



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

RECEIVED

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

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
SE SE Section 14, T9S, R17E 1008.2' FSL, 832.3' FEL
At proposed prod. zone

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

Approximately 16 miles SW of Myton, Utah

10. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH

5,700'

20. ROTARY OR CABLE TOOLS

Rotary

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

GL 5164.3'

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 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

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

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

24. SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE 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. 43-013-31393

APPROVAL DATE

DATE: 6/16/93

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

BY: [Signature]

WELL SPACING: 2649-3-3
Exception

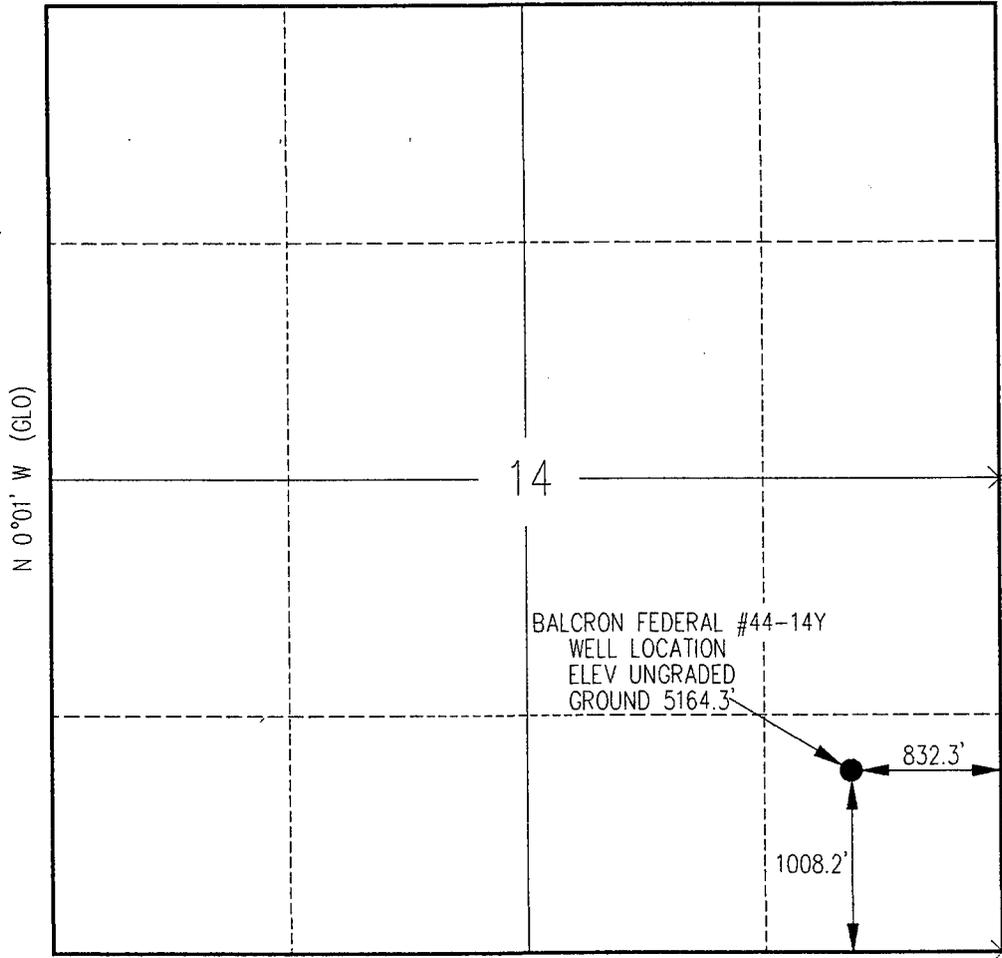
*See Instructions On Reverse Side

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

S 89°59' W (GLO)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON FEDERAL #44-14Y,
LOCATED AS SHOWN IN THE SE 1/4 SE 1/4
OF SECTION 14, T9S, R17E, S.L.B. & M,
UINTAH COUNTY UTAH.



N 0°01' W (GLO)

N 0°01' W (GLO)

14

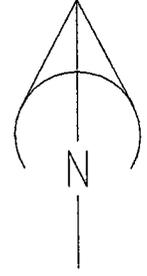
BALCRON FEDERAL #44-14Y
WELL LOCATION
ELEV UNGRADED
GROUND 5164.3'

832.3'

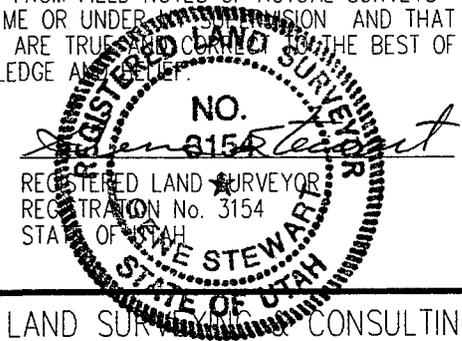
1008.2'

BASIS OF BEARING

S 89°54' W (GLO)



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

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

SCALE: 1" = 1000'	SURVEYED BY: SS JC
DATE: 4/28/93	WEATHER: CLEAR & WARM
NOTES:	FILE # #44-14Y

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

EXHIBIT "G"

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-64806
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"/>					7. Unit Agreement Name n/a
2. Name of Operator Equitable Resources Energy Company, Balcron					8. Farm or Lease Name Balcron Federal
3. Address of Operator P.O. Box 21017; Billings, MT 59104					9. Well No. 14-14Y
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE SE Section 14, T9S, R17E 1008.2' FSL, 832.					10. Field and Pool, or Wildcat Monument Butte/Green River
DIVISION OF OIL GAS & MINING					11. 00, Sec., T., R., H., or Blk. and Survey or Area SE SE Sec. 14, T9S, R17E
14. Distance in miles and direction from nearest town or post office* Approximately 16 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 drig. line, if any)		16. No. of acres in lease		17. No. of acres assigned to this well	
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.		19. Proposed depth 5,700'		20. Rotary or cable tools Rotary	
21. Elevations (Show whether DP, RT, GR, etc.) GL 5164.3'					22. Approx. date work will start* June 1, 1993
PROPOSED CASING AND CEMENTING PROGRAM					
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement	
See attached					

RECEIVED

MAY 20 1993

Operator plans to drill well in accordance with attached Federal Application for Permit to Drill.

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 and belief.

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

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Federal #44-14Y
SE SE Section 14-T9S-R17E
Duchesne County, Utah

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

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

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

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following 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 #44-14Y
SE SE Section 3, T9S, R17E
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. 150' & 200' North.
- B. The Federal #44-14Y is located approximately 16 miles Southwesterly of Myton Utah, in the SE1/4 SE1/4 Section 14, T9S, R17E, SLB&M, Uintah County, Utah. To reach the 44-14Y, 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 11.4 miles to an intersection with the Pariette Bench road, turn left and continue 2.8 miles to sign at existing jeep trail. Turn right and follow jeep trail 0.6 mile to sign at intersection. turn right and follow jeep trail 0.4 mile to proposed access road sign. Follow flags 1.0 mile 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 1.0 mile of new road construction and 1.0 mile of road upgrade 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, as necessary to provide for proper drainage along the access road route. A borrow ditch will be cut along the West side of road from existing road to location.
- 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 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.

9. Wellsite Layout:

- 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 between corner #5 and corner #6. Access will be from the West 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.

- 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 (Kochia prostrata)
5	Ephriam Crested Wheatgrass (Agropyron cristatum Ephriam)
4	Russian Wildrye (Elymus junceus)
2	Fourwing Saltbush (Atriplex canescens)

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:

- (a) 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 sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are 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." /no*
 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 5. 2 silt catchment dams and basins will be constructed according to BLM specifications along the access road

where needed.

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 #44-14Y PROSPECT/FIELD: Monument Butte
LOCATION: SESE 1008 FSL, 832 FEL SECTION 14 TOWNSHIP 9S RANGE 17E
COUNTY: Uintah STATE: UT GL(Ung): 5164.3' EST KB: 5171' TOTAL DEPTH 5700

FORM. TOPS:

Formation	Prognosis		Sample Top		Cntrl Wl.	Formation	Prognosis		Sample Top		Cntrl
	Depth	Datum	Depth	Datum			Depth	Datum	Depth	Datum	
KB		5171			5191						
Uinta	Surf.										
Green River	1192	3979			4033						
2nd GG	3564	1607			1661						
Y-2	3894	1277			1331						
Douglas Crk.	4331	840			894						
R-1	4345	826			880						
R-2	4387	784			838						
G-5	4832	339			393						
Carb. Mkr.	5138	33			87						
B-1	5198	(-27)			27						
TD	5700										

CONTROL WELL: Palute Oil & Mining Section 24 Township 9@ Range 17E
POMCO #24-15 atr/atir NENW

SAMPLES:

50 samples, 1200 to 3600
10 samples, 3600 to TD
samples, to
samples, to
samples, to
samples, to

LOGS:

DLL/MSFL from Surf. Csg. to TD
LDT/CNL from 3400 to TD
from to
from to
from to
from to
from to

Send Samples To:

Utah Geological Sample Library
1 Dry Cut

CONES:

None

DRILL STEM TESTS:

None

HOLOGGER/HOT WIRE:

Required: (Yes/No) Yes
Type: Two Man

WELLSITE GEOLOGIST:

From 1200 to TD
Name: _____ Tele. #: (____) _____
Address: _____

COMMENTS:

PREPARED BY: K. K. Reinschmidt, S. W. VanDelinder DATE: 5-13-93

Equitable Resources Energy Company
Balcron Oil Division

DRILLING PROGRAM

WELL NAME: Balcron Federal 44-14Y PROSPECT/FIELD: Monument Butte
LOCATION: SE SE Sec.14 Twn.9S Rge.17E
COUNTY: Duchesne STATE: Utah

TOTAL DEPTH: 5700

HOLE SIZE INTERVAL

=====
12 1/4" 0 to 260'
7 7/8" 260 to 5700'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260	8 5/8"	24 #/Ft	J-55
Production Casing	0	5700	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.



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

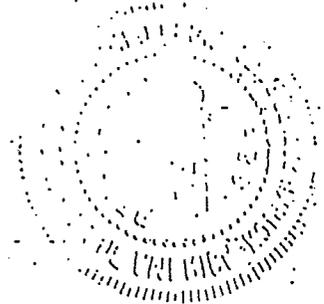
STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE
IN ALASKA OIL AND GAS BOND

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

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

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:



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 Voitchet 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. VE HAR; 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

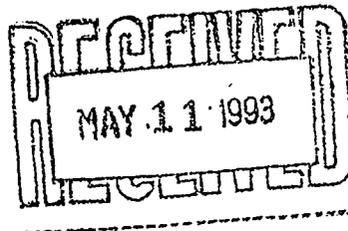
Permit No.: Dept. of Interior -- UT-92-54937

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. (ms)

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.

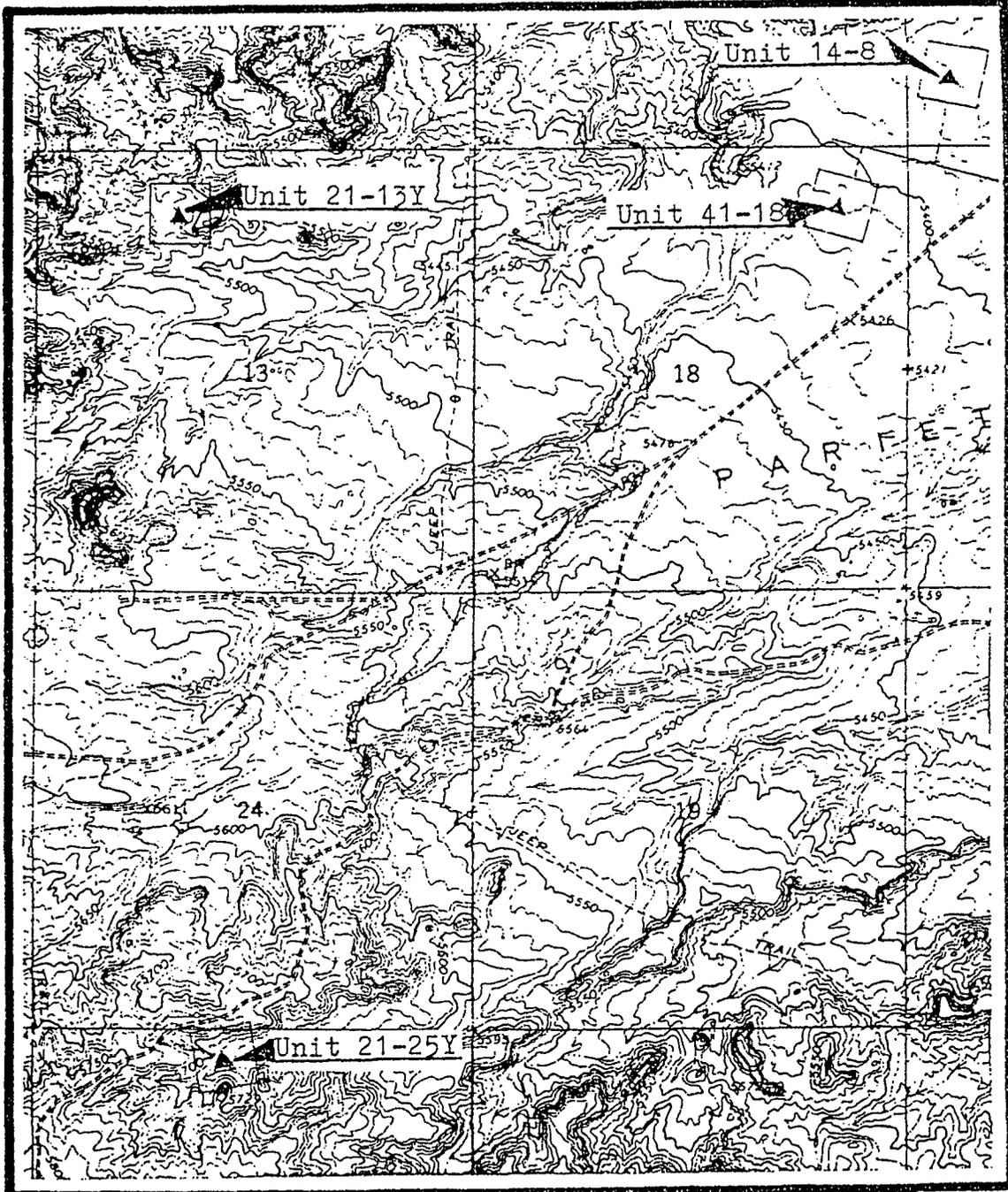
In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Vernal District Office of the Bureau of Land Management relative to the locations on public lands, and to the Antiquities Section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

AERC



T. 9 South
 R. 16 and 17 E
 Meridian: S.L.B.M.
 Quad: Myton SE,
 Utah

MAP 1
 Cultural Resource Survey
 of Balcron Units 41-18,
 14-8, 21-13Y and 21-25Y,
 Castle Peak Draw Area

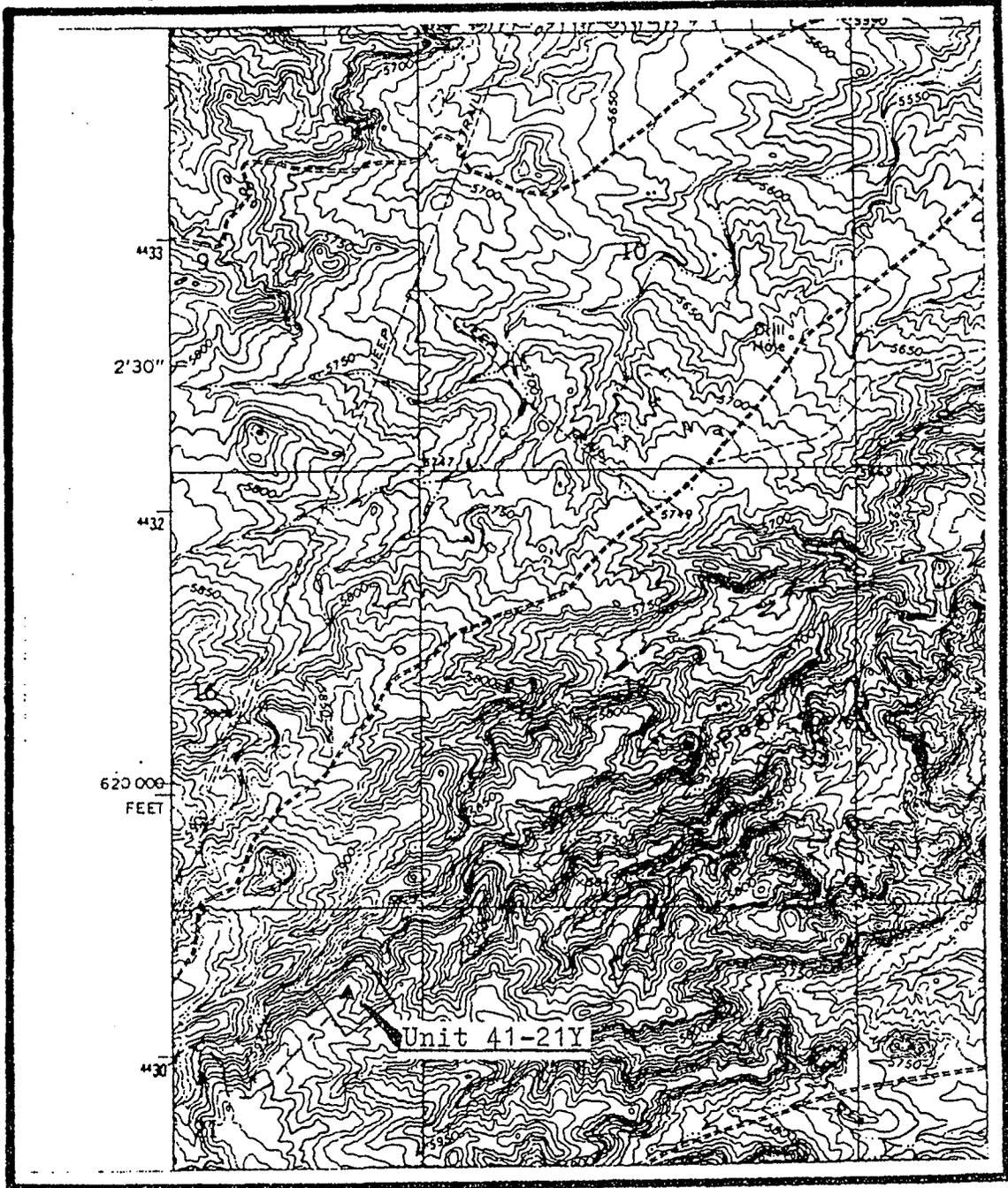
Legend:
 Well Location 
 Access Route 

4
 N

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



AERC



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

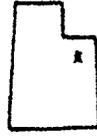
MAP 2
 Cultural Resource Survey
 of Balcron Unit 41-21Y in
 the Castle Peak Draw area
 of Duchesne County

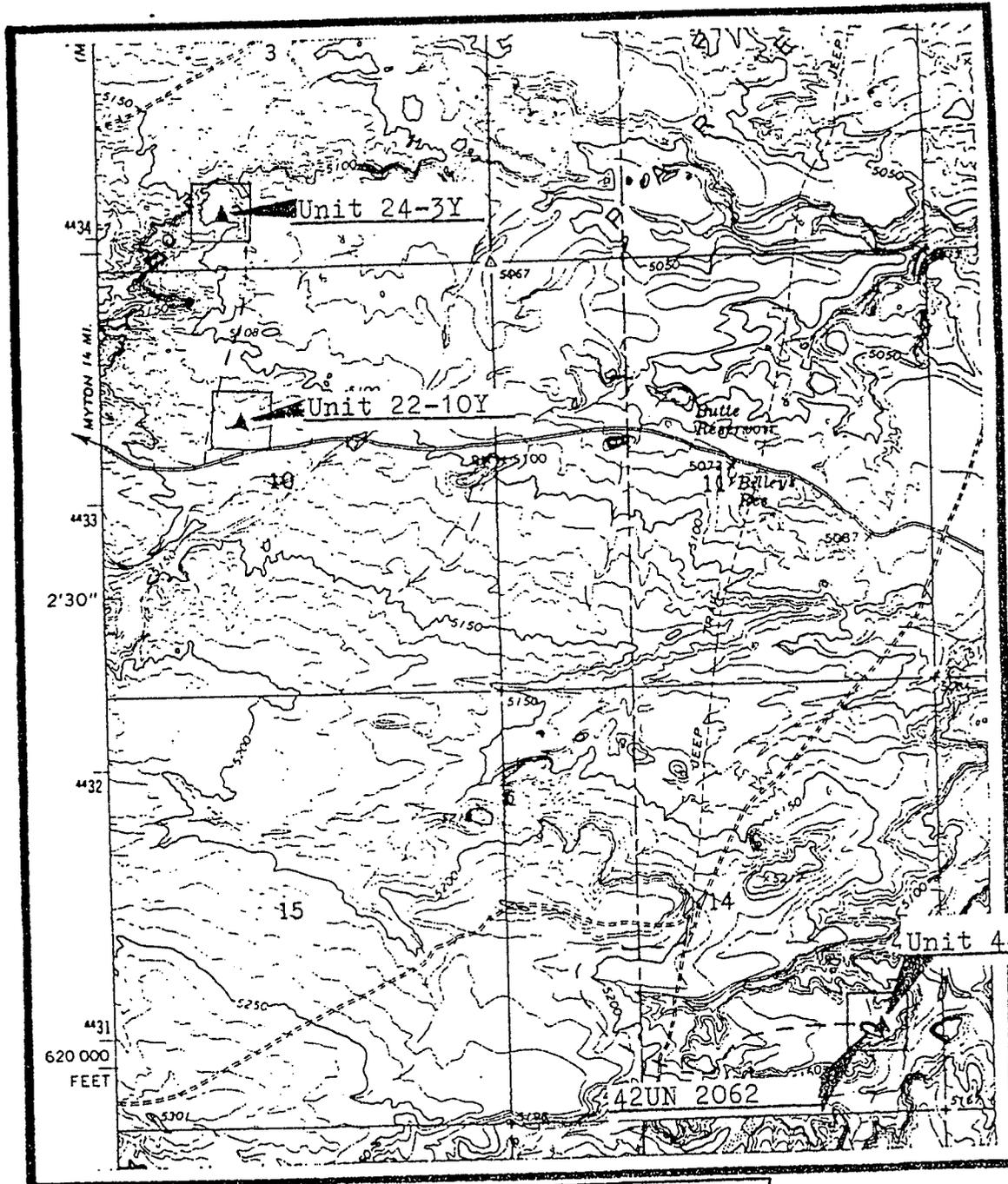
Legend:
 Well Location ▲
 Access Route - - - - -



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

Scale: 1:24,000





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

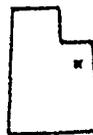
MAP 4
 Cultural Resource Survey
 of Balcron Units 44-14Y,
 24-3Y and 22-10Y in the
 Castle Peak Draw Area

Legend:
 Well Location 
 Access Route 
 Cultural Site 



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.

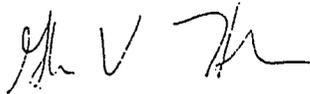
No isolated diagnostic artifacts were observed or collected during the survey. A single non-diagnostic artifact associated with site 42UN 2062 was collected.

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

A E R C B L C R - 9 3 - 1 Uintah and Duchesne

5. Responsible Institution County _____

6. Fieldwork

0 9 S 1 7 E 0 3 0 8 1 0 1 4
1 8

Location: TWN RNG Section. . . | . . . | . . . | . . . |

7. Resource 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
and/or
Definable Acres Surveyed
and/or
Legally Undefinable Acres Surveyed 1 1 9 . 1

10. Inventory Type I
R = Reconnaissance
I = Intensive
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:

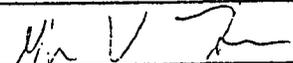
1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the corridor examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
2. All personnel should refrain from collecting artifacts and from disturbing any 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)

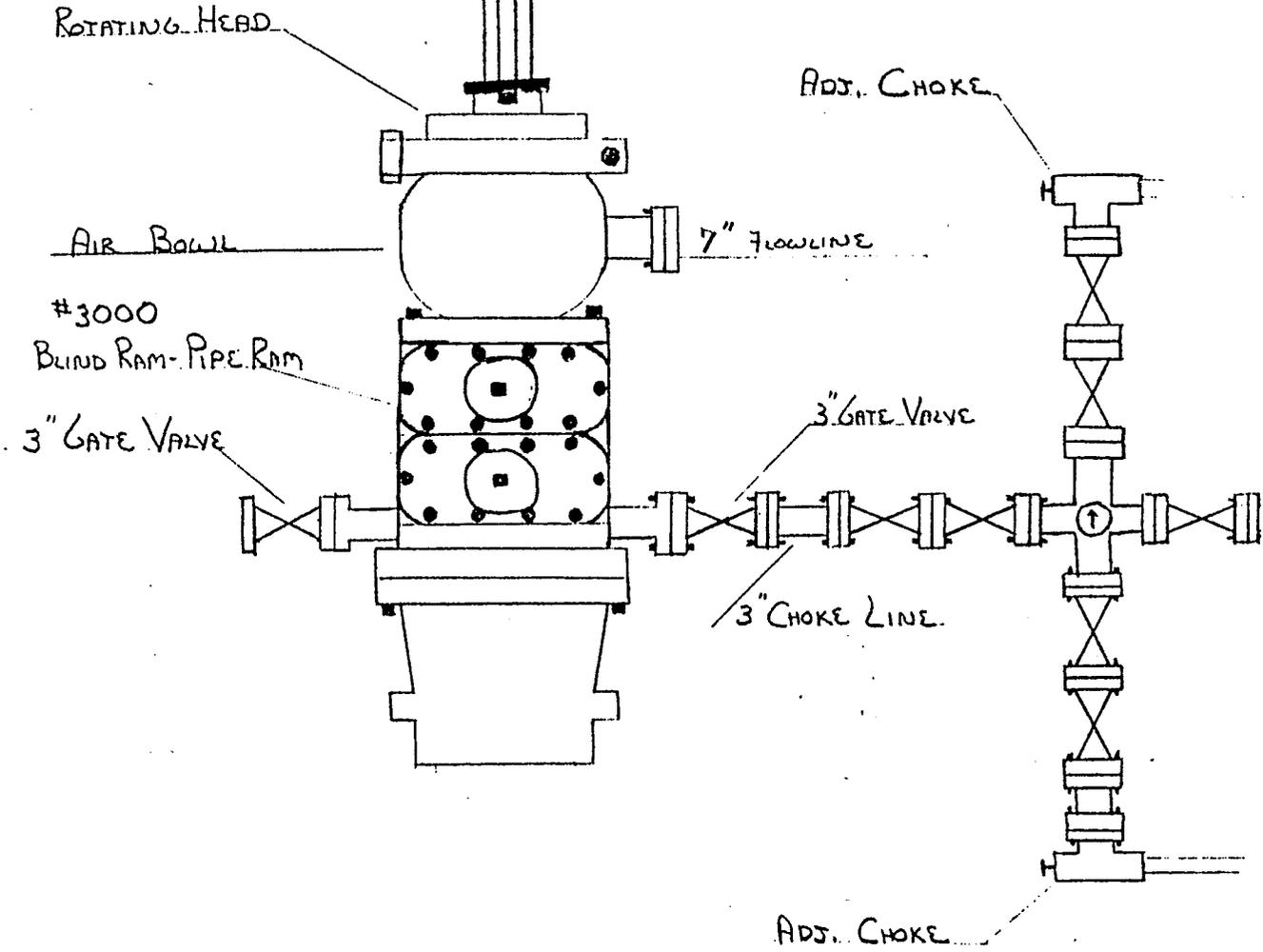
Administrator

Field
Supervisor



UNION DRILLING RIG #17

Hex Kelly

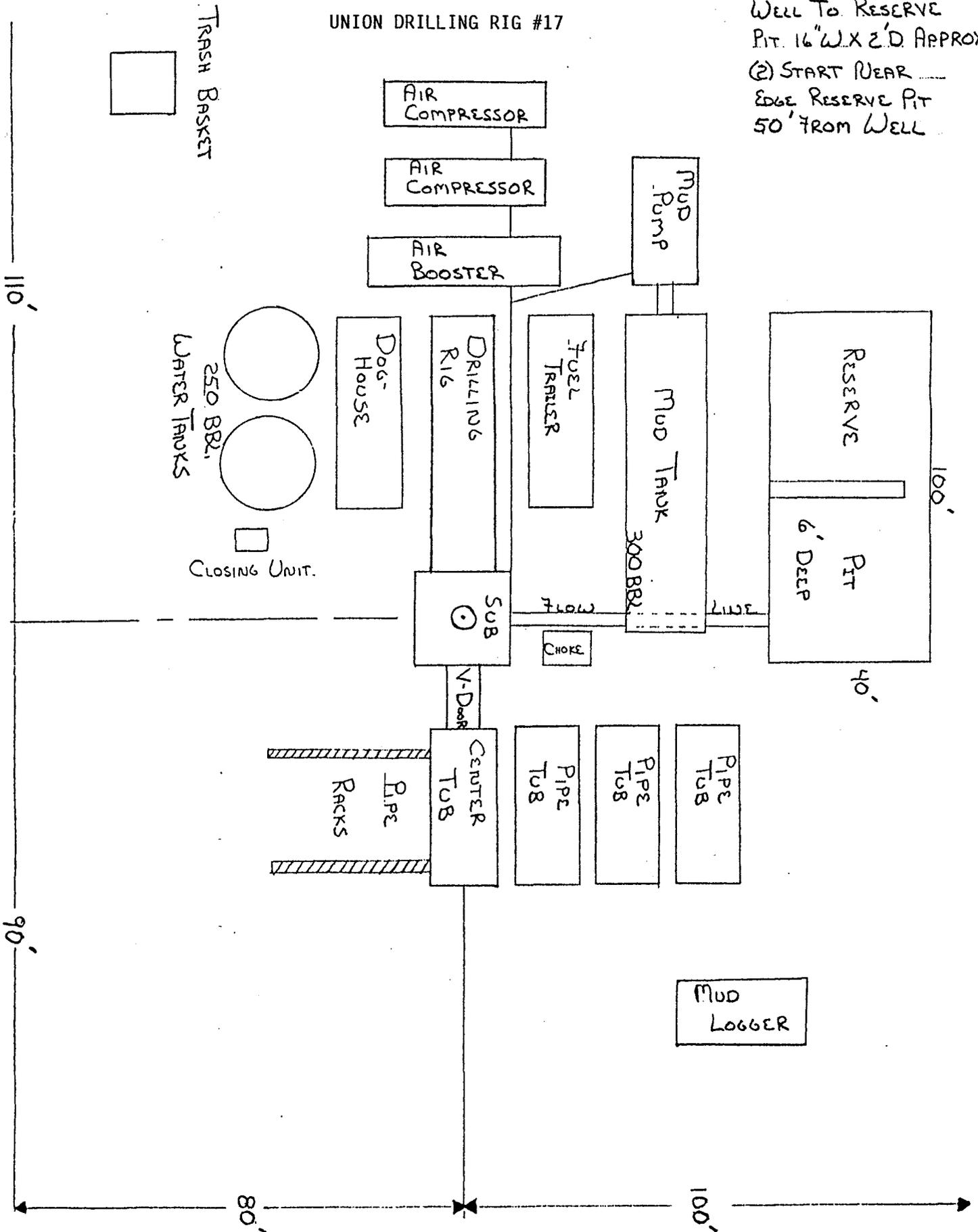


#3000 Stack

EXHIBIT "I"

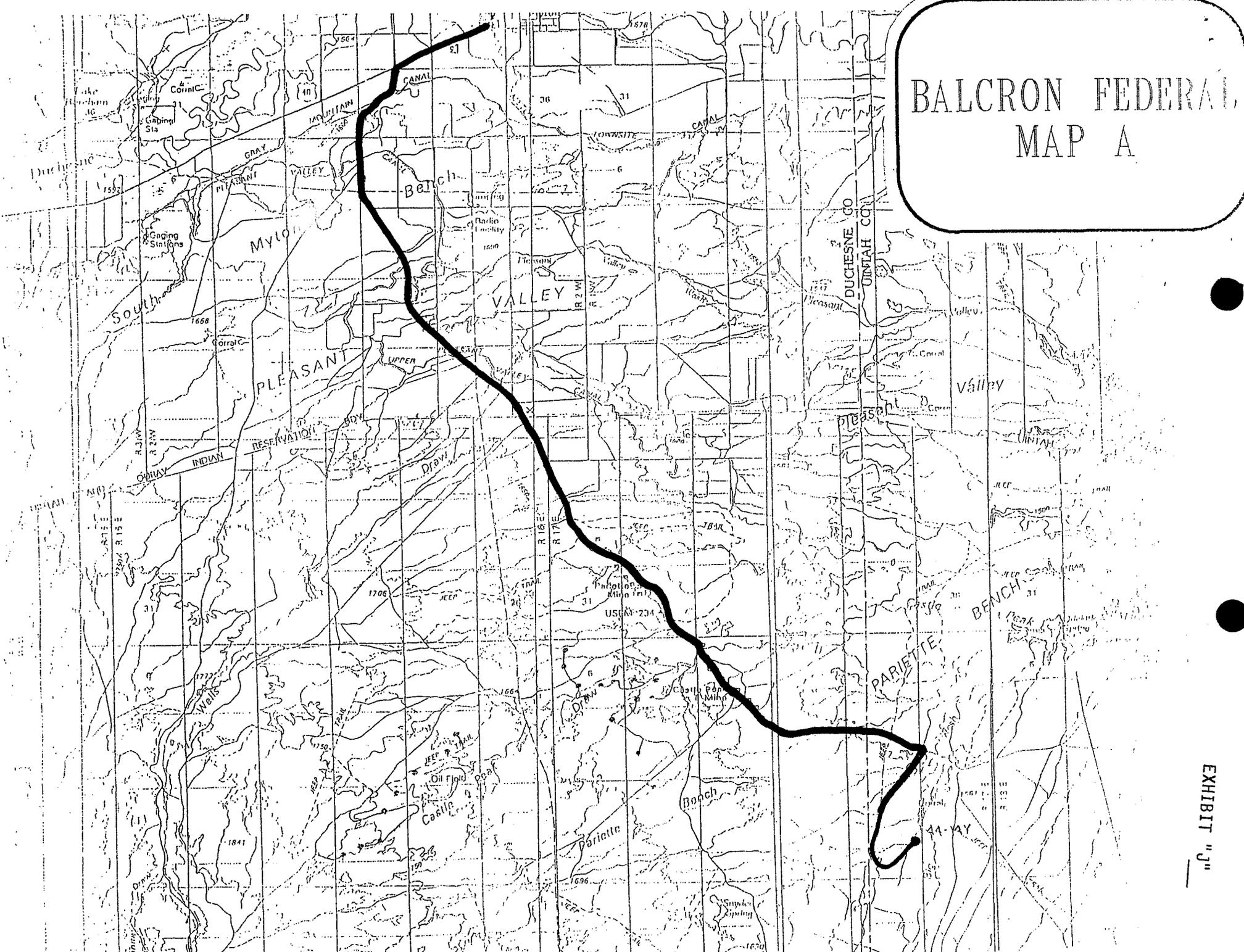
UNION DRILLING RIG #17

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

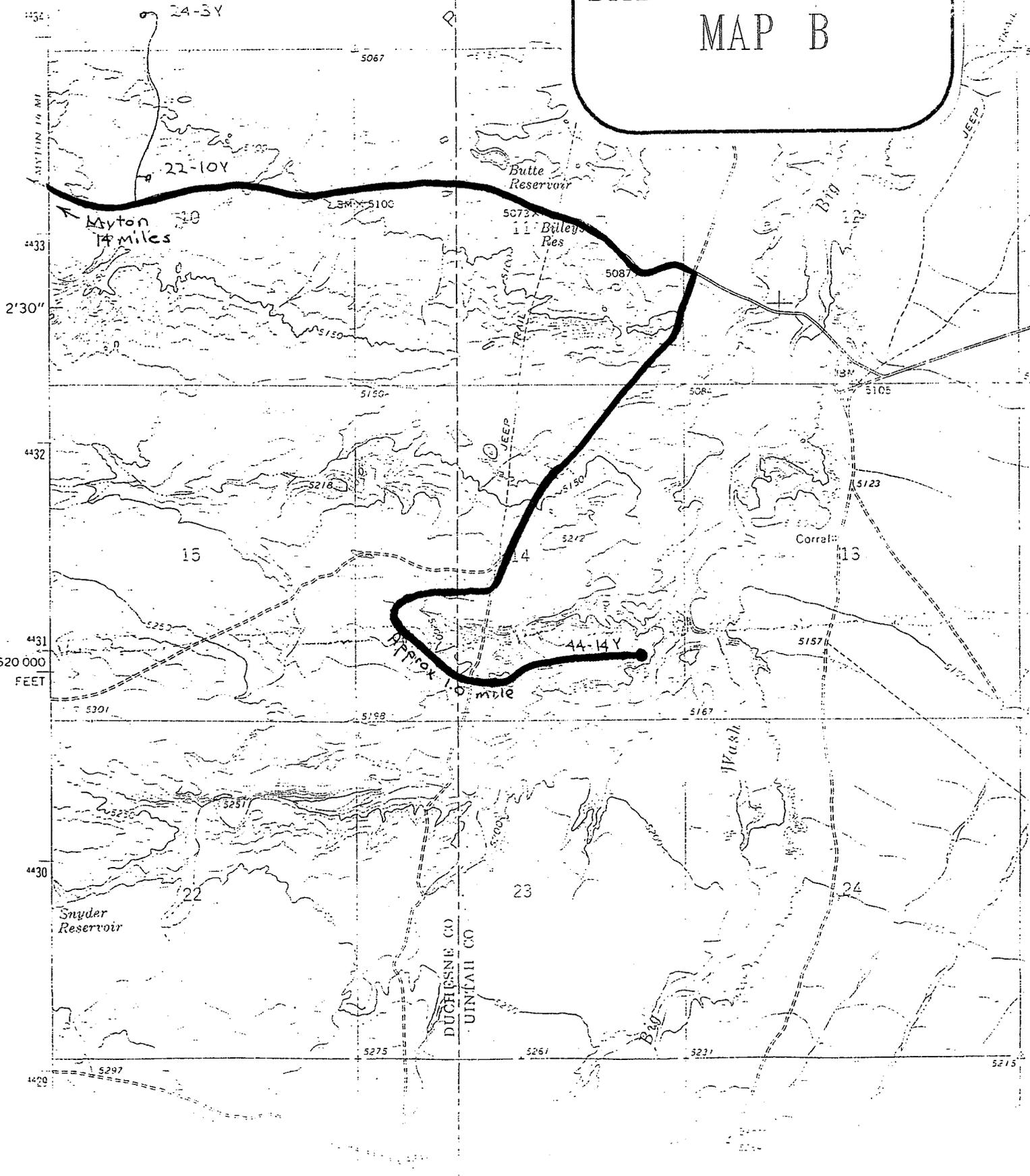


150

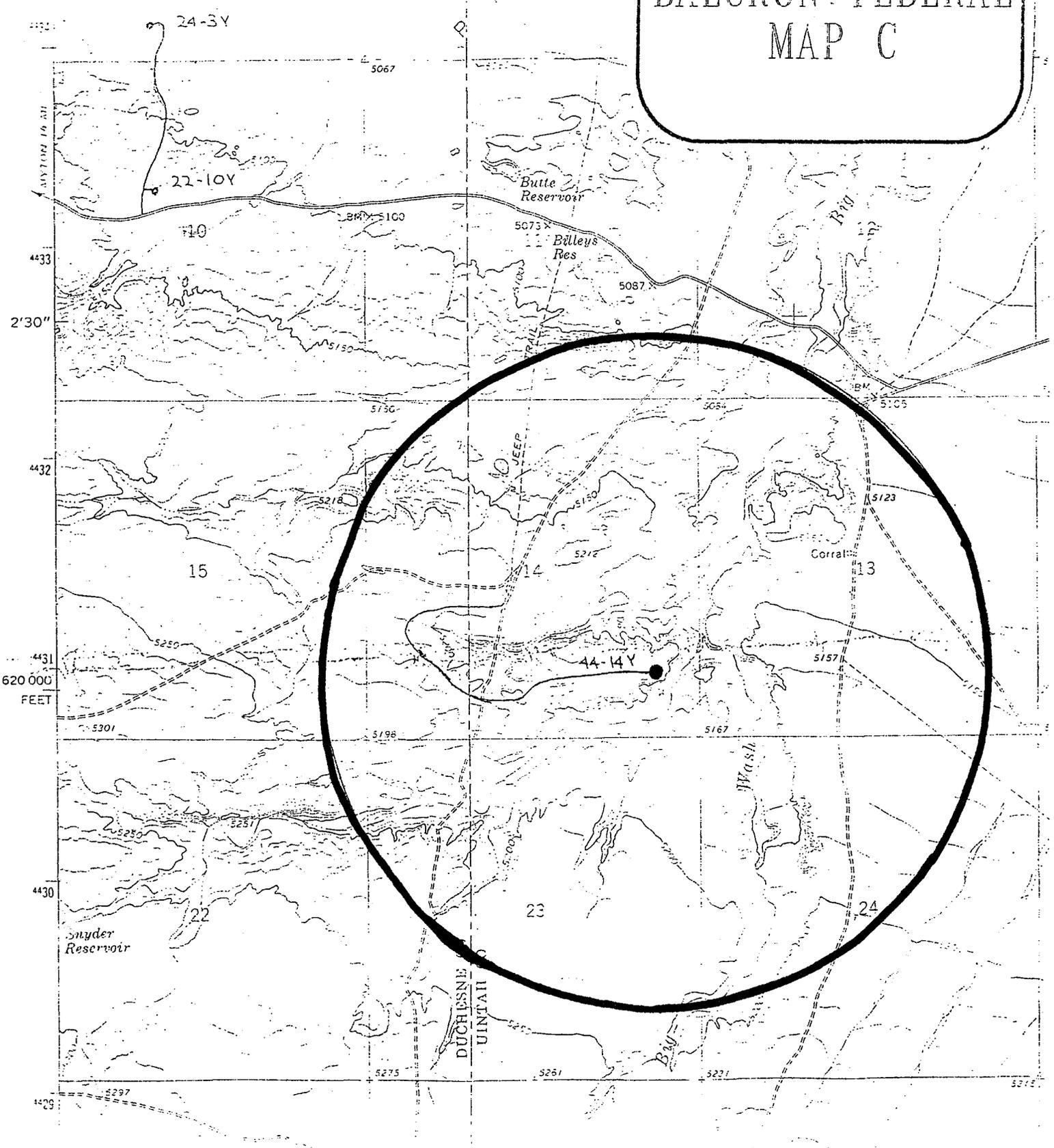
BALCRON FEDERAL
MAP A



BALCRON FEDERAL MAP B

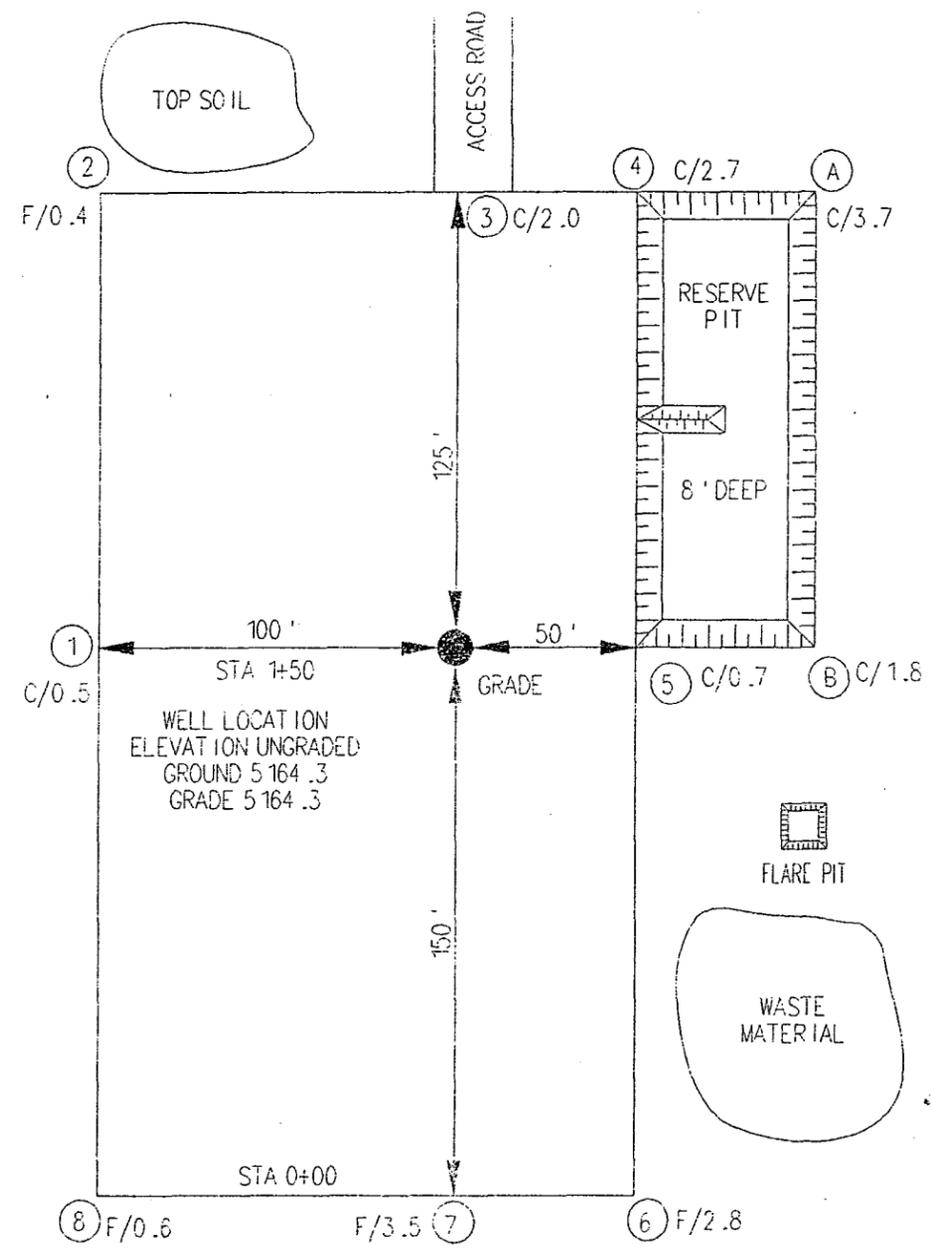
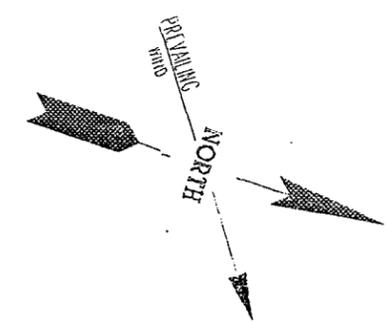
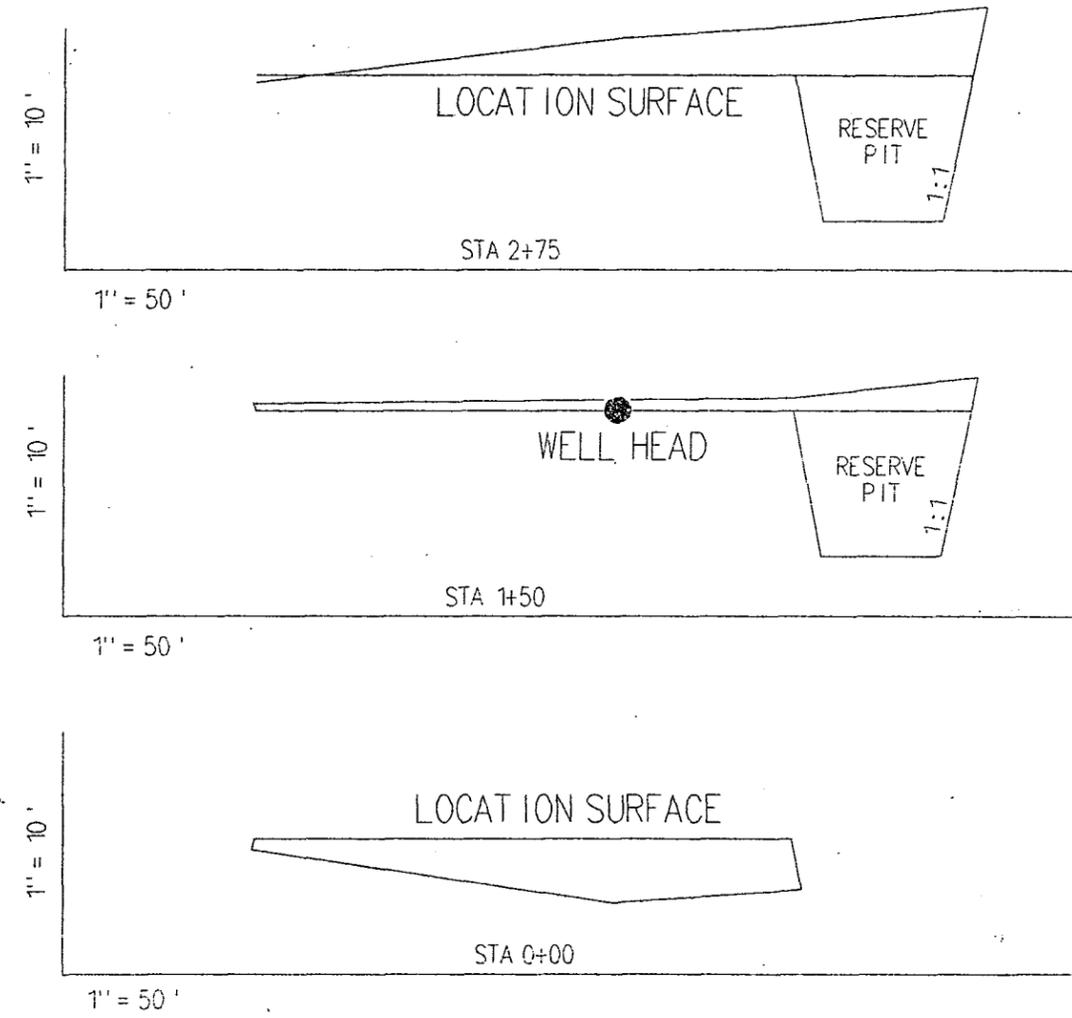


BALCRON FEDERAL MAP C



BALCROON FEDERAL

WELL LOCATION # 44-14Y
 PLAT #1



REFERENCE POINTS
 150' NORTH - 5167.3
 200' NORTH - 5169.4

APPROXIMATE YARDAGE
 CUT = 1,156 Cu Yds
 FILL = 677 Cu Yds
 PIT = 1555 Cu Yds
 TOP SOIL = 880 Cu Yds

TRI-STATE
 LAND SURVEYING, INC.
 38 WEST 100 NORTH, VERNAL, UTAH 84076
 801-781-2501

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 05/20/93

OPERATOR: EQUITABLE RESOURCES
WELL NAME: BALCRON FEDERAL 44-14Y

OPERATOR ACCT NO: N- 9890

API NO. ASSIGNED: 43-013-31393

LEASE TYPE: FED LEASE NO: D-64806
LOCATION: SESE 14 - T09S - R17E DUCHESNE COUNTY
FIELD: MONUMENT BUTTE (105) FIELD CODE: 105

<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"/> <input checked="" type="checkbox"/> Oil shale (Y/N) <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Water permit (Number <u>43-9974 a-14289</u>) <input checked="" type="checkbox"/> RDCC Review (Y/N) <input checked="" type="checkbox"/> (Date: _____)</p>	<p>LOCATION AND SITING:</p> <p>___ R649-2-3. Unit: _____ ___ R649-3-2. General. ___ R649-3-3. Exception. ___ Drilling Unit. ___ Board Cause no: _____ ___ Date: _____</p>
---	---

COMMENTS: Exception location requested 6-14-93

STIPULATIONS: cc: Duchesne assessor

CONFIDENTIAL
PERIOD
EXPIRED
ON 9-30-94

APPLICATION FOR PERMANENT CHANGE OF WATER

STATE OF UTAH

RECEIVED

APR 17 1987

Rec. by DL

Fee Paid \$ 15.00

Receipt # 22150

Roll # _____

WATER RIGHTS SALT LAKE

Microfilmed _____

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. a-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 reddiverted 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 District in the _____ Mine.
 Mining: _____ Ores mined: _____ Type: _____ Capacity: _____
 Power: Plant name: _____
 Other (describe): drilling & completion of oil field locations High 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: hailed 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/acre 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).

Quinn 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.



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

**EQUITABLE RESOURCES**
ENERGY COMPANY**BALCRON OIL DIVISION**1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

June 14, 1993

-- VIA FAX --

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

Gentlemen:

RE: Balcron Federal #44-14Y
SE SE Section 14, T9S, R17E
Duchesne County, Utah

We hereby request an Exception to Location for the referenced well. The location was moved in response to a request from the Bureau of Land Management.

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

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs



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 16, 1993

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

Gentlemen:

Re: Balcron Federal #44-14Y Well, 1008 feet from the south line, 832 feet from the east line, SE 1/4 SE 1/4, Section 14, Township 9 South, Range 17 East, Duchesne County, Utah

Pursuant to Utah Admin. R. 649-3-3, Exception to 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.



Page 2
Equitable Resources Energy Company
Balcron Federal #44-14Y Well
June 16, 1993

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

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 43-013-31393.

Sincerely,



R.S. Firth
Associate Director, Oil and Gas

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
U-64806

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.
#44-14Y

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T9S, R17E

12. COUNTY OR PARISH
Duchesne *Uintah* UTAH

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY **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
SE SE Section 14, T9S, R17E 1008.2' FSL, 832.3' FEL
At proposed prod. zone
42-012-31393

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 16 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 Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 5164.3'	22. APPROX. DATE WORK WILL START* June 1, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

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

RECEIVED
JUL 12 1993

RECEIVED
MAY 20 1993

EXHIBITS ATTACHED

DIVISION OF

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

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

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

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

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Howard B. Cleavage TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE JUL 07 1993

NOTICE OF APPROVAL
UT080-3M-055

*See Instructions On Reverse Side

This form, 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.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

API Number: 43-013-31393

Well Name & Number: Balcron Federal 44-14Y

Lease Number: U-64806

Location: SESE Sec. 14 T. 9S R. 17E

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. As per Equitable Resources Energy Company, a double ram BOP stack will be used instead of the annular preventer as identified in the BOP diagram. 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 284 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 84 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) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

Methods for Handling Waste Disposal

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 paleontological 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, surface disturbing activities will not be allowed between March 15 and July 15.

MINIMUM STANDARDS FOR DAMS
IMPOUNDING UNDER 10 AC. FT.

I. Site Location and Design

- A. Authorized BLM personnel must approve site location, fill material, foundation material, spillway size and location.
- B. Dam layout and location shall be with surveying instruments by qualified personnel.

II. Borrow Areas

- A. Borrow material shall be taken from within the reservoir basin below the high water line whenever possible.
- B. Vegetation, debris, and topsoil shall be removed to a depth of 12" below natural ground line and deposited as directed.
- C. Vegetation, debris, and topsoil shall be stockpiled to be used as cover for borrow areas above the high water line as directed.
- D. Vegetation, debris and topsoil moved below the dam shall be contoured, smoothed and blended into natural ground lines away from fill areas and outside the wash bottom.
- E. Borrow areas shall be smoothed, contoured and blended into natural ground lines.

III. Core Trench and Dam Foundation

- A. A core trench shall be constructed 12' wide along the full length of the dam center line to a minimum depth of 3' or bedrock.
- B. Sides of the core trench shall not be steeper than 1:1 slopes.
- C. Soft or unstable material encountered in the core trench or dam foundation shall be removed and will not be used as fill.

IV. Dam and Core Fill

- A. Fill shall be homogeneous material, preferably of highly impervious, compactable soils (such as high clay content soils free of organic material, sand or rock).
- B. Lifts of fill shall not exceed 6" when compacted.
- C. Fill shall be built up at a consistent rate the full length of the dam.
- D. Lifts shall be compacted by at least one pass of the crawler tractor over the entire width of the lift.
- E. Fill shall be smoothed, maintaining specified slopes.

V. Spillway

- A. Spillway shall be constructed through natural material.
- B. Spillway shall be constructed to divert overflow away from fill areas or natural material that is an integral part of the dam.
- C. Incorporate in-place rock or hauled-in rock in spillway and at discharge point below spillway to prevent "down cutting" and "blowout" holes, when possible.



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

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

RECEIVED

JUN 16 1993

DIVISION OF
OIL, GAS & MINING

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

June 14, 1993

-- VIA FAX --

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

Gentlemen:

RE: Balcron Federal #44-14Y
SE SE Section 14, T9S, R17E
Duchesne County, Utah

We hereby request an Exception to Location for the referenced well. The location was moved in response to a request from the Bureau of Land Management.

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

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs



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 [X]

July 19, 1993

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

Gentlemen:

As required, enclosed are the Paleontology Report for the wellpads and locations of the following wells:

Balcron Federal #41-21Y
NE NE Section 21, T9S, R16E
Duchesne County, Utah

Balcron Federal #21-9Y
NE NW Section 9, T9S, R16E
Duchesne County, Utah

Balcron Federal #44-14Y 43-013-31393
SE SE Section 14, T9S, R17E
Duchesne County, Utah

RECEIVED

JUL 20 1993

DIVISION OF
OIL, GAS & MINING

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

BALCRON OIL

Balcron Monument Federal #44-14Y

SE SE Section 14, T9S, R17E, SLB&M

Uintah County, Utah

PALEONTOLOGY REPORT

WELLPAD LOCATION AND ACCESS ROAD

BY

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

JULY 14, 1993

RECEIVED

JUL 20 1993

DIVISION OF
OIL GAS & MINING

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT BUTTE FEDERAL #44-14Y

Description of Geology and Topography-

This location is 12 miles south and 4 mile east of Myton, Utah. It is on a small bench overlooking Big Wash. Two small canyons or drainages are located on the north and south and they drain east into Big Wash. The bench is fairly flat, but slopes gently to the east. Elevation difference between the bench and bottom of Big Wash is about 60 feet. The bench is covered with sand and eroded rock fragments of limy sandstone. Uinta Formation outcrops around the edges of the bench.

The access road is two miles long from the Pariette Bench road to the location. This includes 1 mile of road upgrade and 1 mile of new road. The area crossed by the access road is of fairly low relief but crosses several drainages and small hills. There are intermittent outcrops of Uinta Formation along the access road.

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

Rocks in the immediate area of the proposed access road and wellpad are composed of interbedded mudstone, and sandstone. These rocks possibly represent fluvial (stream) and lacustrine (lake) deposits.

Paleontological material found -

The only fossils found along the access road occur near the middle of the east half of the SE1/4 of the SW1/4 of section 14. This is a small badlands area of interbedded sandstone and mudstone. The fossil material consists of several spots of scattered turtle shell fragments and one spot with 3 pieces of highly weathered bone fragments (mammal?). The present road alignment passes directly over this material.

The wellpad location surface is covered with sand and eroded rock fragments. No fossils were found on the wellpad location. Rock outcrops around the edge were checked to see if excavation on the bench might penetrate fossil bearing layers. The only fossil material found was in the small badlands bowl north of the location. There were scattered turtle shell fragments and one fragmented turtle shell in this area, but they appear to be weathering out of a horizon below which excavation of the pit would be.

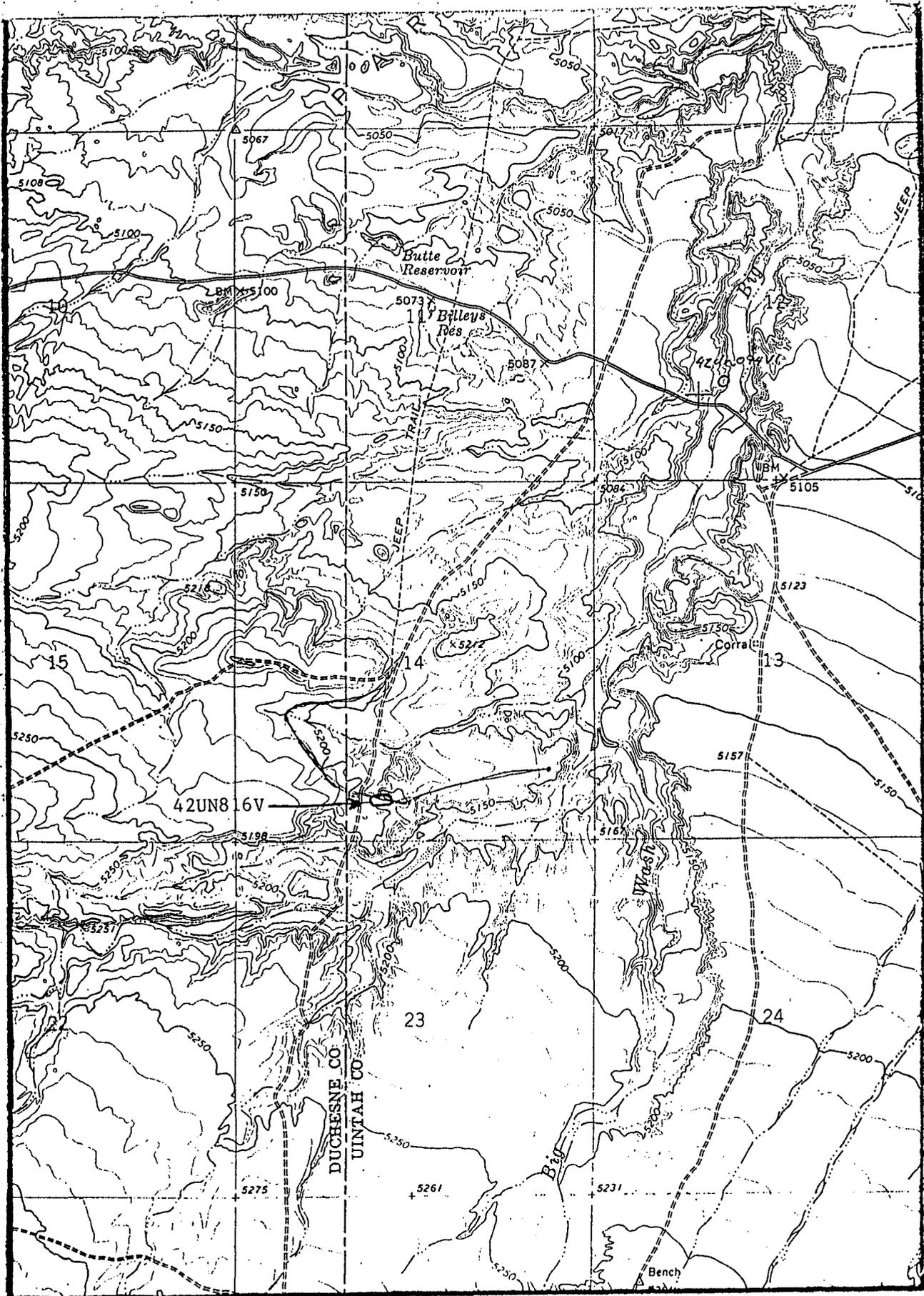
Recommendations-

It is recommended that the road alignment be moved 30 or so feet south at the fossil locality described above to avoid the material found there. Monitoring this site is not being recommended, but if significant looking fossil material does show up during road construction (Chances of this are felt to low, but possible), a paleontologist should be called to evaluated it.

Allen A. Hamblin
Paleontologist

Date July 15, 1993

PALEONTOLOGY LOCALITY Data Sheet		Page 1 of 1 plus map													
		State Local. No. 42 UN 816V													
		Agency No.													
		Temp. No BALCRON MONUMENT BUTTE FEDERAL #44-14Y													
1. Type of locality				Plant		Vertebrate		X		Trace		Other _____			
2. Formation: UINTA		Horizon: "B"				Geologic Age: Late Eocene									
3. Description of Geology and Topography: The access road is two miles long from the Pariette Bench road to the location. This includes 1 mile of road upgrade and 1 mile of new road. The area crossed by the access road is of fairly low relief but crosses several drainages and small hills. The area are intermittent outcrops of Uinta Formation along the access road. 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. Rocks in the immediate area of the proposed access road and wellpad are composed of interbedded mudstone, and sandstone. These rocks possibly represent fluvial (stream) and lacustrine (lake) deposits.															
4. Location of Outcrop: 12 miles south and 4 mile east of Myton, Utah.															
5. Map Ref.		USGS Quad		Pariette Draw SW				Scale		7.5 Min		Edition		1964	
E1/2		of		SE1/4		of		SW1/4		of Sectn		14 T		9 S R 17E Meridn SLB	
6. State: UTAH		County: UINTAH COUNTY				BLM/FS District: VERNAL- DIAMOND MT.									
7. Specimens Collected and Field Accession No. NONE															
8. Repository:															
9. Specimens Observed and Disposition: The only fossils found along the access road occur near the middle of the east half of the SE1/4 of the SW1/4 of section 14. This is a small badlands area of interbedded sandstone and mudstone. The fossil material consists of several spots of scattered turtle shell fragments and one spot with 3 pieces of highly weathered bone fragments (mammal?). The present road alignment passes directly over this material.															
10. Owner:															
Private		State		BLM		X		US FS		NPS		IND MIL OTHR			
11. Recommendations for Further Work or Mitigation: It is recommended that the road alignment be moved 30 or so feet south at the fossil locality described above to avoid the material found there. Monitoring this site is <u>not</u> being recommended, but if significant looking fossil material does show up during road construction (Chances of this are felt to low, but possible), a paleontologist should be called to evaluated it.															
12. Type of Map Made by Recorder:															
13. Disposition of Photo Negatives:															
14. Published References: Hamblin, A. H., 1992, Paleontology Report on the Monument Butte EA Study Area, for Mariah Associates, Larimie, Wyoming.															
15. Remarks:															
16. Sensitivity:		Critical				Significant		?		Important		X		Insignificant	
17. Recorded by: Alden Hamblin, Paleontologist								Date: July 14, 1993							

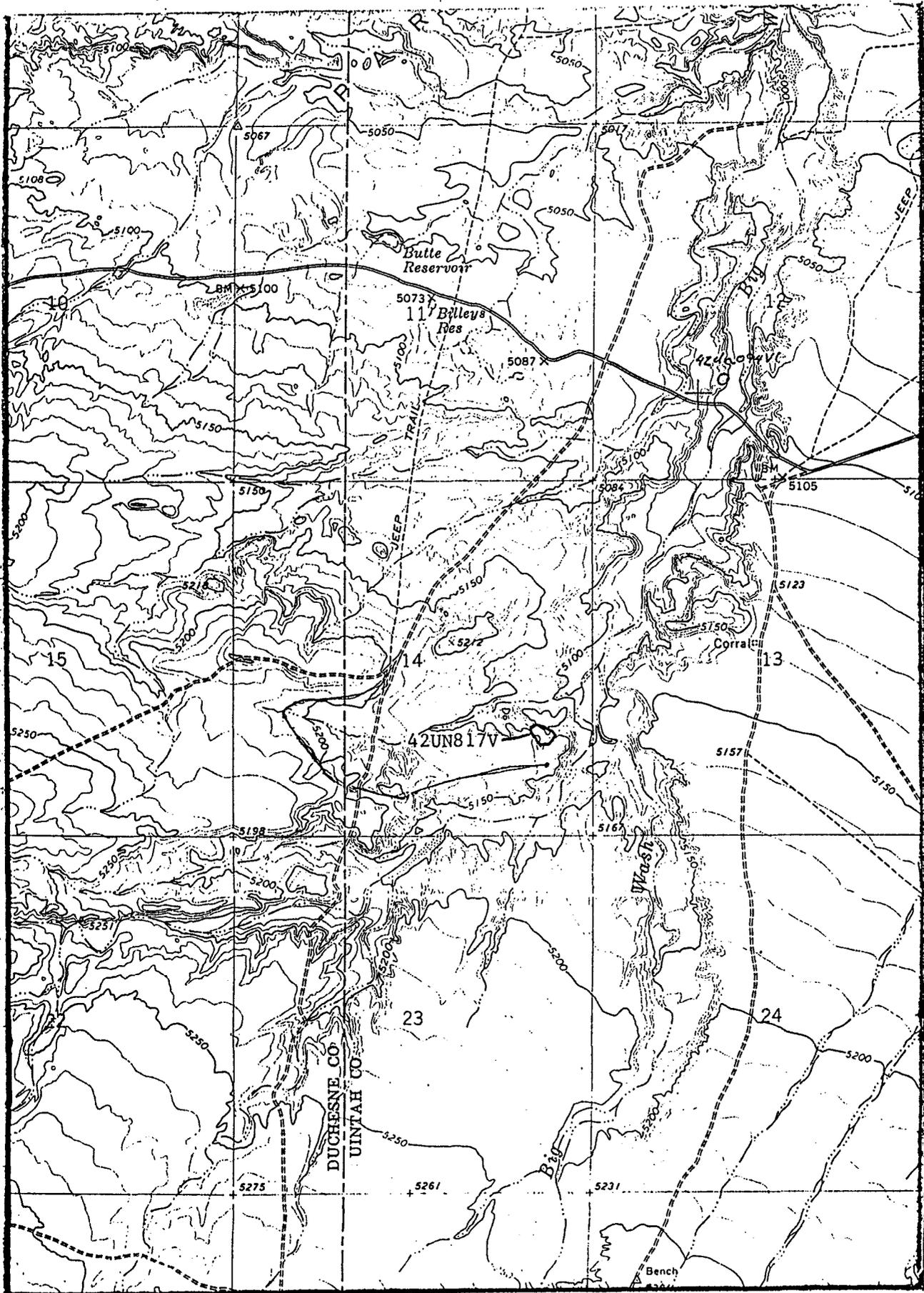


42UN816V

Balcron Oil Monument Butte Federal #44-14Y
Section 14, T9S, R17E

Pariette Draw SW, Utah
Quadrangle

PALEONTOLOGY LOCALITY Data Sheet		Page 1 of 1 plus map																	
		State Local. No. 42 UN 817V																	
		Agency No.																	
		Temp. No BALCRON MONUMENT BUTTE FEDERAL #44-14Y																	
1. Type of locality										Other _____									
Invertebrate		Plant		Vertebrate		X		Trace											
2. Formation: UINTA				Horizon: "B"				Geologic Age: Late Eocene											
3. Description of Geology and Topography: It is on a small bench overlooking Big Wash. Two small canyons or drainages are located on the north and south and they drain east into Big Wash. The bench is fairly flat, but slopes gently to the east. Elevation difference between the bench and bottom of Big Wash is about 60 feet. The bench is covered with sand and eroded rock fragments of limy sandstone. Uinta Formation outcrops around the edges of the bench. All rock outcrops in the area are of the Upper Eocene Uinta Formation, known for its fossil vertebrate fauna of mammals, turtles, crocodylians, and occasional fish remains. Rocks in the immediate area of the proposed access road and wellpad are composed of interbedded mudstone, and sandstone. These rocks possibly represent fluvial (stream) and lacustrine (lake) deposits.																			
4. Location of Outcrop: 12 miles south and 4 mile east of Myton, Utah.																			
5. Map Ref.		USGS Quad		Pariette Draw SW				Scale		7.5 Min		Edition		1964					
S1/2		of		NE1/4		of		SE1/4		of Sectn		14 T		9 S R		17E Meridn		SLB	
6. State: UTAH			County: UINTAH COUNTY				BLM/FS District: VERNAL- DIAMOND MT.												
7. Specimens Collected and Field Accession No. NONE																			
8. Repository:																			
9. Specimens Observed and Disposition: The wellpad location surface is covered with sand and eroded rock fragments. No fossils were found on the wellpad location. Rock outcrops around the edge were checked to see if excavation on the bench might penetrate fossil bearing layers. The only fossil material found was in the small badlands bowl north of the location. There were scattered turtle shell fragments and one fragmented turtle shell in this area, but they appear to be weathering out of a horizon below which excavation of the pit area would be.																			
10. Owner:																			
Private		State		BLM		X		US FS		NPS		IND		MIL		OTHR			
11. Recommendations for Further Work or Mitigation: NONE																			
12. Type of Map Made by Recorder:																			
13. Disposition of Photo Negatives:																			
14. Published References: Hamblin, A. H., 1992, Paleontology Report on the Monument Butte EA Study Area, for Mariah Associates, Larimie, Wyoming.																			
15. Remarks:																			
16. Sensitivity:		Critical		Significant		?		Important		X		Insignificant							
17. Recorded by: Alden Hamblin, Paleontologist								Date: July 14, 1993											



42UN817V Balcron Oil Monument Butte Federal #44-14Y Pariette SW, Utah Quad
 Section 14, T9S, R17E

DAILY OPERATING REPORTBALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E

Uintah ~~Wasatch~~ County, Utah

1008.2' FSL, 832.3' FEL

PTD: 5700' Formation: Green River

Green River Prospect/Monument Butte Field

Elevations: 5154.3' GL

Contractor: Union Drilling Rig #18

Operator: Balcron/EREC

Spud:

Casing:

---TIGHT HOLE---

7-29-93 Present Operation: Start building location & road.

7-30-93 Present Operation: Work on location & road.

7-31-93 Present Operation: Work on location & road.

8-1-93 Present Operation: Finish location & install pit liner.
DC: Not given CC: \$13,550

8-3-93 Present Operation: Move rig.
Haul some water to reserve pit. Start moving on location
with drilling rig.
DC: \$2,802 CC: \$16,352

8-4-93 TD: 272' (272') Day 1
Formation: Uinta
Present Operation: Blow hole.
Spud @ 11:15 PM 8/3/93. Haul water to reserve. Move rig
& rig up, drill, & set 13-3/8 conductor pipe. Install
rotating head & drill 12-1/4 hole to 272'.
DC: \$3,796 CC: \$20,148

DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E

Wasatch County, Utah

1008.2' FSL, 832.3' FEL

PTD: 5700' Formation: Green River

Green River Prospect/Monument Butte Field

Elevations: 5164.3' GL

Contractor: Union Drilling Rig #18

Operator: Balcron/EREC

Spud:

Casing:

---TIGHT HOLE---

7-29-93 Present Operation: Start building location & road.

7-30-93 Present Operation: Work on location & road.

7-31-93 Present Operation: Work on location & road.

8-1-93 Present Operation: Finish location & install pit liner.
DC: Not given CC: \$13,550

8-3-93 Present Operation: Move rig.
Haul some water to reserve pit. Start moving on location
with drilling rig.
DC: \$2,802 CC: \$16,352

8-4-93 DC: 272' (272') Day 1
Formation: Uinta
Present Operation: Blow hole.
Spud @ 11:15 PM 8/3/93. Haul water to reserve. Move rig
up, drill, & set 13-3/8 conductor pipe. Install
g head & drill 12-1/4 hole to 272'.
DC: ,796 CC: \$20,148

Uinta

DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E

Duchesne County, Utah

1008.2' FSL, 832.3' FEL

PTD: 5700' Formation: Green River

Green River Prospect/Monument Butte Field

Elevations: 5154.3' GL

Contractor: Union Drilling Rig #18

Operator: Balcron/EREC

Spud:

Casing:

---TIGHT HOLE---

- 7-29-93 Present Operation: Start building location & road.
- 7-30-93 Present Operation: Work on location & road.
- 7-31-93 Present Operation: Work on location & road.
- 8-1-93 Present Operation: Finish location & install pit liner.
DC: Not given CC: \$13,550
- 8-3-93 Present Operation: Move rig.
Haul some water to reserve pit. Start moving on location
with drilling rig.
DC: \$2,802 CC: \$16,352

DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E

Duchesne County, Utah

1008.2' FSL, 832.3' FEL

PTD: 5700' Formation: Green River

Green River Prospect/Monument Butte Field

Elevations: 5154.3' GL

Contractor: Union Drilling Rig #18

Operator: Balcron/EREC

Spud:

Casing:

---TIGHT HOLE---

7-29-93 Present Operation: Start building location & road.

7-30-93 Present Operation: Work on location & road.

7-31-93 Present Operation: Work on location & road.

8-1-93 Present Operation: Finish location & install pit liner.
DC: Not given CC: \$13,550

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: BALCRON 43-047-32438

WELL NAME: BALCRON FEDERAL 44-14Y

Section 14 Township 9S Range 17E County UINTAH

Drilling Contractor UNION DRILLING

Rig # 17

SPUDDED: Date 8/3/93

Time 11:15 AM

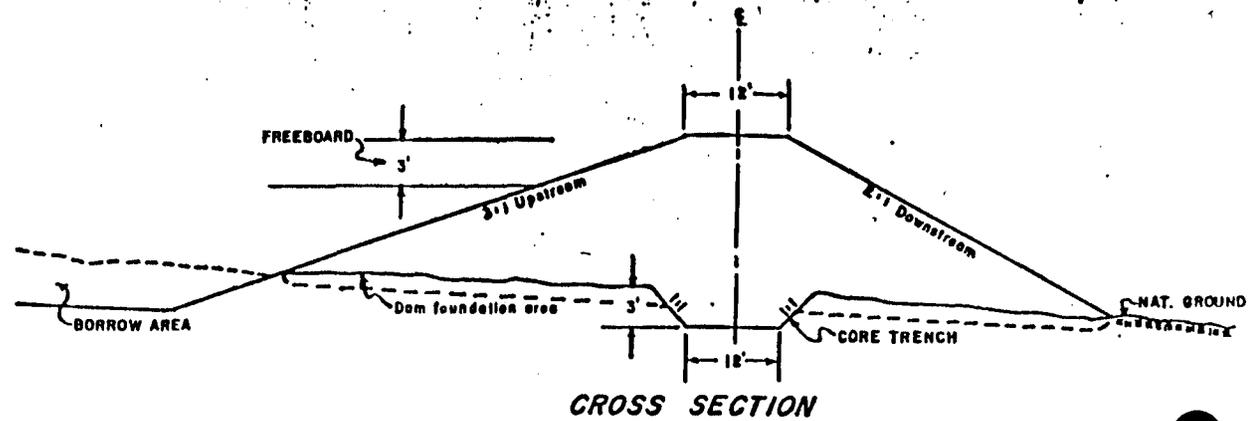
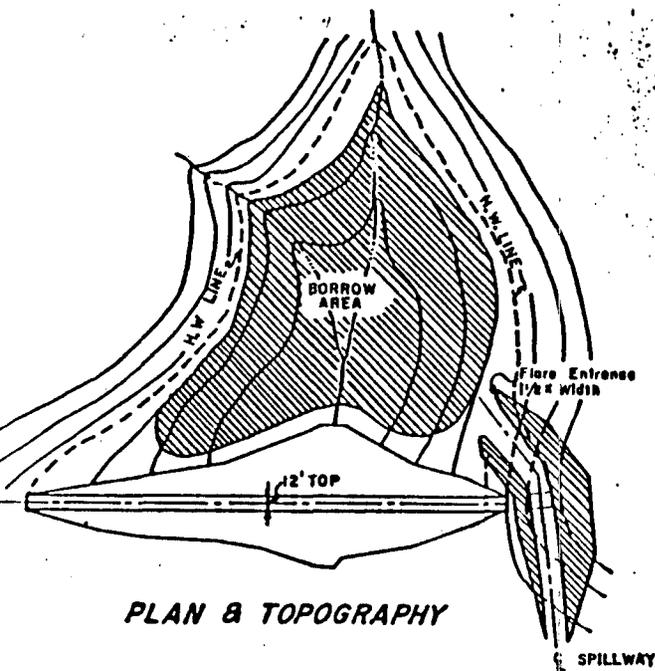
How ROTARY

Drilling will commence _____

Reported by BOBBIE SCHUMAN

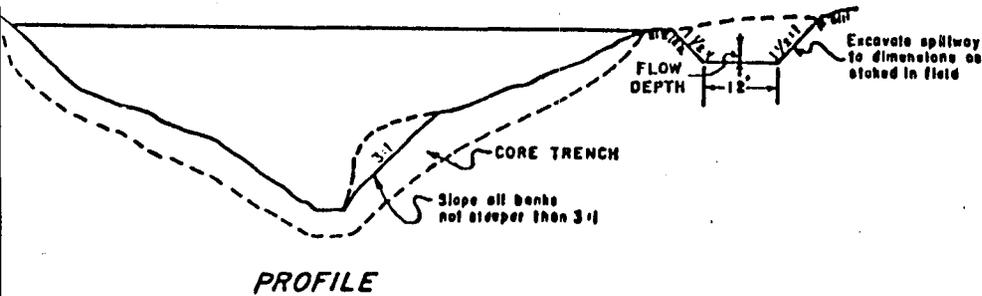
Telephone # _____

Date 8/4/93 SIGNED FRM



**MINIMUM STANDARDS FOR DAMS
IMPOUNDING UNDER 10 AC. FT.**

1. BLM PERSONNEL MUST APPROVE SITE LOCATION, FILL MATERIAL, FOUNDATION MATERIAL, SPILLWAY SIZE AND LOCATION.
2. DAM LAYOUT & LOCATION MUST BE WITH SURVEYING INSTRUMENTS BY QUALIFIED SURVEYOR,
3. MAX. WATER DEPTH AGAINST THE DAM WILL BE 10' WHEN CONSTRUCTED WITH A CRAWLER TRACTOR.
4. SOIL WILL BE PLACED IN NOT MORE THAN 6" LIFTS AND EACH LIFT COMPACTED WITH A CRAWLER TRACTOR.
5. SPILLWAY MUST BE THROUGH NATURAL MATERIAL.
6. A CORE TRENCH WILL BE CONSTRUCTED 3' DEEP OR TO BED ROCK.
7. BORROW MATERIAL WILL BE TAKEN FROM WITHIN THE RESERVOIR BASIN BELOW THE HIGH WATER MARK WHENEVER POSSIBLE.



U. S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	
RETENTION DAM TYPICAL PLAN & SECTION	
DESIGNED _____	RECOMM. _____
DRAWN _____	RECOMM. _____ <small>CHIEF, DIV. OF ENG.</small>
CHECKED _____	APPROVED _____
SCALE NOT TO SCALE	
DATE _____	SHEET 1 OF 1
DRAWING NO. _____	

ALWAYS THINK SAFETY OPO 526-173

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, 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)

SE SE Section 14, T9S, R17E
1008.2' FSL, 832.3' FEL

5. Lease Designation and Serial No.

U-64806

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 #44-14Y

9. API Well No.

43- 047-32438

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Uintah County, UTAH

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

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

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

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

This well was spud at 11:15 p.m. on August 3, 1993.

RECEIVED
AUG 0 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 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.

*See Instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

5. LEASE DESIGNATION & SERIAL NO.
Fed. #U-64806

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

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Balcron Monument Federal

9. WELL NO.
#44-14Y

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T9S, R17E

12. COUNTY
Uintah

13. STATE
UTAH

SUNDRY NOTICES AND REPORTS ON WELLS
(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.)

1. OIL WELL GAS WELL OTHER

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface SE SE Sec. 14, T9S, R17E 1008.2' FSL, 832.3' FEL
At proposed prod. zone

14. API NO.
43-047-32438

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5164.3' GL

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"/>	FULL 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 (Other) <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Correction in location</u> <input checked="" type="checkbox"/>	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

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

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.)

* Must be accompanied by a cement verification report.

✓ This well was incorrectly shown as being in Duchesne County, Utah. It is in Uintah County, Utah. The API number shown above is the correct API number as given by the State. This sundry is submitted to correct the county name and to note the corrected API number.

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

SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE August 4, 1993

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

<p>SUNDRY NOTICES AND REPORTS ON WELLS (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.)</p>		<p>5. LEASE DESIGNATION & SERIAL NO. Fed: #U-64806</p>
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN ALLOTTEE OR TRIBE NAME n/a</p>
<p>2. NAME OF OPERATOR Equitable Resources Energy Company, Balcron Oil Division</p>		<p>7. UNIT AGREEMENT NAME n/a</p>
<p>3. ADDRESS OF OPERATOR P.O. Box 21017; Billings, MT 59104</p>		<p>8. FARM OR LEASE NAME Balcron Monument Federal</p>
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SE SE Sec. 14, T9S, R17E 1008.2' FSL, 832.3' FEL At proposed prod. zone</p>		<p>9. WELL NO. #44-14Y</p>
<p>14. API NO. 43-047-32438</p>		<p>10. FIELD AND POOL, OR WILDCAT Monument Butte/Grn. River</p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5164.3' GL</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T9S, R17E</p>
<p>12. COUNTY Uintah</p>		<p>13. STATE UTAH</p>

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"/>	FULL 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"/> (Other)	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Coorection in location</u> <input checked="" type="checkbox"/>	

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

APPROX. DATE WORK WILL START _____ DATE OF COMPLETION _____

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.)

* Must be accompanied by a cement verification report.

This well was incorrectly shown as being in Duchesne County, Utah. It is in Uintah County, Utah. The API number shown above is the correct API number as given by the State. This sundry is submitted to correct the county name and to note the corrected API number.

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

SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE August 4, 1993

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

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 & SERIAL NO. Fed. #U-64806
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN ALLOTTEE OR TRIBE NAME n/a
2. NAME OF OPERATOR Equitable Resources Energy Company, Balcron Oil Division		7. UNIT AGREEMENT NAME n/a
3. ADDRESS OF OPERATOR P.O. Box 21017; Billings, MT 59104		8. FARM OR LEASE NAME Balcron Monument Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SE SE Sec. 14, T9S, R17E 1008.2' FSL, 832.3' FEL At proposed prod. zone		9. WELL NO. #44-14Y
10. FIELD AND POOL, OR WILDCAT Monument Butte/Grn. River		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T9S, R17E
14. API NO. 43-047-32438	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5164.3' GL	12. COUNTY Uintah
		13. STATE UTAH

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"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> (Other) <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> (Other) <u>Correction in location</u> <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/>
APPROX. DATE WORK WILL START _____	DATE OF COMPLETION _____

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.)

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RECEIVED

AUG 10 1993

DIVISION OF
OIL, GAS & MINING

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

SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE August 4, 1993

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Duchesne County, Utah

---TIGHT HOLE---

8-6-93 TD: 1,301' (1,029') Day 3
Formation: Uintah
Present Operation: Drilling.
Drill, survey, change air head drill. Geologist & mud
loggers working.
DC: \$13,759 CC: \$40,938

8-8-93 TD: 3,522' (1,025') Day 5
MW 8.7 Vis 27 pH 10.7
Formation: Green River
Present Operation: Drilling.
Drill, survey, clean on rig. Hole making about 10 BBLs
water per hour. First got wet @ 300'. No big increase
anywhere.
DC: \$13,711 CC: \$70,626

8-9-93 TD: 4,107' (585') Day 6
MW 8.5 Vis 27 pH 10.1
Formation: Green River
Present Operation: Trip in hole.
Drill, survey, trip out for bit. Start trip in hole.
Blow water from 3,000' down.
DC: \$8,882 CC: \$79,508

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Duchesne County, Utah

---TIGHT HOLE---

8-6-93 TD: 1,301' (1,029') Day 3
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MW 8.7 Vis 27 pH 10.7
Formation: Green River
Present Operation: Drilling.
Drill, survey, clean on rig. Hole making about 10 BBLS water per hour. First got wet @ 300'. No big increase anywhere.
DC: \$13,711 CC: \$70,626

8-9-93 TD: 4,107' (585') Day 6
MW 8.5 Vis 27 pH 10.1
Formation: Green River
Present Operation: Trip in hole.
Drill, survey, trip out for bit. Start trip in hole.
Blow water from 3,000' down.
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BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Duchesne County, Utah

---TIGHT HOLE---

8-6-93 TD: 1,301' (1,029') Day 3
Formation: Uintah
Present Operation: Drilling.
Drill, survey, change air head drill. Geologist & mud
loggers working.
DC: \$13,759 CC: \$40,938

Post-It™ brand fax transmittal memo 7671		# of pages ▶	
STATE OF UTAH	From	JENNIE RABSTAD	
DIV. OIL, GAS &	Co.	BALCRON OIL	
Dept. MINING	Phone #	406-259-7860	
Fax 1-801-359-3940	Fax #	406-245-1361	

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

**Location: SE SE Section 14, T9S, R17E
Duchesne County, Utah**

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Dept.	Phone #	406-259-7860	
Fax #	Fax #	406-245-1361	
1-801-359-3940			

DAILY OPERATING REPORTBALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E

Duchesne County, Utah

1008.2' FSL, 892.3' FEL

PTD: 5700' Formation: Green River

Green River Prospect/Monument Butte Field

Elevations: 5164.3' GL

Contractor: Union Drilling Rig #18

Operator: Balcron/EREC

Spud:

Casing:

---TIGHT HOLE---

7-29-93 Present Operation: Start building location & road.

7-30-93 Present Operation: Work on location & road.

7-31-93 Present Operation: Work on location & road.

8-1-93 Present Operation: Finish location & install pit liner.
DC: Not given CC: \$13,550

8-3-93 Present Operation: Move rig.
Haul some water to reserve pit. Start moving on location
with drilling rig.
DC: \$2,802 CC: \$16,352

8-4-93 TD: 272' (272') Day 1
Formation: Uinta
Present Operation: Blow hole.
Spud @ 11:15 PM 8/3/93. Haul water to reserve. Move rig
& rig up, drill, & set 13-3/8 conductor pipe. Install
rotating head & drill 12-1/4 hole to 272'.
DC: \$3,796 CC: \$20,148

8-5-93 TD: 272' (0') Day 2
Present Operation: Drilling.
Blow hole, trip out, nipple down air head & pull
conductor. Run 6 jts 8-5/8" casing & use Dowell to
cement. WOC, cut off casing & weld on casing head.
Nipple up BOP, test BOP & manifold to 2000 psi, OK.
Casing would not test. Run packer & test to 1500 psi,
OK. Put on flow line & drill cement. Cement with 150 sx
Class G 2% CCL & 1/4# per sack Celloflake - approx 5 BBLs
return. Plug down @ 9:00 AM 8/4/93.
DC: \$7,049 CC: \$27,197

DAILY OPERATING REPORTBALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E

Duchesne County, Utah

1008.2' FSL, 832.3' FEL

PTD: 5700' Formation: Green River

Green River Prospect/Monument Butte Field

Elevations: 5164.3' GL

Contractor: Union Drilling Rig #18

Operator: Balcron/EREC

Spud:

Casing:

---TIGHT HOLE---

7-29-93 Present Operation: Start building location & road.

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Class G 2% CCL & 1/4# per sack Celloflake - approx 5 BBLs
return. Plug down @ 9:00 AM 8/4/93.
DC: \$7,049 CC: \$27,197



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

August 4, 1993

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

Gentlemen:

RE: Balcron Monument Federal #44-14Y
SE SE Section 14, T9S, R17E
Uintah County, Utah

Enclosed is our Entity Action form along with a copy of the Federal notice of spud of the referenced well. Also enclosed is our sundry correcting the county name and noting the correct API number of this well.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

RECEIVED

AUG 06 1993

DIVISION OF
OIL, GAS & MINING

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

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11506	43-047-32438	Balcron Monument Fed. #44-14Y	SE SE	14	9S	17E	Uintah	8/3/93	8/3/93

WELL 1 COMMENTS: Entity added 8-10-93. fee
 Spud of new well.

RECEIVED

AUG 06 1993

DIVISION OF
 OIL GAS & MINING

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

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

DATE: August 4, 1993

Bohnie 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

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14X

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-12-93 TD: 5,650' (0') Day 9
Formation: Green River
Present Operation: Prepare to cement.
Circulate for logs, trip out, rig up Halliburton Logging Services. Log well. Run drill collars in hole & trip in hole, & circulate. Lay down drill pipe. Unload 5-1/2" casing, run 5-1/2" casing, circulate pipe for 1 hour.
DC: \$16,388 CC: \$120,000

8-13-93 TD: 5,650' (0') Day 10
Present Operation: Move rig.
Release rig @ 11:00 AM, 8/12/93. Circulate casing, RU Halliburton & cement 5-1/2" casing. Good returns & just started getting gray water when plug bumped. Fluid went back down hole. Get slips & cut pipe off. Nipple down BOP & clean mud tank. Plug down @ 7:20 AM, 8/12/93.
DC: \$47,783 CC: \$167,783

8-13-93 Present Operation: Shut in.
Clean & level location. Set anchors.
DC: \$1,273 CC: \$169,056

8-14-93 Present Operation: Shut in.
Install tubing head.
DC: \$114 CC: \$169,170

8-15-93 Present Operation: TIH.
MIRU AAA Well Service Rig #1. NU well head, NU BOP.
Move in 500 BBL Frac Master tank.
DC: \$3,884 CC: \$173,054

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-12-93 TD: 5,650' (0') Day 9
 Formation: Green River
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 Circulate for logs, trip out, rig up Halliburton Logging Services. Log well. Run drill collars in hole & trip in hole, & circulate. Lay down drill pipe. Unload 5-1/2" casing, run 5-1/2" casing, circulate pipe for 1 hour.
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BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

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Uintah County, Utah

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Uintah County, Utah

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BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-6-93 TD: 1,301' (1,029') Day 3
Formation: Uintah
Present Operation: Drilling.
Drill, survey, change air head drill. Geologist & mud loggers working.
DC: \$13,759 CC: \$40,938

8-8-93 TD: 3,522' (1,025') Day 5
MW 8.7 Vis 27 pH 10.7
Formation: Green River
Present Operation: Drilling.
Drill, survey, clean on rig. Hole making about 10 BBLS water per hour. First got wet @ 300'. No big increase anywhere.
DC: \$13,711 CC: \$70,626

8-9-93 TD: 4,107' (585') Day 6
MW 8.5 Vis 27 pH 10.1
Formation: Green River
Present Operation: Trip in hole.
Drill, survey, trip out for bit. Start trip in hole.
Blow water from 3,000' down.
DC: \$8,882 CC: \$79,508

PLEASE NOTE --> CORRECT COUNTY FOR THIS WELL IS UNITAH COUNTY.
CORRECT API# IS 43-047-32438.

8-10-93 TD: 4,950' (843') Day 7
MW 8.5 Vis 27 pH 10.1
Formation: Green River
Present Operation: Drilling.
Blowing water going in hole, ream 50' to bottom. Drill, survey.
DC: \$12,518 CC: \$92,026

8-11-93 TD: 5,650' (700') Day 8
MW 8.5 Vis 27 pH 10.4
Formation: Green River
Present Operation: Circulate hole.
Drill, survey, blow hole, circulate hole, pump sweep, short trip, circulate hole.
DC: \$11,590 CC: \$103,612

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

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BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

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Uintah County, Utah

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MW 8.7 Vis 27 pH 10.7
Formation: Green River
Present Operation: Drilling.
Drill, survey, clean on rig. Hole making about 10 BBLs water per hour. First got wet @ 300'. No big increase anywhere.
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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

August 12, 1993

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

Gentlemen:

RE: Balcron Federal #44-14Y
SE SE Section 14, T9S, R17E
Uintah County, Utah

43-047-32438

Enclosed is our sundry notice reporting the change from a drilling rig to completion rig.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosure

cc: Utah Division of Oil, Gas and Mining

RECEIVED

AUG 13 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-64806

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 #44-14Y

9. API Well No.
43- 047-32438

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

11. County or Parish, State
Uintah County, UTAH

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)

SE SE Section 14, T9S, R17E
1008.2' FSL, 832.3' FEL

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other replacement rig
- 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.)*

Upon completion of drilling operations, operator will be moving off the drilling rig and using Cannon Well Service for completion operations.

RECEIVED

AUG 13 1993

DIVISION OF
OIL, GAS & MINING

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

Signed

Bobbie Schuman
Bobbie Schuman

(This space for Federal or State Office use)

Title

Coordinator of Environmental
and Regulatory Affairs

Date

August 12, 1993

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

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-19-93 Present Operation: Circulating sand.
Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer
& 2-7/8" tbg to 4,800'. Did not tag fill. POOH to 4,700', set
packer. Made six swab runs. Recovered 36 bbls water, well flowed
15 bbls oil & 30 bbls water, pumped 75 bbls water down tbg to kill
well. Release packer & TIH to 5,300'. Tag sand @5,300', tbg
plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25
bbls water. TOOH to 4,550'. SWIFN. Load to recover from 8-18-93
- 426 bbls; load used 100 bbls water; load recovered 60 bbls water;
total load to recover 466 bbls water.
DC: \$8,184 CC: \$219,090

8-23-93 Clean sand out of flat tank. Pull water from pit.
DC: \$8,708 CC: \$227,798

8-24-93 Clean up location. Start pads. Reclaim pit.
DC: \$1,933 CC: \$229,731

8-25-93 Continue surface equipment hook-up.
DC: \$2,890 CC: \$232,621

8-26-93 Continue surface equipment hook-up.
DC: \$15,412 CC: \$248,033

8-27-93 Continue surface equipment hook-up.
DC: \$1,319 CC: \$249,352

8-28-93 Continue surface equipment hook-up.
DC: \$790 CC: \$250,142

8-30-93 Continue surface equipment hook-up. Start well pumping @ 1630 hrs.
SPM = 7; stroke length = 54".
DC: \$469 CC: \$250,611

8-31-93 -0- STBO & 60 STBW, pumped 16 hrs.

8-31-93 Continue clean up & dikes.
DC: \$795 CC: \$251,406

9-1-93 20 STBO & 105 STBW. 200 PSIG on csg gas. Returning load water.

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

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Uintah County, Utah

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DAILY OPERATING REPORT

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DC: \$15,412 CC: \$248,033

8-27-93 Continue surface equipment hook-up.
DC: \$1,319 CC: \$249,352

8-28-93 Continue surface equipment hook-up.
DC: \$790 CC: \$250,142

8-30-93 Continue surface equipment hook-up. Start well pumping @ 1630 hrs.
SPM = 7; stroke length = 54".
DC: \$469 CC: \$250,611

8-31-93 -0- STBO & 60 STBW, pumped 16 hrs.

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14X

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-19-93 Present Operation: Circulating sand.
Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer & 2-7/8" tbg to 4,800'. Did not tag fill. POOH to 4,700', set packer. Made six swab runs. Recovered 36 bbls water, well flowed 15 bbls oil & 30 bbls water, pumped 75 bbls water down tbg to kill well. Release packer & TIH to 5,300'. Tag sand @5,300', tbg plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25 bbls water. TOOH to 4,550'. SWIFN. Load to recover from 8-18-93 - 426 bbls; load used 100 bbls water; load recovered 60 bbls water; total load to recover 466 bbls water.
DC: \$8,184 CC: \$219,090

8-23-93 Clean sand out of flat tank. Pull water from pit.
DC: \$8,708 CC: \$227,798

8-24-93 Clean up location. Start pads. Reclaim pit.
DC: \$1,933 CC: \$229,731

8-25-93 Continue surface equipment hook-up.
DC: \$2,890 CC: \$232,621

8-26-93 Continue surface equipment hook-up.
DC: \$15,412 CC: \$248,033

8-27-93 Continue surface equipment hook-up.
DC: \$1,319 CC: \$249,352

8-28-93 Continue surface equipment hook-up.
DC: \$790 CC: \$250,142

8-30-93 Continue surface equipment hook-up. Start well pumping @ 1630 hrs. SPM = 7; stroke length = 54".
DC: \$469 CC: \$250,611

8-31-93 -0- STBO & 60 STBW, pumped 16 hrs.

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-19-93 Present Operation: Circulating sand.
Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer
& 2-7/8" tbg to 4,800'. Did not tag fill. POOH to 4,700', set
packer. Made six swab runs. Recovered 36 bbls water, well flowed
15 bbls oil & 30 bbls water, pumped 75 bbls water down tbg to kill
well. Release packer & TIH to 5,300'. Tag sand @5,300', tbg
plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25
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- 426 bbls; load used 100 bbls water; load recovered 60 bbls water;
total load to recover 466 bbls water.
DC: \$8,184 CC: \$219,090

8-23-93 Clean sand out of flat tank. Pull water from pit.
DC: \$8,708 CC: \$227,798

8-24-93 Clean up location. Start pads. Reclaim pit.
DC: \$1,933 CC: \$229,731

8-25-93 Continue surface equipment hook-up.
DC: \$2,890 CC: \$232,621

8-26-93 Continue surface equipment hook-up.
DC: \$15,412 CC: \$248,033

8-27-93 Continue surface equipment hook-up.
DC: \$1,319 CC: \$249,352

8-28-93 Continue surface equipment hook-up.
DC: \$790 CC: \$250,142

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-19-93 Present Operation: Circulating sand.
Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer & 2-7/8" tbg to 4,800'. Did not tag fill. POOH to 4,700', set packer. Made six swab runs. Recovered 36 bbls water, well flowed 15 bbls oil & 30 bbls water, pumped 75 bbls water down tbg to kill well. Release packer & TIH to 5,300'. Tag sand @5,300', tbg plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25 bbls water. TOOH to 4,550'. SWIFN. Load to recover from 8-18-93 - 426 bbls; load used 100 bbls water; load recovered 60 bbls water; total load to recover 466 bbls water.
DC: \$8,184 CC: \$219,090

8-23-93 Clean sand out of flat tank. Pull water from pit.
DC: \$8,708 CC: \$227,798

8-24-93 Clean up location. Start pads. Reclaim pit.
DC: \$1,938 CC: \$229,731

8-25-93 Continue surface equipment hook-up.
DC: \$2,890 CC: \$232,621

8-26-93 Continue surface equipment hook-up.
DC: \$15,412 CC: \$248,033

BALCRO OIL
DAILY OPERATING REPORT

BALCRO FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-19-93 Present Operation: Circulating sand.
Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer & 2-7/8" tbg to 4,800'. Did not tag fill. POOH to 4,700', set packer. Made six swab runs. Recovered 36 bbls water, well flowed 15 bbls oil & 30 bbls water, pumped 75 bbls water down tbg to kill well. Release packer & TIH to 5,300'. Tag sand @5,300', tbg plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25 bbls water. TOOH to 4,550'. SWIFN. Load to recover from 8-18-93 - 426 bbls; load used 100 bbls water; load recovered 60 bbls water; total load to recover 466 bbls water.
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8-23-93 Clean sand out of flat tank. Pull water from pit.
DC: \$8,708 CC: \$227,798

8-24-93 Clean up location. Start pads. Reclaim pit.
DC: \$1,933 CC: \$229,731

8-25-93 Continue surface equipment hook-up.
DC: \$2,890 CC: \$232,621

8-26-93 Continue surface equipment hook-up.
DC: \$15,412 CC: \$248,033

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14X

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-19-93 Present Operation: Circulating sand.
Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer & 2-7/8" tbg to 4,800'. Did not tag fill. POOH to 4,700', set packer. Made six swab runs. Recovered 36 bbls water, well flowed 15 bbls oil & 30 bbls water, pumped 75 bbls water down tbg to kill well. Release packer & TIH to 5,300'. Tag sand @5,300', tbg plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25 bbls water. TOOH to 4,550'. SWIFN. Load to recover from 8-18-93 - 426 bbls; load used 100 bbls water; load recovered 60 bbls water; total load to recover 466 bbls water.
DC: \$8,184 CC: \$219,090

8-23-93 Clean sand out of flat tank. Pull water from pit.
DC: \$8,708 CC: \$8,708

8-24-93 Clean up location. Start pads. Reclaim pit.
DC: \$1,938 CC: \$10,641

8-25-93 Continue surface equipment hook-up.
DC: \$2,890 CC: 13,531

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14X

Location: SE SE section 14, T9S, R17E
 Uintah County, Utah

---TIGHT HOLE---

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- 8-23-93 Clean sand out of flat tank. Pull water from pit.
 DC: \$8,708 CC: \$8,708
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BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14X

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

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Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer & 2-7/8" tbg to 4,800'. Did not tag fill. POOH to 4,700', set packer. Made six swab runs. Recovered 36 bbls water, well flowed 15 bbls oil & 30 bbls water, pumped 75 bbls water down tbg to kill well. Release packer & TIH to 5,300'. Tag sand @5,300', tbg plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25 bbls water. TOOH to 4,550'. SWIFN. Load to recover from 8-18-93 - 426 bbls; load used 100 bbls water; load recovered 60 bbls water; total load to recover 466 bbls water.
DC: \$8,184 CC: \$219,090
- 8-23-93 Clean sand out of flat tank. Pull water from pit.
DC: \$8,708 CC: \$8,708
- 8-24-93 Clean up location. Start pads. Reclaim pit.
DC: \$1,933 CC: \$10,641

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
 Uintah County, Utah

---TIGHT HOLE---

- 8-19-93 Present Operation: Circulating sand.
 Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbq, packer
 & 2-7/8" tbq to 4,800'. Did not tag fill. FOOH to 4,700', set
 packer. Made six swab runs. Recovered 36 bbls water, well flowed
 15 bbls oil & 30 bbls water, pumped 75 bbls water down tbq to kill
 well. Release packer & TIH to 5,300'. Tag sand @5,300', tbq
 plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25
 bbls water. TOOH to 4,550'. SWIFN. Load to recover from 8-18-93
 - 426 bbls; load used 100 bbls water; load recovered 60 bbls water;
 total load to recover 466 bbls water.
 DC: \$8,184 CC: \$219,090
- 8-23-93 Clean sand out of flat tank. Pull water from pit.
 DC: \$8,708 CC: \$8,708
- 8-24-93 Clean up location. Start pads. Reclaim pit.
 DC: \$1,933 CC: \$10,641

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-19-93 Present Operation: Circulating sand.
Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer
& 2-7/8" tbg to 4,800'. Did not tag fill. POOH to 4,700', set
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BALCRON OIL
DAILY OPERATING REPORT

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Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

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BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

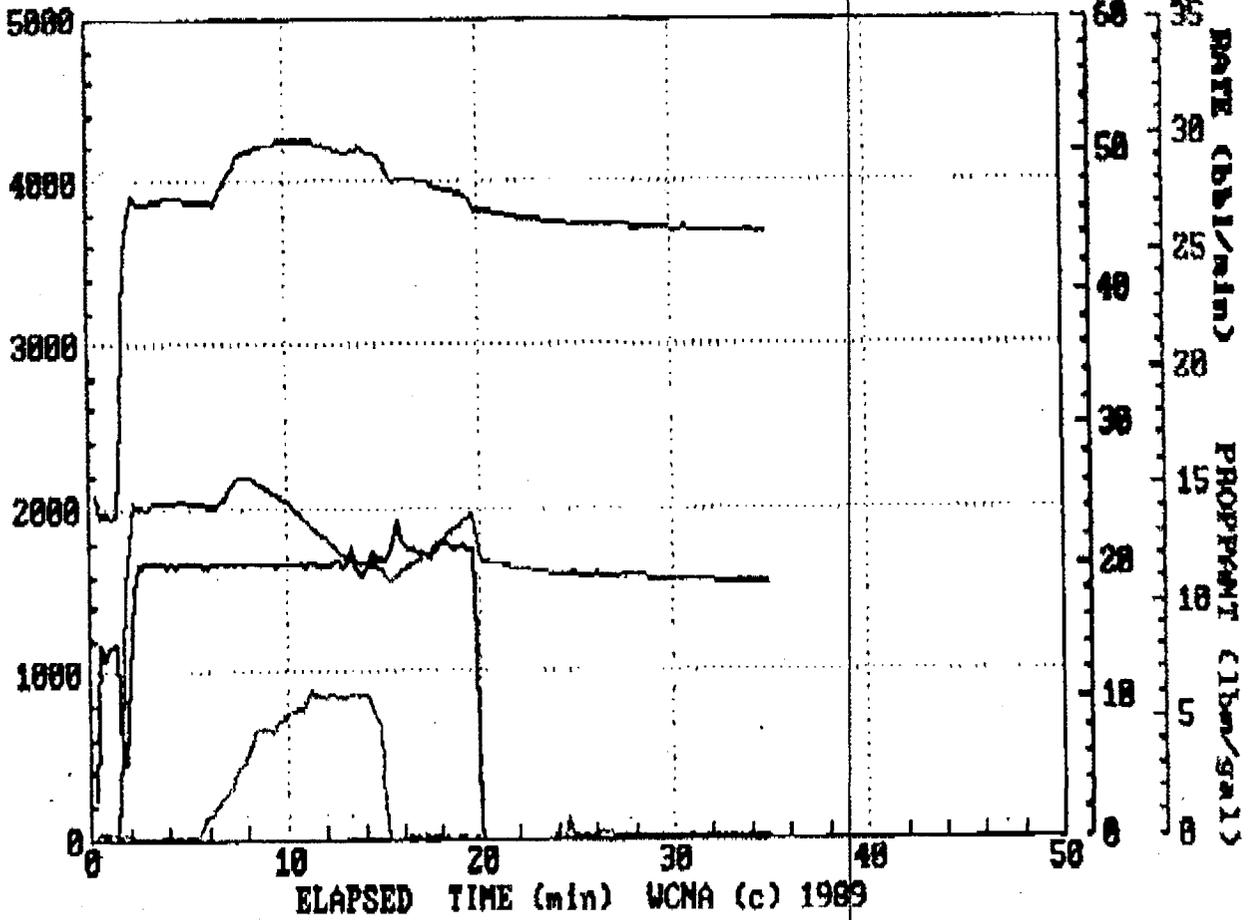
8-17-93 Present Operation: Logging (CBL) & Perforating. Pressure test csg and BOP 1000 PSIG OK. TOOH with 140 jts 2-7/8" tbg scraper & bit. RU Cutter Wireline to bond log and perf. Cement top at 247' KB. Perf 4,745'-58' 2 SPF. RD Cutters. TIH with packer, S/N & tbg. Set packer at 4,693'. Rig up Western to do breakdown. Break at 3100 psi. Pumped 60 balls, 98 BOW, got ball action but no ball off. Max pressure 3500 psi. Flowed & swabbed well, recovered 29 BOW w/trace oil. TOOH w/52 jts 2-7/8' tbg. SWIFN. Load to recover 78 BOW.
DC: \$8,563 CC: \$193,465

8-18-93 Present Operation: SIFD. TOOH w/tbg & packer. SICP = 15 PSIG. Test surface equipment 4500 PSIG - OK. Start load hole. Start pad rate 20.1 BPM, PSIG 2050 psi, 95 bbls water.

SAND	RATE	PRESSURE	BBL. SLURRY
2# 20/40	20.2	2020	10
3# 20/40	20.0	2100	22
4# 20/40	20.2	2150	25
5# 20/40	20.0	2130	32
6# 20/40	20.0	1880	44
6# 16/30	19.5	1730	43
7# 16/30	RUN OUT OF SAND		

Flush; frac complete. ISIP 1750 psi, 5 minutes 1600 psi, 10 minutes 1570 psi, 15 minutes 1550 psi. SWIFD. Load used today 348 bbls water. Load to be recovered from 8-16-93 = 78 bbls water. Total load to recover - 426 bbls water.
DC: \$17,441 CC: \$210,906

SURFACE PRESSURE (psi)
 CALC. ACTUAL TOOL BHTP (psi)



ELAPSED TIME (min) WCNA (c) 1989

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-17-93 Present Operation: Logging (CBL) & Perforating. Pressure test csg and BOP 1000 PSIG OK. TOOH with 140 jts 2-7/8" tbg scraper & bit. RU Cutter Wireline to bond log and perf. Cement top at 247' KB. Perf 4,745'--58' 2 SPF. RD Cutters. TIH with packer, S/N & tbg. Set packer at 4,693'. Rig up Western to do breakdown. Break at 3100 psi. Pumped 60 balls, 98 BOW, got ball action but no ball off. Max pressure 3500 psi. Flowed & swabbed well, recovered 29 BOW w/trace oil. TOOH w/52 jts 2-7/8' tbg. SWIFN. Load to recover 78 BOW.
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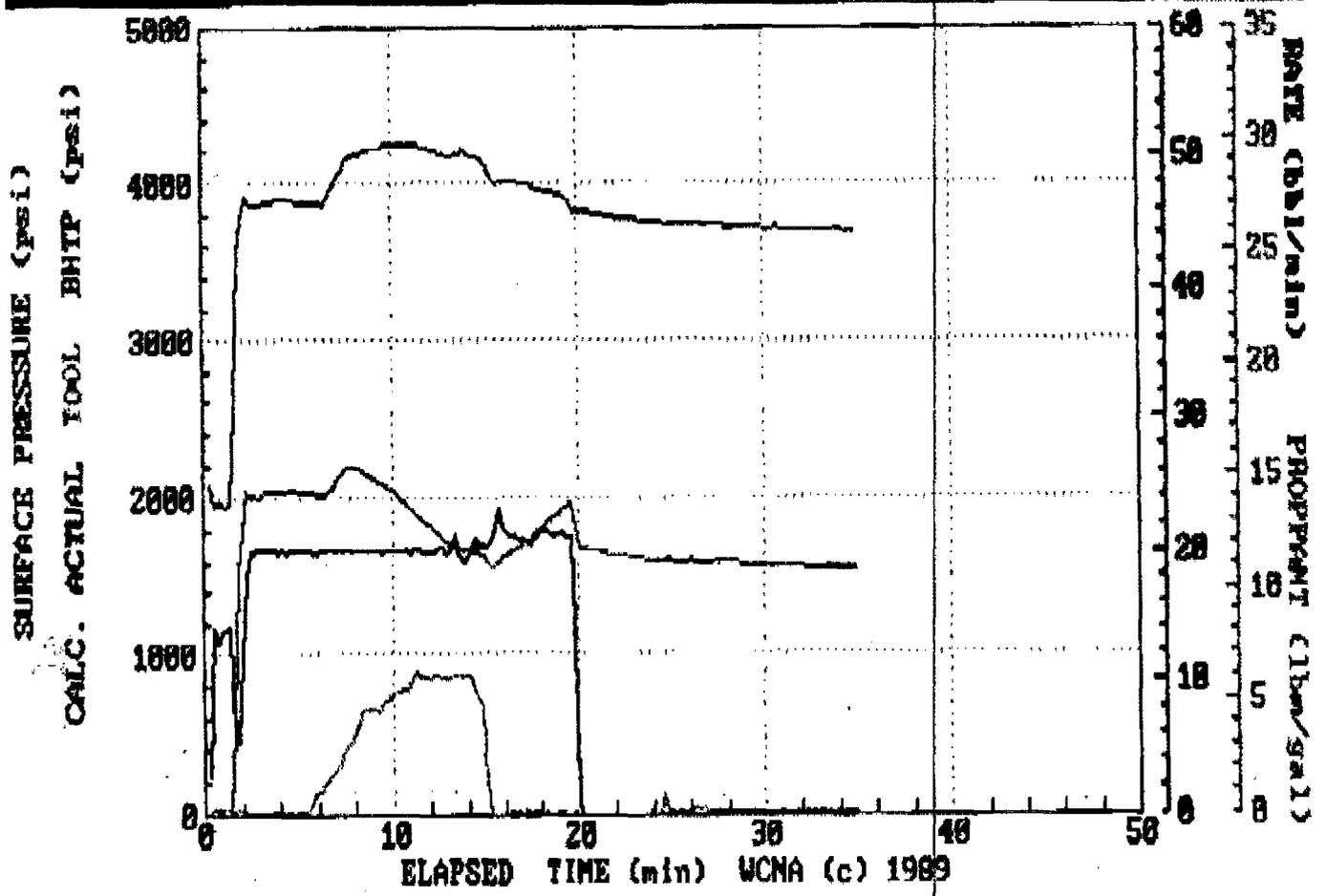
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DC: \$17,441

CC: \$210,906



BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

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and perf. Cement top at 247' KB. Perf 4,745'-58' 2 SPF.
RD Cutters. TIH with packer, S/N & tbg. Set packer at
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BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E

Uintah County, Utah

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BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-12-93 TD: 5,650' (0') Day 9
Formation: Green River
Present Operation: Prepare to cement.
Circulate for logs, trip out, rig up Halliburton Logging Services. Log well. Run drill collars in hole & trip in hole, & circulate. Lay down drill pipe. Unload 5-1/2" casing, run 5-1/2" casing, circulate pipe for 1 hour.
DC: \$16,388 CC: \$120,000

8-13-93 TD: 5,650' (0') Day 10
Present Operation: Move rig.
Release rig @ 11:00 AM, 8/12/93. Circulate casing, RU Halliburton & cement 5-1/2" casing. Good returns & just started getting gray water when plug bumped. Fluid went back down hole. Get slips & cut pipe off. Nipple down BOP & clean mud tank. Plug down @ 7:20 AM, 8/12/93.
DC: \$47,783 CC: \$167,783

8-13-93 Present Operation: Shut in.
Clean & level location. Set anchors.
DC: \$1,273 CC: \$169,056

8-14-93 Present Operation: Shut in.
Install tubing head.
DC: \$114 CC: \$169,170

8-15-93 Present Operation: TIH.
MIRU AAA Well Service Rig #1. NU well head, NU BOP. Move in 500 BBL Frac Master tank.
DC: \$3,884 CC: \$173,054

8-16-93 Present Operation: Picking up tubing.
TIH w/4-3/4" drag bit & 2-7/8" EUE, J-55, 8 rd 6.5# tbg. Tag PBTB @ 5,591' KB. Circulate well clean w/152 BBLs of 2% KCL water. TOOH w/16 stands of tbg. Rig broke down, SDFN.
DC: \$11,848 DC: \$184,902

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14X

Location: SE SE Section 14, T9S, R17E

Uintah County, Utah

---TIGHT HOLE---

8-12-93 TD: 5,650' (0') Day 9
Formation: Green River
Present Operation: Prepare to cement.
Circulate for logs, trip out, rig up Halliburton Logging Services. Log well. Run drill collars in hole & trip in hole, & circulate. Lay down drill pipe. Unload 5-1/2" casing, run 5-1/2" casing, circulate pipe for 1 hour.
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DC: \$11,848 DC: \$184,902



**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 [X]

August 30, 1993

RECEIVED

SEP 01 1993

**DIVISION OF
OIL, GAS & MINING**

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

Gentlemen:

Enclosed are sundry notices laying out the proposed site facility diagrams for the following wells:

Balcron Federal #21-13Y

Balcron Federal #41-21Y

Balcron Federal #44-14Y

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and 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-64806

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 #44-14Y

9. API Well No.
43-047-32438

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

11. County or Parish, State

Uintah County, UTAH

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)

**SE SE Section 14, T9S, R17E
1008.2' FSL, 832.3' FEL**

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

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

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

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

Attached is our proposed production facility diagram for this well.

RECEIVED

SEP 01 1993

**DIVISION OF
OIL, GAS & MINING**

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

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

**Coordinator of Environmental
and Regulatory Affairs**

Title

Date

August 30, 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.

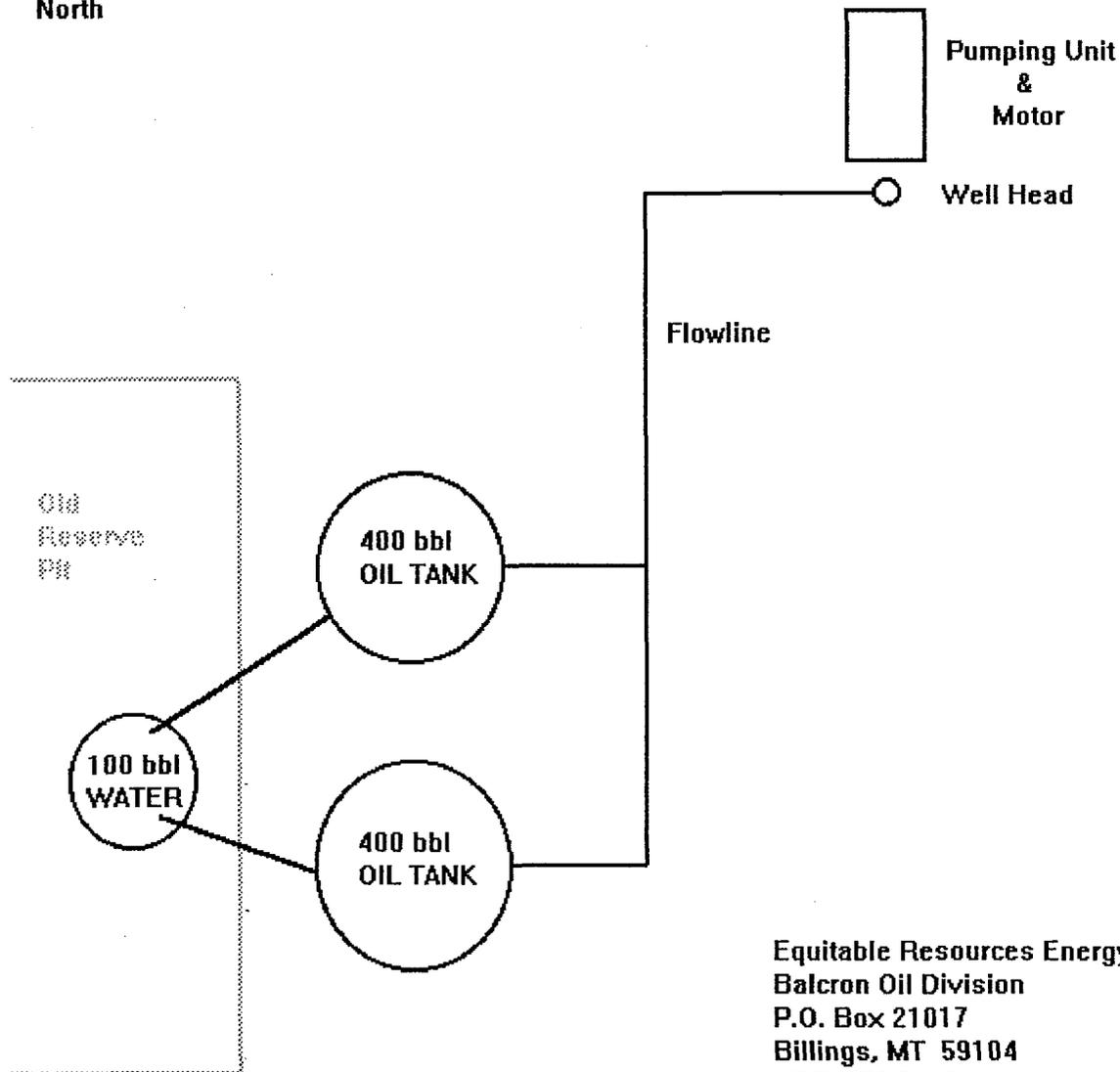
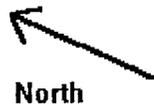
*See Instruction on Reverse Side

Equitable Resources Energy Company

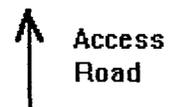
Balcron Federal 44-14Y

Proposed Production Facility Diagram

Balcron Federal 44-14Y
SE SE Section 14, T9S, R17E
Duchesne County, Utah
Federal Lease #U-64806
1008.2' FSL, 832.3' FEL



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



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

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

Well Name: BALCRON FED #44-14Y API Number: 43-047-32438
Section: 14 Township: 9S Range: 17E County: UINTAH Field:
MONUMENT BUTTES
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 Centrifugal

LIFT METHOD:
Y Pumpjack Hydraulic Submersible Flowing

GAS EQUIPMENT:
N Gas Meters Purchase Meter N Sales Meter

TANKS:	NUMBER	SIZE
	<u>Y</u> Oil Storage Tank(s)	<u>2-400 PRODUCTION</u> BBLs
	<u> </u> Water Tank(s)	<u> </u> BBLs
	<u>Y</u> Power Water Tank	<u>1-80 PIT TANK</u> BBLs
	<u> </u> Condensate Tank(s)	<u> </u> BBLs
	<u>Y</u> Propane Tank	<u> </u> BBLs

REMARKS: 2-400 BARREL WITH BURNERS; PJ WITH GAS MOTOR; FLOWLINE HEATED BY
MOTOR EXHAUST.

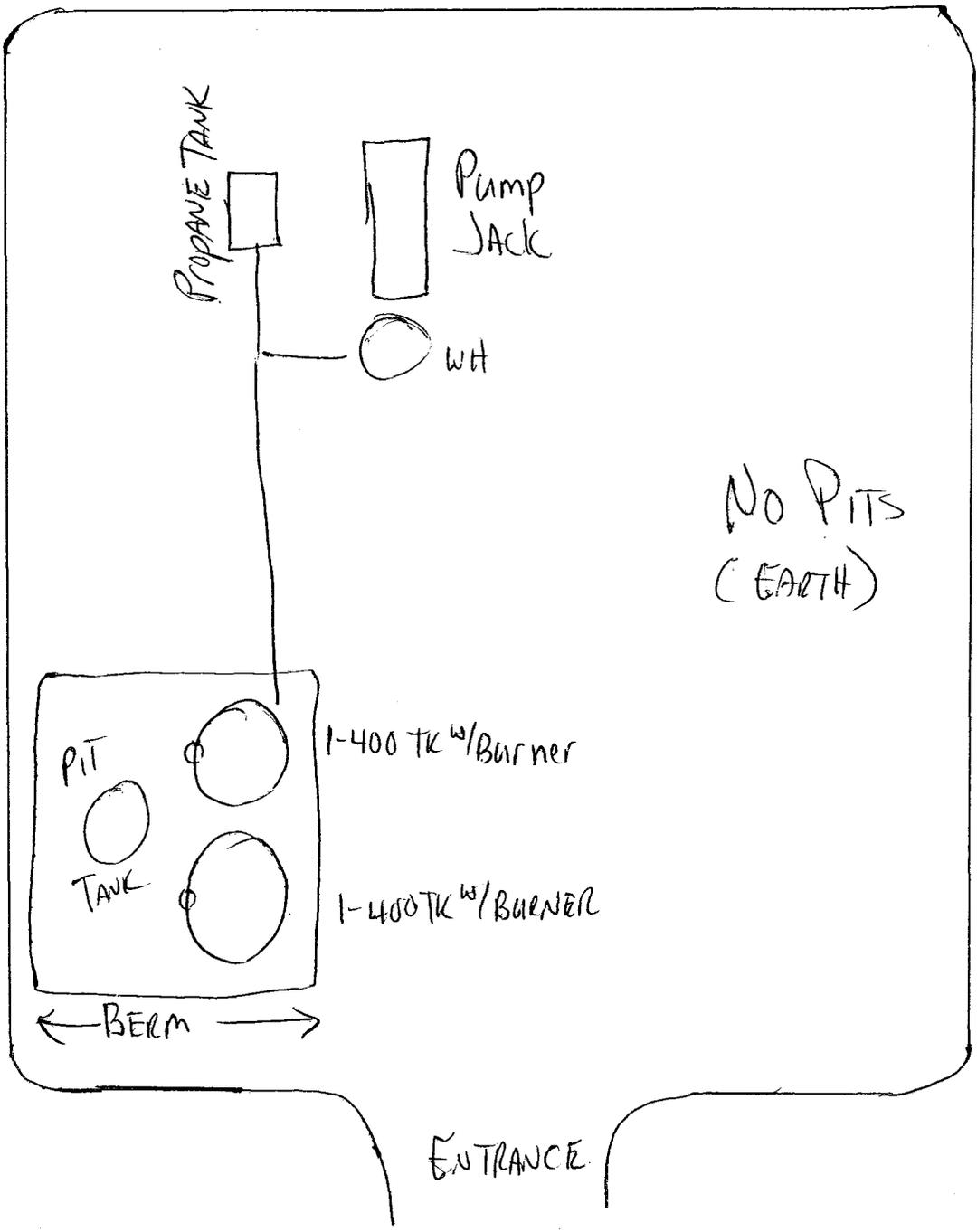
Location central battery: Qtr/Qtr: Section: Township:
Range:

Inspector: DENNIS INGRAM Date: 9/3/93

EAST



BALCON FED. # 44-144
SEC 14 T9S R17E U10TAH
43-047-32438



BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

9-4-93 80 STBO & 5 STBW.
9-5-93 77 STBO & 5 STBW.
9-6-93 87 STBO & 2 STBO.

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

- 8-19-93 Present Operation: Circulating sand.
Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer & 2-7/8" tbg to 4,800'. Did not tag fill. POOH to 4,700', set packer. Made six swab runs. Recovered 36 bbls water, well flowed 15 bbls oil & 30 bbls water, pumped 75 bbls water down tbg to kill well. Release packer & TIH to 5,300'. Tag sand @5,300', tbg plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25 bbls water. TOOH to 4,550'. SWIFN. Load to recover from 8-18-93 - 426 bbls; load used 100 bbls water; load recovered 60 bbls water;
DC: \$8,184 CC: \$219,090
- 8-23-93 Clean sand out of flat tank. Pull water from pit.
DC: \$8,708 CC: \$227,798
- 8-24-93 Clean up location. Start pads. Reclaim pit.
DC: \$1,933 CC: \$229,731
- 8-25-93 Continue surface equipment hook-up.
DC: \$2,890 CC: \$232,621
- 8-26-93 Continue surface equipment hook-up.
DC: \$15,412 CC: \$248,033
- 8-27-93 Continue surface equipment hook-up.
DC: \$1,319 CC: \$249,352
- 8-28-93 Continue surface equipment hook-up.
DC: \$790 CC: \$250,142
- 8-30-93 Continue surface equipment hook-up. Start well pumping @ 1630 hrs. SPM = 7; stroke length = 54".
DC: \$469 CC: \$250,611
- 8-31-93 -0- STBO & 60 STBW, pumped 16 hrs.
- 8-31-93 Continue clean up & dikes.
DC: \$795 CC: \$251,406
- 9-1-93 20 STBO & 105 STBW. 200 PSIG on csg gas. Returning load water.
- 9-2-93 40 STBO & 40 STBW, pumped 24 hrs.
- 9-3-93 45 STBO & 10 STBW, pumped 24 hrs. 20 psig csg.

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-19-93 Present Operation: Circulating sand.
Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer & 2-7/8" tbg to 4,900'. Did not tag fill. POOH to 4,700', set packer. Made six swab runs. Recovered 36 bbls water, well flowed 15 bbls oil & 30 bbls water, pumped 75 bbls water down tbg to kill well. Release packer & TIH to 5,300'. Tag sand @5,300', tbg plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25 bbls water. TOOH to 4,550'. SWIFN. Load to recover from 8-18-93 - 426 bbls; load used 100 bbls water; load recovered 60 bbls water; total load to recover 466 bbls water.
DC: \$8,184 CC: \$219,090

8-23-93 Clean sand out of flat tank. Pull water from pit.
DC: \$8,708 CC: \$227,798

8-24-93 Clean up location. Start pads. Reclaim pit.
DC: \$1,933 CC: \$229,731

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DC: \$2,890 CC: \$232,621

8-26-93 Continue surface equipment hook-up.
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8-27-93 Continue surface equipment hook-up.
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9-2-93 40 STBO & 40 STBW, pumped 24 hrs.

9-3-93 45 STBO & 10 STBW, pumped 24 hrs. 20 psig csg.

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-19-93 Present Operation: Circulating sand.
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9-2-93 40 STBO & 40 STBW, pumped 24 hrs

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E

Uintah County, Utah

---TIGHT HOLE---

8-19-93 Present Operation: Circulating sand.
Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer & 2-7/8" tbg to 4,800'. Did not tag fill. POOH to 4,700', set packer. Made six swab runs. Recovered 36 bbls water, well flowed 15 bbls oil & 30 bbls water, pumped 75 bbls water down tbg to kill well. Release packer & TIH to 5,300'. Tag sand @5,300', tbg plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25 bbls water. TOOH to 4,550'. SWIFN. Load to recover from 8-18-93 - 426 bbls; load used 100 bbls water; load recovered 60 bbls water; total load to recover 466 bbls water.
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9-2-93 40 STBO & 40 STBW, pumped 24 hrs



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

August 31, 1993

RECEIVED

SEP 07 1993

DIVISION OF
OIL, GAS & MINING

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

Gentlemen:

Enclosed are our sundry notices reporting first production for the following wells:

Balcron Federal #22-10Y
SE NW Section 10, T9S, R17E
Duchesne County, Utah

Balcron Federal #44-14Y
SE SE Section 14, T9S, R17E
Uintah County, Utah

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and 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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-64806

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 #44-14Y

9. API Well No.
43- 047-32438

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

11. County or Parish, State
Uintah County, UTAH

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)

**SE SE Section 14, T9S, R17E
1008.2' FSL, 832.3' FEL**

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **1st 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 August 30, 1993.

RECEIVED

SEP 07 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 31, 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

BALCRON OIL COMPANY

BALCRON FEDERAL #44-14Y

SE SE SECTION 14, T9S, R17E

UINTAH COUNTY, UTAH

SEP 14 1993

BALCRON OIL COMPANY

BALCRON FEDERAL #44-14Y

SE SE SECTION 14, T9S, R17E

UINTAH COUNTY, UTAH

43-047-32438

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 #44-14Y *wrong API*

FIELD: Monument Butte *IT 15*

LOCATION: 1008' FSL & 832' FEL *43-047-32438*
SE SE SECTION 14, T9S, R17E

API#: 43-013-31393

COUNTY: Uintah

STATE: Utah

BASIN: Uinta

WELL TYPE: Development Well and Potential Water Injection Well

BASIS OF PROSPECT: Oil Production @ Monument Butte Field

ELEVATION: GL: 5164' SUB: 10' KB: 5174'

SPUD DATE: August 3, 1993 @ 2345 hrs MDT

TOTAL DEPTH/DATE: 5650' on August 10, 1993

TOTAL DRILLING DAYS: 7 TOTAL ROTATING HOURS: 120.25

STATUS OF WELL: Cased for Completion on August 11, 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

WELLSITE GEOLOGIST: Roy L. Clement

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

MUDLOGGERS: Larry Vodall and Scott Olson of Continental Labs

SAMPLING PROGRAM: 50' samples from 1200' to 3800'; 30' samples from
3800' to 5650' (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 272'
7 7/8" to TD

CASING:

8 5/8" surface casing set at 272'
5 1/2" production casing to Total Depth

DRILL STEM TEST:

None

CORE PROGRAM:

None

ELECTRIC LOGGING PROGRAM:

1.) DLL/MSFL/GR/CAL from 5638' - 250'
2.) DSN/CDL/GR/CAL from 5638' - 3400'

LOG TOPS:

Green River @ 1160'; Second Garden Gulch @ 3552'; Y-3 @ 3906'; Douglas Creek @ 4316'; R-1 @ 4346'; R-2 @ 4390'; G-3 @ 44745; Carbonate Marker @ 5137'; B-1 @ 5196'; Uteland Butte @ 5542; TD @ 5640'.

LOGGING COMPANY:

Halliburton

LOGGING ENGINEER:

Bob Hale

CORRELATION WELL:

1.) Pauite Oil & Mining Corporation
POMCO #24-15
Ne Nw Section 24, T9S, R17E

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

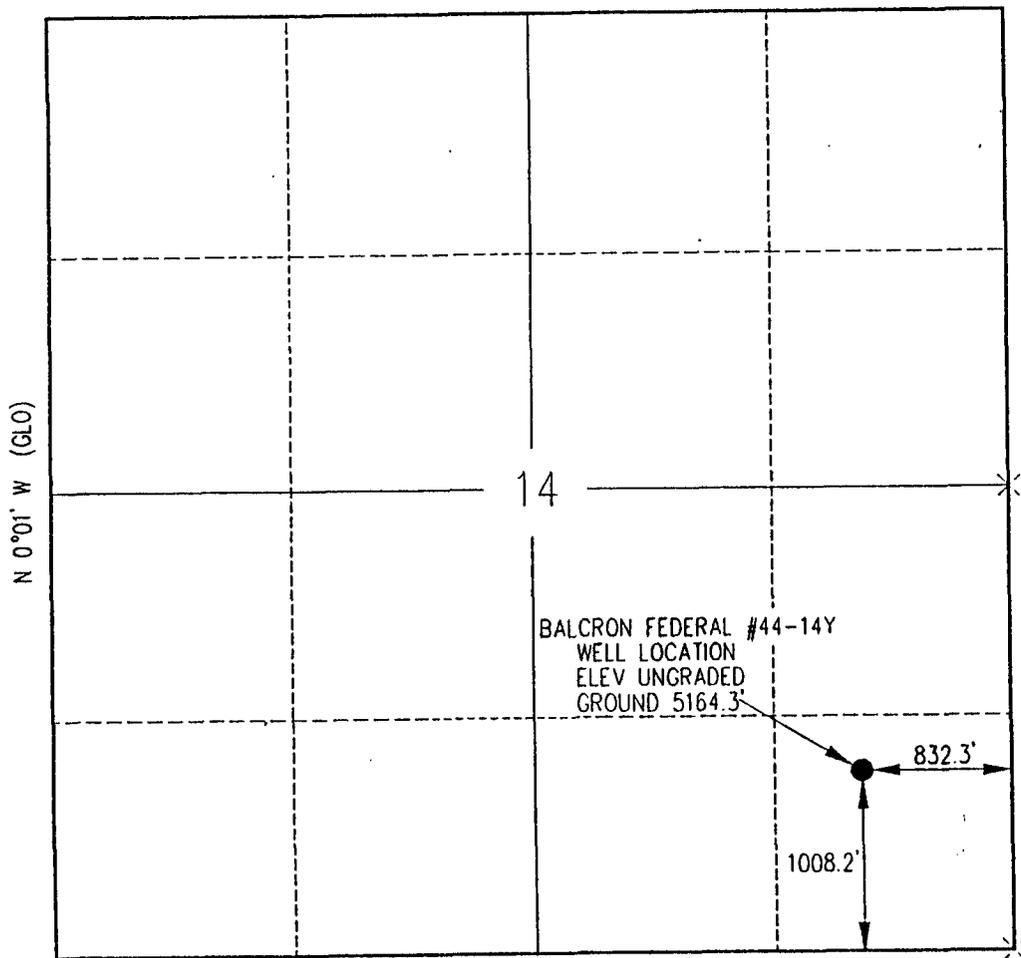
State of Utah
Division of Oil, Gas, and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180

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

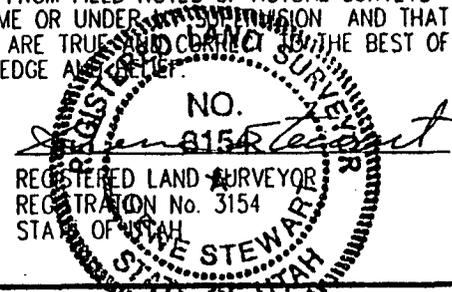
S 89°59' W (GLO)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON FEDERAL #44-14Y,
LOCATED AS SHOWN IN THE SE 1/4 SE 1/4
OF SECTION 14, T9S, R17E, S.L.B. & M,
UINTAH COUNTY UTAH.



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



TRI STATE LAND SURVEYING & CONSULTING 38 EAST 100 NORTH, VERNAL, UTAH 84078 (801) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: SS JC
DATE: 4/28/93	WEATHER: CLEAR & WARM
NOTES:	FILE # 44-14Y

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

EXHIBIT "G"

GEOLOGIC EVALUATION

The Balcron Federal #44-14Y was a continuation of developmental drilling at Monument Butte Field in the Uinta Basin. Operated by Balcron Oil Company, the #44-14Y attempts to extend production along the south eastern edge of the field. Both oil and gas are produced at Monument Butte Field from Tertiary aged sandstones in the Green River Formation, primarily from the Douglas Creek Member.

The Balcron Federal #44-14 was situated in the SE SE of Section 14, T9S, R17 in Uintah County, Utah. The well was spudded on August 3, 1993 and was drilled to a total depth of 5650' in seven days with an air and foam mud system. Although the well was drilled expeditiously, evaluation of drill cuttings and formation gases was arduous due to inconsistent lag times and poor sample quality. Sands tended to slough and comprised a large percentage of subsequent samples for hundreds of feet, particularly with increasing depth. Despite good sample shows, including oil and tar on the pits, the primary pay zones were drilled through with virtually no gas increases. Based essentially on log calculations and sample shows, the Balcron Federal #44-14Y was cased for completion on August 12, 1993.

Zones of Interest: (Note: All depths are based on E-Logs.)

Several samples shows were noted in the shallow up hole section from 1950' to 2900'. Although no gas increases were recorded, samples indicated unconsolidated bituminous sands and carbonaceous shales. Similar shows are commonly noted from this interval through out Monument Butte Field.

The Y-2 Sand was topped at 3850'. Porosity logs proved this zone to be 8' thick with an average 14% cross plotted porosity. Drill cuttings from this interval were comprised of poorly consolidated to unconsolidated Sandstone with no hydrocarbon or gas shows.

The Y-3 Sand was encountered from 3906' to 3912' and consisted of a very fine to medium grained Sandstone with poor consolidation and brown asphaltic staining. Logs indicate 16 to 18% porosity through the Y-3. No gas increases were record from this interval.

An 8' Sandstone averaging 14% porosity occurred above the Douglas Creek at 4263' to 4271'. No gas shows were noted and samples indicated a very fine grained Sandstone grading to Siltstone with no hydrocarbon shows.

The R-1 Sand was present from 4346' to 4355'. Samples were comprised of unconsolidated Sands with a dull yellowgreen fluorescence and moderate cut in solvent. Logs prove the R-1 to

be dirty and tight with the exception of the lower three feet which has a clean gamma ray profile and 19% porosity.

The R-2 Sand was topped at 4391'. This interval was 15' thick with porosity ranging from 17 to 24%. Although no gas increases were recorded, good samples shows and oil on the pits were noted. Samples from the R-2 were comprised of very fine to fine grained unconsolidated Sandstone with brown oil stain and black asphaltic residue. Dirty Gamma ray readings, averaging 75 API units, may indicate poor permeability through the R-2.

The G-3 Sand occurred from 4745' to 4758'. Porosity ranges from 19 to 24% through this 13' thick interval and gamma ray readings indicate a very clean Sandstone. Drill cuttings were comprised of poorly consolidated to unconsolidated Sandstones with brown uniform oil staining. Although oil and tar were noted in the reserve pit, only a slight total gas increase of 2 units above background was registered.

The Balcron Federal #44-14Y topped the Carbonate Marker at 5137' and was drilled through the "Blue Zone" and into the Uteland Butte. Samples from the "Blue Zone" indicated tightly cemented silty Sandstones and logs confirm the absence of porosity in this interval.

Conclusions:

1.) On the basis of log evaluations and sample shows, the G-3 and R-2 Sands appear to have the best potential for commercial oil production at the #44-14Y.

2.) Additional pay may be indicated in the "Yellow" Sands and R-1 Sand. These zones warrant further evaluation through production casing.

Respectfully submitted,



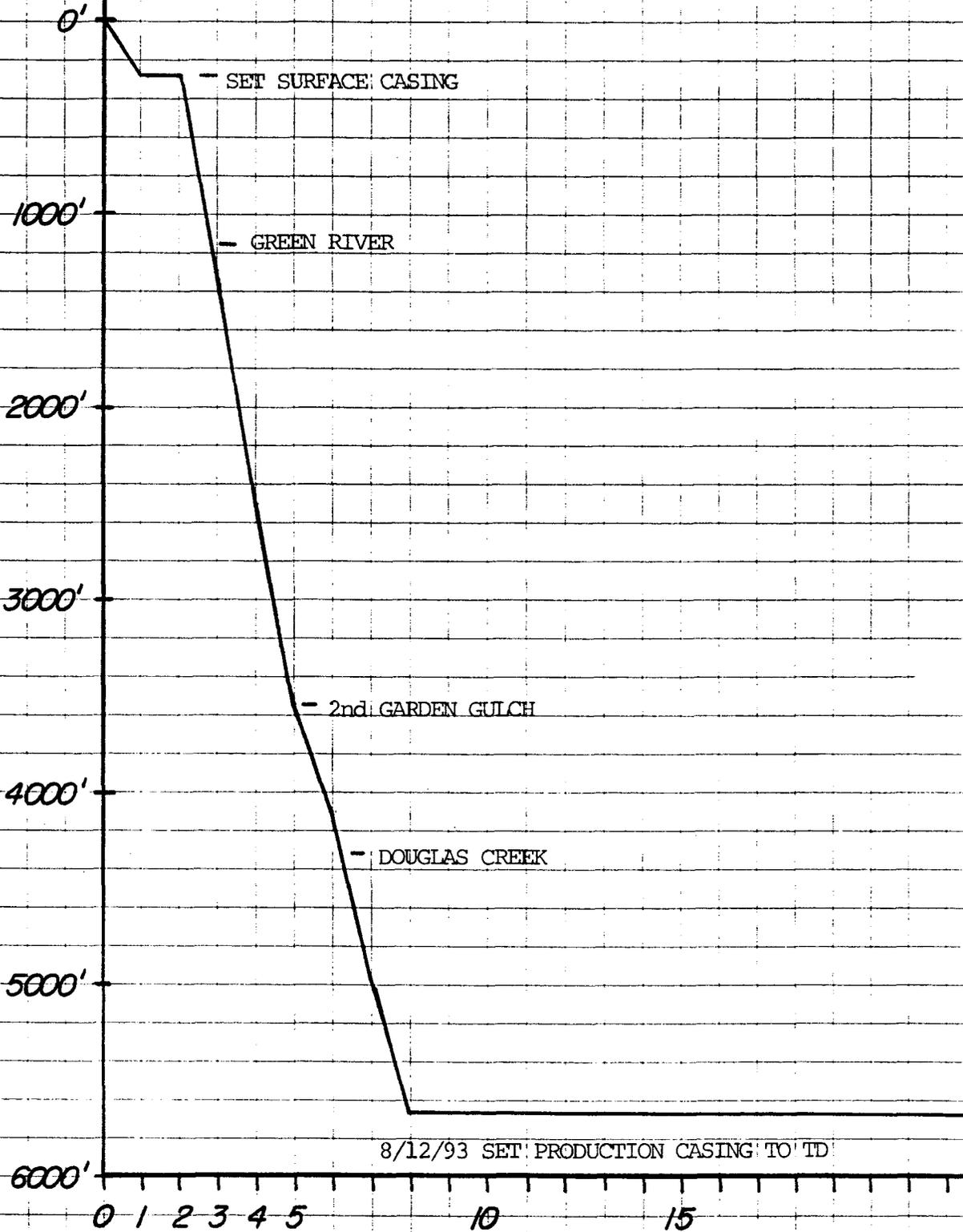
Roy L. Clement
Wellsite Geologist

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	8/3/93	0'	0'	1	6	35	270	Air/Mist			Spud @ 2315 hours MDT	
1	8/4	272'	272'	1	6	35	270	8.6	27	n/c	Set Surface Casing	
2	8/5	272'	0'	2	45	60	270	8.6	27	n/c	Drill ahead	Uinta
3	8/6	1301'	1029'	2	45	60	275	8.3	27	n/c	Drill ahead	Green R.
4	8/7	2497'	1196'	2	45	55	300	8.7	27	n/c	Drill ahead	Green R.
5	8/8	3542'	1045'	2	50	60	270	8.5	27	n/c	Drill ahead	Green R.
6	8/9	4108'	566'	3	45	60	300	8.5	27	n/c	Trip for bit	Green R.
7	8/10	4981'	873'	3	40	55	270	8.5	27	n/c	Drill ahead	Douglas C.
8	8/11	5650'	669'	3	40	50	280	8.5	27	n/c	Run E-Logs	Uteland B.

*Note: drilled with air and foam from under surface casing to TD.

TIME vs DEPTH



DAYS FROM SPUD

BIT RECORD

CONTRACTOR: UNION DRILLING, RIG #17

SPUD: 8/3/93 TOTAL DEPTH: 8/10/93 TOTAL ROTATING HOURS: 120.25

<u>BIT NO.</u>	<u>SIZE</u>	<u>TYPE/MAKE</u>	<u>JETS SIZE</u>	<u>SERIAL #</u>	<u>DEPTH OUT</u>	<u>FEET</u>	<u>HOURS</u>	<u>ACCUM 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	--	272'	272'	6.75	6.75	6	35	-	270	-	-	-
2	7 7/8	RTC HP62A	open	B54640	4108'	3736'	77.25	84.00	45	50	-	270	8	2	I
3	7 7/8	HTC ATJ-44	open	X50PG	5650'	1542'	36.25	120.25	40	50	-	280	2	2	I

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEVIATION</u>
300'	1 ⁰
885'	3/4 ⁰
1385'	1 1/4 ⁰
1909'	1 1/2 ⁰
2434'	2 1/2 ⁰
2930'	2 1/2 ⁰
3399'	2 1/4 ⁰
3897'	2 1/2 ⁰
4397'	4 ⁰
4580'	3 ⁰
5082'	3 3/4 ⁰

FORMATION TOPS AND STRUCTURAL RELATIONSHIPS

SUBJECT WELL: Balcron Federal #44-14Y; SE SE Sec 14, T9S, R17E KB: 5174'
OFFSET #1: POMCO #24-15; NE NW Sec 24, T9S, R17E KB: 5191'

<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>
TERTIARY						
Uinta		Surface				
Green River	1192'	1195'	1160'	4014'	2392'	-19'
2nd Garden Gulch	3564'	3550'	3552'	1622'	354'	-39'
Y-3	----	3900'	3906'	1268'	410'	--
Douglas Creek	4331'	4322'	4316'	858'	1226'	-36'
R-1	4345'	4344'	4346'	828'	8'	-52'
R-2	4387'	4384'	4390'	784'	15'	-54'
G-3	----	4760'	4745'	429'	13'	--
Carbonate Mkr.	5138'	5078'	5137'	37'	7'	-50'
B-1	5198'	5134'	5196'	-22'	346'	-49'
Uteland Butte	----	5538'	5542'	-368'	--	-64'

REFERENCE WELL

PAIUTE OIL & MINING CORP.
POMCO #24-15
 NE NW SEC 24, T9S, R17E
KB: 5191'

<u>AGE and FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>THICK</u>
TERTIARY			
Uinta	Surface		
Green River	1158'	4033'	2372'
2nd Garden Gulch	3530'	1661'	330'
Y-2	3860'	1331'	437'
Douglas Creek	4297'	894'	1217'
R-1	4311'	880'	9'
R-2	4353'	838'	14'
G-5	4798'	393'	32'
Carbonate Marker	5104'	87'	4'
B-1	5164'	27'	350'
Uteland Butte	5514'	-323'	--

LITHOLOGY

NOTE: All samples were lagged and caught by mud loggers. 50' samples were taken from 1200' to 3800' with 30' sample caught from 3800' to total depth. Additional timely samples were caught through all show zones. Sample quality was poor to fair with the air/foam mud system. Descriptions begin at 1550' in the Green River Formation.

1200' - 1550' No returns to surface, hole not cleaning (air drilling).

1550' - 1700' Shale: light brown to graybrown, soft to firm, blocky to sub platy, calcareous to marly, silty in part, trace Pyrite, occasional interbeds of
Dolomite: light graybrown to brown, microcrystalline, firm, dense to chalky, argillaceous to shaly, calcareous

1700' - 1850' Shale: light to medium brown, graybrown, soft to firm, blocky to platy, calcareous to marly, silty, trace Pyrite, trace dull gold scattered fluorescence, slow yellowwhite diffuse cut, grading to
Dolomite: brown to graybrown, microcrystalline, firm, chalky to earthy, argillaceous, calcareous, siliceous in part

1850' - 1950' Limestone: brown to graybrown, crypto to microcrystalline, firm, dense to slightly chalky, argillaceous to shaly, dolomitic, interbeds of
Shale: graybrown to brown, soft to firm, blocky to platy, calcareous to marly, trace Pyrite

1950' - 2050' Sandstone: white, salt and peppered, clear, very fine to medium grained, sub angular to angular, poor to fair sorting, poor to fair consolidation, calcareous cement in part, trace black asphaltic staining, dull green fluorescence and slow yellowgreen streaming cut,

interbeds of
Shale: light gray to graywhite, firm, blocky, calcareous to marly, trace Pyrite

2050' - 2150' Shale: light to medium gray, firm, blocky, dolomitic to calcareous, marly in part, trace Pyrite, silty to sandy, interbedded with
Sandstone: white to tan, fine to medium grained, sub angular to angular, poorly sorted, poor to fair consolidation, calcareous cement in part, trace Pyrite

2150' - 2250' Shale: light to medium brown, graybrown, soft to firm, platy to blocky, calcareous to marly, trace brown calcite crystals

2250' - 2300' Shale: dark gray to black, firm, blocky to sub platy, calcareous to dolomitic, micaceous to pyritic, carbonaceous, no fluorescence, slow yellowwhite streaming to diffuse cut

2300' - 2450' Shale: light to medium brown, graybrown, firm, blocky to sub platy, calcareous to marly, trace Pyrite, interbeds of
Dolomite: light gray to tan, microcrystalline, firm, dense to chalky, argillaceous to shaly, calcareous in part

2450' - 2600' Shale: medium to dark brown, graybrown, soft to firm, blocky to platy, slightly calcareous, carbonaceous, micaceous to pyritic, interbeds of
Dolomite: tan to light graybrown, microcrystalline, firm, dense to slightly chalky, argillaceous to shaly

2600' - 2700' Sandstone: white to light gray, very fine to medium grained, sub angular to angular, poorly consolidated to unconsolidated, calcareous cement in part, pyritic to bituminous, scattered dull gold fluorescence, moderate yellowwhite streaming cut, interbedded with
Shale: gray to graybrown, soft to firm, blocky to platy, calcareous, silty

to sandy, pyritic

- 2700' - 2800' Shale: light brown to light graybrown, soft, platy to blocky, calcareous to marly, trace Pyrite, grading to
- Dolomite: tan to graybrown, crypto to microcrystalline, firm, slightly hard and siliceous in part, dense to chalky, argillaceous to shaly
- 2800' - 2900' Sandstone: light gray to tan, white, very fine to fine grained, sub angular to angular, fair sorting, poor consolidation, bituminous in part, pyritic, calcareous cement in part, dull gold scattered fluorescence, slow to moderate yellowwhite streaming to diffuse cut, interbedded with
- Shale: light gray to graybrown, soft, platy, calcareous to marly
- 2900' - 2950' Shale: light brown, gray, soft to firm, platy to blocky, pyritic, calcareous to marly, occasional interbeds of Sandstone: as above
- 2950' - 3100' Dolomite: tan to cream, light graybrown, crypto to microcrystalline, soft to firm, chalky to dense, slightly argillaceous, calcareous, interbeds of
- Shale: brown to graybrown, soft to firm, platy to blocky, pyritic, calcareous to marly
- 3100' - 3150' Shale: light to medium brown, graybrown, soft to firm, platy to blocky, calcareous to marly, pyritic, interbedded with
- Dolomite: cream to buff, micro to very fine crystalline, soft to firm, dense to chalky, slightly argillaceous, calcareous
- 3150' - 3250' Sandstone: light gray to white, very fine to fine grained, sub angular to angular, fair sorting, poorly consolidated to unconsolidated, siliceous cement in part, bituminous, dull yellowgreen scattered fluorescence, slow yellowwhite streaming cut, interbeds of Shale: as above

- 3250' - 3300' Shale: medium gray to graybrown, soft, platy to blocky, dolomitic to pyritic
- 3300' - 3350' Sandstone: white to light gray, salt & peppered, very fine to fine grained, sub angular to angular, fair sorting, poor to fair consolidation, siliceous cement in part, pyritic to bituminous
- 3350' - 3400' Dolomite: tan to cream, buff, micro to very fine crystalline, dense to slightly chalky, granular in part, slight argillaceous, siliceous in part
- 3400' - 3450' Shale: medium gray to graybrown, firm, blocky to sub platy, calcareous to dolomitic, abundant Pyrite, sandy in part
- 3450' - 3550' Sandstone: light gray to white, fine to medium grained, sub angular to angular, poor to fair sorting, fair consolidation with siliceous cement in part, pyritic to bituminous, interbeds of Shale: as above

Sample Top: Second Garden Gulch @ 3550'

- 3550' - 3600' Dolomite: tan, cream to buff, microcrystalline, firm to slightly hard and siliceous in part, dense to chalky, argillaceous to shaly, calcareous in part, interbedded with
- Shale: brown to graybrown, soft, platy to blocky, calcareous to marly, trace Pyrite
- 3600' - 3650' Sandstone: white to light gray, fine grained, sub angular to sub rounded, fair sorting, fairly consolidated with siliceous cement in part, interbeds of Shale: as above
- 3650' - 3700' Shale: light to medium brown, graybrown, soft, platy to blocky, calcareous, grading to
- Dolomite: tan to cream, microcrystalline, firm, dense to chalky, argillaceous
- 3700' - 3750' Sandstone: white, clear, very fine grained, sub angular, well sorted,

predominantly unconsolidated

- 3750' - 3800' Shale: medium gray to graybrown, soft to firm, platy to blocky, calcareous to marly, abundant Pyrite
- 3800' - 3900' Sandstone: white to light gray, very fine to fine grained, sub angular to sub rounded, fair sorting, poorly consolidated to unconsolidated, calcareous cemented in part, interbedded with
- Shale: light to medium gray, soft to firm, blocky to platy, calcareous to marly, pyritic

Sample Top: Y-3 @ 3900'

- 3900' - 3925' Shale: medium brown to graybrown, soft to firm, blocky to platy, calcareous to dolomitic
- 3925' - 3950' Sandstone: light brown to white, very fine to medium grained, sub angular to sub rounded, poorly sorted, poorly consolidated to unconsolidated, brown asphaltic staining, dull yellowgreen fluorescence and slow yellowgreen diffuse to streaming cut
- 3950' - 3980' No Sample: bucket blown off blooey line while clearing wellbore
- 3980' - 4010' Shale: brown to graybrown, soft to firm, platy to blocky, calcareous to dolomitic
- 4010' - 4040' Sandstone: white to light gray, very fine to fine grained, sub angular to sub rounded, fairly sorted, poorly consolidated to unconsolidated, scattered dull yellowgreen fluorescence, slow to moderate yellowgreen streaming cut
- 4040' - 4070' Shale: light to medium brown, graybrown, soft to firm, blocky to platy, calcareous to dolomitic, grading to shaly Limestone in part, trace Pyrite
- 4070' - 4108' Sandstone: white to light gray, very fine to fine grained, sub angular to

angular, fair sorting,
predominantly unconsolidated

Note: Tripped for bit @ 4108' and made a 5' downhole depth correction based on a steel line measurement.

- 4113' - 4160' Siltstone: light gray to graywhite, firm, calcareous, grading to very fine grained sandstone, interbeds of
Shale: light to medium gray, platy to blocky in part, soft to firm, calcareous to marly
- 4160' - 4180' Shale: light to medium brown, graybrown, platy to blocky, firm, calcareous to silty, trace Pyrite
- 4180' - 4200' Sandstone: white to light gray, salt and peppered in part, fine to medium grained, sub angular, poorly sorted, poor to fair consolidation, calcareous cement in part, grading to siltstone in part
- 4200' - 4250' Shale: light to medium gray, graywhite, firm to slightly hard, blocky to sub platy, calcareous, grading to siltstone
- 4250' - 4280' Siltstone: light gray to graywhite, firm to slightly hard, calcareous, grading to very fine grained sandstone
- 4280' - 4322' Siltstone: light to medium gray, graywhite, firm, calcareous, trace Pyrite

Sample Top: Douglas Creek @ 4322'

- 4322' - 4344' Limestone: light brown to gray, cryptocrystalline, firm, argillaceous to dolomitic, grading to
Shale: gray to graybrown, firm, platy, calcareous to marly, trace Pyrite

Sample Top: R-1 @ 4344'

- 4344' - 4364' Siltstone: light gray to gray white, firm, calcareous, grading to
Sandstone: white to light gray, very fine to fine grained, sub angular, poor to fair sorting, predominantly unconsolidated, dull yellowgreen fluorescence, moderate yellowgreen

diffuse to streaming cut

4364' - 4384' Shale: light brown to graybrown, firm, platy to blocky, calcareous to slightly silty

Sample Top: R-2 @ 4384'

4384' - 4404' Siltstone: light gray to graywhite, firm, calcareous

4404' - 4424' Sandstone: light brown, clear, very fine to fine grained, sub angular, fair sorting, predominantly unconsolidated, light brown oil staining and black asphaltic residue, moderate yellowgreen fluorescence, slow to moderate yellowgreen streaming to diffuse cut

4424' - 4512' Siltstone: light gray to graywhite, firm, calcareous, grading to Shale: gray to graybrown, firm, blocky to platy, calcareous

4512' - 4550' Shale: light gray to graybrown, firm, blocky to platy, calcareous to marly, silty

4550' - 4648' Siltstone: light gray to graywhite, firm to slightly hard, calcareous, grading to well cement very fine grained sandstone and interbedded with shale: as above, trace Pyrite

4648' - 4680' Shale: brown to graybrown, firm, blocky to platy, calcareous to silty

4680' - 4760' Siltstone: light to medium gray to graywhite, firm to slightly hard, calcareous, grading to very fine grained sandstone and occasional interbeds of shale: as above

Sample Top: G-3 @ 4760'

4760' - 4792' Sandstone: light to medium brown, fine to medium grained, sub angular, poor to fair sorting, poorly consolidated to unconsolidated in part, calcareous cement in part, poor intergranular porosity, brown uniform oil stain through out, oil

and tar on pits, dull yellowgreen
fluorescence, immediate bright
yellowgreen streaming cut

- 4792' - 4820' Shale: light to medium gray, firm, blocky to platy, calcareous to silty, interbeds of
- Sandstone: white to graywhite, fine to medium grained, sub angular, poor to fair sorting, fair consolidation with calcareous to siliceous cement, tight, grading to siltstone
- 4820' - 4874' Siltstone: light gray to graywhite, firm to hard, calcareous, interbeds of shale: as above
- 4874' - 4982' Shale: gray to graybrown, dark brown in part, firm, platy to sub blocky, slightly calcareous, carbonaceous to petroliferous, silty in part, no fluorescence, moderate yellowgreen diffuse to streaming cut
- 4982' - 5078' Shale: dark brown to grayblack, firm, platy to sub blocky, slightly calcareous, carbonaceous to petroliferous, silty in part, no fluorescence, immediate yellowgreen streaming cut

Sample Top: Carbonate Marker @ 5078'

- 5078' - 5084' Limestone: tan to cream, microcrystalline, soft to firm, chalky to granular, slightly argillaceous
- 5084' - 5134' Siltstone: light to medium gray, firm, calcareous, grading to
- Shale: gray to graybrown, firm, blocky, slightly calcareous, silty

Sample Top: B-1 @ 5134'

- 5134' - 5192' Sandstone: light gray to white, fine to medium grained, sub angular, poor sorting, well consolidated with calcareous cement, tight, grading to
- Siltstone, trace brown spotty oil stain, moderate yellow fluorescence, immediate bright yellowgreen streaming cut
- 5192' - 5232' Siltstone: light gray to graywhite, firm to

slightly hard, calcareous, grading to very fine grained sandstone

5232' - 5274' Shale: brown to graybrown, firm, platy to blocky, carbonaceous, silty to calcareous

5274' - 5286' Sandstone: light brown to clear, very fine grained, sub angular, well sorted, predominantly unconsolidated, light brown oil stain, moderate yellowgreen fluorescence, yellowgreen streaming cut

5286' - 5324' Shale: brown to graybrown, firm, platy, calcareous to silty

5324' - 5344' Sandstone: clear to light brown, very fine to fine grained, sub angular, fair sorting, predominantly unconsolidated, slight brown oil stain, moderate yellowgreen fluorescence, yellowgreen streaming cut

5344' - 5400' Shale: gray to graybrown, soft to firm, platy to blocky, calcareous to silty, Pyritic in part

5400' - 5430' Siltstone: light to medium gray, firm, calcareous

5430' - 5450' Shale: gray to graybrown, soft to firm, platy to blocky, calcareous

5450' - 5538' Shale: brown to graybrown, soft to firm, platy to blocky, silty in part, becoming marly

Sample Top: Uteland Butte @ 5538'

5538' - 5554' Limestone: medium to dark brown, graybrown, microcrystalline, firm, earthy to chalky, argillaceous to shaly

5554' - 5650' Shale: gray to graybrown, firm, blocky to sub platy, calcareous to marly, carbonaceous, interbeds of

Limestone: light brown to graybrown, microcrystalline, firm, earthy to chalky, argillaceous to shaly, dolomitic in part

Note: Driller's Total Depth @ 5650'

LOGGING REPORT

Logging Company: Halliburton Engineer: Bob Hale Date: 8/11/93

Witnessed by: Roy Clement and Al Plunkett

Driller's TD Depth: 5650' Logger's TD Depth: 5640'

Driller's Casing Depth: 272' Logger's Casing Depth: 274'

Elevation: GL: 5164' Sub: 10' KB: 5174'

Mud Conditions: Wt: 8.4 Vis: 27 WL: n/c
BHT: 148⁰ F

Hole Conditions: Good

Logging Time: Time Arrived: 0900 hrs First Tool in Hole: 1200 hrs
Last Tool Out: 1600 hrs Time of Departure: 1700 hrs

Electric Logging Program: 1.) Dual Laterlog MSFL with Gamma Ray & Caliper from 5638' to 250';
Compensated Density Dual Spaced Neutron Log II with Gamma Ray and Caliper from 5638' to 3400' (tools were stacked, one logging run was made).

Log Tops: Green River Formation @ 1160'; Second Garden Gulch @ 3552'; Y-3 @ 3906'; Douglas Creek @ 4316'; R-1 @ 4346'; R-2 @ 4390'; G-3 @ 4745'; Carbonate Marker @ 5137'; B-1 @ 5196'; Uteland Butte @ 5542'; Total Depth @ 5640'.

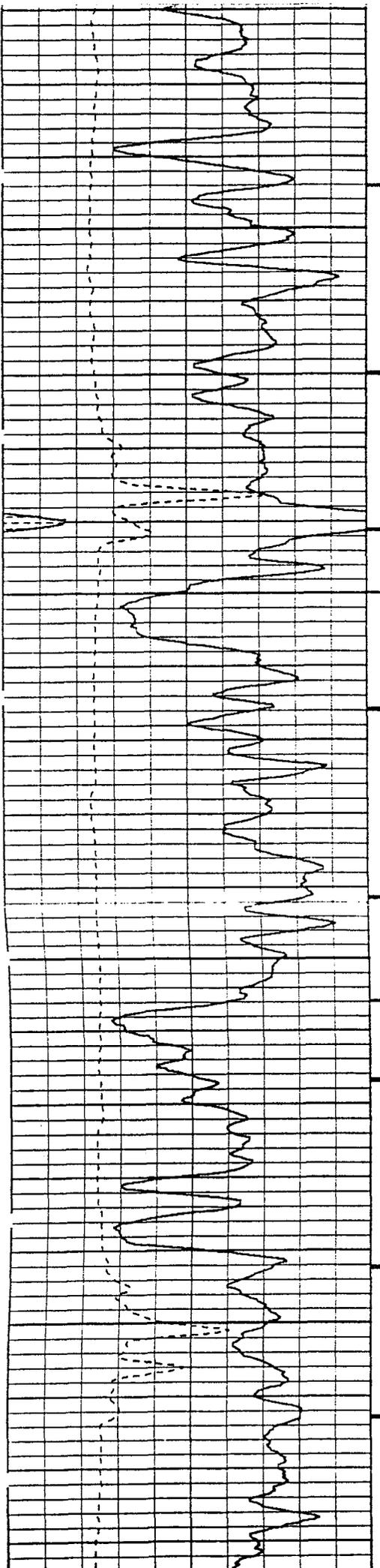
Zones of Interest: Y-2 @ 3850' to 3858': 8' with 14% porosity
Y-3 @ 3906' to 3912': 6' with 16-18% porosity
4263' to 4271': 8' with 14% porosity
R-1 @ 4346' to 4355': 9' with 14-19% porosity
R-2 @ 4391' to 4406': 15' with 17-24% porosity; 'dirty' gamma ray profile may indicate poor permeability
G-3 @ 4745' to 4758': 13' with 19-24% porosity; very clean gamma ray readings through this zone
B-1 @ 5196': tight, poorly developed with thin Sandstone beds

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



COMPENSATED DENSITY
DUAL SPACED
NEUTRON II LOG

COMPANY BALCRON OIL COMPANY WELL BALCRON FEDERAL 44-1 FIELD MONUMENT BUTTE/GREEN COUNTY UINTAH STATE UT	COMPANY BALCRON OIL COMPANY	
	WELL BALCRON FEDERAL 44-14Y	
	FIELD MONUMENT BUTTE/GREEN RIVER	
	COUNTY UINTAH	STATE UT
API NO 43-013-31393	OTHER SERVICES DLL	
LOCATION 1008 FSL & 832 FEL SE-SE		
SECT 14	TWP 9S	RGE 17E
PERMANENT DATUM CL	ELEV. 5164	ELEV.: K.B. 5174
LOG MEASURED FROM KB 10	FT. ABOVE PERM DATUM	D.F.
DRILLING MEASURED FROM KB		G.L. 5164
DATE	08-11-93	
RUN NO.	ONE	
DEPTH-DRILLER	5650	TIGHT HOLE
DEPTH-LOGGER	5640	
BTM. LOG INTER	5638	
TOP LOG INTER	3400	
CASING DRILLER	8.625#274	
CASING-LOGGER	254	
BIT SIZE	7.875	
TYPE FLUID IN HOLE	KCL/WATER	
DENS. : VISC.	8.4 :27	
PH : FLUID LOSS	10.5 :NA	
SOURCE OF SAMPLE	MUD TANK	
RM e MEAS. TEMP.	.25 e61	
RMF e MEAS. TEMP.	NA eNA	
RMC e MEAS. TEMP.	NA eNA	
SOURCE RMF:RMC	MEAS :MEAS	
RM eBHT	.11 e148	
TIME SINCE CIRC.	5 HOURS	
TIME ON BOTTOM	1212	
MAX. REC TEMP.	148 eTD	
EQUIP. : LOCATION	7638 :RKSP	
RECORDED BY	B. HALE	
WITNESSED BY	R. CLEMENT	A. PLUNKETT

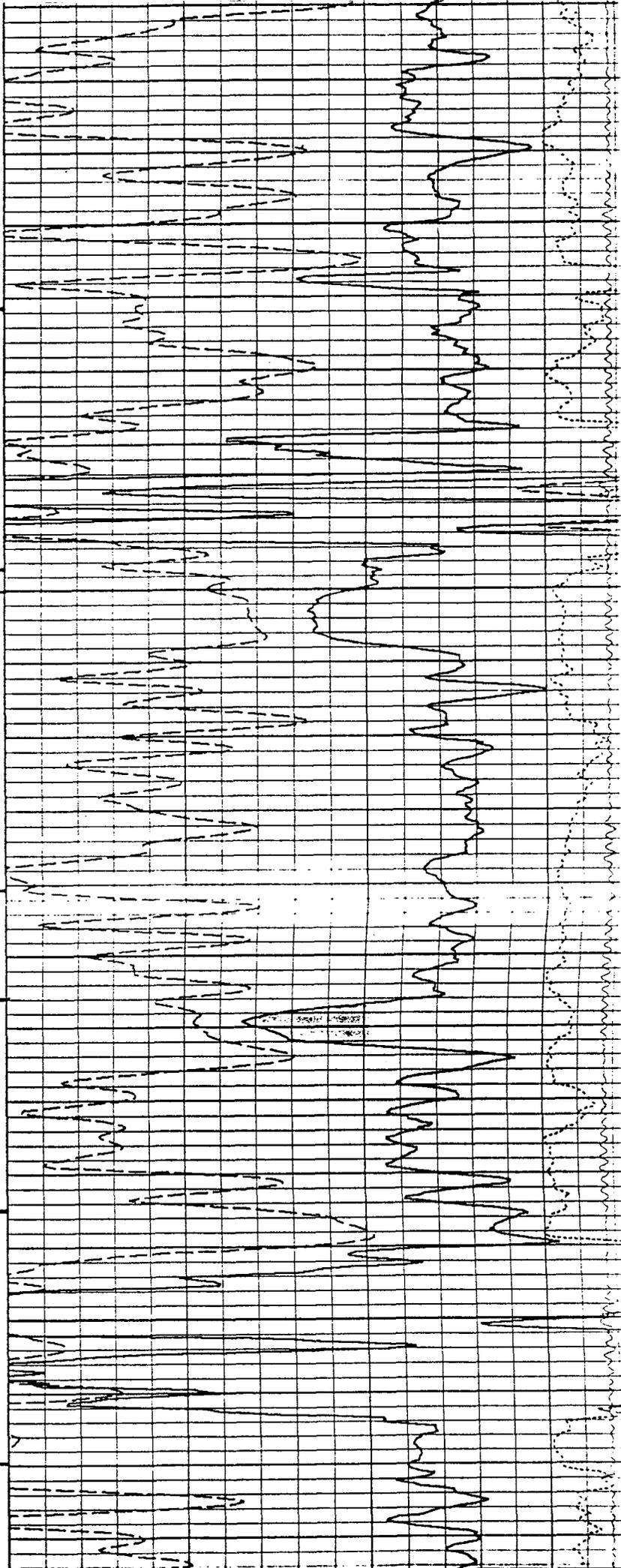


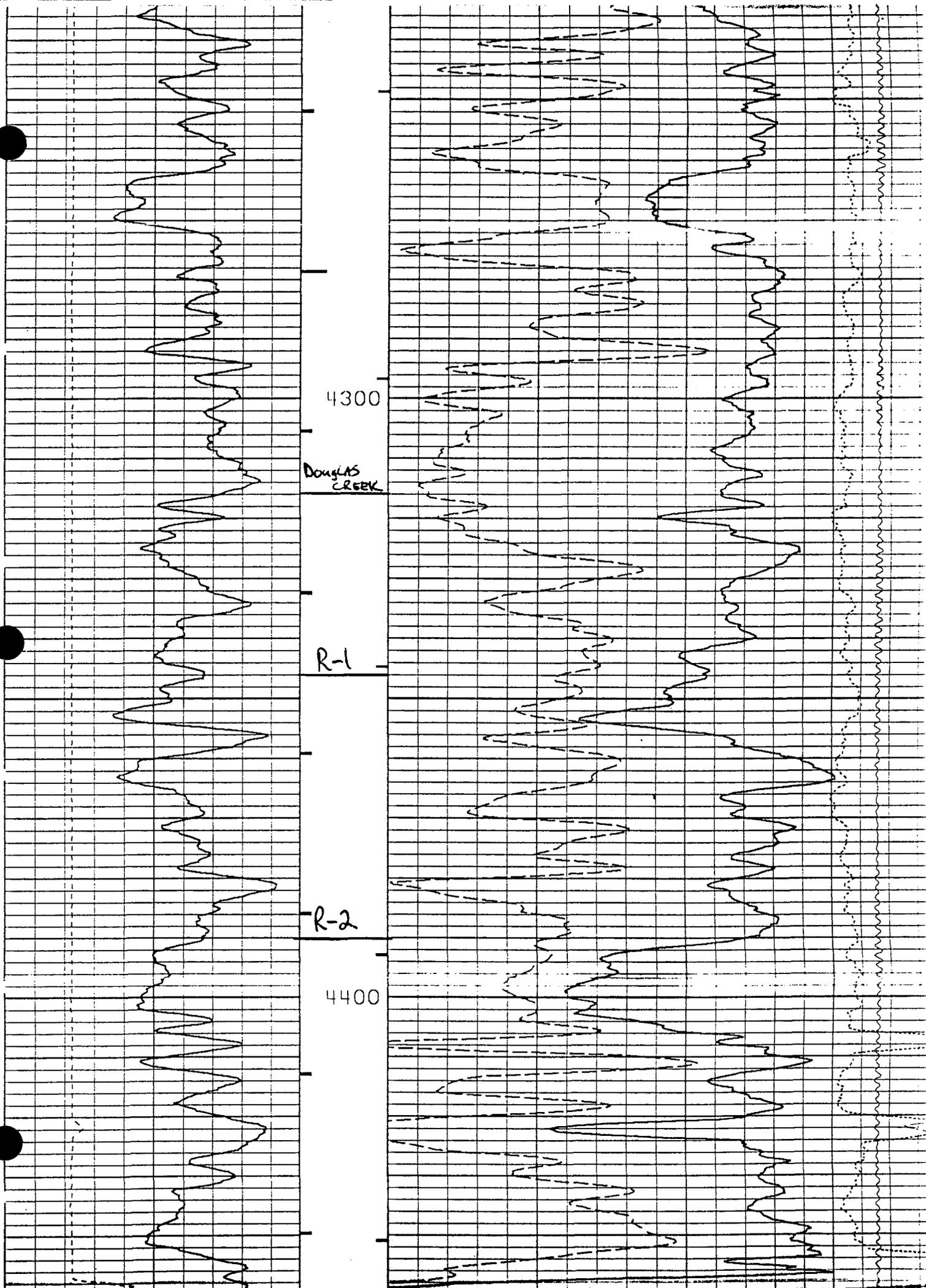
3800

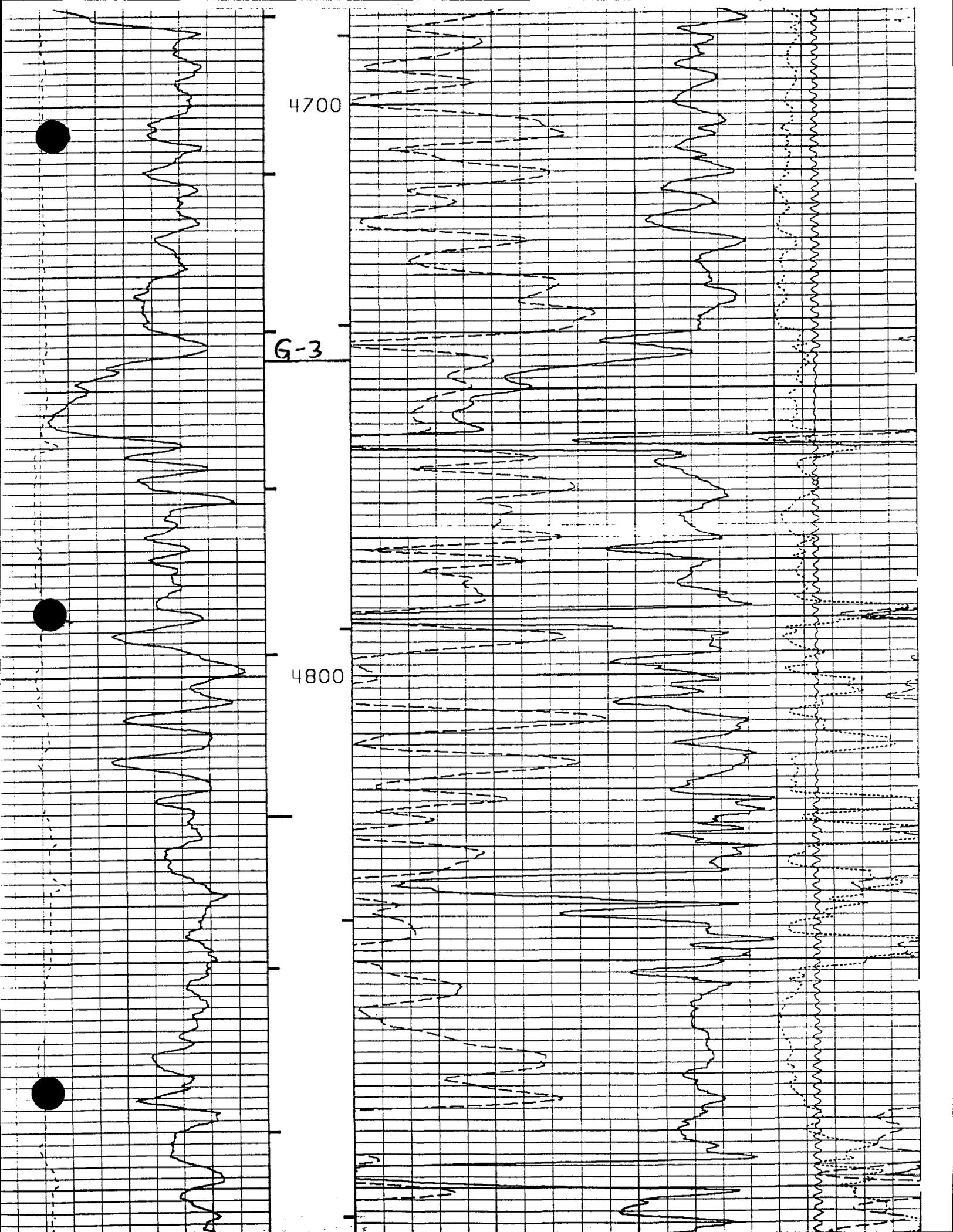
Y-2

3900

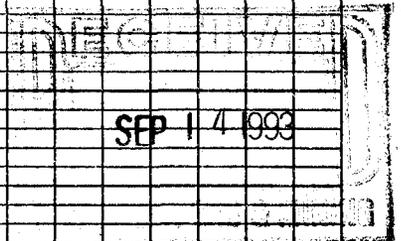
Y-3







CLEMENT CONSULTING
7703 CLARK AVENUE
BILLINGS, MONTANA 59106
(406) 656-9514



COMPANY: BALCRON OIL COMPANY
WELL: BALCRON FEDERAL NO. 44-14Y *43-047-32438*
LOCATION: SESE (1008' FSL & 832' FEL) SEC. 14 - T9S - R17E
JUNTAH COUNTY, UTAH
DEPTH LOGGED: 1200' - 5650' DATE LOGGED: 6 AUG 93 - 11 AUG 93
KB: 5174' GL: 5164'
GEOLOGIST: ROY L. CLEMENT
CONTRACTOR: UNION DRILLING RIG 17
DRILLING FLUID: AIR/FOAM

copy

МОНТАНСКАЯ ГЕОЛОГИЧЕСКАЯ СЛУЖБА

RECORDING CHART

PRINTED IN U.S.A.

SSC

NO. 101 3333
KROV WEV O. DLAFLU
BPAHIC COHTIOLG COBBOVADITOI
BTRAHJG OIHOBOBO
BPAHIC COHTIOLG COBBOVADITOI
KROV WEV O. DLAFLU
NO. 101 3333
BPAHIC COHTIOLG COBBOVADITOI
KROV WEV O. DLAFLU

Porosity

Oil Show

LOG TOPS

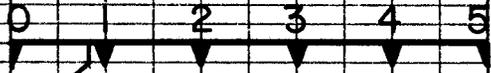
Sample Tops

API - GR

Drill Rate (min/ft)

8 5/8" Surface Casing
set at 251'

Drig 7 7/8" Borehole
w/ Bit 2 HP62A in
at 272'



1000

1100

1200

1300

1400

NOTE:

2" = 100'

GREEN RIVER
1160' (4014')

Green River
1160'

50' samples tagged &
caught by mudloggers
starting at 1200'

8/6/95

WOB 45
RPM 60
PP 275

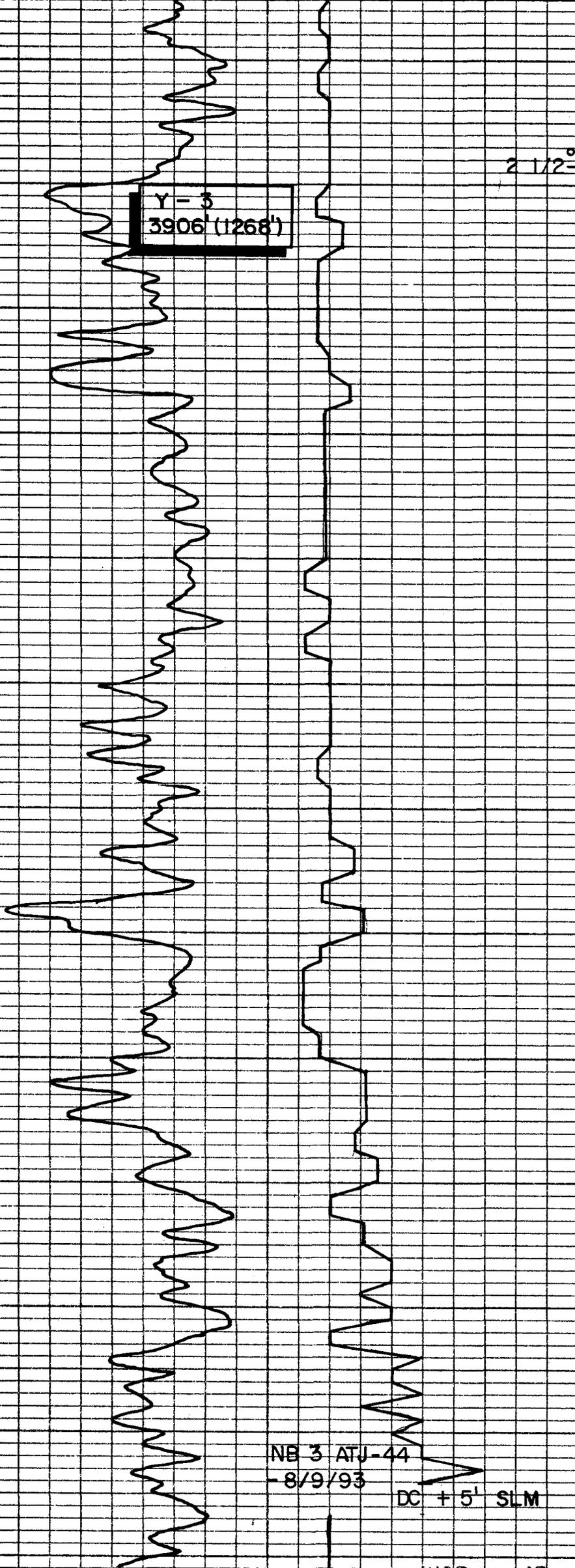
1200' - 1550' no returns
to surface (air drilling)

3/4°

2100
 L ... ss: wh-trn, f-m gr, sub ang-ang, fr-p srt, p-fr consol, calc cut ip, tr Pyr
 P L
 L
 2200
 L SH: lt-m brn, grybrn, sft frm, blk-ply, calc-mrly, tr br calc xl
 L
 P L SH: dk gy-blk, frm, blk-sub ply, calc dol, mica pyr, carb, no flor, slo yelwh stng dif cut
 2300
 L
 P L BOL: lt gy-tr, micxl, frm, dns-chky, aq-shly, calc ip
 L
 2400
 L SH: lt-m brn, gybrn, frm, blk-sub ply, calc-mrly, tr Pyr
 2 1/2 P
 L
 8/7/93
 2500
 L DOL: tr-lt gybrn, micxl, frm, dns-sl chky, aq-shly
 P
 L SH: m-dk brn, gym, sft-frm, blk-ply, sl calc, carb, mica-pyr
 P L
 2600
 P SS: wh-lt gy, vf-m gr, sub ang-ang, p srt, p consol-uncensel, calc cut ip, pyr bit, dull gold flor, mod yelwh stng cut, intbd w/ SH: gy-gybrn, sft-frm, blk-ply, calc, slty-sndy, pyr
 2700

WOB 45
 RPM 55
 PP 300





Y-3
3906' (1268')

2 1/2"

SH: lt-brn gy, sft-firm, blk-pty, calc-trly, pyr

P

3900

SH: m-brn-gybrn, sft-firm, blk-pty, calc-dol, tr Pyr

SS: lt-brn-wh, vf-m gr, sub ang-sub rnd, p srt, p consol-unconsol, brn asph stn, dull yelgn flor, slo yelgn dif-stng cut

50

NO SAMPLE Sample bucket blown off blooey line

4000

SH: brn-gybrn, sft-firm, pty-blk, calc-dol

SS: wh-lt gy, vf-f gr, sub ang-sub rnd, fr srt, p consol-unconsol, scat dull yelgn flor, slo-mod yelgn stng cut

P

50

SH: lt-brn, gybrn, sft-firm, blk-pty, calc-dol, grdg to shaly ls ip, tr pyr

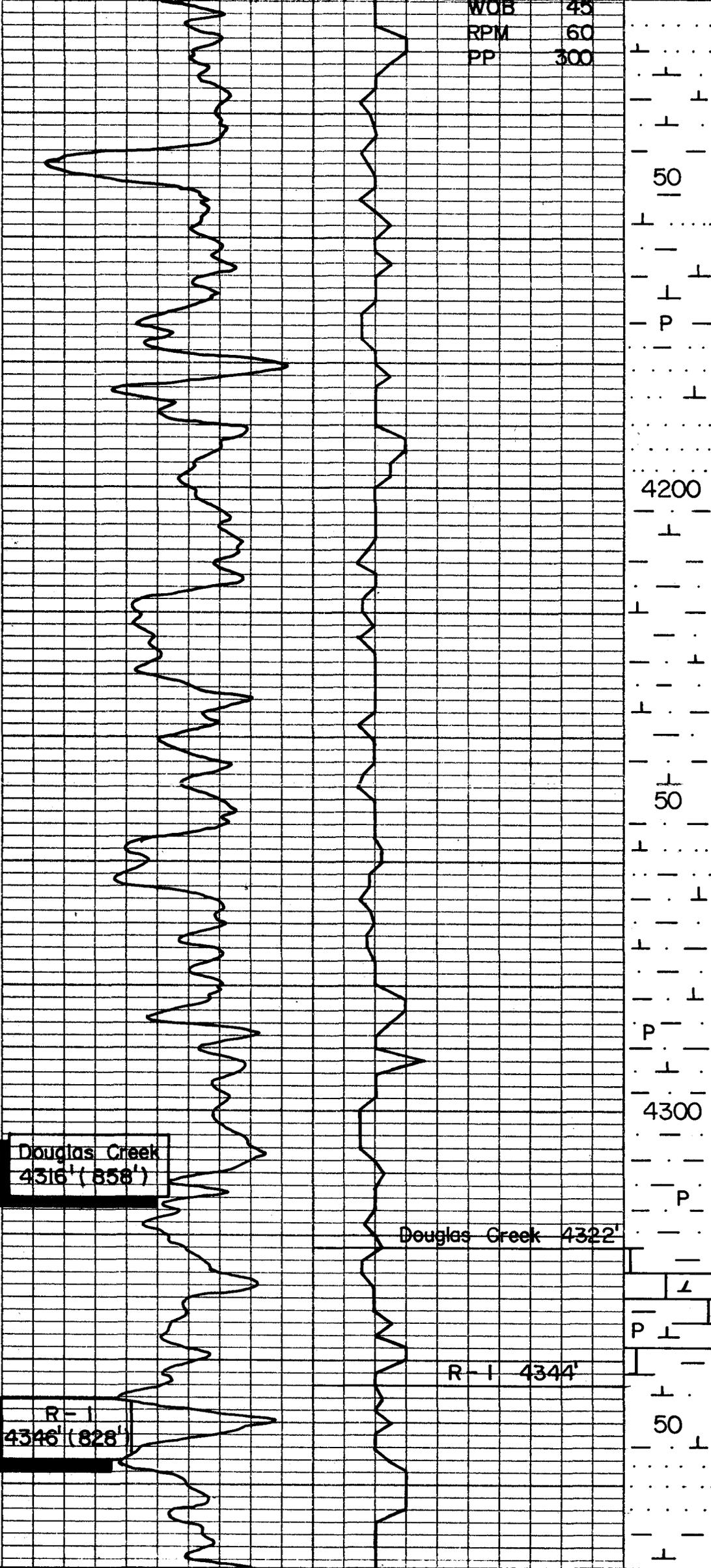
SS: wh-lt gy, vf-f gr, sub ang-ang, fr srt, pred unconsol

4100

SLTST: lt gy-gywh, firm, calc, grdg to vf gr SS

NE 3 ATJ-44
-8/9/93
DC + 5' SLM

WOB 45
RPM 60
PP 300



SH: lt-m gy, plty blkly ip,
sft-fm, calc-mlly

SS: wh-lt gy, S & P ip, f-
m gr, sub ang, p srt, p-fr
consol, calc cnt ip, grdg
to SLTST ip

SH: lt - m gy, gywh, frm-
sl hd, blkly-sub plty, calc,
grdg to SLTST

SLTST: lt gy-m gy, gywh, frm,
calc, grdg to vf gr SS

SLTST: lt-m gy, gywh, frm,
calc, tr pyr

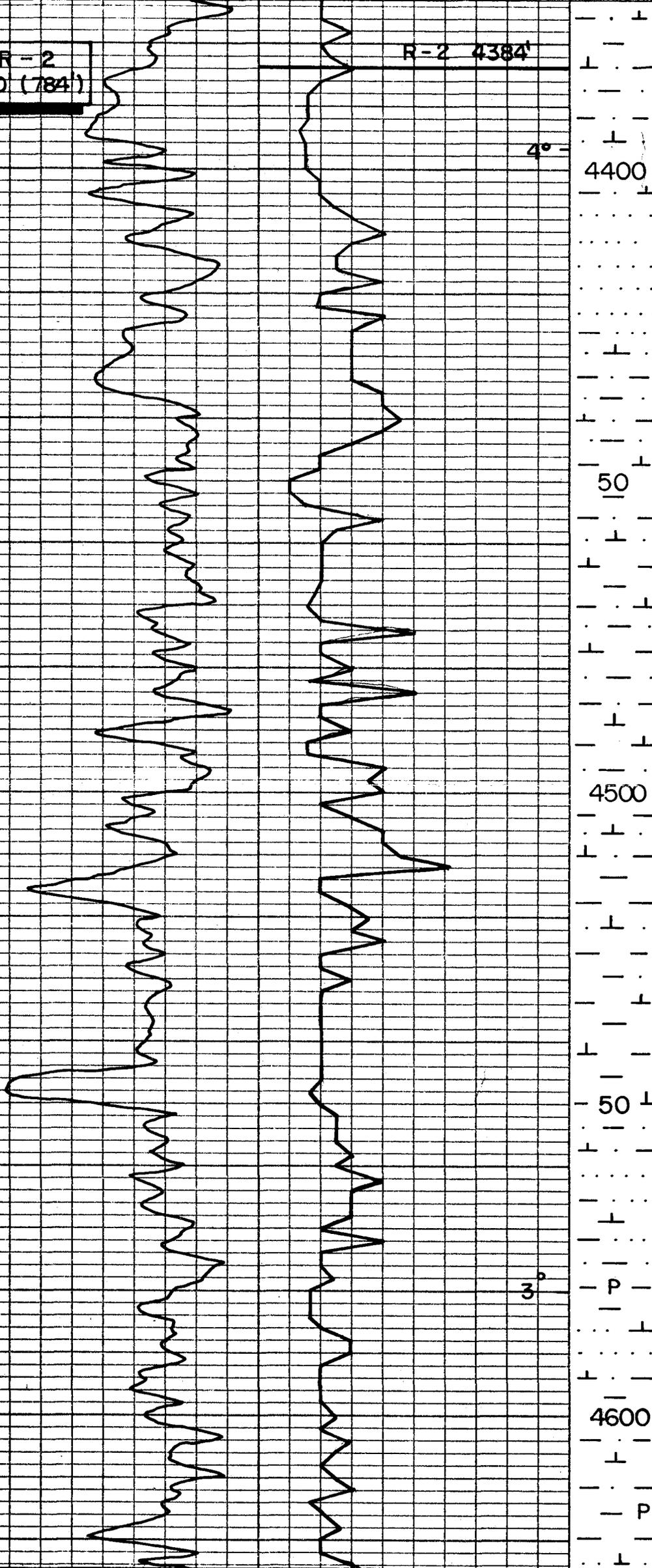
IS: lt brn gy, crpxl, frm,
dns, arg dol, grdg to SH: gy-
gybrn, frm, plty, calc-mlly,
tr pyr

SS: wh-lt gy, vf-f gr, sub
ang, p-fr srt, pred unconsol,
dull velcn floor, modd velcn

NO ICI 3355
RECORDED IN CHINA
ВНЕШНОЕ ИМЯ ЛОДКА
СВЯЗЬ С СОВЕТСКИМИ КОСМОСКОМАНДИРАМИ
NO ICI 3355

R-2
4390' (784')

R-2 4384'



oil-sung cut

SH: lt brn gybrn, frm, plty-
blky, calc-sl slty

SS: lt brn, clr, vf-f gr,
sub ang, fr srt, pred unconsol,
lt brn oil stn & blk asph,
oil on pits, mod yelgn flor,
slo mod yelgn stmg dif cut

SLTST: lt gy-gywh, frm,
calc

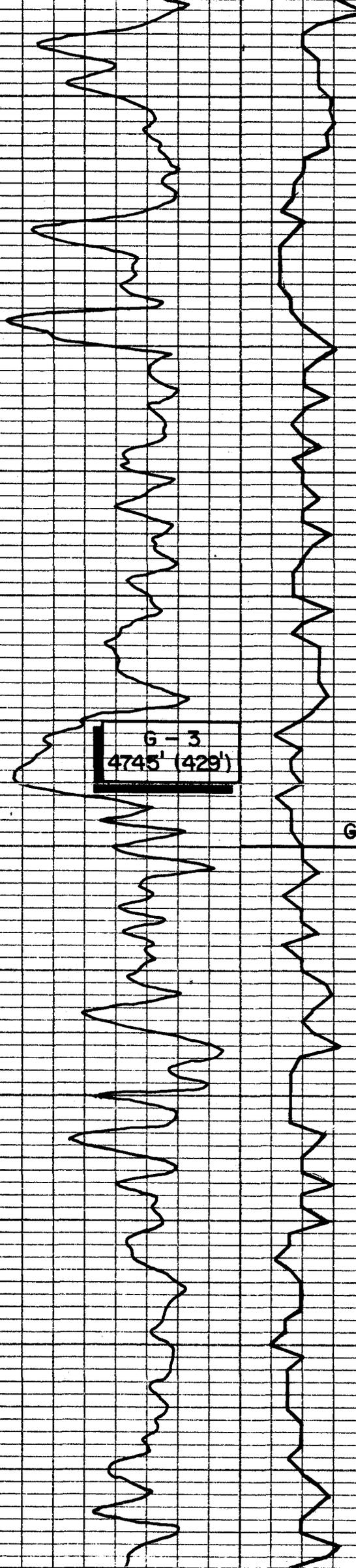
SH: gy-gybrn, frm, blk-plty,
calc-slty

SH: lt gy-gybrn, frm, blk-
plty, calc-mrly, slty

SLTST: lt gy-gywh, frm-sl
hd, calc, grds to well cmt'd
vf gr SS, tr pyr, intbds of
SH

4400
50
4500
50
4600

3°



G-3
4745' (429')

G-3 4760'

50
4700
50
4800
50

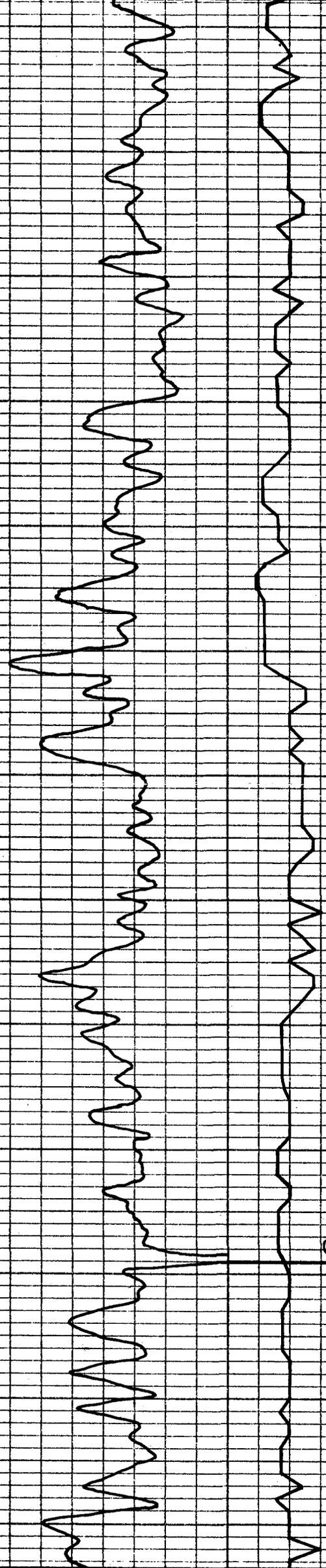
SH: brn-oybrn, frm, blk-
plty, calc-slty

SLTST: lt-m gy, gywh, frm-
sl hd, calc, grdg to vf gr
SS, occ intbds of SH: a/a

SS: lt-m brn, f-m gr, sub
ang, p-fr srt, p consol -
unconsol ip, calc cmt ip,
p intgran ø, grdg to sltst
ip, brn uni oil stn t/o,
oil & tar on pits, dull
yelgn flor, imm bri yelgn
stng cut

SH: lt-m gy, frm, blk-plty
calc-slty, intbds of SS:
wh-gywh, f-m gr, sub ang,
fr consol, calc-sil cmt,
tt, grdg to sltst

SLTST: lt gy-gywh, frm-hd,
calc, intbds of SH: a/a



8/10/93

Carbonate Mkr

5076'

3 3/4°

4900

SH: gy-gybrn, dk brn ip,
 frm, plty-sub blk, sl
 calc, carb petro, slty ip,
 no flor, mod ye on dif-
 stng cut

50

5000

SH: dk brn-gyblk, frm
 plty-sub blk, sl calc,
 carb-petro, slty ip, no flor,
 imm ye on stng cut

50

5100

LS: tn-crm, nickl, sft-frm,
 chky-gran, sl arg

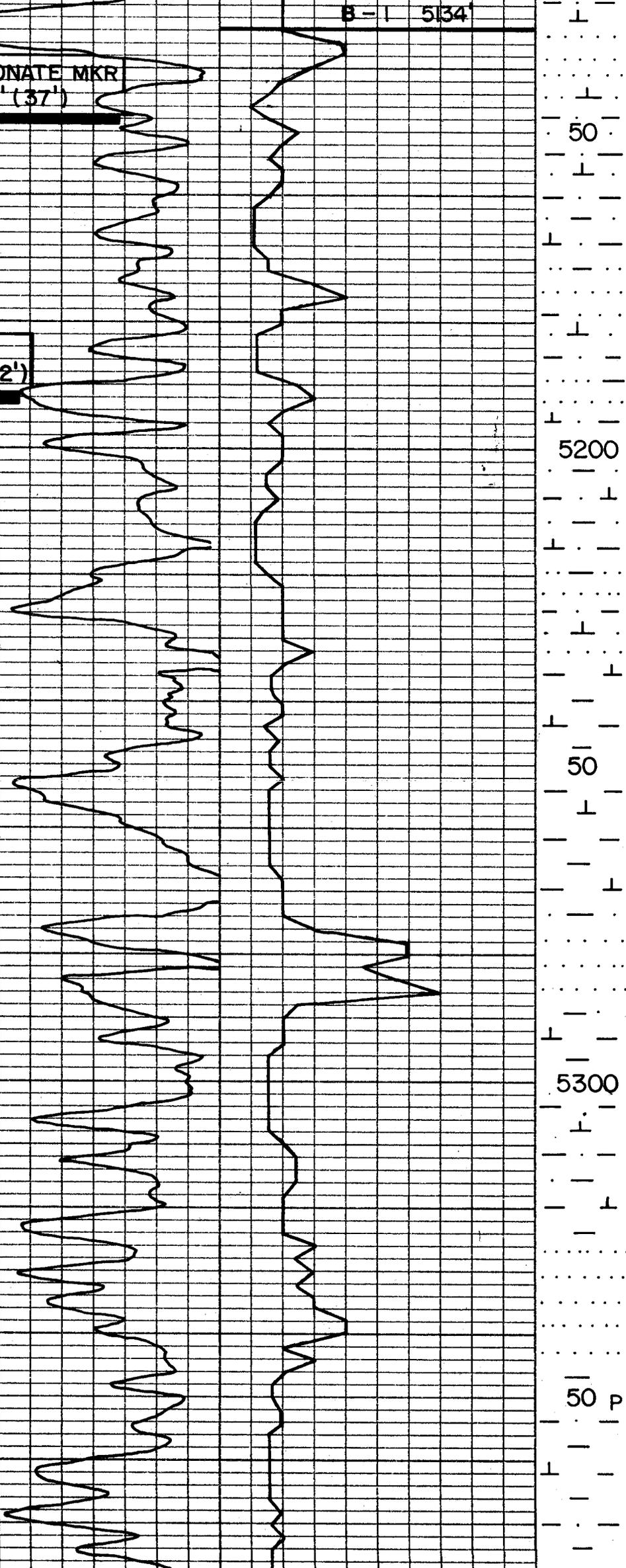
SH: lt-m gy, frm, calc
 ord to SH: gy-gybrn, frm,
 blk, sl calc, slty

NO. 101 3355
BUREAU OF OIL & GAS
RECORDING CHART
SERVICED COMPANY'S CORPORATION
WELL NAME
NO. 101 3355

B-1 5134'

CARBONATE MKR
5137' (37')

B-1
5196' (-22')



SS: lt gy-wh, f-m gr, sub
ang, p srt, w consol & cnt'd
w/ calc cnt, tt, grdg to
SLTST, fr lt brn spgy o str,
mod yel flor, imm bri yelgn
stng cut

SLTST: lt gy-gywh, frm-sl hd,
calc, grdg to vf gr SS

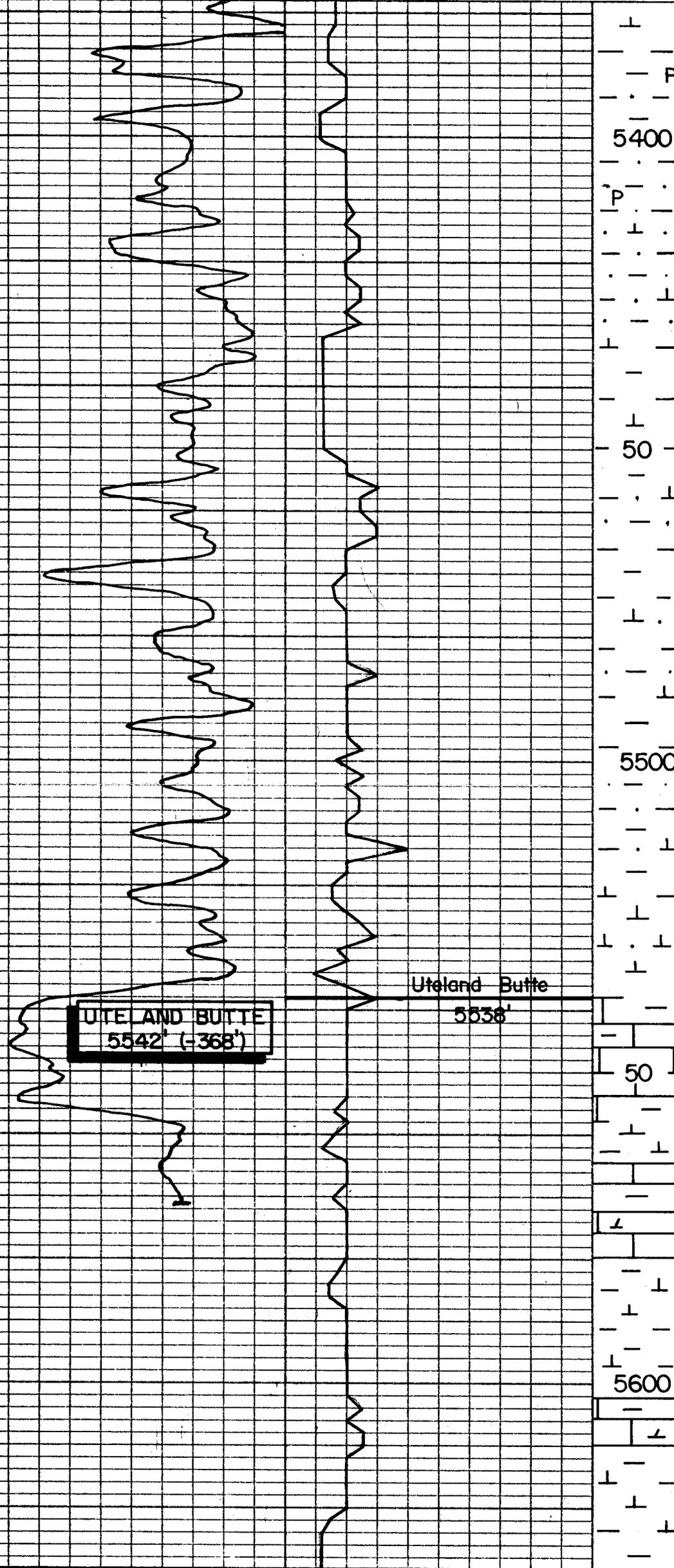
SH: brn-gybrn, frm, plty-blky,
carb, slty calc

SS: lt brn, clr, vf gr, sub
ang, w srt, pred unconsol,
lt brn oil str, mod yelgn
flor, yelgn stng cut, oil
on pits

SH: brn-gybrn, frm, plty,
calc-slty

SS: clr-lt brn, vf-f gr,
sub ang, fr srt, pred unconsol,
sl brn oil str, mod yelgn
flor, yelgn stng cut

SH: gy-gybrn, sft-frm, plty
blky, calc-slty, pyr ip



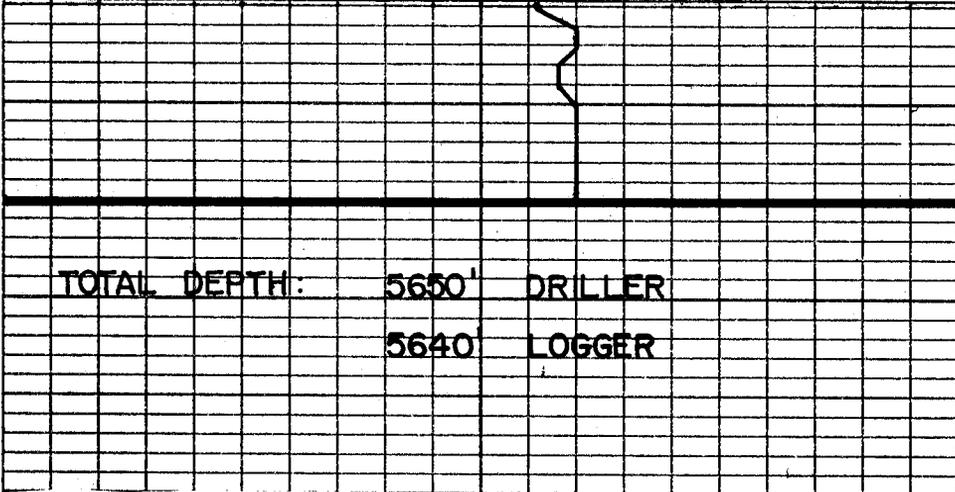
UTELAND BUTTE
5542' (-368')

Uteland Butte
5538'

5400	SH: lt m gy, frm, calc
5500	SH: gy, gybrn-brn, sft-frm, plty-blky, calc
5550	SH: brn-gybrn, sft-frm, plty-blky, slty ip, brn mrly
5600	LS: n-dk brn, gybrn, micxl, frm, rthy-chky, arg-shly
5650	SH: gy-gybrn, frm, blky-sub plty, calc-mrly, carb
5700	LS: brn lt brn-gybrn, micxl, frm, rthy-chky, arg-shly, dol ip

DRILLED IN 1974

ICI 3355



50

8/11/93 RUN E-LOGS

8/12/93 Set 5 1/2"

PRODUCTION CASING TO TD

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-64806

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 #44-14Y

9. API Well No.
43- 047-32438

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

11. County or Parish, State
Uintah County, UTAH

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)

**SE SE Section 14, T9S, R17E
1008.2' FSL, 832.3' FEL**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> 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.

CONFIDENTIAL

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

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

**Coordinator of Environmental
and Regulatory Affairs**

Title

Date September 29, 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.

*See Instruction on Reverse Side

Equitable Resources Energy Company
 Balcron Federal 44-14Y
Production Facility Diagram

Balcron Federal 44-14Y
 SE SE Section 14, T9S, R17E
 Duchesne County, Utah
 Federal Lease #U-64806
 1008.2' FSL, 832.3' FEL

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

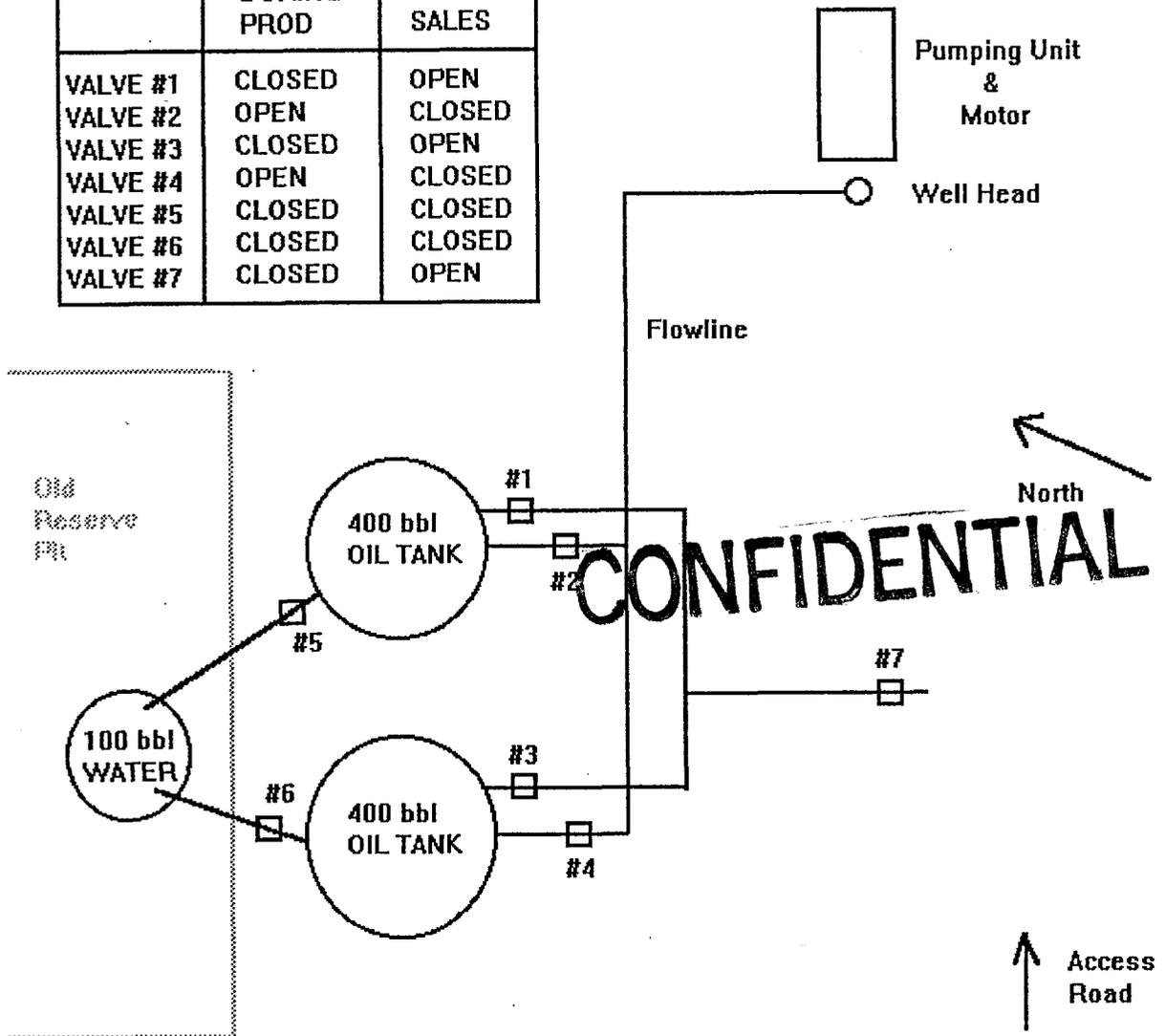


DIAGRAM NOT TO SCALE

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

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

1. Well name and number: Balcron Federal #4-14Y
 API number: 43-047-32438

2. Well location: QQ SE SE section 14 township 9S range 17E county Uintah

3. Well operator: Equitable Resources Energy Company, Balcron Oil Division
 Address: P.O. Box 21017 phone: 406-259-7860
Billings, Montana 59104

4. Drilling contractor: Union Drilling Rig #17
 Address: Traver 40 phone: 304-472-4610
Buckhannon, WV 26201

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

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
No measurable water encountered during drilling operations.			

6. Formation tops: See Geologic Report submitted separately.

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 Robbie Schuman Signature Robbie Schuman
 Title Coordinator of Environmental and Date September 29, 1993
Regulatory Affairs

Comments:

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

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Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-64806

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

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
Balcron Federal #44-14Y

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

9. API Well No.
43-047-32438

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**SE SE Section 14, T9S, R17E
1008.2' FSL, 832.3' FEL**

11. County or Parish, State
Uintah County, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<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.

Accepted by the State
of Utah Division of
Oil, Gas and Mining
Date: 10-12-93
By: [Signature]

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

Signed [Signature]
(This space for Federal or State office use)

Title Coordinator of Environmental and Regulatory Affairs

Date September 29, 1993

Approved by Federal Approval of this Action is Necessary
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.



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

November 30, 1993

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

Gentlemen:

As requested, enclosed are sundry notices which are being resubmitted to comply with Onshore Order #7 which covers disposition of produced waters. These are being resubmitted for the following wells:

Balcron Monument Federal #32-11
Balcron Monument Federal #22-5
Balcron Monument Federal #13-5
Balcron Federal #41-21Y
Balcron Federal #21-13Y
Balcron Federal #21-9Y
Balcron Monument Federal #23-5
Balcron Monument Federal #23-11
Balcron Federal #22-10Y
Balcron Federal #44-14Y
Balcron Federal #24-3Y

These are to replace the sundry notices which were filed as NTL2B.

Also enclosed for your information is a copy of the State approval of the primary facility at which we dispose of our produced water.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

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

DIVISION OF
OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-64806

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 #44-14Y

9. API Well No.
43-047-32438

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

11. County or Parish, State
Uintah County, UTAH

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)
**SE SE Section 14, T9S, R17E
1008.2' FSL, 832.3' FEL**

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

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

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

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

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used 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 *Bobbie Schuman* Title Coordinator of Environmental and Regulatory Affairs Date November 30, 1993
(This space for Federal or State office use)

Approved by _____ Title _____
Conditions of approval, if any: Federal Approval of this Action is Necessary

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]*



**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

CONFIDENTIAL

RECEIVED

February 9, 1994

FEB 11 1994

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

**DIVISION OF
OIL GAS & MINING**

Gentlemen:

RE: Balcron Federal #21-9Y
Balcron Federal #22-10Y
Balcron Federal #21-13Y
Balcron Federal #44-14Y

43-047-32438

Enclosed for your files is a copy of the daily operating reports for the referenced well.

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

Sincerely,

Molly Conrad

Molly M. Conrad
Operations Secretary

/mc

Enclosures

cc: State of Utah, Division of Oil, Gas, & Mining

DAILY OPERATING REPORTBALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
 Uintah County, Utah

---TIGHT HOLE---

1008.2' FSL, 832.3' FEL

PTD: 5700' Formation: Green River

Green River Prospect/Monument Butte Field

Elevations: 5164.3' GL

Contractor: Union Drilling Rig #17

Operator: Balcron/EREC

Spud: 8/3/93 @ 11:15 p.m.

Casing: 8-5/8" @ 256'

5-1/2" @ 5631'

7-29-93 Present Operation: Start building location & road.

7-30-93 Present Operation: Work on location & road.

7-31-93 Present Operation: Work on location & road.

8-1-93 Present Operation: Finish location & install pit liner.
 DC: Not given CC: \$13,550

8-3-93 Present Operation: Move rig.
 Haul some water to reserve pit. Start moving on location
 with drilling rig.
 DC: \$2,802 CC: \$16,352

8-4-93 TD: 272' (272') Day 1
 Formation: Uinta
 Present Operation: Blow hole.
 Spud @ 11:15 PM 8/3/93. Haul water to reserve. Move rig
 & rig up, drill, & set 13-3/8 conductor pipe. Install
 rotating head & drill 12-1/4 hole to 272'.
 DC: \$3,796 CC: \$20,148

8-5-93 TD: 272' (0') Day 2
 Present Operation: Drilling.
 Blow hole, trip out, nipple down air head & pull
 conductor. Run 6 jts 8-5/8" casing & use Dowell to
 cement. WOC, cut off casing & weld on casing head.
 Nipple up BOP, test BOP & manifold to 2000 psi, OK.
 Casing would not test. Run packer & test to 1500 psi,
 OK. Put on flow line & drill cement. Cement with 150 sx
 Class G 2% CCL & 1/4# per sack Celloflake - approx 5 BBLS
 return. Plug down @ 9:00 AM 8/4/93.
 DC: \$7,049 CC: \$27,197

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-6-93 TD: 1,301' (1,029') Day 3
Formation: Uintah
Present Operation: Drilling.
Drill, survey, change air head drill. Geologist & mud
loggers working.
DC: \$13,759 CC: \$40,938

8-8-93 TD: 3,522' (1,025') Day 5
MW 8.7 Vis 27 pH 10.7
Formation: Green River
Present Operation: Drilling.
Drill, survey, clean on rig. Hole making about 10 BBLs
water per hour. First got wet @ 300'. No big increase
anywhere.
DC: \$13,711 CC: \$70,626

8-9-93 TD: 4,107' (585') Day 6
MW 8.5 Vis 27 pH 10.1
Formation: Green River
Present Operation: Trip in hole.
Drill, survey, trip out for bit. Start trip in hole.
Blow water from 3,000' down.
DC: \$8,882 CC: \$79,508

PLEASE NOTE --> CORRECT COUNTY FOR THIS WELL IS UNITAH COUNTY.
CORRECT API# IS 43-047-32438.

8-10-93 TD: 4,950' (843') Day 7
MW 8.5 Vis 27 pH 10.1
Formation: Green River
Present Operation: Drilling.
Blowing water going in hole, ream 50' to bottom. Drill,
survey.
DC: \$12,518 CC: \$92,026

8-11-93 TD: 5,650' (700') Day 8
MW 8.5 Vis 27 pH 10.4
Formation: Green River
Present Operation: Circulate hole.
Drill, survey, blow hole, circulate hole, pump sweep,
short trip, circulate hole.
DC: \$11,590 CC: \$103,612

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

- 8-12-93 TD: 5,650' (0') Day 9
Formation: Green River
Present Operation: Prepare to cement.
Circulate for logs, trip out, rig up Halliburton Logging Services. Log well. Run drill collars in hole & trip in hole, & circulate. Lay down drill pipe. Unload 5-1/2" casing, run 5-1/2" casing, circulate pipe for 1 hour.
DC: \$16,388 CC: \$120,000
- 8-13-93 TD: 5,650' (0') Day 10
Present Operation: Move rig.
Release rig @ 11:00 AM, 8/12/93. Circulate casing, RU Halliburton & cement 5-1/2" casing. Good returns & just started getting gray water when plug bumped. Fluid went back down hole. Get slips & cut pipe off. Nipple down BOP & clean mud tank. Plug down @ 7:20 AM, 8/12/93.
DC: \$47,783 CC: \$167,783
- 8-13-93 Present Operation: Shut in.
Clean & level location. Set anchors.
DC: \$1,273 CC: \$169,056
- 8-14-93 Present Operation: Shut in.
Install tubing head.
DC: \$114 CC: \$169,170
- 8-15-93 Present Operation: TIH.
MIRU AAA Well Service Rig #1. NU well head, NU BOP.
Move in 500 BBL Frac Master tank.
DC: \$3,884 CC: \$173,054
- 8-16-93 Present Operation: Picking up tubing.
TIH w/4-3/4" drag bit & 2-7/8" EUE, J-55, 8 rd 6.5# tbg.
Tag PBTD @ 5,591' KB. Circulate well clean w/152 BBLs of 2% KCL water. TOOH w/16 stands of tbg. Rig broke down, SDFN.
DC: \$11,848 DC: \$184,902

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-17-93 Present Operation: Logging (CBL) & Perforating.
Pressure test csg and BOP 1000 PSIG OK. TOOH with 140 jts 2-7/8"
tbg scraper & bit. RU Cutter Wireline to bond log and perf.
Cement top at 247' KB. Perf 4,745'-58' 2 SPF. RD Cutters. TIH
with packer, S/N & tbg. Set packer at 4,693'. Rig up Western to do
breakdown. Break at 3100 psi. Pumped 60 balls, 98 BOW, got ball
action but no ball off. Max pressure 3500 psi. Flowed & swabbed
well, recovered 29 BOW w/trace oil. TOOH w/52 jts 2-7/8' tbg.
SWIFN. Load to recover 78 BOW.
DC: \$8,563 CC: \$193,465

8-18-93 Present Operation: SIFD.
TOOH w/tbg & packer. SICP = 15 PSIG. Test surface equipment 4500
PSIG - OK. Start load hole. Start pad rate 20.1 BPM, PSIG 2050
psi, 95 bbls water.

SAND	RATE	PRESSURE	BBL. SLURRY
2# 20/40	20.2	2020	10
3# 20/40	20.0	2100	22
4# 20/40	20.2	2150	25
5# 20/40	20.0	2130	32
6# 20/40	20.0	1880	44
6# 16/30	19.5	1730	43
7# 16/30	RUN OUT OF SAND		

Flush; frac complete. ISIP 1750 psi, 5 minutes 1600 psi, 10
minutes 1570 psi, 15 minutes 1550 psi. SWIFD. Load used today
348 bbls water. Load to be recovered from 8-16-93 = 78 bbls water.
Total load to recover - 426 bbls water.

DC: \$17,441 CC: \$210,906

---PLEASE SEE ATTACHED TREATMENT SUMMARY---

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

8-19-93 Present Operation: Circulating sand.
Csg 425 PSIG. Flow back 30 bbls water. TIH w/one jt tbg, packer & 2-7/8" tbg to 4,800'. Did not tag fill. POOH to 4,700', set packer. Made six swab runs. Recovered 36 bbls water, well flowed 15 bbls oil & 30 bbls water, pumped 75 bbls water down tbg to kill well. Release packer & TIH to 5,300'. Tag sand @5,300', tbg plugged. Cleared plug. Circulated down to 5,314'. Kill well w/25 bbls water. TOOH to 4,550'. SWIFN. Load to recover from 8-18-93 - 426 bbls; load used 100 bbls water; load recovered 60 bbls water; total load to recover 466 bbls water.
DC: \$8,184 CC: \$219,090

8-23-93 Clean sand out of flat tank. Pull water from pit.
DC: \$8,708 CC: \$227,798

8-24-93 Clean up location. Start pads. Reclaim pit.
DC: \$1,933 CC: \$229,731

8-25-93 Continue surface equipment hook-up.
DC: \$2,890 CC: \$232,621

8-26-93 Continue surface equipment hook-up.
DC: \$15,412 CC: \$248,033

8-27-93 Continue surface equipment hook-up.
DC: \$1,319 CC: \$249,352

8-28-93 Continue surface equipment hook-up.
DC: \$790 CC: \$250,142

8-30-93 Continue surface equipment hook-up. Start well pumping @ 1630 hrs. SPM = 7; stroke length = 54".
DC: \$469 CC: \$250,611

8-31-93 -0- STBO & 60 STBW, pumped 16 hrs.

8-31-93 Continue clean up & dikes.
DC: \$795 CC: \$251,406

9-1-93 20 STBO & 105 STBW. 200 PSIG on csg gas. Returning load water.

9-2-93 40 STBO & 40 STBW, pumped 24 hrs.

9-3-93 45 STBO & 10 STBW, pumped 24 hrs. 20 psig csg.

BALCRON OIL
DAILY OPERATING REPORT

BALCRON FEDERAL #44-14Y

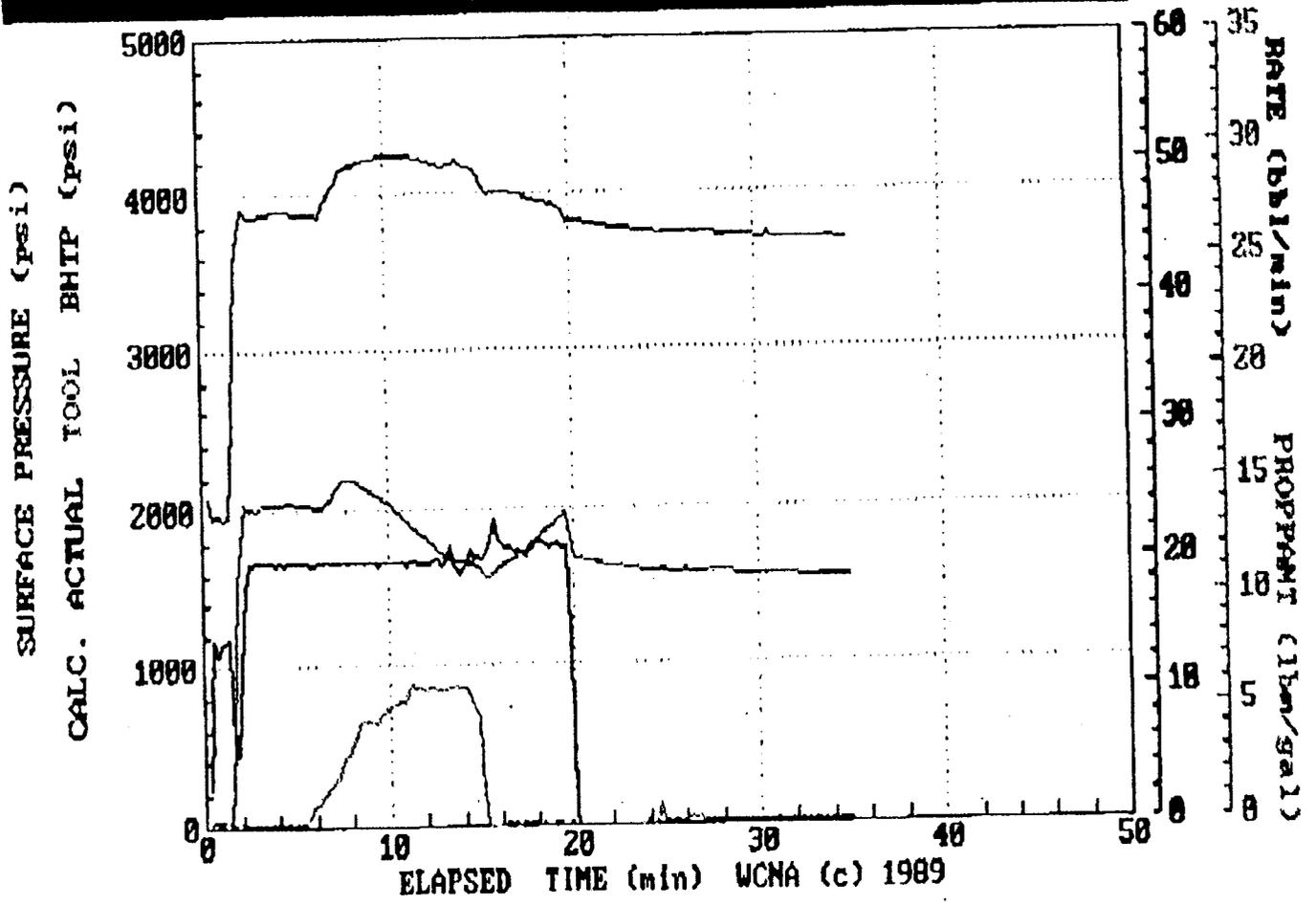
Location: SE SE Section 14, T9S, R17E
Uintah County, Utah

---TIGHT HOLE---

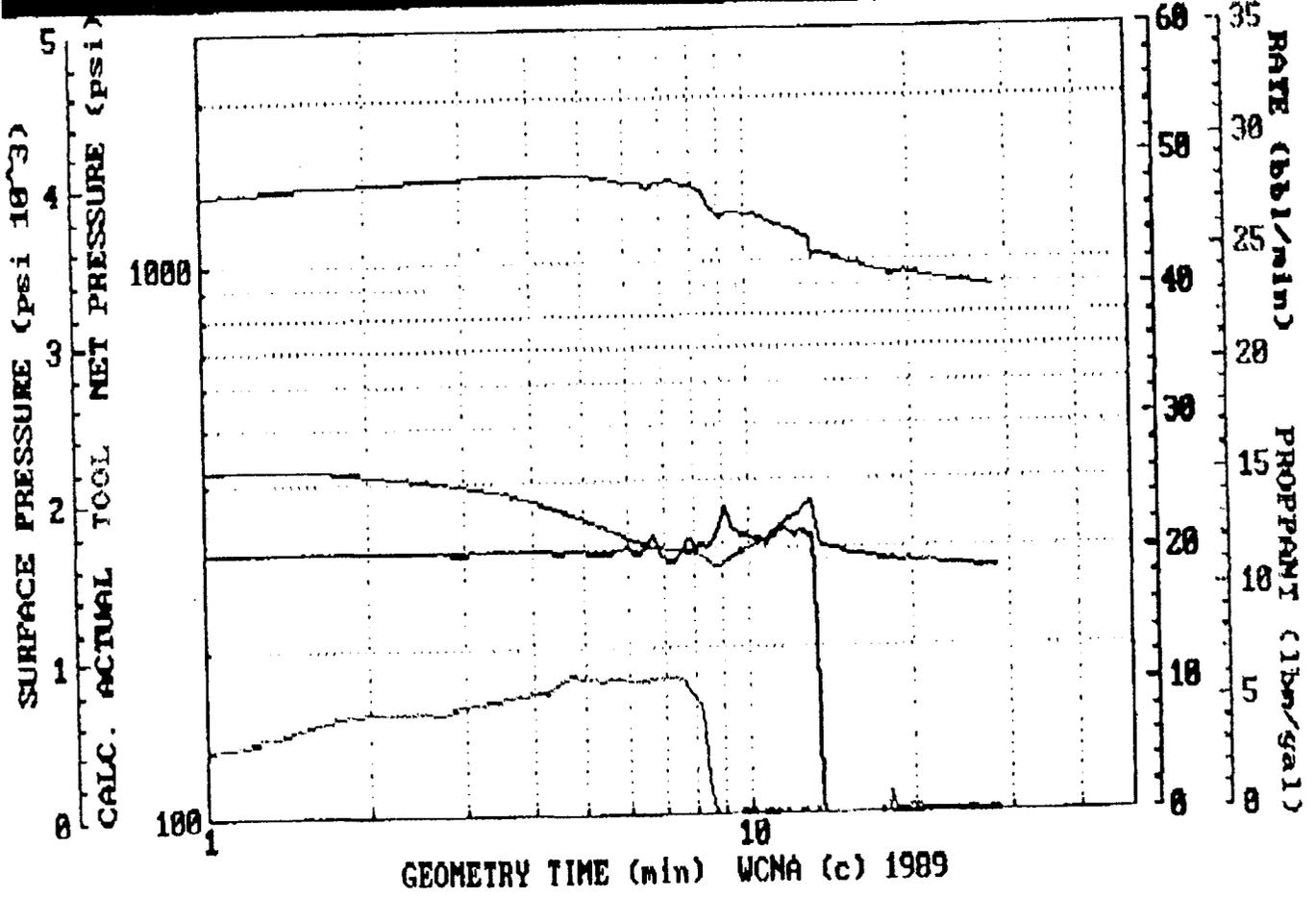
9-4-93 80 STBO & 5 STBW.

9-5-93 77 STBO & 5 STBW.

9-6-93 87 STBO & 2 STBO.



ELAPSED TIME (min) WCNA (c) 1989



GEOMETRY TIME (min) WCNA (c) 1989



The Western Company—Treatment Report

Date 8-18-93 District UARNAL F. Receipt 220741 Operator BALCON OIL CO.
 Lease FEDERAL Well No. 44-144 Field MADALMENT BUTTE Location S14-T9S-R17E
 County DUCHENE State UT Stage Number 1 This Zone This Well

WELL DATA OGD NGO NOO OOO WOO IWO Misc. Depth TD/PT 5591 Formation CLAY RIVER
 Typing Size _____ WT. _____ Set at: _____ Type Packer _____ Set At _____
 Casing Size 5 1/2 WT. 15.5 Set From SUREACK To TS Liner Size _____ WT. _____
 Liner Set From _____ To _____ Open Hole: Size _____ From _____ To _____ Casing Perforations: Size .45
 Holes Per Foot 2 Intervals 4745-4758
 Previous Treatment NA Prior Production NA

TREATMENT DATA Pad Used: Yes No Pad Type UZKING I-35
 Treating Fluid Type: Foam Water Acid Oil Treat. Fluid Vol. 9954 Gal.
 Base Fluid Type UZKING I 35 Base Fluid Vol. 9954 Gal.
 Foam Qual.: _____ % Mitchell Slurry Surface Downhole Total Prop Qty. 39,120 Lbs.
 Prop Type: Sand WP-1 WP-3 Baux. Other _____
 Prop Mesh Sizes, Types and Quantities 20/40 - 22,780 16/30 - 16,340
 Hole Loaded With _____ Treat Via: Tubing Casing Anul. Tubing & Anul.
 Ball Sealers: _____ In _____ Stages of _____
 Types and Number of Pumps Used TM 1300-3
 Auxiliary Materials _____

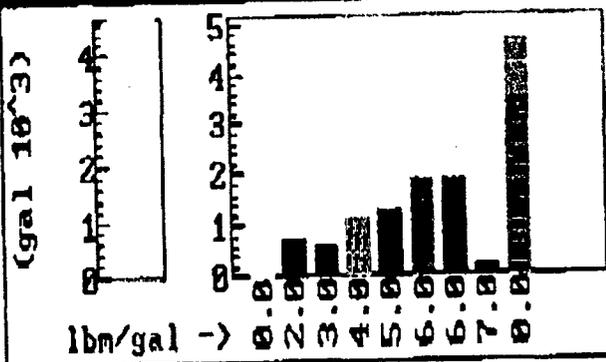
LIQUID/GAS PUMPED AND CAPACITIES IN BBLs.
 Tubing Cap. _____
 Casing Cap. 112.9
 Annular Cap. _____
 Open Hole Cap. _____
 Fluid to Load 17
 Pad Volume 95
 Treating Fluid 237
 Flush 111
 Overflush _____
 Fluid to Recover 348
 Total N₂ _____
 Total CO₂ _____

PROCEDURE SUMMARY

Time (AM/PM)	Treating Pressure-Psi		Surface Slurry BBLs Pumped		Slurry Rate BPM	Surface CO ₂ BBLs Pumped		CO ₂ Rate BPM	Surface N ₂ MSCF Pumped		N ₂ Rate SCFM	Comments
	STP	Annulus	Stage	Total		Stage	Total		Stage	Total		
8:45	—	—	—	—	—	—	—	—	—	—	—	TEST LINES @ 4500 psi
9:02	2010	—	—	—	20.2	—	—	—	—	—	—	START PAD
9:04	2050	—	—	95	20.1	—	—	—	—	—	—	START 2.0" 20140
9:09	2070	—	—	105	20.1	—	—	—	—	—	—	START 3.0" 20140
9:09	2200	—	—	127	20.1	—	—	—	—	—	—	START 4.0" 20140
9:11	2140	—	—	152	20.1	—	—	—	—	—	—	START 5.0" 20140
9:12	2000	—	—	114	20.1	—	—	—	—	—	—	START 6.0" 20140
9:15	1750	—	—	202	20.2	—	—	—	—	—	—	START 6.0" 16/30
9:17	1690	—	—	272	21.3	—	—	—	—	—	—	START 2.0" 16/30
9:22	1750	—	—	382	—	—	—	—	—	—	—	SHUTDOWN ALL FLUSH Sement 1600 psi 10min 1570 psi 15min 1550 psi

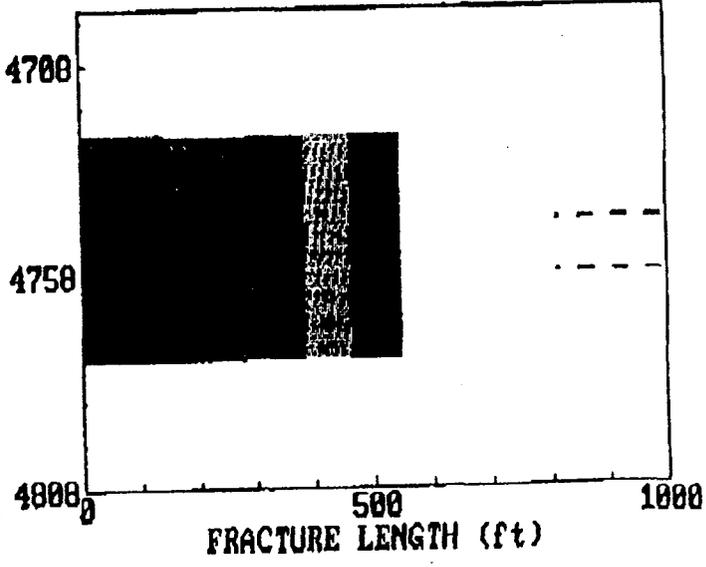
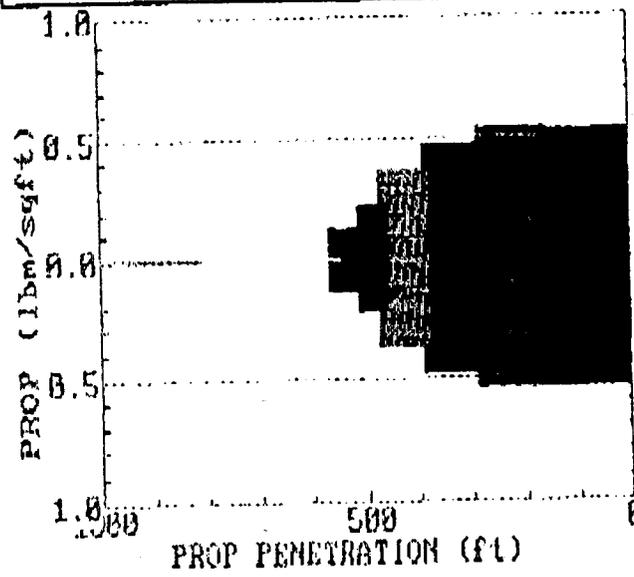
Treating Pressure: Min. 1500 Max. 2100 Avg. 1800 Customer Representative MR. DALE GREEN
 Inj. Rate on Treating Fluid 20.1 Rate on Flush 21.4 Western Representative J. SZARICKA
 Avg. Inj. Rate 20.5 I.S.D.P. 1750 Flush Dens. lb./gal. 8.4 Distribution BALCON
 Final Shut-in Pressure 1550 in 15 Minutes
 Operator's Maximum Pressure 3000 psi

Job Number _____ Recommendation ID # _____



THE WESTERN COMPANY OF NORTH AMERICA

ELAPSED TIME = 34.86 min.
 SURFACE PRESSURE = 1551 psi.
 FRACTURE HEIGHT = 53 ft.
 AVERAGE WIDTH = 0.177 in.
 WING LENGTH = 808 ft.
 NET PRESSURE = 897 psi.
 PUMP RATE = 0.0 bpm.
 PROPPANT CONC. = 0.1 ppg.





SHOW REPORT # 1

Operator Balchun 016 00 Date Aug 11, 92
 Well Federal 44-144 Field Monument Butte CLI Project #
 Location Sec 14 T9S R17E County Duchesne State UTAH

DESCRIPTION OF PROBABLE RESERVOIR ROCK:

Show interval - from 5276 to 5286; Visual # 0
 Lithology: SS wh LGY VP-ma sh rd, UALCONS - W-ems ip, Calc cont
Tr sil cont.

Percentage Reservoir Rock in Sample 30 %, Percentage Reservoir Rock w/Flu 30 %
 Fluorescence: Color bri yel Intensity , Distribution

Solvent Cut: Normal Color Bri yel Flu. Color Bri yel
 Intensity Development Fast Stems solvent cont

GAS INFORMATION:

Drilling Fluid Gas: Gas is- liberated produced X both

	Total	C1	C2	C3	C4	C5	Oil Indic.
Maximum	18.4	.0470	.08	.009	.003	..	
Background	2	.0090	0	0	0		
Net	16	.034	.08	.009	.003		N/A

Drill Cuttings Gas:

	Total	C1	C2	C3	C4	C5	Oil Indic.
Maximum							
Background							
Net							N/A

DRILLING INFORMATION:

Review
 Average Drilling rate - During break 3 m/f Before break 1 m/f Controlled drlg
 Bit - Type NW 44, diameter 7 7/8; Condition- new, worn, dull
 Wt. on Bit - Increased to , decreased to no change at X
 Mud - Wt. , Vis. , F , Ck , % Oil , % Sand
 Chlorides during show Before show
 Other -

FIELD EVALUATION:

Remarks:





SHOW REPORT # 2

Operator Bakron Oil Co Date Aug 11, 93

Well Federal 44-147 Field Mount Butte CLI Project # _____

Location Sec 14-T4S-R17E County Duchesne State Utah

DESCRIPTION OF PROBABLE RESERVOIR ROCK:

Show interval - from 5298 to 5330; Visual # 0

Lithology: SS wh-ltgy p-ms, sh rd pred UNCONS. calc cont

Percentage Reservoir Rock in Sample 40 %, Percentage Reservoir Rock w/Flu 10 %

Fluorescence: Color bri yel Intensity _____, Distribution _____

Solvent Cut: Normal Color bri yel Flu. Color _____

Intensity _____ Development mod-pmt stems cont

GAS INFORMATION:

Drilling Fluid Gas: Gas is- _____ liberated _____ produced X both

	Total	C1	C2	C3	C4	C5	Oil Indic.
Maximum	<u>22</u>	<u>.1</u>	<u>.014</u>	<u>.015</u>	<u>.008</u>		
Background	<u>2</u>	<u>.0076</u>	<u>0</u>	<u>0</u>	<u>0</u>		
Net	<u>20</u>	<u>.094 %</u>	<u>.014</u>	<u>.015</u>	<u>.008</u>		<u>N/A</u>

Drill Cuttings Gas:

	Total	C1	C2	C3	C4	C5	Oil Indic.
Maximum							
Background							
Net							<u>N/A</u>

DRILLING INFORMATION:

Reverse

Average Drilling rate - During break 1.5-2.2F Before break 2.7F Controlled drlg _____

Bit - Type HTW, diameter 7 7/8; Condition- _____ new, _____ worn, _____ dull

Wt. on Bit - Increased to _____, decreased to _____ no change at X

Mud - Wt. _____, Vis. _____, F _____, Ck _____, % Oil _____, % Sand _____

Chlorides during show _____ Before show _____

Other - _____

FIELD EVALUATION:

Remarks: _____





SHOW REPORT # 1

Operator BALVIN OIL CO Date AUG 11, 92
 Well Federal 44-144 Field MONUMENT BUTTE CLI Project #
 Location Sec 14 T4S R17E County Duchesne State UTAH

DESCRIPTION OF PROBABLE RESERVOIR ROCK:

Show interval - from 5276 to 5286; Visual 0
 Lithology: SS wh LTGY VF-mg sh ck, UNCALMS - W-emg IP, Calc con T
TR SIL conT.

Percentage Reservoir Rock in Sample 30 %, Percentage Reservoir Rock w/Flu 30 %
 Fluorescence: Color bri Yel Intensity , Distribution

Solvent Cut: Normal Color Bri Yel Flu. Color Bri Yel
 Intensity Development Fast strong solvent cut

GAS INFORMATION:

Drilling Fluid Gas: Gas is- liberated produced X both

	Total	C1	C2	C3	C4	C5	Oil Indic.
Maximum	184	.0470	.08	.009	.003	"	
Background	2	.0090	0	0	0		
Net	16	.034	.08	.009	.003		N/A

Drill Cuttings Gas:

	Total	C1	C2	C3	C4	C5	Oil Indic.
Maximum							
Background							
Net							N/A

DRILLING INFORMATION:

Reverse

Average Drilling rate - During break 3 m/f Before break 1 m/f Controlled drlg
 Bit - Type ATI 44, diameter 7.75; Condition- new, worn, dull
 Wt. on Bit - Increased to , decreased to no change at X
 Mud - Wt. , Vis. , F , Ck , % Oil , % Sand
 Chlorides during show Before show
 Other -

FIELD EVALUATION:

Remarks:





SHOW REPORT # 2

Operator Balcom Oil Co Date Aug 11, 93
 Well Federal 44-147 Field Mount Butte CLI Project # _____
 Location Sec 14-T1S-R17E County Duchesne State Utah

DESCRIPTION OF PROBABLE RESERVOIR ROCK:

Show interval - from 5248 to 5330; Visual # 0
 Lithology: SS wh-ltgy p-ms, sh rd pred UNCONS, cglc cut

Percentage Reservoir Rock in Sample 40 %, Percentage Reservoir Rock w/Flu 10 %
 Fluorescence: Color bri yel Intensity _____, Distribution _____
 Solvent Cut: Normal Color bri yel Flu. Color _____
 Intensity _____ Development mod - part stems cut

GAS INFORMATION:

Drilling Fluid Gas: Gas is- _____ liberated _____ produced X both

	Total	C1	C2	C3	C4	C5	Oil Indic.
Maximum	22	.1	.014	.015	.008		
Background	2	.0076	0	0	0		
Net	20	.094	.014	.015	.008		N/A

Drill Cuttings Gas:

	Total	C1	C2	C3	C4	C5	Oil Indic.
Maximum							
Background							
Net							N/A

DRILLING INFORMATION:

Average Drilling rate - During break Reverse 1.5-2.0 Before break 1.5-2.0 Controlled drlg _____
 Bit - Type API, diameter 7 7/8; Condition- _____ new, _____ worn, _____ dull
 wt. on Bit - Increased to _____, decreased to _____ no change at X
 Mud - Wt. _____, Vis. _____, F _____, Ck _____, % Oil _____, % Sand _____
 Chlorides during show _____ Before show _____
 Other - _____

FIELD EVALUATION:

Remarks: _____



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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

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



EQUITABLE RESOURCES
ENERGY COMPANY

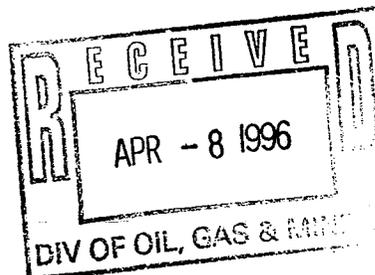
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

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

March 22, 1996

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



Gentlemen:

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

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

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

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

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
See attached listing

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

7. Unit Agreement Name:
See attached listing

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
Bobbie Schuman

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

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	LEC 7-SJ
2	DEC 58-FILE
3	VLD (GIL)
4	RJE
5	IFC
6	FILM

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

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

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

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

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

Name: **SEE ATTACHED**	API: <u>047-32437</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

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

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

FILMING

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

FILING

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

COMMENTS

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

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.

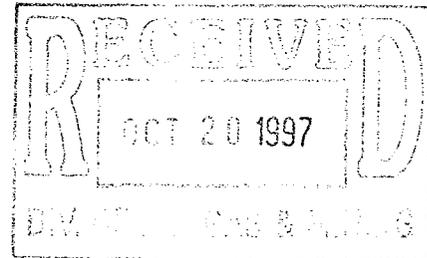
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY


Patsy Barreau

/pb
encls.



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

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

CO, Sec., T., R., M.:

County:

State:

RECEIVED
OCT 13 1997

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

NOTICE OF INTENT
(Submit in Duplicate)

- 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 1 1997

13.

Name & Signature:

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
✓ WALTER FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTER FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
WALTER FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTER FEDERAL #4	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
✓ CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
✓ CASTLE PEAK STATE #43-16	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K. JORGENSON STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
✓ STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

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

IN REPLY REFER TO:
3162.3
UT08438

December 5, 1997

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

Re: ⁴³⁻⁰⁴⁷⁻³²⁴³⁸
Well No. Balcron Federal 44-14Y
SESE, Sec. 14, T9S, R17E
Lease U-64806
Uintah County, Utah

Dear Sir:

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

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

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

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



**EQUITABLE RESOURCES
ENERGY COMPANY**

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

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

Dear Lisha:

RE: Equitable Sale of Utah Properties

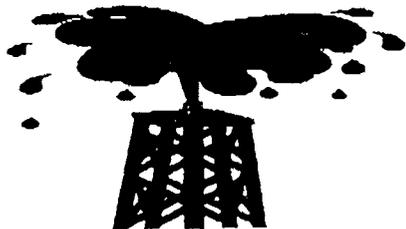
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

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

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



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

TO: *Lisha*
St of Utah.

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

Pages Attached - Including Cover Sheet *2.*

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

OPERATOR CHANGE WORKSHEET

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

Routing	
1-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>43-047-32438</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

- Y/ce 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

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

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

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

FILMING

- Y/ce 1. All attachments to this form have been microfilmed. Today's date: 1.12.98

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

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-64806

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.

#44-14Y

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

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

Sec. 14, T9S, R17E

12. COUNTY OR PARISH

Uintah

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. RESRV. Other _____

CONFIDENTIAL

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SE SE Sec. 14, T9S, R17E 1008.2' FSL, 832.3' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-047-32438 DATE ISSUED 6/16/93

15. DATE SPUNDED 8/3/93 16. DATE T.D. REACHED 8/11/93 17. DATE COMPL. (Ready to prod.) 8/30/93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5164.3' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5,650' 21. PLUG, BACK T.D., MD & TVD 5582' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY Sfc. - TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4, 745'-4,758' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, DLL, FDC-QNL-GR MUD LOGS 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	256'	12-1/4"	150 sxs Class "G" + additives	none
5-1/2"	15.50#	5631'	7-7/8"	260 sxs Hifill & 235 sxs 50-50 POZ with additives	none

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	4,827'	n/a

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4,745'-4,758'	2 SPF		4,745'-4,758'	22,780# - 20/40 sand and 16,340# - 16/30 sand in 237 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)
8/30/93	Pumping - 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
9-4-93	24	n/a	→	80	25	5	312

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a	→	80	25	5	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 September 29, 1993
 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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			No DSTs run	See Geologic Report to be sent separately.		

38. GEOLOGIC MARKERS

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-64806

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
FEDERAL 44-14Y

9. API Well No.
43-047-32438

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1008 FSL 0832 FEL SE/SE Section 14, T09S R17E
NW

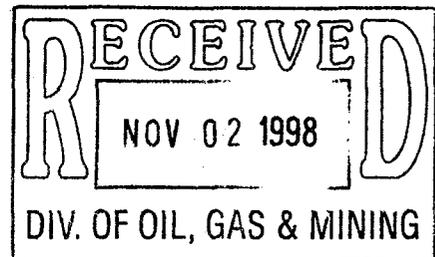
12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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 Site Security
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

Attached please find the site security diagram for the above referenced well.



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

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

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Inland Production Company Site Facility Diagram

Federal 44-14Y

SE/SE Sec. 14, T9S, 17E

Uintah County

May 12, 1998

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

Production Phase:

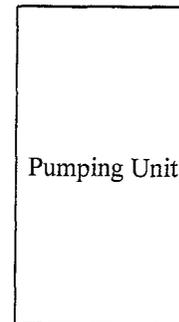
- 1) Valves 1 and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

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

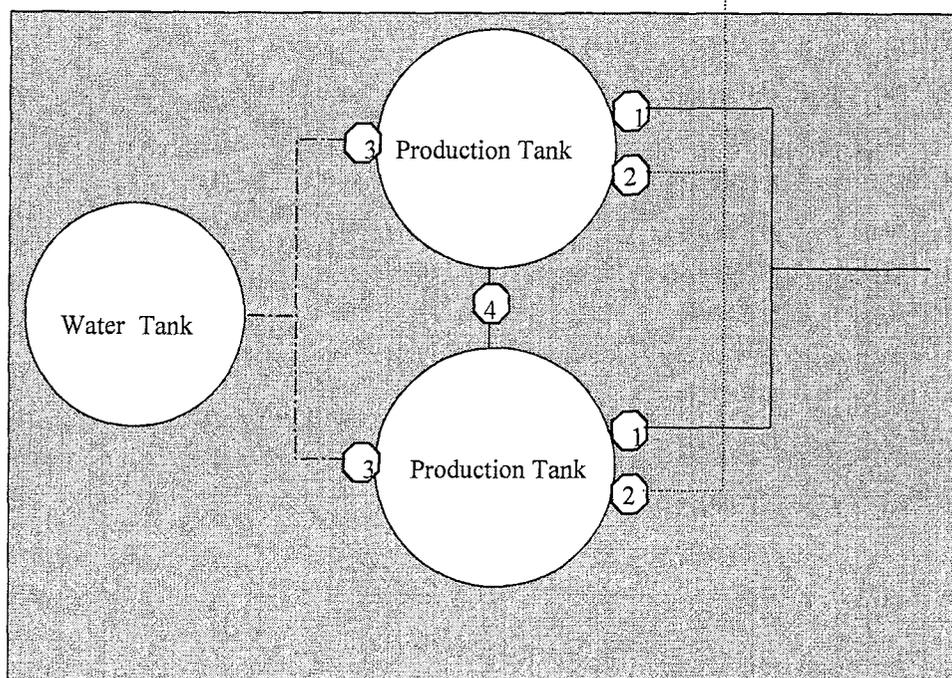
Draining Phase:

- 1) Valve 3 open



Gas Sales Meter

Diked Section



Emulsion Line
Load Line	————
Water Line	- - - - -
Gas Sales	- · - · - ·



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

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



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

OPERATOR CHANGE WORKSHEET

ROUTING	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		9/1/2004
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

CA No. Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
REX LAMB 34-1	34	040S	010E	4304731528	9690	Fee	OW	P	
REX LAMB 34-2	34	040S	010E	4304731692	9691	Fee	OW	P	
MONUMENT FED 13-25	25	080S	170E	4304732527	11835	Federal	NA	PA	K
FEDERAL #23-26	26	080S	180E	4304732080	11265	Federal	OW	P	
PARIETTE FED 10-29	29	080S	180E	4304731464	1428	Federal	OW	P	
W PARIETTE FED 6-29	29	080S	180E	4304731550	10975	Federal	OW	P	
FEDERAL 44-29	29	080S	180E	4304732079	11267	Federal	OW	S	
STATE 31-32	32	080S	180E	4304732500	11645	State	OW	S	
FEDERAL 12-34	34	080S	180E	4304732077	11276	Federal	OW	S	
GULF STATE 36-12	36	080S	180E	4304731864	11002	State	OW	S	
GULF STATE 36-22	36	080S	180E	4304731892	11095	State	OW	P	
UTD STATE 36-K	36	080S	180E	4304732580	11752	State	OW	S	
UTD STATE 36-M	36	080S	180E	4304732581	11749	State	OW	S	
WILDROSE FEDERAL 31-1	31	080S	190E	4304731415	9535	Federal	OW	TA	
FEDERAL 44-14Y	14	090S	170E	4304732438	11506	Federal	OW	P	
21BALCRON FED 31-5Y	05	090S	180E	4304732503	11680	Federal	OW	S	
FEDERAL 15-8-9-18	08	090S	180E	4304731547	10275	Federal	OW	S	
BALCRON FED 41-19Y	19	090S	180E	4304732504	11651	Federal	OW	P	
UTD CHASEL 24-14	24	090S	180E	4304732566	11798	Federal	OW	S	
FEDERAL 41-29	29	090S	180E	4304732495	11646	Federal	OW	S	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

June 30, 2005

Newfield Production Company
Attn: Kelly L. Donohoue
1401 Seventeenth Street, Suite 1000
Denver, Colorado 80202

Gentlemen:

The Sundance (Green River) Unit Agreement, Uintah County, Utah, was approved June 30, 2005. This agreement has been designated No. UTU82472X, and is effective July 1, 2005. The unit area embraces 11,143.86 acres, more or less.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Sundance (Green River) Unit will be covered by your nationwide (Utah) oil and gas bond No. 0056.

The following leases embrace lands included within the unit area:

UTU0075174	UTU39713	UTU65970*	UTU79013*
UTU16539*	UTU39714	UTU74404	UTU79014*
UTU16540	UTU44429	UTU74835	UTU80915
UTU17424*	UTU64806*	UTU74872*	UTU82205
UTU18043	UTU65969	UTU75234	

* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests by State of Utah, Cause No. 228-08 are fully committed.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

RECEIVED

JUL 01 2005

DIV. OF OIL, GAS & MINING

*Docket No
2005-009*

We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources. Certification-Determination, signed by the School and Institutional Trust Land Administration for the State of Utah, is attached to the enclosed agreement. We request that you furnish the State of Utah and all other interested principals with appropriate evidence of this approval.

Sincerely,

/s/ Terry Catlin

Terry Catlin
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Mary Higgins w/enclosure
MMS - Data Management Division (Attn: James Sykes)
Trust Lands Administration
Division of Oil, Gas and Mining
Field Manager - Vernal w/enclosure
File - Sundance (Green River) Unit w/enclosure
Agr. Sec. Chron
Fluid Chron
Central Files

UT922:TAThompson:tt:06/30/2005

Entity Form 6
 "C" Change from one existing entity to another existing entity

API	Well	Sec	Twsp	Rng	Entity	Entity Eff Date
4304735697	FEDERAL 15-13-9-17	13	090S	170E	14828 to 14844	9/20/2005
4304735698	FEDERAL 13-13-9-17	13	090S	170E	14813 to 14844	9/20/2005
4304735699	FEDERAL 11-13-9-17	13	090S	170E	14837 to 14844	9/20/2005
4304735702	FEDERAL 5-13-9-17	13	090S	170E	14836 to 14844	9/20/2005
4304736012	FEDERAL 14-13-9-17	13	090S	170E	14790 to 14844	9/20/2005
4304732438	FEDERAL 44-14Y	14	090S	170E	11506 to 14844	9/20/2005
4304735708	FEDERAL 9-14-9-17	14	090S	170E	14808 to 14844	9/20/2005
4304735709	FEDERAL 11-14-9-17	14	090S	170E	14734 to 14844	9/20/2005
4304735710	FEDERAL 15-14-9-17	14	090S	170E	14735 to 14844	9/20/2005
4304736068	FEDERAL 14-14-9-17	14	090S	170E	14770 to 14844	9/20/2005
4304736069	FEDERAL 10-14-9-17	14	090S	170E	14787 to 14844	9/20/2005
4304736071	FEDERAL 6-14-9-17	14	090S	170E	14809 to 14844	9/20/2005
4304731181	FEDERAL 14-4-9-18	04	090S	180E	14601 to 14844	9/20/2005
4304732653	FEDERAL 13-4-9-18	04	090S	180E	14602 to 14844	9/20/2005
4304732654	FEDERAL 11-4-9-18	04	090S	180E	14603 to 14844	9/20/2005
4304735473	FEDERAL 1-4-9-18	04	090S	180E	14533 to 14844	9/20/2005
4304735474	FEDERAL 7-4-9-18	04	090S	180E	14499 to 14844	9/20/2005
4304735475	FEDERAL 9-4-9-18	04	090S	180E	14530 to 14844	9/20/2005
4304735589	FEDERAL 2-4-9-18	04	090S	180E	14485 to 14844	9/20/2005
4304735590	FEDERAL 3-4-9-18	04	090S	180E	14697 to 14844	9/20/2005
4304735591	FEDERAL 5-4-9-18	04	090S	180E	14680 to 14844	9/20/2005
4304735592	FEDERAL 6-4-9-18	04	090S	180E	14696 to 14844	9/20/2005
4304735593	FEDERAL 8-4-9-18	04	090S	180E	14528 to 14844	9/20/2005
4304735594	FEDERAL 10-4-9-18	04	090S	180E	14535 to 14844	9/20/2005
4304735595	FEDERAL 12-4-9-18	04	090S	180E	14670 to 14844	9/20/2005
4304732503	21BALCRON FED 31-5Y	05	090S	180E	11680 to 14844	9/20/2005
4304735290	FEDERAL 5-5-9-18	05	090S	180E	14669 to 14844	9/20/2005
4304735292	FEDERAL 9-5-9-18	05	090S	180E	14554 to 14844	9/20/2005
4304735293	FEDERAL 11-5-9-18	05	090S	180E	14769 to 14844	9/20/2005
4304735294	FEDERAL 13-5-9-18	05	090S	180E	14658 to 14844	9/20/2005
4304735505	FEDERAL 14-5-9-18	05	090S	180E	14687 to 14844	9/20/2005
4304735506	FEDERAL 12-5-9-18	05	090S	180E	14651 to 14844	9/20/2005
4304735891	FEDERAL 10-5-9-18	05	090S	180E	14698 to 14844	9/20/2005
4304734933	FEDERAL 6-6-9-18	06	090S	180E	14152 to 14844	9/20/2005
4304734934	FEDERAL 7-6-9-18	06	090S	180E	14126 to 14844	9/20/2005
4304734936	FEDERAL 13-6-9-18	06	090S	180E	14049 to 14844	9/20/2005

NEWFIELD



April 17, 2007

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Re-completion
Federal 44-14Y-9-17
Sec.14, T9S, R17E
API #4304732438

Dear Mr. Brad Hill:

The subject well had new perforations added in the Green River Formation. Then put back on production. Please find enclosed the sundry.

Sincerely,

A handwritten signature in cursive script that reads "Jentri Park".

Jentri Park
Production Clerk

RECEIVED
APR 18 2007
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-64806

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:
SUNDANCE UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
FEDERAL 44-14Y

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304732438

3. ADDRESS OF OPERATOR: PHONE NUMBER
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1008 FSL 832 FEL COUNTY: UINTAH
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESE, 14, T9S, R17E STATE: UT

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 (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>04/17/2007</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was recompleted on 04/10/07, attached is a daily status report.

RECEIVED
APR 18 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jeptri Park TITLE Production Clerk
SIGNATURE  DATE 04/17/2007

(This space for State use only)

Daily Activity Report

Format For Sundry
FEDERAL 44-14Y-9-17
 2/1/2007 To 6/30/2007

4/1/2007 Day: 1

Recompletion

Rig #59 on 3/31/2007 - MIRU Key #59. Hotoiler had 70 bbls water down csg. RD pumping unit. Unseat pump. Flush rods w/ 50 bbls 250° water. Softseat pump. Pressure test tbg. to 3000 psi. Unseat pump. POOH w/ rods, laying down 120- 3/4" slick rods. X-over for tbg. ND wellhead. Release TAC. NU BOP.

4/2/2007 Day: 2

Recompletion

Rig #59 on 4/1/2007 - POOH w/ tbg. LD BHA. RIH w/ 4 3/4" rock bit, 5 1/2" csg. scraper, PSN & 2 7/8" tbg. Tag PBDT @ 5582'. POOH w/ tbg. LD BHA. SWIFN.

4/3/2007 Day: 3

Recompletion

Rig #59 on 4/2/2007 - RIH w/ 5 1/2" HD pkr., PSN & 152 jts 2 7/8" tbg. Set HD pkr. @ 4719' w/ EOT @ 4723'. Open bypass & spot 1 drum (55 gals) of diesel & 2 drums (110 gals) of 15% hcl acid to EOT. Reverse circulate diesel & acid out of tbg. Spot 8 drums (336 gals) 15% hcl acid to EOT. Shut bypass on pkr. Acidize A.5 sds as shown below. RU swab. Swabbed tbg. dry in 4 runs. Recovered 28 bbls water. RD swab. Release HD pkr. POOH w/ tbg. LD HD pkr. ND Schafer BOP & 3m production head. NU 5m frac head & Cameron BOP. RU wireline truck. Set 5 1/2" solid CBP @ 4730'. RU pump to csg. Pressure test csg. & BOP to 4000 psi. Bleed off pressure. RIH & perf. B2 sds @ 4636-4646' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 40 shots. RD perforators. SWIFN.

4/4/2007 Day: 4

Recompletion

Rig #59 on 4/3/2007 - RU BJ Services. 73 psi on well. Frac B2 sds w/ 26,557#'s of 20/40 sand in 313 bbls of Lightning 17 fluid. Broke @ 2830 psi. Treated w/ ave pressure of 1980 psi @ ave rate of 22.6 BPM. Pumped 504 gals of 15% HCL w/ additives in flush for Stage #2. ISIP 1920 psi. Leave pressure on well. 313 BWTR. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 7' perf gun. Set plug @ 4400'. Perforate D1 sds @ 4347-4354' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 28 shots. RU BJ Services. 1650 psi on well. Pressure to 4200 psi. Perfs would not break. RU Lone Wolf WL & dump bail acid. RU BJ Services. Pressure to 4200 psi. Perfs would not break. Bleed pressure to 2000 psi. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 10' perf gun. Set plug @ 4300'. Perforate DS1 sds @ 4347-4354' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 40 shots. RU BJ Services. 1413 psi on well. Frac DS1 sds w/ 21,211#'s of 20/40 sand in 259 bbls of Lightning 17 fluid. Broke @ 3539 psi. Treated w/ ave pressure of 1787 psi @ ave rate of 19.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 1875 psi. Leave pressure on well. 259 BWTR. Stage #4: GB6 sds @ 3906-3912'. RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through plug & 6' perf gun. Set plug @ 4000'. Perforate GB6 sds @ 3906-3912' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 SPF for total of 24 shots. RU BJ Services. 1305 psi on well. Pressure to 4200 psi. Perfs would not break. RU Lone Wolf WLT. Dump bail acid. RU BJ Services. 1120 psi on well. Frac GB6 sds w/ 17,983#'s of 20/40 sand in 287 bbls of Lightning 17 fluid. Broke @ 2396 psi. Treated w/ ave pressure of 2127 psi @ ave rate of 25.8 BPM. ISIP 1975 psi.

Open well to flat tank for immediate flowback. Well flowed for 1 1/2 hours & died.
Recovered 100 bbls.

4/5/2007 Day: 5

Recompletion

Rig #59 on 4/4/2007 - Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schafer BOP. RIH w/ 4 3/4" chomp bit, bit sub & 2 7/8" tbg. Tag @ 3600'. RU powerswivel. C/O to CBP @ 4000'. DU CBP in 55 min. Cont. RIH w/ tbg. Tag @ 4250'. C/O to CBP @ 4300'. DU CBP in 45 min. Cont. RIH w/ tbg. Tag @ 4400'. DU CBP in 50 min. Cont. RIH w/ tbg. Tag @ 4650'. C/O to CBP @ 4730'. DU CBP in 65 min. Cont. RIH w/ tbg. Tag @ 5580'. RD powerswivel. Lay down 1 jt tbg. SWIFN.

4/9/2007 Day: 6

Recompletion

Rig #59 on 4/5/2007 - Bleed off well. RU swab equipment. Made 28 runs, Rec. 180 BTF. FFL @ 3100', Final oil cut 15%. RD swab equipment. RIH w/ 2-jts of tbg, No new fill. LD 25-jts of workstring. TOH w/ tbg. LD bit. SWIFN w/ 854 BWTR.

4/10/2007 Day: 7

Recompletion

Rig #59 on 4/9/2007 - PU & RIH w/ production tbg as follows: NC, 2-jts, SN, 1-jt, TA, 155 jts 2 7/8" J-55 tbg. ND BOP. Set TA w/ 15,000# of tension @ 4789', SN @ 4824', EOT @ 4889'. NU 3M WH. Change over to rod equipment. RU hot oiler & pump 60 bbls of wtr down tbg @ 250°. PU & RIH w/ CDI 2 1/2" X 1 1/2" X 14' RHAC, 6- 1" guided rods, 20- 3/4" guided rods (NEW), 68- 3/4" plain rods (Top 5 NEW), 98- 3/4" guided rods (NEW), 1-8' X 3/4" pony rod, 1 1/4" X 22' polish rod. Space out rods. Fill tbg w/ 15 BW. Pressure test w/ rig to 800 psi, Good pump action. Clamp off rods. Will be changing out pumping unit. Rack out pump & lines. Hot oiler heated flat tank, Transferred 60 bbls of oil. SIWFN. Waiting for pumping unit change out, Final report will follow.

4/11/2007 Day: 8

Recompletion

Rig #59 on 4/10/2007 - Clean out flat tank. RDMO. Waiting for pumping unit change out, Final report will follow.

Pertinent Files: Go to File List