



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

**BALCRON OIL DIVISION**

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

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

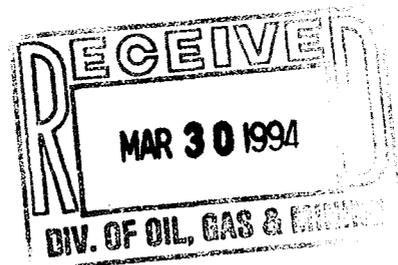
March 28, 1994

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

RE: Balcron Allen Federal #31-6G  
NW NE Section 6, T9S, R17E  
Duchesne County, Utah



Enclosed is our Application for Permit to Drill (APD) the referenced gas well. Since this location falls on an existing wellpad, we are assuming that the turnaround period for approval of this APD will be shorter than usual.

If you need additional information or have any questions, please do not hesitate to give me a call.  
Sincerely,

*Bobbie Schuman*

Bobbie Schuman  
Regulatory and Environmental Specialist

/hs

Attachment

cc: Utah Division of Oil, Gas and Mining

CONFIDENTIAL

FORM 3

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work: DRILL  DEEPEN  PLUG BACK

Type of Well: Oil Well  Gas Well  Other  Single Zone  Multiple Zone

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

Address of Operator: P.O. Box 21017; Billings, MT 59104

Location of Well (Report location clearly and in accordance with any State requirements.)\*  
At surface: NW NE Sec. 6, T9S, R17E 707.8' FNL, 2076.2' FEL  
At proposed prod. zone: NW NE 6, T9S, R17E

Distance in miles and direction from nearest town or post office: From Myton, Utah, approximately 15 miles southwest

Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drilg. line, if any):  
Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.: 2,980'

Elevations (Show whether DF, RT, GR, etc.): GL 5292.1'

3. Lease Designation and Serial No.: Federal #U-020252-A

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

7. Unit Agreement Name: ~~Jonah Unit~~

8. Firm or Lease Name: Balcron Allen Federal

9. Well No.: #31-6G

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

11. QG, Sec., T., R., M., or Blk. and Survey or Area: NW NE 6, T9S, R17E

12. County or Parrish: Duchesne 13. State: UTAH

17. No. of acres assigned to this well:

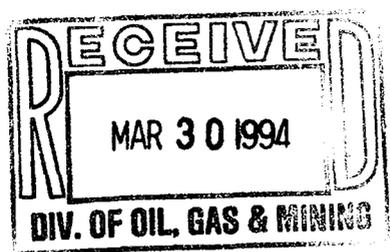
20. Rotary or cable tools: Rotary

22. Approx. date work will start\*: May 1, 1994

PROPOSED CASING AND CEMENTING PROGRAM

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

Operator plans to drill this well in accordance with the attached Federal APD.



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

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

Signed: Bobbie Schuman Title: Coordinator of Environmental and Regulatory Affairs

(This space for Federal or State office use)

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

DATE: 3-10-94

Approval Date: March 28, 1994

BY: [Signature]

WELL SPACING: P649-3-2

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

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

(November 1983)  
(formerly 9-331C)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SECRET IN REPLICATE  
(Other instructions on reverse side)  
**CONFIDENTIAL**

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface  
NW NE Section 6, T9S, R17E 707.8' FNL, 2076.2' FEL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
From Myton, Utah, approximately 15 miles southwest

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

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

10. PROPOSED DEPTH  
2,980'

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS  
Rotary

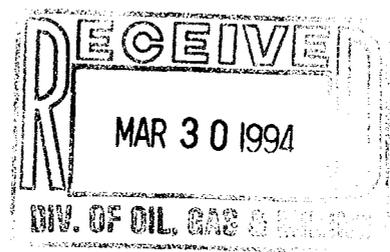
21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GL 5292.1'

22. APPROX. DATE WORK WILL START\*  
May 1, 1994

**PROPOSED CASING AND CEMENTING PROGRAM**

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

See attached for listing for EXHIBITS.



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

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

24. SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE March 28, 1994  
(This space for Federal or State office use)

PERMIT NO. 43-013-31442 APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_  
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING  
DATE: 5-10-94  
BY: M. Matthews  
WELL SPACING: PL 49-3-2

\*See Instructions On Reverse Side

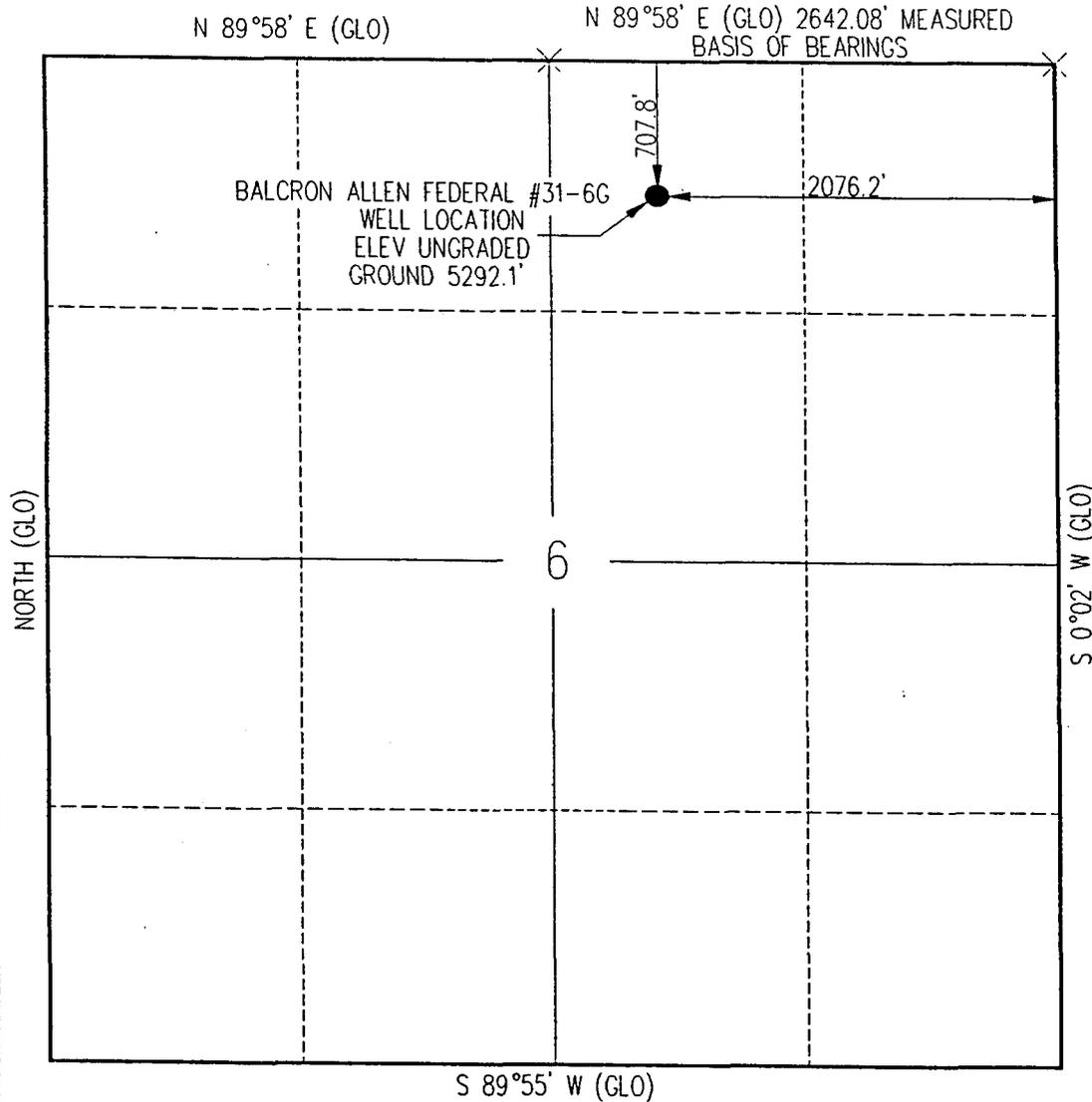
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or communications.

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

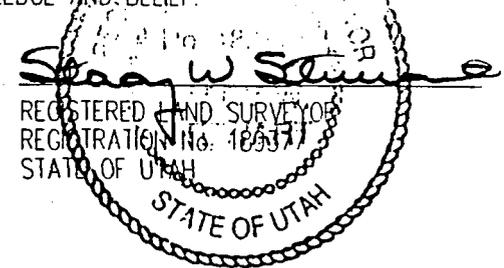
EQUITABLE RESOURCES ENERGY CO.

EXHIBIT "F"

WELL LOCATION, BALCRON ALLEN FEDERAL #31-6G, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 6, T9S, R17E, S.L.B. & M, DUCHESNE COUNTY, UTAH.



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



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

WEATHER: CLEAR & WARM
DATE: 3/11/94
SCALE: 1" = 1000'
SURVEYED BY: SS RM
FILE: 31-6G



**BALCRON ALLEN FEDERAL #31-6G (GAS WELL)**

# **CONFIDENTIAL**

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

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

EXHIBITS FOR MONUMENT BUTTE DRILLING WELLS:

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

3/22/94

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Allen Federal #31-6G  
NW NE Section 6-T9S-R17E  
Duchesne County, Utah

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

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

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

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

4. PROPOSED CASING AND CEMENTING PROGRAM:

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

Drilling Program/Casing Design (EXHIBIT "D")

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

- a. Expected bottom hole temperature is 90 degrees F. Expected bottom hole pressure is 1000 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

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

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY  
Balcron Oil Division  
Balcron Allen Federal #31-6G  
NW NE Section 6, T9S, R17E  
Duchesne County, Utah

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

1. EXISTING ROADS:

- a. This well is located approximately 15 miles southwest of Myton, Utah. 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 10.0 miles. Turn right onto the Monument Butte Gas Plant road. Go 0.9 miles on gas plant road. Turn right and continue 0.9 miles to a road intersection, turn right and proceed 0.2 miles to location which is on the existing pad for the #31-6 which is a water injection well.
- 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 "J" Maps A and B for access route.

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

- a. This location is on the wellpad of an existing well. No new access roads need to be constructed.
- b. Road maintenance: During both the completion and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. Any drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with original construction standards. The access road right-of-way will be kept free of trash during operations.
- c. During initial completion and subsequent operations, all travel will be confined to location and access routes.
- 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).

e. If a right-of-way is required this APD shall be considered as application for such right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "J" Map C.

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

- a. Existing: See Map C (EXHIBIT "J")
- b. New facilities: All production facilities will be located on the disturbed portion of the wellpad and at a minimum of 25' from the toe of the backslope or toe of the fill slope.
- c. The production facilities will consist primarily of a wellhead. A diagram showing the proposed production facility layout is attached. See EXHIBIT "K".
- d. Reclamation of disturbed areas no longer needed for operation will be accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.
- e. Existing gas pipelines on this lease will be used.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. Water to be used for the completion of this well will be hauled by truck over the roads described in this Surface Use Program from a spring owned by Joe Shields of Myton, Utah.
- b. No water well will be drilled on this location.

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.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

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

- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.
- c. The reserve pit will be lined.
- d. 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.
- e. 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 "F".
- 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 2,200 bbls of fluid. The size of the pit will be approximately equivalent to ten times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.
- e. The reserve pit will be located on the north side of location..
- f. Flare pit will be located downwind of the prevailing wind directions near corner #5 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 #4.
- h. Access to the wellpad will be from the east near corner #6.
- i. All pits will be fenced according to the following minimum standards:
  - a. 39-inch net wire will be used with at least one strand of

barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.

- b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
- c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
- d. All wire will be stretched before it is attached to the corner posts.

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

10. PLANS FOR RECLAMATION OF LOCATION SITE:

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

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed and all trash will be removed.

Dry hole/abandoned location:

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

11. SURFACE OWNERSHIP:

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

12. OTHER INFORMATION:

- a. Since this is a previously-disturbed location, the Vernal Bureau of Land Management has determined it is not necessary to conduct archeological or paleontological surveys.
- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources Energy Company's Balcron Oil division will suspend operations in the vicinity of the discovery and immediately report the finding to the BLM District Office.
- c. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- d. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.

13. OPERATOR'S REPRESENTATIVES:

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

Dave McCoskery, Drilling Engineer      Home: (406) 248-3864  
Dale Griffin, Operations Supervisor      Mobile: (801) 828-7291

14. CERTIFICATION:

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

March 28, 1994  
Date

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

3/28/94  
/rs







BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Allen Fed. 31-6G
Project ID:	Location: Duchesne, Utah

Design Parameters:

Mud weight (12.00 ppg) : 0.623 psi/ft  
 Shut in surface pressure : 1570 psi  
 Internal gradient (burst) : 0.100 psi/ft  
 Annular gradient (burst) : 0.623 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.20  
 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	3,000	5-1/2"	15.50	J-55	ST&C	3,000	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	1870	4040	2.160	1570	4810	3.06	46.50	202	4.34 J

Prepared by : , Billings, MT  
 Date : 03-11-1994  
 Remarks :

Minimum segment length for the 3,000 foot well is 1,500 feet.  
 An annular mud weight of 12.000 ppg was used for burst purposes. The  
 differential mud gradient below any lost-circulation depth is -0.523 psi/ft  
 and the bottom hole pressure load is 0 psi.

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)

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

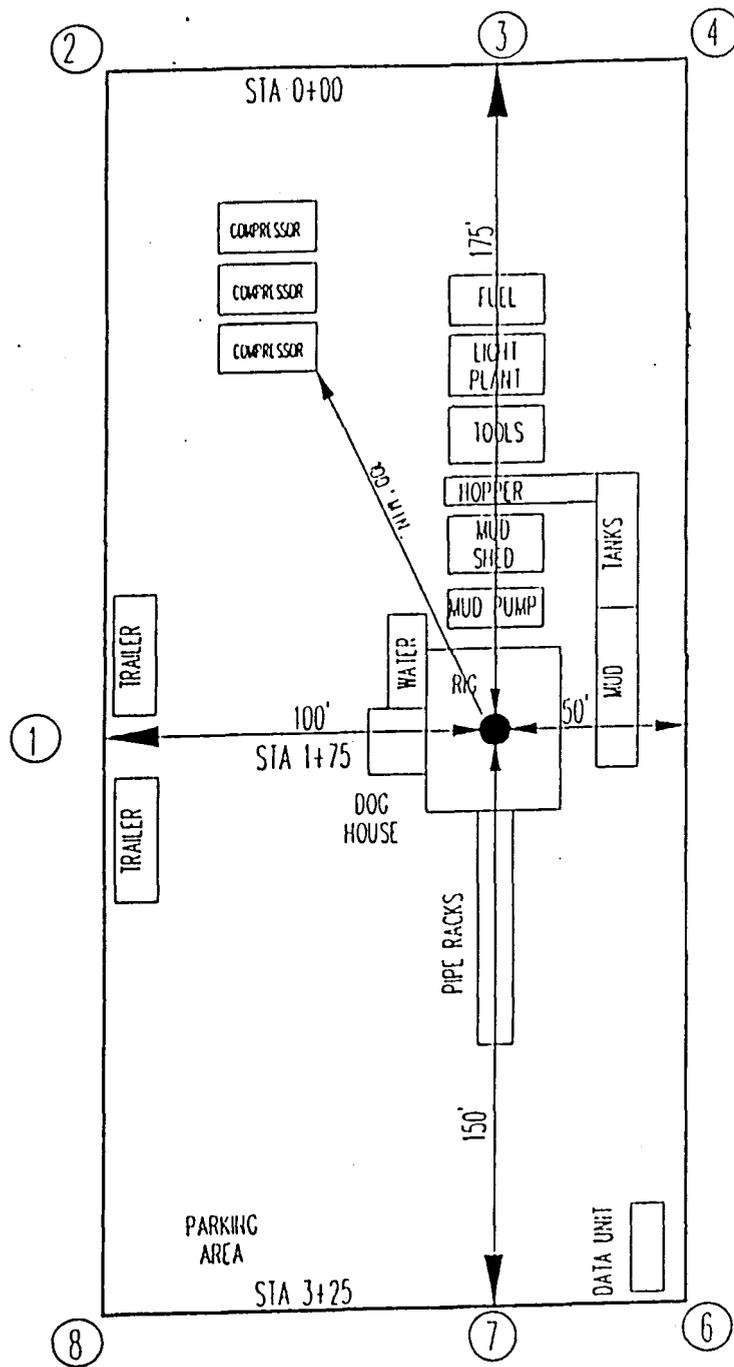
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

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

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

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

# EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT

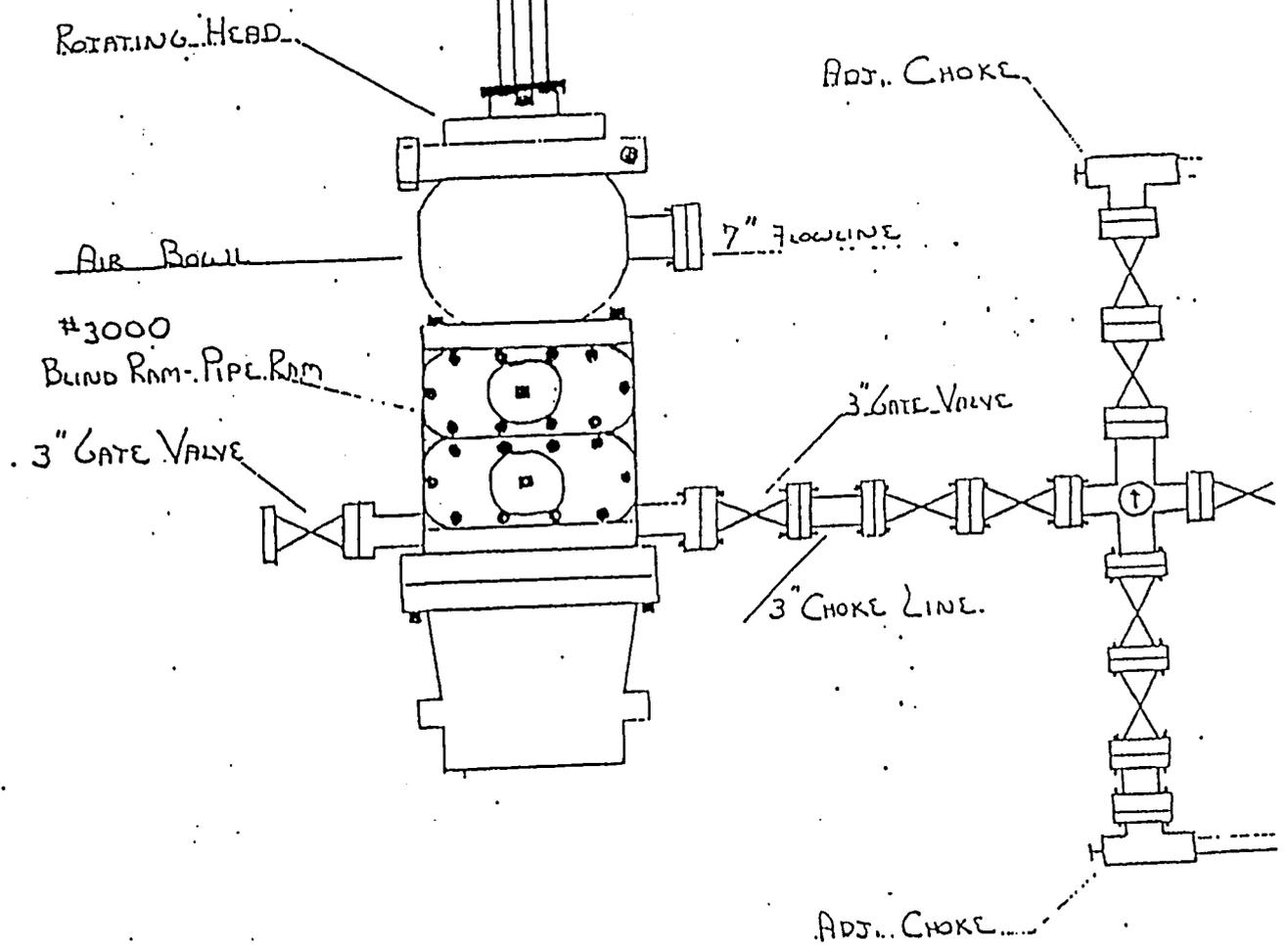


TRI-STATE  
LAND SURVEYING, INC.  
38 WEST 100 NORTH, VERMILION, UTAH 84078  
801-781-2501

UNION DRILLING RIG #17

Hex Kelly

EXHIBIT "H"



#3000 STACK

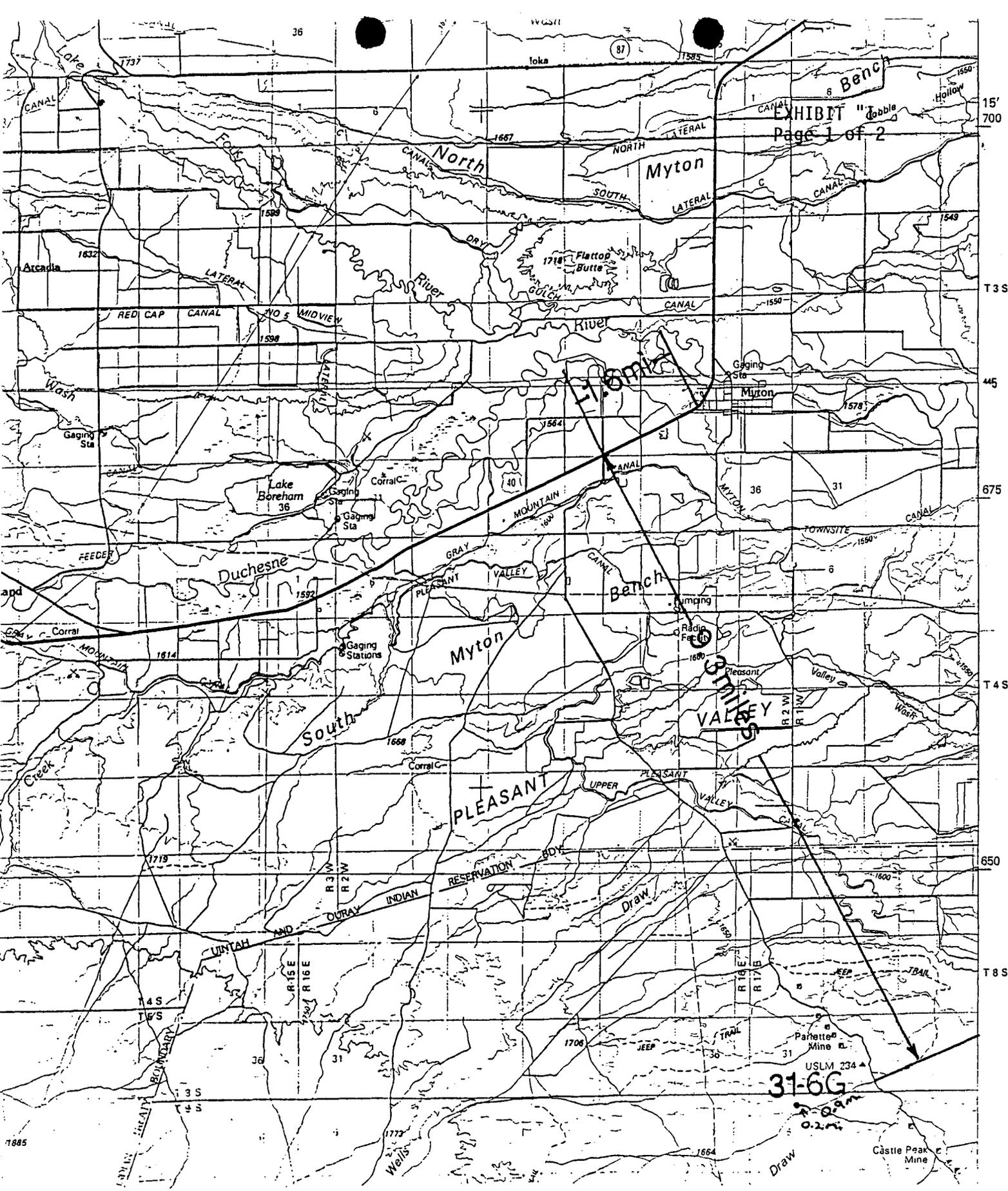


EXHIBIT  
Page 1 of 2

31-6G

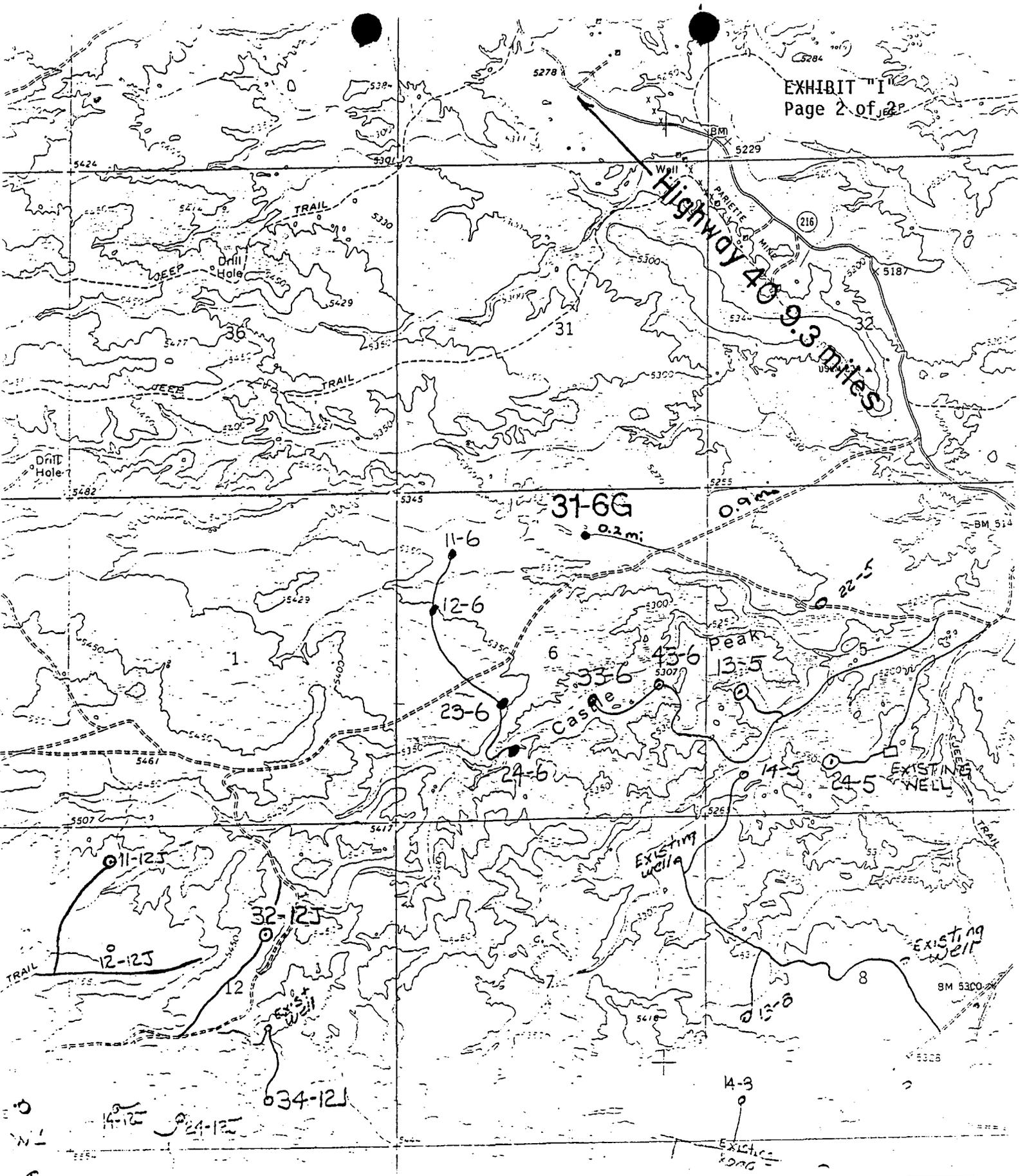


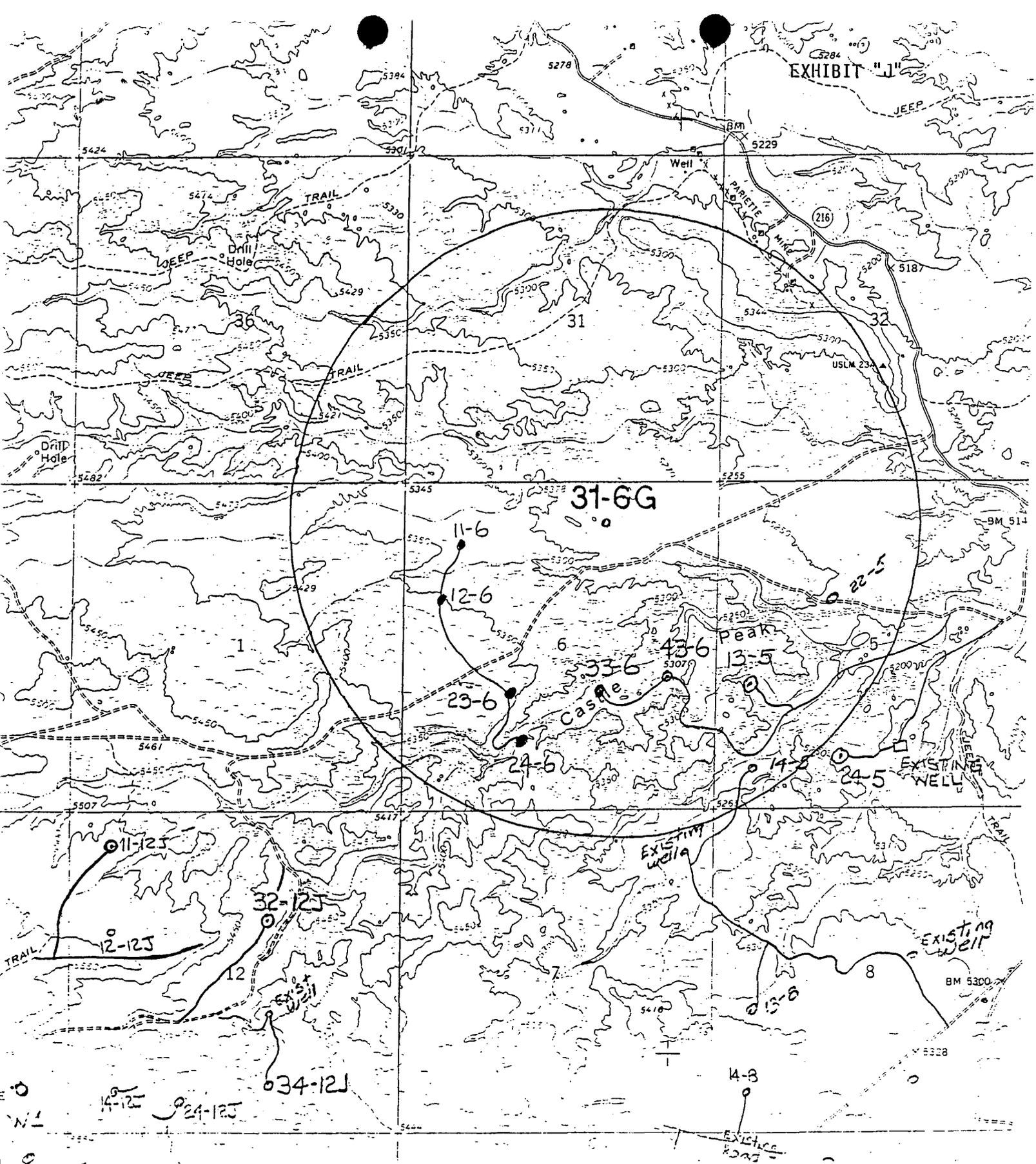
NORTH

**EQUITABLE RESOURCES ENERGY CO.**  
 MONUMENT FEDERAL #31-6G  
 MAP "A"



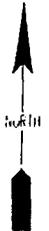
**TRI-STATE**  
 LAND SURVEYING, INC.  
 38 WEST 120 NORTH, VERNAL, UTAH 84406  
 801-781-2501





EQUITABLE RESOURCES ENERGY CO.  
 MONUMENT FEDERAL #31-6G  
 MAP "C"

TRI-STATE  
 LAND SURVEYING, INC.  
 38 WEST 100 NORTH, VERNAL, UTAH 84055  
 801-781-2501



Equitable Resources Energy Company  
Balcron Allen Federal 31-6G  
Proposed Production Facility Diagram

EXHIBIT "K"

Balcron Allen Federal 31-6G  
NW NE Sec. 6, T9S, R17E  
Duchesne County, Utah  
Federal Lease #J-020252-A  
708' FNL, 2076' FEL

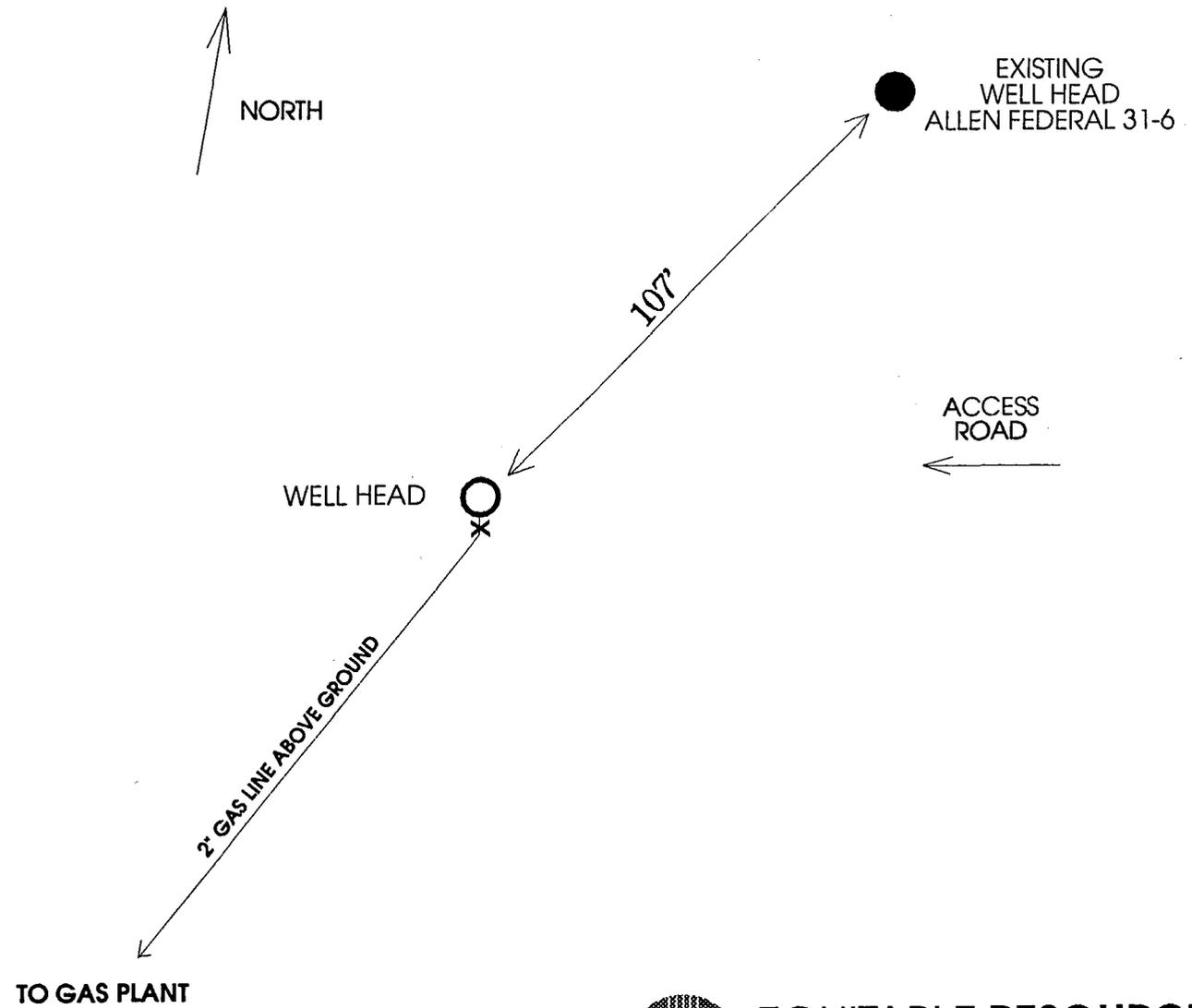
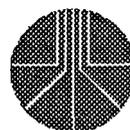


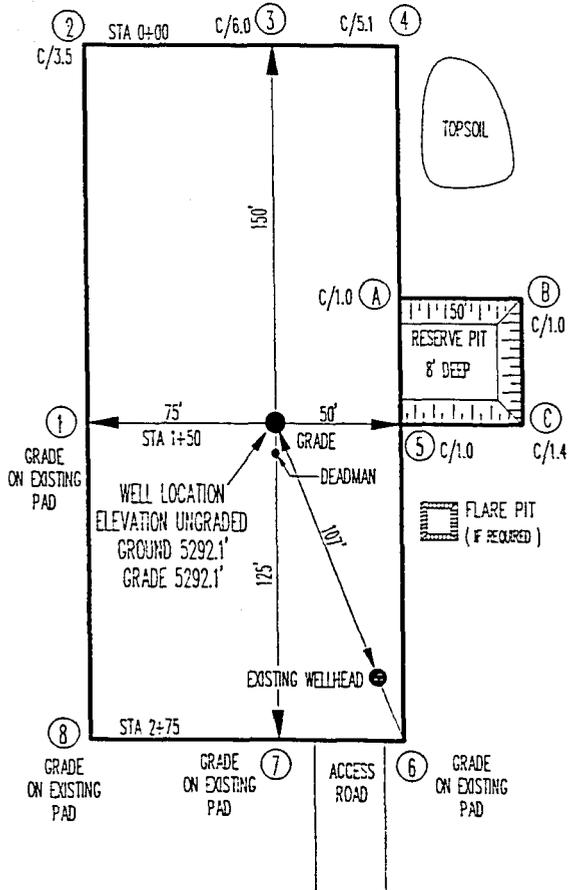
DIAGRAM NOT TO SCALE



**EQUITABLE RESOURCES  
ENERGY COMPANY**  
BALCRON OIL DIVISION

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

**EQUITABLE RESOURCES ENERGY CO.**  
BALCROEN ALLEN FEDERAL #31-6G

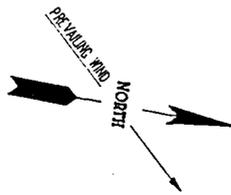
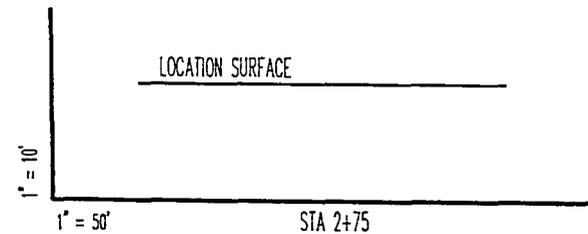
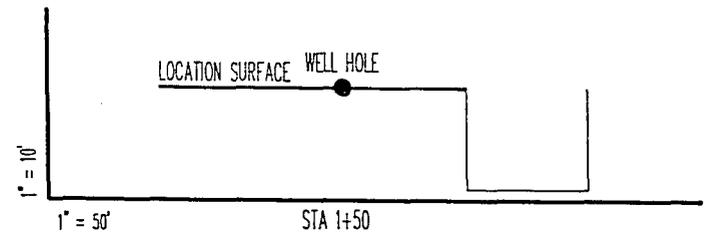
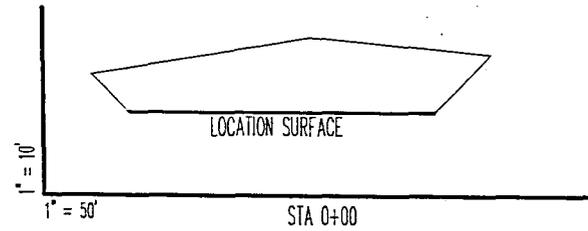


REFERENCE POINTS  
130.0' SOUTH 5289.9'  
180.0' SOUTH 5285.3'

APPROXIMATE YARDAGE

CUT = 970 Cu Yds  
FILL = NONE  
PIT = 740.0 Cu Yds

NOTE: MAJORITY OF PAD IS ON EXISTING ALLEN FED. #31-6 PAD



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

FILENAME 31-6G

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/30/94

API NO. ASSIGNED: 43-013-31442

WELL NAME: BALCRON ALLEN FEDERAL 31-6G  
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:  
NWNE 06 - T09S - R17E  
SURFACE: 0708-FNL-2076-FEL  
BOTTOM: 0708-FNL-2076-FEL  
DUCHESNE COUNTY  
MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED  
LEASE NUMBER: U-020252-A

*GRRVLL*

<p>RECEIVED AND/OR REVIEWED:</p> <p><u>Y</u> Plat <u>Y</u> Bond: Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> (Number <u>5547188</u>) <u>N</u> Potash (Y/N) <u>N</u> Oil shale (Y/N) <u>Y</u> Water permit (Number <u>JOE SHIELDS</u>) <u>N</u> RDCC Review (Y/N) (Date: _____)</p>	<p>LOCATION AND SITING:</p> <p>___ R649-2-3. Unit: _____</p> <p><input checked="" type="checkbox"/> R649-3-2. General.</p> <p>___ R649-3-3. Exception.</p> <p>___ Drilling Unit. Board Cause no: _____ Date: _____</p>
--	--

COMMENTS: NOT A UNIT WELL  
Propose to test upper Green River fm. for  
gas potential - TD. 7980'

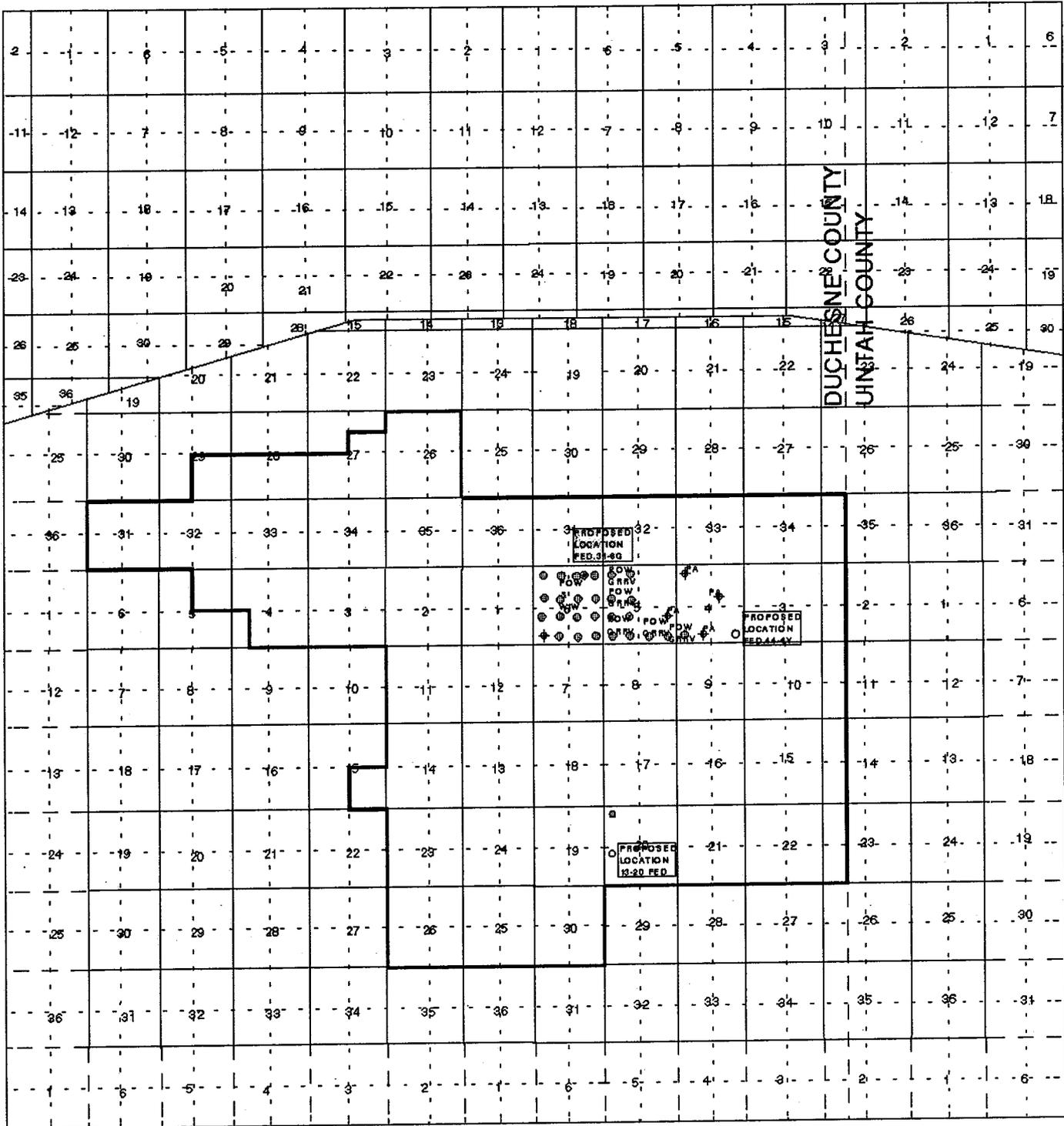
STIPULATIONS: \_\_\_\_\_

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 8-29-95

# MONUMENT BUTTE

T 1 W

R 1 E



T 4 S

T 8 S

T 9 S

R 16 E

R 17 E

DUCHESNE COUNTY  
FIELD 105 ACTIVE

UTAH DIVISION OF OIL, GAS AND MINING  
EQUIPMENT INVENTORY

Operator: EQUITABLE RESOURCES CO Lease: State:      Federal: Y Indian:       
Fee:     

Well Name: ALLEN FEDERAL #31-6G API Number: 43-<sup>013</sup>~~037~~-31442

Section: 6 Township: 09S Range: 17E County: DUCHESNE Field: MONUMENT BUTTE

Well Status: PGW Well Type: Oil:      Gas: Y

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY:     

Y Wellhead N Boiler(s) N Compressor N Separator(s)  
N Dehydrator(s) N Shed(s) N Line Heater(s) N Heated  
Separator  
N VRU N Heater Treater(s)

PUMPS:

     Triplex      Chemical      Centrifugal

LIFT METHOD:

     Pumpjack      Hydraulic      Submersible      Flowing

GAS EQUIPMENT:

N Gas Meters      Purchase Meter      Sales Meter

TANKS: NUMBER

SIZE

<u>    </u> Oil Storage Tank(s)	<u>    </u>	BBLs
<u>    </u> Water Tank(s)	<u>    </u>	
<u>    </u> Power Water Tank	<u>    </u>	BBLs
<u>    </u> Condensate Tank(s)	<u>    </u>	BBLs
<u>    </u> Propane Tank	<u>    </u>	

REMARKS: GAS IS PIPIED TO PLANT AND METERED DOWNSTREAM OF COMPRESSOR.  
WELLHEAD & TREE WITH CHOKE AND SAFE KIMRAY VALVE.

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

Inspector: DENNIS INGRAM Date: 8/23/94

EQUITABLE RESOURCES Co  
ALLEN FEDERAL # 31-6G  
SEC 6 ; T9S ; R17E  
PSW

43-013-31442  
U-020252A

↑ NORTH

PIT RECLAMATION  
HERE - LOOKS GOOD!

METER  
HOUSE & WATER  
FLOW

GAS LINE

LINE  
HEATER  
(NOT HOOKED)  
UP

WELLHEAD  
O 31-6  
WIW

ENTRANCE

WELL HEAD & TREE w/ CHOKE & SAFE VALVE  
31-6G

8/23/94

D. Long

42381 50 SHEETS 5 SQUARE  
42382 50 SHEETS 5 SQUARE  
42383 50 SHEETS 5 SQUARE  
42384 50 SHEETS 5 SQUARE  
42385 50 SHEETS 5 SQUARE  
42386 50 SHEETS 5 SQUARE  
42387 50 SHEETS 5 SQUARE  
42388 50 SHEETS 5 SQUARE  
42389 50 SHEETS 5 SQUARE  
42390 50 SHEETS 5 SQUARE  
NATIONAL



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)

May 10, 1994

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

Re: Balcron Allen Federal #31-6G Well, 708' FNL, 2076' FEL, NW NE, Sec. 6, T. 9 S., R. 17 E., Duchesne County, Utah

Gentlemen:

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

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

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



Page 2  
Equitable Resources Energy Company  
Balcron Allen Federal #31-6G Well  
May 10, 1994

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31442.

Sincerely,



R.J. Firth  
Associate Director

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)  
**CONFIDENTIAL**

Form approved.  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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

5. LEASE DESIGNATION AND SERIAL NO. U-020252-A

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

7. UNIT AGREEMENT NAME Jonah Unit

8. FARM OR LEASE NAME Balcron Allen Federal

9. WELL NO. #31-6G

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T9S, R17E

12. COUNTY OR PARISH Duchesne 13. STATE UTAH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
From Myton, Utah, approximately 15 miles southwest

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

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

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. PROPOSED DEPTH 2,980'

19. ROTARY OR CABLE TOOLS Rotary

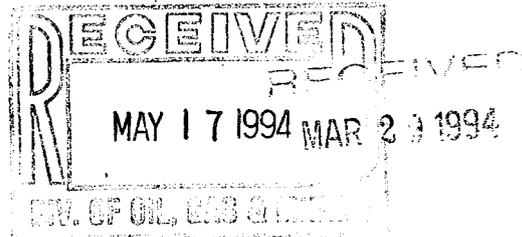
20. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 5292.1'

21. APPROX. DATE WORK WILL START\* May 1, 1994

PROPOSED CASING AND CEMENTING PROGRAM

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

See attached for listing for EXHIBITS.



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

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

24. SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE March 28, 1994

PERMIT NO. 43-013-31442 APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE MAY 11 1994

CONDITIONS OF APPROVAL, IF ANY:

**NOTICE OF APPROVAL**

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Balcron Federal 31-6G

API Number: 43-013-31442

Lease Number: U-020252-A

Location: NWNE Sec. 6 T. 9S R. 17E

**NOTIFICATION REQUIREMENTS**

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

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

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

### A. DRILLING PROGRAM

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

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

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

#### 2. Pressure Control Equipment

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

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

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

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

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm$  300 ft. or by setting the surface casing at  $\pm$  350 ft and having a cement top for the production casing at least 200 ft above the top of the Mahogany oil shale, identified at 2,699 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm$  2,499 ft. if the surface casing is set at  $\pm$  350 or it will be run to  $\pm$  100 ft. if the surface casing is set at  $\pm$  240 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

## 6. Notifications of Operations

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

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

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

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

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

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

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

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

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

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

#### 7. Other Information

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

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

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

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted

to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

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

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

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

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

This APD approval is valid until July 31, 1994, only, because of the expiration date of the lease.

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

Ed Forsman (801) 789-7077  
Petroleum Engineer

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

BLM FAX Machine (801) 781-4410

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

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

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

Methods for Handling Waste Disposal

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

Additional Surface Conditions of Approval

If paleontologic resources are found or uncovered during ground disturbing activities, Balcron will suspend all operations that would further disturb such materials and immediately contact the BLM Authorized Officer. Workers for Balcron or their contractors will not collect any paleontologic or archeologic materials.

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

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

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

To protect Ferruginous hawk nesting behavior located within 0.5 miles of the 31-6G, no human activity will occur North of the edge of the pad if drilling operations are scheduled between March 1 and July 15.

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES

WELL NAME: ALLEN FEDERAL 31-6G

API NO. 43-013-31442

Section 6 Township 9S Range 17E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 6/11/94

Time 3:30 PM

How ROTARY

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

Reported by AL PLUNKETT

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

Date 6/13/94 SIGNED DLI

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

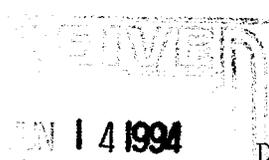
OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11642	43-013-31442	Balcron Allen Federal #31-6G	NW NE	6	9S	17E	Duchesne	6-11-94	6-11-94
WELL 1 COMMENTS: <i>Entity added 6-15-94. See Spud of a new well,</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3/89)



Date: 6-13-94

*Bobbie Schuman*  
Signature

Regulatory & Environmental Specialist  
Title

Phone No. (406) 259-7860  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-020252-A
2. Name of Operator Equitable Resources Energy Company, Balcon Oil Division	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017, Billings, MT 59104 (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW NE Section 6, T9S, R17E 707.8' FNL, 2076.2' FEL	8. Well Name and No. Balcon Allen Federal #31-6G
	9. API Well No. 43-013-31442
	10. Field and Pool, or Exploratory Area Monument Butte/Green River
	11. County or Parish, State Duchesne County, Utah

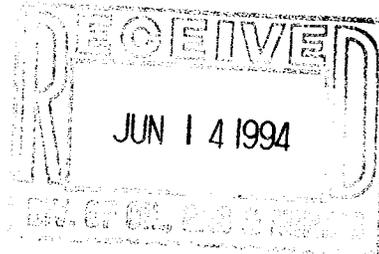
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

This well was spud on 6-11-94 at 3:30 p.m. by Union Drilling Rig #17.



14. I hereby certify that the foregoing is true and correct  
Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 6-13-94

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

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

DAILY OPERATING REPORT

BALCRON ALLEN FEDERAL #31-6G

Location: NW NE Section 6, T9S, R17E

Duchesne County, Utah

707.8' FNL, 2076.2' FEL

PTD: 2,980' Formation: Green River

Jonah Unit / Monument Butte Field

Elevations: 5292.1' GL, 5302.1' KB

Contractor: Union Drilling

Operator: Balcron/EREC

Spud: 6-11-94 @ 3:30 p.m.

Casing: 8-5/8", 24#, J-55 @ 362.75' KB

5-1/2", 15.5#, K-55 @ 2874.3' KB

Tubing:

---TIGHT HOLE---

6-12-94 TD: 377' (377') Day 1

Formation: Uintah

MW Air & Mist

Present Operation: WOC.

Spud @ 3:30 p.m. 6-11-94. RU, drill rat & conductor hole, set conductor & NU air head. Drill 12-1/4" hole, blow hole, TOH & run 8-5/8" csg as follows:

Guide Shoe .60'

1 jt 8-5/8", 24#, Shoe jt 43.80'

Insert Float -----

7 jts 8-5/8", 24#, J-55 308.35'

352.75'

Landing jt Kelly Bushing 10.00'

8-5/8" csg set @ 362.75' KB

Cmt by Western w/225 sxs Class "G", 2% CCL & 1/4#/sx Celoflakes.

8 bbls cmt to pit. Plug down @ 5:30 p.m.

DC: \$14,218 CC: \$21,463

6-13-94 TD: 925' (548') Day 2

Formation: Uintah

MW 8.3 VIS 26

Present Operation: Drilling

WOC, NU, test BOP & manifold to 2000#. Had to repair pipe ram, test OK. Test surface to 1500# - OK. TIH, drill cmt & survey & drill. Change air head rubber.

DC: \$9,294 CC: \$30,757

6-14-94 TD: 2,135' (1,210') Day 3

Formation: Green River

MW 8.4 VIS 26

Present Operation: Drilling

Drill, survey, clean on rig.

DC: \$16,940 CC: \$47,697

DAILY OPERATING REPORT

BALCRON ALLEN FEDERAL #31-6G

Location: NW NE Section 6, T9S, R17E  
Duchesne County, Utah

---TIGHT HOLE---

- 6-15-94 TD: 2,859' (724') Day 4  
Formation: Green River  
MW (have 10.9 to 11 mud to kill well with)  
Present Operation: Stripping out of hole.  
Drill, get gas @ 2675', drill to 2686' & mud logging equipment had too much gas. Shut off air, turn thru 2" line & 3/4" choke & have 170#. Go back to drilling & drill to 2895'. Get 300 bbls, 11# mud & start to kill well. Fill pipe & bit plugged, too much pressure to pump down backside, so start stripping out w/rotating head.  
DC: \$14,990 CC: \$62,687
- 6-16-94 TD: 5,660' (0') Day 5  
Formation: Green River  
Present Operation: RDMO.  
Finish stripping out of hole. Lost circ material had bit plugged. Strip back in hole & kill well w/11# mud. TOOH for logs, log well. TIH, LD drill pipe & collars. Test pipe rams to 2000# - OK. Run 5-1/2" csg & cmt as follows:
- |                                |                            |
|--------------------------------|----------------------------|
| Guide Shoe                     | .60'                       |
| 1 jt 5-1/2", 15.5#, Shoe jt    | 26.32'                     |
| Float Collar                   | 1.00'                      |
| 66 jts 5-1/2", 15.5#, K-55 csg | 2839.38'                   |
|                                | 2867.30'                   |
| Landing jt                     | 7.00'                      |
| Set 5-1/2" csg @ KB            | 2874.30'                   |
| PBTD                           | 2846.38' (20 centralizers) |
- Cmt by Western w/50 sxs "G" scavenger, tail w/373 sxs "G". Plug down @ 2:30 a.m. 6-15-94. Release rig @ 6 a.m. 6-16-94.  
DC: \$41,091 CC: \$103,778
- 6-20-94 Completion  
MIRU Cannon Well Service Rig #2. NU BOP. RU Cutter Wireline to run CBL from PBTD to 100' above cmt top @ 102' KB. Log w/1000 psi on csg. RD Cutter. TIH w/92 jts 2-7/8" EUE J-55 8RD 6.5# tbg & scraper. Tag PBTD @ 2843'KB. Circ hole clean w/64 bbls 2% KCL wtr. SWIFN.  
DC: \$16,533 CC: \$120,311
- 6-21-94 Completion  
TOOH w/92 jts tbg, SN, 5-1/2" scraper, & 4-3/4" bit. MIRU power sub to drill 2843'KB to 2869'KB. TIH w/4-3/4" tooth bit, bit sub, four 4-1/8" drill collars, XO sub, & 88 jts 2-7/8" tbg. Tag fill @ 2843'KB. Drilled 1', hit plug, drill through plug to cmt. Drill 21' to 2867' BK. RD power sub. TOOH w/50 jts 2-7/8" tbg. SWIFN.  
DC: \$3,049 CC: \$123,360

DAILY OPERATING REPORT

BALCRON ALLEN FEDERAL #31-6G

Location: NW NE Section 6, T9S, R17E

Duchesne County, Utah

---TIGHT HOLE---

6-22-94 Completion

Continue out of hole w/tbg & tools, ND BOP. NU 3M tbg head & tree. TIH w/225 F nipple & 90 jts 2-7/8" tbg, F nipple landed @ 2797.71'KB, NU tree assembly. RU Cutter Wireline to perf 2850'-60' (4 SPF). RD Cutter Wireline, well went on slight vac. RU to swab, made 10 runs, recovered 52 BF, 100% wtr. ND wellhead, TIH w/jt 2-7/8" to 2829'KB. SWIFN.

DC: \$10,824

CC: \$134,184

6-23-94 Completion

Tbg vac, csg vac. Made 5 swab runs, IFL @ 2300', pull from 2700, 1 run 400' fluid, last 2 runs no fluid. Wait 15 min, no fluid entry, total fluid recovered 6 bbls, no oil or gas. Load tbg w/2% KCL wtr, could not pump into formation @ 1500 psi. RU Western to do HCL break down w/500 gals 15% HCL & 336 gals 2% KCL wtr. ATP 1300 psi, max 2600 psi. ATR 3.1 BPM, max 4 BPM. ISIP 985 psi, 5 min 905 psi, 10 min 820 psi, 15 min 745 psi. Made 13 swab runs, recovered 62 BW, trace oil. Load hole w/2% KCL wtr. TOOH w/tbg. SWIFN.

DC: \$3,440

CC: \$137,624

6-24-94 Completion

CP - 2 psi. RU Cutter Wireline to set CIBP @ 2800' KB. RD Cutter. TIH w/225 F nipple & 85 jts 2-7/8" tbg, land F nipple @ 2642'KB, load hole w/2% KCL wtr, circ hole clean w/2% KCL wtr. RU Cutter to perf 2698'-2708' & 2711'-2714'. RD Cutter. Slight blow on tbg. RU swab, tag fluid @ surface, pull from 1500', no gas. Pull from 2400', well unloaded, shut-in psi after 5 min flow & 5 min shut in - 710 psi. Shut-in psi after 1 hr 10 min - 960 psi, 1 hr 50 min - 960 psi. Made 4 swab runs.

<u>TIME</u>	<u>CHOKE</u>	<u>CASING</u>	<u>TUBING</u>	
1500	.75 choke	150 psi	250 psi	
1530	.75 choke	275 psi	300 psi	Shut in
1540	"	600 psi	600 psi	
1550	"	750 psi	725 psi	
1600	"	1110 psi	1110 psi	Start Flowing
1630	"	310 psi	310 psi	Shut in
1700	"	1110 psi	1110 psi	
1730	"	1110 psi	1110 psi	Start Flowing
1800	.75 choke	310 psi	310 psi	
1830	"	310 psi	310 psi	
1900	"	310 psi	310 psi	

SWIFN.

DC: \$4,857

CC: \$142,481



DAILY OPERATING REPORT

BALCRON ALLEN FEDERAL #31-6G

Location: NW NE Section 6, T9S, R17E  
Duchesne County, Utah

---TIGHT HOLE---

6-28-94

<u>TIME</u>	<u>TBG</u> <u>PSI</u>	<u>CSG</u> <u>PSI</u>	<u>STATIC</u>	<u>DIFF</u>	<u>TEMP</u>	<u>MCFD</u>	<u>FLOW</u> <u>COMMENTS</u>	
2000	Start flow			100	150		2" orf, 3" run, Dry	
2300	1110	1110	14	50	18	743	" " "	
2400	1080	1080	14	50	18	743	" " "	
0100	1080	1070	14	52	18	757	" " "	
0200	1060	1060	14	57	18	792	" " "	
0300	1050	1050	14	58	18	799	" " "	
0300	Shut well in for 4 hrs.							
0700	1110	1110	13	53	20	539	1.75" orf " "	
0800	1110	1110	13	50	18	524	" " "	
0900	1100	1100	13	50		524	" " "	
1000	1095	1095	13	50		524	" " "	
1100	1095	1094	13	50		524	" " "	
1100	Shut well in for 4 hrs.							
1500	1120	1120	17	96	20	1134	2" orf " "	
1600	1000	1000	17	96	20	1134	" " "	
1700	990	990	18	100	20	1191	" " "	
1800	980	980	18	100	20	1191	" " "	
1900	1000	1000	18	98	20	1179	" " "	
1900	Shut well in for 48 hrs.							

DC: \$2,385

CC: \$147,448

7-29-94 Well started flowing.

GEOLOGICAL WELLSITE REPORT

Balcron Allen Federal No. 31-6G  
NW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> Sec. 6-T9S-R17E  
Duchesne County, Utah

43-013-31442



Durwood Johnson  
Petroleum Geologist  
3118 Avenue F  
Billings, MT 59102  
(406) 656-4872

## TABLE OF CONTENTS

	<u>Page</u>
Data Sheet	1
Location Plat	2
Formation Tops	3
Deviation Surveys	3
Density Dual Spaced Neutron Log	4
Penetration Chart	5
Well History	6
Sample Description	7-10
Penetration Log	In Pocket

DATA SHEET

OPERATOR: Balcron Oil Company

WELL NAME: Monument Butte Allen Federal No. 31-6G

LOCATION: NW¼NE¼ (707.8' fnl-2076.2' fel) Section 6, Township 9 South, Range 17 East, Duchesne County, Utah

AREA: Monument Butte Field

ELEVATIONS: 5292.1' Ground 5302' KB

SPUDDED: June 11, 1994 @ 3:30PM

DRILLED OUT: June 12, 1994 @ 6:15 PM

REACHED T.D.: June 14, 1993 @ 10:30 PM

COMPLETED: June 16, 1994 @ 6:00 AM

STATUS: Upper Tertiary Sand Gas Well

HOLE SIZE: 12¼" Surface-377'; 7 7/8" 377-3000'

TOTAL DEPTH: 2860' Driller 2884' Logger

DRILLING FLUID: Air w/foam, BSC-T.D.

SURFACE CSG.: Ran 8 jts (352.75') 8 5/8", 24 lb., J-55 to 362.75' KB. Cemented w/225 sxs Class G, 2% CaCl<sub>2</sub>, ¼ lb./sx Cello flakes. Plug down @ 5:30 AM, 6/12/94.

PROD. CSG.: Ran 67 jts (2867/3') 5½", 15.5 lb., K-55 set at 2874.3' KB. Cemented w/50sxs Class G Scavenger, trailed w/373 sxs Class G, 2% CaCl<sub>2</sub>, ¼ lb./sx flocele. Plug down @ 2:30 AM 6/16/94.

DSTs: None. CORES: None.

LOGGING: Halliburton Vernal, Utah  
 1. DLLT w/MSFL w/GR & Cal BSC-T.D.  
 2. DSN/SOL w/Gr & Cal 1800-T.D.

MUD LOGGING: Manaco Services Loggers: Jensen, Crocker

CONTRACTOR: Union Drilling Company, Rig 17, Dave Gary, Toolpusher

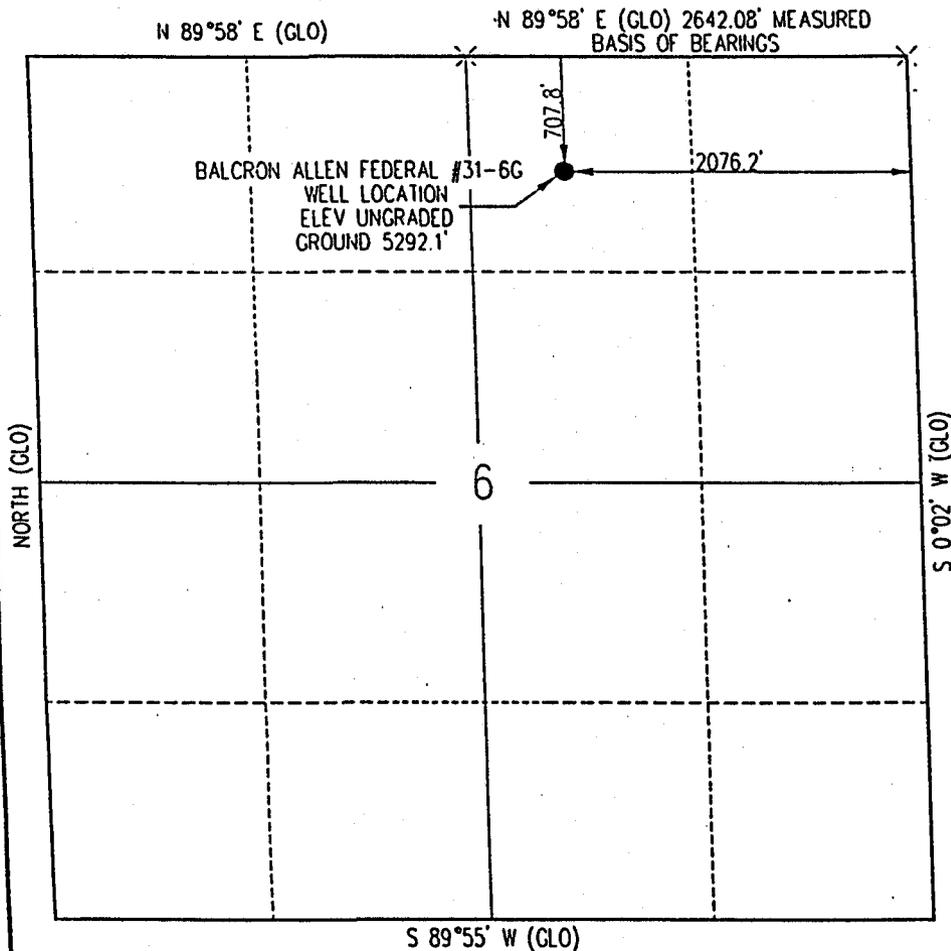
SUPERVISION: Al Plunkett

GEOLOGIST: Durwood Johnson

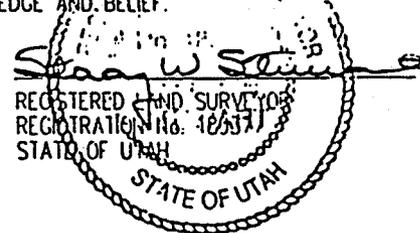
T9S, R17E, S.L.B. & M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON ALLEN FEDERAL #31-6G, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 6, T9S, R17E, S.L.B. & M, DUCHESNE COUNTY, UTAH.



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



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

WEATHER: CLEAR & WARM
DATE: 3/11/94
SCALE: 1" = 1000'
SURVEYED BY: SS RM
FILE: 31-6G



FORMATION TOPS

	<u>Depth</u>	<u>Datum</u>	<u>Reference Well *</u>
TERTIARY			
Uinta	Surface		
Green River	1577	+3725	2' Low
Horseshoe Bench	2314	+2988	7' Low
Upper Tertiary Gas Zone	2697	+2605	12' Low

TOTAL DEPTH:

Driller	2860	+2442
Logger	2884	+2418

2874 = 2696

Reference Well \*

Maxus Alan Federal No. 31-6  
 C NW¼NE¼ Sec. 6-T9S-R17E  
 Duchesne County, Utah

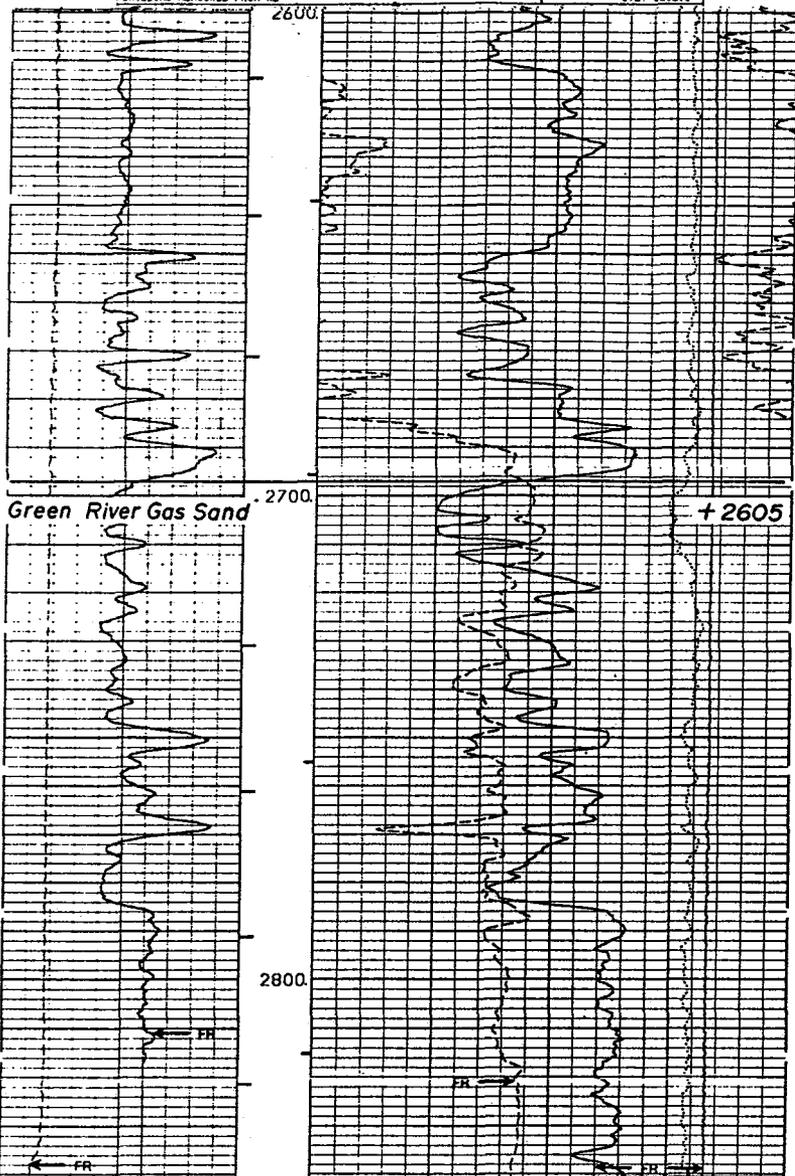
DEVIATION SURVEYS

500'	3/4°
1100'	1 °
1600'	1 °
210'	3/4°



# CENTRAL DENSITY DUAL SPACED NEUTRON LOG

COMPANY BALCRON OIL WELL BALCRON ALLEN FEDERA FIELD MONUMENT BUTTE COUNTY DUCHESNE STATE UT	COMPANY BALCRON OIL WELL BALCRON ALLEN FEDERAL 91-66 FIELD MONUMENT BUTTE COUNTY DUCHESNE STATE UT API NO NA LOCATION NW 1/4 NE 1/4 707.8 FNL 2076.2 FEL OTHER SERVICES DLT MSFL SECT 6 TWP 9S RGE 17E PERMANENT DATUM GL ELEV. 5292.1 OR 10 FT. ABOVE PERM DATUM ELEV.: K.B. 5302.1 DRILLING MEASURED FROM KB D.F. 5301.1 C.L. 5292.1
---	---

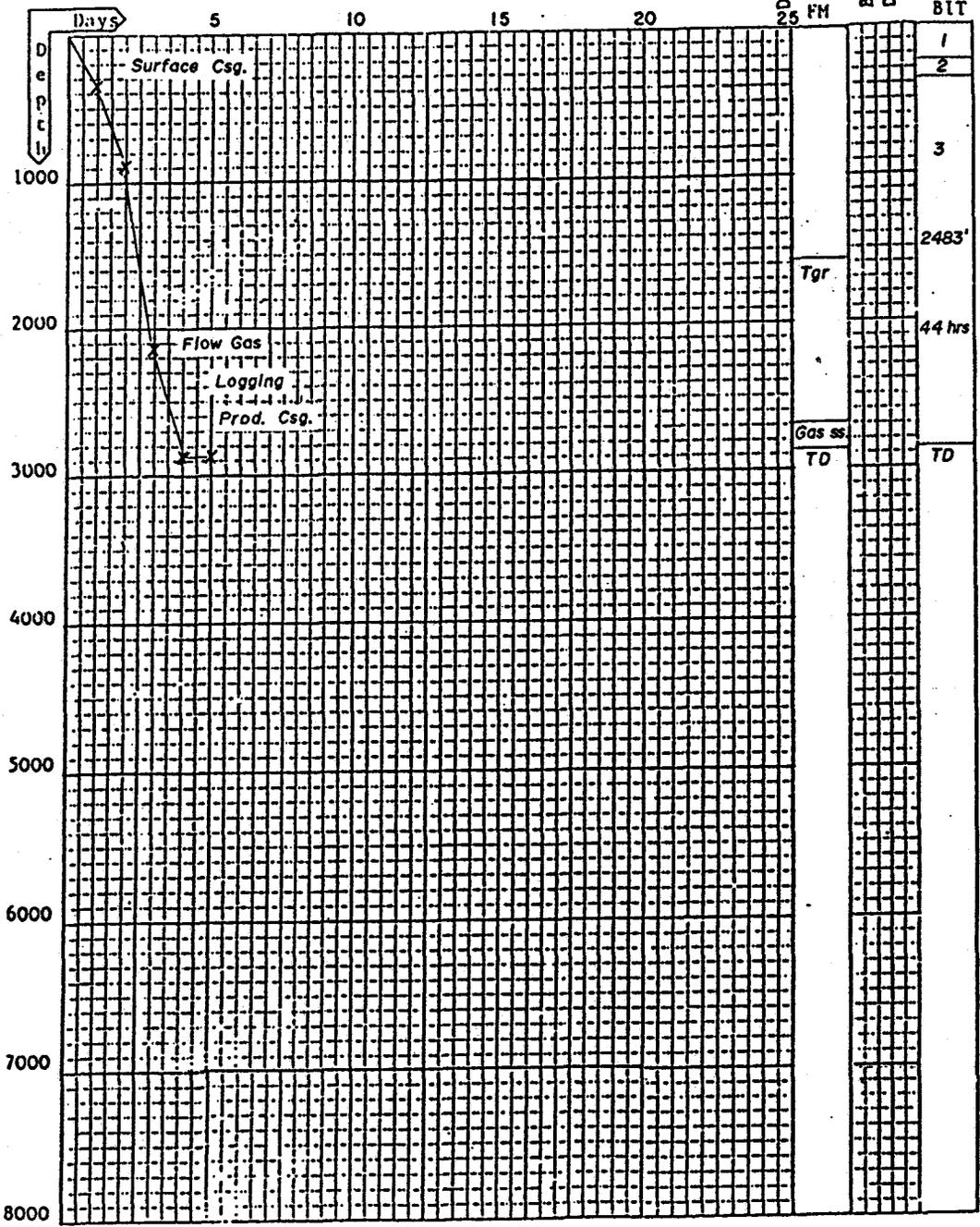


								DENSITY CORR	
								-0.25 GM/CC 0.25	
								TENSION	
								10000 POUNDS	
CALIPER		BHV		DEN POROSITY					
6 INCHES	16	<----	30	PERCENT MATRIX DENSITY = 2.68				-10	
GAMMA		AHV		NEUTRON POR					
0 GAMMA API	150	----->	30	PERCENT NEUTRON MATRIX = SAND				-10	

PENETRATION CHART

Balcron Alan Federal No. 31-6G  
 NW¼NE¼ Sec. 6-T9S-R17E  
 Duchesne County, Utah

Total Days 5 Logs 3  
 Total Bits 3 Rotating hours 53 1/4



WELL HISTORY

<u>Day</u>	<u>Date</u> 1994	<u>Depth</u>	<u>Operation</u>	<u>Activity-Previous 24 Hrs. 6:00AM-6:00AM</u>
1	6/12	377	WOC	Complete rigging up. Spud surface @ 3:30 PM 6/11/94. Set 13 7/8" conductor @ 24' KB. Drill 7 7/8" pilot hole to 268'. Drill 12 1/4" surface to 377'. Made 377' in 9 1/2 hrs. Circulate & clean hole. Run 8 5/8" casing to 362' KB. Cement. WOC.
2	6/13	890	Drilling	WOC. Cut surface pipe & weld on head. Test head. Nipple up. Pressure test BOPs. Trip in Bit 3. Blow water. Drill cement plug. Drill out @ 6:15 PM 6/12/94. Drill from 377 to 500'. Run survey. Drop tool. Fish tool. Trip out. Drill from 500 to 890'. Made 513' in 8 1/2 hrs.
3	6/14	2132	Drilling	Drill & survey from 890 to 2132'. Made 1242' in 21 hrs.
4	6/15	2860	Tripping	Drill & survey from 2132 to 2685'. Circulate gas-2 hrs. Drill from 2685 to 2860'. TD 6/14/94 @ 10:30 PM. Attempt to pump 11.0 lb. mud. Float plugged. Trip out. Made 728' in 14 1/2 hrs.
5	6/16	2860		Complete trip. Unplug float. Trip in hole. Bleed off gas pressure. Pump 11.0 lb. mud & kill well. Circulate. Trip out for logs. Logging. Trip in hole. Circulate. Trip out laying down. Run 5 1/2" production string. Cement. Rig release 6:00 AM 6/16/94.

Balcron Alan Federal No. 31-6G  
NW¼NE¼ Sec. 6-T9S-R17E  
Duchesne County, Utah

SAMPLE DESCRIPTION

Geologist on location at 400 feet. Samples lagged and caught by Monaco Loggers. Sample quality is fair to good unless noted otherwise. Sample descriptions are adjusted to Dual Laterolog depths and shows underlined. Samples caught at the following intervals:

- |           |   |
|-----------|---|
| 50'       | 1220-2620'  |
| 20'       | 2620-2720   |
|           | 2720-2884' No samples - high gas volume   |
| 1220-1320 | Sandstone, very fine grained, occasionally fine grained, light gray, clear, loose quartz gains, sub-rounded, fair sorting; streaks Siltstone, light gray, argillaceous, tight; occasional streaks Shale. Trace sample obtained from flow line; @ 1250 slight increased Siltstone and Shale, as above. |
| 1320-1370 | Shale, light-medium gray, sub-waxy; streaks Siltstone, light gray-gray, argillaceous; streaks Sandstone, as above.  |
| 1370-1420 | Sandstone, very fine-fine grained, light grayish-white, clear, predominately loose quartz grains, fair-good sorting, sub-angular to sub-rounded; streaks Shale, as above. Poor sample. Trace sample obtained from flow line.  |
| 1420-1470 | Siltstone-very fine grained Sandstone, light grayish white, clear, sub-rounded, good sorting, primarily loose quartz grains; influx Shale, light gray-gray, gray-tan, sub-waxy.   |
| 1470-1520 | Sandstone, very fine-fine grained, light gray, clear, occasionally medium grained, sub-angular to sub-rounded, fair sorting; streaks Marlstone, tan, light brown, dolomitic, silty, <u>trace dull yellow fluorescence</u> ; streaks Shale, as above.  |
| 1520-1570 | Sandstone, very fine-fine grained, light gray, clear, trace pale green, good sorting, sub-rounded; trace Marl, as above, grades to dolomitic Shale; Shale, light gray-gray, chunky, soft.   |

GREEN RIVER 1577 (+3725)

- 1570-1620 Shale, medium gray, chunky, moderately calcareous, silty in part; streaks Limestone, microcrystalline, earthy, tan, cream, very argillaceous; streaks Marl, reddish tan, tan, dolomitic and limey; trace dull yellow fluorescence, no visible cut - faint pale yellow ring in spot plate; Oil Shale.
- 1620-1670 Shale, reddish tan, slightly dolomitic to very dolomitic - scattered dull yellow fluorescence, occasional faint light yellow cut; Oil Shale.
- 1670-1770 Shale, reddish tan, tan, blocky, moderately calcareous with limey streaks, dolomitic in part; light yellow-gold fluorescence, few chips with bright whitish yellow fluorescence, fair light yellow cut, becomes cloudy; Oil Shale; @ 1700 Shale, as above, becomes dominantly reddish brown; yellow-gold fluorescence, poor-fair light yellow cut; Oil Shale.
- 1770-1820 Shale, light gray, gray-tan, chunky, dolomitic; Shale, as above; fluorescence and cut, as above; Oil Shale.
- 1820-1870 Shale, reddish brown, reddish tan, dolomitic; yellow-gold fluorescence - slow cloudy cut; occasional streaks Shale, light-medium gray, chunky, slightly dolomitic; Oil Shale.
- 1870-1970 Shale, reddish brown, moderately calcareous, dolomitic in part; fluorescence and cut, as above; Oil Shale; @ 1900 Shale becomes limey in part; occasionally dolomitic - yellow-gold fluorescence, as above, occasional pale light yellow cut; Oil Shale.
- 1970-2020 Shale, reddish brown, dolomitic, calcareous streaks; yellow-gold fluorescence, pale light yellow cut - primarily cloudy cut.
- 2020-2070 Shale, as above, becomes moderately calcareous to limey, dolomitic in part; fluorescence and cut, as above; Oil Shale.
- 2070-2120 Shale, medium gray-green, gray, gray-tan, sub-waxy, blocky, pyritic in part, silty in part; Shale, as above.
- 2120-2220 Shale, reddish brown, reddish tan, limey, occasionally dolomitic; @ 2150 Shale, as above, becomes slightly dolomitic; dull gold fluorescence, occasional cloudy cut; Oil Shale.
- 2220-2270 Shale, dark brown, reddish tan, chunky, calcareous and

- dolomitic; scattered dull yellow-gold fluorescence, fair slow cloudy cut; Oil Shale.
- 2270-2320 Shale, as above, increased reddish tan, reddish brown; fluorescence, as above, faint cloudy cut; Oil Shale; streaks Shale, gray, gray-green, sub-waxy, non-calcareous.
- 2320-2370 Sandstone, very fine-fine grained, white, tan, fair sorting, sub-angular to sub-rounded, moderately calcareous to limey; grades to sandy Limestone; streaks Shale, gray-green, gray-tan, very slightly calcareous; Shale, as above; scattered bright light yellow and gold fluorescence, good rapid light yellow cut.
- 2370-2420 Shale, reddish brown, reddish tan, brown, moderately calcareous to limey; scattered dull yellow-gold fluorescence, fairly slow cloudy cut; Oil Shale.
- 2420-2520 Shale, brown, reddish brown, chunky, dolomitic; scattered light to dull yellow-gold fluorescence, good rapid light yellow cut; Oil Shale; @ 2470 Shale, as above, becomes moderately calcareous to limey; fluorescence and cut, as above; Oil Shale.
- 2520-2570 Shale, reddish brown, chunky, dolomitic, scattered dull yellow-gold fluorescence, instant good light yellow cut; Oil Shale.
- 2570-2620 Shale, reddish brown, bright tan, brown, chunky, moderately calcareous with limey streaks; fluorescence as above, slow light yellow cloudy cut; Oil Shale.
- 2620-2640 Shale, reddish brown, bright tan, chunky, moderately calcareous to limey; fluorescence and cut, as above; Oil Shale.
- 2640-2660 Shale, bright tan, reddish brown, brown, moderately calcareous to limey, dolomitic streaks; fluorescence and cut, as above; OIL Shale.
- 2660-2690 Shale, as above; Shale, pale green, red, gray, sub-waxy, silty in part; streaks Siltstone-very fine grained Sandstone, light grayish-white, gray-tan, fair-good sorting, sub-angular, argillaceous in part, slightly calcareous, argillaceous and clay cement, some contact silica cement, appears tight; trace possible porosity; few chips have oily? luster, no fluorescence, slow faint cloudy cut.

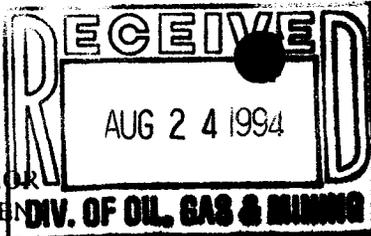
2690-2700

Sandstone, very fine-fine grained, light grayish white, fair-good sorting, sub-angular to sub-rounded, rare angular dark gray, black accessory grains, slightly calcareous, clay and contact silica cement, appears fairly tight, trace poor-fair porosity, possible fractures; several sand clusters with dull yellow fluorescence, faint weak cut.

2700-2860

No samples. Unsafe to catch samples due to high gas flow.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well  Gas Well  Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NW NE Section 6, T9S, R17E 707.8' ENL, 2076.2' FEL

5. Lease Designation and Serial No.  
U-020252-A

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

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

8. Well Name and No.  
Balcron Allen Federal #31-6G

9. API Well No.  
43-013-31442

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

11. County or Parish, State  
Duchesne County, Utah

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

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

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

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

First production on this was on 7-29-94.

14. I hereby certify that the foregoing is true and correct  
Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 8-22-94

(This space for Federal or State office use)

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

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

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

1. Well name and number: Balcron Allen Federal #31-6G

API number: 43-013-31442

2. Well Location: QQ NW NE Section 6 Township 9S Range 17E County Duchesne

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

Address: P.O. Box 21017

Billings, MT 59104

Phone: (406) 259-7860

4. Drilling contractor: Union Drilling

Address: Drawer 40

Buckhannon, WV 26201

Phone: (304) 472-4610

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

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		No measurable water reported	
		during drilling operations.	

6. Formation tops: Geological Report submitted separately.

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

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

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

Name & Signature: Bobbie Schuman *Bobbie Schuman*

Date: 8-29-94

Title: Regulatory and Environmental Specialist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-020252-A
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017, Billings, MT 59104 (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW NE Section 6, T9S, R17E 707.8' ENL, 2076.2' FEL	8. Well Name and No. Balcron Allen Federal #31-6G
	9. API Well No. 43-013-31442
	10. Field and Pool, or Exploratory Area Monument Butte/Green River
	11. County or Parish, State Duchesne County, Utah

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

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

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

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

Attached is the Site Security Diagram for this well.

14. I hereby certify that the foregoing is true and correct  
Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 8-29-94

(This space for Federal or State office use)

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

Equitable Resources Energy Company  
Balcron Allen Federal 31-6G  
Production Facility Diagram

Balcron Allen Federal 31-6G  
NWNE Sec. 6, T9S, R17E  
Duchesne County, Utah  
Federal Lease #U-020252-A  
708' FNL, 2076' FEL

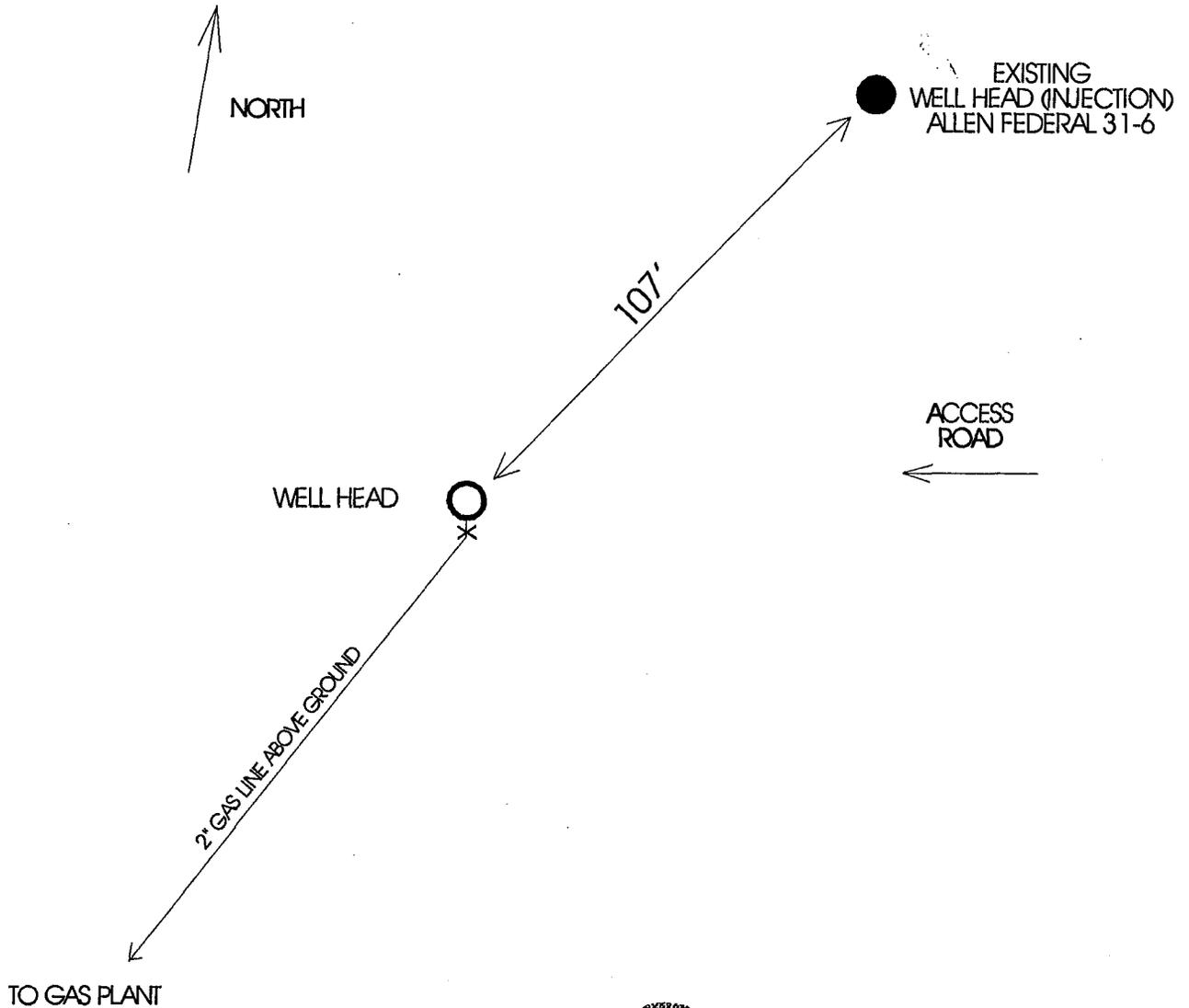
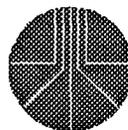


DIAGRAM NOT TO SCALE



EQUITABLE RESOURCES  
ENERGY COMPANY

BALCRON OIL DIVISION

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

(November 1983)  
(formerly 9-330)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)

Budget Bureau No. 1004-01  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

6. LEASE DESIGNATION AND SERIAL

U-020252-A

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Balcron Allen Federal

9. WELL NO.

31-6G

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

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

NW NE Section 6, T9S, R17

12. COUNTY OR  
PARISH

Duchesne

13. STATE

Utah

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

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. HORIZ.

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

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

AUG 31 1994

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

At surface 707.8' FNL, 2076.2' FEL

DIVISION OF  
OIL, GAS & MINING

At top prod. interval reported below

At total depth

14. PERMIT NO.  
43-013-31442

DATE ISSUED  
5-10-94

15. DATE SPUDDED 6-11-94 16. DATE T.D. REACHED 6-16-94 17. DATE COMPL. (Ready to prod.) 7-29-94 18. ELEVATIONS (OF, AKB, AT, OR, ETC.)\* 5292.1' GL 19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 2860' 21. PLUG, BACK T.D., MD & TVD 2846.38' 22. IF MULTIPLE COMPL., HOW MANY\* n/a 23. INTERVALS DRILLED BY SFC-ID 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 2698' - 2860' Green River 25. ROTARY TOOLS n/a 26. CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
2698' - 2860' Green River

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DLL - MSFL - DSN - SDL  
GRABL MUD LOG 6-17-94

27. WAS WELL CORED  
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	INNER SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	362.75' KB	12-1/4"	225 sxs "G" + additives	n/a
5-1/2"	15.5#	2874.30' KB	7-7/8"	50 sxs "G" & tail w/373 sxs "G"	n/a

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)
n/a				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	2641.83'	n/a

31. PERFORATION RECORD (Interval, size and number)

2850' - 2860' (4 SPF)
2698' - 2708' (4 SPF)
2711' - 2714' (4 SPF)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2850' - 2860'	500 gallons 15% HCL & 336 gallons 2% KCL water.
CIBP	set at 2800'

33. PRODUCTION

DATE FIRST PRODUCTION 7-29-94 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-1-94	24	8/64"	→	0	900	0	n/a

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
1000	0	→	0	900	0	n/a

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Sold

TEST WITNESSED BY  
Danny Farnsworth

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE 8-29-94

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

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

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

38. GEOLOGIC MARKERS

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

# 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)
✓ COYOTE FEDERAL 21-5 4304732260 11500 08S 25E 5	GRRV					
✓ COYOTE FEDERAL 13-5 4304732261 11500 08S 25E 5	GRRV					
✓ FEDERAL 22-10Y 4301331395 11501 09S 17E 10	GRRV					
✓ FEDERAL 41-21Y 4301331392 11505 09S 16E 21	GRRV					
✓ FEDERAL 44-14Y 4304732438 11506 09S 17E 14	GRRV					
✓ FEDERAL 21-13Y 41331400 11510 09S 16E 13	GRRV					
✓ FEDERAL 21-9Y 4301331396 11513 09S 16E 9	GRRV					
✓ FEDERAL 21-25Y 4301331394 11530 09S 16E 25	GRRV					
✓ MONUMENT FEDERAL 11-25 4304732455 11625 08S 17E 25	GRRV					
✓ ALLEN FEDERAL 31-6G 4301331442 11642 09S 17E 6	GRRV					
✓ BALCRON FEDERAL 41-19Y 4304732504 11651 09S 18E 19	GRRV					
✓ BALCRON MONUMENT STATE 14-2 4301331425 11656 09S 17E 2	GRRV					
✓ FEDERAL 44-4Y 4301331452 11679 09S 17E 4	GRRV					
<b>TOTALS</b>						

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

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

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



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

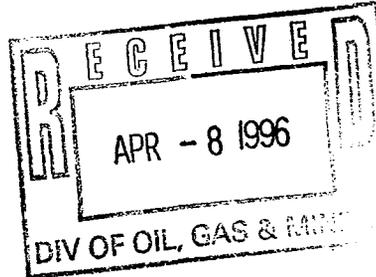
**BALCRON OIL DIVISION**

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: See attached listing	8. Well Name and Number: See attached listing
Footages: See attached listing	9. API Well Number: See attached listing
County: See attached list	10. Field and Pool, or Wildcat: See attached listing
State: UTAH	

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Operator name change</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____

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

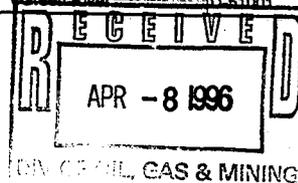
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

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

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

(This space for State use only)

03/27/96														
EQUITABLE REOURCES ENERGY COMPANY, WESTERN REGION-OPERATED WELL LIST														
(CURRENT)														
										ST = State				
										FED. OR STATE				
WELL NAME	FIELD	QTR/QTR	SEC.	TWP.	RANGE	COUNTY	ST.	STATUS	ZONE	LEASE NO.	API NUMBER	FOOTAGES	BLM OFFI	UNIT OR WELL FILE NO.
A. Anderson State #1-16	Monument Butte	SW SW	16	9S	17E	Duchesne	UT	Oil (SI)	Green River	ML-3453	43-013-15582	660' FSL, 560' FWL		Beluga
Allen Federal #1-6	Monument Butte	SE SE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-15779	660' FSL, 660' FEL	Vernal	Jonah
Allen Federal #12-5	Monument Butte	SW NW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-30611	1980' FNL, 660' FWL	Vernal	Jonah
Allen Federal #12-6	Monument Butte	SW NW	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30582	1980' FNL, 604' FWL	Vernal	Jonah
Allen Federal #13-6	Monument Butte	NW SW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-30918	2070' FSL, 578' FWL	Vernal	Jonah
Allen Federal #21-5	Monument Butte	NE NW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-30612	660' FNL, 1980' FWL	Vernal	Jonah
Allen Federal #21-6	Monument Butte	NE NW	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30584	660' FNL, 1980' FWL	Vernal	Jonah
Allen Federal #22-6	Monument Butte	SE NW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-30919	2141' FNL, 1902' FWL	Vernal	Jonah
Allen Federal #23-6	Monument Butte	NE SW	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30558	1980' FSL, 1980' FWL	Vernal	Jonah
Allen Federal #31-6	Monument Butte	NW NE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31195	660' FNL, 1980' FEL	Vernal	Jonah
Allen Federal #32-6	Monument Butte	SW NE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30559	1980' FNL, 1980' FEL	Vernal	Jonah
Allen Federal #34-6	Monument Butte	SW SE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30586	662' FSL, 2075' FEL	Vernal	Jonah
Allen Federal #41-6	Monument Butte	NE NE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30581	661' FNL, 655' FEL	Vernal	Jonah
Allen Federal #43-6	Monument Butte	NE SE	6	9S	17E	Duchesne	UT	Oil	Green River	U-020252-A	43-013-30583	1980' FSL, 660' FEL	Vernal	Jonah
Allen Federal A #1	Monument Butte	NW NW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-15780	660' FNL, 660' FWL	Vernal	Jonah
Amerada Guinand #1	Coyote Basin	SW NW	7	8S	25E	Uintah	UT	WIW	Green River	U-016271-V	43-047-20245	1920' FNL, 550' FWL	Vernal	Coyote Basin
Asp Federal #1	Wildcat	C/SW	12	16S	19W	Millard	UT	PND	Paleozoic	UTU-69960		1320' FSL, 1320' FWL	Richfield	
Balcron Allen Fed. #31-6G	Monument Butte	NW NE	6	9S	17E	Duchesne	UT	Gas	Green River	U-020252-A	43-013-31442	708' FNL, 2076' FEL	Vernal	
Balcron Coyote Fed. #12-5	Coyote Basin	SW NW	5	8S	25E	Uintah	UT	OSI	Green River	U-063597-A	43-047-32253	1980' FNL, 660' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #13-5	Coyote Basin	NW SW	5	8S	25E	Uintah	UT	Oil	Green River	U-063597-A	43-047-32261	1605' FSL, 586' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #13-7	Coyote Basin	NW SW	7	8S	25E	Uintah	UT	Oil	Green River	U-41377	43-047-32255	1980' FSL, 660' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #21-5	Coyote Basin	NE NW	5	8S	25E	Uintah	UT	Oil	Green River	U-063597-A	43-047-32260	660' FNL, 1980' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #22-7	Coyote Basin	SE NW	7	8S	25E	Uintah	UT	Oil	Green River	U-41377	43-047-32256	1749' FNL, 1601' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #23-5	Coyote Basin	NE SW	5	8S	25E	Uintah	UT	PND	Green River	U-065597A	43-047-32424	2110' FSL, 1980' FWL	Vernal	Coyote Basin
Balcron Coyote Fed. #31-7	Coyote Basin	NW NE	7	8S	25E	Uintah	UT	Oil	Green River	U-020309-D	43-047-32254	561' FNL, 1977' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #33-5	Coyote Basin	NW SE	5	8S	25E	Uintah	UT	Oil	Green River	U-063597-A	43-047-32257	1892' FSL, 2326' FEL	Vernal	Coyote Basin
Balcron Coyote Fed. #33-7	Coyote Basin	NW SE	7	8S	25E	Uintah	UT	PND	Green River	U-51001	43-047-32259	751' FSL, 1922' FEL	Vernal	Coyote Basin



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

Routing:

1	LEB 7-SJ
2	DES 8-FILE
3	VLD (GIL)
4	RJE
5	LEB
6	FILM

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

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

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

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

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

Name: <b>**SEE ATTACHED**</b>	API: <u>013-31412</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

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

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only)

# 5578314 (\$80,000) Sebeco Ins. Co. (Bond Rider In Progress)

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING

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

FILING

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

COMMENTS

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-020252-A

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Allen Federal #31-6G

9. API Well No.

43-013-31442

10. Field and Pool, or Exploratory Area

Monument Butte/Grn. River

11. County or Parish, State

Duchesne Co., Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

Equitable Resources Energy Company

3. Address and Telephone No.

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

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

NW NE Sec. 6, T9S, R7E  
708' FNL, 2076' FEL

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

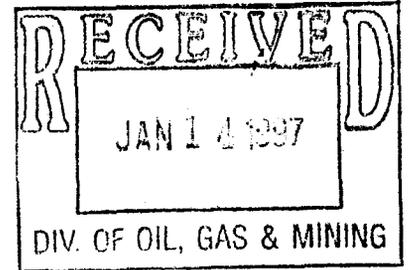
TYPE OF ACTION

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

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

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

This well has been shut-in since MAY 1, 1996, due to an insufficient amount of gas being produced.



ORIGINAL: BLM (Vernal, Ut)  
COPY: Utah DOGM

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

Signed

*Bobbie Schuman*

Title

Regulatory and Environmental Specialist

Date

January 9, 1997

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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

\*See instruction on Reverse Side

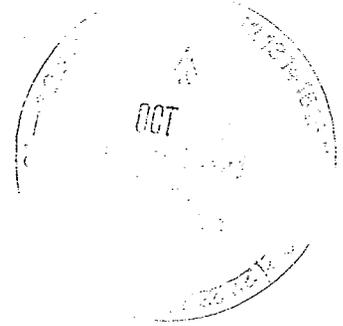
RECEIVED

OCT 10 1997



October 7, 1997

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



RE: Change of Operator  
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

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

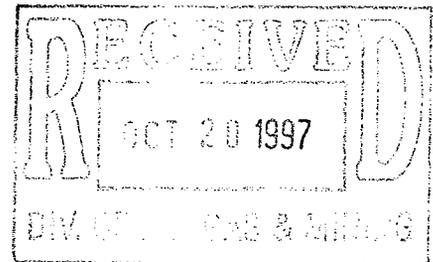
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

*Patsy Barreau*  
Patsy Barreau

/pb  
encls.



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. Type of Well: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: See Attached
2. Name of Operator: Inland Production Company	6. If Indian, Allottee or Tribe Name: n/a
3. Address and Telephone Number: 475 - 17th Street, Suite 1500, Denver, CO 80202	7. Unit Agreement Name: See Attached
4. Location of Well Footages: See Attached Exhibit	8. Well Name and Number: See Attached
OO, Sec., T., R., M.:	9. API Well Number: See Attached
	10. Field and Pool, or Wildcat: See Attached
	County:
	State:

RECEIVED  
OCT 13 1997

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

NOTICE OF INTENT (Submit in Duplicate)	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 checked="" type="checkbox"/> Other <u>Change of Operator</u>	<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>Change of Operator</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 <u>9-30-97</u>
	Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

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

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

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, MT 59102

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

OCT 13 1997

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

(This space for State use only)

INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #4	SENW 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
✓ CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
✓ CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K. JORGENSON STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
✓ STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	



# United States Department of the Interior

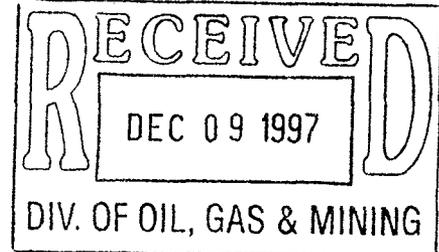
## BUREAU OF LAND MANAGEMENT

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

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

IN REPLY REFER TO:  
3162.3  
UT08438

December 4, 1997



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

Re: <sup>43-013-31442</sup> Well No. Allen Federal 31-6G  
NWNE, Sec. 6, T9S, R17E  
Lease U-020252-A  
Uintah County, Utah

Dear Sir:

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

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

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager,  
Minerals Resources

cc: Division of Oil, Gas & Mining  
Equitable Resources Energy Company



**EQUITABLE RESOURCES  
ENERGY COMPANY**

**WESTERN REGION**

**(406) 259-7860 Telephone**

**(406) 245-1361 Fax**

December 10, 1997

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

Dear Lisha:

RE: Equitable Sale of Utah Properties

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

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

Sincerely,

A handwritten signature in cursive script that reads "Molly Conrad".

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-LEC	6-LEC
2-GHE	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-IRB	

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

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

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

WELL(S) attach additional page if needed:

Name: <b>**SEE ATTACHED**</b>	API: <u>93-013-31442</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 12-10-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 10-20-97)*
- 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: \_\_\_\_\_
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(12-9-97)*
- lec 6. Cardex file has been updated for each well listed above. *(12-10-97)*
- lec 7. Well file labels have been updated for each well listed above. *(12-10-97)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(12-9-97)*
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

**ENTITY REVIEW**

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

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

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

**FILMING**

- Y/B 1. All attachments to this form have been microfilmed. Today's date: 1-6-98.

**FILING**

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

**COMMENTS**

971209 BLM / Vernal Aprv 12-4-97.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-020252-A**

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

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

8. Well Name and No.  
**ALLEN FEDERAL 31-6G**

9. API Well No.  
**43-013-21442**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

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

3. Address and Telephone No.  
**Route 3, Box 3630, Myton Utah 84052 (435-646-3721)**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**708' FNL & 2076' FEL      NW/NE Section 6, T09S R17E**

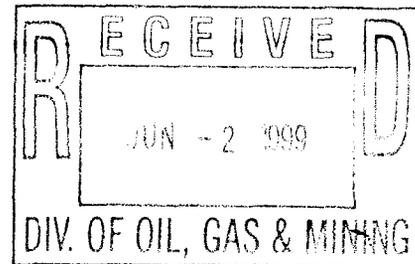
12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> 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 <b>Temporarily Abandon</b>
	<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.)\*

Inland is requesting that the subject well be temporarily abandoned. The well was completed as a gas well but will not produced in economic volumes. Inland would like to incorporate the wellbore within the Jonah waterflood and is presently reviewing their options.



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

Signed *[Signature]* Title District Engineer Date 5/28/99

(This space for Federal or State office use)

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

Conditions of approval, if any:



# 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		

Corporations Section  
P.O.Box 13697  
Austin, Texas 78711-3697



Geoffrey S. Connor  
Secretary of State

## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

FILED  
In the Office of the  
Secretary of State of Texas

SEP 02 2004  
Corporations Section

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

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

**9/1/2004**

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

**CA No.**

**Unit:**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
WALKER/SAND PASS 14-21R-4-1(REEN	21	040S	010W	4301331069	14300	Fee	NA	P
CODY FEDERAL 2-35 (REENTRY)	35	080S	150E	4301331525	11794	Federal	OW	P
MONUMENT BUTTE FED 14-25	25	080S	160E	4301331531	11805	Federal	OW	P
MONUMENT BUTTE FED 12-25	25	080S	160E	4301331554	11840	Federal	OW	P
MONUMENT BUTTE FED 10-25	25	080S	160E	4301331562	11874	Federal	OW	P
MONUMENT BUTTE FED 16-26	26	080S	160E	4301331517	11814	Federal	OW	P
MONUMENT BUTTE ST 14-36	36	080S	160E	4301331508	11774	State	OW	P
MONUMENT BUTTE ST 10-36	36	080S	160E	4301331551	11822	State	OW	P
MONUMENT BUTTE ST 2-36	36	080S	160E	4301331556	11855	State	OW	P
ASHLEY FEDERAL 10-23	23	090S	150E	4301331519	11775	Federal	OW	P
FEDERAL 41-10Y	10	090S	160E	4301331478	11764	Federal	NA	PA
FEDERAL 21-13Y	13	090S	160E	4301331400	11510	Federal	OW	P
NOVA 31-20 G NGC FEDERAL	20	090S	160E	4301331071	10185	Federal	OW	S
FEDERAL 41-21Y	21	090S	160E	4301331392	11505	Federal	OW	S
FEDERAL 21-25Y	25	090S	160E	4301331394	11530	Federal	OW	S
ALLEN FEDERAL 31-6G	06	090S	170E	4301331442	11642	Federal	GW	S
FEDERAL 41-18	18	090S	170E	4301331399	11536	Federal	NA	PA

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. 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  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: HEMFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 363D  
MYTON, UT 84652

OPERATOR ACCT. NO. N2096

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					00	0C	TP	00			
B	890996	13055	43-047-38319	ODEKIRK SPRINGS S-36-8-17	NWSE	36	88	17E	UINTAH	12/28/2006	1/11/07
WELL COMMENTS: <i>GRPV BHL=CSE</i>											
B	99398	13055	43-047-38318	ODEKIRK SPRINGS M-36-8-17	NWSE	36	88	17E	UINTAH	12/27/06	1/11/07
WELL COMMENTS: <i>GRPV BHL C</i>											
C	11842	11842	43-013-31442	ALLEN 31-60-9-17	NWNE	6	98	17E	DUCHESNE		1/08/07
WELL COMMENTS: <i>GRPV Jonah Unit</i>											

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 (single or multi 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 (specify instrument or action)  
 NOTE: Use COMMENT section to explain why a sub-action Check was selected.

*Lana Nebeker*  
 LANA NEBEKER  
 Production Clerk  
 This \_\_\_\_\_  
 Date JANUARY 3, 2007

RECEIVED  
 JAN 03 2007  
 DIV. OF OIL, GAS & MINING

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
 Myton, UT 84052

3b. Phone (include are code)  
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 708 FNL 2076 FEL  
 NENW Section 6 T9S R17E

5. Lease Serial No.  
 USA UTU-020252-A

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
 JONAH UNIT

8. Well Name and No.  
 ALLEN FEDERAL 31-6G

9. API Well No.  
 4301331442

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 DUCHESNE, UT

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield will permanently plug and abandon the subject well as per the attached procedure by October 15, 2007.

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining

Date: 11/10/07  
 By: [Signature]

Federal Approval Of This  
 Action Is Necessary

I hereby certify that the foregoing is true and correct (Printed/ Typed)  
 Chris Clark  
 Signature: [Signature] For Chris Clark

Title: Production Engineer  
 Date: 07/06/2007

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 Conditions of approval, if any, are attached. Approval of this notice 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.  
 Office \_\_\_\_\_

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

(Instructions on reverse)

COPY SENT TO OPERATOR  
 Date: 11-1-07  
 Initials: RM

RECEIVED

SEP 18 2007

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY

## Allen Federal 31-6G-9-17

### Permanent Plug and Abandonment Procedure

DOWNHOLE DATA		7/5/7 CWC
Elevation:	5292' GL	
TD:	2860'	
Surface casing:	8-5/8" 24# K55 @ 363' cmt w/225 sx. Cemented to surface.	
Production casing:	5-1/2" 15.5# K55 @ 2874'. cmt w/50 sxs scavenger G and 375 sxs G.	ID: 4.95"; Drift: 4.825" CBL: cmt to 102'
PBTD:	2846'	FC
Tubing:	85 jts 2-7/8" 6.5# J55, F nipple	EOT at 2631'.
Existing Perfs:	2698-2708 2711-2714 CIBP @ 2800 2850-2860	
Notes:	Shut in.	

### PROCEDURE

1. Notify BLM as necessary prior to P&A operations. Dig, line, and fence pit for cement wash up and returns.
2. Blow down tbg. MIRU SU. TOOH visually inspecting and tallying 2-7/8" production tbg.
3. MU 4-3/4" bit and scraper for 15.5#/ft 5-1/2" casing. Round trip B&S to +/- 2700'.
4. MU CIBP and TIH on 2-7/8" tubing to 2648'.
5. Set CIBP, load hole with water, and pressure test casing to 500 psi.
6. Mix and pump 15 sxs of Class G neat cement at 15.8 ppg with 1.15 ft<sup>3</sup>/sx yield. Spot balanced cement plug from 2648' up to 2519'. PUH to 2500'. Reverse circulate tubing clean of cement. Circulate hole with water containing oxygen scavenger and biocide from 2500' up to 1641'.
7. POH laying down tubing up to 1641'. Mix and pump 15 sxs of Class G neat cement at 15.8 ppg with 1.15 ft<sup>3</sup>/sx yield. Spot balanced cement plug from 1641' up to 1512'. PUH to 1500'. Reverse circulate tubing clean of cement. Circulate hole with water containing oxygen scavenger and biocide from 1500' up to 403'.
8. POH laying down tubing up to 403'. Mix and pump 48 sxs of Class G neat cement at 15.8 ppg with 1.15 ft<sup>3</sup>/sx yield. Circulate good cement to surface and POH with remaining tubing.

9. RDMO cementing company and rig.
10. MI welder and cut off 4-1/2", 7" and 8-5/8" casing below grade. Install weld on P&A marker.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
708 FNL 2076 FEL  
NENW Section 6 T9S R17E

5. Lease Serial No.

USA UTU-020252-A

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

JONAH UNIT

8. Well Name and No.

ALLEN FEDERAL 31-6G

9. API Well No.

4301331442

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

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

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

P&A operations were performed on the above mentioned well as follows.

11-8-07: POOH with tubing and make bit and scraper run to 2700'.

11-09-07: TIH and set CIBP at 2426'.

11-13-07: Pressure test casing to 500 psi. Spot 15 sxs class G neat cement (15.8 ppg & 1.15 ft^3/sx) up to 2516'. PUH to 2483' and spot inhibited water from 2483' up to 1614'. PUH to 1645'. Spot 15 sxs class G neat cement (15.8 ppg & 1.15 ft^3/sx) from 1645' up to 1512'. PUH to 1489' and spot inhibited water from 1489' up to 403'. PUH to 419'. Spot class G cement (15.8 ppg & 1.15 ft^3/sx yield) from 403' up to surface and LD remaining tubing. Cut off 5-1/2" casing and top off with cement. RIH with 1" tubing to 50' in 8-5/8" x 5-1/2" annulus and circulate class G neat cement from 50' up to surface. Install P&A marker.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Chris Clark  
Signature

Title  
Production Engineer

Date  
01/18/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_  
Conditions of approval, if any, are attached. Approval of this notice 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.

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

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

(Instructions on reverse)

RECEIVED

JAN 23 2008

DIV. OF OIL, GAS & MINING