

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS X WATER SANDS LOCATION INSPECTED SUB. REPORT/abd.

Confidential Status Expired 10-30-94 960401 Oper. Nm. Chg.
 971260 Equitable to Inland et al. 9-30-97:

DATE FILED 5-20-93

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-65207 INDIAN

DRILLING APPROVED: 6-21-93

SPUDED IN: 8-23-93

COMPLETED: 9-30-93 PWD PUT TO PRODUCING: 9-30-93

INITIAL PRODUCTION: 50 BOPD; 75 MCF; 20 BWPD

GRAVITY A.P.I. 34

GOR: 1500

PRODUCING ZONES: 4780-5359 (GREV)

TOTAL DEPTH: 6190'

WELL ELEVATION: 5747.3 GL

DATE ABANDONED:

FIELD: ~~CASTLE PEAK~~ MONUMENT BUTTE 12-6-96

UNIT:

COUNTY: DUCHESNE

WELL NO. BALCRON FEDERAL #21-9Y API NO. 43-013-31396

LOCATION 476' FNL FT. FROM (N) (S) LINE. 2051' FWL FT. FROM (E) (W) LINE. NE NW 1/4 - 1/4 SEC. 9

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	16E	9	Inland Prod. Co.
							EQUITABLE RESOURCES



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

May 18, 1993

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MAY 20 1993

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

**DIVISION OF
OIL GAS & MINING**

Gentlemen:

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

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

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

EQUITABLE RESOURCES ENERGY COMPANY,
BALCRON OIL DIVISION

MONUMENT BUTTE DRILLING PROGRAM

Balcron Federal #21-25Y

NE NW Section 25, T9S, R16E
Duchesne County, Utah
198.4' FNL, 2302.2' FWL
FLS #U-64380
PTD 5,650'
GL 5684.9'

Balcron Federal #41-21Y

NE NE Section 21, T9S, R16E
Duchesne County, Utah
970.2' FNL, 893.8' FEL
FLS #U-64379
PTD 6,000'
GL 5953.5'

Balcron Federal #24-3Y

SE SW Section 3, T9S, R17E
Duchesne County, Utah
561.8' FSL, 1887.2' FWL
FLS #U-64381
PTD 5,950'
GL 5099.1'

Balcron Federal #21-9Y

NE NW Section 9, T9S, R16E
Duchesne County, Utah
476.2' FNL, 2051' FWL
FLS #U-65207
PTD 6,190'
GL 5747.3'

Balcron Federal #21-13Y

NE NW Section 13, T9S, R16E
Duchesne County, Utah
702.7' FNL, 1830.5' FWL
FLS #U-64805
PTD 5,900'
GL 5535.5'

Balcron Federal #22-10Y

SE NW Section 10, T9S, R17E
Duschene County, Utah
1980' FNL, 1980' FWL
FLS #U-65210
PTD 5,850'
GL 5121.9'

EQUITABLE RESOURCES ENERGY COMPANY,
BALCRON OIL DIVISION

MONUMENT BUTTE DRILLING PROGRAM

Balcron Federal #44-14Y
SE SE Section 14, T9S, R17E
Duchesne County, Utah
1008.2' FSL, 832.3' FEL
FLS #U-64806
PTD 5,700'
GL 5164.3'

Balcron Monument Federal #14-8
SW SW Section 8, T9S, R17E
Duchesne County, Utah
660' FSL, 660' FWL
FLS #U-007978
PTD 5,950'
GL 5370.6'

Balcron Monument Federal #41-18
NE NE Section 18, T9S, R17E
Uintah County, Utah
660' FNL, 660' FEL
FLS #U-3563-A
PTD 5,900'
GL 5406.3'

5/17/93
/rs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 EQUITABLE RESOURCES ENERGY COMPANY

3. ADDRESS OF OPERATOR
 P.O. Box 21017; Billings, MT 59104 (Balcron Oil Division)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 NE NW Section 9, T9S, R16E 476.2' FNL, 2051' FWL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 13 miles SW of Myton, Utah

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH
 6,150'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5247.3' GL

22. APPROX. DATE WORK WILL START*
 June 1, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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EXHIBITS ATTACHED

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

DIVISION OF
 OIL, GAS & MINING

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

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

24. SIGNED Robbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE May 17, 1993

(This space for Federal or State office use)
 APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

PERMIT NO. 43-013-31394 APPROVAL DATE _____ DATE: 6-21-93
 APPROVED BY _____ BY: [Signature]
 CONDITIONS OF APPROVAL, IF ANY: _____ WELL SPACING: 649-3-2

*See Instructions On Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					5. Lease Designation and Serial No. Federal # U-65207
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>					6. If Indian, Allottee or Tribe Name n/a
b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>					7. Unit Agreement Name n/a
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division					8. Farm or Lease Name Balcron Federal
3. Address of Operator P.O. Box 21017; Billings, MT 59104					9. Well No. #21-9Y
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NE NW Section 9, T9S, R16E 476.2' FNL, 2051' FWL At proposed prod. zone					10. Field and Pool, or Wildcat Monument Butte/Green River
					11. 00, Sec., T., R., M., or B.L. and Survey or Area NE NW Sec. 9, T9S, R16E
14. Distance in miles and direction from nearest town or post office* Approximately 13 miles from Myton, Utah (SW)					12. County or Parrish Duchesne
					13. State UTAH
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest dirk. line, if any)	16. No. of acres in lease	17. No. of acres assigned to this well			
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.	19. Proposed depth 6,150'	20. Rotary or cable tools Rotary			
21. Elevations (Show whether DF, RT, GR, etc.) GL 5747.3'	22. Approx. date work will start* June 1, 1993				
23. 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 well in accordance with attached Federal Application for Permit to Drill.

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MAY 20 1993

DIVISION OF
OIL, GAS & MINING

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. 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 Date: May 17, 1993
 (This space for Federal or State office use)

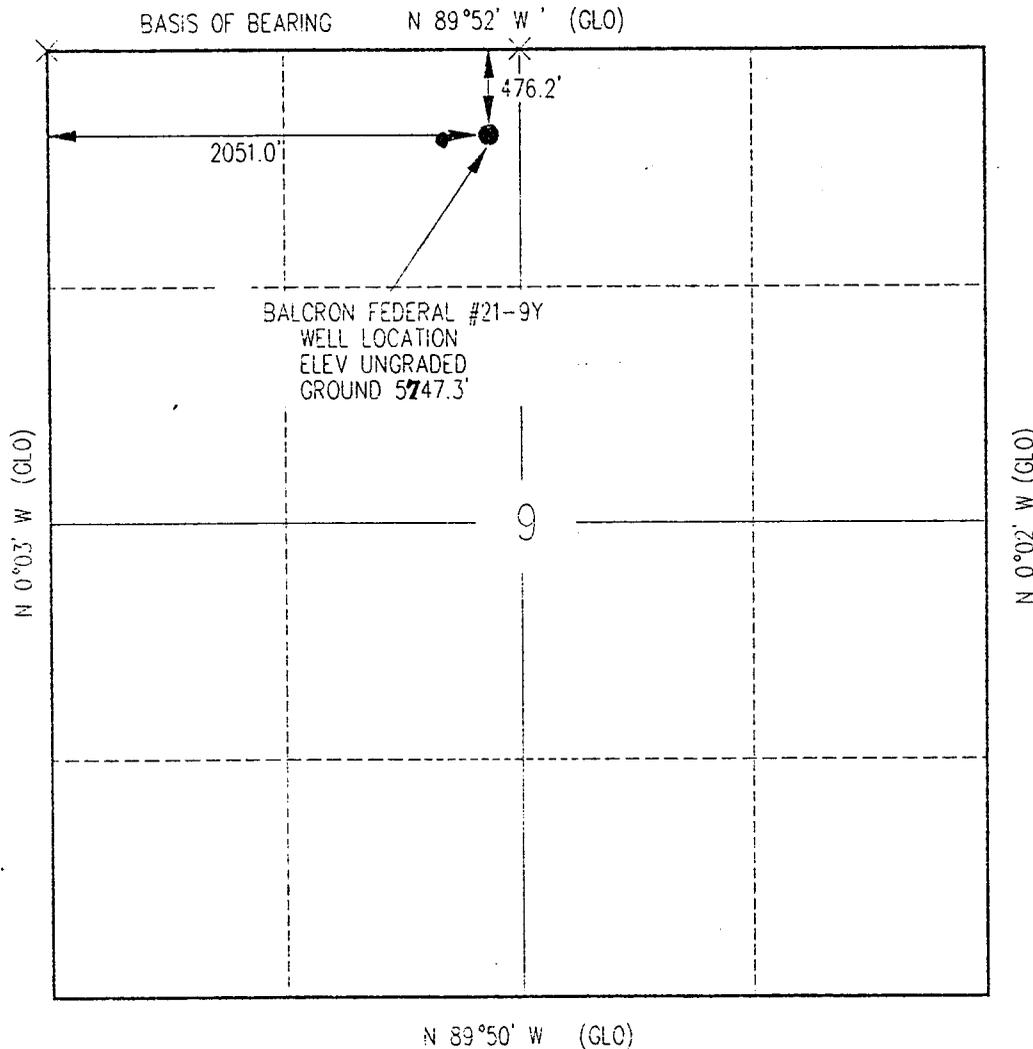
API NO. _____ Approval Date _____

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

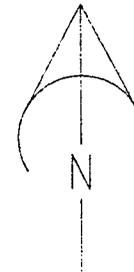
*See Instructions On Reverse Side

T9S, R16E, S.L.B. & M.

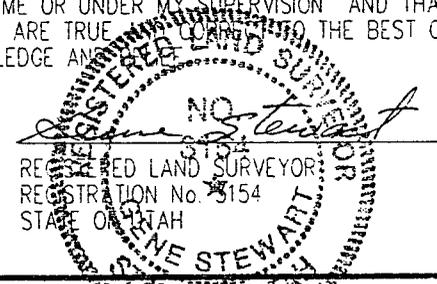
EQUITABLE RESOURCES ENERGY CO.



WELL LOCATION, BALCRON FEDERAL #21-9Y,
 LOCATED AS SHOWN IN THE NE 1/4 NW 1/4
 OF SECTION 9, T9S, R16E, 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 TO THE BEST OF
 MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING CONSULTING	
38 EAST 100 NORTH, VERNAL, UTAH 84078 (301) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: SS JC
DATE: 4/29/93	WEATHER: CLEAR & WARM
NOTES:	FILE # #21-9Y

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 SW)

EXHIBIT "G"

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Federal #21-9Y
NE NW Section 9-T9S-R16E
Duchesne County, Utah

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

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

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

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

4. PROPOSED CASING AND CEMENTING PROGRAM:

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

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

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

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

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon as 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.

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
BALCRON FEDERAL #21-9Y
NE NW SECTION 9, T9S, R16E
DUCHESNE COUNTY, UTAH

1. **Existing Roads: Refer to Maps "A" & "B" (shown in RED)**
 - A. The proposed well site is staked and four reference stakes are present. 225' & 275' North and 225' & 325' West.
 - B. The Federal #21-9Y is located 13 miles Southwest of Myton Utah in the NE1/4 NW1/4 Section 9, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 21-9Y, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 10.0 miles to an intersection with the Momnument Butte gas plant road, turn right and continue 3.2 miles to road intersection; turn right and proceed 2.8 miles to proposed access road sign. Follow flags 2000 feet to location.
 - C. Access roads - refer to Maps "A" and "B".
 - D. Access roads within a one-mile radius - refer to map "B".
 - E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.
2. **Planned Access Roads: Refer to Map "B" (shown in GREEN)**

Approximately 2000 feet of new road construction will be required for access to the proposed well location.

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

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

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

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

Upgrading shall not be allowed during muddy conditions.

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

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

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

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

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

Please Refer to Map "C"

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

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

A. Existing

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

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.
- 3. Production facilities will be accommodated on the

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

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

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.

- C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operation will be accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

- F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.
- G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

- A. Water to be used for the drilling of these wells will be

hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah.

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

6. Source of Construction Materials

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

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

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

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

D. There are no trees on this location.

7. Methods of Handling Waste Materials:

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

B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within ninety (90) days after termination of drilling and completion activities.

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

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

lined with a plastic nylon reinforced liner.

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

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

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

8. Ancillary Facilities:

None anticipated.

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There will be three (3) trailers on location during drilling operation.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations.
- D. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid. The flare pit will be located downwind of the prevailing wind near corner #8 . Access will be from the East near corner #3.

The reserve pit will be lined with a 12 mil plastic liner, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

- E. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.
 - 1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 - 2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
 - 3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

- F. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

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

A. Production

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

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

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

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

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

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

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

Pure Live Seed (PLS)	Seed Mix
lbs./acre	
1	Forage Kochia (<i>Kochia prostrata</i>)
3	Ephriam Crested Wheatgrass (<i>Agropyron cristatum</i> Ephriam)
2	Russian Wildrye (<i>Elymus junceus</i>)
2	Fourwing Saltbush (<i>Atriplex canescens</i>)
3	Needle-and-Thread Grass (<i>Stipa comata</i>)
1	Yellow Sweetclover (<i>Melilotus officinalis</i>)

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be

conducted after September 1 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:

(c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.

2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeded operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 12 miles South of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in

of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

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

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

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

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

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

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

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 2. There are no occupied dwellings in the immediate area
 3. An archaeological report will be forwarded upon completion. *Attached as Exhibit "F."*
 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 5. A silt catchment dam and basin may be required at the

BLM's discretion

13. Lessee's or Operator's Representative:

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

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

Dale Griffin, Home (303)824-3323

14. certification:

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

May 17, 1993
Date

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

EXHIBIT "C"

BALCRON OIL COMPANY
 =====
 Geologic Prognosis

EXPLORATORY _____
 DEVELOPMENT X

WELL NAME: Balcron Federal #21-9Y PROSPECT/FIELD: Monument Butte
 LOCATION: NENW 476' FNL, 2051' FWL SECTION 9 TOWNSHIP 9S RANGE 16E
 COUNTY: Duchesne STATE: UT GL(Ung): 5747.3' EST KB: 5754' TOTAL DEPTH 6150

FORM. TOPS:

Formation KB	Prognosis		Sample Top		Cnll Wl. Datum	Formation	Prognosis		Sample Top		Cnll Datum
	Depth	Datum	Depth	Datum			Depth	Datum			
		<u>5754</u>			<u>5796</u>						
<u>Uinta</u>	<u>Surf.</u>										
<u>Green River</u>	<u>1666</u>	<u>4088</u>			<u>4070</u>						
<u>2nd GG</u>	<u>3984</u>	<u>1770</u>			<u>1752</u>						
<u>Y-2</u>	<u>4290</u>	<u>1464</u>			<u>1446</u>						
<u>Douglas Crk.</u>	<u>4774</u>	<u>980</u>			<u>962</u>						
<u>R-1</u>	<u>4804</u>	<u>950</u>			<u>932</u>						
<u>G-1</u>	<u>5022</u>	<u>732</u>			<u>714</u>						
<u>G-3</u>	<u>5228</u>	<u>526</u>			<u>508</u>						
<u>Carb. Mkr.</u>	<u>5668</u>	<u>86</u>			<u>68</u>						
<u>TD</u>	<u>6150</u>										

CONTROL WELL: Diamond Shamrock Oil/Oil NESE Section 5 Township 9S Range 16E
Castle Peak Fed. #43-5

SAMPLES:

Depth	Number of Samples	From	To	Log	From	To
<u>50</u>	<u>1600</u>	<u>4000</u>	<u>4000</u>	<u>DLL/MSFL</u>	<u>Surf.</u>	<u>TD</u>
<u>10</u>	<u>4000</u>	<u>TD</u>	<u>TD</u>	<u>LDT/CNL</u>	<u>3500</u>	<u>TD</u>

Send Samples To:
Utah Geological Sample Library
1 Dry Cut

CORES:
None

DRILL STEW TESTS:
None

HUG LOGGER/HOT WIRE:
 Required: (Yes/No) Yes
 Type: Two Man

WELLSITE GEOLOGIST:
 From 1600 to TD
 Name: _____ Tele. #: (____) _____
 Address: _____

COMMENTS:

PREPARED BY: K. K. Reinschmidt, S. W. VanDelinder DATE: 5-13-85

Equitable Resources Energy Company
Balcron Oil Division

DRILLING PROGRAM

WELL NAME: Balcron Federal 21-9Y PROSPECT/FIELD: Monument Butte
 LOCATION: NE NW Sec.9 Twn.9S Rge.16E
 COUNTY: Duchesne STATE: Utah

TOTAL DEPTH: 6150

HOLE SIZE INTERVAL

12 1/4" 0 to 260'
 7 7/8" 260 to 6150'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260	8 5/8"	24 #/Ft	J-55
Production Casing	0	6150	5 1/2"	15.50#/Ft	J-55
(All Casing will be new, ST&C)					

CEMENT PROGRAM

Surface 150 sacks 75% Class "G" 25% Poz with 2% CaCl and 1/4 #/Sk Flocele.
 (Cement will be circulated to surface.)

Production 250 sacks Thifty Lite and 400 sacks 50-50 Poz mix.
 (Top of cement will be 2000')

PRELIMINARY DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Air and air mist	0	260	N.A.	N.A.	N.A.
Air/Air Mist/KCl Water	260	T.D.	8.7-8.9	N.A.	N.A.

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

COMMENTS

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

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Balcron Fed. 21-9Y
Project ID:	Location: Monument Butte, Utah

Design Parameters:

Mud weight (8.90 ppg) : 0.462 psi/ft
 Shut in surface pressure : 2228 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

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

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	6,150	5-1/2"	15.50	J-55	ST&C	6,150	4.825		
	Collapse			Burst	Min Int	Yield	Tension		
	Load	Strgth	S.F.	Load	Strgth	S.F.	Load	Strgth	S.F.
	(psi)	(psi)		(psi)	(psi)		(kips)	(kips)	
1	2843	4040	1.421	2843	4810	1.69	95.33	202	2.12 J

Prepared by : McCoskery, Billings, MT
 Date : 05-17-1993
 Remarks :

Minimum segment length for the 6,150 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.462 psi/ft and 2,843 psi, respectively.

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



United States Department of the Interior

TAKE PRIDE IN AMERICA

BUREAU OF LAND MANAGEMENT
MONTANA STATE OFFICE
222 NORTH 32ND STREET
P.O. BOX 36800
BILLINGS, MONTANA 59107-6800

IN REPLY TO:

MTM 12619-A et al
BLM BOND NO. MT0576
(922.31)

April 25, 1989

NOTICE

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

OIL AND GAS

CORPORATE MERGER RECOGNIZED RIDER TO NATIONWIDE BOND ACCEPTED

Acceptable evidence has been filed in this office concerning the merger of Balcron Oil Company into Equitable Resources Energy Company, the surviving corporation. Information provided shows that Balcron Oil Company merged into Equitable Resources Energy Company, changing the former entity's name to Balcron Oil, a Division of Equitable Resources Energy Company. Please note that Divisions cannot hold leases, therefore, after consultation with Balcron Oil, this office is recognizing only the merger action.

A rider was filed on April 20, 1989, to be made a part of \$150,000 Nationwide Oil and Gas Bond No. 5547188 (BLM Bond No. MT0576) with Balcron Oil Company as principal and Safeco Insurance Company of America as surety. By means of this rider, the surety consents to changing the name on the bond from Balcron Oil Company to Equitable Resources Energy Company. The rider is accepted effective April 20, 1989.

For our purposes, the merger is recognized effective April 20, 1989.

The oil and gas lease files and communitization agreement files identified on the enclosed Exhibit A have been noted as to the merger. Other lease interests will be transferred by assignments from Ballard & Cronoble to Equitable Resources Energy Company.

Cynthia L. Embretson
Cynthia L. Embretson, Chief
Fluids Adjudication Section

1 Enclosure
1-Exhibit A

cc: (w/encl.)
AFS, Denver (1)
All DMs (1 ea.)
RMO Section (1)
Regional Forester, Lakewood (2)
Regional Forester, Missoula (2)
Bureau of Reclamation (1)

Form 3104-8
(July 1984)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

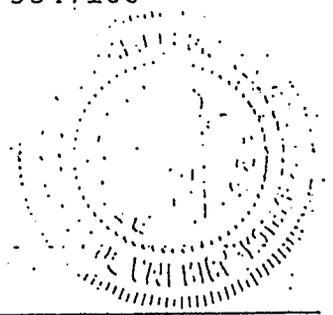
STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable



KNOW ALL MEN BY THESE PRESENTS, That we
BALCRON OIL COMPANY
of 1601 Lewis Avenue, Billings, MT 59104

as principal, and
SAFECO INSURANCE COMPANY OF AMERICA
of 111 Presidential Blvd., Suite 231, Bala Cynwyd, PA 19004

as surety, are held and firmly bound unto the United States of America in the sum of ONE HUNDRED FIFTY THOUSAND AND 00/100-----dollars (\$ 150,000.00), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally.

- The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.
- The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

ALL STATES

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

tract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:

WHEREAS the principal is authorized to drill for, mine, ex-



SURETY RIDER

EXHIBIT "E" Page 3 of 4
SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
FIRST NATIONAL INSURANCE COMPANY
OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

To be attached to and form a part of

Type of Bond: Nationwide Oil and Gas Lease Bond

Bond No. 5547188 (BLM Bond No. MT0576)

dated effective 9/8/88
(MONTH, DAY, YEAR)

executed by BALCRON OIL COMPANY, as Principal,
(PRINCIPAL)

and by SAFECO INSURANCE COMPANY OF AMERICA, as Surety,
(SURETY)

in favor of UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND
(OBLIGEE) MANAGEMENT

In consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to changing

The name of the Principal

From: BALCRON OIL COMPANY

To: EQUITABLE RESOURCES ENERGY COMPANY

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective 1/1/89
(MONTH, DAY, YEAR)

Signed and Sealed 4/10/89
(MONTH, DAY, YEAR)

EQUITABLE RESOURCES ENERGY COMPANY
PRINCIPAL

By: _____ TITLE

SAFECO INSURANCE COMPANY OF AMERICA
SURETY

By: *[Signature]*
R. George Voinchet ATTORNEY-IN-FACT



POWER
OF ATTORNEY

SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

EXHIBIT "E" Page 4 of 4
3798

No. _____

KNOW ALL BY THESE PRESENTS:

That SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA, each a Washington corporation, does each hereby appoint

-----THOMAS L. VEHAR; R. GEORGE VOINCHET, Pittsburgh, Pennsylvania-----

its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

this 4th day of September, 19 87.

CERTIFICATE

Extract from the By-Laws of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA:

"Article V, Section 13. — FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,

- (i) The provisions of Article V, Section 13 of the By-Laws, and
- (ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and
- (iii) Certifying that said power-of-attorney appointment is in full force and effect,

the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, Boh A. Dickey, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

this 10th day of April, 19 89.



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

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

May 6, 1993

Subject: CULTURAL RESOURCE EVALUATION OF NINE PROPOSED WELL LOCATIONS IN THE CASTLE PEAK DRAW LOCALITY OF DUCHESNE AND Uintah COUNTIES, UTAH

Project: Balcron Oil Company -- 1993 Development Program for the Monument Butte Lease Area Units: 41-18, 14-8, 21-13Y, 21-25Y, 41-21Y, 21-9, 44-14Y, 24-3Y, and 22-10Y

Project No.: BLCR-93-1

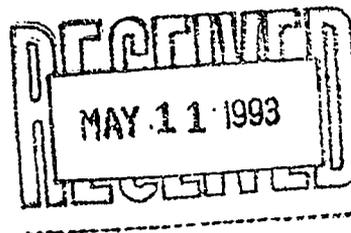
Permit No.: Dept. of Interior -- UT-92-54937

Utah State No.: UT-93-AF-158b

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

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

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



5-13-93 NOTE: The access route on our 41-214 was changed at the onsite. The new access will be re-evaluated and a supplemental report submitted/ps

CULTURAL RESOURCE EVALUATION
OF NINE PROPOSED WELL LOCATIONS IN THE
CASTLE PEAK DRAW LOCALITY
OF DUCHESNE AND UINTAH COUNTIES, UTAH

Report Prepared for BALCRON OIL COMPANY

Dept. of Interior Permit No.: UT-92-54937
AERC Project 1373 (BLCR-93-1)

Utah State Project No.: UT-93-AF-158b

Principal Investigator: F. Richard Hauck, Ph.D.
Author of Report: Glade Hadden

ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)

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

May 6, 1993

ABSTRACT

Intensive cultural resource evaluations have been conducted for Balcron Oil Company of seven proposed well locations on federal lands in the Castle Peak Draw locality of Duchesne and Uintah Counties, Utah. The examinations of these nine locations involved a total of 119.1 acres of which 29.1 acres (4 miles) includes eight separate access routes associated with Units 41-18, 14-8, 21-13Y, 21-25Y, 41-21Y, 21-9, 44-14Y and 24-3Y. The remaining 90 acres involves ten acre parcels at all nine of the proposed Units (41-18, 14-8, 21-13Y, 21-25Y, 41,21Y, 21-9, 44-14Y, 24-3Y and 22-10Y). These evaluations were conducted on May 3 and 4, 1993 by archaeologist Glade Hadden under the supervision of F. Richard Hauck.

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

One newly identified cultural resource activity locus was evaluated and recorded during the examinations. This site (42UN 2062) consists of a non-significant lithic scatter associated with proposed Unit 44-14Y.

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

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GENERAL INFORMATION

On May 3 and 4, 1993, archaeologist Glade Hadden acting under the supervision of F.R. Hauck, conducted intensive cultural resource evaluations for Balcron Oil Company of Billings, Montana. These examinations involved nine separate well locations (41-18, 14-8, 21-13Y, 21-25Y, 41-21Y, 21-9, 44-14Y, 24-3Y and 22-10Y) and eight linear access route evaluations totaling 4 miles associated with Units 41-18, 14-8, 21-13Y, 21-25Y, 41-21Y, 21-9, 44-14Y and 24-3Y. This project area is situated in the Castle Peak Draw locality of Duchesne and Uintah Counties, Utah.

This project is situated on federal lands administered by the Diamond Mountain Resource Area of the Vernal District of the Bureau of Land Management.

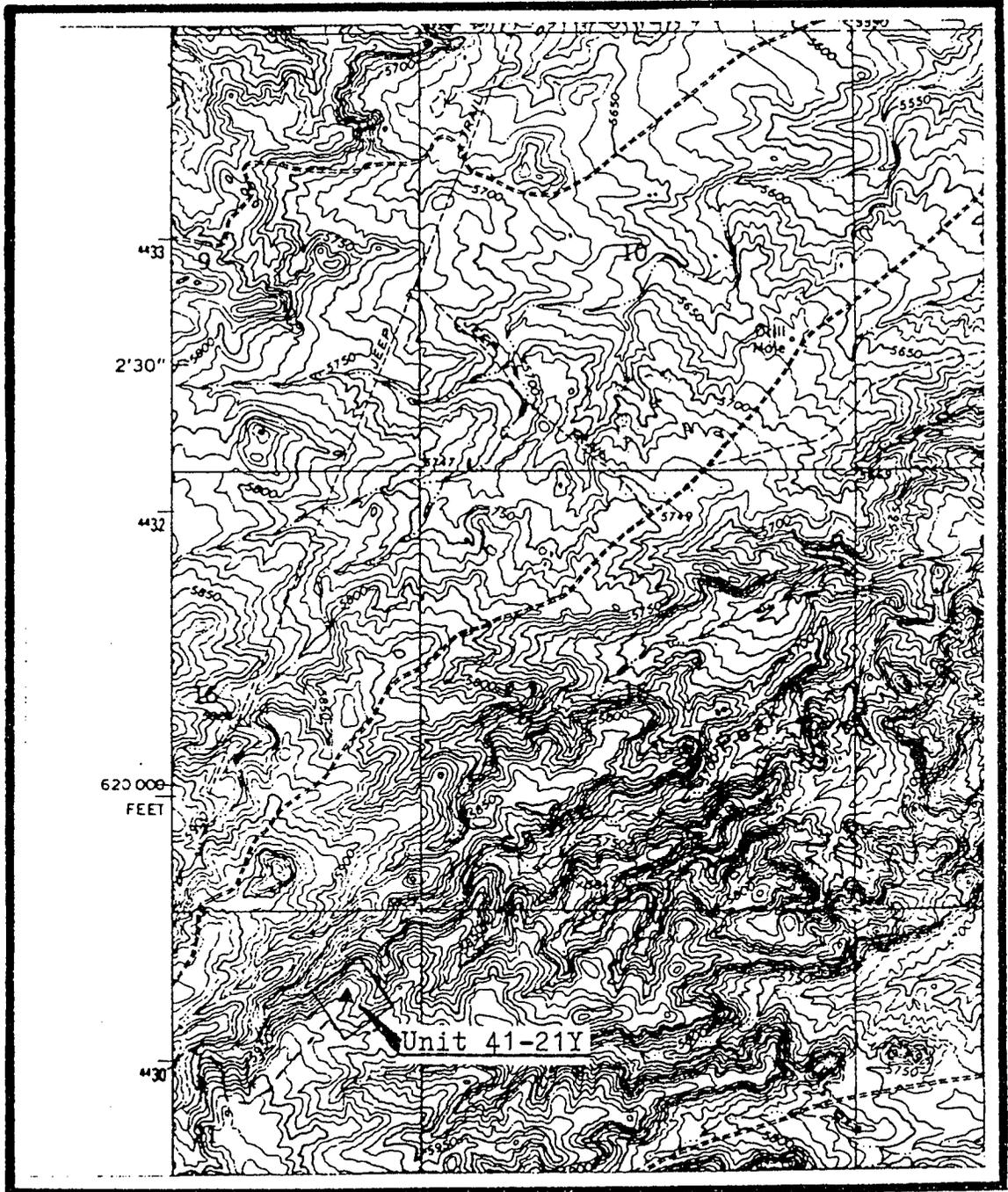
The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations requires an archaeological evaluation in compliance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

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Vernal District Office of the Bureau of Land Management relative to the locations on public lands, and to the Antiquities Section of the Utah State Division of History. This work was done under U.S. Department of Interior Permit for Utah UT-92-54937 which expires on January 31, 1994.

The nine evaluated well locations included nine 10 acre parcel evaluations for a total of 90 acres. A series of 15 to 20 meter-wide survey transects were walked within the 60 foot-wide corridors associated with the eight access routes covering a total distance of 4 miles or some 29.1 acres. A total of 119.1 acres were examined during this inventory.

Project Location

The project location is in the Vernal District of the Bureau of Land Management. It is situated on the Myton SE, Myton SW and Pariette Draw SW 7.5 minute topographic quads as shown on the attached maps.



T. 9 South
 R. 16 East
 Meridian S.L.B.M.
 Quad: Myton SE
 Utah

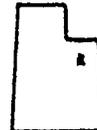
MAP 2
 Cultural Resource Survey
 of Balclron Unit 41-21Y in
 the Castle Peak Draw area
 of Duchesne County

Legend:
 Well Location ▲
 Access Route - - - - -

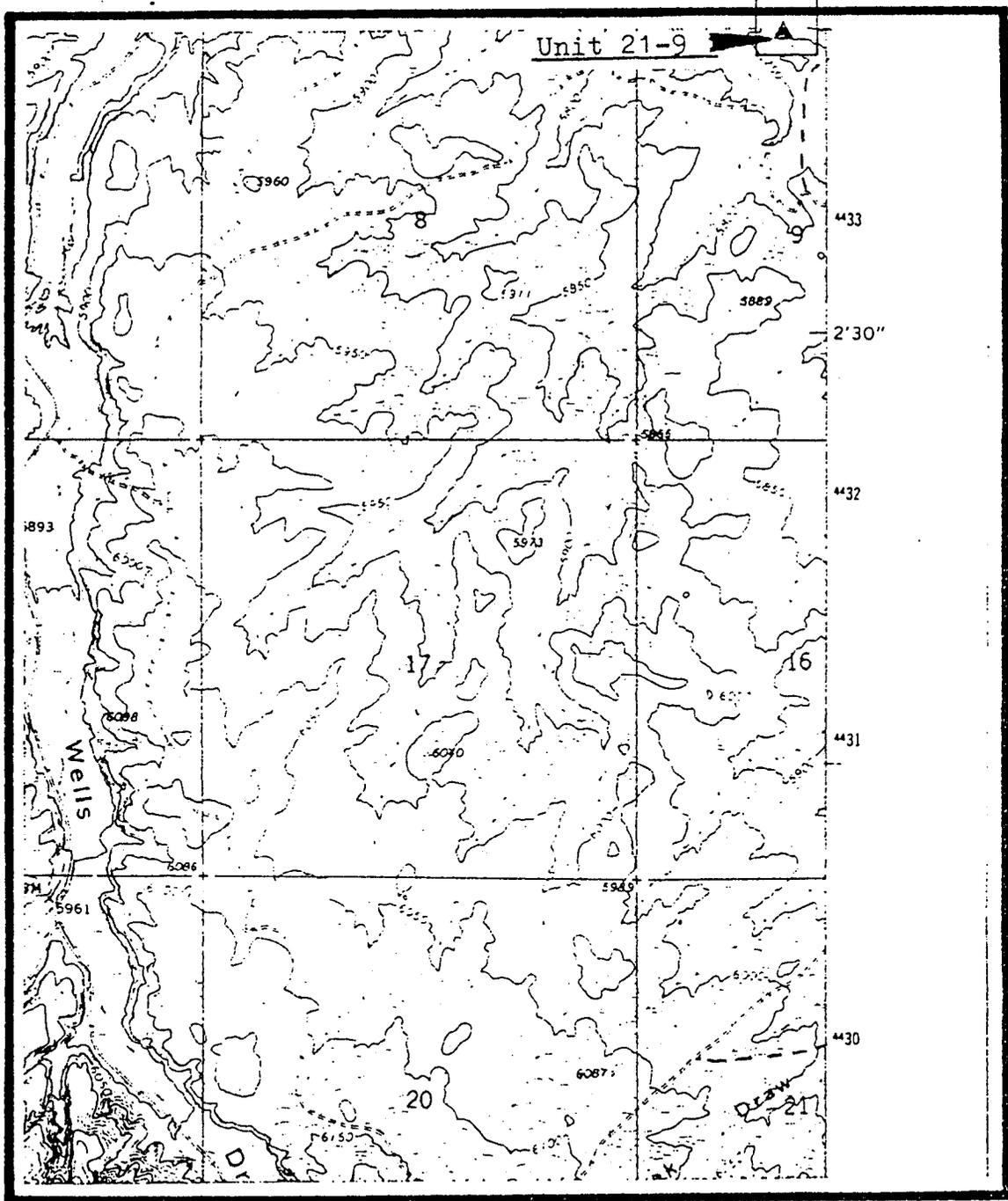
4
 |
 N

Project: BLCR-93-1
 Series: Uinta Basin
 Date: 5-6-93

Scale: 1:24,000



AERL



T. 9 South
 R. 16 East
 Meridian: S.L.B.M
 Quad: Myton SW,
 Utah

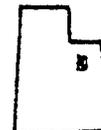
MAP 3
 Cultural Resource Survey
 of Balcron Unit 21-9 in the
 Castle Peak Draw Area of
 Duchesne County

Legend:
 Well Location ▲
 Access Route - - -

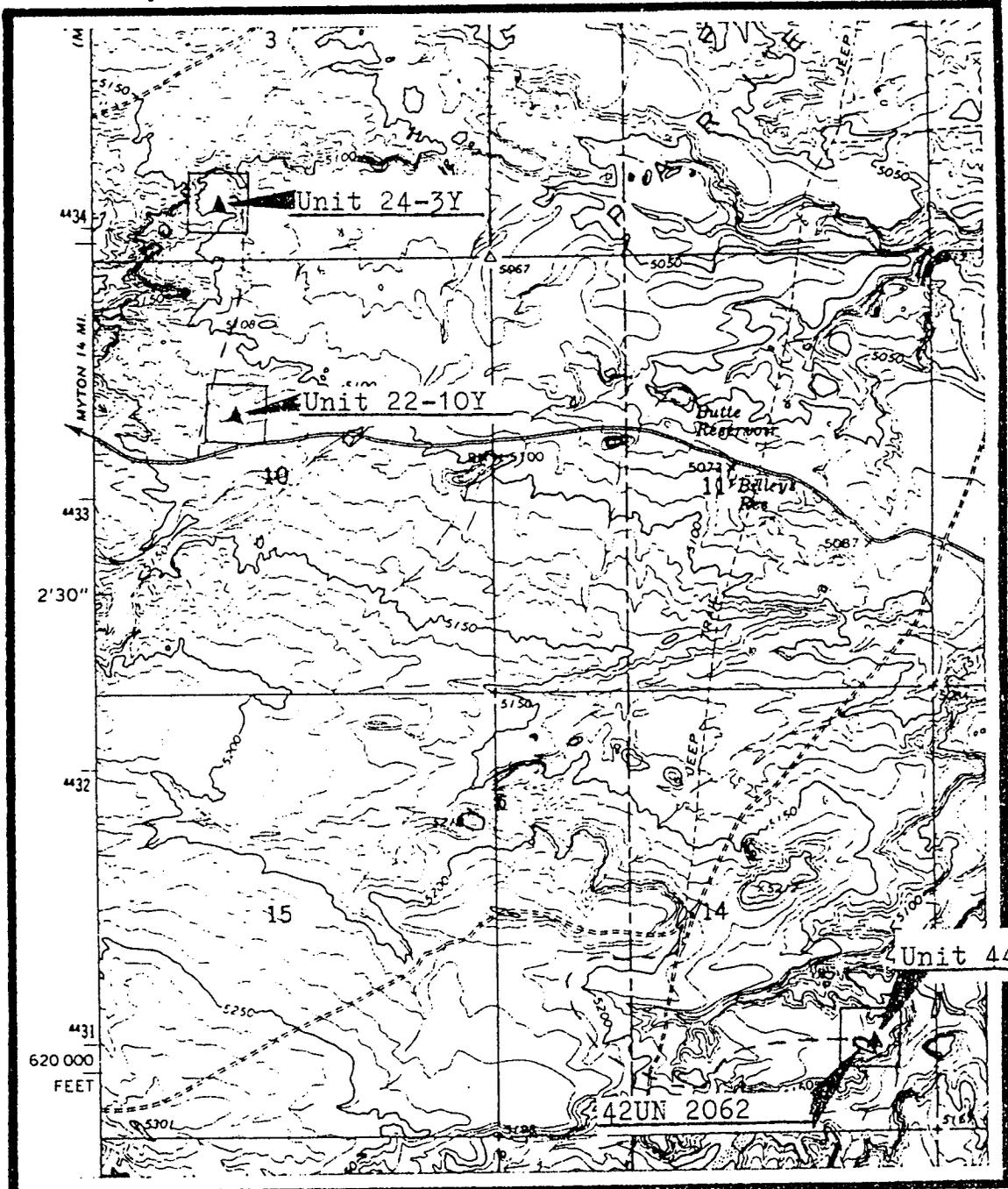


Project: BLCR-93-1
Series: Uinta Basin
Date: 5-6-93

Scale: 1:24,000



AERL



T. 9 South
 R. 17 East
 Meridian: S.L.B.M.
 Quad: Pariette
 Draw SW,
 Utah

MAP 4
 Cultural Resource Survey
 of Balcron Units 44-14Y,
 24-3Y and 22-10Y in the
 Castle Peak Draw Area

Legend:
 Well Location ▲
 Access Route - - -
 Cultural Site ○

4
 N

Project: BLCR-93-1
 Series: Uinta Basin
 Date: 5-6-93

Scale: 1:24,000



Unit 41-18 is situated in the NE - NE quarter of Section 18, Township 9 South, Range 17 East. Its access route extends for ca. .2 mile to the southwest from an existing road traversing the northeastern corner of that section (see Map 1).

Unit 14-8 is in the SW - SW quarter of Section 8 of that same township and range. An access route extends ca. .2 mile northeast from the same existing road to the location (see Map 1).

Unit 21-13Y is situated in Section 13, Township 9 South, Range 16 East. This unit is situated in the NE - NW quarter of that section (see Map 1). Its access route extends ca. .5 mile east along an existing jeep trail, then southeast onto the location.

Unit 21-25Y is in the NE - NW of section 25 of Township 9 South, Range 16 East. The unit is accessible via a ca. .2 mile-long access that begins at an existing road which crosses the NW corner of that section, and extends to the southeast to the well location.

Unit 41-21Y is located in the NE - NE quarter of Section 21, Township 9 South, Range 16 East (see Map 2). Its 1 mile-long access begins at an existing roadway to the southwest of the location (see Map 3).

Unit 21-9 is also located in Township 9 South, Range 16 East. It is situated in the NE - NW quarter of Section 9 (see Map 3). This unit has a ca. .4 mile access route which will connect the location with the existing road to the south of the location (see maps 2 and 3).

Unit 44-14Y is located in the SE - SE quarter of section 14, Township 9 South, Range 17 East. A ca. 1 mile access route links the unit with an existing one lane jeep trail to the west, near the center of section 14. This jeep trail, in turn, connects with a road/pipeline corridor ca. .5 mile to the north (see map 4).

Unit 24-3Y is situated in the SE - SW quarter of section 3, Township 9 South, Range 17 East. A ca. .5 mile access route connects the unit to the main Castle Peak / Pariette Bench road to the south (see map 4).

Unit 22-10Y is in the SE - NW quarter of section 10 in that same township and range. The unit is located immediately adjacent to the access route leading to unit 24-3Y (see map 4).

Environmental Description:

The project areas range within the 5100 to 5900 foot elevation zone above sea level. Open rangeland terrain surfaces are associated with all locations.

The vegetation in the project area includes *Chrysothamnus* spp., *Sarcobatus vermiculatus*, *Ephedra viridis*, *Artemesia tridentata*, *Atriplex canescens*, and *Bromus tectorum*.

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

PREVIOUS RESEARCH IN THE LOCALITY

File Search

Records searches of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City were conducted on May 5, 1993. A similar search was conducted in the Vernal District Office of the BLM on May 3, 1993. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Castle Peak Draw locality. Most of these prehistoric resources, including 42DC 349, 350, 351, 352, 353, 732, 761, 763 and 765 have been identified and recorded by AERC during previous evaluations (Hauck 1981, 1992a, 1992b, 1992c, 1992d). Additional sites previously recorded in this locality include Sites 42DC 423, 424, and 425 which were documented by Sagebrush (Polk 1982), 42DC 382 identified by Grand River (Babcock 1981), and 42DC 539, 540, 541, 542, 543 and 556 recorded by BLM Archaeologist Blaine Phillips in 1983.

One site identified in the project area during the search may be affected. Site 42DC 765 is a lithic scatter/rockshelter complex located by AERC during a previous evaluation for Balcron in the area (Hauck 1992e). This site is located in section 8, adjacent to the proposed development area for unit 14-8, ca. 100 meters from the impacted area (see map 1). Site 42DC 765, while not directly affected by the proposed development may be adversely affected by the increased availability of access to the site.

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American

trappers, explorers, and settlers. Basically, each cultural stage -- with the exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

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

The majority of known sites in this project area are lithic scatters (42DC 349, 350, 353 and 763). Open occupations such as 42DC 352 are also present. Sites 42DC 351 and 761 are rock shelters. Based on the recovery of a Folsom point and a Desert Side-notch arrow point, a possible Paleoindian component and a more recent Numic component exist on Site 42DC 353. Sites in the project locality generally appear to have been occupied during the Archaic Stage and the Late Prehistoric Period.

Site density in Castle Peak Draw appears to range from six to over ten sites per section. This moderate to high density decreases substantially on the benches.

FIELD EVALUATIONS

Methodology

Intensive evaluations were accomplished within each survey area by the archaeologist walking 10 to 20 meter-wide transects within each ten acre parcel associated with a well location. In addition, double 15 to 20 meter-wide transects were walked flanking the flagged centerline. Thus, ca. 4 miles or 29.1 acres of public lands associated with the eight access routes and another 90 acres associated with the nine well locations were examined by Glade Hadden acting under the direction of F. Richard Hauck, the Principal Investigator.

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

Site Significance Criteria

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

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

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

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

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

Results of the Inventory:

One non-significant prehistoric cultural resource activity locus was observed, evaluated and recorded during the archaeological evaluations. This site has been subsequently listed in the State and BLM files as 42UN 2062.

Site 42UN 2062 (see map 4) consists of a 20 x 100 meter lithic scatter that is predominantly composed of locally procured Parachute Creek chert nodules, primary and secondary flakes and a single non-diagnostic bifacially prepared

artifact. Detritus spread extends ca. 100 meters along the top of a bench associated with well location 44-14Y. Most of the site lies within the proposed development zone or access route for the unit. A small (ca. 2 x 10 meter) concentration of 6 primary and secondary flakes is associated with the single artifact. This small concentration lies entirely outside the proposed development area for the well location but is within the proposed access route. A more widely dispersed distribution of primary flakes and core fragments extending along the bench indicates limited prehistoric lithic testing and procurement activity at this site. Little potential exists for buried deposits, and no other features were noted. Site integrity is good to excellent, with the only noted impact agent being erosion, however potential for extensive occupational strata and material deposits is low. Temporal and cultural associations for this site are presently unknown; no diagnostic artifacts or exposed features were observed during the survey.

This site is a non-significant resource. There exists little potential for providing any pertinent or valuable information on the prehistory of the region relative to criterion d of Title 36 CFR 60.6.

None of the previously recorded cultural sites in this project locality will be adversely affected by the proposed developments, with the possible exception of site 42DC 765. This site, while not directly affected, may be adversely impacted by the increased availability of access provided by the development of unit 14-8.

No isolated diagnostic artifacts were observed or collected during the survey. A single non-diagnostic artifact associated with site 42UN 2062 was collected.

CONCLUSION AND RECOMMENDATIONS

The development and maintenance of these nine locations will not have any direct adverse effect on any NRHP eligible cultural resources in this locality.

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the development of the nine well locations noted above based upon adherence to the following stipulations:

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



Glade Hadden
Field Archaeologist



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

REFERENCES

Babcock, T.

- 1981 Report on Cultural Resources Identified During an Inventory of Proposed Lomax 1-26 Well Location in the Monument Buttes Area of Duchesne County, 11/12/81. Report Prepared for Grand River Consultants, Grand Junction.

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation (AERC), Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation (AERC), Bountiful.
- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation (AERC), Bountiful.
- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation (AERC), Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation (AERC), Bountiful.

1992e Cultural Resource Evaluation of 7 Proposed Well locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation (AERC), Bountiful.

Polk, Michael

1982 Cultural resource inventory of NGC Well No. 12-8h. Report prepared by Sagebrush Archaeological Consultants, Ogden.

Report Acceptable Yes No

Mitigation Acceptable Yes No
 Comments: _____

Summary Report of
 Inspection for Cultural Resources

MONUMENT BUTTES 9 WELL UNITS

1. Report Title

BALCRON OIL CO. (14-8, 41-18, 24-3Y, 22-10Y, 44-14Y, 41-21Y, 21-9,
 21-13Y, 21-25Y)

2. Development Company _____

3. Report Date 0 5 06 1 9 9 3 4. Antiquities Permit No. UT-92-54937

5. Responsible Institution A E R C B L C R - 9 3 - 1 Uintah and Duchesne County

6. Fieldwork
 0 9 S 1 7 E 0 3 0 8 1 0 1 4
 1 8

7. Resource Location: TWN RNG Section. . . | . . . | . . . | . . . |
 0 9 S 1 6 E 0 9 1 3 2 1 2 5
 Area TWN RNG Section. . . | . . . | . . . | . . . |
 .D.M.

8. Description of Examination Procedures: The archeologist, Glade Hadden, acting under the direction of F.R. Hauck intensively examined nine 10 acre well parcels and associated access routes by walking a series of 10 to 20 meter-wide transects within the locations and along the flagged access centerlines.

9. Linear Miles Surveyed 4 10. Inventory Type I
 and/or Definable Acres Surveyed R = Reconnaissance
 and/or Legally Undefinable 1 1 9 . 1 I = Intensive
 Acres Surveyed S = Statistical Sample

11. Description of Findings: One cultural resource site was identified during the survey. Site 42UN 2062 is a lithic scatter. One biface was collected. This site is non-significant.
 12. Number Sites Found .1. (No sites = 0)
 13. Collection: .Y. Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected:
 The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 5-5-93 Vernal District Office Records 5-3-93

16. Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company for these proposed developments based on the following stipulations:

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

17. Signature of Administrator
& Field Supervisor

UT 8100-3 (2/85)

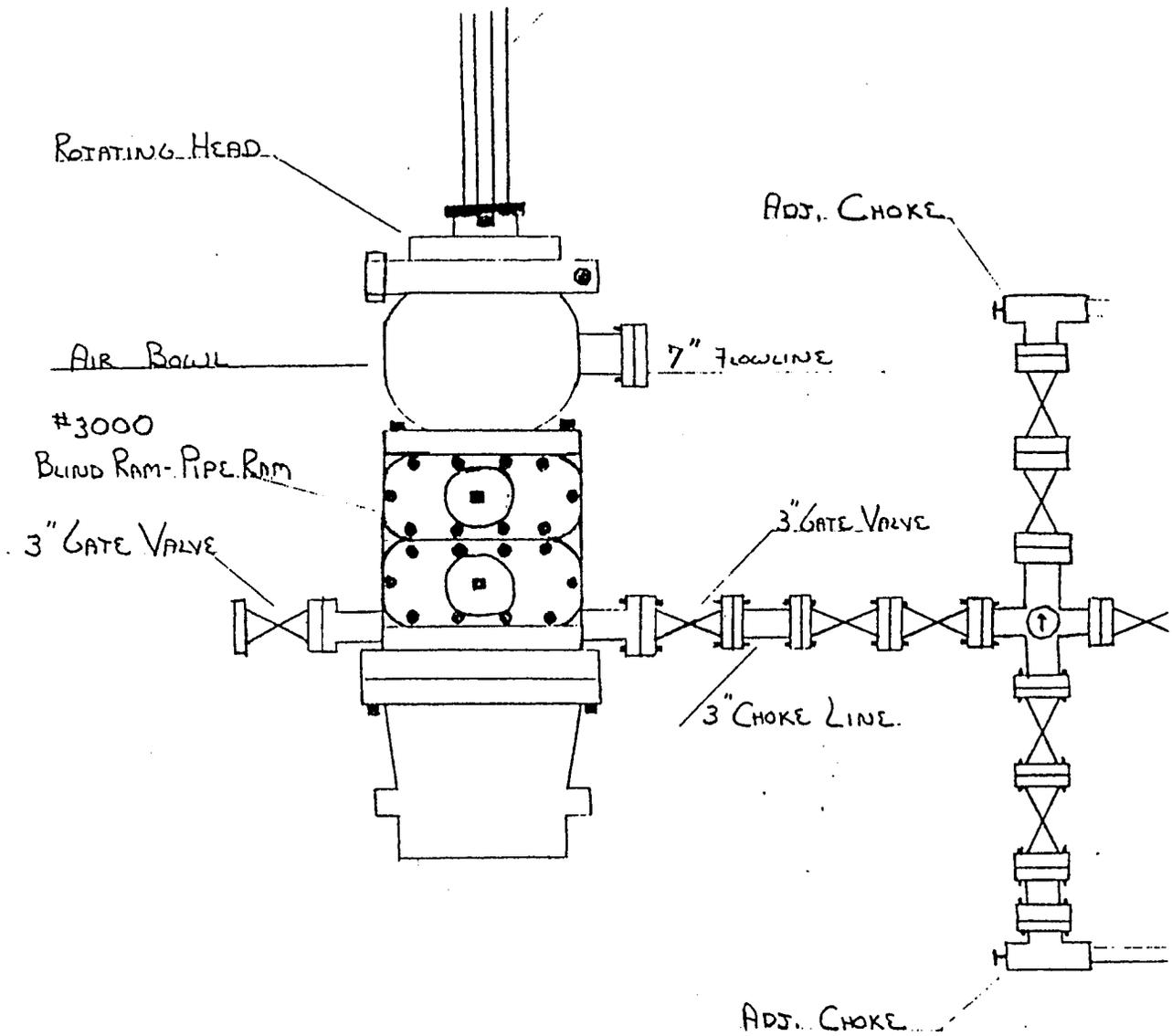
Administrator

Field
Supervisor

Mr. V. J. [Signature]

UNION DRILLING RIG #17

Hex Kelly

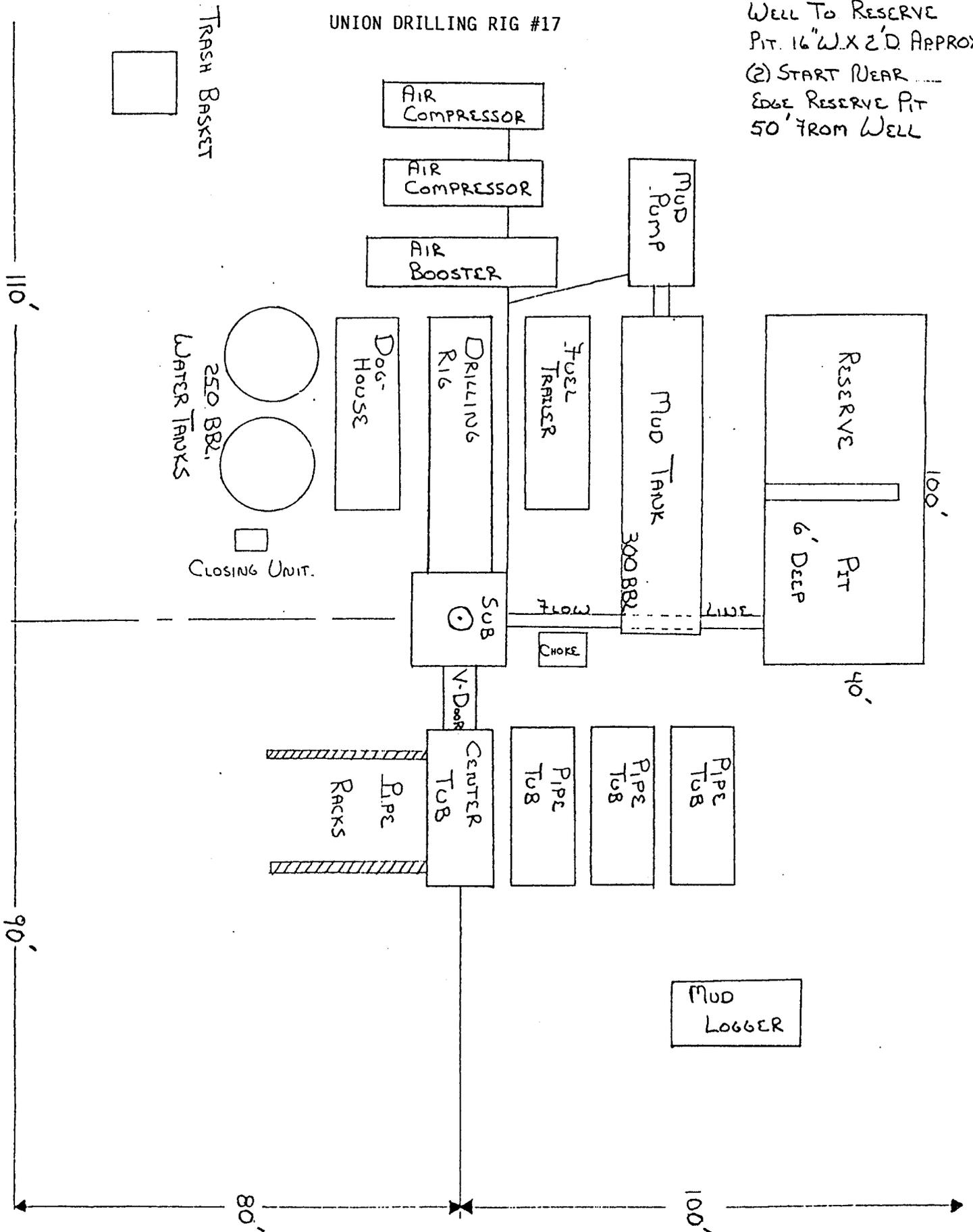


#3000 STACK

EXHIBIT "I"

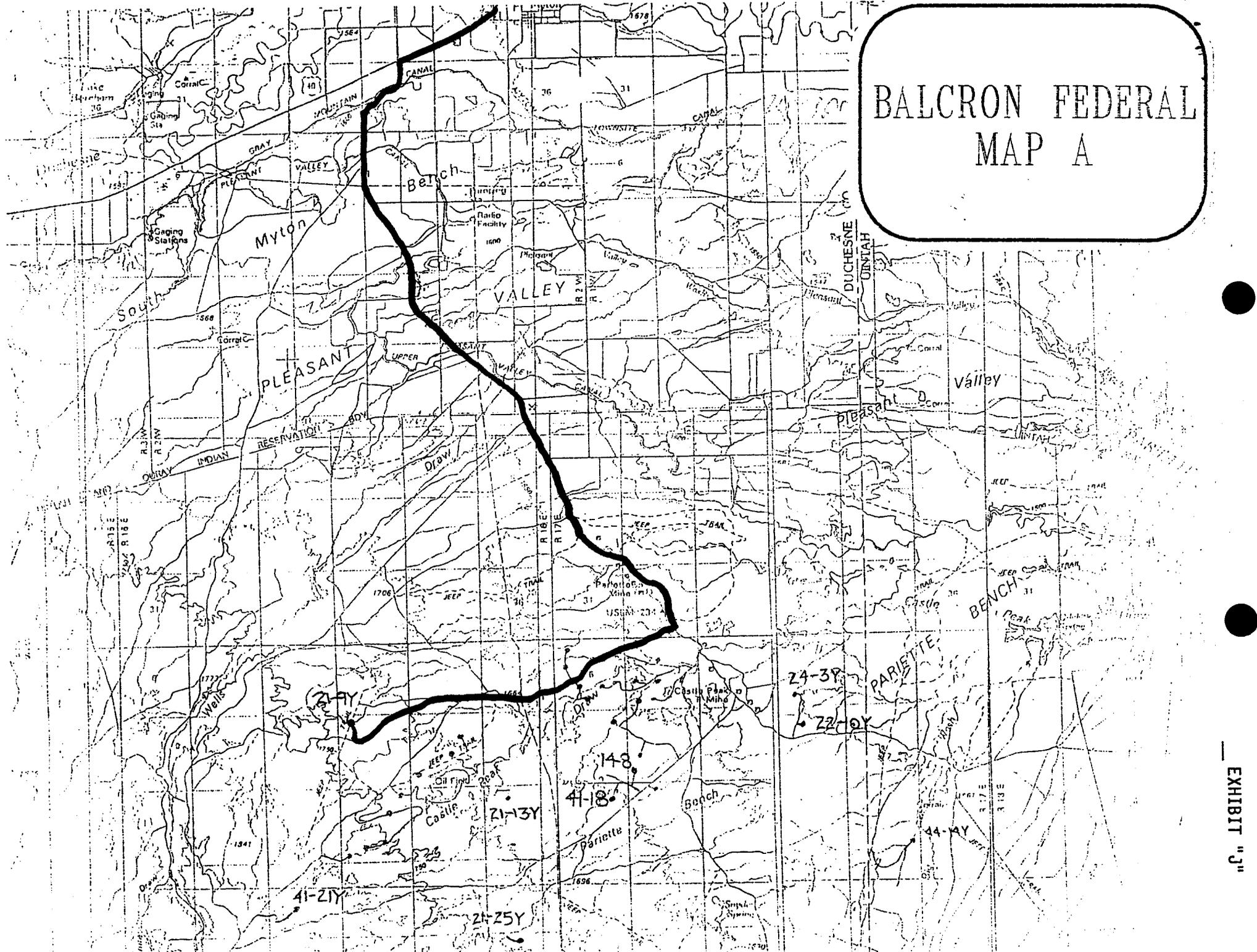
UNION DRILLING RIG #17

- (1) CUT DITCH FROM WELL TO RESERVE PIT. 16" W. X 2' D. APPROX
- (2) START NEAR EDGE RESERVE PIT 50' FROM WELL

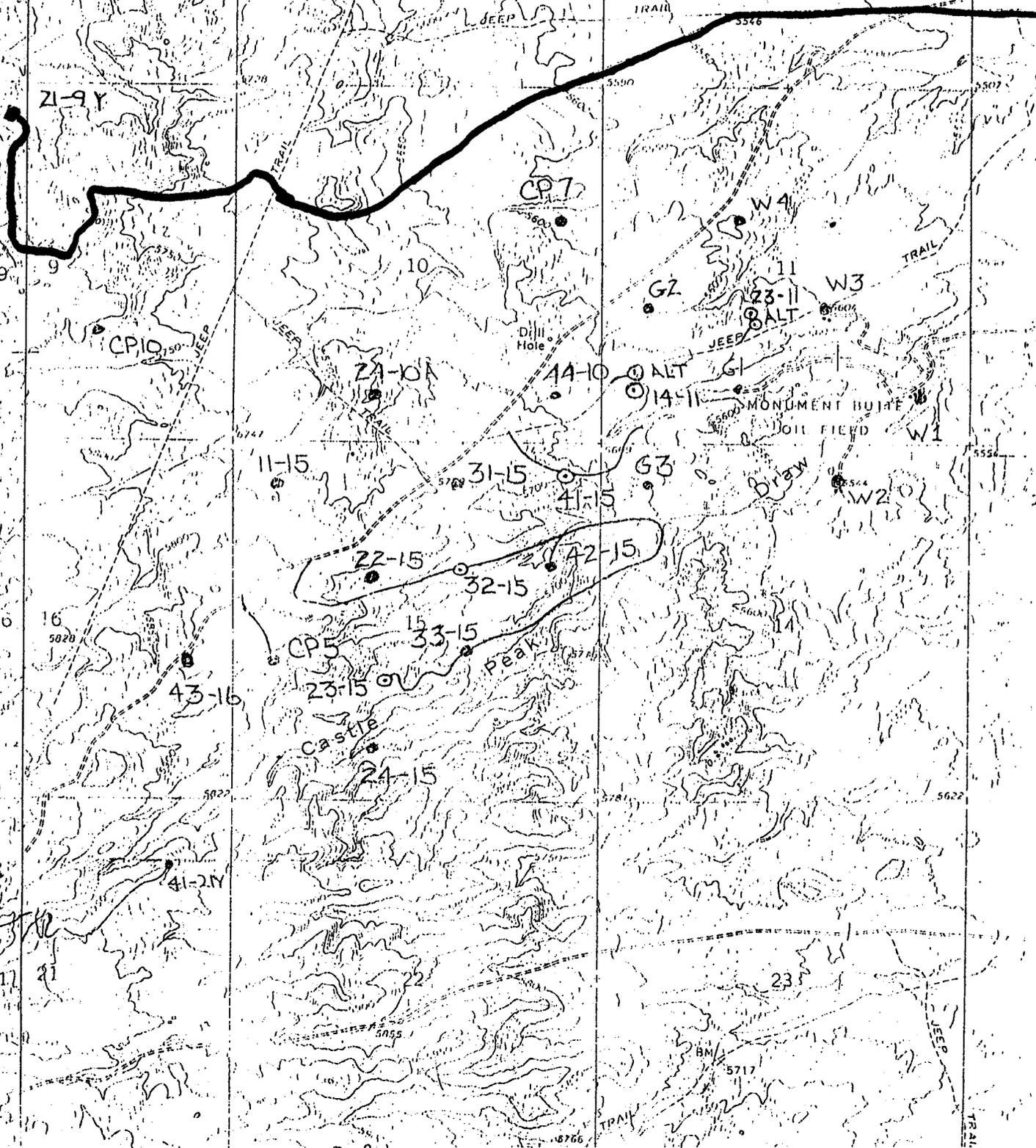


150

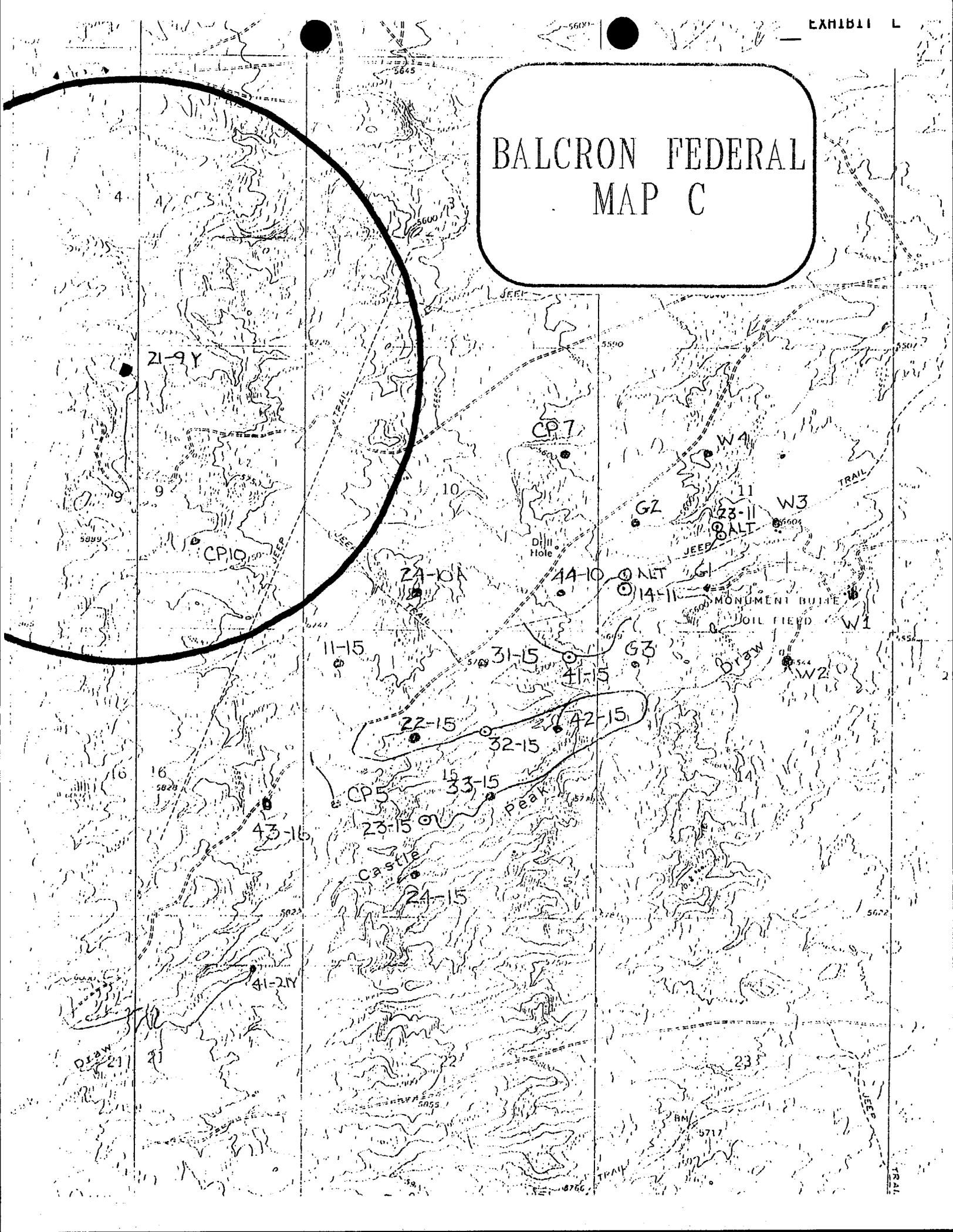
BALCRON FEDERAL MAP A



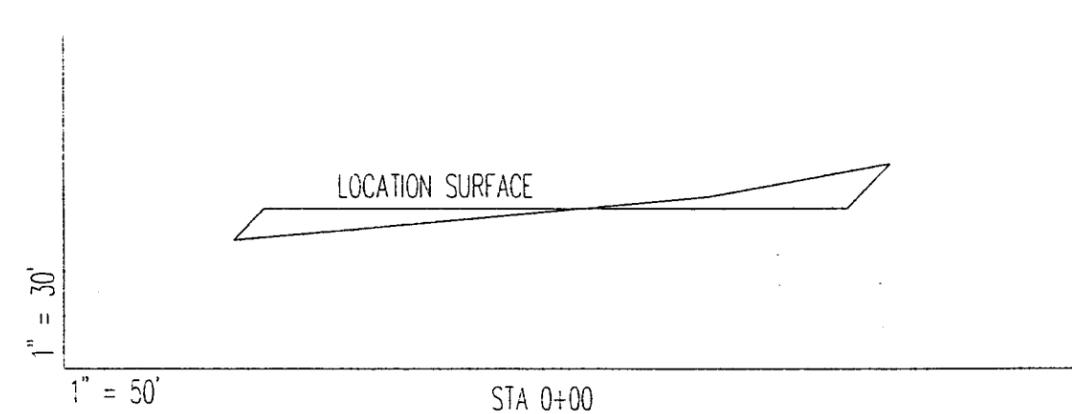
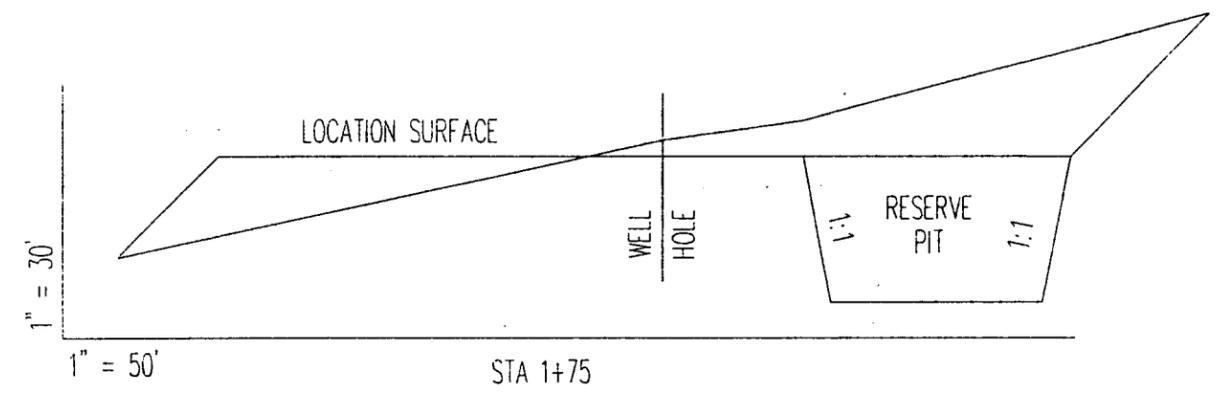
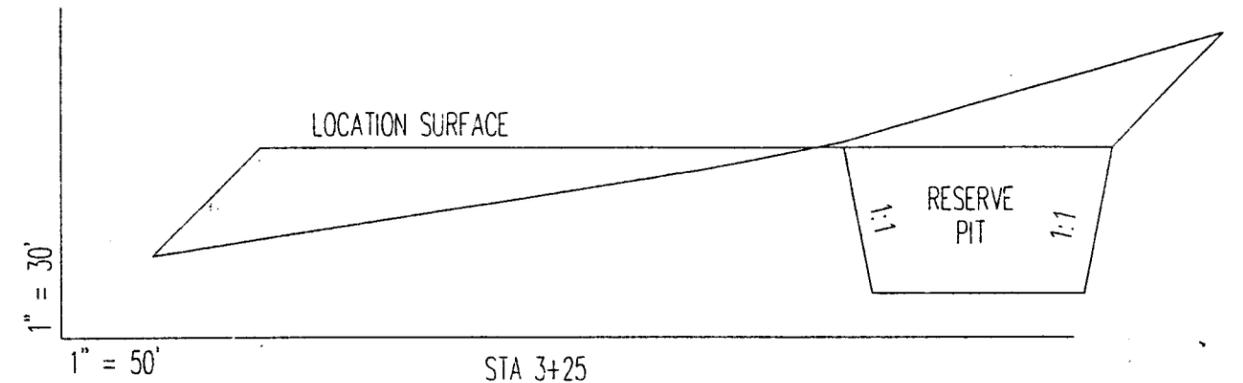
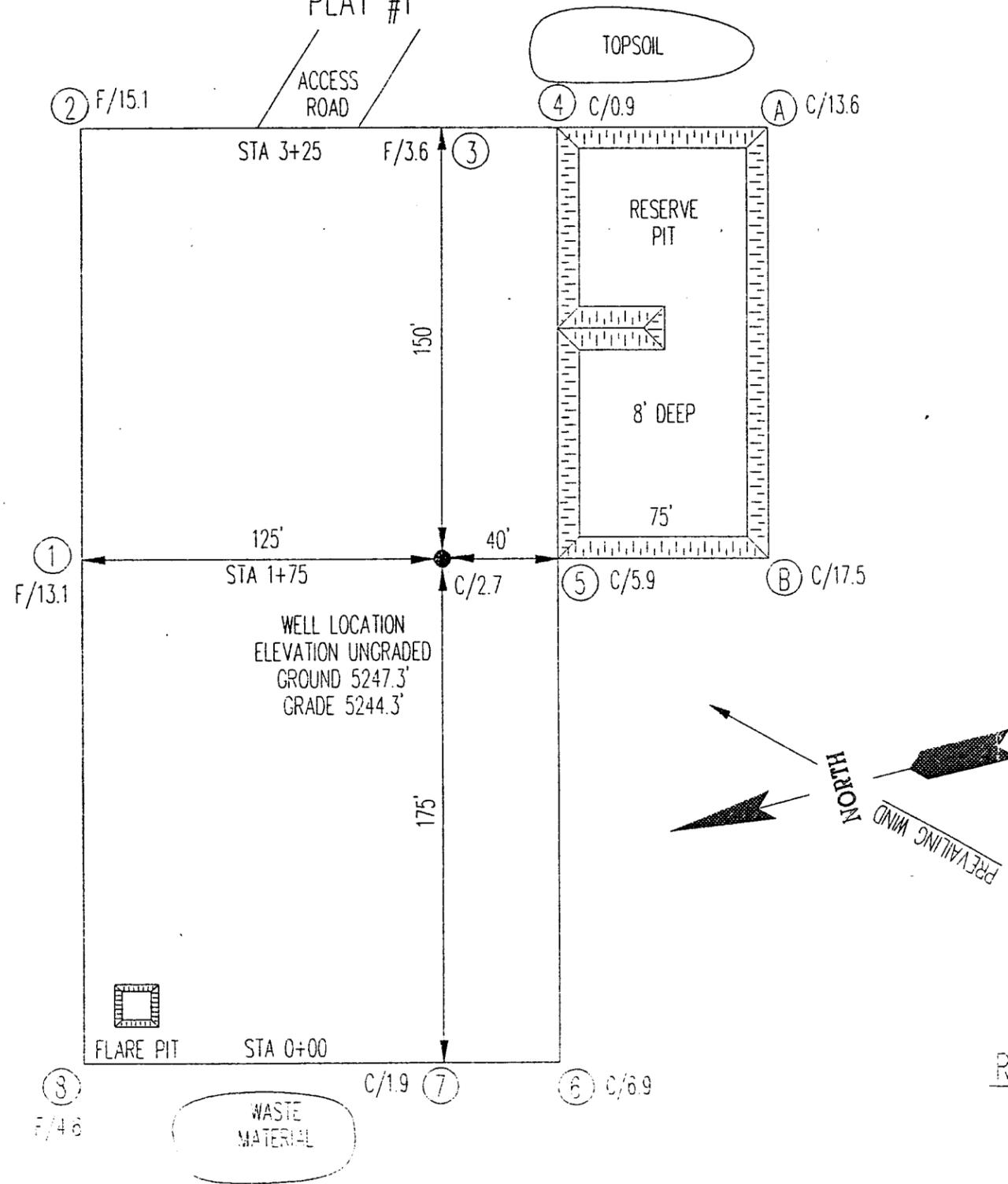
BALCRON FEDERAL MAP B



BALCRON FEDERAL MAP C



BALCRON FEDERAL
WELL LOCATION #21-9Y
PLAT #1



REFERENCE POINTS

240° SOUTH - 5853.7
340° SOUTH - 5855.1

APPROXIMATE YARDAGE

CUT = 5,471 Cu Yds
FILL = 5,500 Cu Yds
PIT = 2,605.5 Cu Yds

TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84073
801-781-2501

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 05/20/93

OPERATOR: EQUITABLE RESOURCES
WELL NAME: BALCRON FEDERAL 21-9Y

OPERATOR ACCT NO: N- 9890

API NO. ASSIGNED: 43-013-31390

LEASE TYPE: FED LEASE NO: U-65907
LOCATION: NENW 09 - T09S - R16E DUCHESNE COUNTY
FIELD: CASTLE PEAK (075) FIELD CODE: 075

<p>RECEIVED AND/OR REVIEWED:</p> <p><input checked="" type="checkbox"/> Plat <input checked="" type="checkbox"/> Bond (Number <u>federal</u>) <input checked="" type="checkbox"/> Potash (Y/N) <input checked="" type="checkbox"/> Oil shale (Y/N) <input checked="" type="checkbox"/> Water permit (Number <u>43-9974-0-14089</u>) <input checked="" type="checkbox"/> RDCC Review (Y/N) (Date: _____)</p>	<p>LOCATION AND SITING:</p> <p>____ R649-2-3. Unit: _____ <input checked="" type="checkbox"/> R649-3-2. General. ____ R649-3-3. Exception. ____ Drilling Unit. ____ Board Cause no: _____ ____ Date: _____</p>
---	--

COMMENTS: No addl producing wells within Sec 9
Corrected plat maps will be mailed per Boddie Schuman

STIPULATIONS: _____

CONFIDENTIAL
PERIOD
EXPIRED
ON 10-30-94



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

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

Office: (406) 259-7860

FAX: (406) 245-1365

FAX: (406) 245-1361

RECEIVED

JUN 04 1993

DIVISION OF
OIL GAS & MINING

June 2, 1993

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

As requested, enclosed is a copy of the State Water Use Authorization (Water User Claim No. 43-9974) which is the water source we propose to use for drilling the wells on the enclosed list. Also enclosed as requested is an explanation of the composition of the thrifty lite cement including water, all additives, and stating its yield.

Am I correct in assuming that the 30-day posting period began as of the date the Notice of Staking was received by your office (May 3 according to the date agreed upon at the onsite inspections held May 5-6) as required and stated by 43 CFR 3162.3-1(g) rather than the May 20 date the APD was received by your office? If my interpretation of 43 CFR 3162.3-1(g) is incorrect, I would appreciate a call to discuss this.

If you need further information or have any questions, please call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

MONUMENT BUTTE DRILLING PROGRAM

Balcron Federal #21-25Y

NE NW Section 25, T9S, R16E
Duchesne County, Utah
198.4' FNL, 2302.2' FWL
FLS #U-64380
PTD 5,650'
GL 5684.9'

Balcron Federal #41-21Y

NE NE Section 21, T9S, R16E
Duchesne County, Utah
970.2' FNL, 893.8' FEL
FLS #U-64379
PTD 6,000'
GL 5953.5'

Balcron Federal #24-3Y

SE SW Section 3, T9S, R17E
Duchesne County, Utah
561.8' FSL, 1887.2' FWL
FLS #U-64381
PTD 5,950'
GL 5099.1'

Balcron Federal #21-9Y

NE NW Section 9, T9S, R16E
Duchesne County, Utah
476.2' FNL, 2051' FWL
FLS #U-65207
PTD 6,190'
GL 5747.3'

Balcron Federal #21-13Y

NE NW Section 13, T9S, R16E
Duchesne County, Utah
702.7' FNL, 1830.5' FWL
FLS #U-64805
PTD 5,900'
GL 5535.5'

Balcron Federal #22-10Y

SE NW Section 10, T9S, R17E
Duschene County, Utah
1980' FNL, 1980' FWL
FLS #U-65210
PTD 5,850'
GL 5121.9'

MONUMENT BUTTE DRILLING PROGRAM

Balcron Federal #44-14Y
SE SE Section 14, T9S, R17E
Duchesne County, Utah
1008.2' FSL, 832.3' FEL
FLS #U-64806
PTD 5,700'
GL 5164.3'

Balcron Monument Federal #14-8
SW SW Section 8, T9S, R17E
Duchesne County, Utah
660' FSL, 660' FWL
FLS #U-007978
PTD 5,950'
GL 5370.6'

Balcron Monument Federal #41-18
NE NE Section 18, T9S, R17E
Uintah County, Utah
660' FNL, 660' FEL
FLS #U-3563-A
PTD 5,900'
GL 5406.3'

6/2/93
/rs

APPLICATION FOR PERMANENT CHANGE OF WATER

STATE OF UTAH

RECEIVED

APR 17 1987

Rec. by DL

Fee Paid \$ 15.00

Receipt # 22150

Roll # _____

For the purpose of obtaining permission to make a permanent change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

*WATER USER CLAIM NO. 43-9974 *APPLICATION NO. 8-14289

Changes are proposed in (check those applicable)

point of diversion.

point of return.

place of use.

nature of use.

1. OWNER INFORMATION

Name: Owen Dale Anderson *Interest: _____ %
Address: Po Box 1162 Vernal UT 84078

2. *PRIORITY OF CHANGE: _____ *FILING DATE: _____

*Is this change amendatory? (Yes/No): _____

3. RIGHT EVIDENCED BY: 43-3525

Prior Approved Change Applications for this right: 83-43-21 84-43-73 6 14099

***** HERETOFORE *****

4. QUANTITY OF WATER: 0.5 cfs and/or _____ ac-ft.

5. SOURCE: U.G.W. (well)

6. COUNTY: Duchesne

7. POINT(S) OF DIVERSION: South 1167 ft East 340 ft from N 1/4 Corner Section 27 T1S, R2W, USB+M

Description of Diverting Works: _____

8. POINT(S) OF REDIVERSION

The water will be rediverted from _____ at a point: _____

Description of Diverting Works: _____

9. POINT(S) OF RETURN

The amount of water consumed is _____ cfs or _____ ac-ft.

The amount of water returned is _____ cfs or _____ ac-ft.

The water will be returned to the natural stream/source at a point(s): _____

10. NATURE AND PERIOD OF USE

Stockwatering: From Jan 1 to Dec 31
 Domestic: From _____ to _____
 Municipal: From _____ to _____
 Mining: From _____ to _____
 Power: From _____ to _____
 Other: From Jan 1 to Dec 31
 Irrigation: From April 1 to Oct 31

11. PURPOSE AND EXTENT OF USE

Stockwatering (number and kind): 250 Livestock Units
 Domestic: _____ Families and/or _____ Persons.
 Municipal (name): _____
 Mining: _____ Mining District in the _____ Mine.
 Ores mined: _____
 Power: Plant name: _____ Type: _____ Capacity: _____
 Other (describe): drilling & completion of oil field locations fish culture
 Irrigation: 55.7 acres. Sole supply of _____ acres

12. PLACE OF USE

Legal description of areas of use other than irrigation by 40 acre tract: n/a

13. STORAGE

Reservoir Name: unnamed Storage Period: from 11-1 to 3-31
 Capacity: 4.0 ac-ft. Inundated Area: _____ acres
 Height of dam: _____ feet
 Legal description of inundated area by 40 tract: NW NE Sec 27, T15 R2W 25B+M

***** THE FOLLOWING CHANGES ARE PROPOSED *****

14. QUANTITY OF WATER: _____ cfs and/or 20.0 ac-ft
 15. SOURCE: UGW Remaining Water: same
 16. COUNTY: Duchesne
 17. POINT(S) OF DIVERSION: same

Description of Diverting Works: _____

18. POINT(S) OF REDIVERSION

The water will be rediverted from _____ at a point: _____

Description of Diverting Works: _____

19. POINT(S) OF RETURN

The amount of water consumed is _____ cfs or _____ ac-ft

The amount of water returned is _____ cfs or _____ ac-ft

The water will be returned to the natural stream/source at a point(s): _____

20. NATURE AND PERIOD OF USE

Stockwatering: From _____ to _____

Domestic: From _____ to _____

Municipal: From _____ to _____

Mining: From _____ to _____

Power: From _____ to _____

Other: From Jan 1 to Dec 31

Irrigation: From _____ to _____

21. PURPOSE AND EXTENT OF USE

Stockwatering (number and kind): _____

Domestic: _____ Families and/or _____ Persons

Municipal (name): _____

Mining: _____ Mining District in the _____ Mine

Ores mined: _____ Type: _____ Capacity: _____

Power: Plant name: _____

Other (describe): drilling and completion of oil wells

Irrigation: _____ acres. Sole supply of _____

22. PLACE OF USE

Legal description of areas of use by 40 acre tract: _____

Other: hauled to locations by water trucks as needed

23. STORAGE

Reservoir Name: _____ Storage Period: from _____ to _____

Capacity: _____ ac-ft. Inundated Area: _____ acres

Height of dam: _____ feet

Legal description of inundated area by 40 tract: _____

24. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. Include any supplemental water rights used for the same purpose. (Use additional pages of same size if necessary): _____

Change is for oilfield drilling and exploration.

Approximately 4 acre ft/cent will be taken from

irrigation purposes and used for oilfield purposes
Acres to be irrigated will change from ~~55.7~~ to 50 acres

The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

Queen Dale Anderson
Signature of Applicant(s)

6-2-93

TO: Bobbie
FROM: Dave Mc
RE: Cement Information

Thrifty Lite Cement Composition:

Class "G" cement with;

4.0% Thrifty Lite *
3.0 Lbs/Sk CSE *
3.0% salt
0.25 Lbs/Sk Cello Flakes
200% Water

* See Attached product Description

Thrifty Lite Cement Properties:

Slurry Weight:	11.02 Lbs/Gal.
Slurry Yield:	3.58 Cu. Ft./Sk
Mix Water:	22.56 Gal/Sk
Est. Pump Time:	4.0 Hrs
Free Water:	0.0 CC



DV040145

PRODUCT DESCRIPTIONS

CELLO-SEAL

Graded (3/8 to 3/4 inch) cellophane flakes used as a lost circulation material.

CSE

Compressive Strength Enhancer - Fumed Silica. An additive which contributes to low density, high compressive strength development of cement slurries at all temperature ranges. This material also controls free water without the need for standard extenders.

CLASS G CEMENT (API) [Premium Cement]

Intended for use as a basic cement from surface to 8000 Ft. as manufactured, or can be used with accelerators and retarders to cover a wide range of well depths and temperatures.

SODIUM CHLORIDE (NaCl)

Commonly called salt, is used to reduce damage caused by cement filtrate and to promote better bonding. At low concentration, less than 10% by weight of mixing water, it acts as an accelerator, while at concentrations greater than 15-18%, it will retard thickening time and strength development.

THRIFTY LITE

Anhydrous sodium metasilicate compound used as an extender for cement slurries. Thrifty Lite yields a very economical filler slurry on a cost per cu. ft. of slurry basis and is a mild accelerator that will cause the slurry to set at low temperatures.



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)

June 21, 1993

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

Gentlemen:

Re: Balcron Federal #21-9Y Well, 476' FNL, 2051' FWL, NE NW, Sec. 9, T. 9 S,
R. 16 E, Duchesne County, Utah

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

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

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
2. Notification within 24 hours after 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 R.J. Firth, Associate Director, (Home) (801)571-6068.
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 Federal #21-9Y Well
June 21, 1993

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

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 43-013-31396.

Sincerely,



R.J. Firth

Associate Director, Oil and Gas

ldc
Enclosures
cc: Bureau of Land Management
Duchesne County Assessor
J.L. Thompson

WO11

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
U-65207

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

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Balcron Federal

9. WELL NO.
#21-9Y

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

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Sec. 9, T9S, R16E

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY

CONFIDENTIAL

3. ADDRESS OF OPERATOR
P.O. Box 21017; Billings, MT 59104 (Balcron Oil Division)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
NE NW Section 9, T9S, R16E 476.2' FNL, 2051' FWL
43-013-31396

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 13 miles SW of Myton, Utah

16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	20. ROTARY OR CABLE TOOLS
5x2000:6,150'	Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GLXXXX5247x3x 5747.3' GL	22. APPROX. DATE WORK WILL START* June 1, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

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

EXHIBITS ATTACHED

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

RECEIVED
MAY 20 1993
RECEIVED

DIVISION OF
GAS & MINING

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct the 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 May 17, 1993

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY *[Signature]* TITLE ASSISTANT DISTRICT MANAGER MINING DATE JUN 8 1993

Div 06xM
(H080-3M)-050

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

API Number: 43-013-31396

Well Name & Number: Balcron Federal 21-9Y

Lease Number: U-65207

Location: NENW Sec. 9 T. 9S R. 16E

Surface Ownership: Federal Lands administered by BLM

Date NOS Received: May 3, 1993

Date APD Received: May 20, 1993

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.

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.

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 $\pm 1,675$ 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 $\pm 1,475$ 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).

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

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

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

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 789-3634

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

If a plastic reinforced liner is used, it will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the AO.

Additional Surface Conditions of Approval

Fall seeding is preferred and will be done after September 15 and before the ground freezes. Spring seeding will be done prior to April 15.

The requested emergency pit is hereby approved under NTL-2B, Section VI, subject to the following Conditions of Approval:

1. If emergency use occurs, the emergency pit shall be emptied and the liquids disposed of in accordance with applicable State and/or Federal regulations within 48 hours following its use, unless such time is extended by the authorized officer.
2. As much as practicable, the emergency pit shall be located on level ground, and away from drainage patterns and unstable ground.
3. The emergency pit shall be fenced and the fence maintained for safety, and to prevent livestock and wildlife entry. The pit shall be fenced according to the same minimum standards listed for drilling the reserve pit under Point 9E of the Multi-point Surface Use and Operation Plan. The fence shall be maintained in a taut condition. Fences shall not be built on berms.
4. Produced water drain lines shall not go to the emergency pit.
5. The pit shall be bermed or otherwise constructed and maintained to prevent entrance of surface water.
6. Turn downs shall be put on the ends of pipes to direct fluids downward instead of against the wall of the pit.
7. The pit shall be kept free of trash.

Balcron shall contact a Utah BLM certified Paleontologist to survey the location and access road prior to surface disturbance to determine the presence of paleontologist resources.

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

For the protection of Mountain Plover nesting and the rearing of their young, drilling activities will not be allowed between March 15 and July 15.

BALCRON OIL

Balcron Monument Federal #21-9Y

NE NW Section 9, T9S, R16E, SLB&M

Duchesne County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

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

JULY 13, 1993

RECEIVED

JUL 20 1993

DIVISION OF
OIL, GAS & MINING

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT BUTTE FEDERAL #21-9Y

Description of Geology and Topography-

This location is 10 miles south and 3 miles west of Myton, Utah. Drainage is to the north and northeast from the location. The Proposed access road leaves and existing road and runs about 2000 feet down a small ridge north and east around a knoll and down to the location.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains. Plants from the Uinta Formation are not well represented in either the fossil record or the literature.

Rocks on the small ridge that the proposed access road follows is covered by eroding platy sandstone, tan to rusty in color. Much of the wellpad area is covered by slope wash off the knoll to the south. Rock in the area is interbedded layers of sandstone and mudstone. Wellpad construction will cut into this material. These rocks possibly represent fluvial (stream) deposits.

Paleontological material found -

The sandstone layer on which the road is to be constructed shows some evidence of plant impressions. Three plant sites were identified, but other material may be present through out this layer in the area. Fossil plant stems were seen in the sandstone in a cut just south of the junction of the existing road and proposed access road. Plants stems were found on the southeast side of the small know where the access road rounds the this hill to the location. And more plant stems were found on the ridge about half way between the two above locations. None of the material found was identifiable, but identifiable material may be present in the form of leaves.

A rock with two partial leaves from a similar sandstone layer was found 2 miles east of this location where a pipeline had been laid under the road. These leaves are tentitively identified as *Rhus?* (Sumac) and *Populus?* (Cottonwood). (This location was found during a stop to check the map for #21-9Y, so I have included a Paleontology Date sheet in this report to record this site.)

Recommendations-

I am recommending that construction of the proposed access road and wellpad proceed as planned. This work is to be monitored by a paleontologist who will watch for and collect representative samples of any identifiable plant

material found during construction.

Whereas vertebrate fossils are easily destroyed by such construction, identifiable plant material may be exposed during construction. The plant material seen during the survey has been weathering on the surface for many years. Exposure of fresh, unweathered material may provide some very significant specimens for study.

Plants are not well known from the Uinta Formation, although they are presumed to be similar to those known from the underlying Green River Formation (Hamblin, 1987). Several other plant sites have been recorded in the Uinta Formation from this general area of the Uinta Basin (Hamblin, 1992a and 1992b), but no well preserved, identifiable material has yet been studied.

Collection of identifiable plant material in this area would provide valuable information on the flora of the Uinta Formation.

References cited-

Hamblin, A. H., 1987, Paleogeography and paleoecology of the Myton Pocket, Uinta Basin, Utah (Uinta Formation - Upper Eocene): BYU Geology Studies vol. 34, no. 1, p. 33-60.

Hamblin, A. H., 1992a, Desert Spring Natural Gas Environmental Assessment: Uintah and Duchesne Counties, Utah, Supplementary Report to Technical Report No. 2: Paleontological Resources. Mariah Associates, Inc., Laramie, Wyoming, MAI project 702.

Hamblin, A. H., 1992b, Paleontology of the Monument Butte Environment Assessment Study Area, For Mariah Associates, Inc., Laramie, Wyoming.

Allen A. Hamblin
Paleontologist

Date *July 15, 1993*

PALEONTOLOGY LOCALITY Data Sheet					Page 1 of 2 plus map												
					State Local. No. 42 DC 113 ^P												
					Agency No.												
					Temp. No BALCRON MONUMENT BUTTE FEDERAL #21-9Y												
1. Type of locality		Plant		X		Vertebrate		Trace		Other _____							
2. Formation: UINTA		Horizon: "B"				Geologic Age: Late Eocene											
3. Description of Geology and Topography: Drainage is to the north and northeast from the location. The Proposed access road leaves and existing road and runs about 2000 feet down a small ridge north and east around a knoll and down to the location. All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains. Plants from the Uinta Formation are not well represented in either the fossil record or the literature. Rocks on the small ridge that the proposed access road follows is covered by eroding platy sandstone, tan to rusty in color. Much of the wellpad area is covered by slope wash off the knoll to the south. Rock in the area is interbedded layers of sandstone and mudstone. Wellpad construction will cut into this material. These rocks possibly represent fluvial (stream) deposits.																	
4. Location of Outcrop: This location is 10 miles south and 3 mile west of Myton, Utah.																	
5. Map Ref.		USGS Quad		Myton SW, Utah			Scale		7.5 Min		Edition 1964						
		of E1/2		of NW1/4		of Sectn		9 T 9 S R		16E Meridn SLB							
6. State: UTAH			County: DUCHESNE COUNTY			BLM/FS District: VERNAL- DINAMOND MT.											
7. Specimens Collected and Field Accession No. Several small hand specimens with plant stem impressions.																	
8. Repository: Utah Field House of Natural History State Park																	
9. Specimens Observed and Disposition: The sandstone layer on which the road is to be constructed shows some evidence of plant impressions. Three plant sites were identified, but other material may be present through out this layer in the area. Fossil plant stems were seen in the sandstone in a cut just south of the junction of the existing road and proposed access road. Plants stems were found on the southeast side of the small know where the access road rounds the this hill to the location. And more plant stems were found on the ridge about half way between the two above locations. None of the material found was identifiable, but identifiable material may be present in the form of leaves.																	
10.Owner:		State		BLM		X		US FS		NPS		IND		MIL		OTHR	
11.Recommendations for Further Work or Mitigation: I am recommending that construction of the proposed access road and wellpad proceed as planned. This work is to be monitored by a paleontologist who will watch for and collect representative samples of any identifiable plant material found during construction. Whereas vertebrate fossils are easily destroyed by such construction, identifiable plant material may be exposed during construction. The plant material seen during the survey has been weathering on the surface for many years. Exposure of fresh, unweathered material may provide some very significant specimens for study. Plants are not well known from the Uinta Formation, although they are presumed to be similar to those known from the underlying Green River Formation (Hamblin, 1987). Several other plant sites have been recorded in the Uinta Formation from this general area of the Uinta Basin (Hamblin, 1992a and 1992b), but no well preserved, identifiable material has yet been studied. Collection of identifiable plant material in this area would provide valuable information on the flora of the Uinta Formation.																	
12.Type of Map Made by Recorder:																	
13.Disposition of Photo Negatives:																	

14. Published References:

Hamblin, A. H., 1987, Paleogeography and paleoecology of the Myton Pocket, Uinta Basin, Utah (Uinta Formation - Upper Eocene): BYU Geology Studies vol. 34, no. 1, p. 33-60.

Hamblin, A. H., 1992a, Desert Spring Natural Gas Environmental Assessment: Uintah and Duchesne Counties, Utah, Supplementary Report to Technical Report No. 2: Paleontological Resources. Mariah Associates, Inc., Laramie, Wyoming, MAI project 702.

Hamblin, A. H., 1992b, Paleontology of the Monument Butte Environment Assessment Study Area, For Mariah Associates, Inc., Laramie, Wyoming.

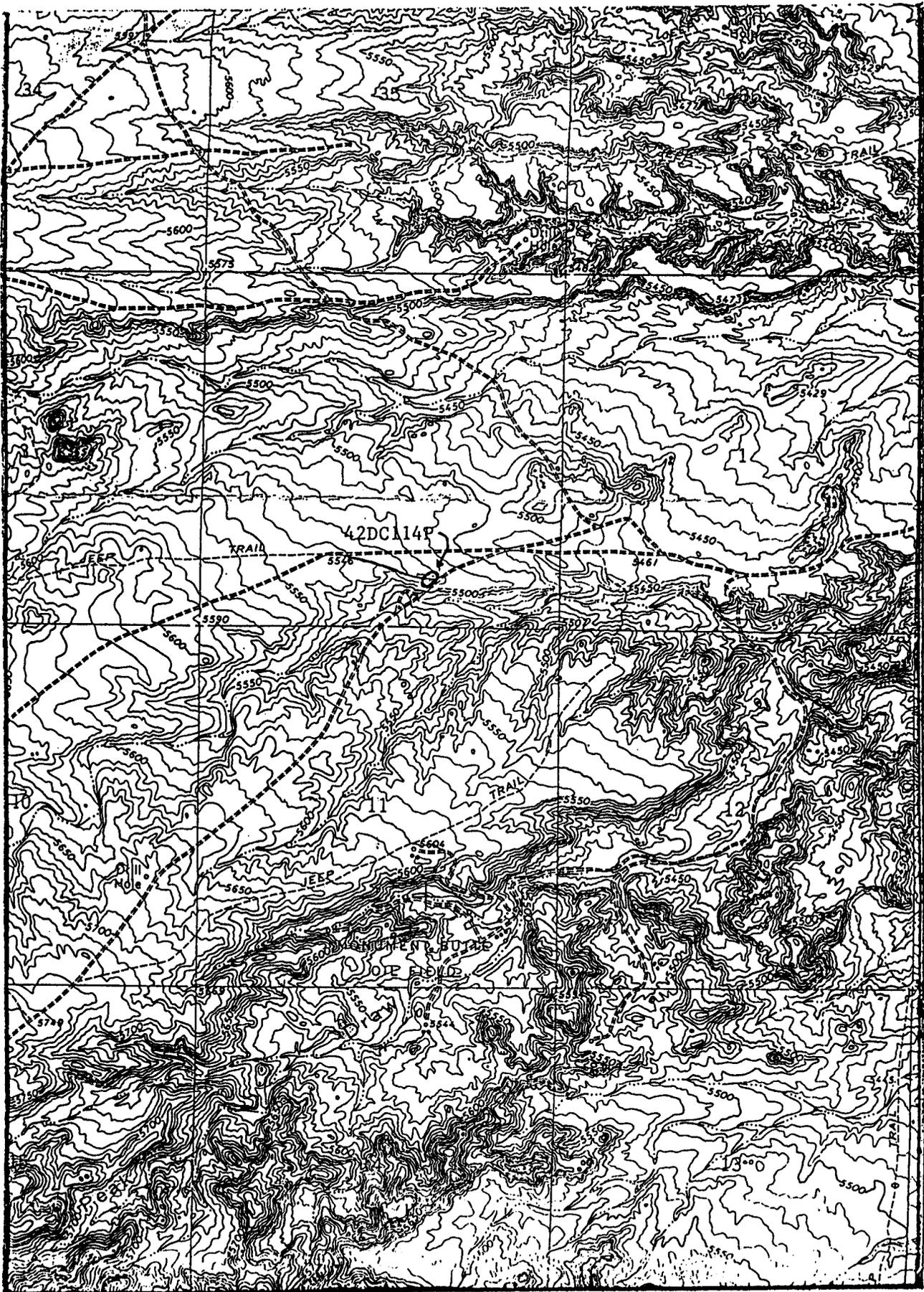
15. Remarks:

16. Sensitivity:	Critical	?	Significant	X	Important	Insignificant
-------------------------	----------	---	-------------	---	-----------	---------------

17. Recorded by: Alden Hamblin,
Paleontologist

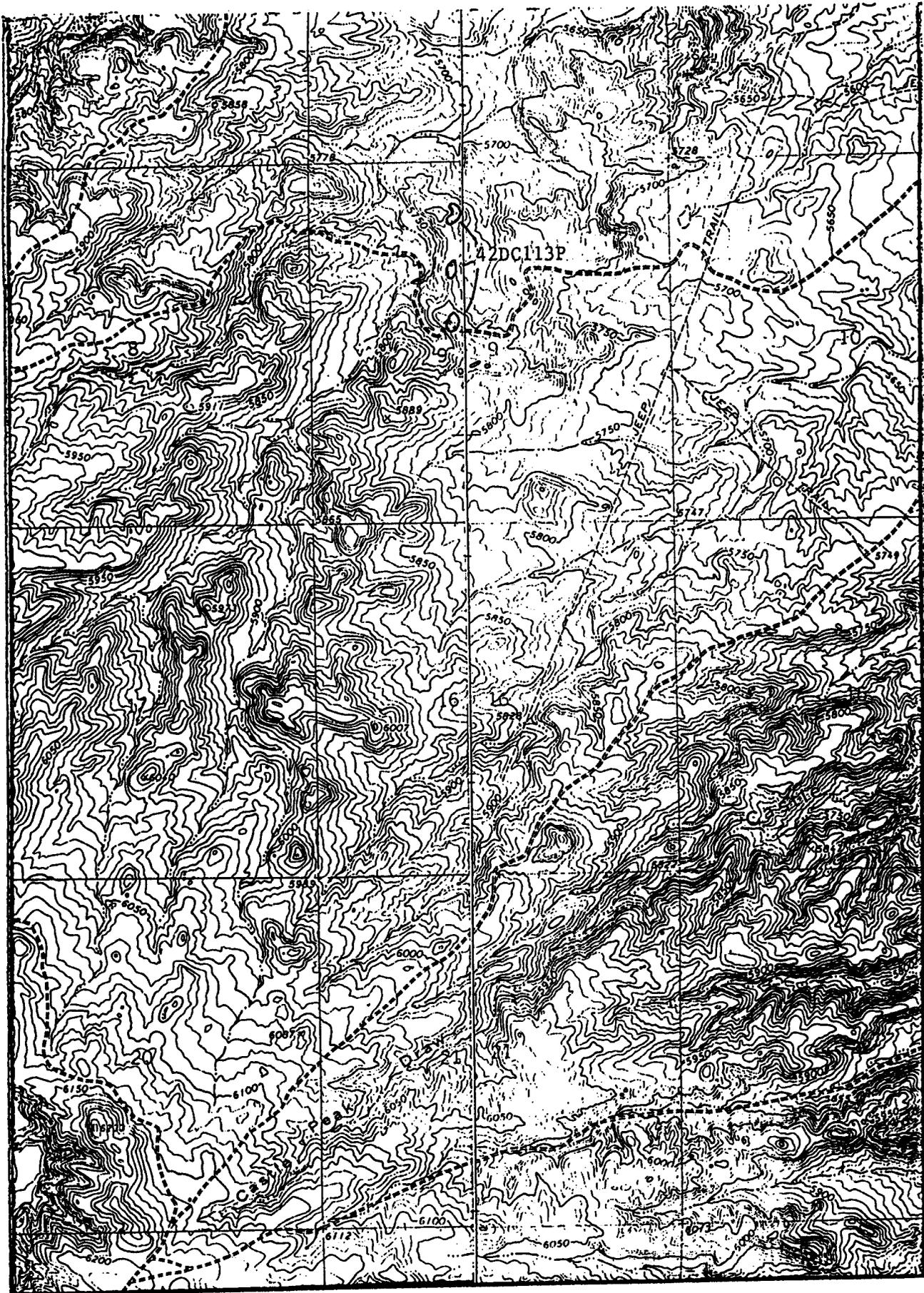
Date: July 10, 1993

PALEONTOLOGY LOCALITY Data Sheet										Page 1 of 1 plus map							
										State Local. No. 42 DC 114 ^P							
										Agency No.							
										Temp. No MONUMENT BUTTE OIL FIELD							
1. Type of locality Invertebrate		Plant		X		Vertebrate		Trace		Other _____							
2. Formation: UINTA				Horizon: "B"				Geologic Age: Late Eocene									
3. Description of Geology and Topography: On the south side of a bench, north edge of a side canyon drainage of Castle Peak Draw. Bench covered with ridual eroded rock fragments of sandy limestone and limy sandstone of the Uinta Formation. The Drainage has exposures of interbedded limestone, sandstone and mudstone. Site is at a junction of two roads and where a pipeline was layed under the road heading west. A tan to rusty sandstone layer was exposed containing plant impressions.																	
4. Location of Outcrop: This location is 10 miles south and 1 mile west of Myton, Utah.																	
5. Map Ref.		USGS Quad			Myton SE, Utah			Scale		7.5 Min		Edition		1964			
center	of	SW1/4	of	SE1/4	of	Sectn	2	T	9 S	R	16E	Meridn	SLB				
6. State: UTAH			County: DUCHESNE COUNTY				BLM/FS District: VERNAL- DINAMOND MT.										
7. Specimens Collected and Field Accession No. One specimen with two partial leaf impressions tentitively identified as <i>Rhus?</i> (Sumac) and <i>Populus?</i> (Cottonwood).																	
8. Repository: Utah Field House of Natural History State Park																	
9. Specimens Observed and Disposition: The sandstone layer excavated during pipeline placement under the road show some evidence of plant impressions.																	
10.Owner: Private		State		BLM		X		US FS		NPS		IND		MIL		OTHR	
11.Recommendations for Further Work or Mitigation: Plants are not well known from the Uinta Formation, although they are presumed to be similar to those known from the underlying Green River Formation (Hamblin, 1987). Several other plant sites have been recorded in the Uinta Formation from this general area of the Uinta Basin (Hamblin, 1992a and 1992b), but no well preserved, identifiabile material has yet been studied. Collection of identifiable plant material in this area would provide valuable information on the flora of the Uinta Formation.																	
12.Type of Map Made by Recorder:																	
13.Disposition of Photo Negatives:																	
14.Published References: Hamblin, A. H., 1987, Paleogeograhpy and paleoecology of the Myton Pocket, Uinta Basin, Utah (Uinta Formation - Upper Eocene): BYU Geology Studies vol. 34, no. 1, p. 33-60. Hamblin, A. H., 1992a, Desert Spring Natural Gas Environmental Assessment: Uintah and Duchesne Counties, Utah, Supplementary Report to Technical Report No. 2: Paleontological Resources. Mariah Associates, Inc., Laramie, Wyoming, MAI project 702. Hamblin, A. H., 1992b, Paleontology of the Monument Butte Environment Assessment Study Area, For Mariah Associates, Inc., Laramie, Wyoming.																	
15.Remarks:																	
16.Sensitivity:		Critical		?		Significant		X		Important		Insignificant					
17.Recorded by: Alden Hamblin, Paleontologist								Date: July 10, 1993									



42DC114P

Section 2, T9S, R16E SLB&M Myton SE, Utah Quad.



42DC113P Balcon Oil Monument Butte Federal #21-9Y Myton SW, Utah Quad.
Section 9, T9S, R16E

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

CONFIDENTIAL

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

NE NW Section 9, T9S, R16E
476.2' FNL, 2051' FWL.

5. Lease Designation and Serial No.

U-65207

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Federal #21-9Y

9. API Well No.

43-013-31396

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Duchesne County, UTAH

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

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

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

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

Operator has changed the source of water for drilling purposes from Owen Dale Anderson's well and Dalbo Trucking as shown in the APD. The source will be from an approved source in Section 15, T4S, R2W from a well permitted by Joe Shields under Permit #57708. A copy of that permit is attached to this sundry. The water will be trucked by Jim Nebeker Trucking out of Roosevelt, Utah.

RECEIVED

AUG 01 1993

DIVISION OF
OIL GAS & MINING

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

Signed Bobbie Schuman

Title Coordinator of Environmental and Regulatory Affairs

Date August 3, 1993

(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

APPLICATION TO APPROPRIATE WATER
STATE OF UTAH

47-1674

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation Domestic Stockwatering Municipal Power Mining Other Uses

2. The name of the applicant is Joe Shields

3. The Post Office address of the applicant is Myton, Utah 84052

4. The quantity of water to be appropriated .015 second-feet and/or _____ acre-feet

5. The water is to be used for Stockwatering & Other from _____ to _____
(Major Purpose) (Month) (Day) (Month) (Day)

other use period Irrigation from Apr. 1 to Oct. 31
(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from _____ to _____
(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is _____
(Leave Blank)

7. The direct source of supply is* Drain
(Name of stream or other source)

which is tributary to _____, tributary to _____

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Duchesne County, situated at a point*
West 900 ft. South 1100ft. from E½ Cor. Sec. 15, T4S, R2W, USB&M
(3½ Miles SW of Myton)

Myton, Utah

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of a collection ditch to place of use

10. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____
area inundated in acres _____ legal subdivision of area inundated _____

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
NE½SE½ Sec. 15, T4S, R2W, USB&M

Total .25 Acres

12. Is the land owned by the applicant? Yes X No _____ If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes _____ No X
If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity _____

15. If application is for mining, the water will be used in _____ Mining District at
the _____ mine, where the following ores are mined _____

16. If application is for stockwatering purposes, number and kind of stock watered 320 Cattle
in NE½SE½ Sec. 15, T4S, R2W, USB&M

17. If application is for domestic purposes, number of persons _____, or families _____

18. If application is for municipal purposes, name of municipality _____

19. If application is for other uses, include general description of proposed uses Oil Field use

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Myton Oil Field in Pleasant Valley

21. The use of water as set forth in this application will consume .015 second-feet and/or acre-feet of water and None second feet and/ or acre feet will be returned to the natural stream or source at a point described as follows: _____

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Lined area for providing additional facts.

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

[Signature]
Signature of Applicant*

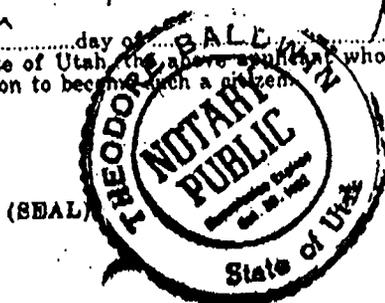
*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, Uintah }
County of

On the 10th day of May 1982, personally appeared before me, a notary public for the State of Utah, the above applicant, who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:



[Signature]
Notary Public

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES ENERGY 43-013-31396

WELL NAME: BALCRON FEDERAL 21-9Y

Section 9 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 8/23/93

Time 4:00 PM

How ROTARY

Drilling will commence _____

Reported by AL PLUNKETT

Telephone # 1-823-6759

Date 9/2/93 SIGNED JLT

RECEIVED

AUG 27 1993

OPERATOR Equitable Resources Energy Company,
Balcron Oil Division
 ADDRESS P.O. Box 21017
Billings, MT 59104

OPERATOR ACCT. NO. 119890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	DIVISION OF OIL, GAS & MINING	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
						QQ	SC	TP	RG	COUNTY		
A	99999	11513	43-013-31396		Balcron Federal #21-9Y	NE NW	9	9S	16E	Duchesne	8/23/93	8/23/93

ALL 1 COMMENTS: *Entity added 8-30-93. Jc*
 Spud of new well.

--	--	--	--	--	--	--	--	--	--	--	--	--

ALL 2 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--	--

ALL 3 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--	--

ALL 4 COMMENTS:

--	--	--	--	--	--	--	--	--	--	--	--	--

ALL 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)

Date: 8/24/93

Lobbie Schuman
 Signature
 Coordinator of Environmental
 and Regulatory Affairs
 Title _____ Date _____

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

Phone No. (406) 259-7860

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-65207

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

NE NW Section 9, T9S, R16E
476.2' FNL, 2051' FWL.

8. Well Name and No.

Balcron Federal #21-9Y

9. API Well No.

43-013-31396

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.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>spud of well</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 8/23/93.

RECEIVED

AUG 27 1993

DIVISION OF
OIL, GAS & MINING

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

Signed

Bobbie Schuman

Title

Coordinator of Environmental
and Regulatory Affairs

Date

August 24, 1993

(This space for Federal or State Office use)

Approved by

Title

Date

Conditions of approval, if any:

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

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-65207

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

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

8. Well Name and No.
Balcron Federal #21-9Y

9. API Well No.
43-013-31396

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

11. County or Parish, State
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well
 Oil Well Gas Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE NW Section 9, T9S, R16E
476.2' FNL, 2051' FWL.

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input 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 "replacement" rig
	<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.)*

We will complete this well with a "replacement" rig (completion rig) after the drilling rig moves off.

RECEIVED

SEP 02 1993

DIVISION OF
OIL, GAS & MINING

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

Signed Bobbie Schuman
(This space for Federal or State Office use)

Coordinator of Environmental
and Regulatory Affairs

Date August 31, 1993

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.

SEP 14 1993

BALCRON OIL COMPANY

BALCRON FEDERAL #21-9Y

NE NW SECTION 9, T9S, R16E

DUCHESNE COUNTY, UTAH

43-013-31396

CONFIDENTIAL

Prepared by:

Roy L. Clement
c/o Clement Consulting
7703 Clark Avenue
Billings, Montana 59106
(406) 656-9514

Prepared for:

Keven K. Reinschmidt &
Steve VanDelinder
c/o Balcron Oil Company
Post Office Box 21017
Billings, MT 59104
(406) 259-7860

WELL DATA SUMMARY

OPERATOR: BALCRON OIL COMPANY

ADDRESS: Post Office Box 21017
Billings, Montana 59104

WELL NAME: Balcron Federal #21-9Y

FIELD: Monument Butte

LOCATION: 476' FNL & 2051' FWL
NE NW SECTION 9, T9S, R16E

API#: 43-013-31396

COUNTY: Duchesne

STATE: Utah

BASIN: Uinta

WELL TYPE: Development Well

BASIS OF PROSPECT: Oil Production @ Monument Butte Field

ELEVATION: GL: 5743' SUB: 10' KB: 5753'

SPUD DATE: August 23, 1993 @ 1630 hrs MDT

TOTAL DEPTH/DATE: 6190' on September 21, 1993

TOTAL DRILLING DAYS: 10 TOTAL ROTATING HOURS: 136.25

STATUS OF WELL: Cased for Completion on September 3, 1993

CONTRACTOR: Union Drilling Company, Rig #17

TOOLPUSHER: Dave Gray

FIELD SUPERVISOR: Al Plunkett

MUD ENGINEER: Craig Hart of Mustang Drilling Fluids

MUD TYPE: Air/Foam from surface to 3988';
KCL/Fresh Water from 3988' to TD.

WELLSITE GEOLOGIST: Roy L. Clement

PROSPECT GEOLOGISTS: Keven K. Reinschmidt and Steve W. VanDelinder
of Balcron Oil Company

MUDLOGGERS: Larry Vodall and Rod Rasmussen of Chief Well Logging

SAMPLING PROGRAM: 50' samples from 1600' to 3988'; 20' samples from

3988' to 6190' (TD). All samples lagged and caught by mud loggers. One dry set of samples sent to the state of Utah.

HOLE SIZE:

12 1/4" to 295'
7 7/8" to TD

CASING:

8 5/8" surface casing set at 275'
5 1/2" production casing to Total Depth

DRILL STEM TEST:

None

CORE PROGRAM:

None

ELECTRIC LOGGING PROGRAM:

1.) DLL/MFSL/GR/CAL from 6190' - 276'
2.) LDT/CNL/GR/CAL from 6190' - 3500'

LOG TOPS:

Green River @ 1660'; Second Garden Gulch @ 3966'; Y-2 @ 4242'; Douglas Creek @ 4754'; R-1 @ 4780'; G-1 @ 4996'; G-5 @ 5337'; Carbonate Marker @ 5640'; Uteland Butte @ 6068'; TD @ 6192'.

LOGGING COMPANY:

Schlumberger

LOGGING ENGINEER:

Jeff Gebhart

CORRELATION WELL:

1.) Diamond Shamrock
Castle Peak Federal #43-5
Ne Se Section 5, T9S, R16E

DISTRIBUTION LIST:

Balcron Oil Company
Attn: Keven K. Reinschmidt & Steve W. VanDelinder
Post Office Box 21017
Billings, MT 59104

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

Yates Petroleum Corporation
Attn: Mark Mauritsen
105 South Fourth Street
Artesia, NM 88210

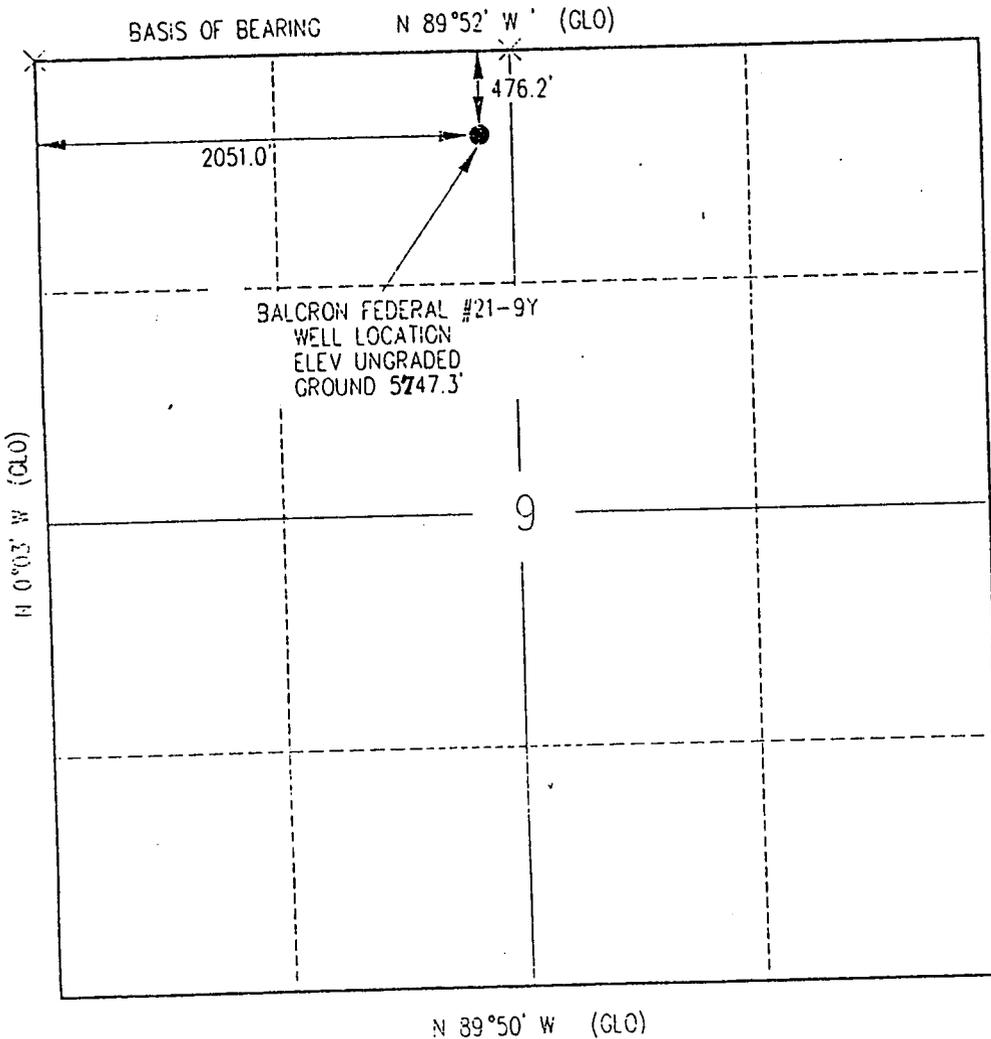
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

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

T9S, R16E, S.L.B. & M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON FEDERAL #21-9Y,
 LOCATED AS SHOWN IN THE NE 1/4 NW 1/4
 OF SECTION 9, T9S, R16E, 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 TO THE BEST OF
 MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
 REGISTRATION No. 3154
 STATE OF UTAH
 PENE STEWART

TRI STATE LAND SURVEYORS CONSULTING	
38 EAST 100 NORTH, VERNAL, UTAH 84073 (801) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: SS JC
DATE: 4/29/93	WEATHER: CLEAR & WARM
NOTES:	FILE # #21-9Y

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

EXHIBIT "G"

GEOLOGIC EVALUATION

The Balcron Federal #21-9Y was drilled as part of Balcron Oil Company's extensive development program at Monument Butte Field in the Uinta Basin of Utah. The #21-9Y location was situated in the north central part of the field. Oil and gas production occurs at Monument Butte Field from Tertiary aged Sandstones in the Green River Formation.

Balcron selected a drill site in the NE NW of Section 9, T9S, R16E in Duchesne County, Utah for the Balcron Federal #21-9Y. The well was spudded on August 23, 1993 and reached a total of 6190' ten days later. An air/foam drilling system was utilized from surface to 3988' and was then switched to fresh water with KCL for the remainder of the hole. Drill cuttings and formation gases were evaluated by a well site geologist and two man mud logging team from 1600' to Total Depth. Additional evaluation of the well bore included a full suite of E-Logs. On the basis of sample and gas shows along with log calculations, Balcron Oil Company opted to case the #21-9Y for a completion.

Zones of Interest:

The Y-2 Sandstone section was present from 4315' to 4323' with 16 to 18% cross plotted porosity. This interval was penetrated with a 174 net total gas increase comprised of the full range of gases. Samples indicated a silty to very fine grained consolidated Sandstone with a trace of brown oil staining and dark brown asphaltic residue. Gamma Ray readings prove this zone to be dirty to silty which may indicated poor permeability.

The R-1 Sandstone occurred from 4880' to 4896'. Logs indicate a relatively clean 12' section with 18 to 19% cross plotted porosity. The R-1 was penetrated with a strong net gas increase of 912 total units along with the complete range of chromatograph readings. Good sample shows and oil on the pits were also noted.

The G-1 was topped at 4996'. Although numerous gas increases were recorded from the G-1, samples and E-logs proved this interval to be tight with poorly developed, thin Sandstone stringers which grade to Siltstones.

The G-5 was encountered at 5337'. A total gas increase of 730 units was recorded from a poor to fairly consolidated Sandstone with dark brown oil staining. Logs indicate a 10' thick interval with porosity ranging from 15 to 18%.

Conclusions:

1.) The R-1 Sandstone has the best potential for oil production at the #21-9Y location. Additional pay may be

indicated from the Y-2 and G-5 sands.

2.) The "Blue" zone was penetrated and evaluated with no significant sand sections encountered at the #21-9Y well bore. Logs confirm the absence of any porous sands below the Carbonate Marker at 5640'.

Respectfully submitted,

A handwritten signature in cursive script, reading "Roy L. Clement", with a long horizontal flourish extending to the right.

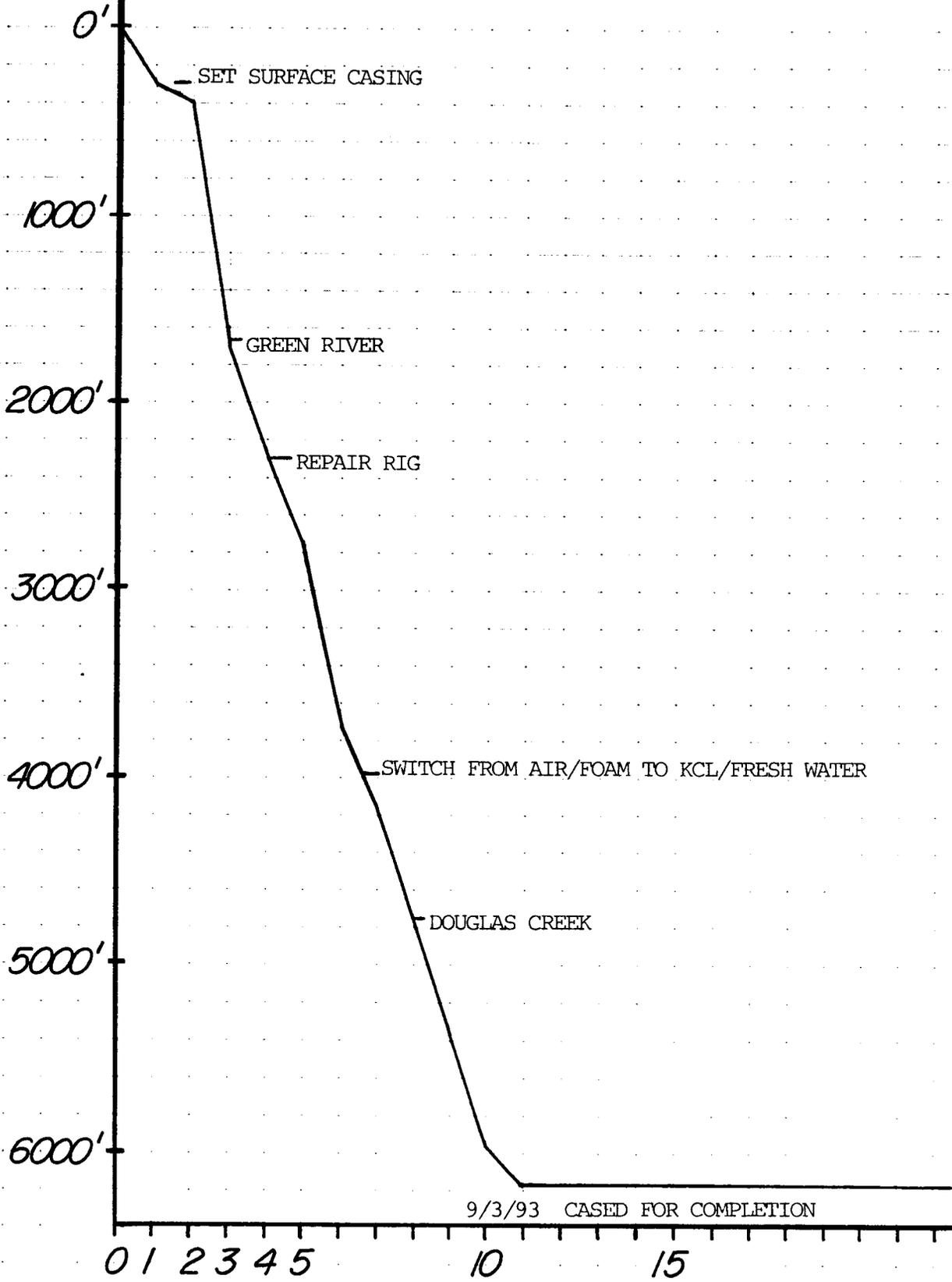
Roy L. Clement
Wellsite Geologist

DAILY ACTIVITY

<u>DAY</u>	<u>DATE</u>	<u>DEPTH</u>	<u>PROG</u>	<u>BIT</u>	<u>WOB</u>	<u>RPM</u>	<u>PP</u>	<u>WT*</u>	<u>VIS</u>	<u>WL</u>	<u>ACTIVITY</u>	<u>FORMATION</u>
0	8/23/93	0'	0'	1	All	35	150	Air/Mist			Spud @ 1630 hours MDT	
1	8/24	295'	295'	2	8	30	230	8.4	27	n/c	Set Surface Casing	
2	8/25	395'	100'	2	50	50	160	8.3	27	n/c	Drill ahead	Uinta
3	8/26	1679'	1284'	2	40	55	180	8.4	27	n/c	Drill ahead	Green R.
4	8/27	2281'	602'	2	38	55	250	8.3	27	n/c	Repair rig	Green R.
5	8/28	2770'	489'	2	40	55	250	8.4	27	n/c	Drill ahead	Green R.
6	8/29	3711'	941'	2	45	55	270	8.4	27	n/c	Drill ahead	Green R.
7	8/30	4155'	444'	3	50	65	800	8.4	27	n/c	Trip for bit	Green R.
8	8/31	4765'	610'	3	50	65	850	8.3	27	n/c	Drill ahead	Douglas C.
9	9/1	5355'	590'	3	48	60	850	8.4	27	n/c	Drill ahead	Douglas C.
10	9/2	5936'	581'	3	48	60	850	8.4	27	n/c	Drill to TD	Uteland B.
11	9/3	6190'	254'	3	48	60	850	Static	-----		Run E-Logs	Uteland B.

*Note: drilled with air and foam from under surface casing to 3988', switched to KCL and Fresh water from 3988' to TD.

TIME vs DEPTH



DAYS FROM SPUD

BIT RECORD

CONTRACTOR: UNION DRILLING, RIG #17

SPUD: 8/23/93 TOTAL DEPTH: 9/2/93 TOTAL ROTATING HOURS: 136.25

<u>BIT NO.</u>	<u>SIZE</u>	<u>TYPE/MAKE</u>	<u>JETS SIZE</u>	<u>SERIAL #</u>	<u>DEPTH</u>		<u>ACCUM</u>								
					<u>OUT</u>	<u>FEET</u>	<u>HOURS</u>	<u>HOURS</u>	<u>WOB</u>	<u>RPM</u>	<u>DEV</u>	<u>PP</u>	<u>T</u>	<u>B</u>	<u>G</u>
1	12 1/4	IR FB	open	31122	295'	267'	6.0	6.0	8	30	-	230	-	-	-
2	7 7/8	HTC ATJ-44	24 24 24	X55PG	3988'	3693'	50.50	56.50	45	50	-	260	8	3	1/4
3	7 7/8	STC F-4H	13 13 13	KV8866	6190'	2202'	79.25	136.25	48	60	-	850	4	2	I

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEVIATION</u>
440'	$3/4^{\circ}$
938'	$1/2^{\circ}$
1434'	$3/4^{\circ}$
1970'	$1 \ 1/4^{\circ}$
2500'	$1 \ 1/4^{\circ}$
3000'	2°
3556'	3°
4052'	$3/4^{\circ}$
4541'	2°
5009'	$2 \ 3/4^{\circ}$
5592'	$2 \ 1/2^{\circ}$
6140'	$2 \ 1/2^{\circ}$

FORMATION TOPS AND STRUCTURAL RELATIONSHIPS

SUBJECT WELL: Balcron Federal #21-9Y; NE NW Sec 9, T9S, R16E KB: 5753'
OFFSET #1: Castle Peak Federal #43-5; NE SE Sec 5, T9S, R16E KB: 5796'

<u>AGE and FORMATION</u>	<u>PROG</u>	<u>SAMPLE</u>	<u>E-LOG</u>	<u>DATUM</u>	<u>THICK</u>	<u>DIP TO OFFSET #1</u>
<u>TERTIARY</u>						
Uinta	Surface					
Green River	1666'	1680'	1660'	4093'	2306'	+ 23'
2nd Garden Gulch	3984'	3970'	3966'	1787'	276'	+ 35'
Y-2	4290	4264'	4242'	1511'	8'	+ 65'
Douglas Creek	4774'	4756'	4754'	999'	886'	+ 37'
R-1	4804'	4782'	4780'	973'	16'	+ 41'
G-1	5022'	4994'	4996'	757'	----	+ 43'
G-3	5228'	Absent	----	----	----	----
G-5	----	5344'	5337'	416'	12'	----
Carbonate Mkr.	5668'	5644'	5640'	113'	8'	+ 45'
Uteland Butte	----	6092'	6068'	-315'	----	NDE

REFERENCE WELL

DIAMOND SHAMROCK
CASTLE PEAK #43-5
 NE SE SEC 5, T9S, R16E
KB: 5796'

<u>AGE and FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>THICK</u>
<u>TERTIARY</u>			
Uinta	Surface		
Green River	1726'	4070'	2318'
2nd Garden Gulch	4044'	1752'	306'
Y-2	4350'	1446'	40'
Douglas Creek	4834'	962'	894'
R-1	4864'	932'	14'
G-1	5082'	714'	9'
G-3	5288'	508'	10
Carbonate Marker	5728'	68'	----

LITHOLOGY

Sample Program: 50' samples were caught beginning at 1600' with 20' samples taken from 3988' to total depth. All samples were lagged and caught by a two man mud logging crew. Sample quality was fair to good unless noted otherwise.

1600' - 1680' Sandstone: white to light gray, very fine grained, fair to well sorted, fair to good consolidation, micaceous, tight, no fluorescence, occasional slow yellowwhite streaming cut, grading to
Siltstone: light gray to white, firm, calcareous

Sample Top: Green River @ 1680'

1680' - 1745' Dolomite: light brown to orangebrown, crypto to microcrystalline, firm, dense to slightly chalky, argillaceous to shaly, trace Pyrite, interbeds of
Shale: light gray to graybrown, firm, platy to blocky, calcareous to dolomitic, pyritic

1745' - 1900' Shale: tan to light graybrown, soft to firm, platy to blocky, dolomitic to marly, trace Pyrite, grading to
Dolomite: light brown to orangebrown, crypto to microcrystalline, firm to slightly hard and siliceous in part, dense to chalky, argillaceous to shaly

1900' - 2100' Shale: tan, light gray to graybrown, soft to firm, platy to blocky, dolomitic to marly, Pyritic, silty in part, grading to
Dolomite: graybrown to tan, crypto to microcrystalline, firm, siliceous in part, dense, argillaceous to shaly, trace white to light orange Calcite crystals

2100' - 2300' Shale: light graybrown to brown, gray, firm, blocky to sub platy, dolomitic to marly, abundant Pyrite, silty in part, interbedded

	<u>Dolomite:</u>	with light brown to orangebrown, cryptocrystalline, firm, hard and siliceous in part, dense, argillaceous to shaly, trace Calcite filled hairline fractures
2300' - 2350'	<u>Sandstone:</u>	white, orangebrown in part, very fine grained, sub angular, unconsolidated to poorly consolidated, calcareous cement in part, <u>dull yellow fluorescence,</u> <u>slow yellowwhite streaming cut</u>
2350' - 2450'	<u>Shale:</u>	light brown to graybrown, orangebrown, firm, blocky to platy, dolomitic to marly, trace white calcite crystals
2450' - 2600'	<u>Shale:</u>	brown to graybrown, firm, blocky to sub platy, dolomitic to marly, grading to
	<u>Dolomite:</u>	light brown to graybrown, microcrystalline, firm, dense to earthy, argillaceous to shaly, calcareous
2600' - 2785'	<u>Shale:</u>	light to medium brown, orangebrown, firm, platy to blocky, dolomitic to marly, pyritic, grading to dolomite, trace white to cream Calcite crystals
2785' - 2860'	<u>Sandstone:</u>	white to light gray, very fine to fine grained, sub angular to sub rounded, predominantly unconsolidated, bituminous to micaceous, <u>dull scattered yellow</u> <u>fluorescence, slow to moderate</u> <u>bluewhite streaming cut,</u> silty in part
2860' - 2930'	<u>Siltstone:</u>	light gray to graybrown, firm, calcareous, grading to Shale in part
2930' - 3030'	<u>Shale:</u>	light to medium brown, graybrown, firm, platy to blocky, calcareous to marly, silty, grading to
	<u>Limestone:</u>	tan to cream, microcrystalline, firm, microcrystalline, dense to chalky, argillaceous, dolomitic
3030' - 3110'	<u>Siltstone:</u>	light gray to graywhite, firm to

slightly hard, slightly calcareous to calcareous, grading to very fine grained Sandstone

- 3110' - 3180' Shale: light brown to graybrown, firm, platy to blocky, dolomitic to calcareous, silty, grading to Dolomite in part
- 3180' - 3330' Siltstone: light to medium gray, graywhite, firm to slightly hard, calcareous, grading to
Sandstone: white, salt and peppered, very fine to fine grained, fair sorting, poor to fair consolidation, calcareous cement, micaceous to bituminous in part, dull yellowgreen fluorescence, slow yellowgreen streaming cut
- 3330' - 3430' Dolomite: tan to cream, microcrystalline, firm to slightly hard and siliceous, dense to chalky,, argillaceous to silty, interbedded with
Shale: light brown to gray, firm, platy to blocky, calcareous to dolomitic, silty to pyritic
- 3430' - 3500' Siltstone: light gray, white in part, firm to hard, calcareous, grading to very fine grained Sandstone in part, pyritic
- 3500' - 3600' Dolomite: cream to buff, tan, microcrystalline, firm to hard and siliceous, dense to micritic, argillaceous to silty, interbedded with
Shale: gray to graybrown, firm, blocky to platy, calcareous to dolomitic, pyritic to silty
- 3600' - 3650' Sandstone: white, salt and peppered, very fine to fine grained, sub angular to angular, predominantly unconsolidated, occasional calcareous cement, fair sorting, micaceous to bituminous, grading to Siltstone, no fluorescence, occasional slow yellow diffuse to streaming cut
- 3650' - 3700' Shale: graygreen to light green, light

graybrown, firm, platy, calcareous to silty

3700' - 3760' Siltstone: light gray, graybrown, firm, slightly calcareous to calcareous, grading to Shale: as above

3760' - 3850' Dolomite: cream to buff, light brown, microcrystalline, soft to firm, chalky to earthy, dense in part, slightly argillaceous, calcareous in part, interbedded with

Shale: brown to graybrown, soft to firm, platy to blocky, calcareous to dolomitic, silty in part

3850' - 3970' Siltstone: light to medium gray, firm, calcareous, grading to

Sandstone: light gray to white, very fine to fine grained, sub angular to angular, fair sorting, poor to fair consolidation, calcareous cement in part

Sample Top: Second Garden Gulch @ 3970'

3970' - 3988' Limestone: white to cream, microcrystalline, soft, chalky to earthy

Note: Tripped for bit @ 3988' and converted from air/foam to KCL/Fresh Water drilling fluid. 20' samples from 3988' to Total Depth.

3988' - 4000' Limestone: as above, very poor sample, abundant cavings after trip

4000' - 4100' Shale: light to medium gray, graybrown in part, firm, platy to blocky, calcareous to marly, trace Limestone: tan to buff, microcrystalline, soft to firm, earthy to chalky, argillaceous, poor sample, abundant cavings

4100' - 4140' No Samples: abundant foam from switching mud system

4140' - 4170' Shale: light gray to graygreen, firm, platy to fissile, calcareous, silty in part, trace pyrite

4170' - 4202' Siltstone: light gray to graywhite, soft to firm, calcareous, grading to

Sandstone: white, salt and peppered, very fine

grained, sub angular, fair sorting, fair consolidation, calcareous cement, micaceous to pyritic, rare brown asphaltic, dull yellowgreen spotty fluorescence, immediate yellowgreen streaming cut

4202' - 4264' Siltstone: light to medium gray, graywhite, firm, calcareous, grading to
Shale: light gray to graybrown, firm, platy to sub blocky, calcareous

Sample Top: Y-2 @ 4264'

4264' - 4286' Sandstone: light brown, very fine grained, sub angular, fair to good consolidation, calcareous cement, silty in part, micaceous, trace brown asphaltic residue, dull yellowgreen fluorescence, moderate yellowgreen streaming cut

4286' - 4322' Siltstone: light gray to graywhite, light brown, firm, calcareous, micaceous, grading to Sandstone in part

4322' - 4332' Sandstone: light brown, very fine grained, sub angular, fair sorting, good consolidation, slight calcareous cement, silty, trace dark brown asphaltic residue and brown oil stain, dull yellowgreen fluorescence, moderate yellowgreen streaming cut

4332' - 4400' Siltstone: light gray to graywhite, firm to slightly hard, calcareous, micaceous to pyritic, grading to shale in part

4400' - 4464' Shale: light to medium gray, graybrown to brown in part, platy, calcareous to marly, silty to pyritic, trace Limestone: cream to tan, microcrystalline, firm, dense to chalky, argillaceous

4464' - 4480' Shale: light to medium brown, graybrown, platy, soft to firm, calcareous to marly, silty in part

4480' - 4526' Siltstone: light gray to graywhite, salt and peppered, soft to firm, calcareous, grading to very fine grained

Sandstone in part

- 4526' - 4590' Shale: light to medium brown, gray to graybrown, soft to firm, platy to blocky, calcareous to marly, silty, interbedded with
Limestone: tan to cream, light graybrown, microcrystalline, firm, dense to chalky, argillaceous
- 4590' - 4604' Sandstone: white, salt and peppered, very fine to fine grained, sub angular, poor sorting, poor to fair consolidation, calcareous cement, grading to Siltstone
- 4604' - 4640' Siltstone: light to medium gray, soft to firm, calcareous
- 4640' - 4664' Shale: brown to graybrown, firm, platy to blocky, calcareous to marly, grading to
Limestone: tan to graybrown, microcrystalline, firm, dense to chalky, argillaceous
- 4664' - 4700' Siltstone: light to medium gray, light brown, soft to firm, calcareous, grading to very fine grained Sandstone in part
- 4700' - 4756' Shale: light to medium brown, gray, soft to firm, platy, calcareous to marly, grading to
Siltstone: light gray to graywhite, firm, calcareous

Sample Top: Douglas Creek @ 4756'

- 4756' - 4782' Shale: light brown to gray, firm, platy to blocky, calcareous to marly, trace
Limestone: tan to cream, microcrystalline, soft, chalky

Sample Top: R-1 @ 4782'

- 4782' - 4792' sandstone: light brown, very fine to fine grained, sub angular, fair sorting, poor to fair consolidation, slightly calcareous, poor to fair intergranular porosity, oil on the pits, brown uniform oil stain, moderate yellowgreen fluorescence, immediate yellowwhite streaming cut

4792' - 4850' Siltstone: light to medium gray, graywhite, salt and peppered, firm, micaceous, calcareous, grading to very fine grained Sandstone in part

4850' - 4880' Shale: brown to gray, soft to firm, platy to blocky, pyritic to silty, calcareous to marly, grading to shaly Limestone

4880' - 4900' Siltstone: gray to graywhite, salt and peppered, firm to slightly hard, calcareous, micaceous, grading to Sandstone: white, salt and peppered, fine to medium grained, sub angular, poor sorting, fair to good consolidation, calcareous cement, micaceous, tight

4900' - 4930' Shale: light to medium gray, brown, soft to firm, platy to sub blocky, silty, pyritic

4930' - 4964' Siltstone: light to medium gray, soft to firm, calcareous, grading shale

4964' - 4994' Shale: light to medium brown, gray, soft to firm, platy to sub blocky, calcareous to marly, silty

Sample Top: G-1 @ 4994'

4994' - 5022' Siltstone: light to medium gray, brown, soft to firm, calcareous, grading to Sandstone: white to light brown, very fine grained, sub angular, fair sorting, fair consolidation, calcareous to silty, trace brown spotty oil stain, dull yellowgreen fluorescence, slow yellowgreen streaming cut

5022' - 5046' Siltstone: light gray to graybrown, soft to firm, calcareous, grading to Sandstone: light brown to gray, very fine grained, sub angular, well sorted, fair to good consolidation, calcareous cement, trace brown oil stain, dull gold fluorescence, slow yellowwhite streaming cut

5046' - 5066' Siltstone: gray to graywhite, salt and peppered, firm to slightly hard, calcareous

- 5066' - 5140' Shale: light to medium brown, gray, soft to firm, platy, calcareous, carbonaceous in part, silty, trace Sandstone: white, salt and peppered, very fine to fine grained, sub angular to sub rounded, poor sorting, poor to fair consolidation, calcareous cement, silty to micaceous, trace brown spotty oil stain, dull yellowgreen spotty fluorescence, slow yellowgreen streaming cut
- 5140' - 5196' Siltstone: light to medium gray, graywhite, firm, calcareous, grading to shale
- 5196' - 5286' Shale: light to medium brown, gray to graywhite, soft, calcareous to marly, silty to pyritic, trace Limestone: cream to tan, microcrystalline, soft to firm, chalky to earthy, argillaceous
- 5286' - 5344' Shale: dark brown to graybrown, soft, platy, slightly calcareous, carbonaceous
- Sample Top: G-5 @ 5344'
- 5344' - 5356' Sandstone: medium brown, very fine grained, occasional medium grained, sub angular to sub rounded, poor sorting, poor to fair consolidation, slightly calcareous, abundant brown carbonaceous material, trace to poor intergranular porosity, dark brown oil stain, no fluorescence, immediate bright bluewhite streaming cut
- 5356' - 5380' Siltstone: gray to graywhite, firm, calcareous, pyritic
- 5380' - 5420' Shale: light gray to graybrown, becoming dark brown, soft to firm, platy, slightly calcareous, carbonaceous
- 5420' - 5460' Shale: light to dark gray, dark graybrown, soft, calcareous to marly in part, platy, carbonaceous to petroliferous, trace finely disseminated pyrite, no fluorescence, occasional slow

yellowwhite streaming to diffuse cut

- 5460' - 5514' Shale: light to medium gray, graybrown in part, soft, platy, calcareous to marly, silty in part
- 5514' - 5540' Shale: dark gray to dark graybrown, soft, platy, slightly calcareous, carbonaceous to petroliferous, no fluorescence, slow yellowwhite streaming to diffuse cut
- 5540' - 5594' Shale: light to medium gray, graybrown, soft, platy, calcareous to marly, silty in part
- 5594' - 5644' Shale: dark brown to graybrown, soft to firm, platy, calcareous, carbonaceous

Sample Top: Carbonate Marker @ 5644'

- 5644' - 5654' Limestone: tan to light graybrown, microcrystalline, soft to firm, chalky to earthy, slightly argillaceous
- 5654' - 5714' Siltstone: light gray to graywhite, soft to firm, calcareous, grading to brown to gray, firm, blocky to platy, calcareous to marly, silty, trace very fine grained Sandstone
- 5714' - 5734' Sandstone: white to brown, salt and peppered, very fine grained to fine grained, sub angular to sub rounded, poor to fair sorting, fair consolidation, calcareous cement, trace brown oil stain, yellowgreen spotty fluorescence, slow yellowwhite diffuse to streaming cut, tight and grading to
- Siltstone: light to medium gray, salt and peppered, firm, calcareous
- 5734' - 5760' Siltstone: gray to graywhite, firm, calcareous, grading to very fine grained Sandstone
- 5760' - 5788' Shale: dark brown, graybrown, soft to firm, platy to blocky, carbonaceous, calcareous to silty in part

5788' - 5814' Siltstone: graywhite to light gray, firm, slightly hard, calcareous

5814' - 5844' Shale: brown to orangebrown, graybrown, soft to firm, platy to blocky, calcareous to marly, carbonaceous in part, grading to Siltstone

5844' - 5920' Siltstone: light to medium gray, graywhite, firm to slightly hard, calcareous, interbedded with
Shale: light to medium brown, graybrown to orangebrown, soft to firm, blocky to platy, calcareous to marly in part

5920' - 5964' Siltstone: light to medium gray, graywhite, firm to slightly hard, calcareous

5964' - 5986' Shale: black to dark gray, soft to brittle, platy to blocky, fissile in part, very slightly calcareous, carbonaceous to petroliferous, trace disseminated pyrite, no fluorescence, slow yellowwhite diffuse to streaming cut

5986' - 6014' Siltstone: gray to graywhite, brown in part, firm to slightly hard, calcareous, grading to Shale in part

6014' - 6042' Shale: brown to orangebrown, gray, firm, blocky to platy, calcareous to marly, silty

6042' - 6060' Sandstone: light brown to graybrown, very fine grained, sub angular to sub rounded, well sorted, poor consolidation, calcareous, trace intergranular porosity, brown spotty oil stain, dull yellow fluorescence, slow weak yellowwhite streaming cut, silty and grading to
Siltstone: light gray to graybrown, firm, calcareous

6060' - 6092' Shale: dark brown to graybrown, soft to firm, platy to blocky, calcareous to marly in part, carbonaceous, grading to
Limestone: tan to light graybrown, crypto to microcrystalline, firm, dense to chalky, argillaceous to shaly

Sample Top: Uteland Butte @ 6092'

6092' - 6150' Limestone: brown to dark graybrown, crypto to microcrystalline, firm, dense to chalky, argillaceous to shaly, carbonaceous, grading to
Shale: medium to dark gray, soft, platy to fissile, calcareous to marly, carbonaceous

6150' - 6190' Limestone: light to dark brown, medium to dark graybrown, microcrystalline, firm, dense to earthy, argillaceous, carbonaceous, interbeds of
Shale: brown to graybrown, soft, platy to fissile, calcareous to marly, carbonaceous

Note: Driller's Total Depth @ 6190'

LOGGING REPORT

Logging Company: Schlumberger Engineer: Jeff Gebhart Date: 9/2-3/93

Witnessed by: Roy Clement and Al Plunkett

Driller's TD Depth: 6190' Logger's TD Depth: 6192'

Driller's Casing Depth: 275' Logger's Casing Depth: 276'

Elevation: GL: 5753' Sub: 10' KB: 5743'

Mud Conditions: Wt: 8.4 Vis: 27 WL: n/c
 BHT: 147⁰ F

Hole Conditions: Good

Logging Time: Time Arrived: 2100 hrs First Tool in Hole: 2230 hrs
 Last Tool Out: 0200 hrs Time of Departure: 0330 hrs

Electric Logging Program: 1.) Dual Laterlog/MSFL with Gamma Ray & Caliper from 6190' to 276'; Compensated Neutron-Litho Density Log with Gamma Ray and Caliper from 6190' to 3500' (tools were stacked, one logging run was made).

Log Tops: Green River Formation @ 1660'; Second Garden Gulch @ 3966'; Y-2 @ 4242'; Douglas Creek @ 4754'; R-1 @ 4780'; G-1 @ 4996'; G-5 @ 5337'; Carbonate Marker @ 5640'; Uteland Butte @ 6068'; Total Depth @ 6192'.

Zones of Interest: Y-2 @ 4315' to 4323': 8' with 16-18% porosity; dirty gamma ray may indicate poor permeability

 R-1 @ 4880' to 4896': 12' with 18-19% porosity

 G-1 @ 4996' to 5000': tight and silty

 G-5 @ 5337' to 5359': 10' with 15-18% porosity

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

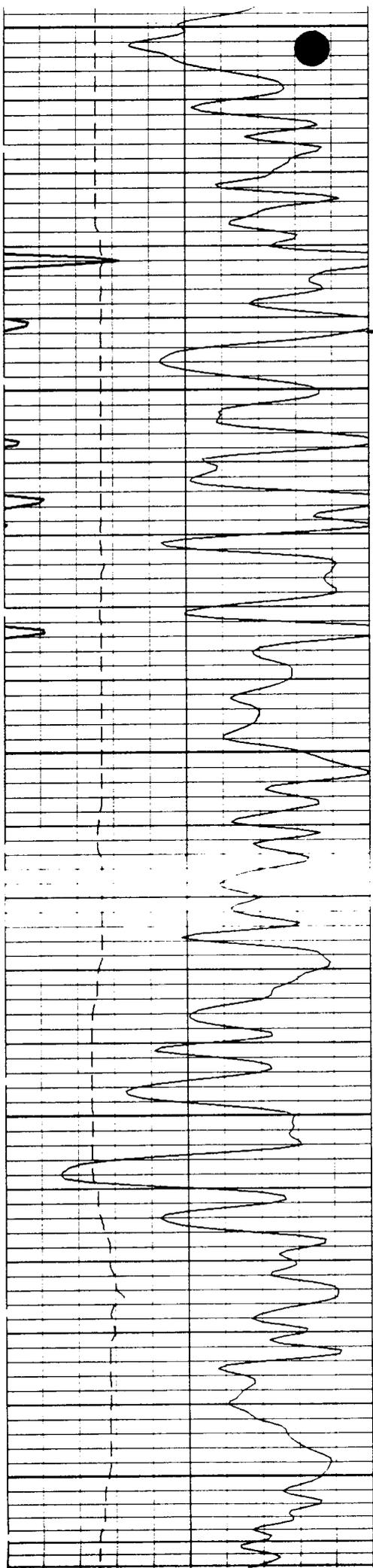


SIMULTANEOUS
**COMPENSATED NEUTRON-
LITHO-DENSITY**

COUNTY DUCHESNE FIELD MONUMENT BUTTE LOCATION 476'N1 & 2051'W1 WELL BALCRON FEDERAL #21-9Y COMPANY BALCRON OIL COMPANY	COMPANY BALCRON OIL COMPANY WELL BALCRON FEDERAL #21-9Y FIELD MONUMENT BUTTE COUNTY DUCHESNE STATE UTAH
LOCATION 476'FNL & 2051'FWL NE NW.	Other Services: DLL MSFL LDT CNL
API SERIAL NO. SECT. 9 TWP. 9S RANGE 16E	Permanent Datum GROUND LEVEL Elev. 5743.0 F Log Measured From KB 10.0 F above Perm. Datum Drilling Measured From KB
Elev.: K.B.5753.0 F D.F.5752.0 F G.L.5743.0 F	
Date 2-SEP-1993	
Run No. ONE	
Depth Driller 6190.0 F	
Depth Logger (Schl.) 6192.0 F	
Btm. Log Interval 6190.0 F	
Top Log Interval 3500.0 F	
Casing-Driller 8 5/8" @ 265.0 F @ @	
Casing-Logger 276.0 F	
Bit Size 7 7/8" @ @ @	
Type Fluid in Hole KCL WATER	
Dens. 8.40 LB/G pH 10.9	Visc. 27.0 S Fid. Loss
Source of Sample PIT	
Rm @ Meas. Temp. .308 OHMM @ 76.0 DEGF @	
Rmf @ Meas. Temp. .308 OHMM @ 76.0 DEGF @	
Rmc @ Meas. Temp. @ @	
Source: Rmf MEAS Rmc NA	
Rm @ BHT .166 OHMM @ 147. DEGF @	
TIME	Circulation Ended 9-2 @ 18:10 Logger on Bottom 9-2 @ 22:58
Max. Rec. Temp. 147. DEGF	
Equip. 8264 Location VERNAL,UT	
Recorded By JEFF GEBHART	
Witnessed By R.CLEMENT/A.PLUNKETT	

Tribble

The well name, location and borehole reference data were furnished by the customer.

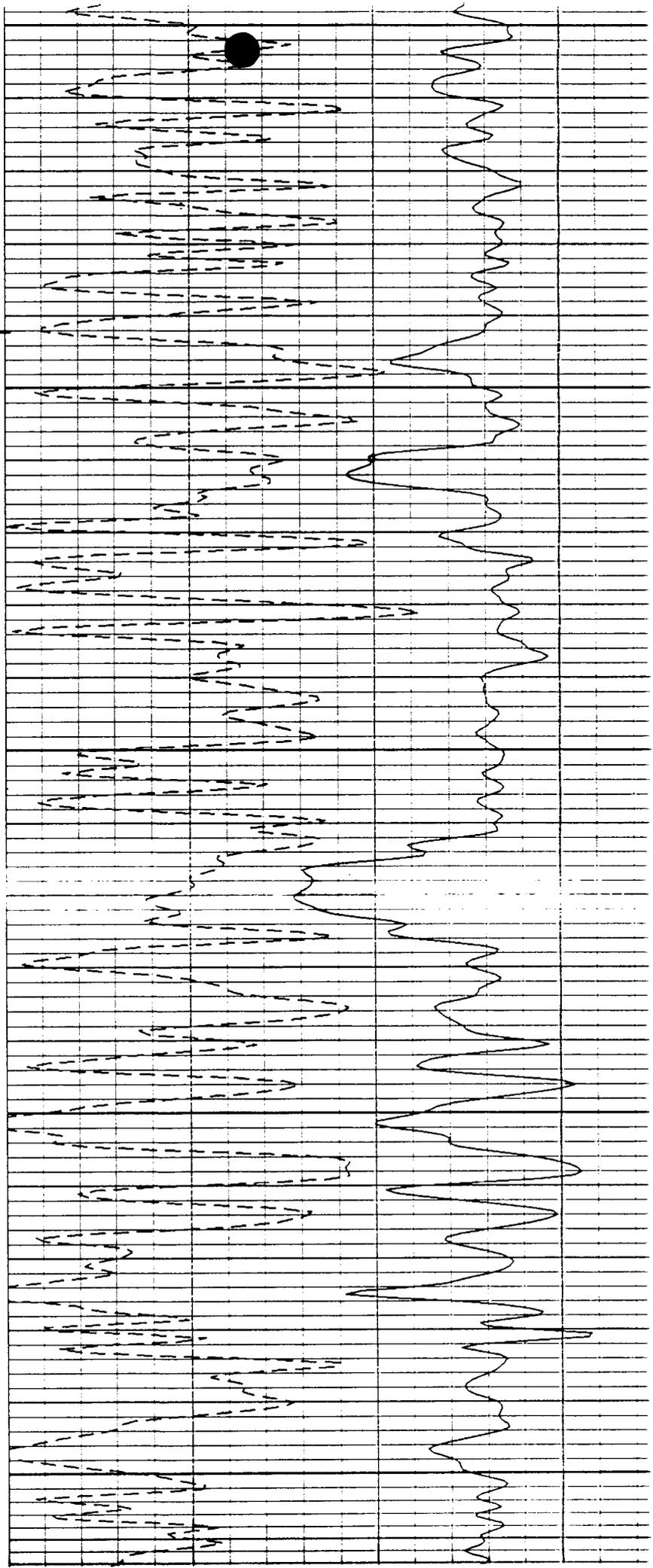


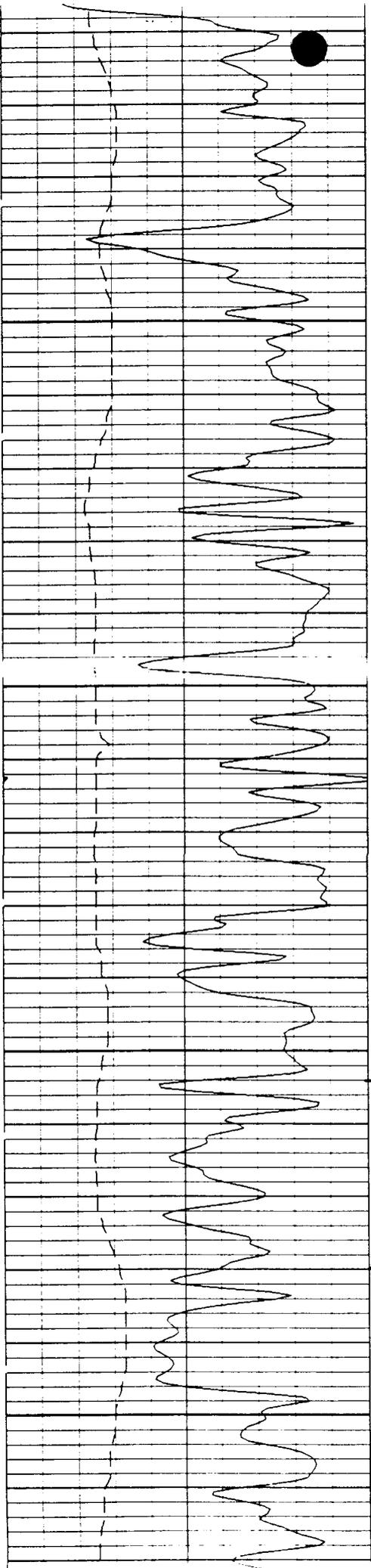
4200

Y-2

4300

4400



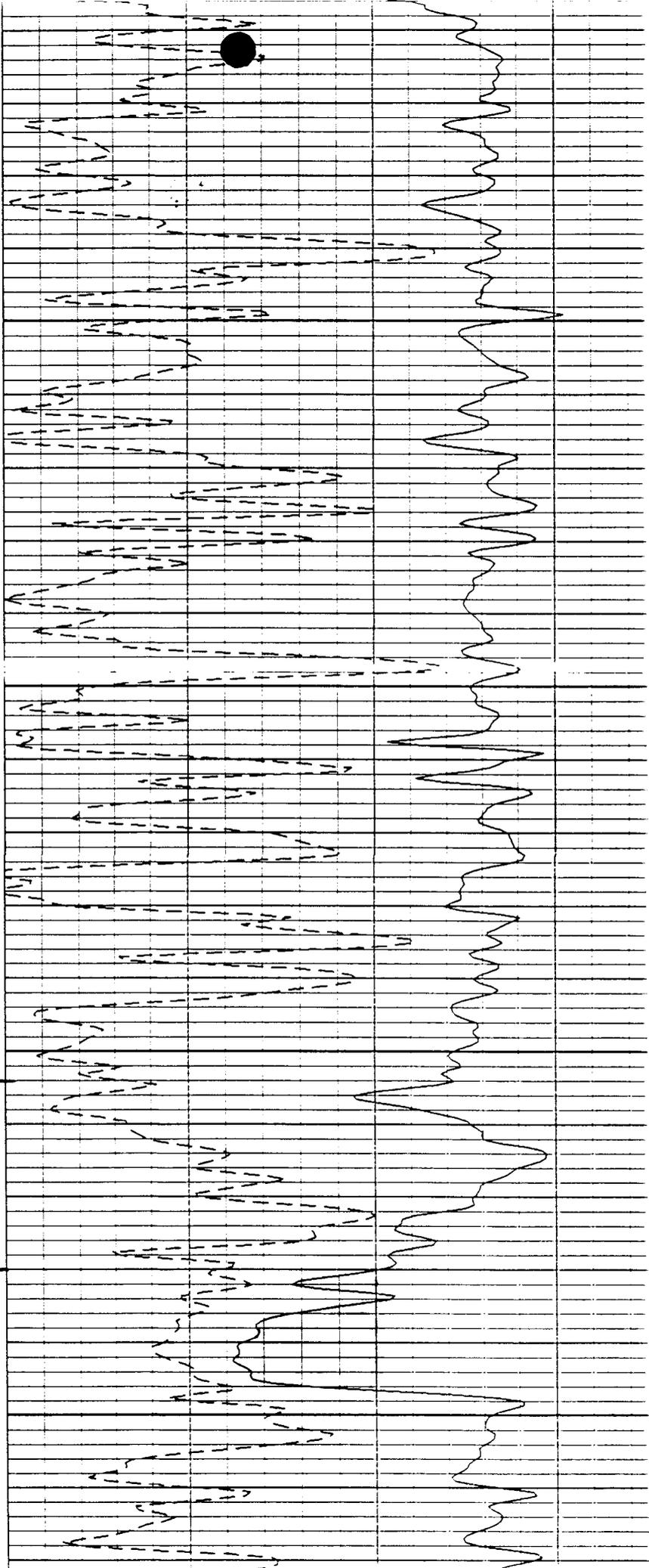


4700

Douglas
CREEK

R-1

4800



G-1

5000

5100

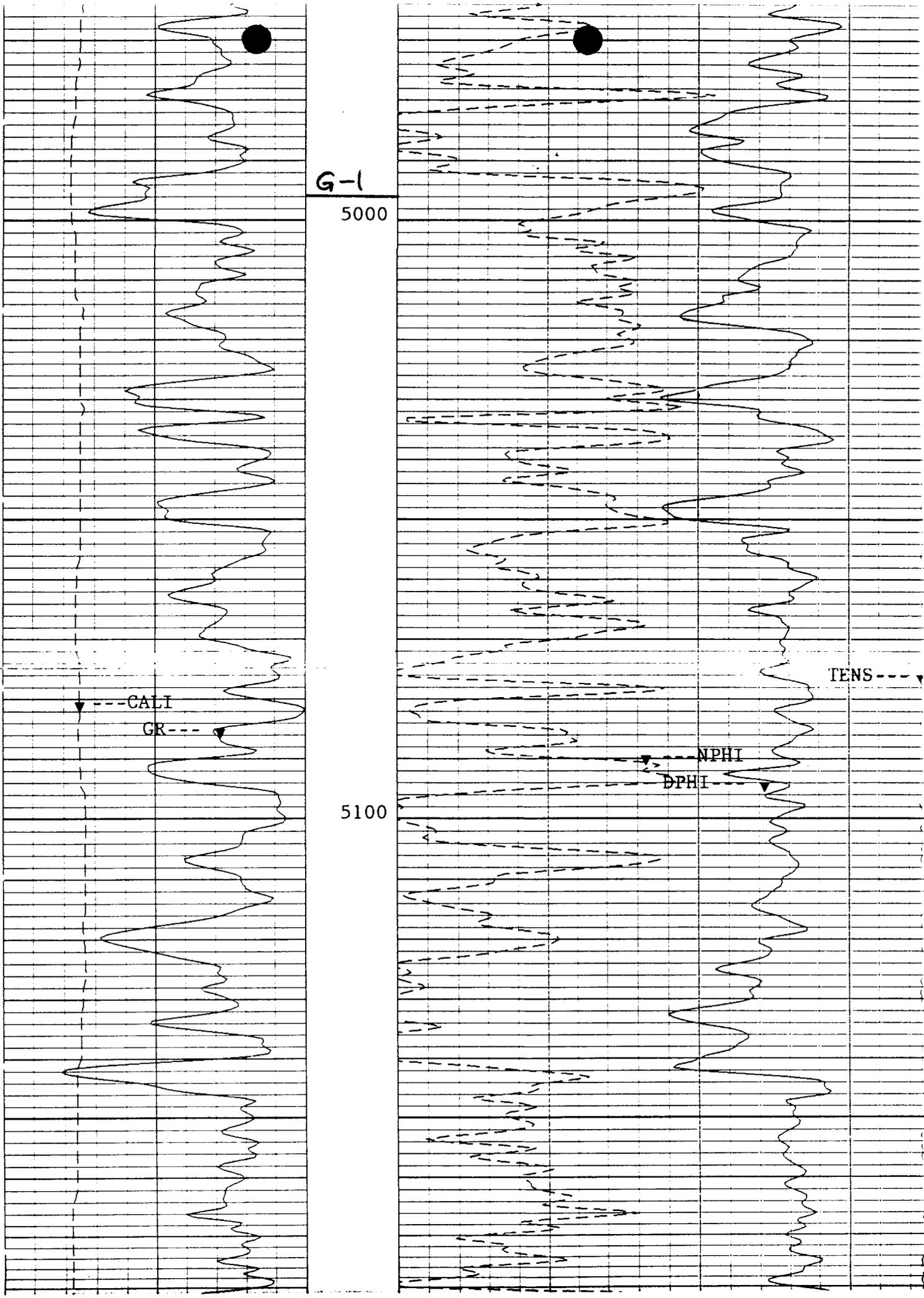
CALI

GR

NPHI

DPHI

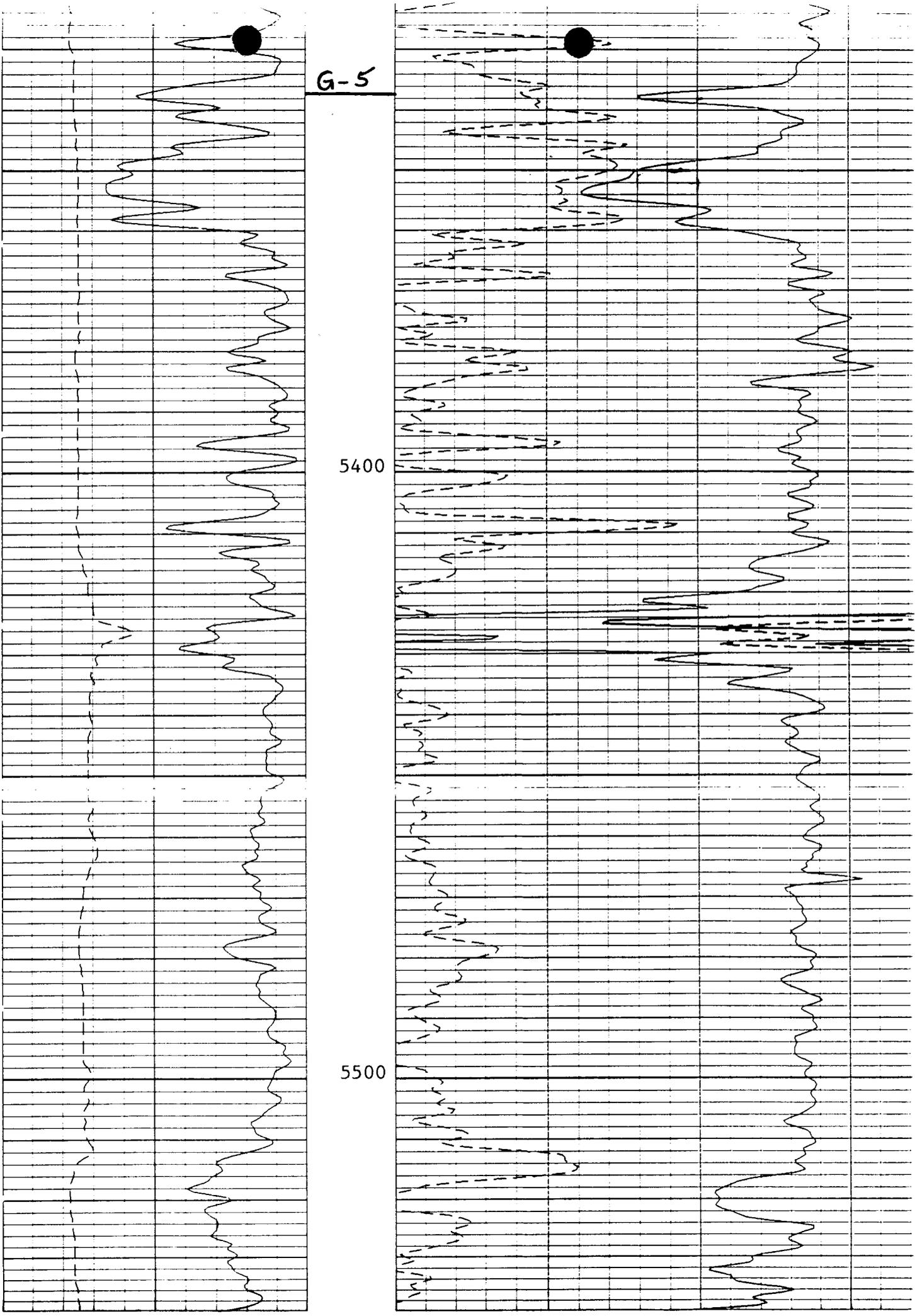
TENS



G-5

5400

5500



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SEP 16 1993

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DIVISION OF
OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-65207

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

NE NW Section 9, T9S, R16E
476.2' FNL, 2051' FWL.

8. Well Name and No.

Balcron Federal #21-9Y

9. API Well No.

43-013-31396

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Duchesne County, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input 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>proposed facility 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 proposed facility diagram for this well.

CONFIDENTIAL

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

Signed Robbie Schuman

Coordinator of Environmental
and Regulatory Affairs

Title

September 14, 1993

Date

(This space for Federal or State Office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

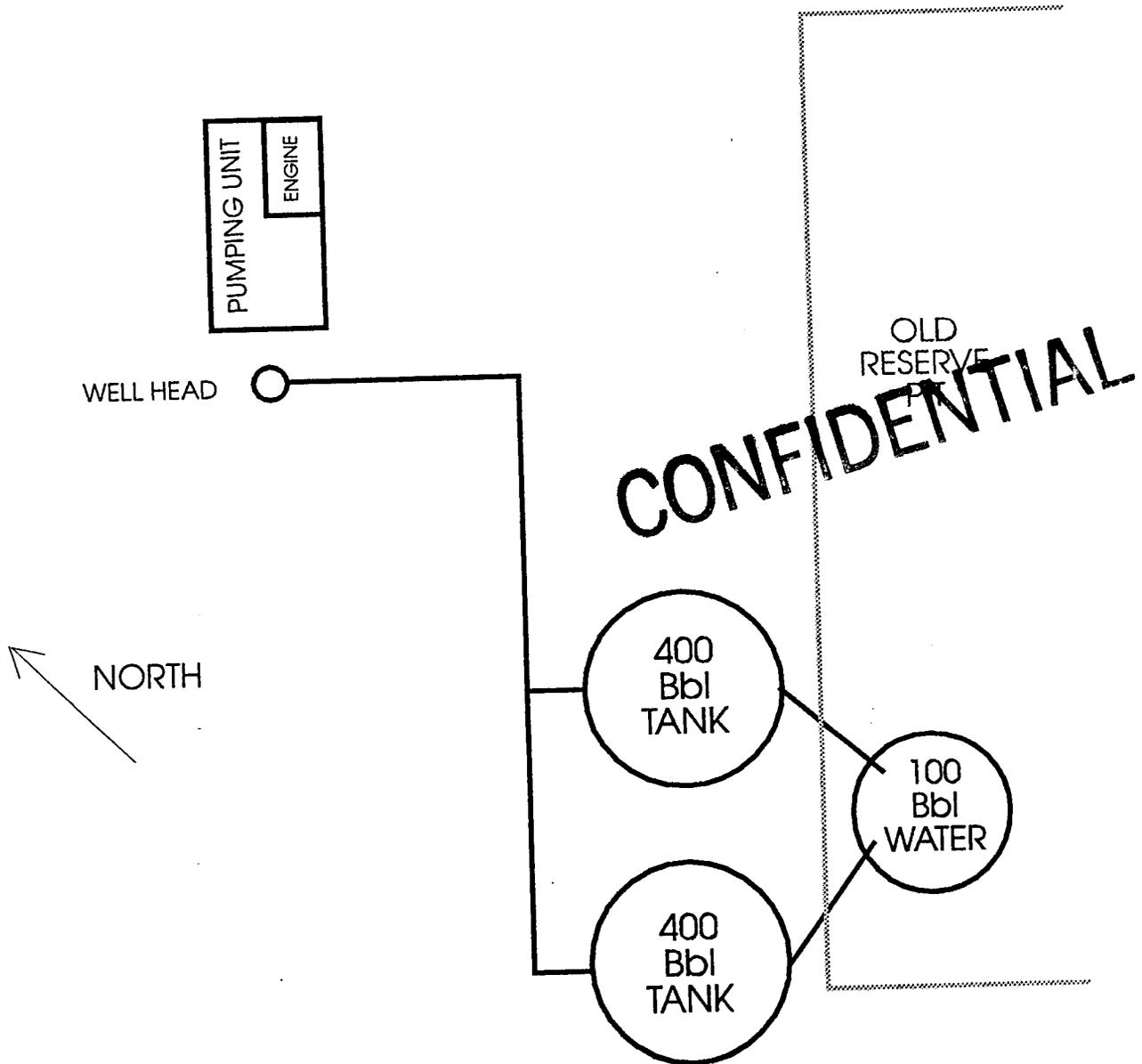
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Equitable Resources Energy Company
Balcron Federal #21-9Y
Proposed Production Facility Diagram

Balcron Federal #21-9Y
NE NW Section 9, T9S, R16E
Duchesne County, Utah
Federal Lease #U-65207
476.2' FNL, 2051' FWL

DIAGRAM NOT TO SCALE



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

ACCESS ROAD

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

CONFIDENTIAL

5. Lease Designation and Serial No.

U-65207

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

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

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

NE NW Section 9, T9S, R16E

476.2' FNL, 2051' FWL.

8. Well Name and No.

Balcron Federal #21-9Y

9. API Well No.

43-013-31396

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Duchesne County, UTAH

(406) 259-7850

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OCT 06 1993

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

DIVISION OF
OIL, GAS & MINING

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other

Report of First Production

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.)*

First Production on this well was September 30, 1993.

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

Signed

Bobbe Schuman

Title

Coordinator of Environmental
and Regulatory Affairs

Date October 4, 1993

(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.

BALCRON OIL

Balcron Monument Federal #21-9Y

NE NW Section 9, T9S, R16E, SLB&M

Duchesne County, Utah

PALEONTOLOGY

MONITORING REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

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

SEPTEMBER 6, 1993

RESULTS OF PALEONTOLOGY MONITORING AT BALCRON MONUMENT BUTTE FEDERAL #21-9Y

This location is 10 miles south and 3 miles west of Myton, Utah. Drainage is to the north and northeast from the location. The Proposed access road leaves an existing road and runs about 2000 feet down a small ridge north and east around a knoll and down to the location.

Paleontological material found during the original survey was described as follows:

The sandstone layer on which the road is to be constructed shows some evidence of plant impressions. Three plant sites were identified, but other material may be present through out this layer in the area. Fossil plant stems were seen in the sandstone in a cut just south of the junction of the existing road and proposed access road. Plants stems were found on the southeast side of the small knoll where the access road rounds this hill to the location. And more plant stems were found on the ridge about half way between the two above locations. None of the material found was identifiable, but identifiable material may be present in the form of leaves.

All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodilians, and occasional fish remains. Plants from the Uinta Formation are not well represented in either the fossil record or the literature, although they are presumed to be similar to those known from the underlying Green River Formation (Hamblin, 1987). Several other plant sites have been recorded in the Uinta Formation from this general area of the Uinta Basin (Hamblin, 1992a and 1992b), but no well preserved, identifiable material has yet been studied.

Whereas vertebrate fossils are easily destroyed by such construction, identifiable plant material may be exposed during construction. The plant material seen during the survey has been weathering on the surface for many years. Exposure of fresh, unweathered material may provide some very significant specimens for study. Collection of identifiable plant material in this area would provide valuable information on the flora of the Uinta Formation.

The following recommendations were made for the access road and location:

It was recommended that construction of the proposed access road and wellpad proceed as planned. This work is to be monitored by a paleontologist who will watch for and collect representative samples of any identifiable plant material found during construction.

On August 10, 1993 construction of the access road and wellpad for #21-9Y began. This work was monitored for paleontology. The caterpillar was followed to the location as it cleared the original ground surface. The material turned over through this process was watch carefully for fossil material. When the road was cut around the small knoll southeast of the well location, this area was worked a little at a time to allow observation and collection of any fossil material found.

Some plant material was found where the road cut northeast around the knoll mentioned above. While not a lot of identifiable material was found, several leaf specimens (which have yet to be studied) may be identifiable. Other material consisted of plant stems, and other odd plant fragments. Part of a gar pike fish was also found.

This plant locality is note worthy and still has the potential of producing identifiable Uintan material.

References sited-

Hamblin, A. H., 1987, Paleogeography and paleoecology of the Myton Pocket, Uinta Basin, Utah (Uinta Formation - Upper Eocene): BYU Geology Studies vol. 34, no. 1, p. 33-60.

Hamblin, A. H., 1992a, Desert Spring Natural Gas Environmental Assessment: Uintah and Duchesne Counties, Utah, Supplementary Report to Technical Report No. 2: Paleontological Resources. Mariah Associates, Inc., Laramie, Wyoming, MAI project 702.

Hamblin, A. H., 1992b, Paleontology of the Monument Butte Environment Assessment Study Area, For Mariah Associates, Inc., Laramie, Wyoming.

Allen H. Hamblin
Paleontologist

Date September 6, 1993

RECEIVED

NOV 12 1993

DIVISION OF OIL, GAS & MINING

1. Well name and number: Balcron Federal #21-9Y
 API number 43-013-31396
2. Well location: QQ NE NW section 9 township 9S range 16E county Duchesne
3. Well operator: Equitable Resources Energy Company, Balcron Oil Division
 Address: P.O. Box 21017 phone: (406) 259-7860
Billings, MT 59104
4. Drilling contractor: _____
 Address: _____ phone: _____

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

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
		No Water encountered.	

6. Formation tops: See Geologic Report.
- _____
- _____
- _____

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

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

Name Bobbie Schuman Signature Bobbie Schuman
 Title Coordinator of Environmental and Date 11-8-93
Regulatory Affairs

Comments:

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #21-9Y

Location: NE NW Section 9, T9S, R16E
Duchesne County, Utah
476.2' FNL, 2051' FWL

---TIGHT HOLE---

PTD: 5900' Formation: Green River
Green River Prospect/Monument Butte Field
Elevations: 5747.3' GL

Contractor: Union Drilling Rig #17

Operator: Balcron/EREC

Spud: August 23, 1993

Casing: 8-5/8" @ 275'

5-1/2" @

Tubing: 2-7/8" @ 5399'

8-10-93 Start location & road with bone inspector on location.
8-11-93 Work on location. Hard rock.
8-12-93 Work on location.
8-13-93 Drill/24 holes to shoot.
8-14-93 Shoot location & part of reserve pit.
8-16-93 Work on location.
DC: \$4,150 CC: \$4,150
8-17-93 Work on location & drill holes.
8-18-93 Drill holes & load powder.
8-19-93 Shoot pit & location.
8-20-93 Work on location.
8-21-93 Finish location.
8-22-93 Install pit liner & haul water.
8-23-93 Spud well at 8:30 PM.
8-24-93 TD: 295' (295') Day 1
Formation: Uintah
Present Operation: Nipple down airhead.
Move & rig up. Drill rat hole. Drill & set conductor
pipe. NU airhead. Drill 12-1/4 hole to 295'. TO &
nipple down airhead.
DC: \$3,893 CC: \$12,394

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #21-9Y

Location: NE NW Section 9, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

8-25-93 TD: 408' (113') Day 2
MW 8.4 VIS 27 pH 11.1
Formation: Uinta
Present Operation: Drilling.
Nipple down airhead. Could not pull 13-3/8" conductor pipe. Run 6 jts 8-5/8" csg & cement. WOC. NU, test BOP & manifold to 2000# - OK. Test csg to 1500# - OK. Trip in, drill cement, blow hole, drill. Had to get jackhammer to dig cellar.

8-5/8" casing & cement	
Guide Shoe	.65'
One 8-5/8", 24# shoe jt	43.20'
Insert float	--
5 jts 8-5/8" 24# csg w/3 centralizers	266.25'
Landing jt	<u>12.00'</u>
	278.25'

Set @ 275'

Dowell cement with 150 sxs Class "G" with 2% CCL & 1/4# per sx Celloflake. Good circulation. 4-5 bbls cement back. Plug down 8:20 AM 8/24/93.

DC: \$10,523

CC: 22,917

8-26-93 TD: 1,694' (1,286') Day 3
MW 8.3 VIS 2.7 pH 8.0
Formation: Green River
Present Operation: Drilling.
Drill, survey, clean on rig.
DC: \$45,198 CC: \$68,115

8-27-93 TD: 2,281' (587') Day 4
MW 8.4 VIS 27 pH 8.0
Formation: Green River
Present Operation: Wait on repairs.
Drill, survey, break main shaft in right angle drive. Wait on repair parts. Should have shaft in afternoon.
DC: \$9,047 CC: \$77,162

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #21-9Y

Location: NE NW Section 9, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

8-28-93 TD: 2,778' (497') Day 5
MW 8.3+ VIS 27 pH 7.8
Formation: Green River
Present Operation: Drilling.
Wait on parts, clean, paint & repair right angle drive,
drill, survey.
DC: \$7,942 CC: \$85,104

8-29-93 TD: 3,715' (937') Day 6
MW 8.4 VIS 27 pH 10.4
Formation: Green River
Present Operation: Drilling.
Drill, survey, clean on rig.
DC: \$13,709 CC: \$98,813

8-30-93 TD: 4,166' (451') Day 7
MW 8.4+ VIS 27 pH 11.5
Formation: Green River
Present Operation: Drilling.
Drill, survey, blow hole, circulate fluid & trip out.
Trip in & ream 30' to bottom. Drill.
DC: \$7,430 CC: \$106,243

8-31-93 TD: 4,775' (609') Day 8
MW 8.4 VIS 27 pH 10.1
Formation: Green River
Present Operation: Drilling.
Drill, survey, work on pit pump. Hole taking about 350
bbbls fluid a day.
DC: \$9,671 CC: \$115,914

9-1-93 TD: 5,362' (587') Day 9
MW 8.3 VIS 27 pH 10.8
Formation: Green River
Present Operation: Drilling.
Drill, survey, work on pump & work on rotary table.
DC: \$8,902 CC: \$124,816

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #21-9Y

Location: NE NW Section 9, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

9-2-93 TD: 5,936' (574') Day 10
MW 8.4 VIS 27 pH 11.0
Formation: Green River
Present Operation: Drilling.
Drill, survey, pump sweep, drill. Still losing 350-400
bbls fluid a day.
DC: \$10,616 CC: \$135,432

9-3-93 TD: 6,190' (254') Day 11
MW 8.4 VIS 27 pH 10.9
Formation: Green River
Present Operation: Circulate hole.
Drill, circulate for logs, trip out, log, TIH, circulate.
TD @ 3:20 PM 9-2-93.
DC: \$20,457 CC: \$155,432

9-4-93 TD: 6,190' (0') Day 12
Formation: Green River
Present Operation: RD - Moving.
Circ, LD drill pipe & collars. Get 5-1/2" csg ready to
run. Run csg & cmt w/Western. Set slips, back out
landing jt & ND BOP. Clean mud tank. Rig down. Plug
down 7 p.m. 9-3-93. Release rig 11 p.m. 9-3-93.
DC: \$50,313 CC: \$205,745

9-8-93 Completion
MIRU AAA Well Service Rig #1. Set rig anchors, dress up
location. Bond log from PBDT to 3500', skip to 3045',
cmt top @ 2946'. NU well head, NU BOP. TIH w/4-3/4 bit
& 5-1/2" scraper & 198 jts 2-7/8" tbg, tag PBDT @ 6112'
KB. SWIFN.
DC: \$18,436 CC: \$224,181

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #21-9Y

Location: NE NW Section 9, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

9-9-93 Completion
Circ hole clean w/160 of 2 $\frac{1}{2}$ wtr. TOOH w/197 jts 2-7/8" tbg, scraper & bit. RU Schlumberger to perforate 5349'-59' 2 SPF. RD Schlumberger, TIH w/5-1/2" packer & 170 jt of tbg, set packer @ 5261'KB. RU Western to do break down. Pressure test surface equipment to 400 psig. Start break down, initial break @ 3400 psig, back to 1800 @ 3.8 BPM. Start ball, 2 balls/BOW. Ball off, surge balls back, pump for rate 37 BPM @ 2500 spig, ISIP 2200. RD Western. RU to swab, flow back 12 BOW, make 4 swab runs, swab back 24 BOW. Last run w/trace of oil. Unset packer & TOH w/tbg & packer. SWI. Load used today - 60 BOW, load flowed & swabbed back - 36 BOW. Load to recover 24 BOW.
DC: \$5,072

9-13-93 Completion
CP - 20 psig. RU Dowell to frac. Pressure test surface equipment to 4500 psig - OK.

Start Pad	Max. Press (2750')	Max Rate (20.1)	171 bbls
Sand 1# 16/30	2875 psig	20.1 BPM	29.9 bbls
3# 16/30	2870 psig	20.2 BPM	32.5 bbls
6# 16/30	2750 psig	20.1 BPM	57.7 bbls
8# 16/30	2255 psig	20.1 BPM	97.6 bbls
Flush	3000 psig	20.1 BPM	44 bbls

Screened out.

ISIP 2582 psig, 5 min 2280 psig, 10 min 2032 psig, 15 min 1826 psig. Load to recover 429 BOW.

See Treatment Report attached - 3 pages.

DC: \$22,223

9-14-93 Completion.
CP - 400 psig, TIH w/1 jt 2-7/8" tbg, 5-1/2" packer & 113 jts 2-7/8" tbg. Tag sand fill @ 4377' KB. Circ sand out to 5459' KB. TOOH 5260 set packer.
DC: \$19,530

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #21-9Y

Location: NE NW Section 9, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

9-16-93 Completion
 CP - 0. TP - 100 psig. Tag fluid @ 3000' from surface. made 3 swab runs, swabbed down to 4500', 30% swab back 12 bbls. Release packer. TIH, tag sand @ 5395' KB. Circ well clean to 6112', TOH w/tbg & pzcker. RU Schlumberger to perf, 4780'82', 4885'-96' KB 2 SPF. RD Schlumberger. TIH w/BP, 1 jt 2-7/8" tbg, 5-1/2" packer, seat nipple & 10 stds of 2-7/8" tbg. SWIFN.
 DC: \$5,056

9-17-93 Completion
 TIH w/BP 1 jt 2-7/8" tbg, 1 Model-3 packer, SN & 2-7/8" tbg, set BP @ 4931' KB, POOH to 4709 KB set packer, EOT landed @ 4749' KB. Pressure BP - OK. RU Dowell to breakdown. Pressure test surface equipment t 6700 psig - OK. Start breakdown, initial break 2600 back to 1600 @ 5 BPM. Start balls, 2 balls/bbl. Ball off, max pressure 4245 psi, surge balls back. Pump for rate, 8 BPM @ 2500 psi ISIP. Unset packer, run packer across perfs to knock ball off. TOOH w/tbg, SN, packer 1 jt 2-7/8" tg & BP retrieving tool. Pressure test surface equipment to 3500 psig - OK. Start pad 171 BOW, max psi 2080, max rate 20.2 BPM.

	<u>Max psi</u>	<u>Max Rate</u>	<u>BOS</u>
1# 16/30	2	20.2	30
3# 16/30		20.1	60
6# 16/30		20.1	58
8# 16/30		20.1	98
Flush		20.1	120

Load to recover 521 BOW. See Well Treatment Report Attached - 1 pg.

DC: \$18,502

9-18-93 Completion
 CP 100 psig. Flow back 10 BOW. TIH w/retrieving tool, 1 jt 2-7/8" tbg, packer, SN & 153 jts 2-7/8" tbg. Tag sand fill @ 4650'. Circ, clean to BP @ 4931', set packer @ 4709'. made 29 swab runs, recovered 146 BOW. Last 3 runs 15% oil. SDFN. Load to recover 375 BOW.
 DC: \$1,504

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #21-9Y

Location: NE NW Section 9, T9S, R16E

Duchesne County, Utah

---TIGHT HOLE---

- 9-20-93 Completion
CP - 0, TP - 320 psi. Fluid level 400' from surface.
Made 6 swab runs. Recovered 31 bbls of fluid - 12 BO &
19 BW. Last 3 runs no sand, fluid level stable @ 40%
oil. Release packer, tag sand fill @ 4828' KB. Circ
clean to 4931' KB. Retrieve BP. TOOH w/tbg, packer &
BP. TIH w/1 jt 2-7/8" tbg, EUE, J-55, 8RD, 6.5# set @
5399' KB; 1 perf sub 2-7/8" x 3'; 1 seating nipple; 1 jt
tbg 2-7/8" EUE, J-55, 8RD, 6.5# 5367' KB. SDFN.
DC: \$3,480
- 9-21-93 Completion
Csg vac, tbg vac. ND BOP, NU wellhead. TIh w/BHP 2-1/2
x 1-1/2 x 16 RHAC w/PA plunger; six 1" x 25' rods w/2-
1/2" riton guides; 202 3/4" x 25' rods(plain); one 3/4"
x 8' pony; one 3/4" x 6' pony; one 1-1/4" x 16' polish
rod (SM). Clamped rods off. RDMO.
DC: \$8,572
- 9-22-93 Completion
Backfill pit, start hookup.
DC: \$10,968
- 9-30-93 Completion
Start pumping @ 2 p.m. 9-30-93. 74" stroke - 4 SPM.
DC: \$856

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-65207

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Balcon Federal

9. WELL NO.

#21-5Y

10. FIELD AND POOL, OR WILDCAT

Monument Butte/ Green River

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

NE NW Section 9, T9S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
UTAH

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. SERV. Other _____

CONFIDENTIAL

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

3. ADDRESS OF OPERATOR
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 476.2' ENL, 2051' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-31396 DATE ISSUED 6-21-93

15. DATE SPUNDED 8-23-93 16. DATE T.D. REACHED 9-3-93 17. DATE COMPL. (Ready to prod.) 9-30-93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5747.3' GL 19. ELEV. CASINO HEAD _____

20. TOTAL DEPTH, MD & TVD 6190' 21. PLUG, BACK T.D., MD & TVD 6117' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY _____ ROTARY TOOLS sfc - TD CABLE TOOLS _____

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4780' to 5359' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-FDC-ONL-GR CBL/GR/CLL, MUD LOG, 9-17-93 27. WAS WELL CORED No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	275'	12-1/4"	150 sxs "G" + additives	n/a
5-1/2"	15.5#	6162.48'	7-7/8"	188 sxs "G" additives and	
				125 sxs 50-50 POZ	n/a

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	5399' KB	n/a

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SPF	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5349'-5359'	(2 SPF)	5349'-5359'	42,329# 16/30 sand w/402 bbls gelled KCL water.
4780'-4782'	(2 SPF)		
4885'-4896'	(2 SPF)	4780'-4896'	20,000# 16/30 sand w/43 bbls gelled KCL water.

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-30-93		Pump - 1-1/2" Insert Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-5-93	24	n/a	→	50	75	20	1500
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a	→	50	75	20	34	

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

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE 11-8-93
Bobbie Schuman

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

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

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

38. GEOLOGIC MARKERS

NOV 12 1993
 DIVISION OF
 OIL, GAS & MINING

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-65207

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

NE NW Section 9, T9S, R16E

476.2' FNL, 2051' FWL.

8. Well Name and No.

Balcron Federal #21-9Y

9. API Well No.

43-013-31396

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.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.

RECEIVED
NOV 12 1993
DIVISION
OIL, GAS & MINING

CONFIDENTIAL

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

Signed

Bobbie Schuman
Bobbie Schuman

Title

Coordinator of Environmental
and Regulatory Affairs

Date 11-8-93

(This space for Federal or State Office use)

Approved by

Conditions of approval, if any:

Title

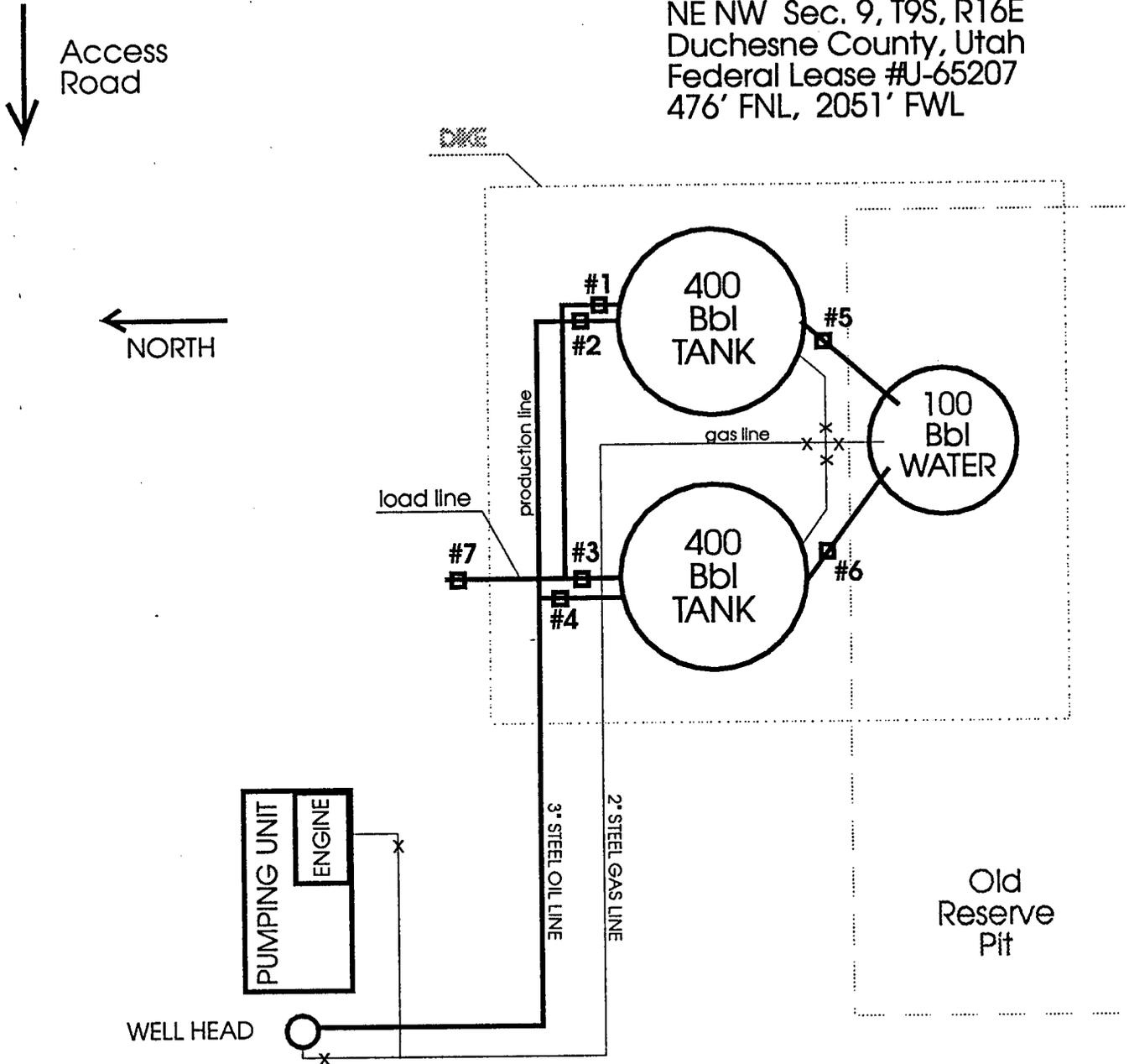
Date

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

**Equitable Resources Energy Company
Balcron Monument Federal 21-9Y
Production Facility Diagram**

Balcron Monument Federal 21-9Y
NE NW Sec. 9, T9S, R16E
Duchesne County, Utah
Federal Lease #U-65207
476' FNL, 2051' FWL



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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

NE NW Section 9, T9S, R16E 476.2' FNL, 2051' FWL

5. Lease Designation and Serial No.
U-65207

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

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Balcron Federal #21-9Y

9. API Well No.
43-013-31396

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

11. County or Parish, State
Duchesne County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>NIL2B</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 sundry notice is to be considered as our NIL2B (Disposition of Produced Water) for this well.
Any water produced by this well will be held in a produced water tank and then hauled to a commercial disposal facility. See Site Security Diagram for location of water tank.

NOV 12 1993
DIVISION
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Dobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date 11-8-93
Dobbie Schuman
(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.

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

Operator: EQUITABLE RESOURCES COMPANY Lease: State: _____ Federal: Y
Indian: _____ Fee: _____

Well Name: BALCRON FEDERAL #21-9Y API Number: 43-013-31396
Section: 9 Township: 9S Range: 16E County: DUCHESNE Field:
MONUMENT FEDERAL
Well Status: POW Well Type: Oil: Y Gas: _____

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY: _____

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

PUMPS:
_____ Triplex _____ Chemical _____ Y Centrifugal

LIFT METHOD:
Y Pumpjack _____ Hydraulic _____ Submersible _____ Flowing

GAS EQUIPMENT:
N Gas Meters N Purchase Meter N Sales Meter

TANKS:	NUMBER	SIZE
	<u>Y</u> Oil Storage Tank(s)	<u>2-400 BARREL W/BURNERS</u> BBLs
	<u>Y</u> Water Tank(s)	<u>1-150 OPEN TOP PIT TANK</u> BBLs
	Power Water Tank	_____ BBLs
	Condensate Tank(s)	_____ BBLs
	<u>(1)</u> Propane Tank	_____ BBLs

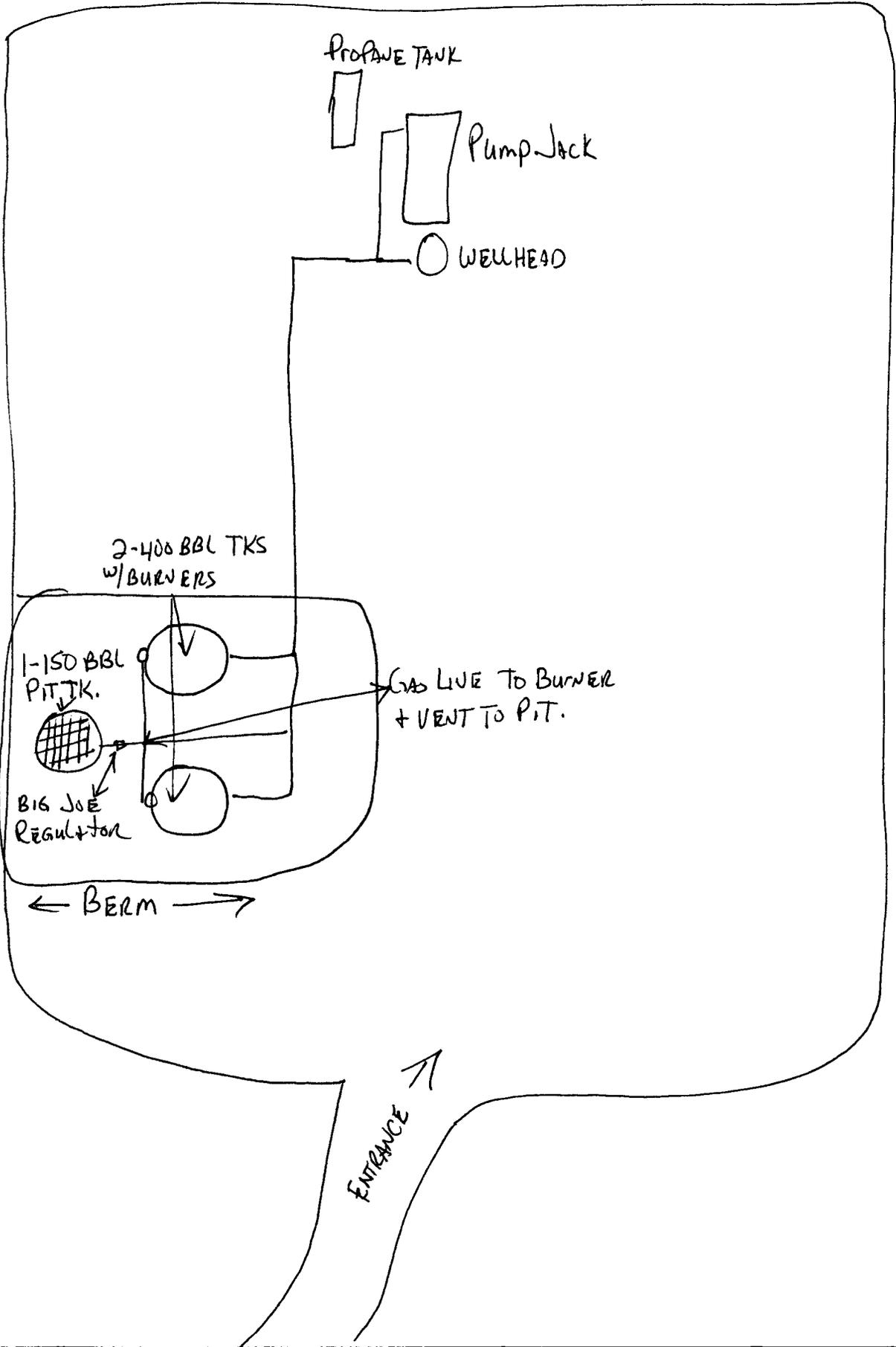
REMARKS: NO METERS OR SALES LINE AT PRESENT TIME. GAS FLARING AT PIT TANK
WITH 80 PSI ON RESIDUE LINE. PROPANE BACKUP. GLYCOL SYSTEM HEATER BY EXHAUST
MUFFLER.

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

Inspector: DENNIS INGRAM Date: 11/24/93

EQUITABLE RESOURCES
DALLAS FED # 21-94
SEQ TAG R16E

U-65207
43-013-31396
11/24/93



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

DEC 01 1993

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

SUNDRY NOTICES AND REPORTS ON WELLS
DIVISION OF OIL, GAS & MINING

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

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

NE NW Section 9, T9S, R16E
476.2' FNL, 2051' FWL.

5. Lease Designation and Serial No.

U-65207

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Federal #21-9Y

9. API Well No.

43-013-31396

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Duchesne County, UTAH

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

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

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

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

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

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

Signed

Robbie Schuman

Title

Coordinator of Environmental and Regulatory Affairs

Date November 30, 1993

(This space for Federal or State Office use)

Approved by

Conditions of approval, if any: Federal Approval of this Action is Necessary

Title

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

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.

Date: 12-3-93

*See Instruction on Reverse Side

By: [Signature]

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-65207

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

SUBMIT IN TRIPLICATE

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Balcron Federal # 21-9Y

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

9. API Well No.
43-013- 31396

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE NW Section 9, T9S, R16E.
476' FNL, 2051' FEL

11. County or Parish, State
Duchesne County, UTAH

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

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

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

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

Operator requests approval for off-lease measurement of gas on this well. A map showing the location of the meter is attached.

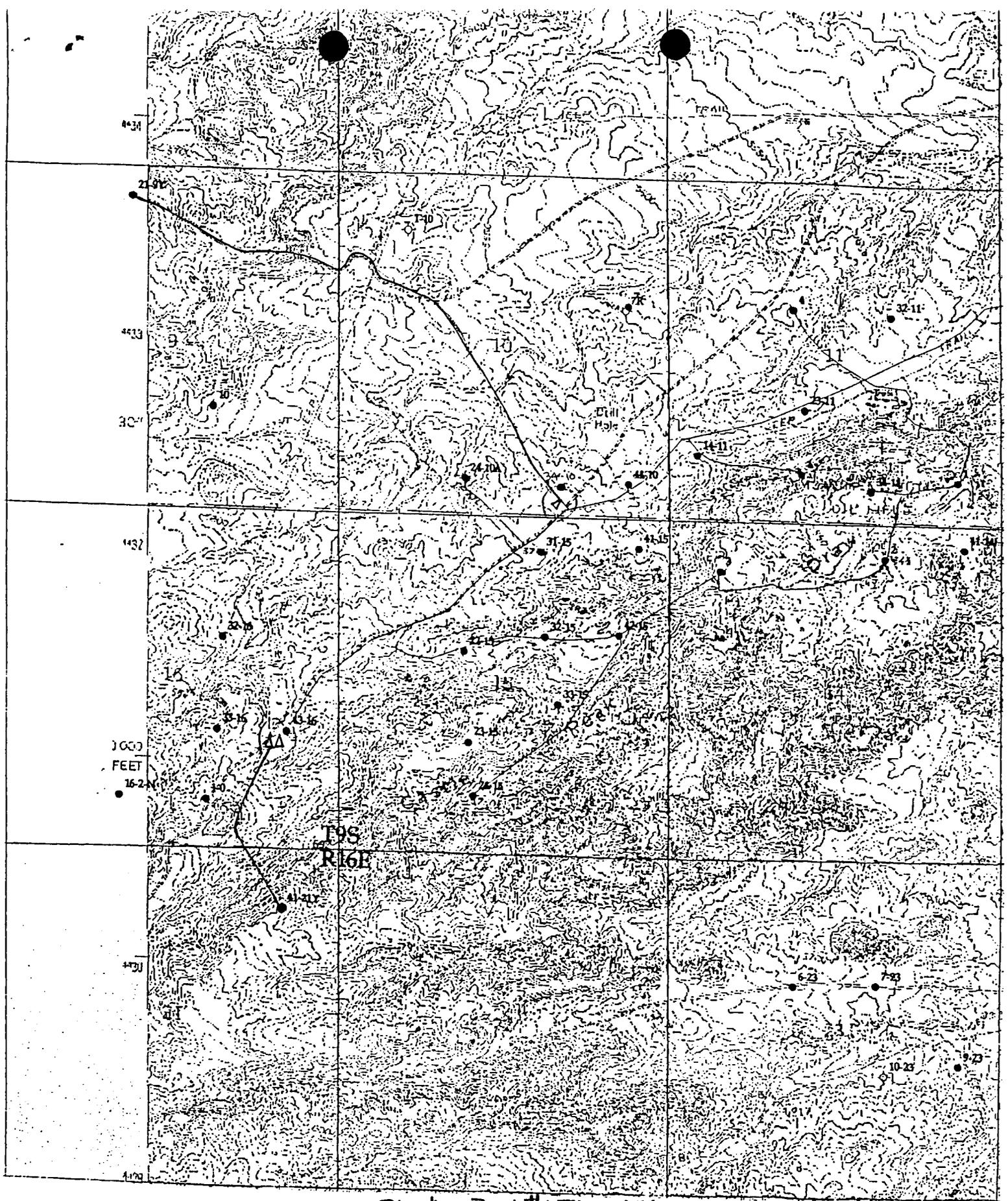
The location of the meter is shown on Federal Right-of-Way #UTU-71256.

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

Stamp: OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date January 13, 1995
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:



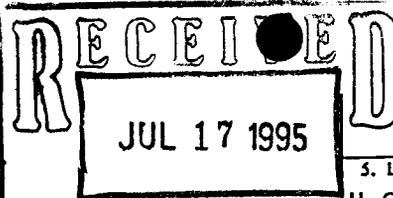
— Existing Gas Lines
 — Proposed 2" Poly Lines (Row)
 ▲ Proposed Gas Meter

Pipeline Row # UTU-71256
 Equitable Resources Energy Company
 Balcron Oil Division
 Monument Butte Gas Plant
 Gas Gathering System
 5-1-94

41-214
 (21-94)

12

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 OF OIL, GAS & MINING

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-65207

Indian, Allottee or Tribe Name

n/a

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

n/a

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

NE NW Section 9, T9S, R16E
476' FNL, 2051' FEL

8. Well Name and No.

Balcron Federal #21-9Y

9. API Well No.

43-013-31396

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UT

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

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

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

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

Operator requests approval for off-lease natural gas measurement for this well. It is desired to place the gas meter off-lease to reduce the distance that our gas plant operator must travel each day. The operator must check the meter daily. Due to rocky terrain this necessitates driving several additional miles each day if the meter were located on lease. Less driving also aids with dust control. See attached map for the meter location.

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

Signed Lobbie Schuman

Title Regulatory and Environmental Specialist

Date July 13, 1995

(This space for Federal or State office use)

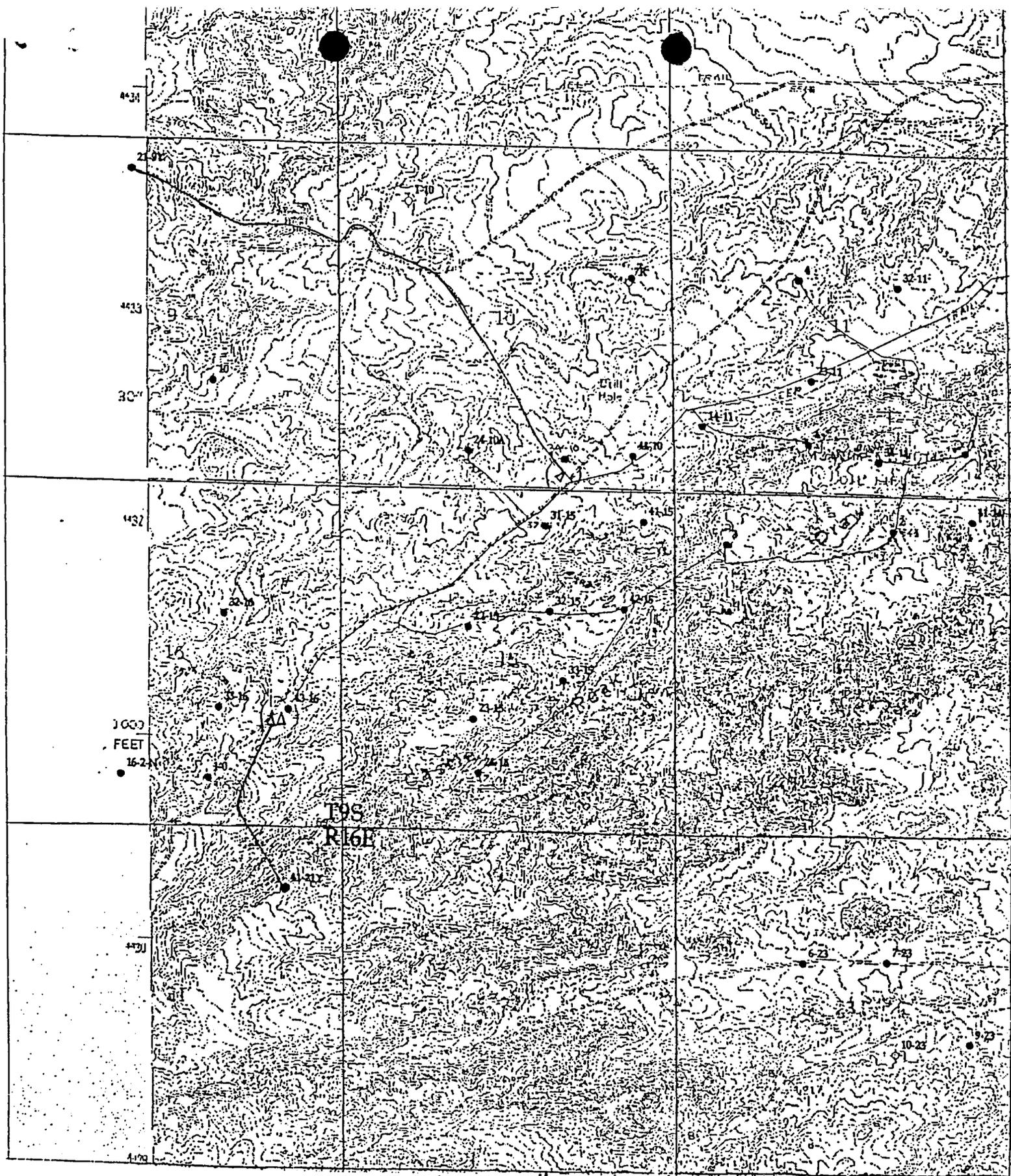
Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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*See Instruction on Reverse Side



— Existing Gas Lines Pipeline ROW # UT4-71256
 — Proposed 2" Poly Lines (Row)
 ▲ Proposed Gas Meter

Equitable Resources Energy Company
 Balcron Oil Division
 Monument Butte Gas Plant
 Gas Gathering System
 5-1-94

41-214
 21-94

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
See attached listing

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

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

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

County: See attached list

State: UTAH

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

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

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

4. Location of Well
Footages: See attached listing

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

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

NOTICE OF INTENT
(Submit in Duplicate)

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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

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

(This space for State use only)



EQUITABLE RESOURCES
ENERGY COMPANY

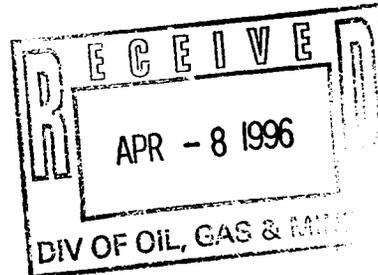
BALCRON OIL DIVISION

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
 355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
<input checked="" type="checkbox"/>	COYOTE FEDERAL 21-5		GRRV					
4304732260	11500	08S 25E 5						
<input checked="" type="checkbox"/>	COYOTE FEDERAL 13-5		GRRV					
4304732261	11500	08S 25E 5						
<input checked="" type="checkbox"/>	FEDERAL 22-10Y		GRRV					
4301331395	11501	09S 17E 10						
<input checked="" type="checkbox"/>	FEDERAL 41-21Y		GRRV					
4301331392	11505	09S 16E 21						
<input checked="" type="checkbox"/>	FEDERAL 44-14Y		GRRV					
4304732438	11506	09S 17E 14						
<input checked="" type="checkbox"/>	FEDERAL 21-13Y		GRRV					
91331400	11510	09S 16E 13						
<input checked="" type="checkbox"/>	FEDERAL 21-9Y		GRRV					
4301331396	11513	09S 16E 9						
<input checked="" type="checkbox"/>	FEDERAL 21-25Y		GRRV					
4301331394	11530	09S 16E 25						
<input checked="" type="checkbox"/>	MONUMENT FEDERAL 11-25		GRRV					
4304732455	11625	08S 17E 25						
<input checked="" type="checkbox"/>	ALLEN FEDERAL 31-6G		GRRV					
4301331442	11642	09S 17E 6						
<input checked="" type="checkbox"/>	BALCRON FEDERAL 41-19Y		GRRV					
4304732504	11651	09S 18E 19						
<input checked="" type="checkbox"/>	BALCRON MONUMENT STATE 14-2		GRRV					
4301331425	11656	09S 17E 2						
<input checked="" type="checkbox"/>	FEDERAL 44-4Y		GRRV					
4301331452	11679	09S 17E 4						
TOTALS								

COMMENTS: _____

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

Date: _____

Name and Signature: _____

Telephone Number: _____

UTAH - ALL

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LEP 7-SJ	✓
2	DE 58-FILE	✓
3	VLD (GIL)	✓
4	RJE	✓
5	IP	✓
6	FILM	✓

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>013-31396</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING

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

FILING

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

COMMENTS

9/6/4/10 BLM/BIA "Formal approval not necessary"



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

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

Dear Lisha:

RE: Equitable Sale of Utah Properties

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

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

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



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

TO: *Lisha*
St of Utah.

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

Pages Attached - Including Cover Sheet *2.*

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
See Attached

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

7. Unit Agreement Name:
See Attached

8. Well Name and Number:
See Attached

9. API Well Number:
See Attached

10. Field and Pool, or Wildcat:
See Attached

County:
State:

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Inland Production Company

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

4. Location of Well
Footages: See Attached Exhibit
OO, Sec., T., R., M.:

RECEIVED
OCT 13 1997

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

NOTICE OF INTENT
(Submit in Duplicate)

Abandon
 Repair Casing
 Change of Plans
 Convert to Injection
 Fracture Treat or Acidize
 Multiple Completion
 Other Change of Operator

New Construction
 Pull or Alter Casing
 Recomplete
 Reperforate
 Vent or Flare
 Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

Abandon
 Repair Casing
 Change of Plans
 Convert to Injection
 Fracture Treat or Acidize
 Other Change of Operator

New Construction
 Pull or Alter Casing
 Reperforate
 Vent or Flare
 Water Shut-Off

Date of work completion 9-30-97

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

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

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

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

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

OCT 16 1997

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

(This space for State use only)

INLAND

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

RECEIVED

OCT 10 1997



October 7, 1997

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

RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

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

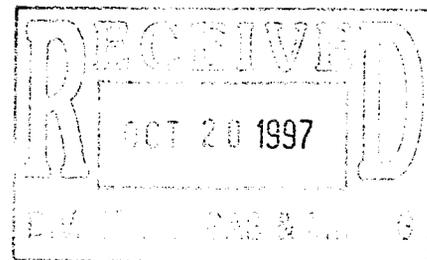
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

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

IN REPLY REFER TO:
3162.3
UT08438

December 5, 1997

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

Re: ⁴³⁻⁰¹³⁻³¹³⁹⁶
Well No. Balcron Federal 21-9Y
NENW, Sec. 9, T9S, R16E
Lease U-65207
Duchesne County, Utah

Dear Sir:

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

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

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

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

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-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

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

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

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

WELL(S) attach additional page if needed:

Name: **SEE ATTACHED**	API: <u>43-013-31796</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

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

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A / Yes 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. *dt 3/21/97*
- 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

- 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-65207

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
FEDERAL 21-9Y

9. API Well No.
43-013-31396

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.
475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0476 FNL 2051 FWL NE/NW Section 9, T09S R16E

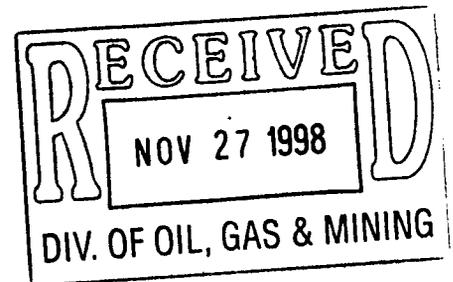
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

Attached please find the site security diagram for the above referenced well.



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

Signed Debbie E. Knight Title Manager, Regulatory Compliance Date 11/24/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Inland Production Company Site Facility Diagram

Monument Federal 21-9Y

NE/NW Sec. 9, T9S, 16E

Duchesne County

Nov. 05, 1998

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

Production Phase:

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

Sales Phase:

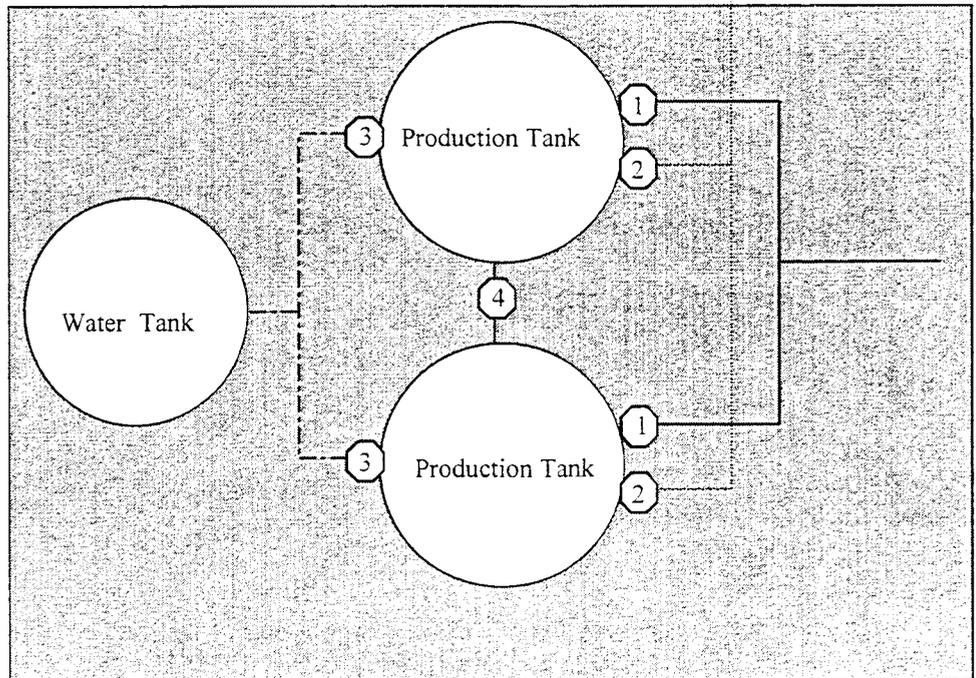
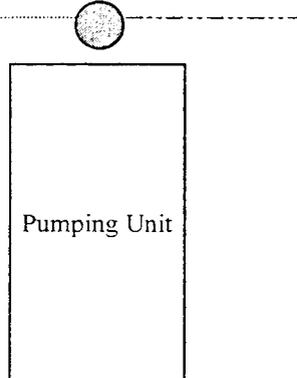
- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Diked Section

Gas Sales Meter



Emulsion Line
Load Line	————
Water Line	- - - - -
Gas Sales	- - - - -



January 8, 2001

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Balcron Federal #21-9Y-9-16
Monument Butte Field, South Wells Draw Unit, Lease #U-65207
Section 9-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Balcron Federal #21-9Y-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, South Wells Draw Unit.

I hope you find this application complete; however, if you have any questions or require additional information, please contact George Rooney at (303) 893-0102.

Sincerely,

A handwritten signature in black ink that reads "Bill Pennington". The signature is written in a cursive style with a large initial "B".

Bill Pennington
Chief Executive Officer



January 8, 2001

Mr. Edwin I. Forsman
Bureau of Land Management
Vernal District Office, Division of Minerals
170 South 500 East
Vernal, Utah 84078

RE: Permit Application for Water Injection Well
Balcron Federal #21-9Y-9-16
Monument Butte Field, South Wells Draw Unit, Lease #U-65207
Section 9-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Forsman:

Inland Production Company, as operator of the above referenced well, has requested to convert the above well from a producer to an injector. Enclosed for your review is a copy of the application filed with the State of Utah. Also enclosed is a copy of the sundry notice of intent.

Should you have any questions, please contact me or George Rooney at 303/893-0102.

Sincerely,

A handwritten signature in black ink that reads "Joyce D. McGough". The signature is written in a cursive style with a large, prominent initial "J".

Joyce McGough
Regulatory Specialist

Enclosures

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
BALCRON FEDERAL #21-9Y-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
SOUTH WELLS DRAW UNIT
LEASE #U-65207
JANUARY 8, 2001

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ATTACHMENT A-1	WELL LOCATION PLAT
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ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUGGING AND ABANDONMENT
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Balcron Federal #21-9Y

Spud Date: 8/23/93
 Put on Production: 9/30/93
 GL: 5747' KB: 5753'

Initial Production: 50 BOPD, 75 MCFD
 20 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 JTS - 266.25'
 DEPTH LANDED: 275' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

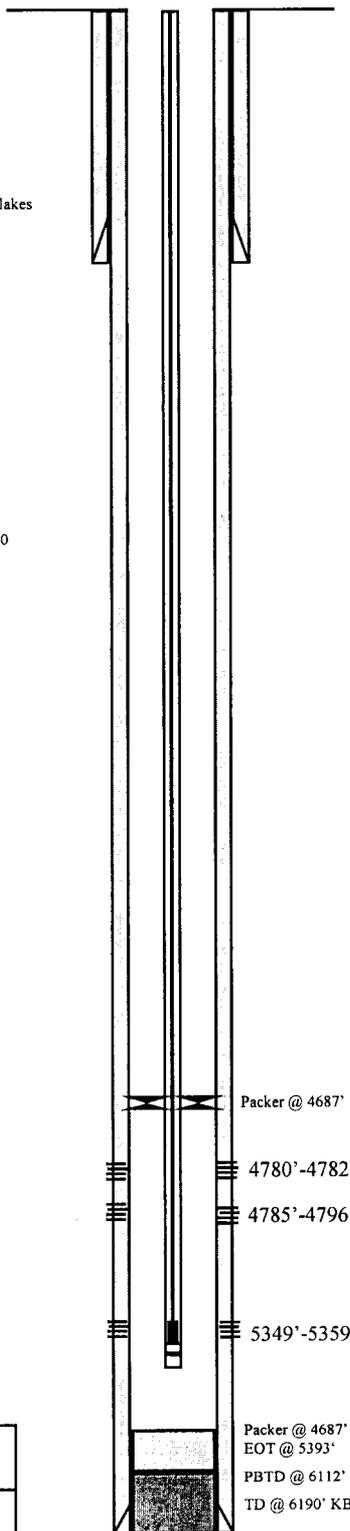
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 6154.48'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 188 sx "G" w/4% thrifty lite. Tail w/125 sx 50/50 POZ.
 CEMENT TOP AT: 2946' KB
 SET AT: 6162.48' KB

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 153 (4733.84')
 TUBING ANCHOR: 2-7/8" x 5-1/2" x 2.75' Trico
 SEATING NIPPLE: 2-7/8" x 1.10'
 TOTAL STRING LENGTH: 5393.47'
 SN LANDED AT: 5370.37' KB

Proposed Injection Wellbore Diagram



FRAC JOB

9/13/93 5349'-5359' **Acid job/Breakdown:**
 ATP = 2500 psi, ATR = 3.8 bpm, ISIP = 2200 psi.
Frac sand as follows:
 42,329# 16/30 sand w/402 bbls gelled KCL wtr. ISIP = 2582 psi, 5 min = 2280 psi, 10 min = 2032 psi, 15 min = 1826 psi.

9/17/93 4780'-4796' **Acid job/Breakdown:**
 Balled out. ATP = 2500 psi, ATR = 8 bpm.
Frac sand as follows:
 20,000# 16/30 sand w/443 bbls gelled KCL wtr. ATP = 2000 psi, ATR = 20 bpm, ISIP = 1760 psi, 15 min = 1500 psi.

PERFORATION RECORD

Date	Interval	Type	Holes
9-9-93	5349'-5359'	2 JSPF	20 holes
9-16-93	4780'-4782'	2 JSPF	4 holes
9-16-93	4785'-4796'	2 JSPF	22 holes



Inland Resources Inc.

Balcron Federal #21-9Y

476 FNL 2051 FWL

NENW Section 9-T9S-R16E

Duchesne Co, Utah

API #43-013-31396; Lease #U-65207

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Balcron Federal #21-9Y-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, South Wells Draw Unit.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. In the Balcron Federal #21-9Y-9-16 well, the proposed injection zone is from 4780' - 5359'. The confining stratum directly above and below the injection zones is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 4780'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Balcron Federal #21-9Y-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #U-65207) in the Monument Butte (Green River) Field, South Wells Draw Unit, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 275' GL, and 5-1/2" 15.5# J-55 casing run from surface to 6162' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F, F-1, F-2, and F-3

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1747 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Balcron Federal #21-9Y-9-16, for proposed zones (4780' - 5359') calculates at 0.80 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1747 psig. See Attachment G through G-2.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Balcron Federal #21-9Y-9-16, the injection zone (4780' - 5359') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-6.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Inland Production Company will supply any requested information to the Board or Division.

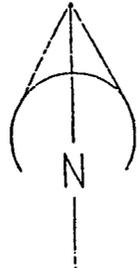
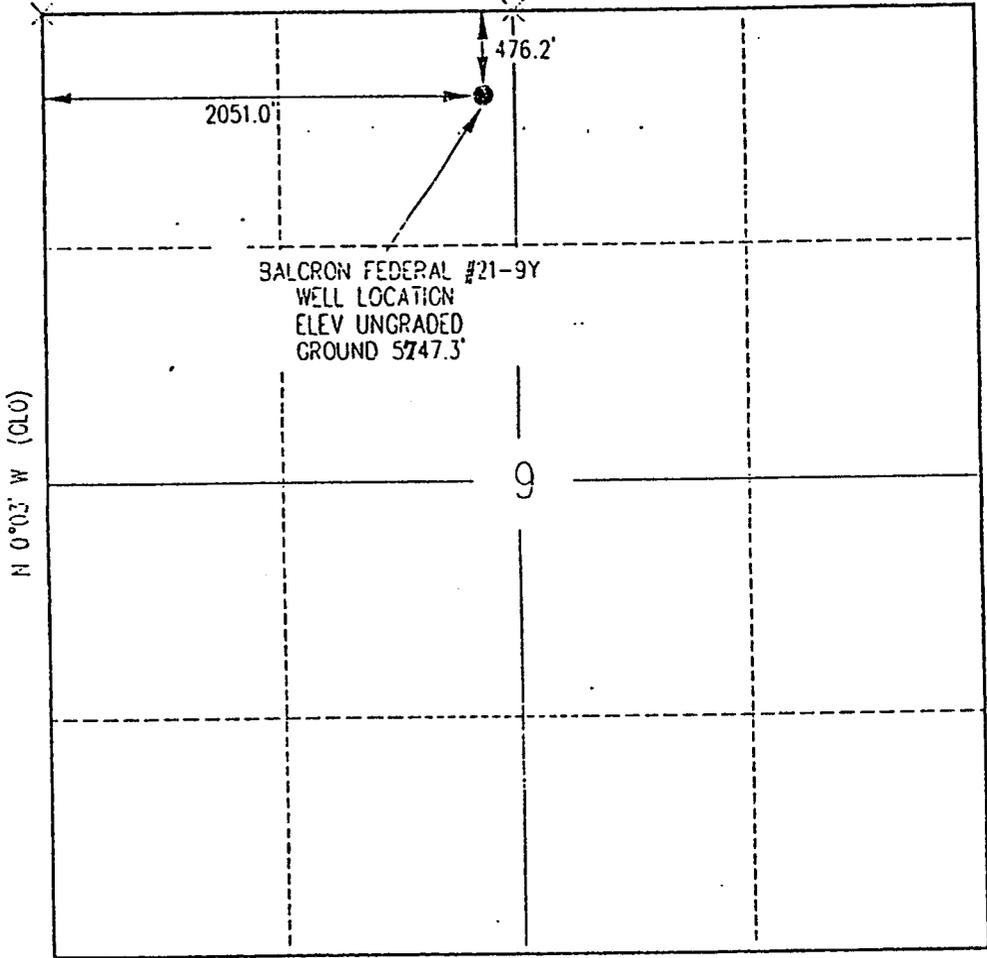
Attachment A-1

T9S, R16E, S.L.B. & M.

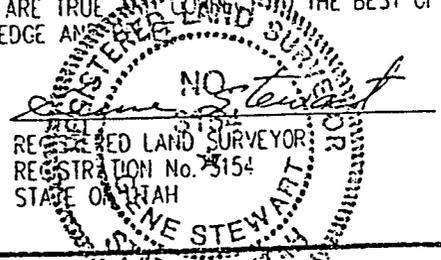
EQUITABLE RESOURCES ENERGY CO.

BASIS OF BEARING N 89°52' W (GLO)

WELL LOCATION, BALCRON FEDERAL #21-9Y,
LOCATED AS SHOWN IN THE NE 1/4 NW 1/4
OF SECTION 9, T9S, R16E, S.L.B. & M,
DUCHESE 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 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 SW)

TRI STATE LAND SURVEYORS CONSULTING 38 EAST 100 NORTH, VERNAL, UTAH 84078 (301) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: SS JC
DATE: 4/29/93	WEATHER: CLEAR & WARM
NOTES:	FILE # 21-9Y

Attachment B
Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 16 East</u> Section 8: N/2NE/4	U-020255 HBP	Inland Production Company	(Surface Rights) USA
2	<u>Township 9 South, Range 16 East</u> Section 4: W/2SW/4 Section 5: S/2SE/4	UTU-73086 HBP	Inland Production Company	(Surface Rights) USA
3	Township 9 South, Range 16 East Section 8: SE/4NE/4 Section 9: NE/4, NE/4NW/4, S/2NW/4 Section 10: N/2 NW/4 Section 35: W/2	UTU-65207 HBP	Inland Production Company Yates Petroleum Corporation Abo Petroleum Corporation Yates Drilling Company Myco Industries	(Surface Rights) USA
4	<u>Township 9 South, Range 16 East</u> Section 3: Lots 3 & 4, S/2NW, SW/4 Section 4: NE/4SW/4, SE	UTU-77388 HBP	Inland Production Company	(Surface Rights) USA

Attachment B
Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
5	<u>Township 9 South Range 16 East</u> Section 3: SE/4 Section 4: SE/4SW/4 Section 8: SW/4NE/4, SE/4 Section 9: SW/4SW/4 Section 17: NE/4 Section 18: Lots 3,4, E/2SW/4, SE/4 Section 19: Lots 1,2, NE/4, E/2NW/4 Section 21: N/2 Section 22: W/2NE/4, SE/4NE/4, NW/4	UTU-64379 HBP	Inland Production Company Yates Petroleum Corporation	(Surface Rights) USA
6	<u>Township 9 South, Range 16 East</u> Section 9: NW/4NW/4	UTU-020254 HBP	Inland Production Company	(Surface Rights) USA
7	<u>Township 9 South, Range 16 East</u> Section 9: E/2SW/4, SE/4	U-40894 HBP	Inland Production Company	(Surface Rights) USA
8	<u>Township 9 South, Range 16 East</u> Section 3: Lots 3, 4, S/2NW/4, SW/4 Section 4: NE/4SW/4, SE/4	UTU-77338 HBP	Inland Production Company	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Balcron Federal 21-9Y-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: Bill Pennington
Inland Production Company
Bill Pennington
Chief Executive Officer

Sworn to and subscribed before me this 11th day of January, 2001.

Notary Public in and for the State of Colorado: Janet K. Speck

My Commission Expires: 2/16/01



Balcron Federal #21-9Y

Spud Date: 8/23/93
 Put on Production: 9/30/93
 GL: 5747' KB: 5753'

Initial Production: 50 BOPD, 75 MCFD
 20 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 JTS - 266.25'
 DEPTH LANDED: 275' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 6154.48'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 188 sx "G" w/4% thrifty lite. Tail w/125 sx 50/50 POZ.
 CEMENT TOP AT: 2946' KB
 SET AT: 6162.48' KB

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 153 (4733.84')
 TUBING ANCHOR: 2-7/8" x 5-1/2" x 2.75' Trico
 SEATING NIPPLE: 2-7/8" x 1.10'
 TOTAL STRING LENGTH: 5393.47'
 SN LANDED AT: 5370.37' KB

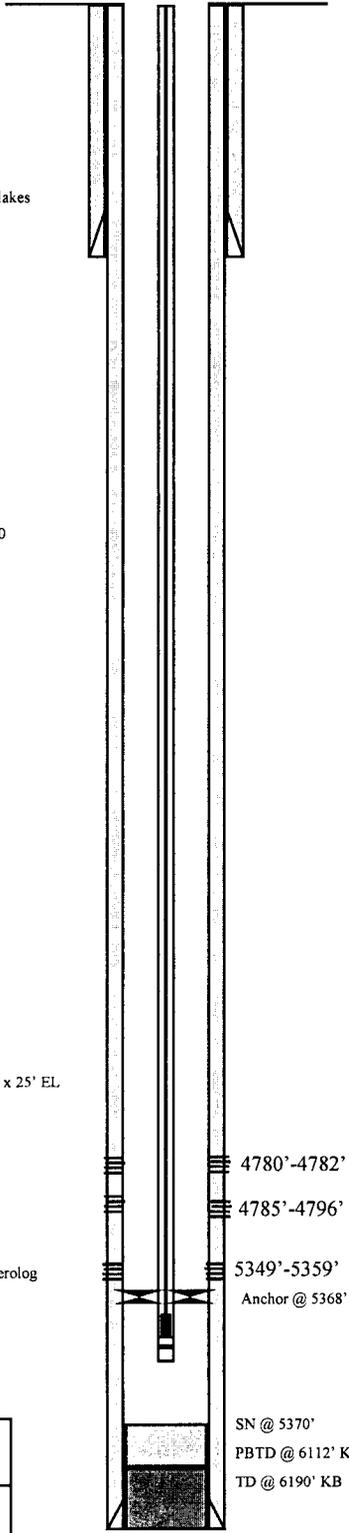
SUCKER RODS

POLISHED ROD: 1-1/4" x 16' SM
 SUCKER RODS: 2-3/4" x 2' Pony, 208 - 3/4" x 25' D-61 plain, 6 - 1" x 25' EL w/2-1/2" guides
 TOTAL ROD STRING LENGTH: 5370'
 PUMP NUMBER:
 PUMP SIZE: 2-1/2" x 1-1/2" x 16'
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 4
 LOGS: CBL/GR, Compensated Neutron-Litho Density Log, Dual Laterolog Micro-SFL

FRAC JOB

9/13/93 5349'-5359' **Acid job/Breakdown:**
 ATP = 2500 psi, ATR = 3.8 bpm, ISIP = 2200 psi.
Frac sand as follows:
 42,329# 16/30 sand w/402 bbls gelled KCL wtr. ISIP = 2582 psi, 5 min = 2280 psi, 10 min = 2032 psi, 15 min = 1826 psi.

9/17/93 4780'-4796' **Acid job/Breakdown:**
 Balled out. ATP = 2500 psi, ATR = 8 bpm.
Frac sand as follows:
 20,000# 16/30 sand w/443 bbls gelled KCL wtr. ATP = 2000 psi, ATR = 20 bpm, ISIP = 1760 psi, 15 min = 1500 psi.



PERFORATION RECORD

9-9-93	5349'-5359'	2 JSPF	20 holes
9-16-93	4780'-4782'	2 JSPF	4 holes
9-16-93	4785'-4796'	2 JSPF	22 holes

4780'-4782'

4785'-4796'

5349'-5359'

Anchor @ 5368'

SN @ 5370'

PBTD @ 6112' KB

TD @ 6190' KB



Inland Resources Inc.
Balcron Federal #21-9Y
 476 FNL 2051 FWL
 NENW Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31396; Lease #U-65207

South Wells Draw Fed #11-4-9-16

Spud Date: 10/21/98
 Put on Production: 11/21/98
 GL: 5734' KB: 5744'

Initial Production: 93 BOPD;
 141 MCFD; 6 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 DEPTH LANDED: 326'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Premium cmt, est 6 bbls to surf. Cmt fell. Pump 6 bbl "G" cmt down 1" string. Est. 2 bbl to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 137 jts. (6005')
 SET AT: 6014' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 295 sxs Premium modified mixed & 310 sxs class G
 CEMENT TOP AT: 484' per cement bond log (Schlumberger)

2850

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 195 jts
 TUBING ANCHOR: 5584'
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: EOT @ 5796' KB
 SN LANDED AT: 5765' KB

SUCKER RODS

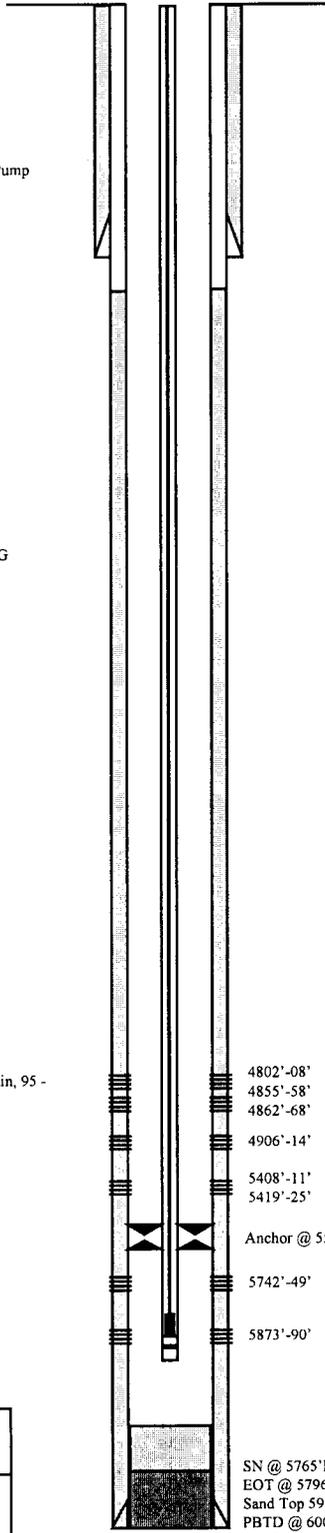
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4 - 1-1/2" wt rods, 4 - 3/4" scraped. 127 - 3/4" plain, 95 - 3/4" scraped.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC Pump
 STROKE LENGTH: 68"
 PUMP SPEED, SPM: 4 SPM
 LOGS: DIGL/SP/GR/CAL
 SDL/DSN/GR

FRAC JOB

11/12/98 5742'-5890' **Frac CP-0.5 & CP-2 sands as follows:**
 120,312# 20/40 sand in 603 bbls Viking I-25 fluid. Perfs broke back @ 3263 psi @ 18.5 BPM. Treated @ avg press of 1650 psi w/avg rate of 35 BPM. ISIP: 2400 psi, 5-min 2175 psi. Flowback on 12/64 choke for 4-1/2 hours and died.

11/14/98 5408'-5425' **Frac L.ODC sand as follows:**
 84,000# 20/40 sand in 451 bbls Viking I-25 fluid. Perfs broke back @ 2005 psi. Treated @ avg press of 2500 psi w/avg rate of 33 BPM. W/ sand on perfs pressure increased steadily. Rate was increased to 35 BPM and sand was cut @ blender @ 9#. Screened out w/8.6@ sand on perfs w/1332 gal left to flush. Est 74,200 # sand in perfs, 8,300 @ sand left in casing. ISIP: 3350 psi, 5-min 2450 psi. Flowback on 12/64 choke for 3-1/2 hours and died.

11/17/98 4803'-4914' **Frac D-S3, D-1 & D-2 sands as follows:**
 92,438# 20/40 sand in 518 bbls Viking I-25 fluid. Perfs broke back @ 3371 psi. Treated @ avg press of 3000 psi w/avg rate of 34 BPM w/sand on perfs pressure increased steadily. Rate was increased to 37 BPM & sand was cut @ blender @ 8.7#. A Full flush was achieved. ISIP: 3550 psi, 5-min 3371 psi. Flowback on 12/64 choke for 1 hour and died.



4802'-08'
 4855'-58'
 4862'-68'
 4906'-14'
 5408'-11'
 5419'-25'
 Anchor @ 5584' KB
 5742'-49'
 5873'-90'

PERFORATION RECORD

Date	Depth (KB)	Perforation Type	Holes
11/11/98	5742'-5749'	4 JSPF	28 holes
11/11/98	5873'-5890'	4 JSPF	68 holes
11/13/98	5408'-5411'	4 JSPF	12 holes
11/13/98	5419'-5425'	4 JSPF	24 holes
11/16/98	4803'-4808'	4 JSPF	20 holes
11/16/98	4855'-4858'	4 JSPF	12 holes
11/16/98	4862'-4868'	4 JSPF	24 holes
11/16/98	4906'-4914'	4 JSPF	32 holes

SN @ 5765' KB
 EOT @ 5796' KB
 Sand Top 5915' KB
 PBDT @ 6003' KB
 TD @ 6014' KB



Inland Resources Inc.

South Wells Draw #11-4-9-16

2067 FSL 1990 FWL
 NESW Section 4-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32104; Lease #UTU-77338

Balcron Monument Federal #14-4

Spud Date: 8-11-96
 Put on Production: 9-9-96
 GL: 5766' KB: 5776'

Initial Production: 33 BOPD, 0 MCFD
 0 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 JTS (253')
 DEPTH LANDED: 263'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sks Class "G" cmt, est ? bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts (5831.81)
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 270 sks Super G & 400 sks 50/50 Poz
 CEMENT TOP AT: 1100' *1155*
 SET AT: 5841'

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 159 (4946.35')
 TUBING ANCHOR: 2.80' @ 4953.35' KB
 2 Jts. Tubing 63.08'
 SN: @ 5022.23' KB
 Perf Sub: 4.20'
 1 jt Tubing 28.05'
 N.C.: 0.40'
 EOT: @ 5055.98' KB

SUCKER RODS

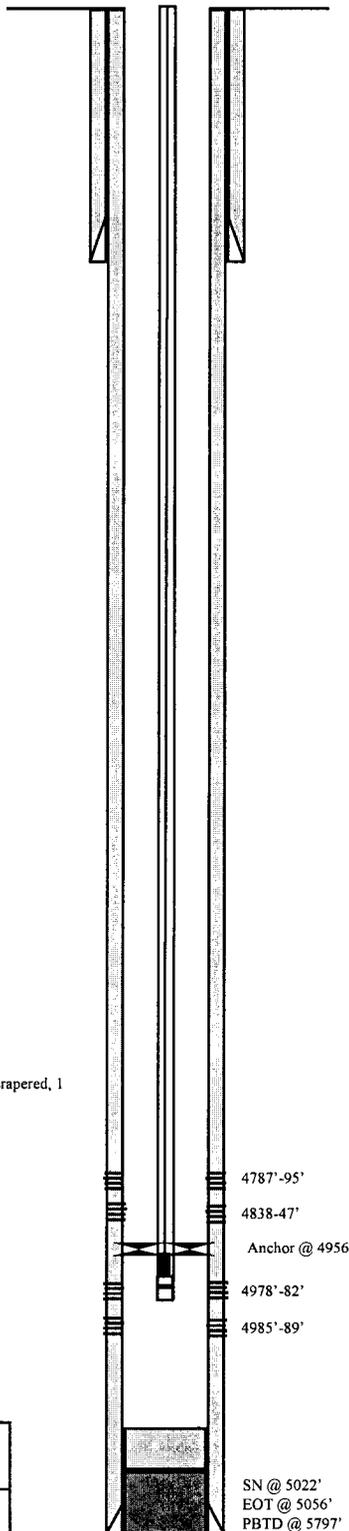
POLISHED ROD: 1-1/4"x22'
 SUCKER RODS: 1-6', 1-4'x3/4" pony rods, 190-3/4" plain, 8-3/4" scraped, 1-2' x 1" scraped pony, 1 - 1-1/2" weight rods, 1 - 2'x1" scraped.
 PUMP SIZE: 2-1/2"x1-3/4"x15' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4.5 SPM
 LOGS: DLL/GR, LDT/CNL

FRAC JOB

9-6-96 4978'-4989' 48,100# 16/30 sand, and 17,388 gals fluid.
 9-6-96 4787'-4847' 96,400# 16/30 sand, and 28,476 gals fluid.

PERFORATION RECORD

9-4-96 4985'-4989' 4 JSPF 16 holes
 9-4-96 4978'-4982' 4 JSPF 16 holes
 9-4-96 4838'-4847' 2 JSPF 18 holes
 9-4-96 4787'-4795' 2 JSPF 16 holes



4787'-95'
 4838-47'
 Anchor @ 4956'
 4978'-82'
 4985'-89'
 SN @ 5022'
 EOT @ 5056'
 PBTD @ 5797'
 TD @ 5850'

Inland Resources Inc.
Balcron Monument Federal #14-4
 719 FSL 607 FWL
 SWSW Section 4-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31666; Lease #U-73086

South Wells Draw #14A-4-9-16

Spud Date: 1/17/2000
 Put on Production: 7/13/2000
 GL: 5711' KB: 5721'

Initial Production: 75 BOPD,
 90 MCFD, 4 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (305.07')
 DEPTH LANDED: 316'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 141 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55 & N-80
 WEIGHT: 15.5# & 17.0#
 LENGTH: 144 jts (5861.96')
 DEPTH LANDED: 5859.76'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 280 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: Surface per CBL

400 &

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 182 jts (5658.64')
 TUBING ANCHOR: 5544'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5705'
 SN LANDED AT: 5578'

SUCKER RODS

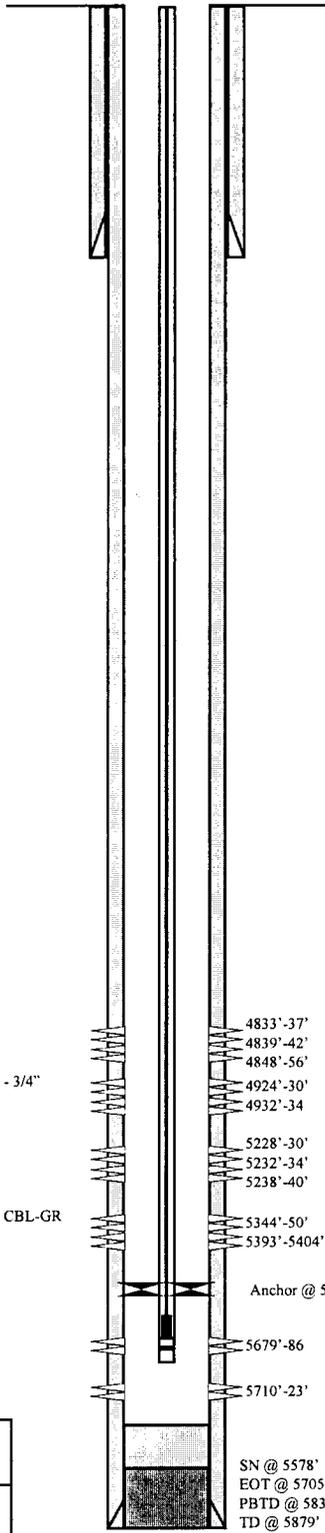
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-1-1/2"x25' weight bars, 10 -3/4" guided rods, 118 - 3/4" slick rods, 90 - 3/4" guided rods, 1 -3/4"x6' pony rod.
 PUMP SIZE: 2-1/2" x 1-1/2" RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 8 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

2/15/00 5679'-5723' **Frac CP sand as follows:**
 83,359# 20/40 sand in 487 bbls Viking I-25 fluid. Perfs broke down @ 3656 psi. Treated @ avg press of 1700 psi w/avg rate of 30 BPM. ISIP 2520 psi, 5 min 2392 psi.

2/15/00 5228'-5404' **Frac A/LDC sand as follows:**
 101,132# 20/40 sand in 578 bbls Viking I-25 fluid. Perfs broke down @ 3480 psi. Treated @ avg press of 2100 psi w/avg rate of 34 BPM. Had several small breaks & a large pressure break when bringing pumps up to rate. With approx 40 bbls left to flush, pressure was near maximum. Rate was decreased 25 BPM, then pressure dropped off approx 2000 psi & a full flush was achieved. ISIP 2380 psi, 5 min 2170 psi

2/15/00 4833'-4934' **Frac C/D sand as follows:**
 64,257# 20/40 sand in 332 bbls Viking I-25 fluid. Perfs broke down @ 2620 psi. Treated @ avg press of 2000 psi w/avg rate of 34 BPM. With 7# sand on perfs, pressure increased rapidly. Rate was increased & sand cut @ blender @ 8-1/2# but maximum pressure was reached before any flush water was pumped. Screened out with approx 38,257# sand in perfs and 25,000# sand left in csg.



PERFORATION RECORD

Date	Depth Range	Perforation Type	Number of Holes
2/15/00	5710'-5123'	4 JSPF	52 holes
2/15/00	5679'-5686'	4 JSPF	28 holes
2/15/00	5393'-5404'	4 JSPF	44 holes
2/15/00	5344'-5350'	4 JSPF	24 holes
2/15/00	5238'-5240'	4 JSPF	8 holes
2/15/00	5228'-5230'	4 JSPF	8 holes
2/15/00	5232'-5234'	4 JSPF	8 holes
2/16/00	4932'-4934'	4 JSPF	8 holes
2/16/00	4924'-4930'	4 JSPF	24 holes
2/16/00	4848'-4856'	4 JSPF	32 holes
2/16/00	4833'-4837'	4 JSPF	16 holes
2/16/00	4839'-4842'	4 JSPF	12 holes

SN @ 5578'
 EOT @ 5705'
 PBTD @ 5837'
 TD @ 5879'



Inland Resources Inc.

South Wells Draw #14A-4-9-16

731 FSL 2030 FWL
 SESW Section 4-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32107; Lease #UTU-64379

South Wells Draw #15-4-9-16

Spud Date: 1/25/2000
 Put on Injection: --/--/----
 GL: 5725' KB: 5735'

IP: BOPD; MCFD,
 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (319.75')
 DEPTH LANDED: 317.35'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 141 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE: J-55
 WEIGHT: 11.6#
 LENGTH: 132 jts. (5921.85')
 DEPTH LANDED: 5919.45'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sk Prem. Lite II mixed & 550 sxs 50/50 POZ.
 CEMENT TOP AT: Surface per CBL

4720

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: ? jts (?)
 PACKER: ?
 TOTAL STRING LENGTH: EOT @ ?'

SUCKER RODS

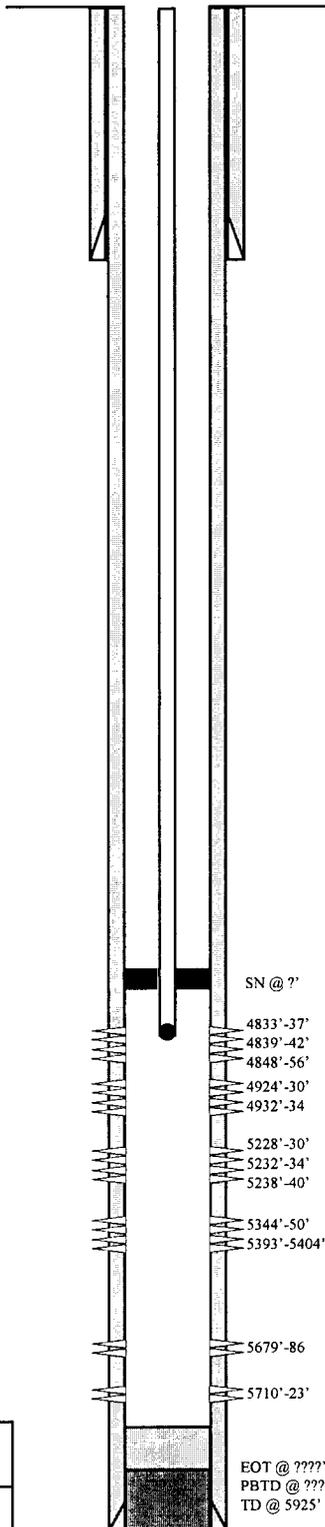
FRAC JOB

2/15/00 5679'-5723' **Frac CP sand as follows:**
 83,359# 20/40 sand in 487 bbls Viking I-25 fluid. Perfs broke dwn @ 3656 psi. Treated @ avg press of 1700 psi w/avg rate of 30 BPM. ISIP 2520 psi, 5 min 2392 psi.

2/15/00 5228'-5404' **Frac A/LDC sand as follows:**
 101,132# 20/40 sand in 578 bbls Viking I-25 fluid. Perfs broke down @ 3480 psi. Treated @ avg press of 2100 psi w/avg rate of 34 BPM. Had several small breaks & a large pressure break when bringing pumps up to rate. With approx 40 bbls left to flush, pressure was near maximum. Rate was decreased 25 BPM, then pressure dropped of approx 2000 psi & a full flush was achieved. ISIP 2380 psi, 5 min 2170 psi

2/15/00 4833'-4934' **Frac C/D sand as follows:**
 64,257# 20/40 sand in 332 bbls Viking I-25 fluid. Perfs broke down @ 2620 psi. Treated @ avg rpress of 2000 psi w/avg rate of 34 BPM. With 7# sand on perfs, pressure increased rapidly. Rate was increased & sand cut @ blender @ 8-1/2" but maximum pressure was reached before any flush water was pumped. Screened out with approx 38,257# sand in perfs and 25,000# sand left in csg.

Well has not been completed yet.



PERFORATION RECORD

Date	Depth Range	Tool	Holes
2/15/00	5710'-5123'	4 JSPF	52 holes
2/15/00	5679'-5686'	4 JSPF	28 holes
2/15/00	5393'-5404'	4 JSPF	44 holes
2/15/00	5344'-5350'	4 JSPF	24 holes
2/15/00	5238'-5240'	4 JSPF	8 holes
2/15/00	5228'-5230'	4 JSPF	8 holes
2/15/00	5232'-5234'	4 JSPF	8 holes
2/16/00	4932'-4934'	4 JSPF	8 holes
2/16/00	4924'-4930'	4 JSPF	24 holes
2/16/00	4848'-4856'	4 JSPF	32 holes
2/16/00	4833'-4837'	4 JSPF	16 holes
2/16/00	4839'-4842'	4 JSPF	12 holes



Inland Resources Inc.

South Wells Draw #15-4-9-16

709 FSL 1877 FEL

SWSE Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-32108; Lease #UTU-77338

EOT @ ????'
 PBTD @ ????'
 TD @ 5925'

Monument Federal #41-8-9-16

Spud Date: 3/20/96
 Put on Production: 3/29/96
 GL: 5811' KB: 5822'

Initial Production: 100 BOPD, 0 MCFD
 15 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 JTS
 DEPTH LANDED: 260'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts (5856.58')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx Super "G" & 350 sx Poz 50/50
 CEMENT TOP AT: 2335
 SET AT: 5919.18' KB

TUBING

SIZE/GRADE/AWT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 165
 TUBING ANCHOR: 4767.47'
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: 5315.10'
 SN LANDED AT: 5279.22'

SUCKER RODS

POLISHED ROD: 1-1/4"x22'
 SUCKER RODS: 1 - 1" x 2' pony w/2-1/2" guides, 1 - 1-1/2" x 25' K-Bar, 208 - 3/4" x 25' D-61 plain
 TOTAL ROD STRING LENGTH:
 PUMP NUMBER: Trico #1156
 PUMP SIZE: DHP, 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5 SPM
 LOGS: Litho-Density/CNL, DLL/GR, CBL

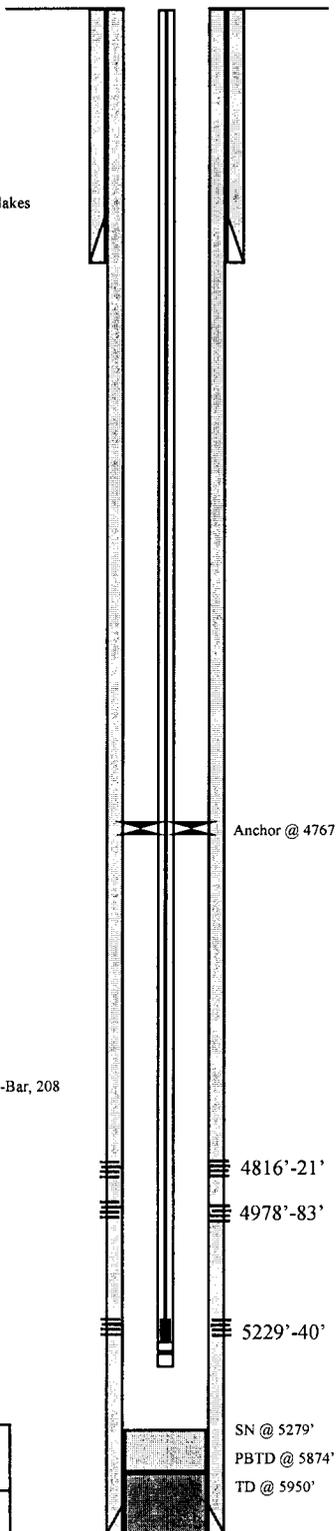
FRAC JOB

4-1-96 5229'-5240' Frac sand as follows:
 19,698 gals 2% KCL wtr, 26,280# 20/40 sand and 42,600# 16/30 sand. ATP: 2050 psi, ATR: 30.8 bpm, ISIP: 4400 psi, 5 min: 1690 psi, 10 min: 1410 psi, 15 min: 1320 psi. Used 469 bbls wtr. Screen out w/61,655# sand on formation.

4-4-96 4816'-4983' Frac sand as follows:
 18,942 gals 2% KCL gelled wtr and 60,100# 16/30 sd. ATP = 3700 psi, ATR = 34 bpm, ISIP = 5100 psi, 5 min: 1650 psi, 10 min: 1460 psi, 15 min: 1400 psi. Used 451 bbls wtr. Screen out w/51,207# sand on formation. Flow back 1 bpm. 1-1/2 hrs = 90 bbls flow back.

PERFORATION RECORD

3-27-96	5229'-5240'	4 JSPF	44 holes
4-3-96	4978'-4983'		7 holes
4-3-96	4816'-4821'		7 holes



Inland Resources Inc.

Monument Federal #41-8-9-16

806 FNL 605 FEL

NENE Section 8-T9S-R16E

Duchesne Co, Utah

API #43-013-31619; Lease #U-020255

Monument Federal #11-9-9-16

Spud Date: 3/20/96
 Put on Production: 4/16/96
 GL: 5756' KB: 5766' (10' KB)

Initial Production: 113 BOPD, 0 MCFD
 18 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 JTS - 288'
 DEPTH LANDED: 298' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5856.7'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: Lead - 265 sx Super "G", 47#/sx G + 3#/sx poz + 34#/sx BA-91 + 3% salt + 2% gel + 2#/sx Hi-seal2 + 1/4#/sx cello flake. Tail - 348 sx 50/50 poz + 2% gel + 1/4#/sx cello flake + 2#/sx Hi-seal2.
 CEMENT TOP AT: 1530' KB
 SET AT: 5866.7' KB

TUBING

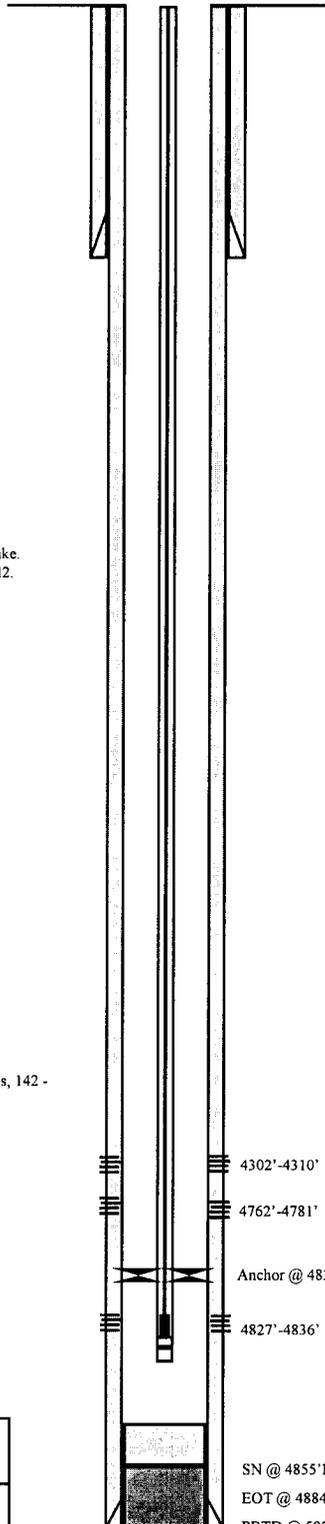
SIZE/GRADE/WT: 2-7/8", J-55, 6.5#
 NO. OF JOINTS: 152 jts.
 TUBING ANCHOR: 2.80' 4820.29' KB
 SEATING NIPPLE: 1.10'
 TOTAL STRING LENGTH: EOT @ 4883.57' KB
 SN LANDED AT: 4855.12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod
 SUCKER RODS: 2 - 6', 1 - 4'x3/4" pony rods, 40 - 3/4" scraped rods, 142 - 3/4" plain rods, 10 - 3/4" scraped rods, 1 - 1-1/2" weight rod.
 TOTAL ROD STRING LENGTH: 4863'
 PUMP NUMBER:
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC pump.
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 4 SPM
 LOGS: DLL, CNL/Litho-Density, CBL/GR

FRAC JOB

3/28/96	4827'-4836'	Acid job/Breakdown: 1000 gals 15% HCl & 1394 gals wtr. ATP = 2000 psi, ATR = 3.8 bpm, ISIP = 1400 psi.
	4762'-4781'	1000 gals 15% HCl & 1394 gals wtr. ATP = 2000 psi, ATR = 3.8 bpm, ISIP = 1400 psi.
4/01/96	4762'-4836'	Frac sand as follows: 33,180 gals 2% KCl wtr & 110,000# 16/30 sand. ATP = 3800 psi, ATR = 35.5 bpm, ISIP = 3500 psi, 5 min = 1410 psi, 10 min = 1350 psi, 15 min = 1290 psi, 30 min = 1180 psi.
9/17/93	4780'-4796'	Acid job/Breakdown: Balled out. ATP = 2500 psi, ATR = 8 bpm. Frac sand as follows: 20,000# 16/30 sand w/443 bbls gelled KCL wtr. ATP = 2000 psi, ATR = 20 bpm, ISIP = 1760 psi, 15 min = 1500 psi.



PERFORATION RECORD

3-28-96	4762'-4781'	8 holes
3-28-96	4827'-4836'	6 holes
4-03-96	4302'-4310'	4 ISPF 32 holes

4302'-4310'
 4762'-4781'
 Anchor @ 4820'
 4827'-4836'
 SN @ 4855' KB
 EOT @ 4884' KB
 PBTD @ 5822' KB
 TD @ 5867' KB



Inland Resources Inc.
Monument Federal #11-9-9-16
 674 FNL 668 FWL
 NWNW Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31618; Lease #U-020254

**ATTACHMENT F
WATER ANALYSIS**

WE WERE UNABLE TO DO A WATER ANALYSIS – THIS WELL HAS BEEN SHUT IN WHILE AWAITING CONVERSION, AND NO WATER WAS AVAILABLE.

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

Attachment F-1

WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 1-27-00

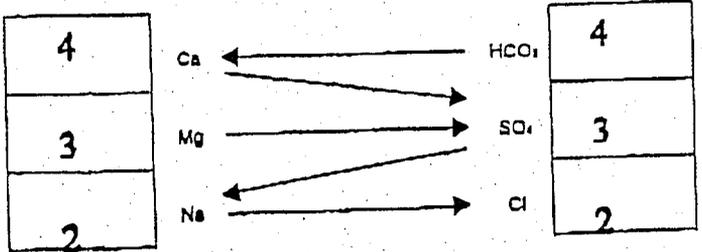
Source JOHNSON Date Sampled 1-26-00 Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	<u>7.4</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>600</u>	
5. Alkalinity (CaCO ₃)		<u>0</u>	+ 30 <u>0</u>
6. Bicarbonate (HCO ₃)		<u>240</u>	+ 81 <u>4</u>
7. Hydroxyl (OH)		<u>0</u>	+ 17 <u>0</u>
8. Chlorides (Cl)		<u>71</u>	+ 35.5 <u>2</u>
9. Sulfates (SO ₄)		<u>130</u>	+ 48 <u>3</u>
10. Calcium (Ca)		<u>72</u>	+ 20 <u>4</u>
11. Magnesium (Mg)		<u>41</u>	+ 12.2 <u>3</u>
12. Total Hardness (CaCO ₃)		<u>350</u>	
13. Total Iron (Fe)		<u>0.6</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	11.04	<u>4</u>			<u>324</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19	<u>3</u>			<u>181</u>
MgCl ₂	47.62				
NaHCO ₃	84.00				
Na ₂ SO ₄	71.03				
NaCl	58.46	<u>2</u>			<u>117</u>



Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84088

Office (435) 722-5086
Fax (435) 722-5727

Attachment F-2

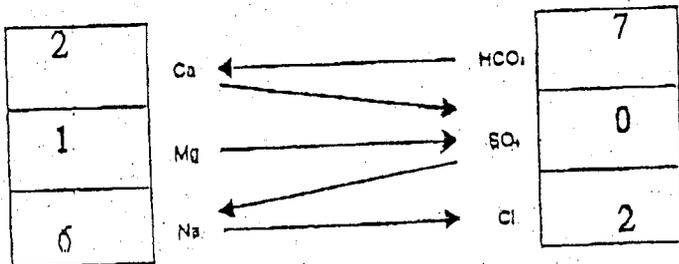
WATER ANALYSIS REPORT

Company INLAND PRODUCTION Address _____ Date 8-25-99
Source MBIF Date Sampled 8-25-99 Analysis No. _____

	Analysis	mg/l(ppm)	*Mg/l
1. PH	<u>8.0</u>		
2. H ₂ S (Qualitative)	<u>0</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>688</u>	
5. Alkalinity (CaCO ₃)		<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>430</u>	+ 61 <u>7</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>71</u>	+ 35.5 <u>2</u> Cl
9. Sulfates (SO ₄)		<u>0</u>	+ 48 <u>0</u> SO ₄
10. Calcium (Ca)		<u>40</u>	+ 20 <u>2</u> Ca
11. Magnesium (Mg)		<u>12</u>	+ 12.2 <u>1</u> Mg
12. Total Hardness (CaCO ₃)		<u>150</u>	
13. Total Iron (Fe)		<u>13</u>	
14. Manganese		<u>0</u>	
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Saturation Values

CaCO₃

CaSO₄ · 2H₂O

MgCO₃

Distilled Water 20°C

13 Mg/l

2,090 Mg/l

103 Mg/l

Compound	Eqvly. Wt.	X	Mg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50	<u>1</u>			<u>73</u>
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62	<u>4</u>			<u>336</u>
NaHCO ₃	84.00				
Na ₂ SO ₄	71.03	<u>2</u>			<u>117</u>
NaCl	58.46				

REMARKS _____

Attachment "G"

**Balcron Federal #21-9Y-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5349	5359	5354	2582	0.915	2568
4780	4796	4788	1760	0.801	1747
				Minimum	<u>1747</u>

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 * 1.005)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.005.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 * \text{Avg. Depth})) / \text{Avg. Depth}$

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #21-9Y

Location: NE NW Section 9, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

9-9-93 Completion
Circ hole clean w/160 of 2% wtr. TOOH w/197 jts 2-7/8" tbg, scraper & bit. RU Schlumberger to perforate 5349'-59' 2 SPF. RD Schlumberger, TIH w/5-1/2" packer & 170 jt of tbg, set packer @ 5261'KB. RU Western to do break down. Pressure test surface equipment to 400 psig. Start break down, initial break @ 3400 psig, back to 1800 @ 3.8 BPM. Start ball, 2 balls/BOW. Ball off, surge balls back, pump for rate 37 BPM @ 2500 spig, ISIP 2200. RD Western. RU to swab, flow back 12 BOW, make 4 swab runs, swab back 24 BOW. Last run w/trace of oil. Unset packer & TOH w/tbg & packer. SWI. Load used today - 60 BOW, load flowed & swabbed back - 36 BOW. Load to recover 24 BOW.
DC: \$5,072

9-13-93 Completion
CP - 20 psig. RU Dowell to frac. Pressure test surfaceequipment to 4500 psig - OK.

Start Pad	Max. Press (2750')	Max Rate (20.1)	171 bbls
Sand 1# 16/30	2875 psig	20.1 BPM	29.9 bbls
3# 16/30	2870 psig	20.2 BPM	32.5 bbls
6# 16/30	2750 psig	20.1 BPM	57.7 bbls
8# 16/30	2255 psig	20.1 BPM	97.6 bbls
Flush	3000 psig	20.1 BPM	44 bbls

Screened out.
ISIP 2582 psig, 5 min 2280 psig, 10 min 2032 psig, 15 min 1826 psig. Load to recover 429 BOW.
See Treatment Report attached - 3 pages.
DC: \$22,223

9-14-93 Completion.
CP - 400 psig, TIH w/1 jt 2-7/8" tbg, 5-1/2" packer & 113 jts 2-7/8" tbg. Tag sand fill @ 4377' KB. Circ sand out to 5459' KB. TOOH 5260 set packer.
DC: \$19,530

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #21-9Y

Location: NE NW Section 9, T9S, R16E
Duchesne County, Utah

---TIGHT HOLE---

9-16-93 Completion
CP - 0. TP - 100 psig. Tag fluid @ 3000' from surface. made 3 swab runs, swabbed down to 4500', 30% swab back 12 bbls. Release packer. TIH, tag sand @ 5395' KB. Circ well clean to 6112', TOH w/tbg & pzcker. RU Schlumberger to perf, 4780'82', ~~4805'~~^{4882'}-96' KB 2 SPF. RD Schlumberger. TIH w/BP, 1 jt 2-7/8" tbg, 5-1/2" packer, seat nipple & 10 stds of 2-7/8" tbg. SWIFN.
DC: \$5,056

9-17-93 Completion
TIH w/BP 1 jt 2-7/8" tbg, 1 Model-3 packer, SN & 2-7/8" tbg, set BP @ 4931' KB, POOH to 4709 KB set packer, EOT landed @ 4749' KB. Pressure BP - OK. RU Dowell to breakdown. Pressure test surface equipment t 6700 psig - OK. Start breakdown, initial break 2600 back to 1600 @ 5 BPM. Start balls, 2 balls/bbl. Ball off, max pressure 4245 psi, surge balls back. Pump for rate, 8 BPM @ 2500 psi ISIP. Unset packer, run packer across perfs to knock ball off. TOOH w/tbg, SN, packer 1 jt 2-7/8" tg & BP retrieving tool. Pressure test surface equipment to 3500 psig - OK. Start pad 171 BOW, max psi 2080, max rate 20.2 BPM.

	<u>Max psi</u>	<u>Max Rate</u>	<u>BOS</u>
1# 16/30	2	20.2	30
3# 16/30		20.1	60
6# 16/30		20.1	58
8# 16/30		20.1	98
Flush		20.1	120

Load to recover 521 BOW. See Well Treatment Report Attached - 1 pg.

DC: \$18,502

9-18-93 Completion
CP 100 psig. Flow back 10 BOW. TIH w/retrieving tool, 1 jt 2-7/8" tbg, packer, SN & 153 jts 2-7/8" tbg. Tag sand fill @ 4650'. Circ, clean to BP @ 4931', set packer @ 4709'. made 29 swab runs, recovered 146 BOW. Last 3 runs 15% oil. SDFN. Load to recover 375 BOW.
DC: \$1,504

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 160' plug from 5249'-5409' with 30 sx Class "G" cement.
2. Plug #2 Set 166' plug from 4680'-4846' with 30 sx Class "G" cement.
3. Plug #3 Set 200' plug from 2000'-2200' with 30 sx Class "G" cement.
4. Plug #4 Set 100' plug from 225'-325' (50' on either side of casing shoe) with 15 sx Class "G" cement.
5. Plug #5 Set 50' plug from surface with 10 sx Class "G" cement.
6. Pump 10 sx Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 275' to surface.

The approximate cost to plug and abandon this well is \$18,000.

Balcron Federal #21-9Y

Spud Date: 8/23/93
Put on Production: 9/30/93
GL: 5747' KB: 5753'

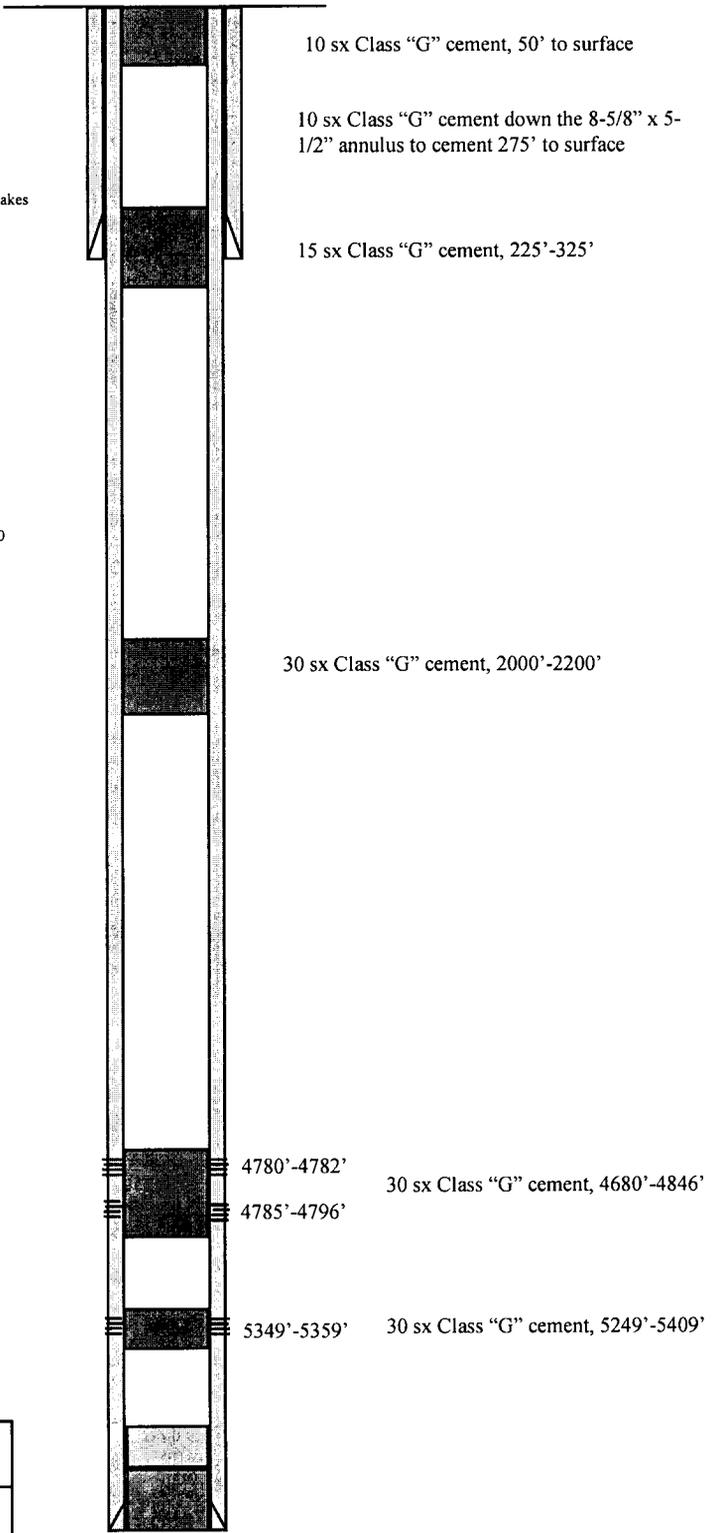
Proposed P & A
Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 JTS - 266.25'
DEPTH LANDED: 275' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sx Class "G" cmt w/2% CaCl & 1/4#/sx cello flakes

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6154.48'
HOLE SIZE: 7-7/8"
CEMENT DATA: 188 sx "G" w/4% thifty lite. Tail w/125 sx 50/50 POZ.
CEMENT TOP AT: 2946' KB
SET AT: 6162.48' KB



 **Inland Resources Inc.**
Balcron Federal #21-9Y
 476 FNL 2051 FWL
 NENW Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31396; Lease #U-65207

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well [X] Oil Well [] Gas well [] Other
2. Name of Operator Inland Production Co.
3. Address and Telephone No. (303) 893-0102 410 Seventeenth Street, Suite 700 Denver, CO 80202
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE/NW 476' fnl, 2051' fwl Sec. 9, T9S, R16E

5. Lease Designation and Serial No. U-65207
6. If Indian, Allottee or Tribe Name NA
7. If unit or CA, Agreement Designation
8. Well Name and No. Balcron Fed 21-9Y
9. API Well No. 43-013-31396
10. Field and Pool, or Exploratory Area Monument Butte
11. County or Parish, State Duchesne

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION: [X] Notice of Intent, [] Subsequent Report, [] Final Abandonment Notice
TYPE OF ACTION: [] Abandonment, [] Recompletion, [] Plugging Back, [] Casing repair, [] Altering Casing, [] Other, [] Change of Plans, [] New Construction, [] Non-Routine Fracturing, [] Water Shut-off, [X] Conversion to Injection, [] Dispose Water

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).

Please see attached injection application.

14. I hereby certify that the foregoing is true and correct
Signed: Joyce I. McGough Title: Regulatory Specialist Date: 1/11/01

(This space of 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 to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Facsimile Cover Sheet

To: Brad Hill
 Company: State DOGIM
 Phone #: 1-801-538-5315
 Fax #: 1-801-359-3940

From: Krishna Russell
 Company: **Inland Production Company**

Phone: (435) 646-3721 Ext.106
 Fax: (435) 646-3031

Date: 10-9-01

Pages Including this cover page: 4

Comments:

George Rinny asked that I fax this to
you.
Krishna

RECEIVED

OCT 09 2001

DIVISION OF
OIL, GAS AND MINING

UT-001-103
A 75, 1097

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINES

Sundry Notices and Reports on Wells

Use only this form for reports of production, production history, or a different version of a well that is not reported on the previous report.

NO GAS
ALL WELL OR Injection

NAME OF OPERATOR
INLAND PRODUCTION COMPANY

ADDRESS OF OPERATOR
P.O. Box 3610, Milton Utah 84051
115-116-3/21

LOCALITY OF WELL (Report to and file with appropriate agency)
NE/NW Section 9, T09S R16E
476 ENL 2051 ENL

1. CASE DESIGNATION AND SERIAL NO
UTU-65267

2. INDIAN ALLOTTEE OR TRIBAL NAME
N/A

7. UNIT ASSIGNMENT NAME
SO WELLS DRAW

8. FARM OR TRACT NAME
FEDERAL 21-9Y-9-16

9. WELL NO.
FEDERAL 21-9Y-9-16

10. FIELD AND POOL OR WELDCAT
MONUMENT BUTTE

11. SEC. T. R. M. OR BLM AND SURVEY OR AREA
NE/NW Section 9, T09S R16E

14. WELL NUMBER
03-013-21396

15. WELL STATUS (Check one)
57-17 GR

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UT

16. Check appropriate box (Indicate Name of Notice, Report, or Other Data)

TYPE OF NOTIFICATION TO:

OWNER NEIGHBORHOOD
 FEDERAL STATE
 MINERAL SURFACE
 OTHER

SUBSEQUENT REPORT OF:

WELL SHUT OFF REPAIRING WELL
 LEAKY WELL TREATMENT ALTERING CASING
 STOPPING OR MODERING ABANDONMENT
 OTHER Injection Conversion

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

17. USE ONLY FOR PRODUCTION OR COMPLETION OPERATIONS (If only state all pertinent details, and specify dates including estimated date of starting any operations. If well is discontinuously drilled, provide separate notices and reports and not varied depths for all meters and times pertinent to the work.)

The subject well was converted from a producing to an injection well on 9/28/01. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly @ 4194'. Mr. Dennis Ingram was contacted of the intent to conduct a MTT on the casing. On 10/4/01 the casing was pressured to 1150 psi with no pressure loss charted in the 1/2 hour test. Mr. Dennis Ingram was there to witness the test. Dennis Ingram gave approval to start injecting.

18. I hereby certify that the data on this report is true and correct.
Busha Russell TITLE: Production Clerk DATE: 10/4/01

19. APPROVAL BY: _____ TITLE: _____ DATE: _____
SUPERVISOR OR APPROVAL OFFICER

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

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

Witness: Pennis Lujan Date 10/4/01 Time 9:00 (am) pm
Test Conducted by: Brent Cook
Others Present: _____

Well: Balsam Fed 21-4P-9-16 Field: SWD
Well Location: _____ API No: U-65207
43-013-31896

Time	Casing Pressure	
0 min	<u>1150</u>	psig
5	<u>1150</u>	psig
10	<u>1150</u>	psig
15	<u>1150</u>	psig
20	<u>1150</u>	psig
25	<u>1150</u>	psig
30 min	<u>1150</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 80 psig

Result: Pass Fail

Signature of Witness: Pennis Lujan

Signature of Person Conducting Test: Brent Cook

Mechanical Integrity Test Casing - Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Dennis Ingram Date 10/4/01 Time 9:00 (am) pm

Test Conducted by: Brent Cook

Others Present: _____

Well: <u>Balcon fed 21-94-9-16</u>	Field: <u>SWD</u>
Well Location:	API No: <u>U-65207</u> <u>43-013-31396</u>

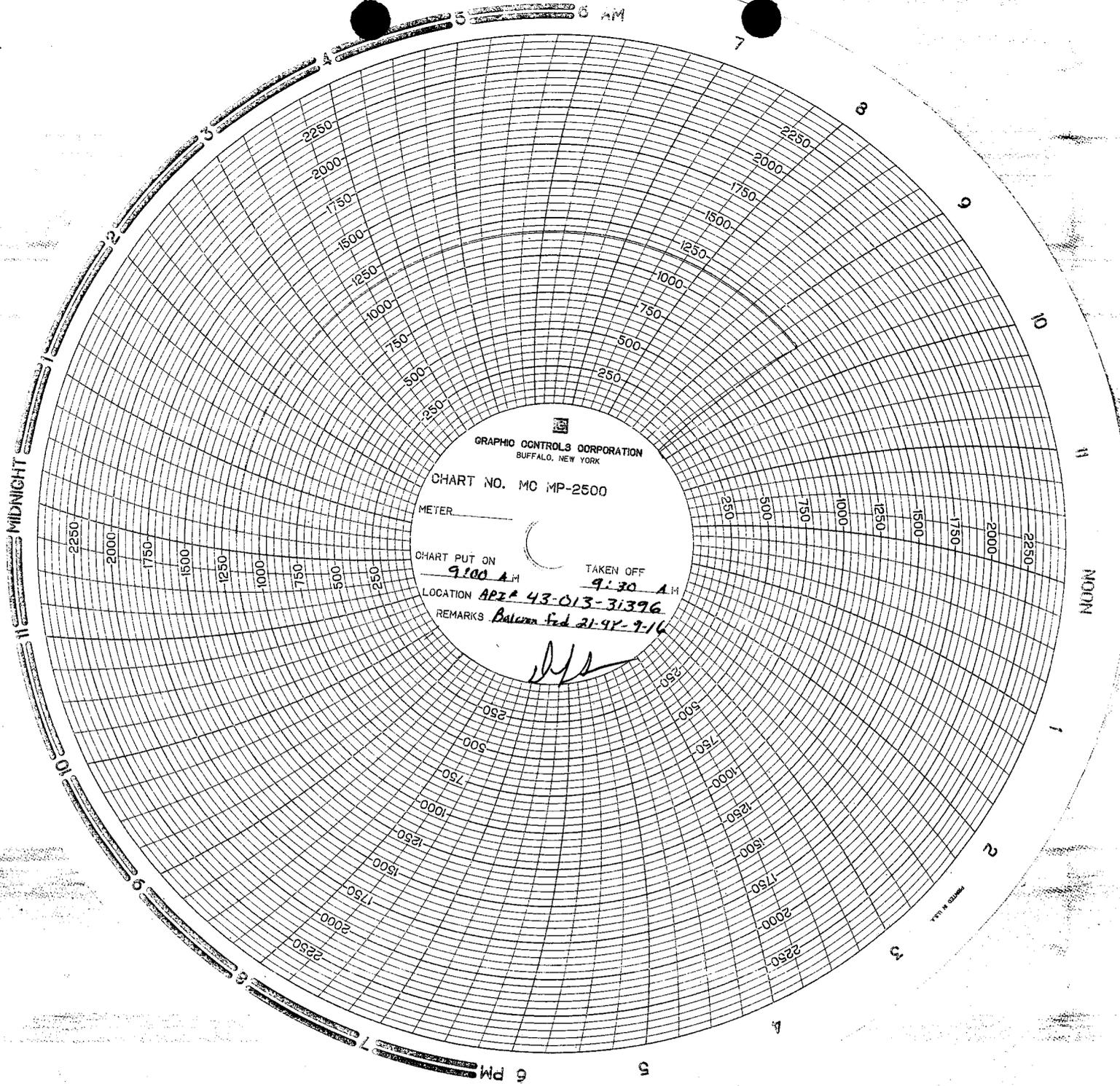
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1150</u>	psig
5	<u>1150</u>	psig
10	<u>1150</u>	psig
15	<u>1150</u>	psig
20	<u>1150</u>	psig
25	<u>1150</u>	psig
30 min	<u>1150</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 80 psig

Result: Pass Fail

Signature of Witness: Dennis Ingram

Signature of Person Conducting Test: Brent Cook



5 AM

MIDNIGHT

11

NOON

6 PM

GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC MP-2500

METER _____

CHART PUT ON

9:00 A.M.

TAKEN OFF

9:30 A.M.

LOCATION

APZ # 43-013-31396

REMARKS

Balance Fed 21-92-9-16

[Handwritten Signature]

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** South Wells Draw 21-9Y-9-16

Location: 9/9S/16E **API:** 43-013-31396

Ownership Issues: The proposed well is located on BLM land. The well is located in the South Wells Draw Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah(SITLA). The Federal Government and SITLA are the mineral owners within the area of review. Inland and other various individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the South Wells Draw Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 275 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6162. The available cement bond log does not demonstrate adequate bond in this well. A radioactive tracer survey will be run to verify that injection water is confined to the approved injection zone. A 2 7/8 inch tubing with a packer will be set at 4687 feet. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 1200 feet. Injection shall be limited to the interval between 4780 feet and 5359 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 21-9Y-9-16 well is .801 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1747 psig. The requested maximum pressure is 1747 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

South Wells Draw 21-9Y-9-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the South Wells Draw Unit July 16, 2001. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill

Date 10/09/2001



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

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. 231-04

Operator: Inland Production Company
Well: S. Wells Draw 21-9Y-9-16
Location: Section 9, Township 9 South, Range 16 East, Duchesne County
API No.: 43-013-31396
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on October 9, 2001.
2. Maximum Allowable Injection Pressure: 1747 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4780 feet - 5359 feet)
5. A radioactive tracer survey shall be run on this well as soon as the well pressures up to 500psi at the wellhead.

Approved by:


John R. Baza
Associate Director

10/9/2001

Date

cc: Dan Jackson Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton



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

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1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

October 9, 2001

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: South Wells Draw Unit Well: Balcron Federal 21-9Y-9-16, Section 9, Township 9
South, Range 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton



PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

October 4, 2001

Mr. Dan Jarvis
State of Utah, DOGM
1594 West North Temple -- Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion
South Wells Draw 21-9Y-9-16
Sec.9, T9S, R16E
API # 43-013-31396

Dear Mr. Dan Jarvis,

Please find enclosed the sundry, tabular and a copy of the chart on the South Wells Draw 21-9Y-9-16. The subject well was placed from a producing to an injection well. If you have any questions please let me know.

Sincerely,

Krishna Russell
Production Clerk

RECEIVED

OCT 04 2001

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)</small>		5. LEASE DESIGNATION AND SERIAL NO. UTU-65207	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		7. UNIT AGREEMENT NAME SO WELLS DRAW	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		8. FARM OR LEASE NAME FEDERAL 21-9Y-9-16	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/NW Section 9, T09S R16E 476 FNL 2051 FWL		9. WELL NO. FEDERAL 21-9Y-9-16	
14. API NUMBER 43-013-31396		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5747 GR	
12. COUNTY OR PARISH DUCHESNE		13. STATE UT	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> Injection Conversion	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>	

17 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.)*

The subject well was converted from a producing to an injection well on 9/28/01. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly @ 4194'. Mr. Dennis Ingram was contacted of the intent to conduct a MIT on the casing. On 10/4/01 the casing was pressured to 1150 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Dennis Ingram was there to witness the test. **Dennis Ingram gave approval to start injecting.**

RECEIVED

OCT 05 2001

DIVISION OF
OIL, GAS AND MINING

18 I hereby certify that the foregoing is true and correct

SIGNED Krisha Russell TITLE Production Clerk DATE 10/4/01
Krisha Russell

cc: BLM
(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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

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

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

476 FNL 2051 FWL NE/NW Section 9, T09S R16E

5. Lease Designation and Serial No.

UTU-65207

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA. Agreement Designation

S. WELLS DRAW

8. Well Name and No.

FEDERAL 21-9Y-9-16

9. API Well No.

43-013-31396

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT

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 **Report of first injection**
 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.)

The above referenced well was put on injection at 11:00 a.m. on 10/12/01.

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

Signed

Handwritten signature

Title

Permit Clerk

Date

10/12/01

CC: UTAH DOGM

(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



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: <u>Inland Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: <u>(303) 893-0102</u>	Date: <u>9/15/2004</u>
Comments:	

NEW OPERATOR

Company: <u>Newfield Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: _____	Date: <u>9/15/2004</u>
Comments:	

(This space for State use only)

Transfer approved by: *A. Stewart* Approval Date: 9-20-04
Title: Tech. Services Manager

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
S WELLS DRAW 15-34-8-16	34	080S	160E	4301331670	13269	Federal	WI	A
CASTLE PEAK 1-3	03	090S	160E	4301330639	13269	Federal	WI	A
S WELLS DRAW 4-3-9-16	03	090S	160E	4301332096	13269	Federal	OW	P
BALCRON MON FED 14-4	04	090S	160E	4301331666	13269	Federal	WI	A
MON FED 13-4-9-16	04	090S	160E	4301331716	13269	Federal	OW	P
CASTLE PEAK 9R	05	090S	160E	4301315787	99998	Federal	NA	PA
MON FED 41-8-9-16	08	090S	160E	4301331619	13269	Federal	WI	A
MON FED 31-8-9-16	08	090S	160E	4301331721	13269	Federal	OW	P
FEDERAL 21-9Y	09	090S	160E	4301331396	13269	Federal	WI	A
MON FED 11-9-9-16	09	090S	160E	4301331618	13269	Federal	OW	P
S WELLS DRAW 9-9-9-16	09	090S	160E	4301332043	13269	Federal	WI	A
S WELLS DRAW 16-9-9-16	09	090S	160E	4301332044	13269	Federal	OW	P
CASTLE PK FED 24-10A	10	090S	160E	4301330555	13269	Federal	OW	P
MON FED 33-10-9-16	10	090S	160E	4301331722	13269	Federal	OW	P
MON FED 43-10-9-16	10	090S	160E	4301331723	13269	Federal	WI	A
S WELLS DRAW 2-10-9-16	10	090S	160E	4301331774	13269	Federal	OW	P
S WELLS DRAW 5-10-9-16	10	090S	160E	4301331811	13269	Federal	WI	A
S WELLS DRAW 6-10-9-16	10	090S	160E	4301332041	13269	Federal	OW	P
S WELLS DRAW 7-10-9-16	10	090S	160E	4301332042	13269	Federal	WI	A
S WELLS DRAW 11-10-9-16	10	090S	160E	4301332045	13269	Federal	WI	A
S WELLS DRAW 12-10-9-16	10	090S	160E	4301332046	13269	Federal	OW	P
S WELLS DRAW 13-10-9-16	10	090S	160E	4301332047	13269	Federal	OW	S

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 DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-65207
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 21-9Y
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013313960000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0476 FNL 2051 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 09 Township: 09.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/23/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input style="width: 50px;" type="text" value="5 YR MIT"/>

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

On 08/22/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 08/23/2011 the casing was pressured up to 1255 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 16 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/25/2011	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: Dennis Ingram Date 8/23/11 Time 11:00 (am) pm
Test Conducted by: Eric Park
Others Present: _____

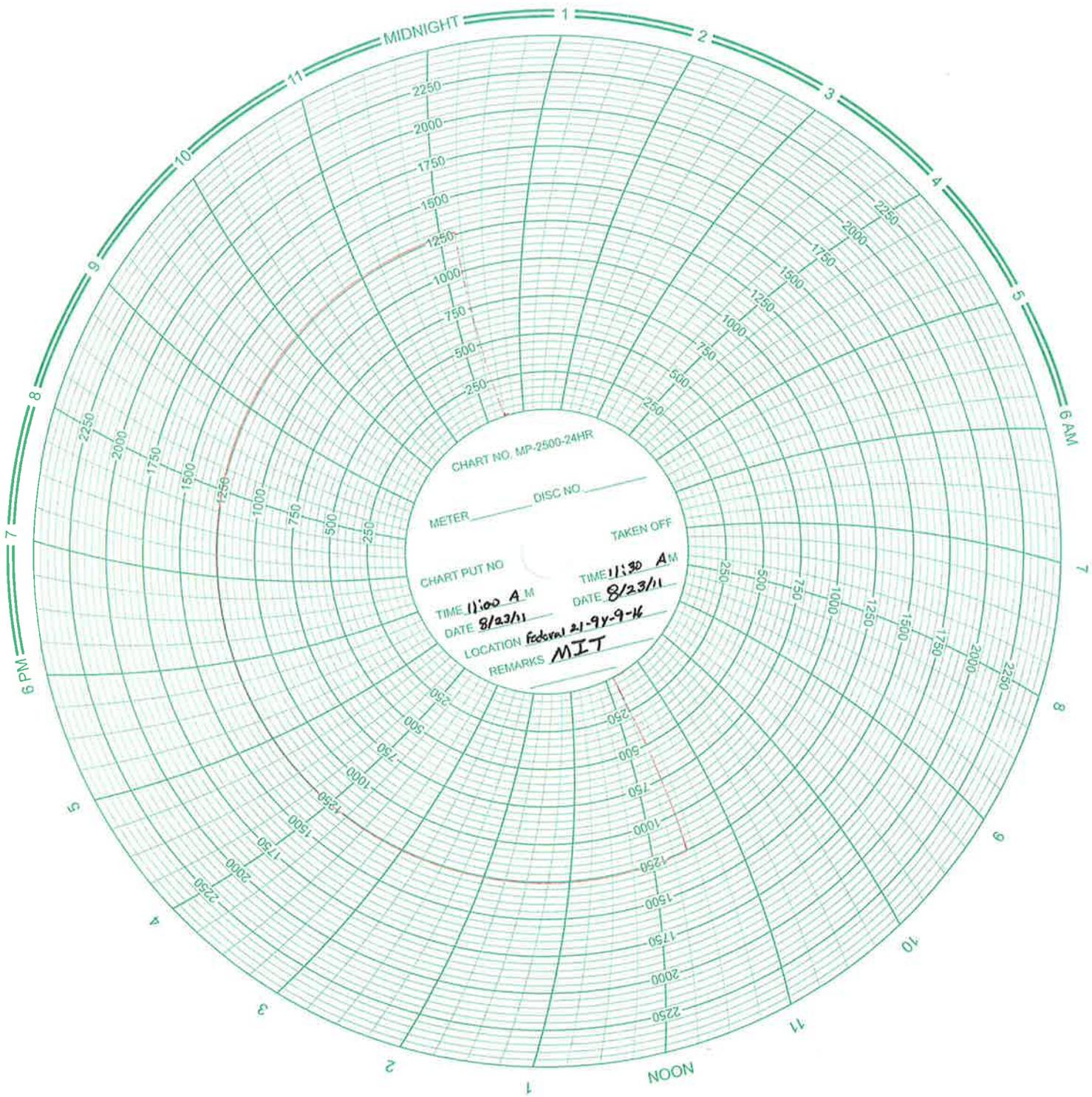
Well: Federal 21-9Y-9-16 Field: Moument + Butte
Well Location: NE/NW Section 9, T9S, R16E API No: 43-013-31396

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1255</u>	psig
5	<u>1255</u>	psig
10	<u>1255</u>	psig
15	<u>1255</u>	psig
20	<u>1255</u>	psig
25	<u>1255</u>	psig
30 min	<u>1255</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1616 psig

Result: Pass Fail

Signature of Witness: Dennis Ingram
Signature of Person Conducting Test: Eric A. Park



South Wells Draw #21-9Y-9-16

Spud Date: 8/23/93
 Put on Production: 9/30/93
 GI: 5747' KB: 5753'

Initial Production: 50 BOPD, 75 MCFD
 20 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 FTS - 266.25'
 DEPTH LANDED: 275' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sx Class "G" cement w 2% CaCl & 1.4# sx cello flakes

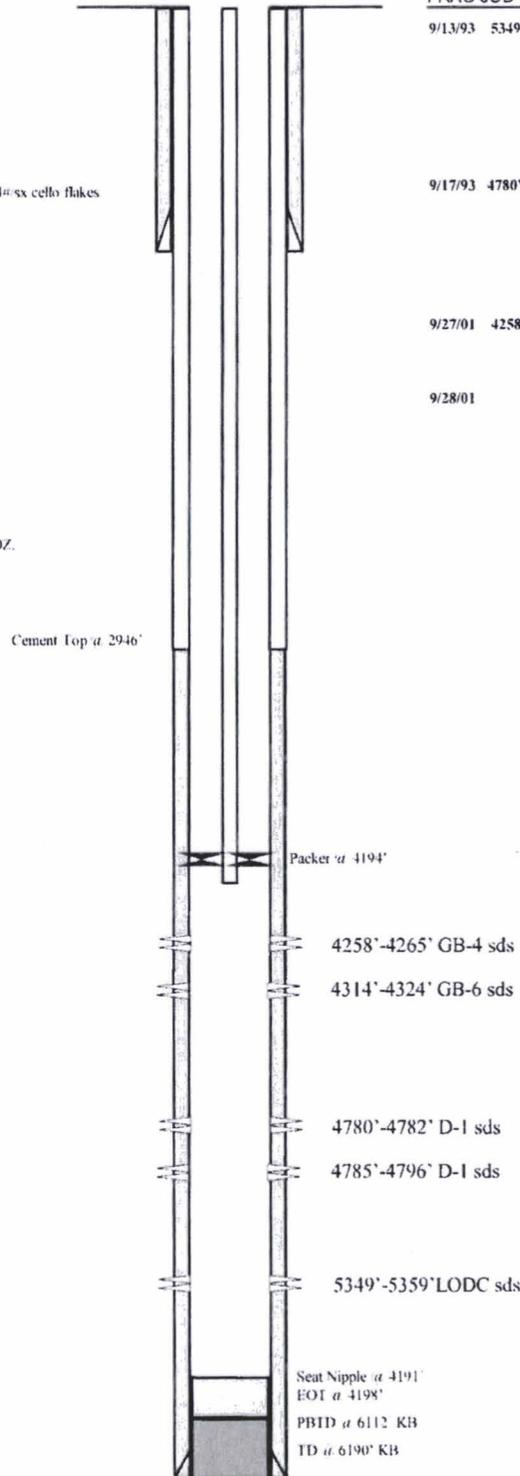
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 6154.48'
 SET AT: 6162.48' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 188 sx Class "G" & 125 sx 50/50 POZ.
 CEMENT TOP AT: 2946' KB

TUBING

SIZE GRADE WT: 2-7/8", J-55, 6.5#
 NO OF JOINTS: 135 (4190.16')
 SN LANDED AT: 4191.26' KB
 TUBING PACKER: 4194.27'
 TOTAL STRING LENGTH: 4198.57'

Wellbore Diagram



FRAC JOB

9/13/93 5349'-5359' **Acid job/Breakdown:**
 ATP = 2500 psi, ATR = 3.8 bpm, ISIP = 2200 psi
Frac sand as follows:
 42,329# 16/30 sand w 402 bbls gelled KCl
 wtr. ISIP = 2582 psi, 5 min = 2280 psi, 10 min = 2032 psi, 15 min = 1826 psi

9/17/93 4780'-4796' **Acid job/Breakdown:**
 Balled out. ATP = 2500 psi, ATR = 8 bpm
Frac sand as follows:
 20,000# 16/30 sand w 443 bbls gelled KCl
 wtr. ATP = 2000 psi, ATR = 20 bpm, ISIP = 1760 psi, 15 min = 1500 psi

9/27/01 4258'-4324' **Breakdown as follows:**
 Pressure up to 2700 psi, broke back to 1500 psi @ 1.25 BPM, ISIP 1500 psi.

9/28/01
 Convert to injector well. Ready for MIT

PERFORATION RECORD

Date	Interval	Type	Holes
9-9-93	5349'-5359'	2 JSPF	20 holes
9-16-93	4780'-4782'	2 JSPF	4 holes
9-16-93	4785'-4796'	2 JSPF	22 holes
9-27-01	4314'-4324'	4 JSPF	40 holes
9-27-01	4258'-4265'	4 JSPF	32 holes

NEWFIELD

Baleron Federal #21-9Y-9-16
 476 FNL & 2051 FWL
 NENW Section 9-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31396; Lease #U-65207

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-65207
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: FEDERAL 21-9Y
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013313960000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0476 FNL 2051 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 09 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/21/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

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

On 07/18/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 07/21/2016 the casing was pressured up to 1275 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1673 psig during the test. There was a State representative available to witness the test - Mark Reinbold.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
July 26, 2016**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/25/2016	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 7/21/16 Time 8:15 am pm
Test Conducted by: INAKI LASA
Others Present: _____

Well: BALCROM FEDERAL 21-94-9-16 **Field:** Monument Butte
NE/4 SEC 9, T9S, R16E
U-6S 207 **Well Location:** UTU 87538X
Duchesne county, UTAH **API No:** 4301331396

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>0</u>	psig
5	<u>1,275</u>	psig
10	<u>1,275</u>	psig
15	<u>1,275</u>	psig
20	_____	psig
25	_____	psig
30 min	_____	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1,673 psig

Result: Pass Fail

Signature of Witness: [Signature]
Signature of Person Conducting Test: Inaki Lasas

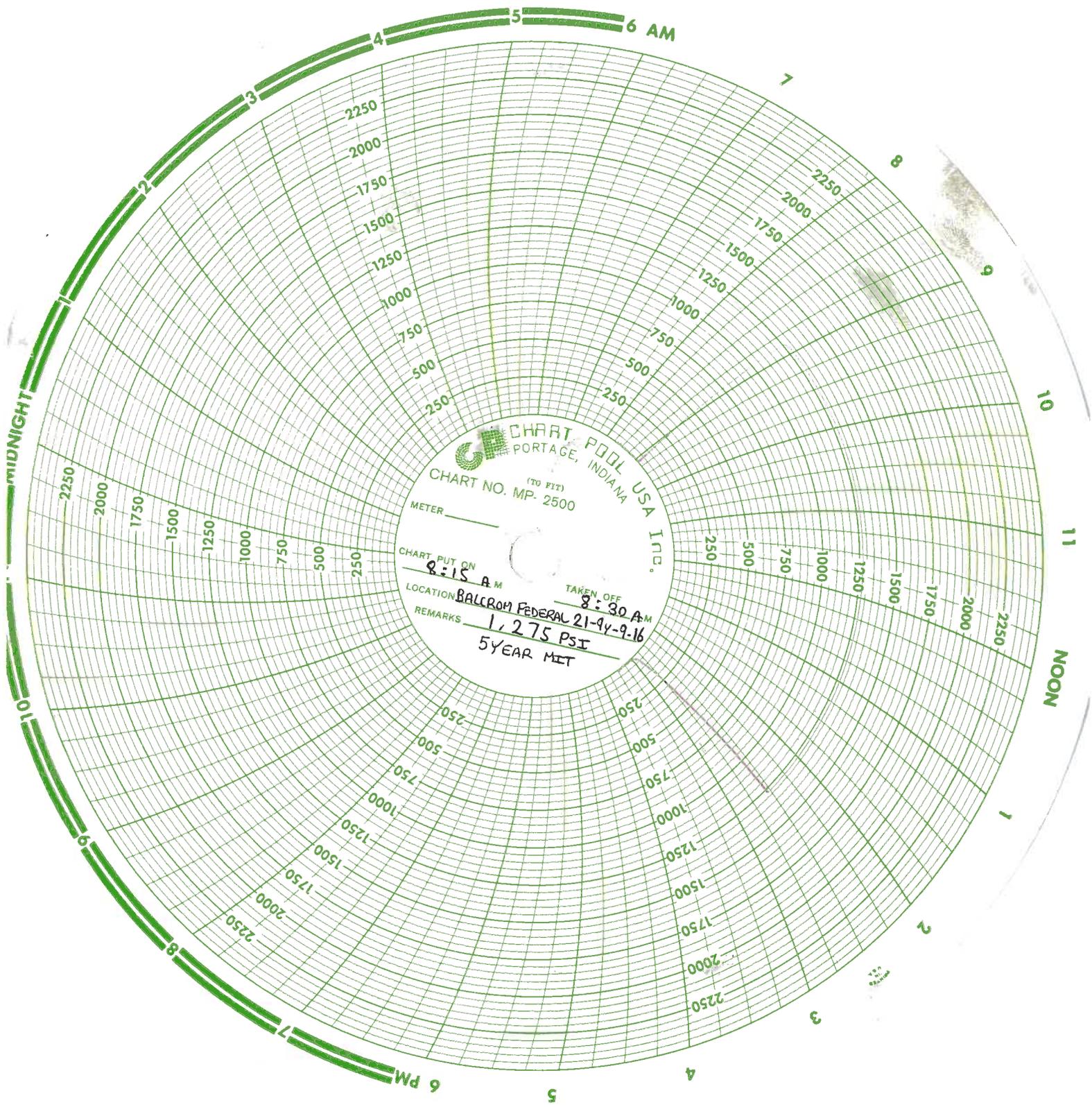


CHART PORTAGE POOL USA INC.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP-2500
METER _____
CHART PUT ON 8:15 A.M.
TAKEN OFF 8:30 A.M.
LOCATION BALCROFT FEDERAL
REMARKS 1,275 PSI
5 YEAR MIT