud Date: 10/26/95
 Put on Production: 11/24/95
 GL: 5115' KB: 5125'

Initial Production: 62 BOPD,
 NM MCFD, 9 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (283.45')
 DEPTH LANDED: 293.45' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cement.

PRODUCTION CASING

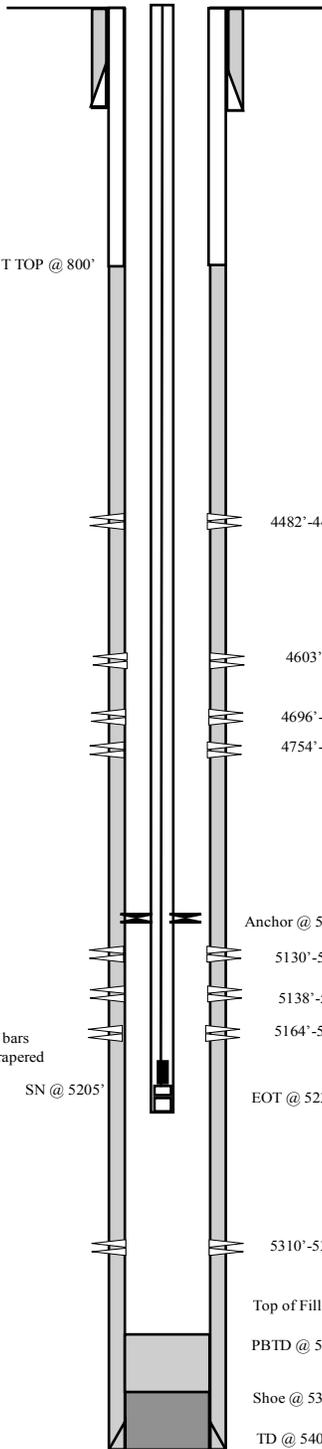
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 124 jts. (5360.05')
 DEPTH LANDED: 5370.05' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 500 sxs Super "G" & 165 sxs 50/50 POZ.
 CEMENT TOP AT: 800' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 166 jts (5113.26')
 TUBING ANCHOR: 5123.26' KB
 NO. OF JOINTS: 3 jts (94.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5220.56' KB
 NO. OF JOINTS: 1 jts (31.82')
 TOTAL STRING LENGTH: EOT @ 5253.93' w/10' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1- 1 1/2" weighted bars (7/8" pins), 5- 1 1/2" weighted bars (3/4" pins) 1" x 3' 40- 3/4" guided rods, 71- 3/4" plain rods, 91- 3/4" scraped rods, 1-8' x 3/4" pony rods.
 PUMP SIZE: Randy's 2- 1/2" x 1- 1/4" x 16' RHAC w/SM plunger.
 STROKE LENGTH: 88"
 PUMP SPEED, SPM: 4 SPM



FRAC JOB

11/07/95 4696'-4770' **Frac zone as follows:**
 131,800# 16/30 sand in 767 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 31.9 BPM. ISIP 1800 psi. Calc. flush: 4696 gal. Actual flush: 4662 gal.

5/05/99 Rod job. Update rod and tubing details.

10/08/03 5310'-5326' **Frac CP4 sands as follows:**
 39,645# 20/40 sand in 343 bbls Viking I-25 fluid. Treated @ avg press of 3605 psi w/avg rate of 17.5 BPM. ISIP 1680 psi. Calc. flush: 1380 gal. Actual flush: 1260 gal.

10/08/03 5130'-5168' **Frac CP1 & 2 sands as follows:**
 59,583# 20/40 sand in 438 bbls Viking I-25 fluid. Treated @ avg press of 3621 psi w/avg rate of 17.6 BPM. ISIP 1850 psi. Calc. flush: 1334 gal. Actual flush: 1218 gal.

10/09/03 4603'-4607' **Frac B1 sands as follows:**
 20,146# 20/40 sand in 236 bbls Viking I-25 fluid. Treated @ avg press of 2300 psi w/avg rate of 24.8 BPM. ISIP 1650 psi. Calc. flush: 4601 gal. Actual flush: 4578 gal.

10/13/03 4482'-4486' Not fraced:

09/21/06 **Tubing leak. Update rod and tubing details.**

08/31/07 **Tubing leak. Update rod and tubing details. 20 jts from SN up are new.**

PERFORATION RECORD

Date	Depth Range	Tool	Holes
11/17/95	4754'-4770'	2 JSPF	32 holes
11/17/95	4696'-4701'	4 JSPF	20 holes
10/07/03	5310'-5326'	4 JSPF	64 holes
10/07/03	5164'-5168'	4 JSPF	16 holes
10/07/03	5138'-5148'	4 JSPF	40 holes
10/07/03	5130'-5136'	4 JSPF	24 holes
10/07/03	4603'-4607'	4 JSPF	16 holes
10/09/03	4482'-4486'	4 JSPF	16 holes



Bal. Monument Federal #11-20-9-18Y
 500' FNL & 500' FWL
 NWNW Section 20-T9S-R18E
 Uintah Co, Utah
 Lease #U-64917, API #43-047-32712;

TW 09/24/07

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-64917
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: BALCRON MON FED 11-20-9-18Y
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43047327120000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH	4. LOCATION OF WELL FOOTAGES AT SURFACE: 0500 FNL 0500 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 20 Township: 09.0S Range: 18.0E Meridian: S
COUNTY: UINTAH	STATE: UTAH

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: 6/5/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input checked="" type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above mentioned well will be refrac'd. See attached procedure.

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

Date: June 06, 2013

By: *Derek Quist*

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 6/5/2013	

NEWFIELD



1001 17th Street, Suite 2000
Denver, CO 80202
Phone: 303-893-0102

Well Name: Balcron 11-20Y-9-18

TD Location: Section 20, T9S, R18E

Date: 6/5/2013

Engineer: Paul Lembcke

Note: All Perf Depths are correlated to the Open Hole Log ran on 11/3/95.

Stage	Zone	Top	Bottom	Gun Size	Comments	Volume	Plug Depth
Stage #1	CP4	5,310'	5,326'	16'	30 bpm	31,000	
					6 ppa		
					4 spf		64 holes
					Highlighted perfs are pre-existing (4 spf)		
					Fresh Water		
					Replace XL pad with water pad and walk the rate up slowly (2-4bpm letting the pressure line out)		
					Once you get to rate find XL - then start proppant		
	56 # [SS7]						
Stage #2	CP2	5,164'	5,168'	4'	30 bpm	39,000	
	CP1	5,138'	5,148'	10'	6 ppa		
	CP1	5,130'	5,136'	6'	4 spf		80 holes
					Frac balls for diversion		
					Highlighted perfs are pre-existing (4 spf)		
					Fresh Water		
					Replace XL pad with water pad and walk the rate up slowly (2-4bpm letting the pressure line out)		
					Once you get to rate find XL - then start proppant		
	70 # [SS7]						
Stage #3	A1	4,754'	4,770'	16'	30 bpm	80,000	
	A-Half	4,696'	4,701'	5'	6 ppa		
					4 spf		84 holes
					Frac balls for diversion		
					Highlighted perfs are pre-existing (4 spf)		
					Fresh Water		
					Replace XL pad with water pad and walk the rate up slowly (2-4bpm letting the pressure line out)		
					Once you get to rate find XL - then start proppant		
	145 # [SS7]						
Stage #4	B1	4,603'	4,607'	4'	30 bpm	16,000	
	C-Sand	4,482'	4,486'	4'	6 ppa		
					4 spf		32 holes
					Frac balls for diversion		
					Highlighted perfs are pre-existing (4 spf)		
					Fresh Water		
					Replace XL pad with water pad and walk the rate up slowly (2-4bpm letting the pressure line out)		
					Once you get to rate find XL - then start proppant		
	29 # [SS7]						
					Total 100m =	0	
Flush all stages to top perf					Total 30/50 =	0	
300 # [SS7]					Total 20/40 =	166,000	
Pump Trucks	2				Total Sand =	166,000	