

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

Lease Designation and Serial No.

Federal #U-67845

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
DRILL DEEPEN PLUG BACK

2. Type of Well
Oil Well Gas Well Other
Single Zone Multiple Zone

Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

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

Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface NW SE Sec. 25, T8S, R17E ~~2096.9'~~ FSL, 2067' FEL
At proposed prod. zone ~~2096'~~

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.
#33-25

10. Field and Pool, or Wildcat
Undesignated/Green River

11. 00, Sec., T., R., N., or S14.
and Survey or Area
NW SE Sec. 25 T8S, R17E

1. Distance in miles and direction from nearest town or post office*
Approximately 10 miles southeast of Myton, Utah

12. County or Parrish
Uintah

13. State
UTAH

3. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

16. No. of acres in lease

17. No. of acres assigned to this well

3. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth
6,150'

20. Rotary or cable tools
Rotary

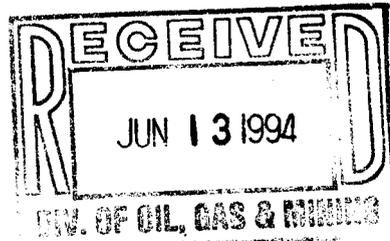
4. Elevations (Show whether DF, RT, GR, etc.)
GL 4971.5'

22. Approx. date work will start*
8/1/94

PROPOSED CASING AND CEMENTING PROGRAM

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

Operator plans to drill this well in accordance with the attached Federal 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 reventer program, if any.

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

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

Regulatory and Environmental
Title: Specialist

APPROVED BY: [Signature]
DATE: June 10, 1994

API NO. 43-047-32525

Approval Date

OF UTAH DIVISION OF
OIL, GAS, AND MINING

Approved by: _____
Conditions of approval, if any:

Title

DATE: 6/13/94
BY: [Signature]

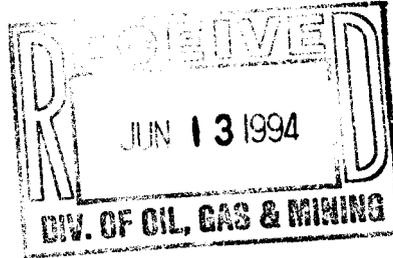
WELL SPACING: R6043-V



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

June 10, 1994

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

RE: Balcron Monument Federal #33-25
NW SE Section 25, T8S, R17E
Uintah County, Utah

Enclosed is our Application for Permit to Drill the referenced well.

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

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosure

cc: Utah Division of Oil, Gas and Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
U-67845

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.
#33-25

10. FIELD AND POOL, OR WILDCAT
Undesignated/Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 25T8S, R17E

12. COUNTY OR PARISH
Uintah

13. STATE
UTAH

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*
8/1/94

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
NW SE Section 25, T8S, R17E ~~2096.9'~~ FSL, 2067' FEL
At proposed prod. zone
2091'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 10 miles southeast of Myton, Utah

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH
6,150'

20. ROTARY OR CABLE TOOLS
Rotary

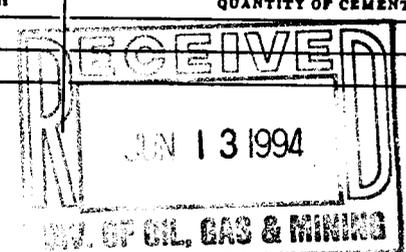
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 4971.5'

22. APPROX. DATE WORK WILL START*
8/1/94

PROPOSED CASING AND CEMENTING PROGRAM

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

See attached for listing of exhibits.



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

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

24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE June 10, 1994

(This space for Federal or State office use)

PERMIT NO. 43-047-32525 APPROVAL DATE June 10, 1994

APPROVED BY [Signature] TITLE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

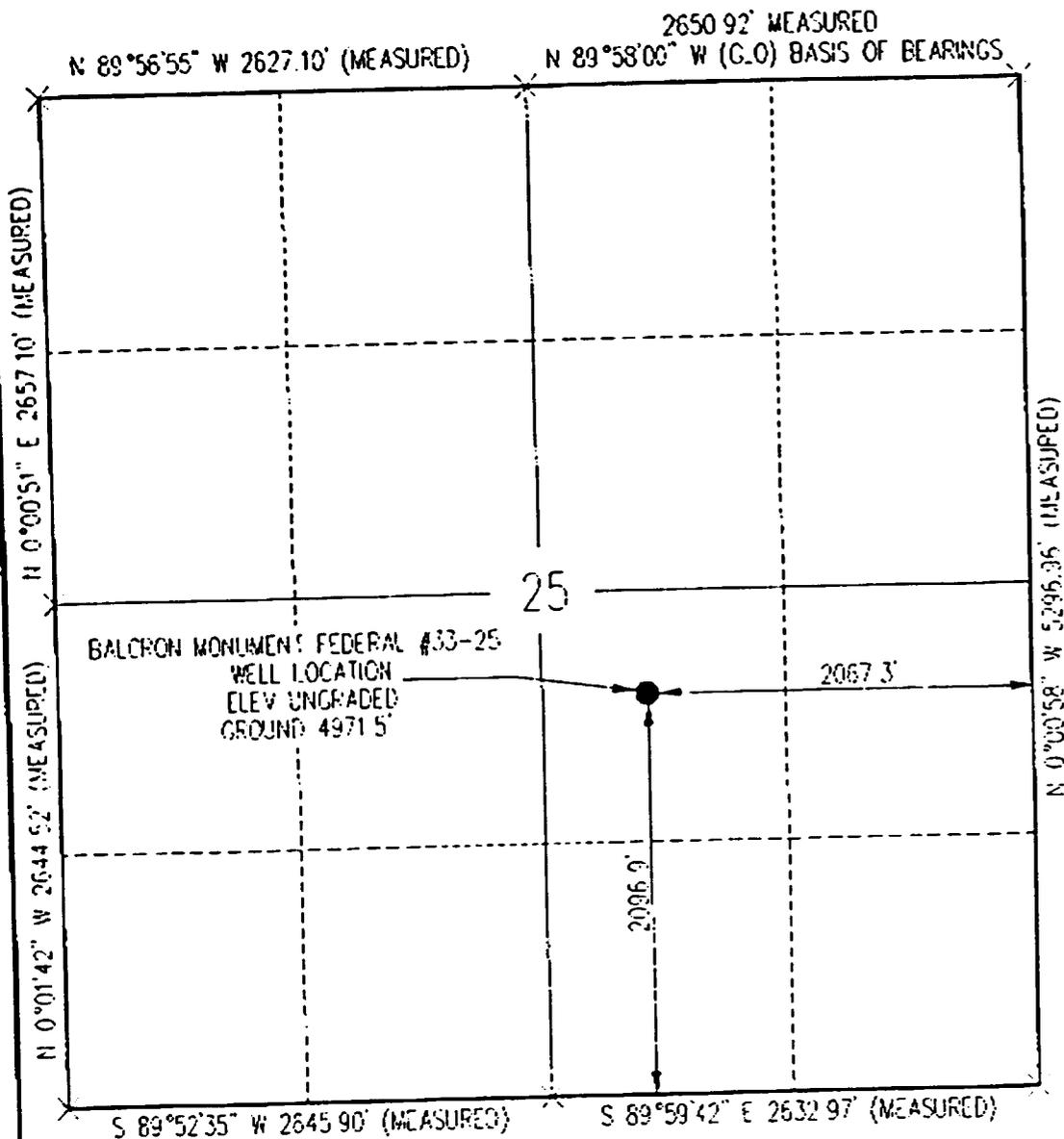
WELL SPACING [Signature]

*See Instructions On Reverse Side

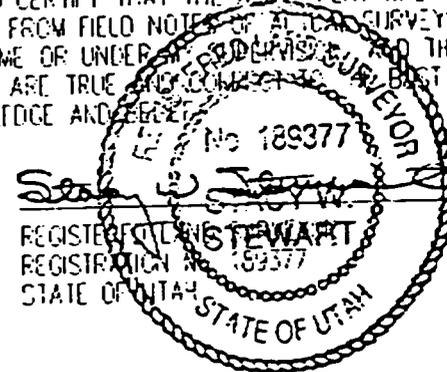
T8S, R17E, S.L.B. & M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION: BALCRON MONUMENT FEDERAL #33-25, LOCATED AS SHOWN IN THE NW 1/4 SE 1/4 OF SECTION 25, T8S, R17E, S.L.B. & M, UTAH COUNTY, UTAH



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



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

WEATHER: SUNNY & HOT
 DATE: 5/25/94
 SCALE: 1" = 1000'
 SURVEYED BY: SS OS
 FILE: WF#33-25



CONFIDENTIAL

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

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

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #33-25
NW SE Section 25, T8S, R17E
Uintah County, Utah

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

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

4. PROPOSED CASING AND CEMENTING PROGRAM:

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

Drilling Program/Casing Design (EXHIBIT "D")

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

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

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

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

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
BALCRON MONUMENT FEDERAL #33-25
NW SE SECTION 25, T8S, R17E
UINTAH 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 and 200' & 250' East.
- B. The Monument Federal #23-25 is located 10 miles Southeast of Myton Utah in the NE1/4 SW1/4 Section 25, T8S, R17E, SLB&M, Uintah County, Utah. To reach the 23-25, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 10.7 miles to a road intersection, turn Left and continue 3.7 miles to road intersection. Turn left and proceed 0.7 miles to proposed access road sign. Follow flags 0.3 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"

Approximately 0.3 mile of new road construction will be required for access to the proposed well location.

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

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

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

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

Upgrading shall not be allowed during muddy conditions.

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

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

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

J. The proposed access road has been centerline flagged.

K. If a right-of-way is required please consider this APD the application for said right-of-way.

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

Please Refer to Map "C"

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

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

A. Existing

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

B. New Facilities Contemplated

- 1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
- 2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout is included in this APD.
- 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 or from a spring owned by Joe Shields of Myton Utah. Source will be determined by sundry notice closer to the beginning of drilling operations.

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 one hundred twenty (120) days after termination of drilling and completion activities.

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

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit will be lined

with a 12 mil plastic reinforced liner, this liner will be installed over enough bedding material (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.

- 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 Onshore Order #7, 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. The reserve pit will be on the Southwest side of location. The flare pit will be located downwind of the prevailing wind direction on the South near corner #4. Access will be from the North near corner #6.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There may be as many as three (3) trailers on location during drilling operation.
- C. A completion rig will be moved onto location for completion operations after drilling operations have been completed and the drilling rig has been moved off location.
- D. A diagram showing the proposed production facility layout is included in this APD.
- E. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid.

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.

- F. 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.

- G. Any hydrocarbons on the pit will be removed from the pit as soon as possible after completion 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. The plastic pit liner 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 disked 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, 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 15 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 seed mixture stipulated by the B.L.M.

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 15 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other

disturbed areas will be restored to near their original condition. This procedure will include:

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

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

11. Surface Ownership:

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

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

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

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest 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.
 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 5. A silt catchment dam will be constructed Northeast of location where flagged.

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.

June 10, 1994

Date

Bobbie Schuman

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

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Monument Fed. #33-25
Project ID:	Location: Uintah County, Utah

Design Parameters:

Mud weight (9.63 ppg) : 0.500 psi/ft
 Shut in surface pressure : 2460 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

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

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	6,150	5-1/2"	15.50	K-55	ST&C	6,150	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	3075	4040	1.314	3075	4810	1.56	95.33	222	2.33 J

Prepared by : McCoskery, Billings, MT
 Date : 06-10-1994
 Remarks :

Minimum segment length for the 6,150 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.500 psi/ft and
 3,075 psi, respectively.

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

EXHIBIT E

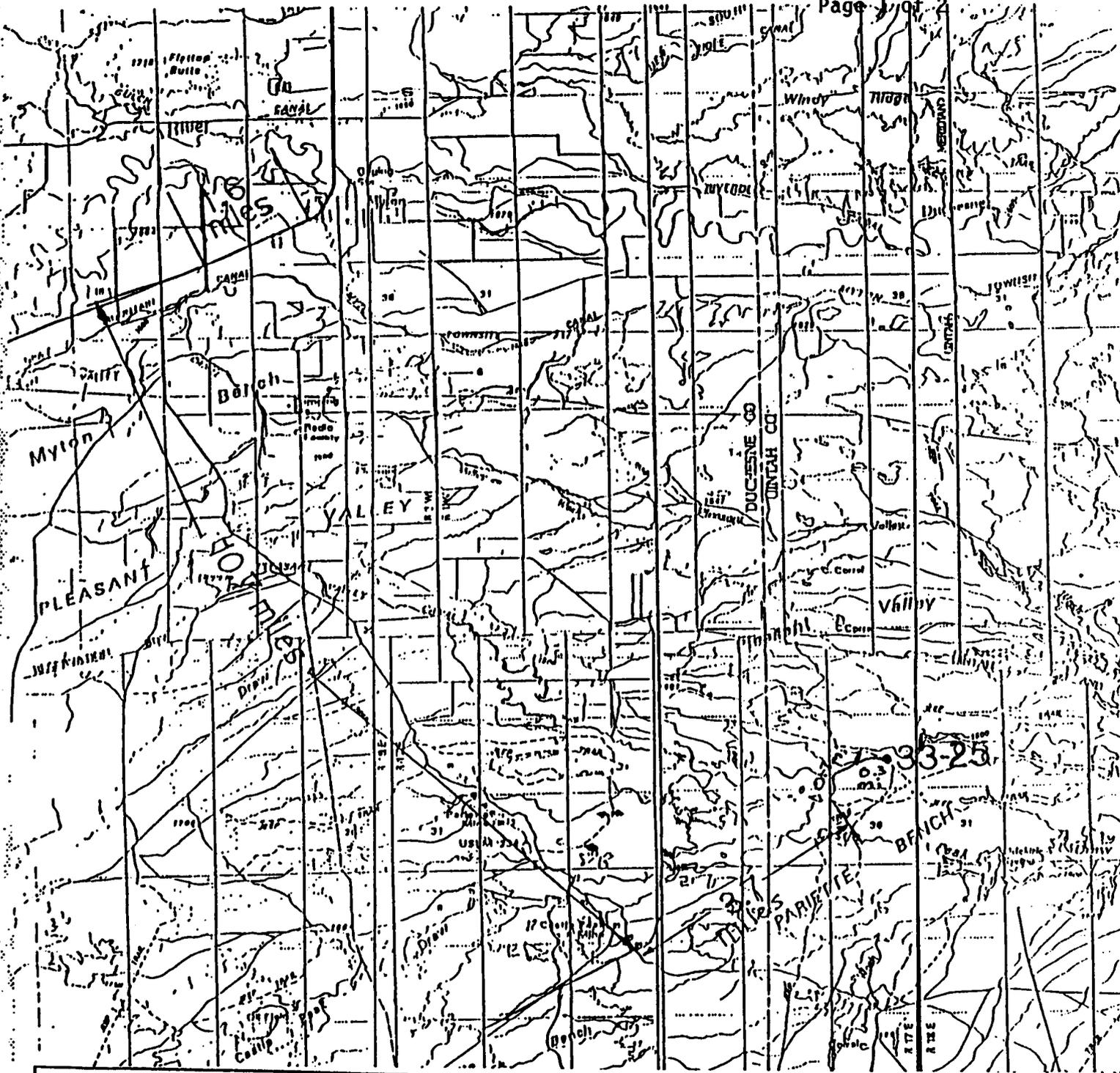
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

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

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

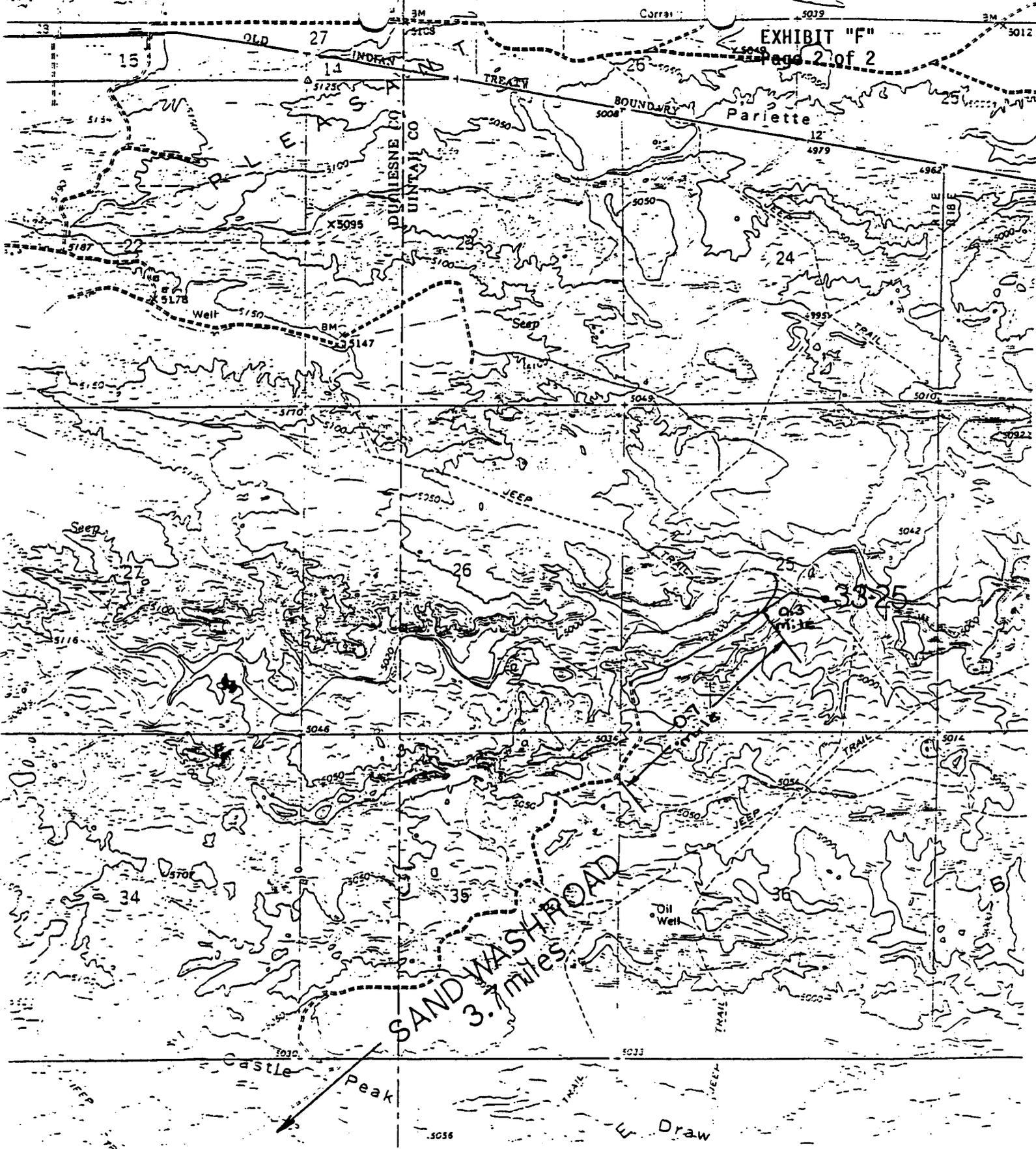
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

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



EQUITABLE RESOURCES ENERGY CO.
MONUMENT FEDERAL #33-25
MAP "A"

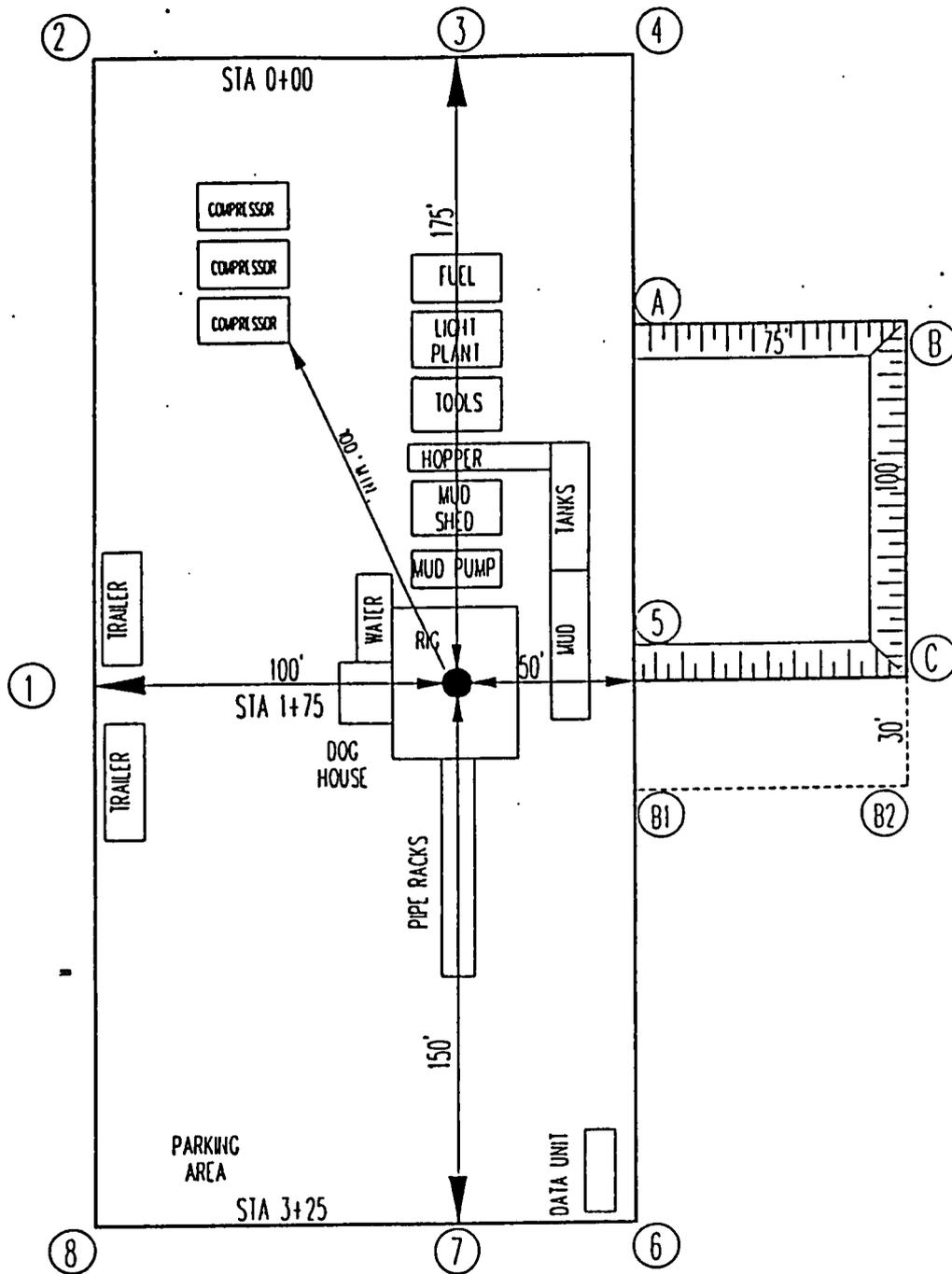




EQUITABLE RESOURCES ENERGY CO.
MONUMENT FEDERAL #53-25
MAP "E"



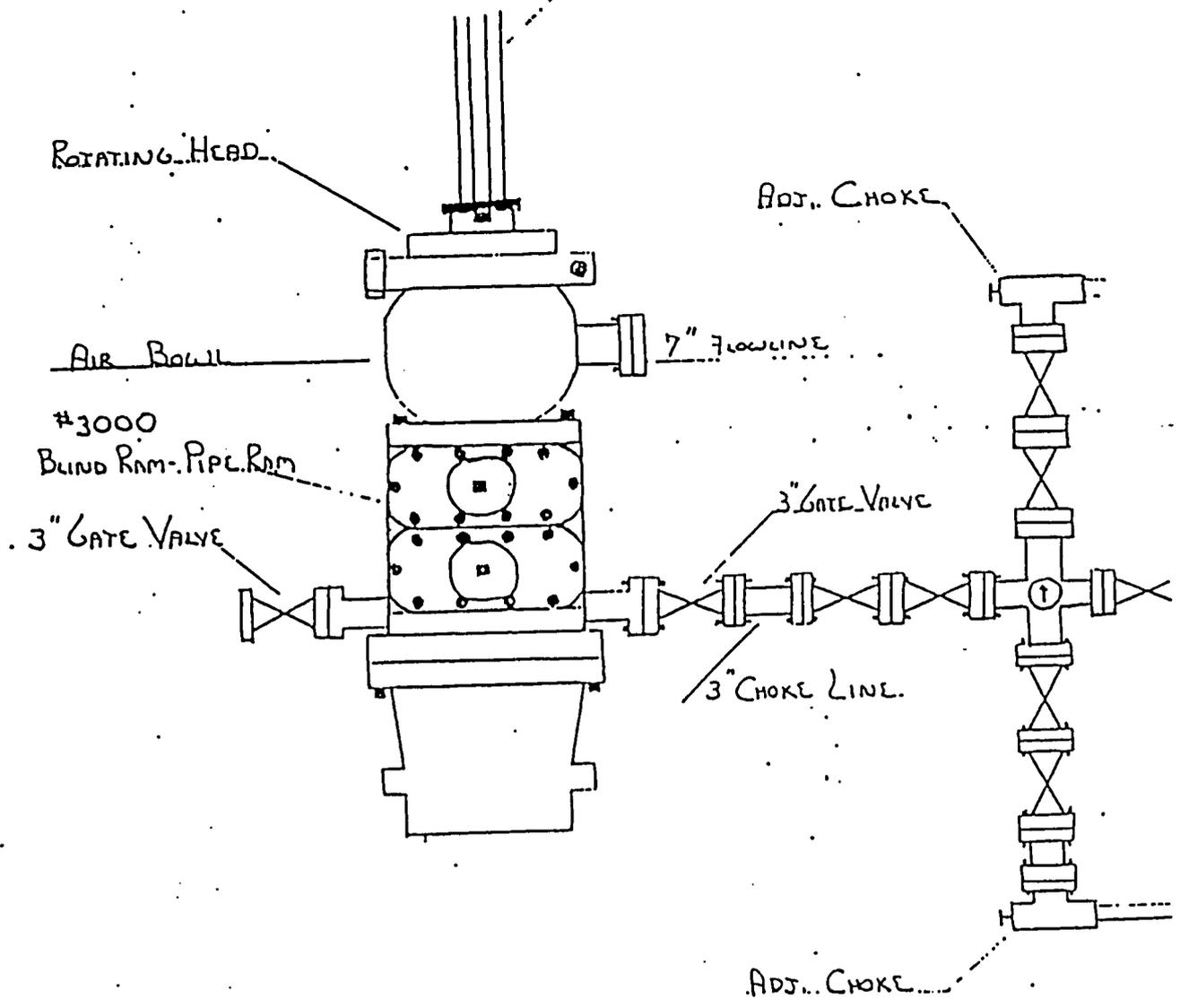
EQUITABLE RESOURCES ENERGY CO. WELLSITE LAYOUT



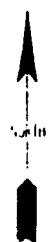
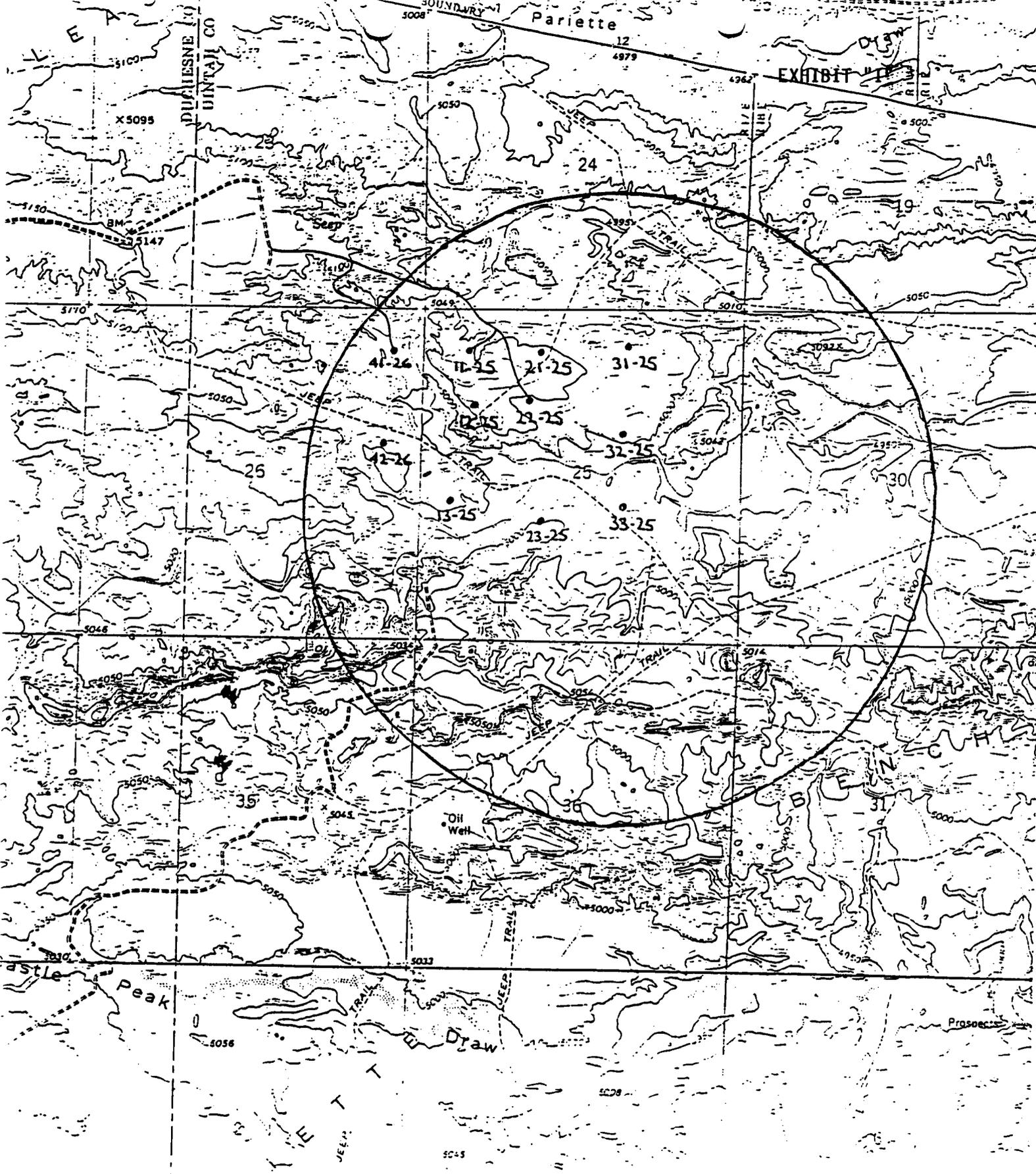
UNION DRILLING RIG #17

Hex Kelly

EXHIBIT "H"



#3000 - STACK



EQUITABLE RESOURCES ENERGY CO.
 MONUMENT FEDERAL #33-25
 MAP "A"



Equitable Resources Energy Company
 Balcron Monument Federal 33-25
 Proposed Production Facility Diagram

EXHIBIT "J"

Balcron Monument Federal 33-25
 NW SE Sec. 25, T8S, R17E
 Uintah County, Utah
 Federal Lease #U-67845
 2097' FSL, 2067' FEL

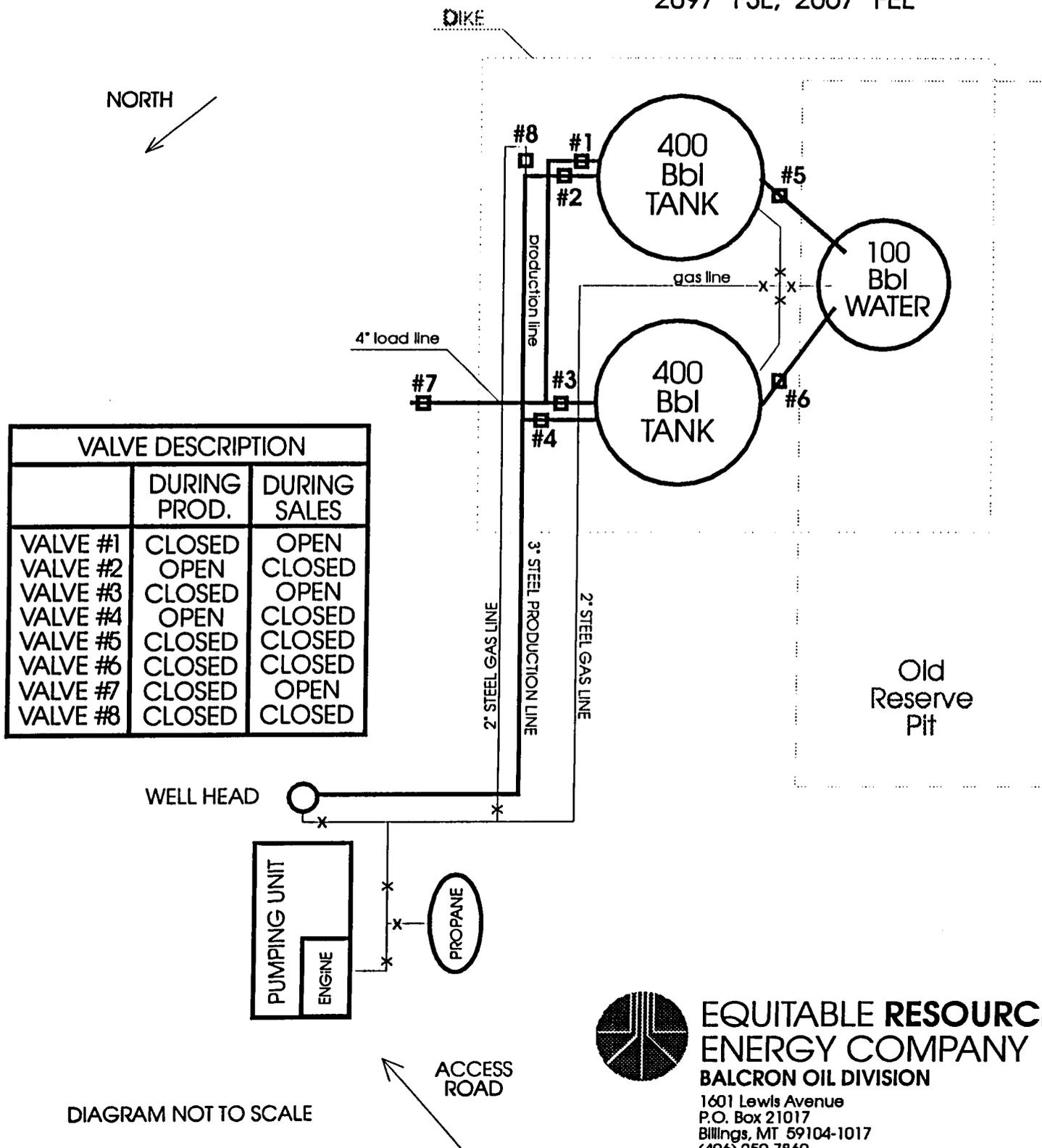
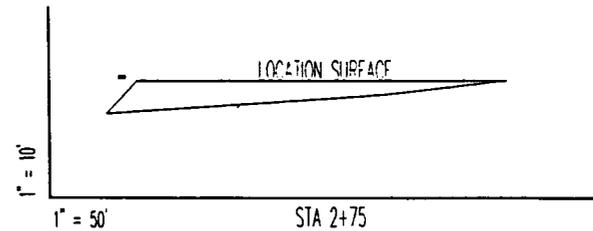
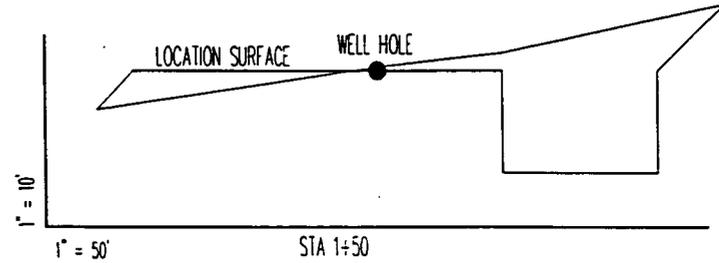
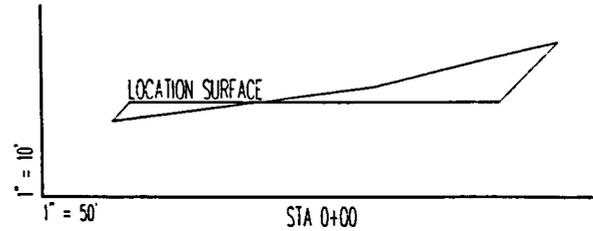
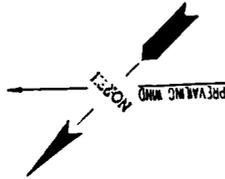
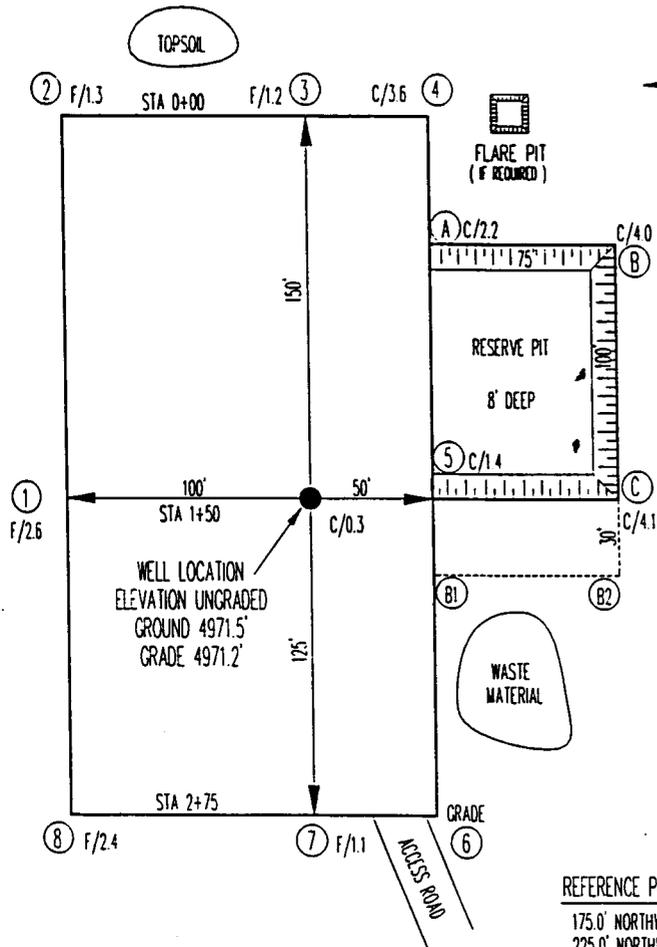


DIAGRAM NOT TO SCALE



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

EQUITABLE RESOURCES ENERGY CO.
BALCORN MONUMENT FEDERAL #33-25



REFERENCE POINTS

- 175.0' NORTHWEST 4967.1'
- 225.0' NORTHWEST 4965.6'
- 150.0' NORTHEAST 4968.9'
- 200.0' NORTHEAST 4968.1'

APPROXIMATE YARDAGE

- CUT = 1401 Cu Yds
- FILL = 1248 Cu Yds
- PIT = 2222.0' Cu Yds

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

FILENAME MF#33-25

EXHIBIT "L"

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/13/94

API NO. ASSIGNED: 43-047-32525

WELL NAME: BALCRON MONUMENT FEDERAL 33-25
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
NWSE 25 - T08S - R17E
SURFACE: 2097-FSL-2067-FEL
BOTTOM: 2097-FSL-2067-FEL
UINTAH COUNTY
UNDESIGNATED FIELD (002)

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

LEASE TYPE: FED
LEASE NUMBER: U-67845

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal State Fee
(Number 5547188)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
(Number 3rd PARTY WELL)
- RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

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

COMMENTS: WATER WILL BE PURCHASED FROM DWEN ANDERSEN

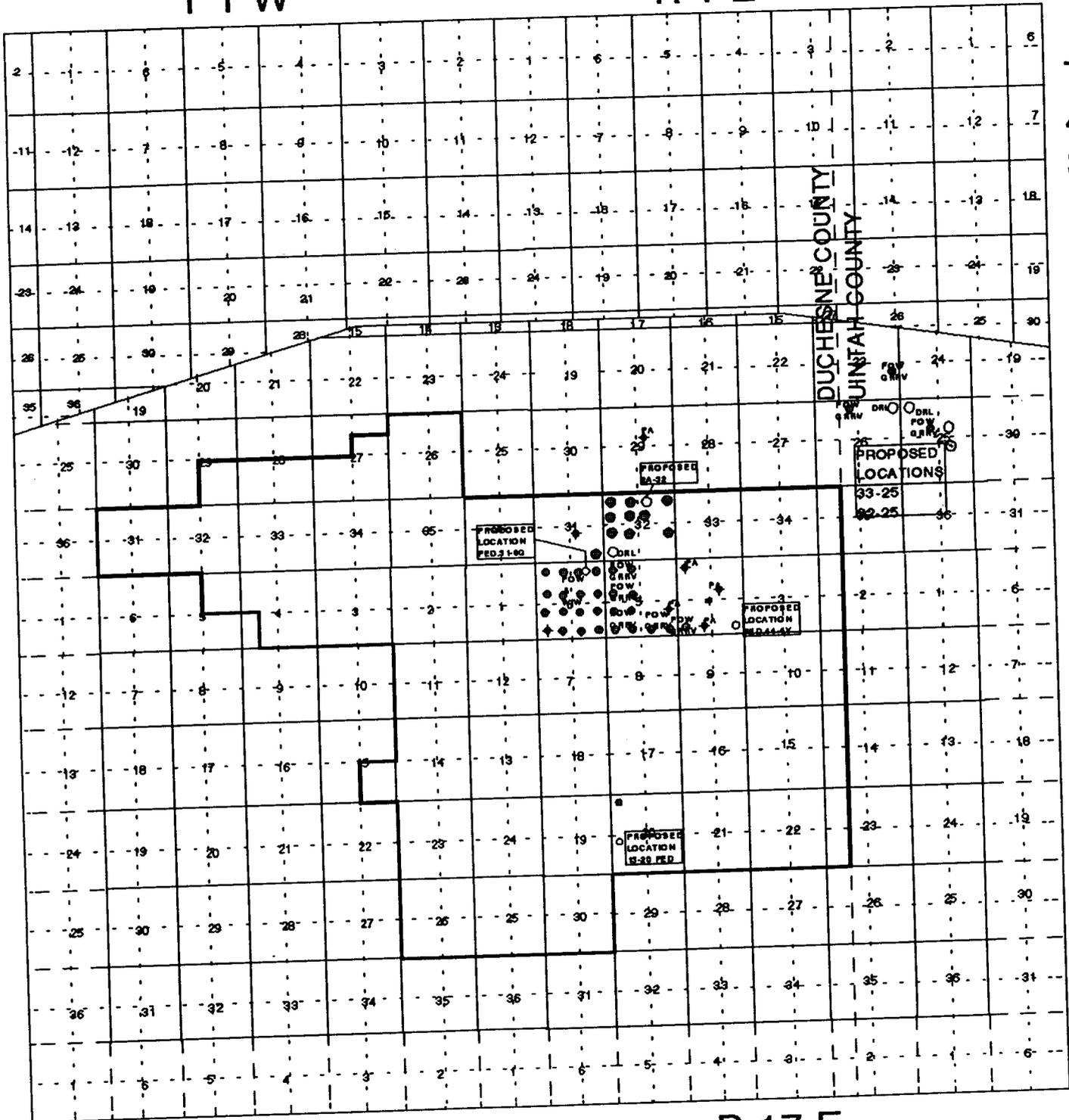
STIPULATIONS: _____

CONFIDENTIAL
PERIOD
EXPIRED
ON 3-13-96

MONUMENT BUTTE

T 1 W

R 1 E



T 4 S

T 8 S

T 9 S

R 16 E

R 17 E

DUCHESNE COUNTY
FIELD 105 ACTIVE

UTAH DIVISION OF OIL, GAS AND MINING EQUIPMENT INVENTORY

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

Well Name: Balchou Monument Fed. 33-25 API Number: 43-047-32525

Section: 25 Township: 8S Range: 17E County: Utah Field: Undesignated

Well Status: POW Well Type: Oil: Gas: _____

PRODUCTION LEASE EQUIPMENT: CENTRAL BATTERY: _____

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

PUMPS: _____ Triplex _____ Chemical Centrifugal

LIFT METHOD: Pumpjack _____ Hydraulic _____ Submersible _____ Flowing

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

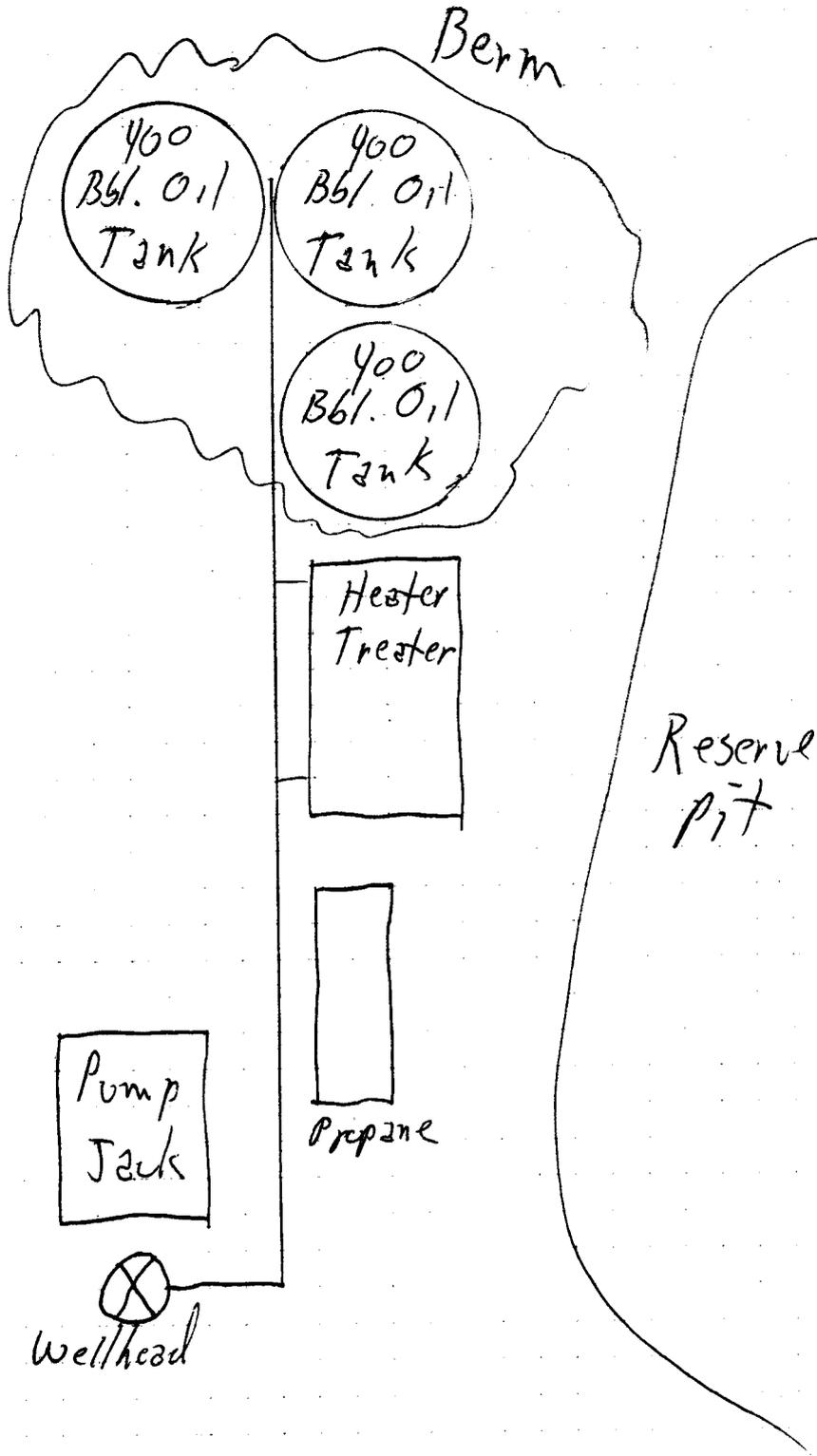
TANKS:	NUMBER	DESCRIPTION	SIZE	UNIT
	<u>3</u>	Oil Storage Tank(s)	<u>400</u>	BELS
	_____	Water Tank(s)	_____	BELS
	_____	Power Water Tank	_____	BELS
	_____	Condensate Tank(s)	_____	BELS
	<u>1</u>	Propane Tank	_____	_____

REMARKS: Oil tanks have burners. Excess casinghead gas vents to reserve pit.

Location central battery: Qtr/Ctr: _____ Section: _____ Township: _____ Range: _____
 Inspector: David W. Hufford Date: 5/22/95

Top Soil

Berm



North

Reserve Pit

Wellhead

Pump Jack

Propane

Heater Treater

400 Bbl. Oil Tank

400 Bbl. Oil Tank

400 Bbl. Oil Tank

Access



**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

June 14, 1994

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

RE: Balcron Monument Federal #33-25
NW SE Section 25, T8S, R17E
Uintah County, Utah

Attached is our sundry notice submitting a corrected survey plat for the referenced well. An incorrect footage was shown on the plat submitted with the APD.

Sincerely,

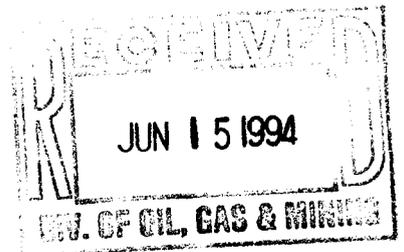
Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Attachment

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

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

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

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

NW SE Section 25, T8S, R17E.

^{2091'}
^{2096.9'} FSL, 2067' FEL

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Monument Fed. #33-25

9. API Well No.

10. Field and Pool, or Exploratory Area

Undesignated/Green River

11. County or Parish, State

Utah County, UTAH

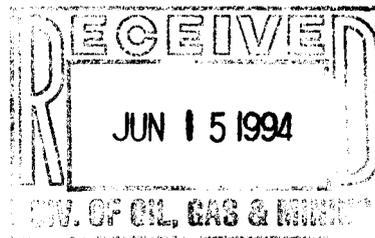
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>corrected survey plat</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 is sent to submit a corrected survey plat for this well. Please consider this a replacement of the plat submitted with the APD.



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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date June 14, 1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:



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

July 11, 1994

CONFIDENTIAL

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

BALCRON MONUMENT FEDERAL 33-25
Sec 25 T8S R17E
43-047-32525

Gentlemen:

Enclosed are paleontological reports for the proposed wells on the enclosed list. Please consider these as a supplement to the Applications for Permit to Drill which have been submitted.

The archeological surveys have been completed and the reports will be submitted as soon as they are received.

Sincerely,

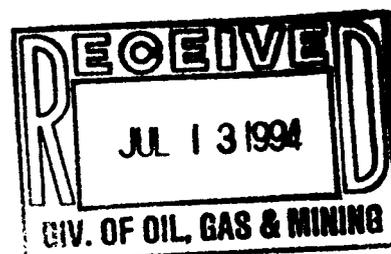
Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosure

cc: Utah Division of Oil, Gas and Mining



Balcron Monument Federal #12-25
SW NW Section 25, T8S, R17E
1486' FNL, 875.7' FWL
Uintah County, Utah
Field: Undesignated
FLS #U-67845
PTD: 6,250'
GL 5062.1'

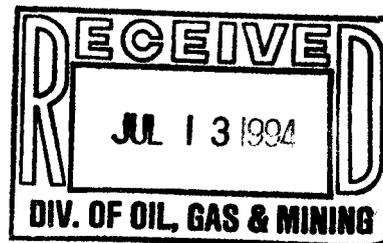
Balcron Monument Federal #13-25
NW SW Section 25, T8S, R17E
2253.6' FSL, 483.9' FWL
Uintah County, Utah
Field: Undesignated
FLS #U-67845
PTD: 6,200'
GL 4977.9'

Balcron Monument Federal #21-25
NE NW Section 25, T8S, R17E
747.6' FNL, 1963.6' FWL
Uintah County, Utah
Field: Undesignated
FLS #U-67845
PTD: 6,300'
GL 5060.4'

Balcron Monument Federal #23-25
NE SW Section 25, T8S, R17E
1926.8' FSL, 2138.6' FWL
Uintah County, Utah
Field: Undesignated
FLS #U-67845
PTD: 6,200'
GL 4991.9'

Balcron Monument Federal #31-25
NW NE Section 25, T8S, R17E
660' FNL, 1980' FEL
Uintah County, Utah
Field: Undesignated
FLS #U-67845
PTD: 6,300'
GL 5020.3'

Balcron Monument Federal #32-25
SW NE Section 25, T8S, R17E
1980' FNL, 1980' FEL
Uintah County, Utah
Field: Undesignated
FLS #U-67845
PTD: 6,250'
GL 5013.8'



Balcron Monument Federal #33-25
NW SE Section 25, T8S, R17E
2096.9' FSL, 2067.3' FEL
Uintah County, Utah
Field: Undesignated
FLS #U-67845
PTD: 6,150'
GL 4971.5'

Balcron Monument Federal #42-26
SE NE Section 26, T8S, R17E
2100' FNL, 660' FEL
Uintah County, Utah
Field: Undesignated
FLS #U-67845
PTD: 6,250'
GL 5036.7'

Balcron Monument Federal #41-26
NE NE Section 26, T8S, R17E
Uintah County, Utah
1051.4' FNL, 581.9' FEL
FLS #U-67845
PTD: 6,400'
GL 5,019.6'
FOOTAGES AND GL CHANGED PER BLM 6/6/94.

BALCRON OIL

**Balcron Monument Federal #33-25
NW SE Section 25, T8S, R17E, SLB&M
Uintah County, Utah**

**PALEONTOLOGY REPORT
WELLPAD LOCATION AND ACCESS ROAD**

BY

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

JUNE 30, 1994

RESULTS OF PALEONTOLOGY SURVEY AT BALCRON MONUMENT BUTTE FEDERAL #33-25
NW, SE Section 25, T8S, R17E, SLB&M, Uintah County, Utah.

Description of Geology and Topography-

This well is located 7 miles south and 5.5 miles east of Myton, Utah. It sits on a somewhat flat area with a gentle slope to the northeast. The wellpad area has a ground cover of sand and angular rock fragments. The access road runs east from well #23-25. It begins on the same type of ground cover and drops over the east end of a sandy hill, crosses a gully before reaching the well location. The bottom of the gully has an outcrop of brown sandy limestone. Brown limestone also outcrops southeast of the well location.

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

Paleontological material found -

No vertebrate fossils were found on the wellpad location or access road.

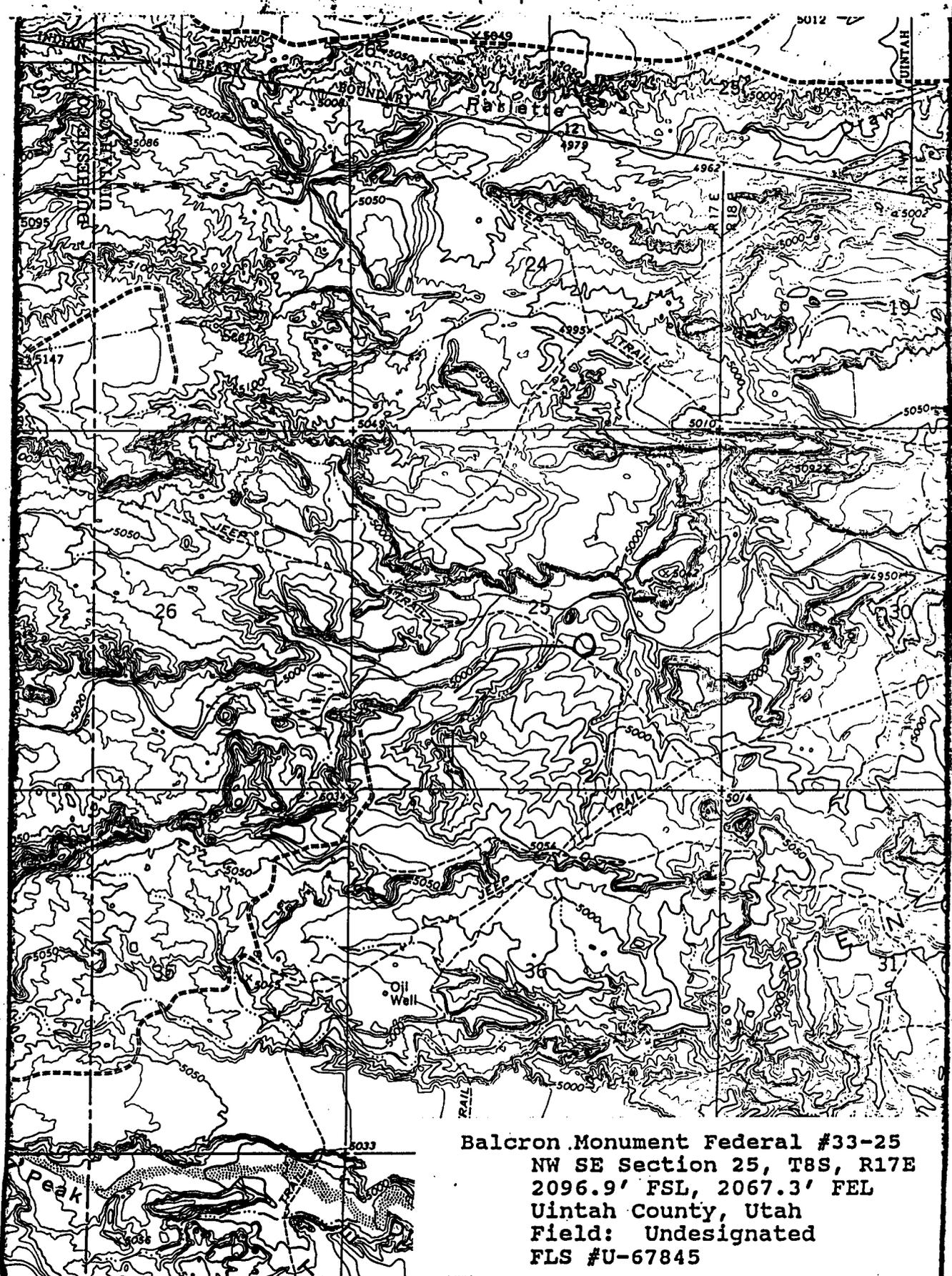
Recommendations-

No other recommendations are made for this location.

Alden H. Hamilton

Date

July 1, 1994



Balcron Monument Federal #33-25
NW SE Section 25, T8S, R17E
2096.9' FSL, 2067.3' FEL
Uintah County, Utah
Field: Undesignated
FLS #U-67845



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

July 14, 1994

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

Gentlemen:

Recently I submitted archeological reports on the following wells:

Balcron Monument Federal #33-25
NW SE Section 25, T8S, R17E
Uintah County, Utah

43-047-32525

Balcron Monument Federal #23-25
NE SW Section 25, T8S, R17E
Uintah County, Utah

43-047-32529

The report recommended avoidance of Site 42Un 1881. However, further review of the report and discussions with the archeologist show that an incorrect access road was surveyed. Access to these two wells does not cross that Site.

The correct access route will be cleared and a report submitted as soon as it is complete.

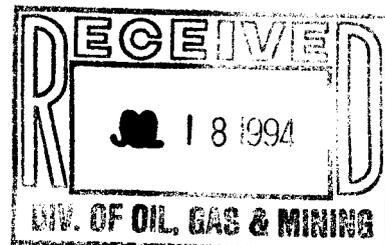
Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

cc: Utah Division of Oil, Gas and Mining





ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

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

July 22, 1994

FEDERAL
33-25

Subject: Addendum to CULTURAL RESOURCE EVALUATION OF
EIGHT PROPOSED WELLS IN THE PLEASANT VALLEY
LOCALITY OF UINTAH COUNTY UTAH

Project: Balcron Oil Division - 1994 Development

Project No.: BLCR-94-5

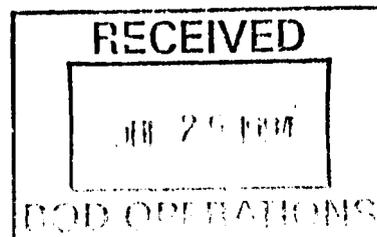
Permit No.: Dept. of Interior Permit No.: UT-94-54937

**Utah State
Project No:** UT-94-AF-331b

To: Ms. Bobbie Schuman, Balcron Oil Division, 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



ADDENDUM TO: BLCR-94-3

On July 22, 1994, AERC archaeologists Glade Hadden and F. Richard Hauck returned to the Pleasant Valley locality to conduct an evaluation for Balcron Oil Division. Pursuant to report BLCR-94-3 (AERC project 1436, State Project No.: UT-94-AF-331b) cultural resource evaluation of an access route was required prior to the development of Balcron wells 23-25, 33-25, 13-25, 41-26 and 42-26. Evaluation of a re-route from the original was deemed necessary to avoid cultural site 42Un 1881. In addition to these access routes, subsurface testing of Site 42Un 2150 was accomplished in order to determine the potential significance of the site.

This project is situated in the Pleasant Valley locality of Uintah County, Utah. The entire project area is situated on federal lands administered by the Bureau of Land Management, Vernal District Office, Diamond Mountain Resource Area.

Intensive evaluations consisted of the archaeologists walking a pair of 10 to 15 meter wide transects on each side of the proposed access route right of way. Thus, a 15 meter-wide or 50 foot-wide corridor (6.06 acres) was examined for the total ca. one mile (5280 foot) length of proposed access roads.

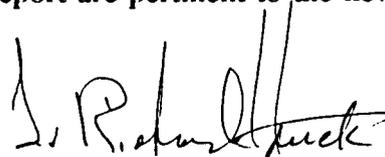
Subsurface testing of site 42Un 2150 was accomplished by placing two 15 x 20 cm trowel tests in the lithic scatter area within the proposed well 41-26 access road right of way.

No cultural resource loci or isolated artifacts of either historic or prehistoric affiliation were observed within the access route re-location.

AERC recommends that Site 42Un 1881 be avoided by utilizing the alternative road corridor evaluated to the north of the site as shown on the attached map.

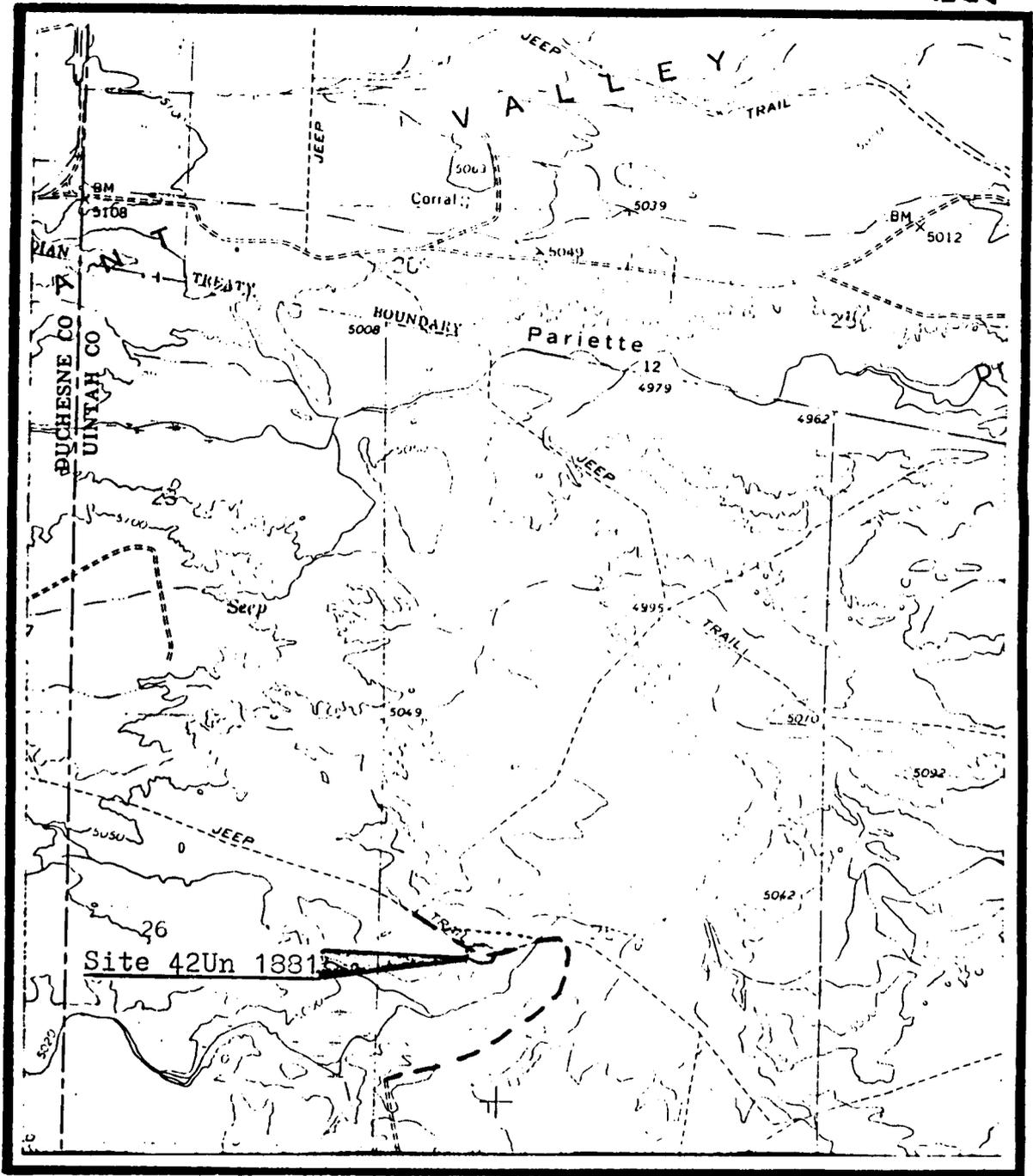
Trowel testing of Site 42Un 2150 revealed no subsurface artifacts or cultural strata. Bedrock and saprolite were encountered at ca. 10 to 15 cm. in both trowel test units. AERC recommends that Site 42Un 2150 be classified as not eligible for inclusion in the National Register. No further testing or excavation is recommended.

All recommendations defined within the original report are pertinent to the new access route.



F. Richard Hauck, Ph.D.
Principal Investigator

AERC



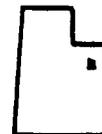
T. 08 So.
 R. 17 E.
 Meridian: SLBM
 Quad: Pariette
 Draw SW, Utah

MAP
 Cultural Resource Survey of
 Proposed Balcron Access Road
 and Alternative Route in the
 Pleasant Valley Locality

Legend:
 Proposed Route
 Alternative Route
 Cultural Site



Project: Scale: 1:24,000
Series: BLCR-94-5
 Uinta Basin
Date: 7/22/94





**EQUITABLE RESOURCES
ENERGY COMPANY**

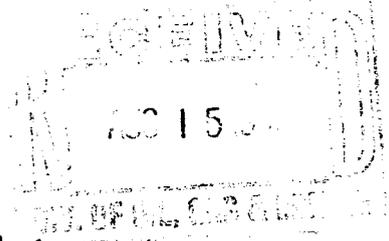
BALCRON OIL DIVISION

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

CONFIDENTIAL

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

August 11, 1994



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

*BALCRON Monument Fed 33-25
Sec 25 T8S R17E
42-047-32525*

Gentlemen:

Enclosed is a sundry notice reporting an intended change in the cement program for the production casing (long-string) on the wells on the enclosed list. The wells have been broken down by three categories:

- wells on which we have approved APDs but have not yet drilled
- wells on which we do not yet have approved APDS but APDs have been submitted
- wells on which we have approved State APDs but not yet approved Federal APDs

Please consider this change in cement program as a part of our APDs.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining
Al Plunkett

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	3. Lease Designation and Serial No. See attached listing
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017; Billings, MT 59104 (406) 259-7860	7. If Unit or CA, Agreement Designation See attached listing
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See attached listing	8. Well Name and No. See attached listing
	9. API Well No. See attached listing
	10. Field and Pool, or Exploratory Area See attached listing*
	11. County or Parish, State See attached listing

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>change in cement program</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

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.)*

*Formation (pool): Green River
Production cement program on wells on the attached listing will be changed as follows:
250 sacks Western Super "G" consisting of 47 #/sack "G", 20 #/sack Poz A, 17 #/sack CSE, 3% salt, 2% gel and 2 #/sack Hi-seal 2. (Yield = 2.76 Cu.Ft./Sk, Weight = 11.08 PPG). Tailed with 300 sacks 50-50 Poz with 2% Gel, 1/4 #/sack Cello-seal and 2 #/sack Hi-seal. (Yield = 1.24 Cu.Ft./Sk, Weight = 14.30 PPG).

- a.) Actual cement volumes will be determined using caliper log.
- b.) Cement top will be at approximate depth as specified in the Conditions of Approval in the Application for Permit to Drill.

The cement program is being changed to improve cement bond quality and improve compressive strength in the lead slurry.

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 8-10-94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: _____

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

Do not yet have approved APDs (but they have been submitted)
(continued)

Balcron Monument Federal #32-25
 SW NE Section 25, T8S, R17E
 1980' FNL, 1980' FEL
 Uintah County, Utah
 Field: Undesignated
 FLS #U-67845

43-047-32524

Balcron Monument Federal #33-25
 NW SE Section 25, T8S, R17E
 2096.9' FSL, 2067.3' FEL
 Uintah County, Utah
 Field: Undesignated
 FLS #U-67845

43-047-32525

Balcron Monument Federal #42-26
 SE NE Section 26, T8S, R17E
 2100' FNL, 660' FEL
 Uintah County, Utah
 Field: Undesignated
 FLS #U-67845

43-047-32531

Have approved State APD but not approved Federal APD

Balcron Monument Federal #41-26
 NE NE Section 26, T8S, R17E
 Uintah County, Utah
 1051.4' FNL, 581.9' FEL
 FLS #U-67845
 Undesignated Field
 API #43-047-32456

Balcron Federal #44-33Y
 SE SE Section 33, T8S, R18E
 778.4' FSL, 623.7' FEL
 Uintah County, Utah
 Eight Mile Flat North Field
 FLS #U-65969
 API #43-047-32505

8/10/94
 /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)

September 23, 1994

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

Re: Balcron Monument Federal #33-25 Well, 2097' FSL, 2067' FEL, NW SE, Sec. 25, T. 8 S., R. 17 E., Uintah County, Utah

Gentlemen:

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

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

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
2. Notification to the Division within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.



Page 2
Equitable Resources Energy Company
Balcron Monument Federal #33-25 Well
September 23, 1994

6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32525.

Sincerely,



R.J. Firth
Associate Director

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

DOGMA

Form 3160-3
(November 1983)
(formerly 9-331C)

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 6 1994

~~CONFIDENTIAL~~

APPLICATION FOR PERMIT TO DRILL, DEEPEN,

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: NW SE Section 25, T8S, R17E 2096.9' FSL, 2067.3' FEL
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 10 miles southeast of Myton, Utah

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH
 6,150'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GL 4971.5'

22. APPROX. DATE WORK WILL START*
 8/1/94

5. LEASE DESIGNATION AND SERIAL NO.
 U-67845

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

7. UNIT AGREEMENT NAME
 n/a

8. FARM OR LEASE NAME
 Balcron Monument Federa

9. WELL NO.
 #33-25

10. FIELD AND POOL, OR WILDCAT
 Undesignated/Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 25T8S, R17E

12. COUNTY OR PARISH
 Uintah

13. STATE
 UTAH

23. PROPOSED CASING AND CEMENTING PROGRAM

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

See attached for listing of exhibits.

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

RECEIVED
JUN 13 1994

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

24. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE June 10, 1994
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE SEP 26 1994
 APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

44080-4M-114

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 33-25

API Number: 43-047-32525

Lease Number: U-67845

Location: NWSE Sec. 25 T. 8S R. 17E

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

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

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the Mahogany Oil Shale, identified at \pm 3338 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 3,138 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 on-lease or off-lease will have prior written approval from the AO.

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

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

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

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

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

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

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

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

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

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

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

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

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

Methods for Handling Waste Disposal

The requested emergency pit is hereby approved under Onshore Order No. 7, subject to the following Conditions of Approval:

1. 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 as listed for the reserve pit under Point 9F 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.
2. Turn downs shall be put on the ends of pipes to direct fluids downward instead of against the wall of the pit.

Additional Surface Conditions of Approval

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

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

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

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

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MOMUMENT FEDERAL 33-25

Api No. 43-047-32525

Section 25 Township 8S Range 17E County UINTAH

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 1/12/95

Time 3:00 PM

How ROTARY

Drilling will commence _____

Reported by D. INGRAM-DOGM

Telephone # _____

Date: 1/13/95 Signed: JLT

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

5. Lease Designation and Serial No.
U-67845

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

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

8. Well Name and No.
Balcron Monument Federal #33-25

9. API Well No.
43-047-32525

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

11. County or Parish, State
Uintah County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SURFACE: NW SE Section 25, T8S, R17E
 TD: 2098.9' FSL & 2067.3' FEL

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

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

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

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

This well was spud on 1-12-95 at 3:00 p.m.

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 1-13-95

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

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

*See instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

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

OPERATOR ACCT. NO. N 9890

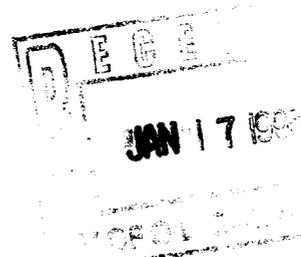
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11729	43-047-32525	Balcron Monument Federal #33-25	NW SE	25	8S	17E	Uintah	1-12-95	1-12-95
WELL 1 COMMENTS: <i>Entity added 1-19-95. See</i> Spud of a new well.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

(3/89)



Bobbie Schuman
Signature
Regulatory and
Environmental Specialist 1-13-95
Title Date
Phone No. (406) 259-7860

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #33-25

**Location: NW SE Section 25, T8S, R17E
 Uintah County, Utah**

---TIGHT HOLE---

- 1-16-95 TD: 3,312' (1,116') Day 4
 Formation: Green River
 MW 8.5 VIS 26
 Present Operation: Drilling
 Drill, survey, & clean on rig. About 2" snow. BGG - 6 to 8 unit,
 CG - 10 to 15 units.
 DC: \$14,975 CC: \$68,526

- 1-17-95 TD: 4,259' (947') Day 5
 Formation: 2nd Garden Gulch
 MW 8.5 VIS 26
 Present Operation: TOOH.
 Drill, survey, load hole w/fluid & circ. Start trip out. BGG 80-
 100 units, CG 350-400 units.
 DC: \$13,298 CC: \$81,824

- 1-18-95 TD: 4,800' (541') Day 6
 Formation: Yellow Zone
 MW 8.5 VIS 26
 Present Operation: Drilling
 Finish trip for bit #3. Drill survey, clean on rig & PU 1 drill
 collar. BGG 15-20 units, CG 100-120 units.
 DC: \$8,111 CC: \$89,935

WELLSITE GEOLOGIST'S REPORT

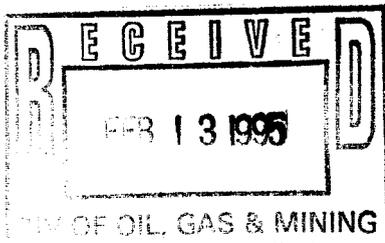
**MONUMENT BUTTE
Balcron Oil 33-25 Federal
2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
Uintah County, Utah**

DENNIS REHRIG & ASSOCIATES, INC.

Oil & Gas Consulting

4924 Rimrock Road
Billings, Montana 59106

(406) 656-4785



DENNIS C. REHRIG & ASSOCIATES, INC.

Oil & Gas Exploration

4924 RIMROCK ROAD • BILLINGS, MONTANA 59106 • (406) 656-4785

**MONUMENT BUTTE
Balcron Oil 33-25 Federal
2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
Uintah County, Utah**

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8	Bit Record
9	Time/Depth Penetration Chart
10	Drilled Well Formation Tops
11	Reference Well Formation Tops
12	Significant Gas and Sample Shows
13	Sample Descriptions
Insert	Geologic Well Log

By:

DENNIS C. REHRIG

Consulting Geologist

For:

DENNIS C. REHRIG & ASSOCIATES, INC.

**Balcron Oil 33-25 Federal
2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
Uintah County, Utah**

GENERAL REVIEW

The Balcron Oil 33-25 Federal NW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 25, T8S-R17E, Uintah County, Utah was drilled as a development-field extension well in the Monument Butte Field.

This well was supported by subsurface offset well control and drilled for identification of anticipated Douglas Creek and Wasatch Tongue oil sands and possible future water flood.

The surface hole was air drilled and surface casing was set by rotary rig No. 17 owned by Union Drilling Co. This well was spudded on January 12, 1995. A two-man mud logging unit and wellsite geologist were on site from 1700' to total depth. The Green River and Douglas Creek formations were penetrated at 1724' and 4962' making them respectively 10' high and 30' high structurally to the 1/2 mile offset Balcron Oil 11-25 Federal (NW $\frac{1}{4}$ NW $\frac{1}{4}$, S-25, T8S-R17E) control well.

This well was drilled to 6150' (Driller) and 6152' (Logger).

Subsequent to log review the operator elected to run 5 $\frac{1}{2}$ " production casing in this well.

The rotary was released 1/21/95.

Respectfully submitted,


DENNIS C. REHRIG

**Balcron Oil 33-25 Federal
2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
Uintah County, Utah**

WELL DATA

<u>OPERATOR:</u>	Balcron Oil
<u>LEASE & WELL NO.:</u>	Federal 33-25
<u>LOCATION:</u>	2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
<u>PROSPECT/FIELD:</u>	Monument Butte
<u>COUNTY:</u>	Uintah
<u>STATE:</u>	Utah
<u>BASIN:</u>	Uintah
<u>WELL TYPE:</u>	Development - Field Extension
<u>BASIS FOR PROSPECT:</u>	Subsurface well control
<u>ELEVATIONS:</u>	G.L. 4971', K.B. 4981'
<u>SPUD DATE:</u>	3:00 PM (MST) 1/12/95 (Rotary)
<u>OUT FROM UNDER SURFACE CASING:</u>	5:45 PM (MST) 1/13/95
<u>DRILLING COMPLETED:</u>	5:15 AM (MST) 1/20/95
<u>LOGGING COMPLETED:</u>	4:30 PM (MST) 1/20/95
<u>RIG RELEASE:</u>	12:00 pm (Noon) 1/21/95
<u>TOTAL DAYS SPUD THROUGH LOGGING:</u>	9 days
<u>TOTAL DEPTH:</u>	6,150' (Driller) 6,152' (Logger)
<u>TOTAL DRILLING DAYS:</u>	9 days

HOLE SIZE & CASING:

Hole Size

12¼" Surface to 285'
7⅞" 285' to T.D.

Casing Size

8⅝" surface to 270' K.B.
5½" production casing
to 6141' KB.

WELL STATUS:

Cased for oil completion attempt.

PENETRATION:

366' below Carbonate Marker

COMPANY DRILLING CONSULTANT:

Al Plunkett

DRILLING CONTRACTOR:

Union Drilling Co.

RIG NO.:

17

TOOLPUSHER:

Dave Gray

RIG SPECIFICATIONS:

Draw Works – Cabot–Franks, powered by one
D–343 Diesel Cat
Derrick – Cabot–Franks 97' mast.

BLOW OUT PREVENTER:

Make: Cameron. Type: 10" x 5000 lbs.
Drill Pipe: Size: 4½" OD, 2¼" ID, Thread: XH.
BHA: Length 600'.
Tool joints: 6¼" OD, Type – XH.

MUD PUMP:

No. 1 – Gardiner–Denver FXN, 14" Stroke, 5½" liner.

MUD COMPANY:

Anchor Drilling Fluids, Inc.
Operator bought products and drilling contractor
mixed as needed.

MUD PROGRAM:

Air/Foam – Surface to 4259'
KCl/Water 4259' – Total Depth

**ELECTRIC OPEN–HOLE
LOGGING PROGRAM:**

Halliburton Energy Services
Engineer: Kirk Evatt
Witnessed by: Dennis Rehrig and Al Plunkett
– Dual Laterolog w/Caliper, Gamma Ray, and Tension
Curve (270'–6134')
– Spectral Density/Dual Spaced Neutron with Caliper,
Gamma Ray & Tension Curve (2800'–6107')

**LOST CIRCULATION ZONE
OR DRILLING PROBLEMS:**

None observed.

WELLSITE GEOLOGIST:

Dennis C. Rehrig

SAMPLING PROGRAM:

50' Samples from 1,700'-4,250'
30' Samples from 4,250'-Total Depth,
except caught extra samples through
drilling breaks and/or mudlog shows, as necessary.

SAMPLE QUALITY:

Generally fair unless noted otherwise. Had some oil
contamination near end of hole.

SAMPLE DISPOSITION:

Utah Geological Survey - Salt Lake City, Utah

MUD LOGGING EQUIPMENT:

Northwest Mudlogging Service - two man unit
Larry Vodall and Ray Schmoldt.

CORE PROGRAM:

None.

DRILLSTEM TEST:

None.

SURFACE CASING:

8 $\frac{5}{8}$ " Maverick, 24 wt, J-55, 6 jts.
Surface - 270' K.B. Surface hole drilled and casing
set by rotary rig. Details of cement job unknown.

PRODUCTION CASING:

147' jts, 5 $\frac{1}{2}$ ", 15.50 wt, J-55, to 6141' KB, cemented
w/160 sxs Lite and 400 sxs 50-50 POZ w/Western.
Plug down at 8:15 p.m. 1/21/95.

**Balcron Oil 33-25 Federal
2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
Uintah County, Utah**

DAILY DRILLING HISTORY

Daily drilling reports taken primarily from Rig Tower Sheets and supplemented by Drilling Supervisor.
Day commenced at 6:00 AM (MST) day of prior day of report and ends at 6:00 AM (MST) day of report.

Days Since Spud	1995 Date	Depth	Ftg in Last 24 Hrs	Activity (hrs)			Bit No.	W O B (M)	RPM	PP	Activity
				Drig	Maint. and Repairs	Other					
1	1/13	285'	285'	7.5	0	16.50	1 & 2	10-15	20-25	170	Move rig and rig-up, drilling conductor hole and set same, drilling rathole and set same, nipple up, drilling 12¼" hole with air and foam, circulate and clean hole, TOH, RU and run 8¾" production casing, cement casing, WOC.
2	1/14	806'	521'	10.00	1.50	12.50	3	40	60	200	WOC, WO welder, cut off casing and weld wellhead on, NU BOP, pressure test, TIH, drilling out plug insert, cement and shoe, drilling 7½" hole with air and foam, change over to DP, drilling, WO booster, survey, change airhead rubber, drilling.
3	1/15	2175'	1369'	22.50	0.75	0.75	3	40	60	230	Drilling, survey, service rig and air, check BOP, drilling, service rig and air, survey, drilling, service rig and air, survey, drilling.
4	1/16	3299'	1124'	22.00	1.00	1.00	3	40	60	240/250	Drilling, service rig and air - check BOP, drilling, service rig and air, drilling, service rig and air, survey, drilling, ream tight hole and clean hole @ 3200', drilling.

5

Days Since Spud	1995 Date	Depth	Ftg in Last 24 Hrs	Activity (hrs)			Bit No.	W O B (M)	RPM	PP	Activity
				Drlg	Maint. and Repairs	Other					
5	1/17	4259'	960'	18.75	1.00	4.25	3	40	60	250	Drilling, service rig and air, check rams, survey, drilling, service rig and air, drilling, circulate and clean hole w/air, load hole, sweep hole and circulate, TOH for bit and switch to KCl/water.
6	1/18	4785'	526'	19.00	1.75	3.25	4	40	70	1025	TOH, service rig and check BOP, TIH, load hole, drilling, survey and service rig and pumps, drilling, service rig and pumps, drilling.
7	1/19	5445'	660'	23.00	1.00	0	4	40	75	1050	Drilling, service rig, check BOP, drilling, service rig and pumps, drilling, service rig and pumps, drilling.
8	1/20	6150'	705'	22.50	0.50	1.00	4	40	70-75	1075	Drilling, survey, service rig, check BOP, drilling, service rig and pumps, drilling, sweep hole and circulate.
9	1/21	6150'	0	0	1.50	22.50	-	-	-	-	Circulate hole, blow out kelly, drop survey, TOH for E-logs, RU loggers, log, RD loggers, TIH w/DC's and DP (1 side), LD DP, TIH w/rest of DP, LD, DP and DC, RU to run casing and run 5½" production casing, cement production casing.
10	1/22	6150'	0	0	0	6.00	-	-	-	-	Finished cementing, WOC, released rig at 12:00 Noon 1/21/95.

Balcron Oil 33-25 Federal
2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
Uintah County, Utah

SURVEYS VERTICAL HOLE

<u>Drilling Depth</u>	<u>Degrees</u>
500'	½°
1000'	1½°
1500'	1½°
2000'	2°
2500'	2¼°
3000'	1°
3500'	1½°
4011'	1¾°
4507'	1¼°
5004'	1¼°
5500'	¾°
6150'	1°

Balcron Oil 33-25 Federal
2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
Uintah County, Utah

BIT RECORD

Contractor: Union Drilling Co. Operator: Balcron Oil Lease: Federal State: Utah County: Uintah Sec/T-ship/Range: NWSE Sec. 25, T8S-R17E	Rig No. 17 Field: Monument Butte Well No. 33-25	Rig Make: Cabot-Franks Derrick: Cabot-Franks 97' mast Pump #1: Gardiner- Denver FXN Liner 5½" x 14" Stroke	Collars: ODxDxLength BHA 6" x 2½" x 600' (20 Jts) Drill Pipe-Size 4½" Tool Joint: 6¼"	Spud (Rotary) 1/12/95 Under Surface 1/13/95 Total Depth 1/20/95 Total Days Drilling 9	Toolpusher: Dave Gray Day Driller: Wm. Satterfield Evening Driller: Jeff White Morning Driller: Greg Ferguson Relief Driller: Chris Chapman Operators Representative: Al Plunkett Mud Type: Air/Foam 0' to 4259' KCl/Water 4259' to TD
--	---	---	--	---	--

Bit No	Bit Size	Bit Type	Bit Mfg	Serial No of Bit	Jet Size	Depth Out	Ftge	Hours Run	Acc Hours	Ft/Hr	Weight 1000 #	Rotary RPM	Vert. Dev.	Air or Pump Press	% of bit life used	Remarks
1	17¼"	Smith	FB	N/A	-Open-	24'	14	1	20	14	4/6	15/20		150	60%	WRR
2	12¼"	Smith	FB	N/A	-Open-	285'	261	5.25	113.75	61	8/12	15/25		150/200	60%	WRR
3	7¾"	SEC	S88CFH	648002	24 24 24	4259'	3974	55.5	55.5	71	40	55/65	1¾°	200/300	100%	Junk
4	7¾"	HTC	ATJ-44	V52WW	13 13 13	6150'	1891	56.5	56.5	33.5	40	65/70	1°	1000/1050	100%	Junk

**Balcron Oil 33-25 Federal
2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
Uintah County, Utah**

FORMATION TOPS

ELEVATIONS: G.L. 4971', K.B. 4981'

FORMATION

<u>FORMATION</u>	<u>E-Log Top</u>	<u>Subsea Datum</u>	<u>Structural Relationship To Reference Well *</u>
Green River	1724'	(+3257')	10' Hi
Horsebench Sand	2652'	(+2329')	6' Hi
2nd Garden Gulch	4190'	(+ 791')	28' Hi
Yellow Marker	4795'	(+ 186')	28' Hi
Douglas Creek	4962'	(+ 19')	30' Hi
2nd Douglas Creek Mkr	5212'	(- 231')	42' Hi
Green Marker	5372'	(- 391')	40' Hi
Carbonate Marker	5786'	(- 805')	70' Hi
Uteland Butte LS	NDE		
TOTAL DEPTH:	6152' Logger		

* Reference Well:

Balcron Oil 11-25 Federal
NW¼NW¼ Sec. 25, T8S-R17E
Uintah County, Utah

Note: Correlations and nomenclature that provided and used by operator.

**Balcron Oil 33-25 Federal
2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
Uintah County, Utah**

REFERENCE WELL E-LOG FORMATION BOREHOLE AND SUBSEA DATUMS

Balcron Oil
11-25 Federal
NW¼NW¼ Sec. 25, T8S-R17E
Uintah County, Utah

K.B. 5069

Formation

Green River	1822'	(+3247')
Horsebench	2746'	(+2323')
2nd Garden Gulch	4306'	(+ 763')
Yellow Marker	4911'	(+ 158')
Douglas Creek	5080'	(- 11')
2nd Douglas Creek Mkr	5342'	(- 273')
Green Marker	5500'	(- 431')
Carbonate Marker	5944'	(- 875')
Uteland Butte LS	6343'	(-1274')
TOTAL DEPTH	6457' (Logger)	

NOTE: Correlations and nomenclature that provided and used by operator.

**Balcron Oil 33-25 Federal
2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
Uintah County, Utah**

SIGNIFICANT GAS KICKS

Information from Mud Logger

<u>Formation</u>	<u>Sample Depth</u>	<u>Time (Before-During-After) Min/Ft</u>	<u>Total Gas (Before-During-After)</u>
Horse Bench	3395'-3540'	0.6 - 1.5 - 0.9	6 - 120 - 24
Douglas Creek	5162'-5184'	2.0 - 1.3 - 2.2	80 - 300 - 120
Carbonate Marker	5884'-5924'	2.0 - 0.8 - 2.2	600 - 1200 - 600
Carbonate Marker	6118'-6128'	2.0 - 1.2 - 2.0	240 - 400 - 240

POTENTIAL SANDSTONE ZONES

Provided by Wellsite Geologist

E-Log Depth (Spectral Density/Dual Spaced Neutron Log)

4380'-4389'	No visual shows but good porosity and resistivity.
4605'-4610'	
*5162'-5198'	Many shale stringers
5312'-5320'	
*5884'-5926'	
6020'-6027'	
6120'-6128'	Didn't get E-log coverage.

*Probably best zones below Douglas Creek

Balcron Oil 33-25 Federal
2097' FSL, 2067' FEL, Sec. 25, T8S-R17E
Uintah County, Utah

SAMPLE DESCRIPTIONS

By: Dennis C. Rehrig

All samples caught by Mud Loggers and lagged from 1700' to Total Depth. Samples were examined wet, under reflected light and 3x magnification from 1700' to total depth, for porosity identification samples were dried. Sample descriptions generally tie well to drill time log. Sample quality was fair unless stated otherwise in descriptions. All sample descriptions are interpretive and not tied to E-logs.

1700-50 Shale - light-medium gray to tan-grayish tan, moderately soft, sub-blocky in part, slightly-moderately calcareous, slightly carbonaceous in part.

Sandstone ranging to Siltstone - commonly fine-medium grained loose clear-milky Quartz grains, sub-angular, generally moderately consolidated-friable, moderately well sorted, generally sub-angular, some fair-good intergranular porosity, NSFOC, frequently specks of carbonaceous material, slightly calcareous.

1750-1800 Dolomite-Argillaceous Dolomite - tan to light-medium brown, occasionally buff, cryptocrystalline, moderately soft-moderately firm, slightly carbonaceous.

Shale - light-medium gray-grayish tan, moderately soft, sub-blocky in part, slightly-moderately dark brown carbonaceous material, slightly-moderately calcareous, silty in part, some Pyrite.

Sandstone ranging to Siltstone - generally fine-very fine grained, clear-milky, occasionally white, moderately well consolidated-slightly friable, some specks of black carbonaceous material, frequently pyritic, slightly calcareous in part, generally sub-angular, some fair-good intergranular porosity, NSFOC.

1800-50 Shale - light-medium gray-brownish gray, commonly specked-mottled with medium to dark brown carbonaceous material gritty-silty in part, moderately-highly carbonaceous, slightly calcareous, some Pyrite.

Dolomite-Argillaceous Dolomite - buff-tan-orangish tan, cryptocrystalline, moderately firm-moderately soft, slightly carbonaceous. Note: Some descriptions by others may refer to this rock as Marlstone. Also commonly this

rock and some shales in the rock column drilled in this area will yield fluorescence and cut, but only Siltstone and Sandstone exhibiting shows will be described, unless other shows are considered significant for possible production.

Some Sandstone-Siltstone as above.

1850-1900 Shale - generally as above but much more Pyrite.

Dolomite-Argillaceous Dolomite - as above.

Some Sandstone very fine to fine grained to Siltstone - milky to light gray, moderately well consolidated occasionally loose very fine to fine grains of Quartz, moderately-poorly sorted, argillaceous in part, slightly calcareous, sub-angular to sub-round, slightly-moderately specked carbonaceous material, frequently pyritic, no apparent porosity, NSFOC.

1900-50 Dolomite-Argillaceous Dolomite - tan-grayish tan occasionally mahogany, cryptocrystalline-frequently microcrystalline, moderately firm-moderately soft, slightly carbonaceous.

Shale - light gray-light brownish gray, frequently specked-mottled with carbonaceous material and Pyrite, frequently gritty-silty, slightly calcareous.

1950-2000 Limy Dolomite - tan, abundant Pyrite, slightly argillaceous, microcrystalline, moderately soft, frequently clear-milky spar-crystalline Calcite.

Some Dolomite-Limy Dolomite - mahogany, microcrystalline, moderately firm, slightly carbonaceous, some spar Calcite.

2000-2100 Dolomite-Argillaceous Dolomite - mahogany-orangish brown, microcrystalline, moderately firm-moderately soft, slightly carbonaceous, frequently in contact with clear-milky spar Calcite, occasionally Pyrite.

Limy Dolomite - generally as above but less Pyrite.

2100-50 Dolomite-Argillaceous Dolomite and Limy Dolomite as above - with abundant crystalline-spar milky-clear Calcite.

2150-2250 Argillaceous Dolomite-Dolomite - mahogany to tan to light to medium brown, microcrystalline, moderately firm, slightly-moderately carbonaceous, commonly

in contact with milky-amber spar Calcite, occasionally pyritic, abundant crystalline-spar, amber-milky-clear Calcite.

Some Limy Dolomite - as above.

- 2250-2400 Dolomite-Argillaceous Dolomite - mahogany-tan-buff, microcrystalline-occasionally cryptocrystalline, moderately soft, slightly carbonaceous, frequently pyritic commonly in contact with clear-milky-amber crystalline-spar Calcite, also much calcite as described above.
- 2400-2500 Dolomite-Limy Dolomite - brownish mahogany to medium-dark brown-tan, microcrystalline, moderately firm, slightly-moderately carbonaceous, occasionally pyritic, some clear-milky-amber crystalline-spar Calcite, slightly argillaceous in part.
- 2500-50 Dolomite-Limy Dolomite - medium-dark brown occasionally tan, microcrystalline, moderately firm-firm, slightly-moderately argillaceous in part, frequently pyritic, some amber-milky Calcite, frequently siliceous.
- 2550-2600 Dolomite-Limy Dolomite - generally as above, slightly more pyritic.
- 2600-50 Dolomite-Argillaceous Dolomite - medium brown-slightly grayish brown-occasionally tan, moderately firm-firm, frequently pyritic, slightly carbonaceous, frequently siliceous, generally microcrystalline.
- 2650-2700 Dolomite-Argillaceous Dolomite - generally as above but all colors slightly lighter shades, less Pyrite, frequently clear-milky crystalline-spar Calcite, generally microcrystalline occasionally cryptocrystalline possibly trace very fine grained loose Quartz grains.
- 2700-50 Dolomite-Argillaceous Dolomite - tan-slightly grayish tan, occasionally medium-dark brown, moderately firm-firm, microcrystalline-cryptocrystalline, slightly carbonaceous in part, occasionally pyritic occasionally milky-amber crystalline-spar Calcite.
- 2750-2800 Limy Dolomite - very faint tan-creamy tan, microcrystalline, moderately soft, occasionally specks of Pyrite, frequently crystalline-spar Calcite as above.

Dolomite-Argillaceous Dolomite - mahogany-medium-dark brown, occasionally slightly black, microcrystalline, moderately firm-firm, generally slightly carbonaceous occasionally moderately-highly carbonaceous, occasionally pyritic, frequently crystalline-spar milky-amber Calcite.

2800-2950 Dolomite-Argillaceous Dolomite - tan-dark brown to dark grayish brown, generally microcrystalline, moderately firm-firm, slightly-moderately carbonaceous, slightly pyritic in part, some crystalline-spar milky-amber Calcite, siliceous in part.

2950-3000 Shale - dark brown-dark grayish brown, moderately firm-firm in part, moderately calcareous, moderately-highly carbonaceous, trace algal laminae.

Some Argillaceous Dolomite - tan-mahogany, microcrystalline, moderately soft-moderately firm, slightly carbonaceous in part, some Pyrite.

3000-50 Shale - medium grayish brown-medium grayish tan occasionally slightly black, moderately firm, moderately calcareous, moderately-occasionally highly carbonaceous, frequently algal laminae.

Some Argillaceous Dolomite as above, siliceous in part.

3050-3150 Dolomite-Argillaceous Dolomite - medium-dark brown to medium-dark slightly grayish brown, slightly mahogany in part, microcrystalline, moderately firm-hard, slightly carbonaceous, abundant siliceous material-Chert, generally amber, amorphous, hard, some unidentifiable inclusions, frequently pyritic, trace fair-good intercrystalline-pinpoint vuggy porosity with medium-dark brown even oil stain, becomes good dark brown-black even oil stain upon drying, very faint dull gold fluorescence in part, good immediate dull yellow flash-milky cut. Some oil bleeding from rock.

3150-3200 Shale - orangish brown-mahogany to medium-dark grayish brown, moderately soft-moderately firm, slightly-moderately calcareous, slightly-moderately carbonaceous, frequently algal laminae, frequently pyritic.

Some Argillaceous Dolomite-Dolomite - tan-mahogany to slightly grayish medium brown, microcrystalline-cryptocrystalline, moderately firm-firm, dense, frequently siliceous with Pyrite, slightly carbonaceous.

3200-50 Shale - generally as above, some increase of dark brown-slightly black color, more carbonaceous and more algal laminae.

Some Argillaceous Dolomite as above.

3250-3300 Shale - light-medium gray, moderately firm, slightly-moderately calcareous, very slightly carbonaceous, frequently pyritic, silty in part.

Sandstone - medium grained ranging to Siltstone, milky-clear, moderately unconsolidated, commonly loose sub-angular Quartz grains, moderately well sorted, slightly calcareous, some Glauconite, lithic fragments and Pyrite, sub-angular to sub-round, generally no observable porosity, trace pinpoint medium brown specks oil on grain contacts, no fluorescence, extremely weak bluish-yellow slow streaming cut in part. Show likely not significant enough for commercial potential.

3300-50 Shale - light gray-cream-very light tan, moderately soft, slightly-moderately calcareous, silty in part, slightly specked with carbonaceous material in part, frequently pyritic.

Sandstone very fine grained ranging to Siltstone - milky-clear-white, moderately unconsolidated, moderately-poorly sorted, slightly calcareous, slightly argillaceous in part, generally sub-angular, some carbonaceous material-lithic fragments, occasionally Glauconite, Mica, and Pyrite, some fair intergranular porosity, NSFOC.

3350-3400 Dolomite-Argillaceous Dolomite - tan-occasionally medium-dark brown, moderately firm-firm, cryptocrystalline-microcrystalline, slightly carbonaceous in part, occasionally Pyrite.

Shale - medium-dark brown-orangish brown, moderately soft, frequently algal laminae, slightly-moderately calcareous, moderately-highly carbonaceous, trace Pyrite.

3400-50 Dolomite-Limy Dolomite - buff-tan-slightly orangish brown, cryptocrystalline occasionally microcrystalline, moderately firm, slightly carbonaceous in part, frequently pyritic.

3450-3500 Shale - cream-light gray, moderately soft, slightly-moderately calcareous, slightly carbonaceous in part, frequently silty frequently pyritic.

Argillaceous Dolomite - medium-dark brown, cryptocrystalline, moderately firm, frequently pyritic, slightly carbonaceous.

3500-50 Shale - generally light gray occasionally medium gray-cream, moderately firm-moderately soft, slightly calcareous, frequently silty-gritty, slightly carbonaceous in part, some Pyrite.

Siltstone ranging to very fine grained Sandstone - milky-occasionally white, generally moderately well consolidated, slightly calcareous, slightly argillaceous, moderately-poorly sorted, generally sub-angular, commonly Mica, Glauconite, specks of lithic fragments and/or carbonaceous material, generally appears tight, NSFOC.

3550-3600 Argillaceous Dolomite - medium-dark brown-grayish brown to grayish tan, microcrystalline, moderately firm, slightly-moderately carbonaceous, abundant Pyrite.

Limy Dolomite - buff-light tan, microcrystalline, moderately firm, very slightly carbonaceous specks in part, trace Pyrite, some clear spar Calcite.

3600-50 Limy Dolomite-Dolomite - tan-orangish brown-occasionally buff-white, cryptocrystalline-microcrystalline, generally firm-moderately firm, white rock is hard and siliceous in part, slightly carbonaceous in part.

Some Argillaceous Dolomite - as above.

3650-3700 Limy Dolomite-Dolomite - as above.

Shale - light-medium gray, moderately soft, slightly-moderately calcareous, slightly carbonaceous in part, silty in part, abundant Pyrite.

3700-50 Limy Dolomite-Dolomite - tan-grayish tan, some medium-dark brown Argillaceous Dolomite, microcrystalline-cryptocrystalline, generally slightly carbonaceous occasionally moderately carbonaceous, some Pyrite.

Limestone - buff-light tan, microcrystalline, moderately firm-moderately soft, slightly argillaceous, dense, some very fine specks of carbonaceous material in part.

3750-3800 Limy Dolomite-Dolomite and Limestone as above.

Some Shale - medium gray-tannish gray, moderately firm, slightly calcareous, slightly carbonaceous, abundant microcrystalline disseminated Pyrite.

3800-50 Shale - light gray, moderately firm-moderately soft, slightly-moderately calcareous, sub-blocky in part, some black specks of carbonaceous material, frequently pyritic, silty in part.

Limestone as above.

Some Siltstone - clear-milky occasionally some very fine grained Sandstone - well consolidated, argillaceous in part, slightly calcareous, moderately well sorted, tight, NSFOC, frequently pyritic.

3850-3950 Siltstone - clear-milky frequently with very fine grained Sandstone, moderately unconsolidated, moderately well sorted, slightly calcareous in part, slightly argillaceous in part, no apparent porosity, NSFOC, trace of Pyrite.

Some Shale - light gray, moderately soft, slightly calcareous, silty in part, some specks of carbonaceous material, slightly pyritic, sub-blocky in part.

3950-4000 Shale - generally medium-gray to brownish gray, occasionally dark gray to dark grayish brown, moderately soft occasionally moderately firm, slightly-moderately calcareous, slightly-occasionally highly carbonaceous, sub-blocky in part, trace Pyrite.

Dolomite-Limy Dolomite - tan-light brown, microcrystalline occasionally cryptocrystalline, slightly argillaceous in part, moderately firm-moderately soft, dense, slightly carbonaceous in part.

4000-50 Dolomite-Limy Dolomite - tan-light brown-occasionally buff as above.

Shale - dark grayish brown - moderately soft-slightly firm in part, slightly-moderately calcareous, moderately carbonaceous, sub-blocky in part.

4050-4100 Shale - generally medium grayish tan-tan, moderately firm-moderately soft, slightly-moderately calcareous, slightly-moderately carbonaceous, sub-blocky in part.

Limestone - buff-light tan, microcrystalline, moderately soft, occasionally speck of carbonaceous material, trace Pyrite, dense.

4100-50 Shale - medium gray-medium grayish tan-tan, occasionally light gray as above.

Limestone - occasionally Dolomitic Limestone - generally buff-light tan occasionally light-medium brown, microcrystalline-cryptocrystalline, moderately soft-moderately firm, slightly argillaceous in part, dense.

4150-4200 Shale - slightly gray-very slightly emerald, moderately soft, slightly-moderately calcareous, very slightly carbonaceous in part, frequently silty, slightly pyritic in part.

Siltstone ranging to very fine grained Sandstone, milky-clear, moderately well consolidated-slightly unconsolidated, sub-angular to occasionally sub-round, moderately well sorted, slightly calcareous, some poor intergranular porosity, trace Glauconite and carbonaceous material, frequently pyritic, slightly argillaceous in part, very faint light tan even oil stain in part, no fluorescence, extremely weak dull yellow glow-ring cut.

4200-50 Shale - as above.

Sandstone - very fine to fine grained, frequently loose sub-angular fine to very fine Quartz grains, moderately unconsolidated, milky-clear, moderately well sorted, generally sub-angular, slightly calcareous in part, some fair-good intergranular porosity, NSFOC.

Limestone - buff-light tan, cryptocrystalline, moderately firm-firm, dense, trace of ostracods.

Some Dolomite-Argillaceous Dolomite - medium-dark brown with frequently tinge of mahogany, cryptocrystalline-microcrystalline, moderately firm, slightly-moderately carbonaceous, dense.

TOH @ 4259' to change bit and switch to KCl/water.

4250-80 Dolomite-Limy Dolomite - tan-medium-dark brown, cryptocrystalline, moderately firm-firm, dense, slightly-moderately carbonaceous.

Much cavings, interpretation questionable.

4280-4310 Shale - medium-dark gray to tannish gray, frequently dark brown, moderately soft-moderately firm, slightly-moderately calcareous, slightly-moderately carbonaceous.

Some Siltstone ranging to very fine to fine grained Sandstone - milky-white occasionally clear, generally well consolidated, sub-angular, moderately well sorted, slightly calcareous, slightly argillaceous in part, trace Glauconite and carbonaceous material, some fair intergranular porosity, NSFOC.

4310-40 Limestone - buff-light tan, microcrystalline-cryptocrystalline, moderately soft-moderately firm, slightly argillaceous in part, dense.

Dolomite-Limy Dolomite - orangish brown-dark brown, microcrystalline, generally firm, dense, slightly-moderately carbonaceous.

Some Shale - light gray-very slightly emerald, frequently medium-dark gray, moderately soft-moderately firm, slightly-moderately calcareous, slightly-moderately carbonaceous, silty in part, frequently pyritic.

4340-70 Shale - generally light-medium gray, frequently slightly emerald, moderately soft, slightly-moderately calcareous, frequently specked-streaked with carbonaceous material, frequently silty, occasionally pyritic.

Some Siltstone ranging to very fine grained Sandstone as 4280'-4310'.

Some Dolomite-Limy Dolomite as above.

4370-4400 Shale and Dolomite-Limy Dolomite as above.

Some Limestone - buff-light tan, microcrystalline, moderately soft, slightly argillaceous in part, dense, some clear-amber crystalline-spar Calcite.

4400-30 Shale as above, also medium dark brown, moderately firm, slightly calcareous, moderately carbonaceous occasionally in contact with black highly carbonaceous lenses.

Dolomite-Limy Dolomite - orangish brown to slightly yellowish tan, slightly mahogany in part, moderately firm-moderately soft, microcrystalline, slightly argillaceous in part, frequently in contact with spar Calcite, slightly-moderately carbonaceous.

Some Limestone as above.

4430-60

Shale - light-medium gray, occasionally slightly emerald as above.

Dolomite-Limy Dolomite - as above.

Some Limestone - buff-light tan, slightly mottled in part, slightly argillaceous-carbonaceous, some spar Calcite, microcrystalline, moderately soft, trace pellets.

Some Sandstone very fine to fine grained, moderately well consolidated, moderately well sorted, generally clear-milky, sub-angular to sub-round, frequently specks of carbonaceous material, some lithic fragments and Glauconite, slightly calcareous, some fair intergranular porosity, NSFOC.

4460-90

Limestone-Dolomitic Limestone - buff-tan-orangish brown, moderately firm-occasionally moderately soft, microcrystalline, commonly spar Calcite, dense, slightly-moderately carbonaceous.

Dolomite-Limy Dolomite - orangish brown-mahogany, moderately firm-firm, microcrystalline-cryptocrystalline, slightly-moderately carbonaceous, dense.

Shale - light-medium gray, frequently cream, occasionally slightly emerald, moderately soft-occasionally moderately firm, slightly-moderately calcareous, frequently specks of carbonaceous material, frequently silty-Siltstone, some Pyrite.

Some Siltstone ranging to very fine grained Sandstone, generally well consolidated, slightly calcareous and argillaceous, sub-angular to sub-round, generally poorly sorted, milky, some carbonaceous material, lithic fragments, trace Glauconite, frequently Pyrite, no apparent porosity, NSFOC.

4490-4550

Shale - light-medium gray, frequently cream, occasionally slightly emerald, moderately soft, slightly calcareous, frequently streaked-specked with carbonaceous material, occasionally pyritic, commonly silty.

Limestone - generally buff-light tan, occasionally light-medium gray in part, microcrystalline-cryptocrystalline, moderately soft-moderately firm, frequently slightly carbonaceous, occasionally light-medium gray-tan pellets, some spar Calcite.

Some Dolomite-Limy Dolomite and Siltstone as above.

4550-80 Shale - dark brown-dark grayish brown, occasionally light-medium gray, moderately soft-moderately firm, slightly-moderately calcareous, moderately-occasionally highly carbonaceous, occasionally pyritic.

Some Dolomite-Limy Dolomite and Limestone as above.

4580-4610 Shale - cream streaked-mottled with carbonaceous material, frequently light-medium gray, moderately soft-soft, slightly-moderately carbonaceous, some black Shale ranging to Gilsonite, moderately soft-moderately firm, petroliferous-highly carbonaceous, some oil globules on sample.

Limestone-Dolomitic Limestone - slightly orangish brown-yellowish tan, occasionally tan, microcrystalline, moderately soft-occasionally moderately firm, slightly-moderately carbonaceous.

Some Siltstone ranging to very fine grained Sandstone - milky-very light brown-occasionally clear, well consolidated, moderately well sorted, slightly calcareous, slightly argillaceous in part, some specks of carbonaceous material, sub-angular to sub-round, some poor-fair intergranular porosity, very light brown even oil stain in part, dull yellow fluorescence, very weak diffuse bluish-yellow milky-halo cut.

Some Dolomite-Limy Dolomite as above.

4610-40 Shale - light-medium gray, specked-streaked with carbonaceous material and Pyrite, moderately soft, slightly-moderately calcareous, slightly carbonaceous, also medium-dark brownish gray, moderately firm, slightly calcareous, slightly-moderately carbonaceous, occasionally pyritic.

Some Limestone-Dolomitic Limestone and Dolomite-Limy Dolomite as above.

4640-70 Shale - generally dark brownish gray-orangish brown, moderately firm-moderately soft, slightly-moderately calcareous, moderately-highly carbonaceous, sub-platy in part.

Some Limestone-Dolomitic Limestone - tan-light brown, microcrystalline, moderately firm, dense, slightly carbonaceous in part.

4670-4700 Shale - light gray-cream, frequently specked-streaked with carbonaceous material, moderately soft-soft, commonly pyritic, slightly-moderately calcareous, also Shale as above.

Some Limestone-Dolomitic Limestone - tan-slightly orangish brown, microcrystalline, moderately firm, slightly carbonaceous.

4700-30 Shale - light-medium gray to frequently cream, occasionally specked-streaked with carbonaceous material and/or Pyrite, moderately soft-soft, slightly-moderately calcareous, slightly carbonaceous in part.

Dolomite-Limy Dolomite - orangish brown-yellowish tan, microcrystalline, moderately firm-moderately soft, dense, slightly carbonaceous.

Some Limestone - buff-light tan, microcrystalline-cryptocrystalline, moderately firm, dense, trace pellets.

4730-60 Shale - generally as above - slightly more carbonaceous material and pyritic.

Sandstone - very fine to fine grained ranging to Siltstone, clear-light gray-milky, generally well consolidated, slightly calcareous, slightly argillaceous, moderately-poorly sorted, commonly specks of carbonaceous material and lithic fragments, commonly pyritic, generally tight-poor intergranular porosity, NSFOC.

Some Dolomite-Limy Dolomite and Limestone as above.

4760-90 Shale as above - also some dark brownish gray-black with slightly bronze cast, moderately firm, highly carbonaceous, sub-platy in part, abundant microcrystalline disseminated Pyrite, slightly calcareous.

Some Limy Dolomite-Dolomite as above.

4790-4800 Limy Dolomite-Dolomite - orangish brown-yellowish tan, microcrystalline, generally moderately firm, slightly carbonaceous, dense, occasionally in contact with crystalline-spar Calcite.

Shale as above.

Limestone - tan-buff, microcrystalline, moderately firm, dense, slightly carbonaceous in part, trace ostracods, pisolites and pellets.

Trace Sandstone very fine grained ranging to Siltstone, well consolidated, moderately-poorly sorted, slightly calcareous, slightly argillaceous, sub-angular to sub-round, some poor intergranular porosity, some spotty light-dark brown oil

stain in part, very weak dull yellow fluorescence, very weak bluish yellow diffuse milky cut.

4800-50 Limy Dolomite-Dolomite as above.

Shale - light-medium gray occasionally cream, moderately soft, slightly-moderately calcareous, slightly carbonaceous in part, silty in part.

4850-4880 Dolomite-Limy Dolomite and Shale as above.

Some Limestone - buff-tan, microcrystalline, moderately soft, slightly argillaceous in part, dense.

Some Sandstone very fine grained ranging to Siltstone, milky-white, moderately well consolidated, slightly calcareous, slightly argillaceous in part, sub-angular to sub-round, frequently carbonaceous material, some Pyrite, moderately-poorly sorted, some poor intergranular porosity, NSFOC.

4880-4910 Dolomite-Limy Dolomite as above.

Shale - generally cream-light gray, soft, specks-streaks of carbonaceous material, slightly-moderately carbonaceous, trace Pyrite.

Some Sandstone very fine grained-Siltstone - generally as above, trace fair intergranular porosity, with light-medium even brown oil stain, dull yellow fluorescence, weak bluish-yellow milky-slow streaming cut.

4910-40 Shale and Limy Dolomite-Dolomite as above.

4940-70 Shale - cream-light gray as above, also much dark gray-black with orangish-bronze tinge, moderately soft-slightly pliable in part, sub-platy to sub-fissile, slightly calcareous, moderately-highly carbonaceous.

Dolomite-Limy Dolomite - orangish brown to yellowish tan, microcrystalline, moderately firm-occasionally moderately soft, dense, slightly-moderately carbonaceous, some milky-clear spar Calcite.

4970-5000 Dolomite-Limy Dolomite as above.

Shale - light-medium gray, frequently cream, moderately soft, slightly-moderately calcareous, frequently specks of carbonaceous material.

Some Limestone - light tan, microcrystalline, slightly argillaceous in part, moderately soft, slightly pelletoidal, commonly clear-milky-slightly amber crystalline-spar Calcite.

5000-30 Dolomite-Limy Dolomite as above.

Shale - light-medium gray frequently dark emerald, moderately soft-moderately firm, slightly-moderately calcareous, slightly carbonaceous in part.

Some Sandstone very fine grained ranging to Siltstone, generally well consolidated, generally milky-white, moderately-poorly sorted, slightly calcareous, slightly argillaceous in part, sub-angular to sub-round, some specks of carbonaceous material, trace Glauconite, frequently pyritic, generally poor intergranular porosity, generally NSFOC, but some black dead stain-trace medium brown oil stain, dull yellow fluorescence, very weak bluish yellow diffuse milky cut.

5030-60 Dolomite-Limy Dolomite - orangish brown to yellow tan, microcrystalline, generally moderately firm, generally moderately carbonaceous, frequently clear spar Calcite.

Shale - light-medium gray-cream, moderately soft, slightly-moderately calcareous, frequently specks of carbonaceous material, silty in part.

Limestone - tan-buff, microcrystalline, commonly crystalline-spar clear-milky Calcite, moderately soft-moderately firm, slightly argillaceous in part.

5060-5120 Dolomite-Limy Dolomite as above.

Shale - generally as above, frequently emerald.

Limestone as above.

5120-50 Limy Dolomite-Dolomite - orangish brown-yellowish tan, frequently tan, microcrystalline-cryptocrystalline, moderately soft-moderately firm, slightly argillaceous in part, slightly-moderately carbonaceous, frequently clear-milky, spar Calcite.

Shale - light-medium gray-frequently emerald-cream, moderately soft-moderately firm, slightly-moderately calcareous, silty in part, frequently specked-streaked with carbonaceous material.

Some Sandstone very fine grained ranging to Siltstone, milky-white moderately well consolidated, moderately-poorly sorted, slightly calcareous, slightly argillaceous in part, sub-angular to frequently sub-round, some specks of carbonaceous material and Pyrite, generally tight-poor intergranular porosity, NSFOC.

5150-70 Shale and Limy Dolomite-Dolomite as above.

Sandstone very fine grained ranging to Siltstone - moderately well consolidated, slightly calcareous, slightly argillaceous, sub-angular, moderately well sorted, generally light brown even-spotty oil stain, very weak dull yellow fluorescence in part, very weak diffuse slow bluish-yellow streaming cut, generally stain good, but rock is extremely fine grained and may be too tight to be commercial.

5170-5205 Sandstone very fine grained occasionally ranging to Siltstone, generally light-medium brown, moderately well consolidated-slightly friable in part, sub-angular to sub-round, moderately well sorted, slightly calcareous and slightly argillaceous in part, trace Glauconite and Mica, fair-good intergranular porosity, good generally even medium-light brown oil stain, dull gold fluorescence, fair bluish-yellow streaming cut-ring cut. This is first zone in well which appears commercial.

Shale and Limy Dolomite-Dolomite as above.

5205-5210 Shale - dark gray-dark brownish gray-black with bronze cast, moderately soft-moderately firm, slightly calcareous, moderately-highly carbonaceous, sub-platy in part, frequently pyritic, some cream-light gray Shale as above.

Some Limy Dolomite-Dolomite as above.

5210-40 Shale - medium gray-brownish gray, frequently cream-light gray, moderately soft, slightly-moderately calcareous, occasionally slightly streaked-specked with carbonaceous material, some Pyrite, silty in part.

5240-70 Shale as above.

Limy Dolomite-Dolomite - orangish brown-yellowish tan, moderately firm-moderately soft in part, slightly argillaceous in part, microcrystalline, slightly-moderately carbonaceous.

Some Limestone - buff-light tan, slightly mottled in part, moderately soft, slightly argillaceous, microcrystalline-cryptocrystalline.

5270-5300 Shale - generally as above, slightly more carbonaceous material and Pyrite, slightly mottled in part.

Limy Dolomite-Dolomite - generally as above, frequently clear-amber crystalline-spar Calcite.

Some Limestone as above, frequently clear-milky-amber crystalline-spar Calcite.

5300-30 Limy Dolomite-Dolomite - orangish brown-yellowish tan-tan, microcrystalline, moderately firm-moderately soft, slightly argillaceous in part, slightly-moderately carbonaceous, some crystalline-spar Calcite.

Shale - light-medium gray-frequently slightly emerald-cream, commonly specked-streaked-mottled with carbonaceous material, slightly-moderately calcareous, silty in part.

Some Limestone - cream-buff, microcrystalline, soft-moderately soft, slightly argillaceous-silty.

Some Sandstone very fine to fine grained, moderately well consolidated, slightly calcareous, slightly argillaceous, sub-angular to sub-round, moderately well sorted, some fair-good intergranular porosity, good light-dark brown oil stain, dull gold fluorescence in part, fair bluish-yellow flash cut-halo cut. Hard to tell if this is cavings - if not, there should be a prospective pay in this interval.

5330-60 All as above except show in Sandstone not as good.

5360-90 Shale - medium-dark gray frequently dark brownish gray-dark brown-black, generally moderately soft, slightly calcareous, typically microcrystalline disseminated Pyrite in lighter colors.

Limy Dolomite-Dolomite as above.

5390-5420 Shale - light-medium gray, frequently emerald-rust, gritty-silty in part, moderately soft, slightly calcareous, some specks and streaks of carbonaceous material, trace Pyrite.

Limy Dolomite–Dolomite as above.

Some Limestone as above.

5420–50 Shale and Limy Dolomite–Dolomite as above.

5450–80 Dolomite–Limy Dolomite – orangish brown–yellowish tan, microcrystalline moderately firm–moderately soft, slightly argillaceous in part, slightly–moderately carbonaceous occasionally spar Calcite.

Shale – light–medium gray, occasionally emerald–cream, moderately soft–occasionally moderately firm, slightly–moderately calcareous, some specks of carbonaceous material in part.

Some Limestone – tan–buff, generally microcrystalline, slightly argillaceous in part, moderately firm frequently clear–white spar Calcite.

5480–5510 Dolomite–Limy Dolomite as above.

Shale – generally as above, but more emerald color, frequently rust.

Some Limestone as above.

5510–75 Shale – dark brownish gray–black both with bronze cast, moderately soft–moderately firm, very slightly calcareous, sub–blocky to sub–platy, pliable in part, highly carbonaceous–slightly petroliferous in part, frequently pyritic.

5575–5660 Dolomite–Limy Dolomite as above.

Shale – light–medium gray–emerald–rust, moderately soft, slightly–moderately calcareous, silty in part, some specks of carbonaceous material.

Some Limestone as above, commonly clear–milky crystalline–spar Calcite.

5660–90 Shale – dark gray–dark brownish gray–black, all frequently with bronze cast, generally moderately soft, slightly–moderately calcareous, highly carbonaceous, abundant microcrystalline disseminated Pyrite.

Some Dolomite–Limy Dolomite as above.

- 5690-5712 Shale as above.
- 5712-20 Shale as above, also medium gray-grayish tan-emerald-rust, moderately soft-moderately firm, slightly-moderately calcareous, silty in part.
- Some Dolomite-Limy Dolomite as above.
- Some Sandstone fine to very fine grained, clear-white-milky, moderately well consolidated, slightly calcareous, slightly argillaceous, moderately-poorly sorted, sub-angular to sub-round, trace Mica and Pyrite, looks tight, NSFOC.
- 5720-5765 Shale - dark gray-black both with bronze cast, generally moderately soft, slightly calcareous, abundant microcrystalline disseminated Pyrite, generally sub-platy, highly carbonaceous.
- 5765-80 Shale as above.
- Some Dolomite-Limy Dolomite as above.
- 5780-5810 Shale as above, also much light-medium gray emerald as above.
- Dolomite-Limy Dolomite as above.
- Abundant globs of oil containing loose very fine to fine sized Quartz grains which are sub-angular to sub-round, assume this is cavings and contamination for uphole, likely R-5 sand.
- 5810-70 Dolomite-Limy Dolomite - orangish brown-yellowish tan, microcrystalline-cryptocrystalline, firm-moderately soft, slightly argillaceous in part, slightly-moderately carbonaceous.
- Limestone - tan-buff to light-medium brown, microcrystalline, moderately firm-moderately soft, slightly argillaceous in part, trace of ostracods or Pisolite.
- Shale - cream, specked-mottled with carbonaceous material, light-medium gray, emerald occasionally rust, moderately soft-moderately firm, slightly-moderately calcareous, silty in part.
- Some oil globs as above, but not nearly as much loose sand present.

5870-5900 Sandstone - fine to very fine grained, frequently medium grained, clear-milky, slightly calcareous in part, slightly argillaceous in part, moderately unconsolidated-slightly friable in part, moderately well sorted, sub-angular to sub-round, fair-good intergranular porosity, some lithic fragments, trace Glauconite, very light even brown oil stain-generally spotty medium-dark brown on grain contacts, dull yellow fluorescence, very weak-weak diffuse dull yellow oozing cut-ring cut. This should be a commercial zone.

Shale - cream, highly mottled with medium-dark brown carbonaceous material, moderately soft, slightly calcareous.

Dolomite-Limy Dolomite and Limestone as above.

5900-30 Generally as above, but less Sandstone and more Dolomite-Limy Dolomite.

5930-60 Shale - medium-dark gray to dark emerald occasionally rust, moderately soft-moderately firm in part, slightly calcareous, silty in part, occasionally cream as above.

Dolomite-Limy Dolomite - orangish brown-medium-dark brown, occasionally reddish brown-mahogany to yellow tan, microcrystalline-cryptocrystalline, moderately soft-moderately firm, slightly-moderately carbonaceous.

Occasionally Sandstone very fine to fine grained, white-cream, moderately well consolidated, slightly calcareous, slightly argillaceous, sub-angular to sub-round, generally tight, NSFOC.

5960-90 Shale - cream-light gray, highly streaked-mottled with medium-dark brown carbonaceous material, frequently emerald-rust, moderately soft-moderately firm, slightly calcareous, frequently silty-gritty, some Pyrite in part.

Limy Dolomite-Dolomite as above - frequently clear-milky spar Calcite.

Some Limestone as above.

5990-6020 Generally as above, frequently oil globs.

Some Siltstone ranging to very fine grained Sandstone - milky-light gray-lavender, well consolidated, moderately well-poorly sorted, slightly calcareous, slightly argillaceous, some specks of carbonaceous material, occasionally Mica and Pyrite, looks tight, NSFOC.

6020-30 Sandstone - firm-medium grained occasionally very fine grained, generally clear occasionally milky, generally loosely consolidated-slightly friable, well sorted, sub-angular to sub-round, some good intergranular porosity, very faint light brown, spotty oil stain in part, bright yellow fluorescence, very weak bright yellow ring cut. Even though zone is thin, this should be a commercial zone. Much contamination from oil globs.

Limy Dolomite-Dolomite and Shale as above.

6030-50 Generally as above but Limy Dolomite-Dolomite more orangish brown-yellowish tan.

Still much oil contamination.

6050-85 Limy Dolomite-Dolomite - orangish brown-yellowish tan occasionally mahogany, moderately soft-occasionally moderately firm, slightly-moderately carbonaceous, microcrystalline-cryptocrystalline.

Shale - cream-light gray, generally streaked-mottled with carbonaceous material and/or Pyrite, also commonly medium gray-emerald, moderately soft-moderately firm in part, slightly calcareous, silty in part.

Some Limestone - tan-yellowish tan, moderately firm, slightly argillaceous, cryptocrystalline in part, slightly carbonaceous in part, microcrystalline.

6085-90 Shale - dark brown-dark brownish gray, occasionally black, moderately firm-firm and brittle, moderately-highly calcareous, actually some is borderline Limestone, moderately-highly carbonaceous, sub-blocky, frequently pyritic.

6090-6110 Shale, Limy Dolomite-Dolomite and Limestone as 6050-6085 above.

6110-30 Limy Dolomite-Dolomite as above.

Shale - light-medium gray-emerald-rust, frequently cream and streaked to mottled, slightly calcareous, moderately soft-moderately firm, silty in part.

Some Sandstone very fine to fine grained milky-clear, moderately well consolidated, slightly calcareous, slightly argillaceous in part, moderately well sorted, sub-angular to sub-round, trace Glauconite, some fair intergranular porosity, very fine uneven light brown oil stain in part, bright yellow

fluorescence, very weak diffuse ring cut. If E-logs substantiate sufficient porosity, then zone is likely commercial.

6130-50

Shale - some as above, much black-grayish black to dark brownish gray, moderately soft-firm and brittle, slightly-highly calcareous, moderately-highly carbonaceous, frequently pyritic.

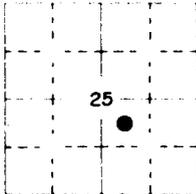
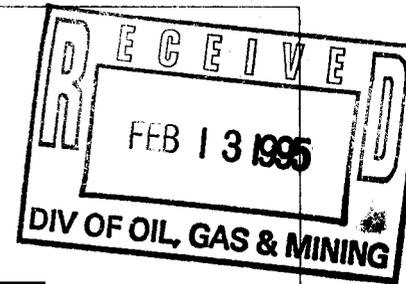
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**BALCRON OIL 33-25 FEDERAL
2097' FSL 2067' FEL, SECTION 25, T 8 S-R 17 E
UINTAH COUNTY, UTAH**

ELEVATIONS: 4971' GL. 4981' K.B.

SPUD: 3:00 PM (MST) 1/12/95

OUT FROM UNDER SURF. CSG.: 5:45 PM (MST) 1/13/95

DATE DRLG. COMP.: 5:15 AM (MST) 1/20/95

DATE WELL COMPLETED: 12:00 PM (NOON) (MST) 1/21/95

STATUS: RAN PRODUCTION CASING FOR OIL COMPLETION
ATTEMPT

SURF. CSG.: 270' OF 8 5/8"

PRODUCTION CSG: 5 1/2" TO 6141' K.B.

CORES: NONE

DRILL STEM TESTS: NONE

CONTRACTOR: UNION DRILLING CO.

RIG: 17

DERRICK: CABOT FRANKS, 97' MAST

DRAWWORKS: DETROIT 3304, POWERED BY
ONE 343 DIESEL CAT

PUMPS: 1 - GARDINER DENVER FXN, 14" STROKE,
5 1/2" LINER

DRILL PIPE: 4 1/2" OD, 2 1/4" ID, X-H THREAD

COLLARS: 6" OD, 2 1/2" ID, 20 JTS

MUD SYSTEM: AIR/FOAM TO 4259', KCL/WTR 4259'-TD

TOTAL BITS: 4

TOTAL DAYS TO LOG POINT: 9 TO COMPL: 10

T.D. DRILLER 6150' LOGGER 6152'

PENETRATION: 366' BELOW TOP OF CARBONATE MARKER

ROCK TYPE

(Consistent with American Stratigraphic Company)

	CONGLOMERATE		DOLOMITE
	SANDSTONE		ANHYDRITE
	SILTSTONE		SALT
	SHALE		COAL
	BENTONITE		IGNEOUS
	CHERT		VOLCANIC
	LIMESTONE		METAMORPHIC

ACCESSORIES

	SANDY		CHERT
	SILTY		ARGILLACEOUS
	SAND GRAINS		CALCAREOUS
	SILICEOUS		DOLOMITIC
	GLAUCONITE		ANHYDRITIC
	PYRITE		SALT CAST or INFILL
	PLANT REMAINS		PHOSPHATE PELLETS
	MINERAL CRYSTALS		NODULES

ORGANIC or NON ORGANIC ALLOCHEMS

	FORAMINIFERA		CEPHALOPOD
	CRINOID		GASTROPOD
	PELECYPOD		ECHINOID
	BIOLASTIC or FRAGMENTAL		FOSSILS UNIDENTIFIABLE
	CORAL		OOLITES
	STROMATOPOROID		PISOLITE 2mm or over
	BRYOZOA		PSEUDO OOLITES or PELLETS
	BRACHIOPOD		INTRACLASTS
	OSTRACOD		

FRAMEWORK ALGAE

	SKELETAL
	OOTOID or ONCOLYTIC

NON-FRAMEWORK ALGAE

	NON-DESCRIPT
	LAMINATED

MISCELLANEOUS

	NO SAMPLES		QUESTIONABLE INTERPRETATION
	CANNOT INTERPRET, cavings, etc.		STYLOLITES

POROSITY TYPES

X	INTERCRYSTALLINE, INTERGRANULAR, INTERFRAGMENTAL	D	ORGANIC - bridged, Intrafossil
Q	INTEROOLITIC, INTERPELLETOID	F	FRACTURE
V	VUGGY - voids greater than 1/16mm	e	EARTHY - low permeability, crystals less than 1/16mm
P	PINPOINT - voids less than 1/16mm	□	FENESTRAL - voids from gas bubbles, shrinkage cracks & birdseye texture
M	MOLDIC		

OIL STAINS - stain present

●	EVEN STAINING, FLOURESCES IN SOLVENT
⦿	SPOTTED STAINING, FLOURESCES IN SOLVENT
D	DEAD, ASPHALTIC, BITUMEN, ETC.
○	QUESTIONABLE, NO FLOURESCENCE IN SOLVENT

EVALUATION LEGEND

	WHOLE CORE
	DRILL-STEM TEST
	PERFORATIONS

DRILLING AND PRODUCTION DATA

	CASING SET	RPM	ROTATION (REV/MIN)
NB	NEW BIT	PP	PUMP PRESSURE
RRB	RERUN BIT	LC	LOST CIRCULATION
CB	CORE BIT	NR	NO RETURNS
DS	DEVIATION SURVEY	TG	TRIP GAS
W/B	WEIGHT ON BIT	CG	CONNECTION GAS

MUD DATA

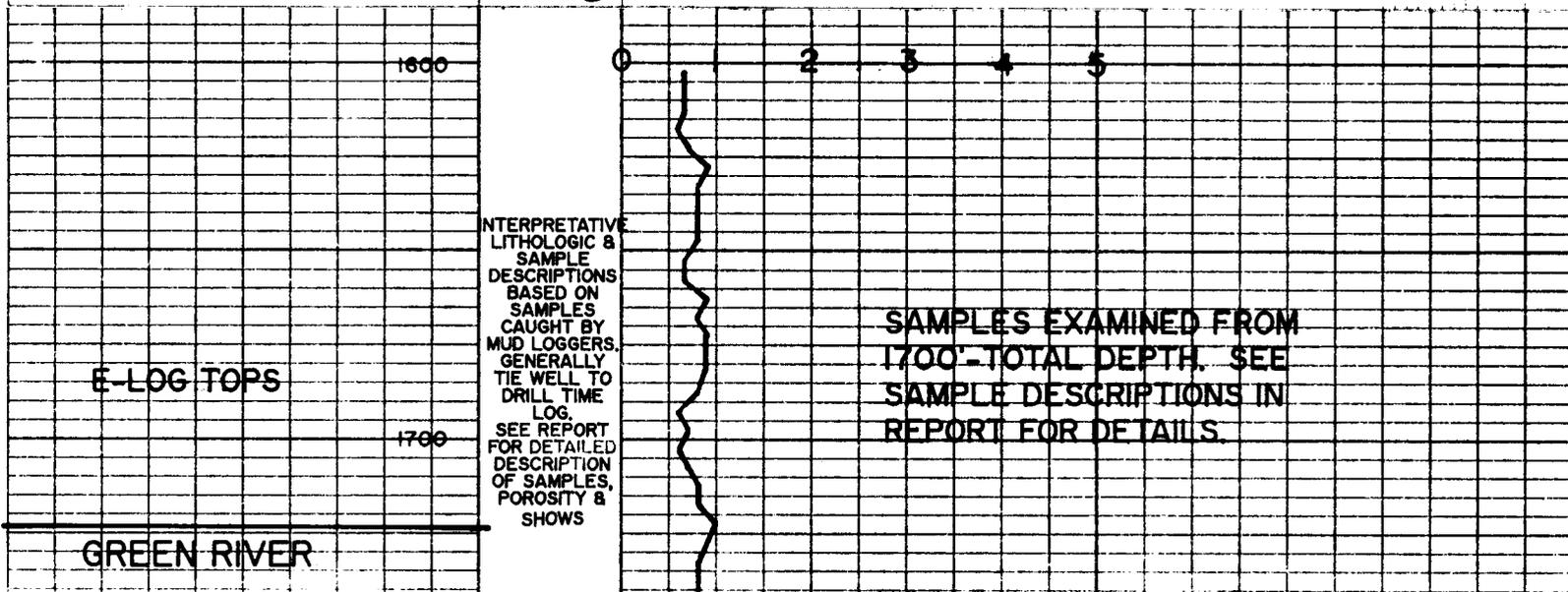
V	VISCOSITY
W	WEIGHT IN lbs/gal
WL	FILTRATE IN cc
FC	FILTER CAKE
CL	CHLORIDE CONTENT (ppm)
Rm	MUD RESISTIVITY (Ω)
Rmf	MUD FILTRATE RESISTIVITY (Ω)

ELECTRIC LOG
GAMMA RAY / CALIPER

INTERPRETED
LITHOLOGY
AND
DEPTH

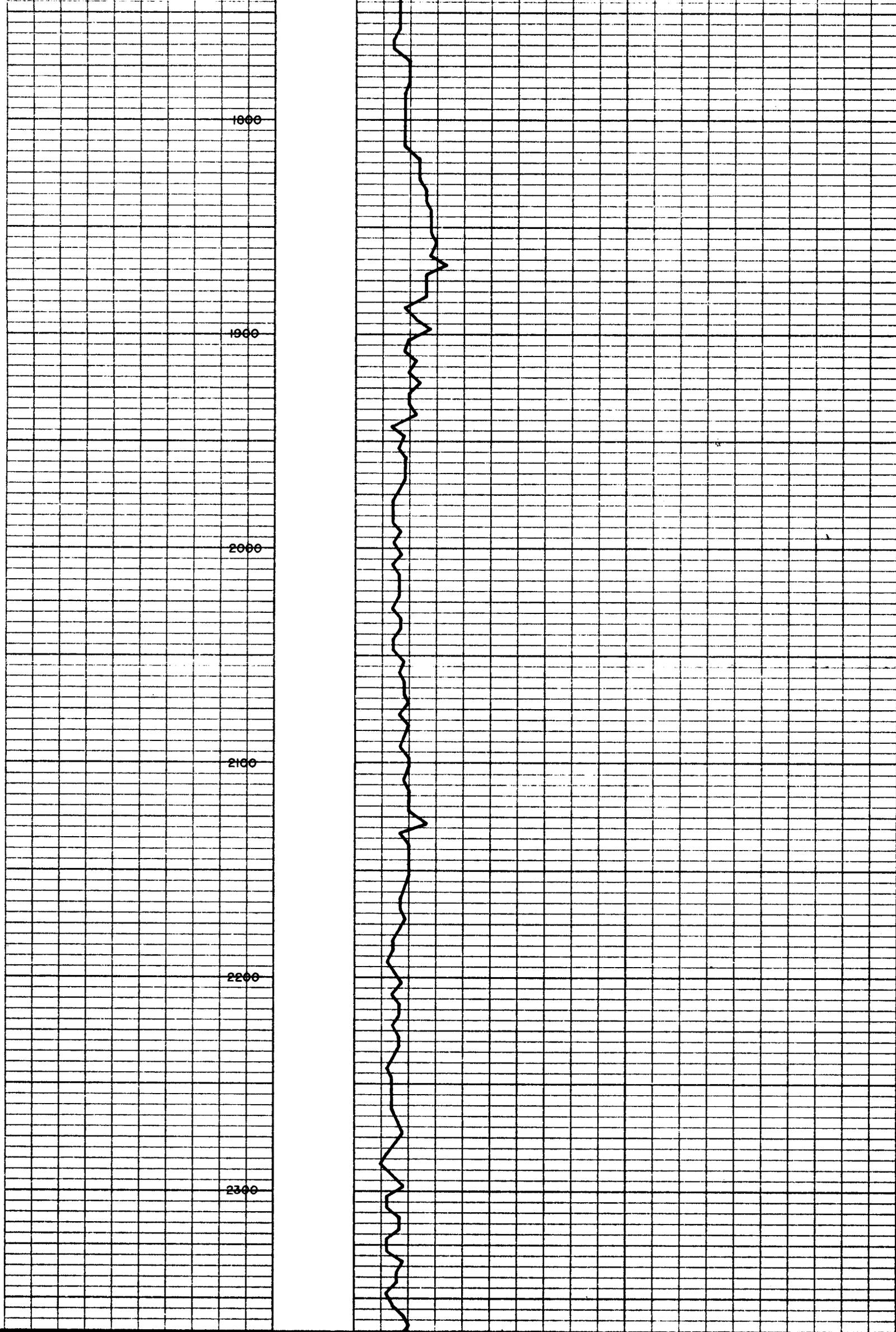
DRILLING PENETRATION
RATE (MIN / FT)

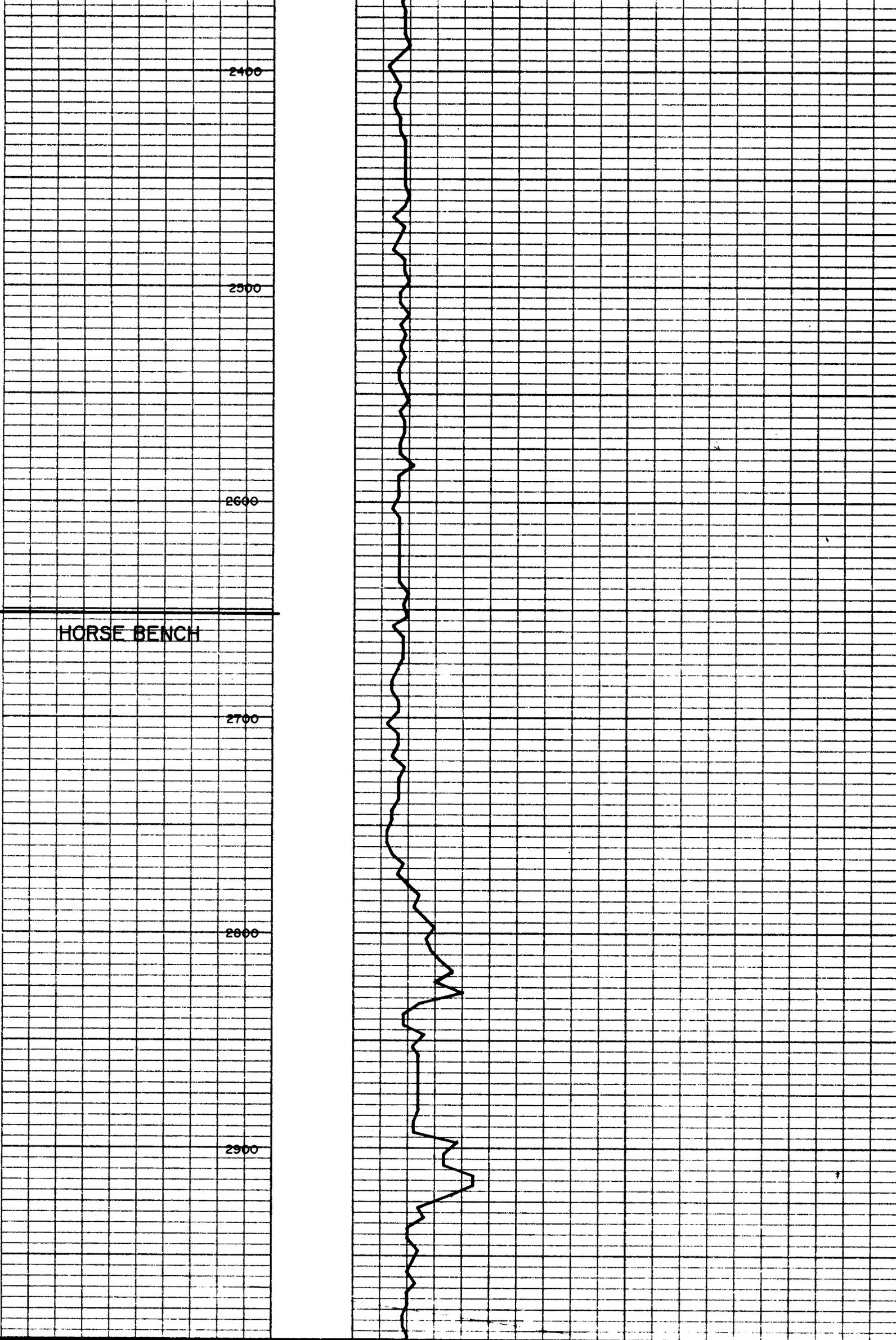
CASINGS & PERFORATIONS
CORE & DST
OIL SHOWS
POROSITY (%)
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0



NO. 101 3355

LABORED IN U.S.A.





3000

3100

3200

3300

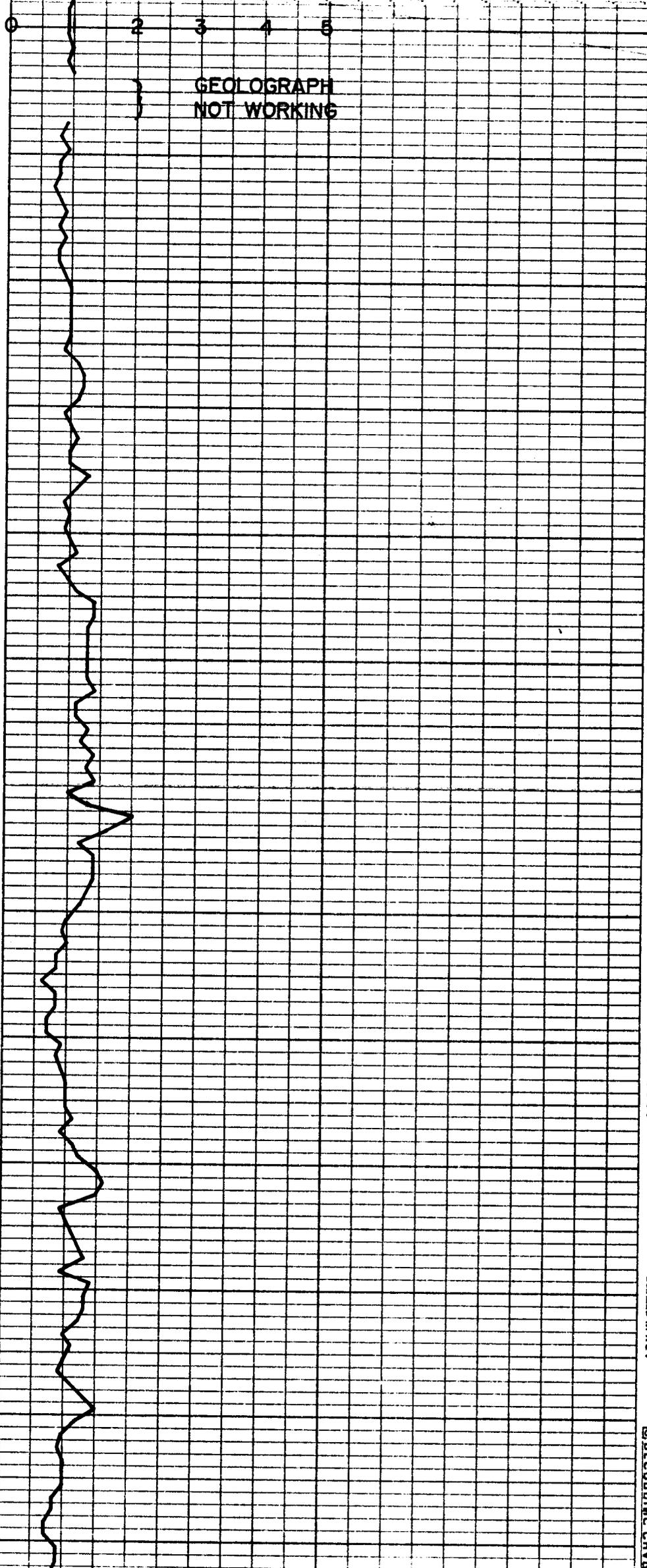
3400

3500

3600

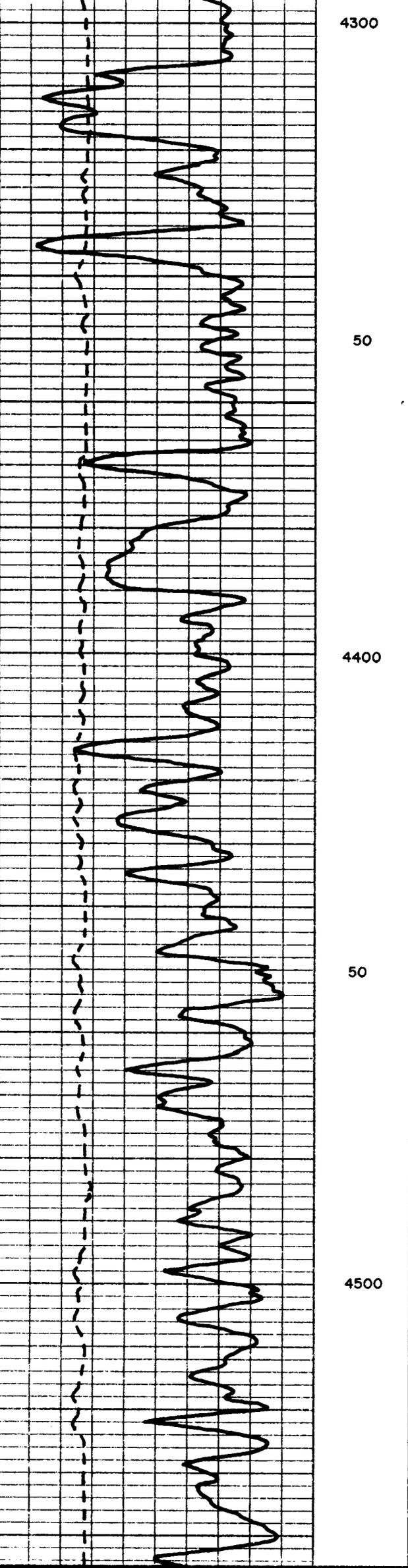
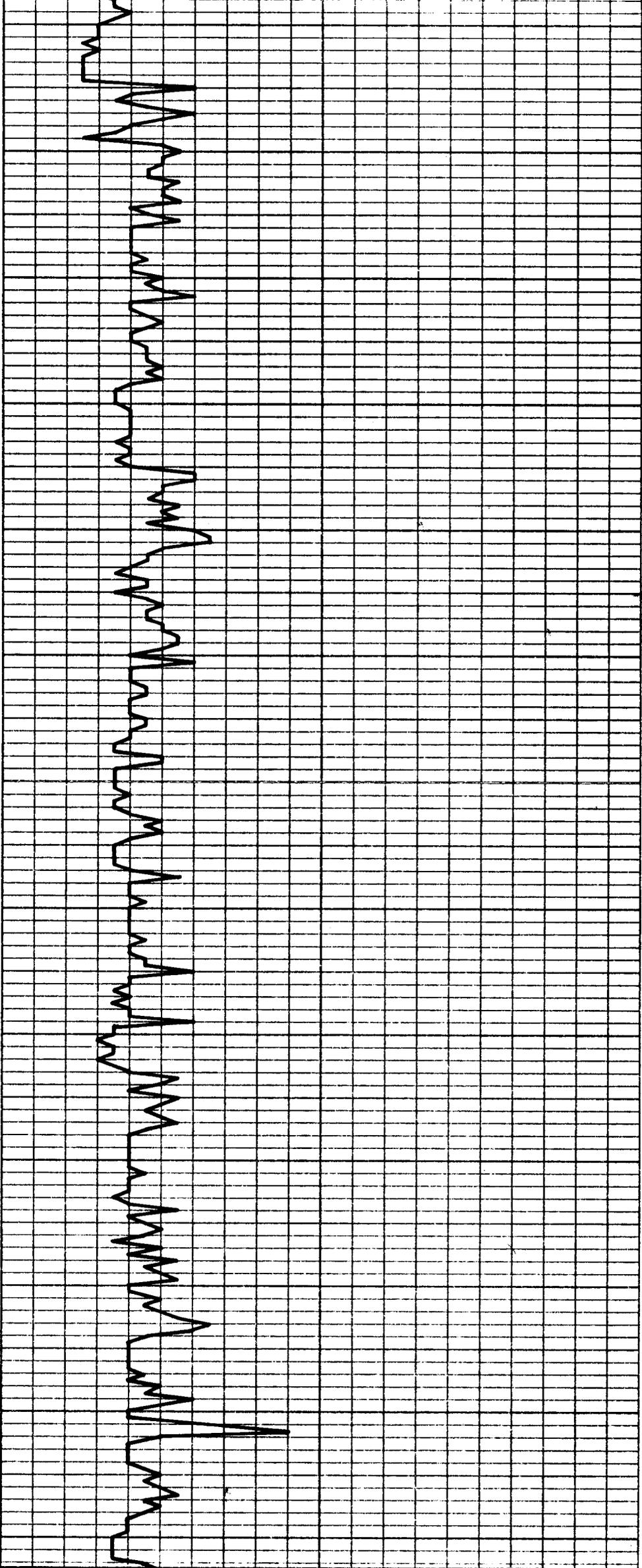
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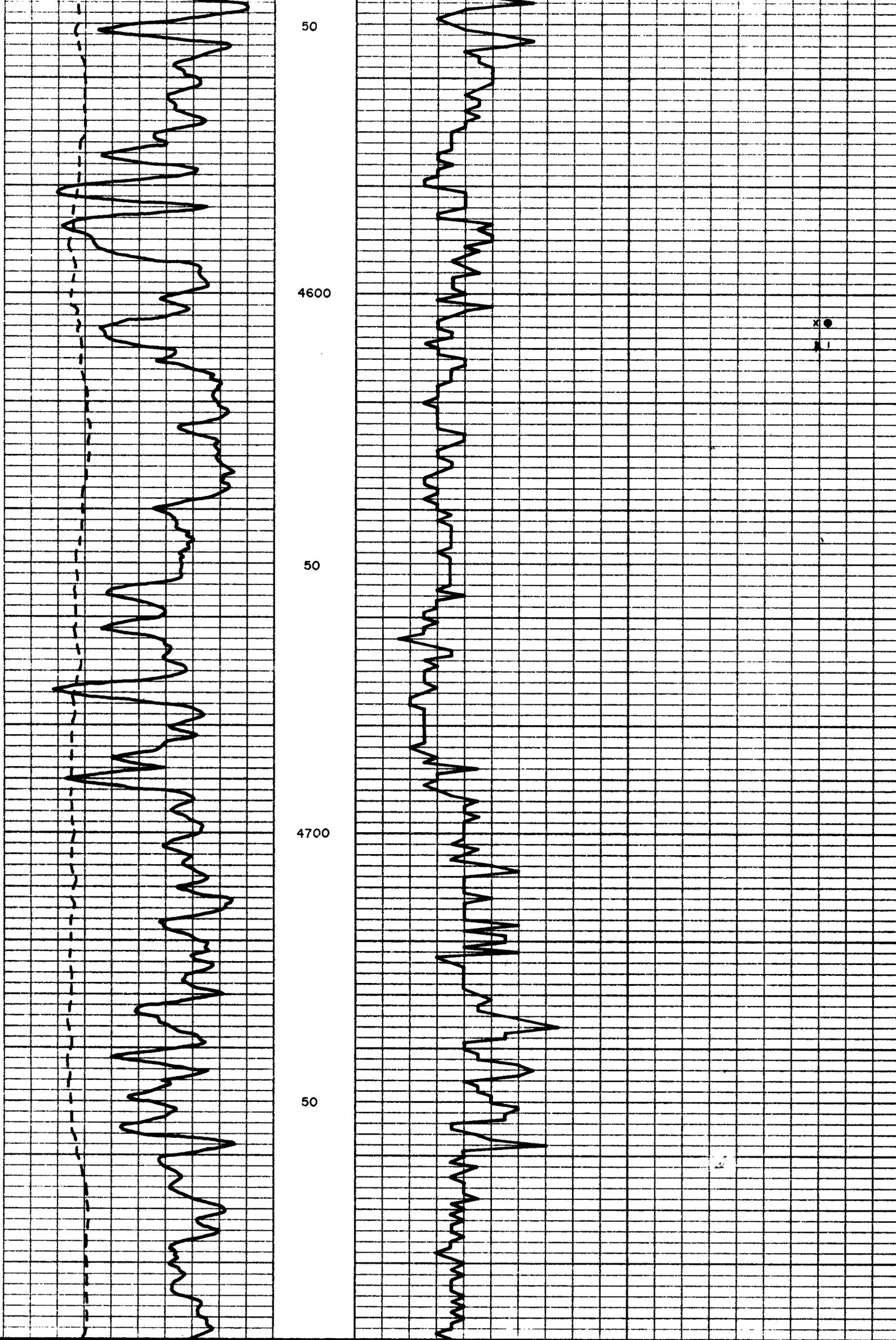
GEOLOGRAPH
NOT WORKING

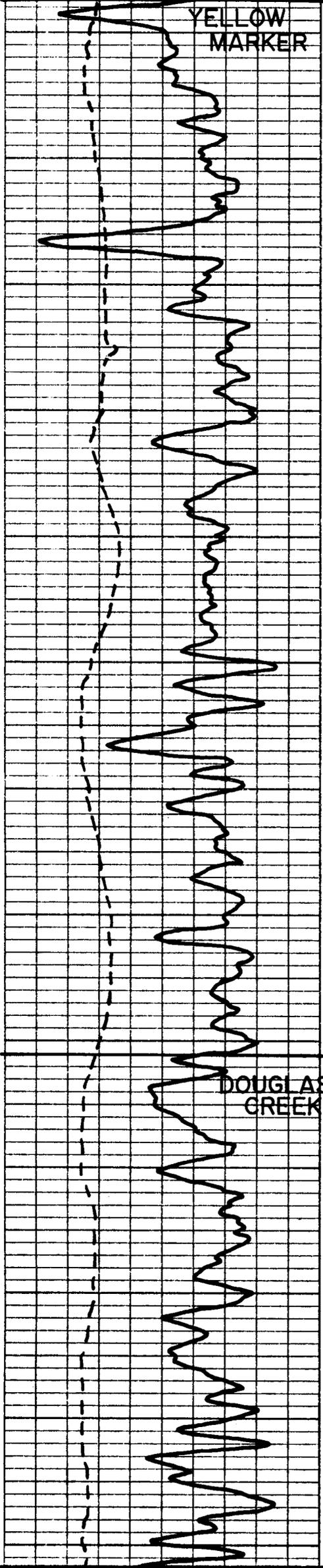


NO. TCI 3355

MADE IN U.S.A.







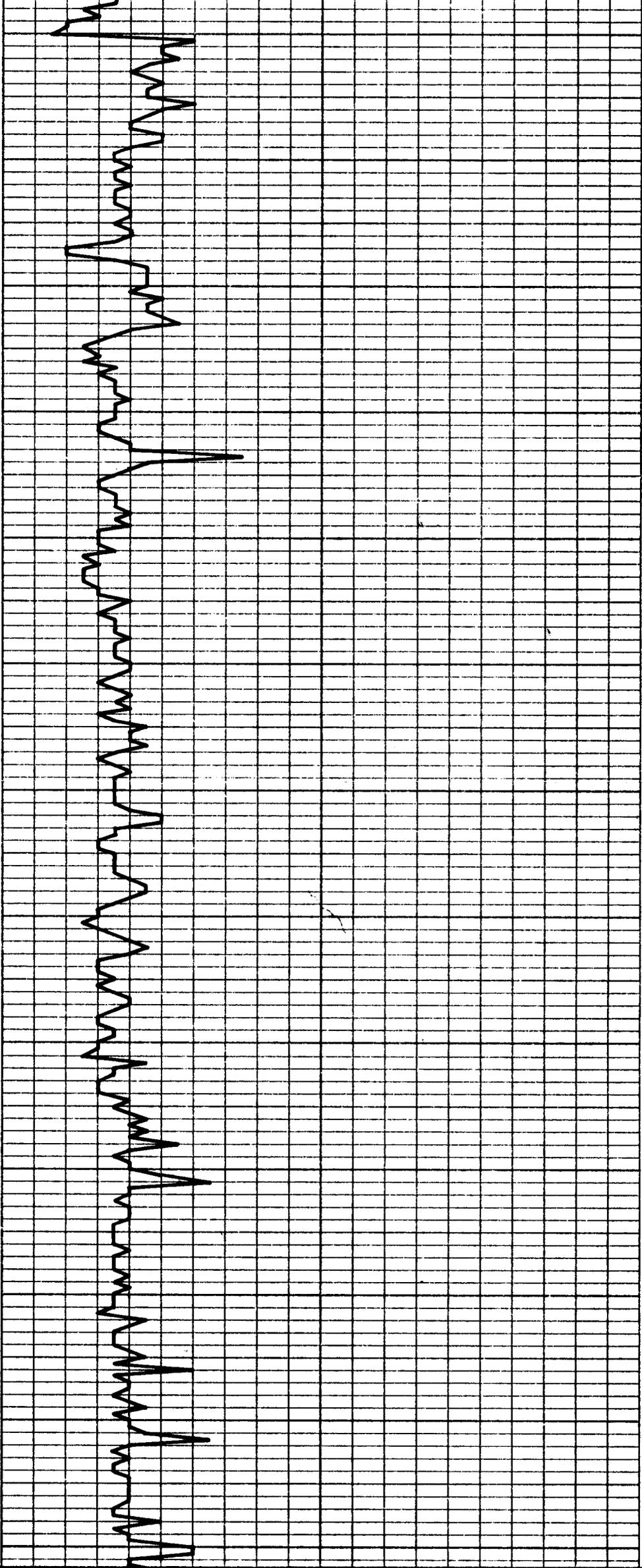
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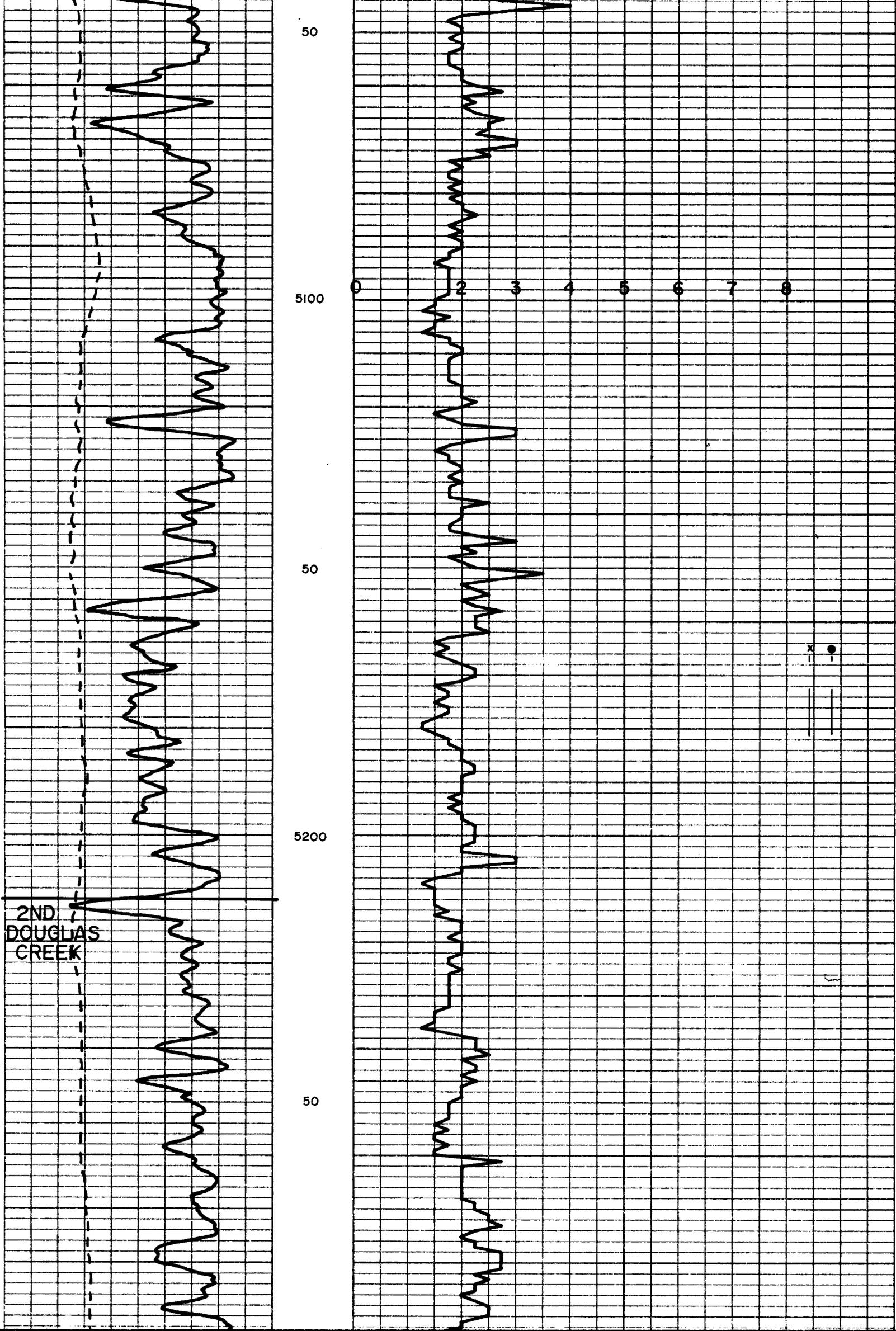
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4900

50

5000





X ●
| |

5300

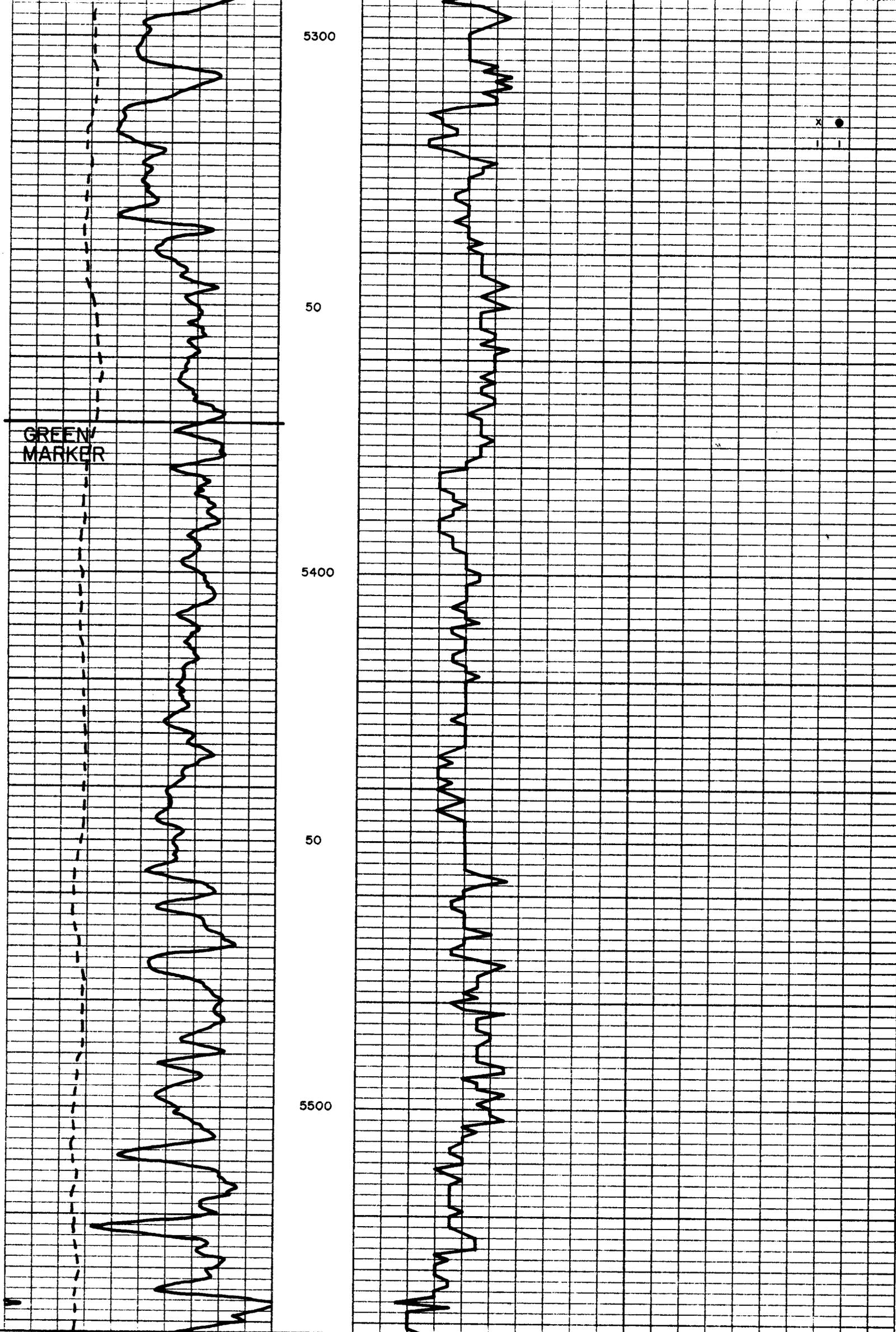
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5400

50

5500

GREEN
MARKER



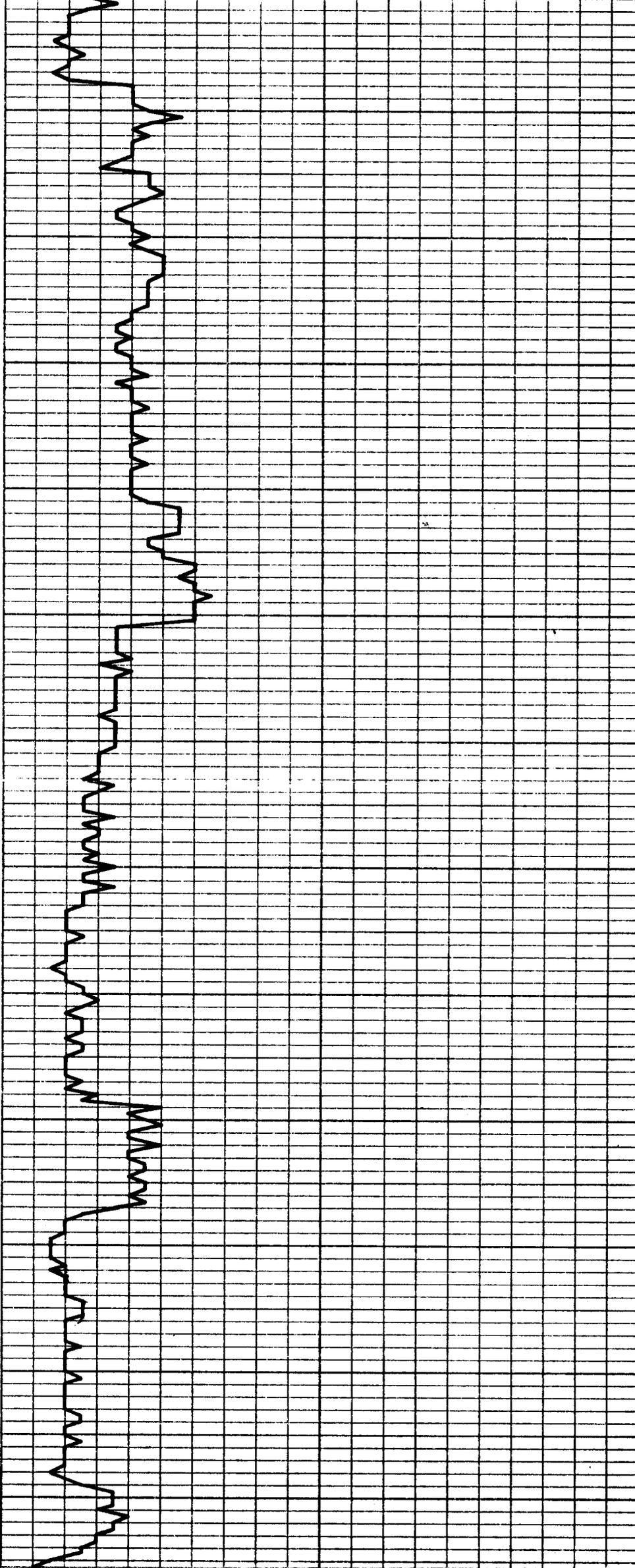
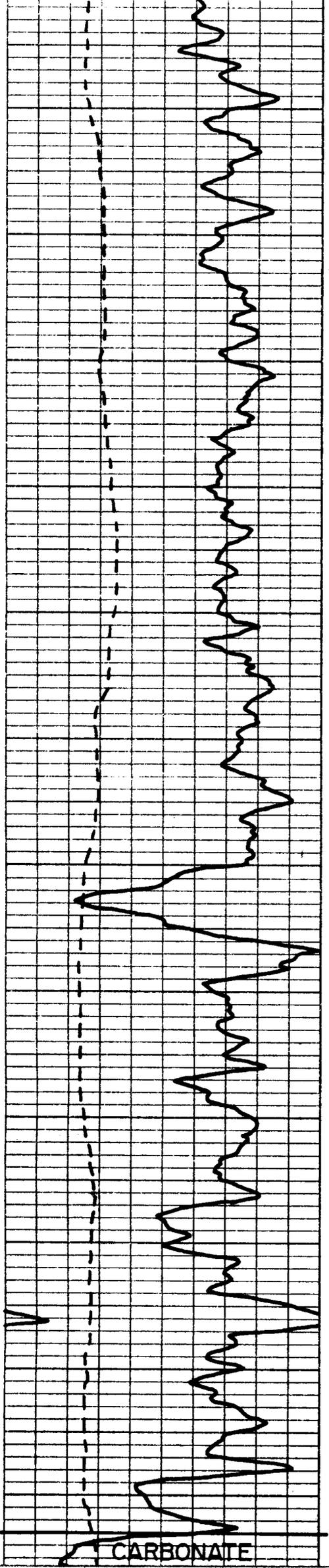
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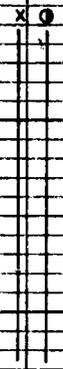
5600

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5700

50





5800

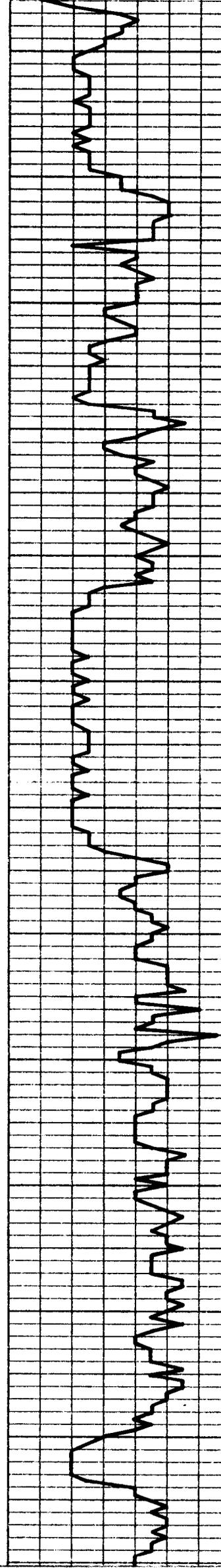
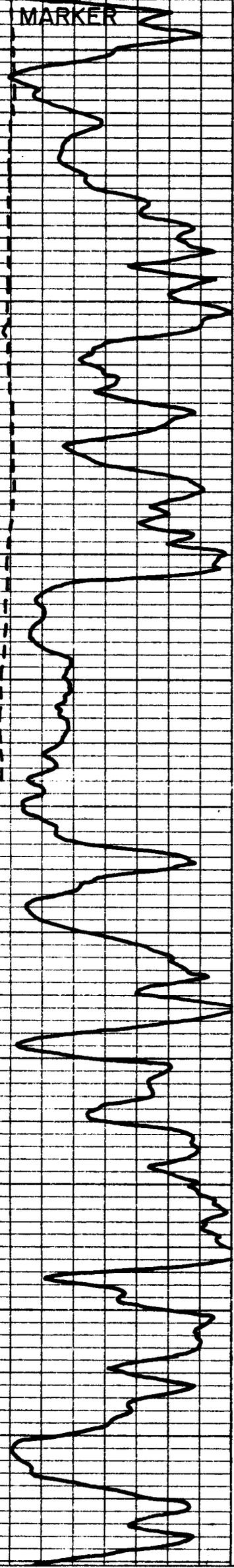
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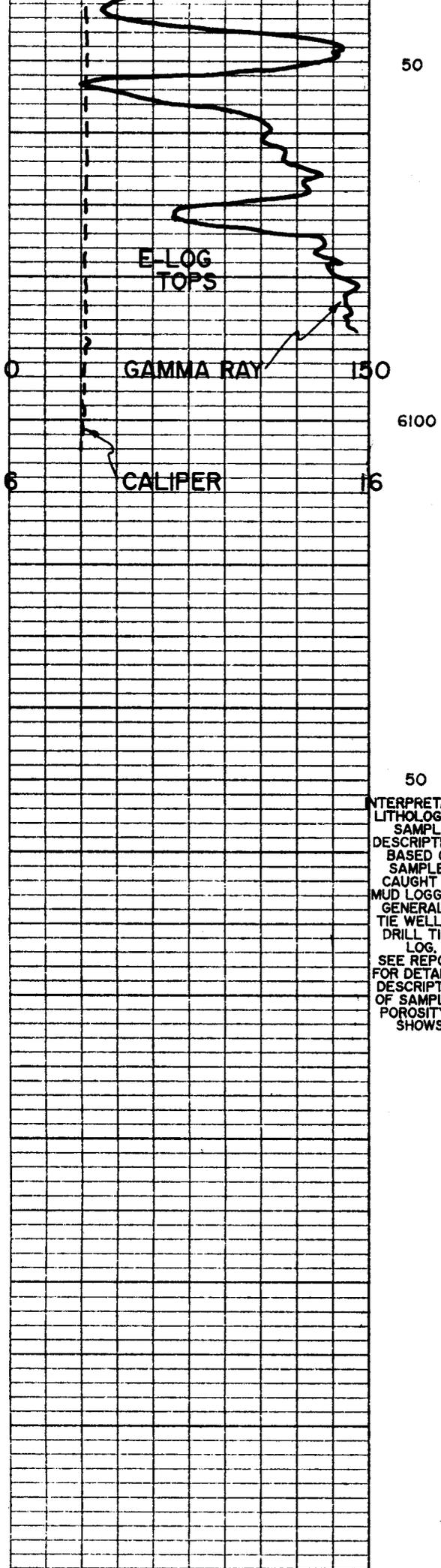
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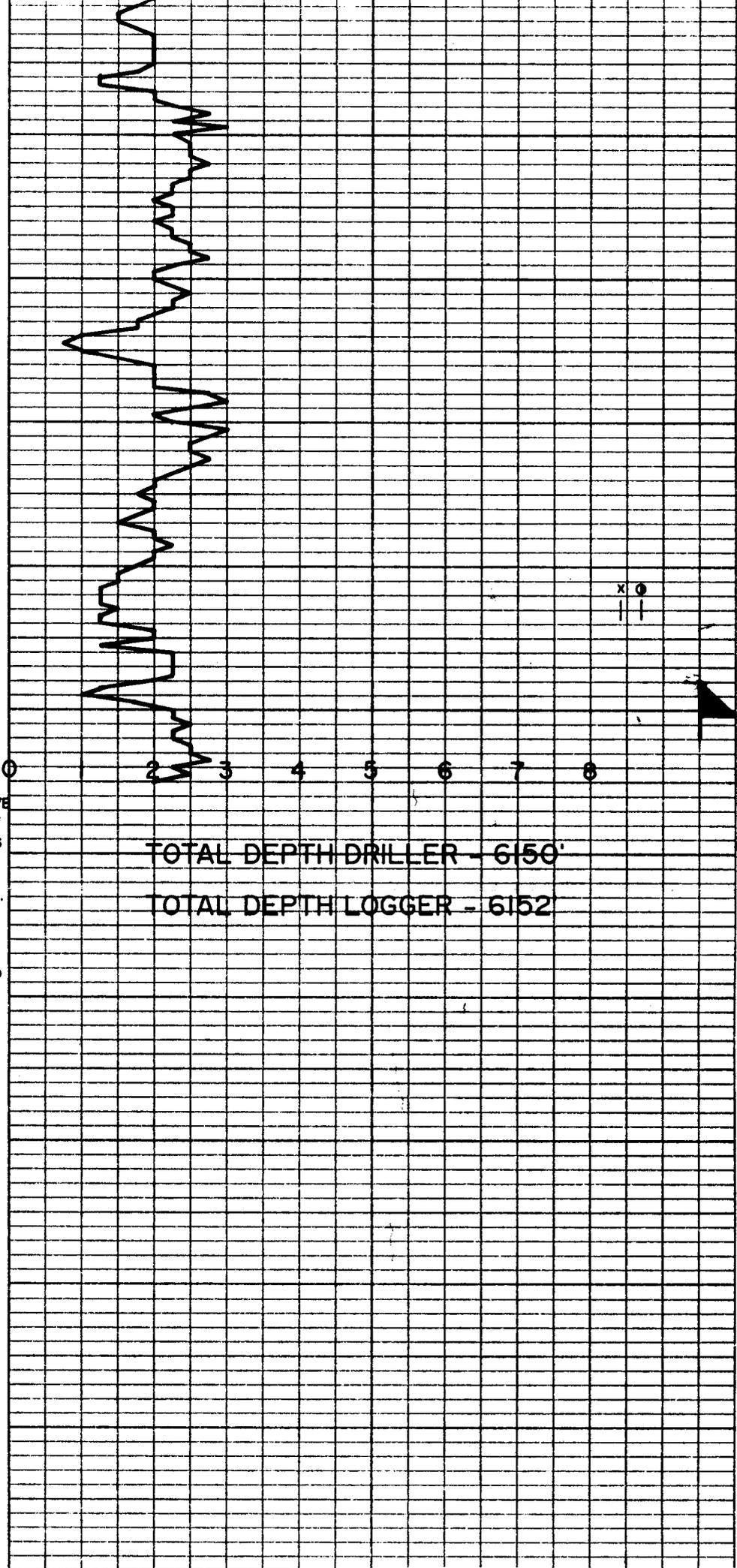
6000

MARKER





INTERPRETATIVE
 LITHOLOGIC &
 SAMPLE
 DESCRIPTIONS
 BASED ON
 SAMPLES
 CAUGHT BY
 MUD LOGGERS.
 GENERALLY
 TIE WELL TO
 DRILL TIME
 LOG.
 SEE REPORT
 FOR DETAILED
 DESCRIPTION
 OF SAMPLES.
 POROSITY &
 SHOWS



TOTAL DEPTH DRILLER - 6150'
 TOTAL DEPTH LOGGER - 6152'

WELL REPORT

43-047-32525

MONUMENT BUTTE

Balcron Oil 33-25 Federal

2097' FSL, 2067' FEL, Sec. 25, T8S-R17E

Uintah County, Utah

CONFIDENTIAL

By

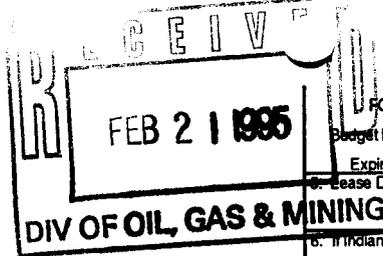
DENNIS REHRIG & ASSOCIATES, INC.

Oil & Gas Consulting

4924 Rimrock Road
Billings, Montana 59106

(406) 656-4785

MICROFICHE



FORM APPROVED
 Budget Bureau No. 1004-0135
 Expires: March 31, 1993
 Lease Designation and Serial No. U-67845
 6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well
 Oil Well Gas Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SURFACE: NW SE Section 25, T8S, R17E
 TD: 2096.9' FSL & 2067.3' FEL

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

8. Well Name and No.
 Balcron Monument Federal #33-25

9. API Well No.
 43-047-32525

10. Field and Pool, or Exploratory Area
 Undesignated / Green 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 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
	<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
	<input type="checkbox"/> Report of First Production

(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 on 2-13-95 @ 3:30 p.m.

Original: RLM - Vernal, Utah
 Copy: State of Utah, Division of Oil Gas & Mining

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

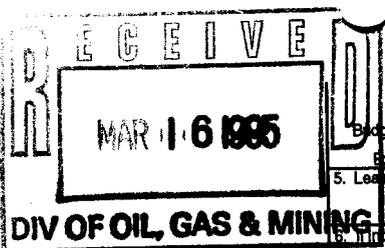
Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 2-15-95

(This space for Federal or State office use)

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

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

*See Instruction on Reverse Side



FORM APPROVED
 Budget Bureau No. 1004-0135
 Expires: March 31, 1993
 5. Lease Designation and Serial No. U-67845
 6. Indian, Allocated or Tribe Name

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 Oil Well Gas Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SURFACE: NW SE Section 25, T8S, R17E
 TD: 2096.9' FSL & 2067.3' FEL

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

8. Well Name and No.
 Balcron Monument Federal #33-25

9. API Well No.
 43-047-32525

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

11. County or Parish, State
 Uintah County, Utah

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

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

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

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

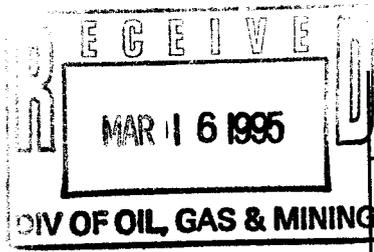
14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 3-10-95
(This space for Federal or State office use)

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

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

***See Instruction on Reverse Side**



FORM APPROVED
 Budget Bureau No. 1004-0135
 Expires: March 31, 1993
 5. Lease Designation and Serial No. U-67845
 6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

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 Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SURFACE: NW SE Section 25, T8S, R17E
 TD: 2096.9' FSL & 2067.3' FEL

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

8. Well Name and No.
Balcron Monument Federal #33-25

9. API Well No.
43-047-32525

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

11. County or Parish, State
Uintah County, Utah

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

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

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

Attached is the Site Security Diagram for this well.

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 3-10-95
 (This space for Federal or State office use)

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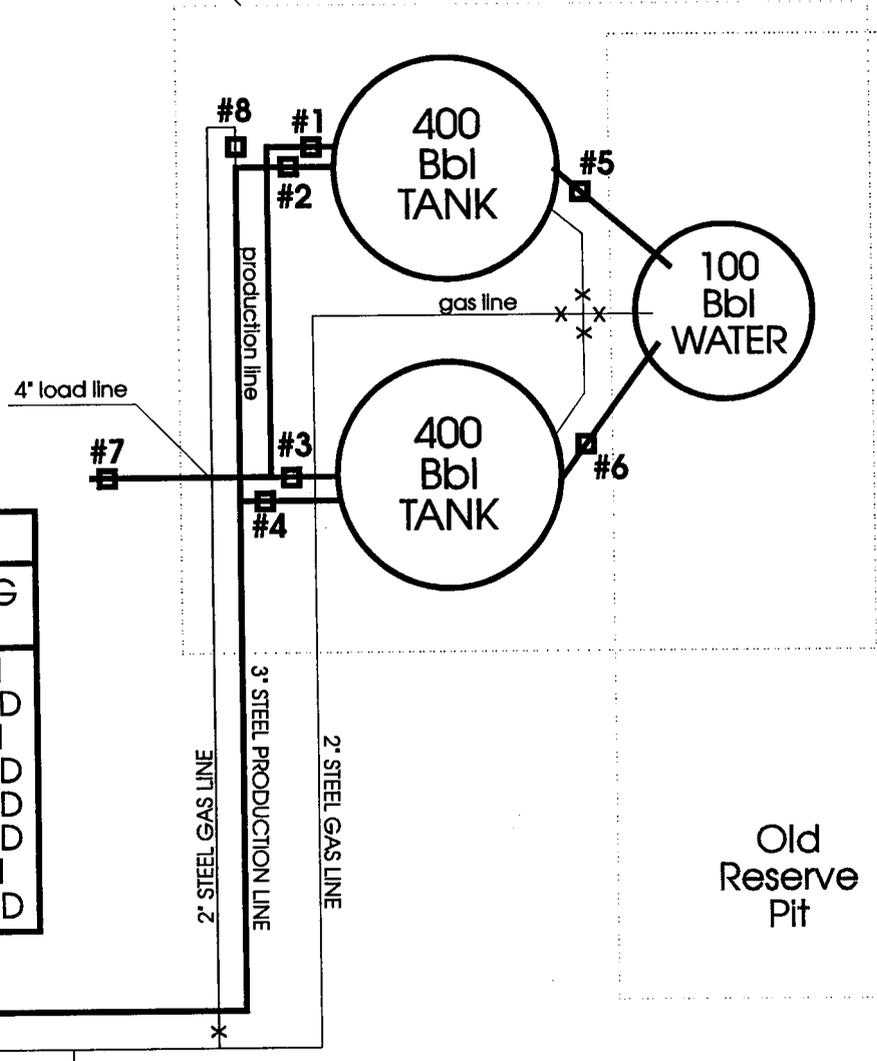
*See Instruction on Reverse Side

Equitable Resources Energy Company Balcron Monument Federal 33-25 Production Facility Diagram

Balcron Monument Federal 33-25
NW SE Sec. 25, T8S, R17E
Uintah County, Utah
Federal Lease #U-67845
2097' FSL, 2067' FEL

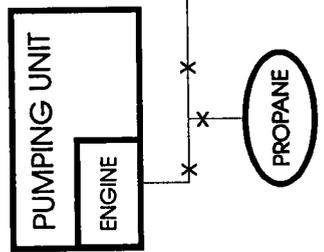


DIKE



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
VALVE #8	CLOSED	CLOSED

WELL HEAD



ACCESS ROAD

DIAGRAM NOT TO SCALE

3/10/95



Plan located at:
**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT IN DUPLICATE
(See other instructions on back)
MAR 16 1995
DIV OF OIL, GAS & MINING

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 2096.9' FSL & 2067.3' FEL
At top prod. interval reported below
At total depth

5. CASE DESIGNATION AND SERIAL NO.
U-67845

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. PERMIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Balcron Monument Federal

9. WELL NO.
#33-25

10. FIELD AND POOL, OR WILDCAT
Undesignated/Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
NW SE Section 25, T8S, R17E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. PERMIT NO. 43-047-32525
DATE ISSUED 9-23-94

15. DATE SPUDDED 1-12-95
16. DATE T.D. REACHED 1-20-95
17. DATE COMPL. (Ready to prod.) 2-13-95
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4971.5' GL
19. ELEV. CASINGHEAD n/a

20. TOTAL DEPTH, MD & TVD 6,150'
21. PLUG BACK T.D., MD & TVD 6097.15'
22. IF MULTIPLE COMPL., HOW MANY* n/a
23. INTERVALS DRILLED BY
ROTARY TOOLS SFC - TD
CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
5161' - 6026' Green River

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CBL - DLL - SCL/DSN MUD 1-25-95

27. WAS WELL CORED
No

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

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	271.9'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	6141.05'	7-7/8"	160 Super "G" w/additives & 400 sxs 50-50 POZ w/additives	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	6067.21' KB	n/a

31. PERFORATION RECORD (Interval, size and number)

5163'-5161' (1 hole)	5889'-5925' (2 SPF)
5170'-5180' (4 holes)	6021'-6026' (2 SPF)
5299'-5304' (2 holes)	
5312'-5320' (6 holes)	
5326'-5334' (2 holes)	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Please see attachment	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
2-13-95	1-1/2" Insert Pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-6-95	24	n/a	→	80.73	N.M.	0	N.M.

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a	→	80.73	N.M.	0	34

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

TEST WITNESSED BY
Dale Griffin

35. LIST OF ATTACHMENTS
Acid, shot, fracture, cement squeeze, etc.

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

SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE 3-13-95

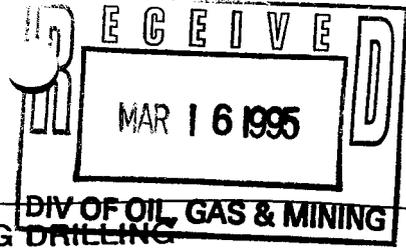
*(See Instructions and Spaces for Additional Data on Reverse Side)

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

38. GEOLOGIC MARKERS

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Balcron Monument Federal #33-25

API number: 43-047-32525

2. Well Location: QQ NW SE Section 25 Township 8S Range 17E County Uintah

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

Address: 1601 Lewis Avenue
Billings, MT 59102

Phone: (406) 259-7860

4. Drilling contractor: Union Drilling

Address: Drawer 40
Buckhamon, WY 26201

Phone: (304) 472-9037

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

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

6. Formation tops: See Geological Report submitted separately.

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

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

Date: 3-13-95

Name & Signature: Bobbie Schuman, Bobbie Schuman

Title: Regulatory and Environmental Specialist

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #33-25

Location: NW SE Section 25, T8S, R17E

Uintah County, Utah

2096.9' FSL, 2067.3' FEL

PTD: 6,150' Formation: Green River

Undesignated Field

Elevations: 4971.5' GL

Contractor: Union Drilling #17

Operator: Balcron/EREC

Spud: 1-12-95 @ 3:00 p.m.

Casing: 8-5/8", 24#, J-55 @ 271.90'

5-1/2", 15.5#, J-55 @ 6141.05' KB

Tubing: 2-7/8", 6.5#, J-55 @ 6067.21' KB

---TIGHT HOLE---

1-1/5-95 Work on road & location.

1-8-95 Install pit liner.

DC: \$15,641

1-13-95 TD: 285' (285') Day 1

Formation: Uintah

MW air & mist

Present Operation: WOC.

MIRU, set conductor pipe, NU air head. Spud well @ 3:00 p.m. 1-12-95. Drill surface hole, TOH, run 8-5/8" csg as follows:

Guide shoe .60'

1 jt 8-5/8", 24#, shoe jt 43.30'

Insert float

5 jts 8-5/8", 24#, J-55 218.00'

261.90'

Landing jt 10.00'

Csg landed @ 271.90'

WOC. Cmt by Western w/160 sxs Class "G" w/2% CCL & 1/4#/sx Cello-Seal. 5 bbls back to pit. Plug down @ 2:30 a.m.

DC: \$11,724

CC: \$27,365

1-14-95 TD: 850' (565') Day 2

Formation: Uintah

MW 8.4 VIS 26

Present Operation: Drilling

WOC. Install csg head, NU BOP, test BOP & manifold to 2000# - OK.

Test csg to 1500# - OK. TIH & drill cmt, drill & survey. Work on booster, change air head rubber & drill ahead.

DC: \$8,536

CC: \$35,901

1-15-95 TD: 2,196' (1,346') Day 3

Formation: Green River'

MW 8.5 VIS 26

Present Operation: Drilling

Drill, survey, & clean on rig. BGG - 10 to 15 units. CG - 200 to 220 units.

DC: \$17,650

CC: \$53,551

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #33-25

Location: NW SE Section 25, T8S, R17E
 Uintah County, Utah

---TIGHT HOLE---

- 1-16-95 TD: 3,312' (1,116') Day 4
 Formation: Green River
 MW 8.5 VIS 26
 Present Operation: Drilling
 Drill, survey, & clean on rig. About 2" snow. BGG - 6 to 8 unit,
 CG - 10 to 15 units.
 DC: \$14,975 CC: \$68,526
- 1-17-95 TD: 4,259' (947') Day 5
 Formation: 2nd Garden Gulch
 MW 8.5 VIS 26
 Present Operation: TOOH.
 Drill, survey, load hole w/fluid & circ. Start trip out. BGG 80-
 100 units, CG 350-400 units.
 DC: \$13,298 CC: \$81,824
- 1-18-95 TD: 4,800' (541') Day 6
 Formation: Yellow Zone
 MW 8.5 VIS 26
 Present Operation: Drilling
 Finish trip for bit #3. Drill survey, clean on rig & PU 1 drill
 collar. BGG 15-20 units, CG 100-120 units.
 DC: \$8,111 CC: \$89,935
- 1-19-95 TD: 5,465' (665') Day 7
 Formation: Red Zone
 MW 8.5 VIS 26 pH 10
 Present Operation: Drilling
 Drill, survey, & clean on rig. R-2 nothing. R-5 - good sand & oil
 show, gas 300 units, BGG 150-200 units.
 DC: \$9,630 CC: \$79,065
- 1-20-95 TD: 6,150' (685') Day 8
 Formation: Blue Zone
 MW 8.5 VIS 26 pH 10
 Present Operation: Circ for logs.
 Drill, survey, clean on rig, & circ for logs. B-1 Zone: 40' thick,
 good oil show. Gas up to 1200 units.
 DC: \$10,052 CC: \$109,617

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #33-25

Location: NW SE Section 25, T8S, R17E
 Uintah County, Utah

---TIGHT HOLE---

- 1-21-95 TD: 6,150' (0') Day 9
 Formation: Blue Zone
 Present Operation: RDMO.
 Circ for logs, TOOH, log well. TIH w/drill pipe & collras. LD pipe & collrs, change pipe, rams & test BOP. Run 5-1/2" csg as follows:
- | | |
|-----------------------------|----------|
| Guide Shoe | .60' |
| 1 jt 5-1/2", 15.5# Shoe jt | 42.30' |
| Float Collar | 1.00' |
| 146 jts 5-1/2", 15.5#, J-55 | 6088.15' |
| | 6132.05' |
| Landing jt | 9.00' |
| 5-1/2" csg landed @ | 6141.05' |
| PBTD @ | 6097.15' |
- Cmt by Western w/160 sxs Super "G", 47#/sx "G", 20#/sx POZ A, 17#/sx CSE, 3% salt, 2% gel, 2#/sx HiSeal2 & 1/4#/sx CelloSeal. Tail w/400 sxs 50-50 POZ w/2% gel & 1/4#/sx CelloSeal & 2#/sx HiSeal 2. Plug down @ 8 a.m. Set slips, ND BOP & clean mud tank. Release rig @ 12 noon.
 DC: \$64,737 CC: \$174,354
- 1-23-95 Completion
 MIRU Cannon Well Service rig #2. NU 5M well head, NU BOP. TIH w/4-3/4" bit, 5-1/2" csg scraper & 198 jts 2-7/8" tbg. Tag PBTD @ 6095'. Circ hole clean w/140 bbls 2% KCL wtr. TOOH w/tbg & tools.
 DC: \$18,759 CC: \$193,113
- 1-24-95 Completion
 RU Schlumberger to run CBL from PBTD to 200' above cmt top @ 2771' KB. Perf 5889'-5925', 6021'-26' (2 SPF). RD Schlumberger. TIH w/RBP retrieving tools, 2-3/8" x 4' sub, HD packer, 2-7/8" SN, & 192 jts 2-7/8" tbg. Set BP @ 5951' KB, set packer @ 5847' KB. RU Western to do KCL break down on 5889'-5925' w/3,612 gals 2% KCL wtr. ATP 3500, max 4800 psi. ATR 5 bpm, max 6.3 bpm. ISIP 1000 psi. Pump 4 balls/bbl. Reset BP @ 6074' KB, reset packer @ 6001' KB & do KCL break down on 6021'-26' w/1,764 gals 2% KCL wtr. ATP 3200 psi, max 5000 psi. ATR 5 bpm, max 6 bpm. ISIP 1400 psi. Pump 2 balls/bbl. RD Western. TOOH w/194 jts 2-7/8" tbg, packer, & retrieving tools. SWIFN. Load to recover 128 BW.
 DC: \$9,054 CC: \$202,167
- 1-25-95 Completion
 RU Western to frac 5889'-5925' & 6021'-26' w/93640# 20/40 mesh sand & 75,800# 16/30 mesh sand w/47,376 gals 2% KCL gelled wtr. ATR 1700 psi, max 2160 psi. ATR 38 bpm, max 40.8 bpm. ISIP 1750 psi, 5 min 1550 psi, 10 min 1440 psi, 15 min 1360 psi & 30 min 1220 psi.
 DC: \$49,837 CC: \$252,004

DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #33-25

Location: NW SE Section 25, T8S, R17E
Uintah County, Utah

---TIGHT HOLE---

- 1-26-95 Completion
 CP 780 psi, flow back 90 BW. TIH w/retrieving tools, 2-3/8" x 4' sub, HD packer, SN & tbg. Tag sand @ 5810' KB, circ down to 5930' KB, lot of gas & trace of oil coming back, circ down to BP@ 6074' KB. Set packer @ 5817' KB. Well started flowing @ rate of 1150 BPD. 10:30 a.m. flowing @ rate of 642 BPD w/trace oil & good gas. 12 noon flowing @ rate of 1752 BPD, estimate 5% oil, lot of gas, sand. 1 p.m. flowign @ rate of 1775 BPD, estimate 10% oil, lot of gas, sand. 4:30 p.m. flowing @ rate of 1200 BPD, estimate 10% oil, lot of gas, sand. Total wtr flowed back 440 bbls. Load to recover 801 BW. SDFN.
 DC: \$2,054 CC: \$254,058
- 1-27-95 Completion
 CP 0 psi, TP 540 psi. Open well & flow back 20 bbls fluid, good gas, light sand (20 BO, trace wtr). Flow back 5 BO, light sand, good gas. Could not get swab down, flush tbg w/30 bbls hot wtr. Made 14 swab runs, 1st run 5% oil, 14th run 60% oil. Recovered 72 bbls fluid, 37 BO, 35 BW, good gas, no sand. FL stable @ 1550' last 2 runs. Release packer, tag sand @ 6057' KB, pump 60 bbls wtr down csg to kill well after releasing packer. Circ down to BP @ 6074' KB. Reset BP @ 5393' KB. TOOH w/tbg & packer. SWIFN.
 DC: \$2,256 CC: \$256,314
- 1-30-95 Completion
 BP @ 5393' KB. RU Schlumberger & perf 5163'-61' (1 hole), 5170'-80' (4 holes), 5299'-5304' (2 holes), 5312'-20' (6 holes) & 5326'-34' (2 holes). RD Schlumberger. TIH w/retrieving tool, 2-3/8" x 4' sub, HD packer, SN & 2-7/8" tbg. Retrieve BP, reset BP @ 5214' KB, set packer @ 5091' KB. RU Western to break down on 5163'-66' & 5170'-80' w/2,058 gals 2% KCL wtr. ATP 2200 psi, max 3300 psi. ATR 4.2 bpm, max 4.3 bpm. ISIP 1000 psi. Pump 2 balls/bbl. Reset BP @ 5368' KB, set packer @ 5245' KB. Break down 5299'-5304', 5312'-20' & 5326'-34' w/2,226 gals 2% KCL wtr. ATP 2400 psi, max 4100 psi. ATR 5.2 bpm, max 5.8 bpm. ISIP 650 psi. Pump 2 balls/bbl. RD Western. TOOH w/tbg, packer & retrieving tool. Load to recover 102 BW.
 DC: \$7,996 CC: \$264,310
- 1-31-95 Completion
 BP @ 5368' KB. RU Western to frac 5163'-5334' w/95,000# 20/40 mesh sand and 78,000# 16/30 mesh sand w/54,558 gallons 2% KCL gelled wtr. ATP 2000 psi, max 3100 psi. ATR 34 bpm, max 34.3 bpm. ISIP 1480 psi, 5 min 1320 psi, 10 min 1220 psi, 15 min 1170 & 30 min 1110 psi. SWIFN.
 DC: \$49,124 CC: \$313,434

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #33-25

Location: NW SE Section 25, T8S, R17E

Uintah County, Utah

---TIGHT HOLE---

- 2/1/95 Completion
Open well up, flow back water w/heavy sand concentration. Estimated 800# sand. TIH w/retrieving tolk, 2-7/8" x 4' sub, HD packer, 2-7/8" SN & 171 jts 2-7/8" tubing. Tag sant at 5280' KB, 117' below top perfs. Circ. down to BP at 5293' KB. Set pkr @ 5104' KB. Made 29 swab runs, rec. 153 bbls fluid, heavy sand through run #11, light sand through run #29. @ BO, 151 BW. FL stable at 1400' last 5 runs. Trace oil run #12-#19. 1% oil run #20-#21. 3% oil run #22-#23. 5% oil run #24-29. SWIFN.
DC: \$2,183 CC: \$315,617
- 2-2-95 Completion
Made 46 swab runs, recovered 238 bbls of fluid, 33 BO & 205 BW. Good gas, no sand last 36 runs. FL stable @ 2100' last 5 runs. 40% oil last 4 runs. SWIFN.
DC: \$2,017 CC: \$317,634
- 2-3-95 Completion
FL @ surface, flow back 15 BO. Release packer, circ hole clean w/60 bbls 2% KCL wtr. Tagged sand @ 5370' KB, retrieve BP. Reset BP @ 5207' KB, set packer @ 5104' KB. Made 27 swab runs, recovered 139 bbls of fluid, no sand, 26 BO & 113 BW. Runs #1-#3: 100% wtr. Runs #4-#11: trace oil. Runs #12-#13: 5% oil. Runs #14-#15: 15% oil. Run #16-#18: 25% oil. Runs #19-#20: 30% oil. Runs #21-#22: 40% oil. Runs #23-#24: 45% oil. Runs #25-#26: 50% oil. Run #27 60% oil. FL stable @ 2200' last 4 runs. SWIFN.
DC: \$2,680 CC: \$320,314
- 2-4-95 Completion
Release packer, retrieve BP. Circ hole clean & TOOH w/tbg & tools. TIH w/tbg production string as follows:
- | | | |
|----------------------------------|----------|-------------|
| 1 jt 2-7/8" EUE J-55 8RD 6.5# | 30.78' | 6067.21' KB |
| 1 Perf sub 2-7/8" x 4' | 4.20' | 6036.43' KB |
| 1 SN 2-7/8" | 1.10' | 6032.23' KB |
| 30 jts 2-7/8" EUE J-55 8RD 6.5# | 927.72' | 6031.13' KB |
| 1 TA 2-7/8" x 5-1/2" | 2.35' | 5103.41' KB |
| 165 jts 2-7/8" EUE J-55 8RD 6.5# | 5091.06' | 5101.06' KB |
- ND BOP, ND 5M well head, NU 3M well head. Set TA w/22" tension. Pump 20 bbls 2% KCL wtr down tbg to kill well. TIH w/ rod production string as follows:
- 1 - BHP 2-1/2" x 1-1/2" x 16' RWAC w/PA plunger
 - 240 - 3/4" x 25' D-61 Plain Rods
 - 1 - 3/4" x 6' Pony
 - 1 - 1-1/4" x 22' Polish Rod
- Clamp rods off. Pressure test BHP & tbg 1000 psi - OK. RDMO.
DC: \$8,765 CC: \$329,079

DAILY OPERATING REPORTBALCRON MONUMENT FEDERAL #33-25

Location: NW SE Section 25, T8S, R17E

Uintah County, Utah

---TIGHT HOLE---

2-13-95 Started well pumping @ 3:30 p.m. 4 SPM, 73" stroke. Steve
Farnsworth is pumping.

Equitable Resources Energy Company
Balcron Oil Division

BALCRON MONUMENT FEDERAL #33-25
Attachment to Completion Report

<u>INTERVAL</u>	<u>AMOUNT AND KIND OF MATERIAL USED</u>
5889' - 5925'	Break down with 3,612 gallons 2% KCL water
6021' - 6026'	Break down with 1,764 gallons 2% KCL water
5163' - 5166' & 5170' - 5180'	Break down with 2,058 gallons 2% KCL water
5299' - 5334'	Break down with 2,226 gallons 2% KCL water
5889' - 6026'	Frac with 93,640# 20/40 mesh sand & 75,800# 16/30 mesh sand with 47,376 gallons 2% KCL gelled water
5163' - 5334'	Frac with 95,000# 20/40 mesh sand and 78,000# 16/30 mesh sand w/54,558 gallons 2% KCL gelled water

3-13-95

/mc



**EQUITABLE RESOURCES
ENERGY COMPANY**

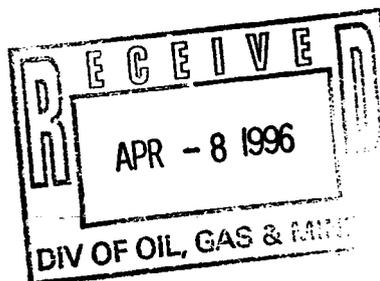
BALCRON OIL DIVISION

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
1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: See attached listing	8. Well Name and Number: See attached listing
2. Name of Operator: Equitable Resources Energy Company, Balcron Oil Division	9. API Well Number: See attached listing
3. Address and Telephone Number: 1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860	10. Field and Pool, or Wildcat: See attached listing
4. Location of Well Footage: See attached listing	County: See attached list
OO, Sec., T., R., M.:	State: UTAH

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

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

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.

MAR 28 1996

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

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

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

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

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

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

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone (406) <u>259-7860</u>	phone (406) <u>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>047-32525</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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

ENTITY REVIEW

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

BOND VERIFICATION (Fee wells only) # 5578314 (\$80,000) Scheco 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

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

FILING

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

COMMENTS

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

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 3 / 96

AMENDED REPORT (Highlight Changes)

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

COMMENTS: _____

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

Name and Signature: _____ Telephone Number: _____

UTAH

Balcron Monument Fed. #32-1J	Monument Butte	SW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31414	2143' FNL, 1987' FEL	Vernal	Jonah
Balcron Monument Fed. #32-25	Undesignated	SW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32524	1980' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #33-11J	Monument Butte	NW SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-31451	1971' FSL, 2032' FEL	Vernal	Jonah
Balcron Monument Fed. #33-25	Undesignated	NW SE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32525	2097' FSL, 2067' FEL	Vernal	
Balcron Monument Fed. #33-6	Monument Butte	NW SE	6	9S	17E	Duchesne	UT	WW	Green River	U-020252-A	43-013-31361	1832' FSL, 1829' FEL	Vernal	Jonah
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #34-10J	Monument Butte	SW SE	10	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31416	592' FSL, 1979' FEL	Vernal	Jonah
Balcron Monument Fed. #34-25	Undesignated	SW SE	25	8S	17E	Uintah	UT	PND	Green River	U-67845		800' FSL, 2100' FEL	Vernal	
Balcron Monument Fed. #34-7	Monument Butte	SW SE	7	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31426	810' FSL, 1736' FEL	Vernal	
Balcron Monument Fed. #41-12J	Monument Butte	NE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-44426		395' FNL, 476' FEL	Vernal	Jonah
Balcron Monument Fed. #41-14J	Monument Butte	NE NE	14	9S	16E	Duchesne	UT	WW	Green River	U-096550	43-013-31408	363' FNL, 600' FEL	Vernal	Jonah
Balcron Monument Fed. #41-15	Monument Butte	NE NE	15	9S	16E	Duchesne	UT	WW	Green River	U-017985	43-013-31367	460' FNL, 500' FEL	Vernal	Jonah
Balcron Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
Balcron Monument Fed. #41-26	Monument Butte	NE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845	43-047-32456	660' FNL, 500' FEL	Vernal	
Balcron Monument Fed. #42-11J	Monument Butte	SE NE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-30066	1992' FNL, 496' FEL	Vernal	Jonah
Balcron Monument Fed. #42-12J	Monument Butte	SE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521	43-013-31486	2550' FNL, 391' FEL	Vernal	Jonah
Balcron Monument Fed. #42-14J	Monument Butte	SE NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096550	43-013-21491	1882' FNL, 773' FEL	Vernal	Jonah
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
Balcron Monument Fed. #42-18	Monument Butte	SE NE	18	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31433	1800' FNL, 800' FEL	Vernal	
Balcron Monument Fed. #42-1J	Monument Butte	SE NE	1	9S	16E	Duchesne	UT	WW	Green River	U-40652	43-013-31404	2087' FNL, 692' FEL	Vernal	Jonah
Balcron Monument Fed. #42-26	Undesignated	SE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		2100' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #42-6	Monument Butte	SE NE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31364	1806' FNL, 921' FEL	Vernal	Jonah
Balcron Monument Fed. #43-11J	Monument Butte	NE SE	11	9S	16E	Duchesne	UT	WW	Green River	U-096550	43-013-31002	2127' FSL, 693' FEL	Vernal	Jonah
Balcron Monument Fed. #43-26	Undesignated	NE SE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		1880' FSL, 379' FEL	Vernal	
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
Balcron Monument Fed. #44-1J	Monument Butte	SE SE	1	9S	16E	Duchesne	UT	WIW	Green River	U-44426	43-013-31415	338' FSL, 859' FEL	Vernal	Jonah
Balcron Monument State #12-2	Undesignated	SW NW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31481	1980' FNL, 660' FWL		
Balcron Monument State #13-2	Undesignated	NW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31482	2210' FSL, 604' FWL		
Balcron Monument State #14-2	Undesignated	SW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31425	513' FSL, 787' FWL		
Balcron Monument State #21-2-9-17	Undesignated	NE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32703	821' FNL, 2187' FWL		
Balcron Monument State #22-2	Undesignated	SE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32610	1980' FNL, 1980' FWL		
Balcron Monument State #23-2	Undesignated	NE SW	2	9S	17E	Uintah	UT	WSW	Green River	ML-45555	43-047-32613	1980' FSL, 1980' FWL		
Balcron Monument State #24-2	Undesignated	SE SW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32612	660' FSL, 1980' FWL		
Balcron Monument State #32-2	Undesignated	SW NE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32609	1980' FNL, 1980' FEL		
Balcron Monument State #34-2	Undesignated	SW SE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32611	800' FSL, 1980' FEL		

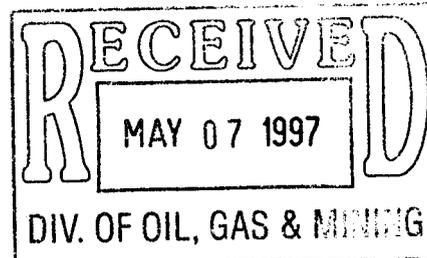


ERI

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

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

May 5, 1997



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

Gentlemen:

Enclosed for your files are site security diagrams for the following wellsites:

Pomco #2
Monument Federal #33-25 43-047-32525
Paiute Federal #11-17
Monument State #11-36-8-17Y

Sincerely,

Bobbie Schuman

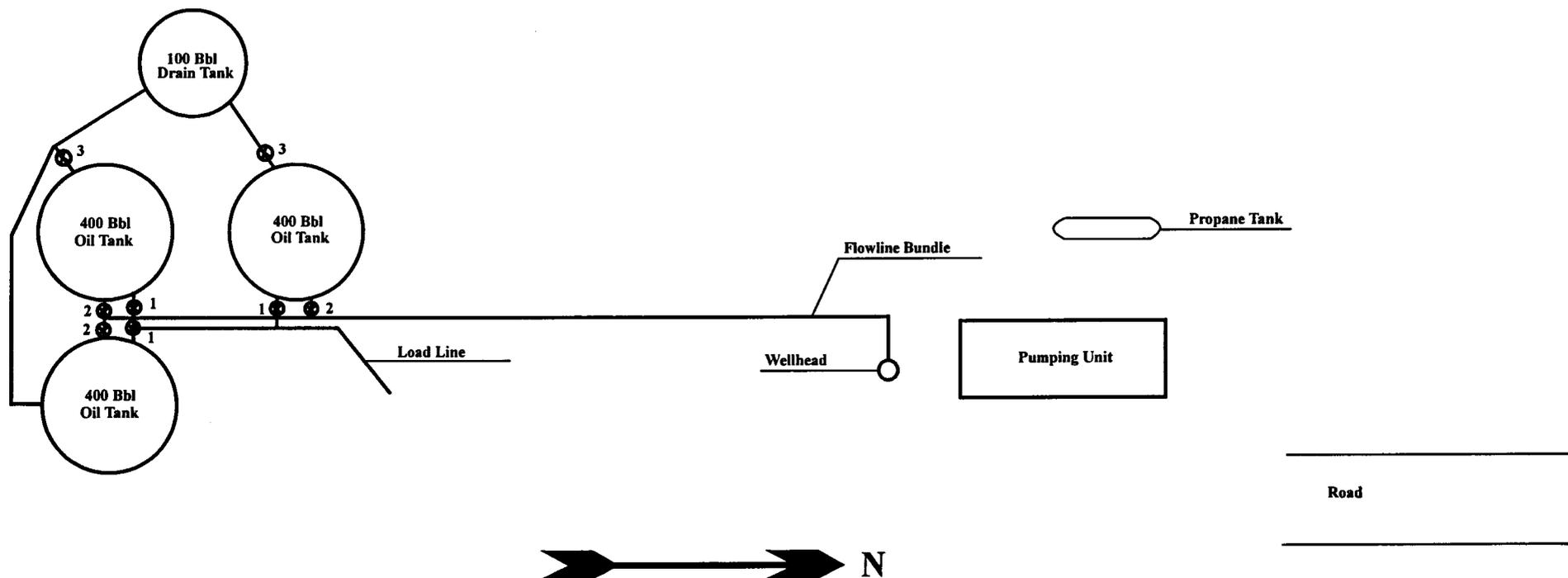
Bobbie Schuman
Regulatory and Environmental Specialist

/hs
Enclosures

cc: State of Utah; Division of Oil, Gas, and Mining

Equitable Resources Energy Company
 Monument Federal 33-25
 Production Facility Diagram

Monument Federal 33-25
 NW SE Sec 25, T8S, R17E
 Lease # U-67845
 Uintah County, UT



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

Diagram not to Scale



PLAN LOCATED AT:

**EQUITABLE RESOURCES
 ENERGY COMPANY**
 Western Region

1601 Lewis Avenue
 Billings, MT 59102
 (406) 239-7860

May 1, 1997

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number: See Attached
6. If Indian, Alottee 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

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.)

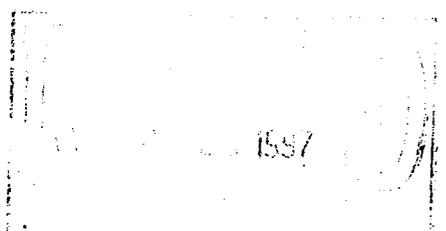
Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :
Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

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 10 1997

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

This space for State use only)



INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ HENDEL FEDERAL #1-17	NENW 179S 19E	UINTA	UT	PARIETTE BENCH	43-047-30059-00	UTU017991	
✓ HENDEL FEDERAL #3-17	SWNW 179S 19E	UINTA	UT	PARIETTE BENCH	43-047-30074-00	UTU017991	
PARIETTE BENCH #4 (SWD)	SWSE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15681-00	UTU017992	8910069630
✓ PARIETTE BENCH FEDER #14-5	SWSW 5 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31123-00	UTU017992	
✓ PARIETTE BENCH FEDER #41-7	NENE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31584-00		8910069630
✓ PARIETTE BENCH FEDER #32-6	SWNE 6 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31554-00	UTU50385	
✓ PARIETTE BENCH FEDER #43-6	NESE 6 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-31616-00	UTU017992	
✓ PARIETTE BENCH UNIT #2	SWNE 7 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-15680-00		8910069630
✓ FEDERAL #22-25	SE NW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32008-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED #24-25	SE SW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32669-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED #34-25	SW SE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32670-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #21-25	NENW 258S 17E	DUCHESNE	UT	UNDESIGNATED (H)	43-047-32528-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #12-25	SWNW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32526-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #23-25	NESW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32529-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #31-25	NWNE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32530-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #32-25	SWNE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32524-00	UTU67845	UTU76189X
✓ MONUMENT BUTTE FED. #33-25	NWSE 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32525-00	UTU67845	UTU76189X
✓ MONUMENT FEDERAL #11-25	NWNW 258S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32455-00	UTU67845	UTU76189X
✓ PARIETTE DRAW FED. #8-23	SE NE 238S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32676-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #9-23	NESE 238S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-31543-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #12-24	SWNW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32713-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #13-24	NWSW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32546-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #14-24	SWSW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32645-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #23-24-8-17	NE SW 248S 17E	UINTAH	UT	MONUMENT BUTTE (H)	43-047-32710-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #24-24	SESW 248S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32646-00	UTU45431	UTU76189X
✓ PARIETTE FEDERAL #34-24	SWSE 248S R17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32506-00	UTU45431	UTU76189X



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*.

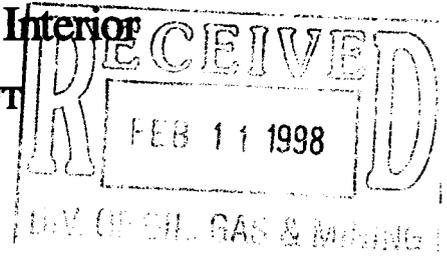
NOTE: *Here is the letter you requested.
Call if you need anything
further.*



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
UT-931

February 10, 1998

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

Re: Humpback (Green River) Unit
Uintah County, Utah

Gentlemen:

On February 10, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Humpback (Green River) Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 10, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Humpback (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Humpback (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Humpback (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron/Fluid Chron
U-931:TAThompson:tt:2/10/98

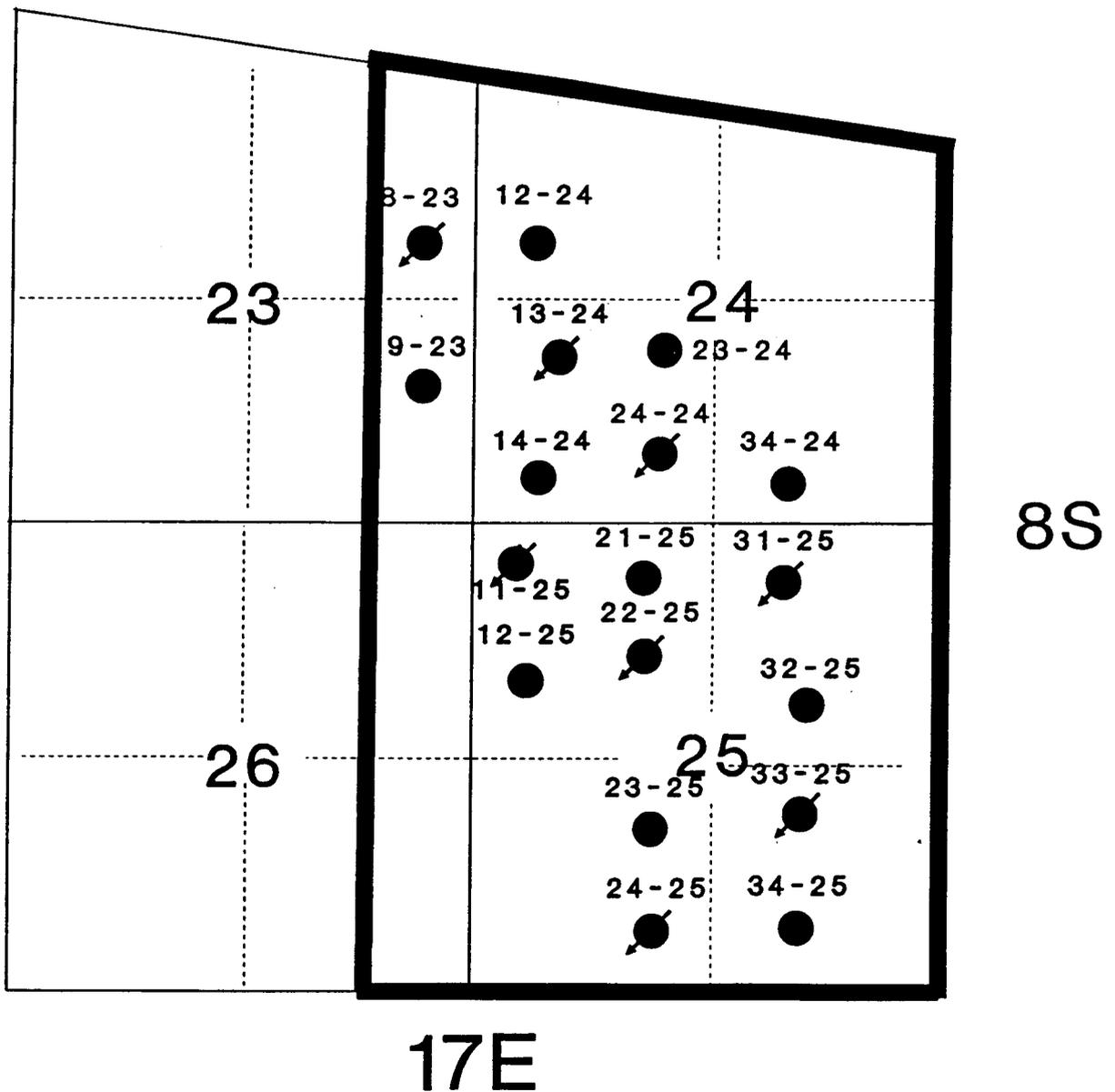
Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator	
** Inspection Item: UTU76189X									
UTU67845	4304732455	11-25	NWNW	25	T	8S	R17E	OSI	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732713	12-24	SWNW	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732526	12-25	SWNW	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732645	14-24	SWSW	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732528	21-25	NENW	25	T	8S	R17E	OSI	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732008	22-25 FEDERAL	SENW	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732529	23-25	NESW	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732646	24-24	SESW	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732669	24-25	SESW	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732530	31-25 FEDERAL	NWNE	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732524	32-25 MONUMENT BUTTE	SWNE	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732525	33-25	NWSE	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732506	34-24	SWSE	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU67845	4304732670	34-25	SWSE	25	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304731543	9-23 PARIETTE DRAW	NESE	23	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732676	PARIETTE DRAW 8-23	SENE	23	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732546	PARIETTE FED 13-24	NWSW	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO
UTU45431	4304732710	PARIETTE FED 23-24	NESW	24	T	8S	R17E	POW	EQUITABLE RESOURCES ENERGY CO

HUMPBACK (GREEN RIVER) UNIT

Uintah County, Utah

EFFECTIVE: JANUARY 1, 1997



— UNIT OUTLINE (UTU76189X)

1,468.47 ACRES

SECONDARY
ALLOCATION
FEDERAL 100.00%

OPERATOR CHANGE WORKSHEET

1-LEC	6-MS
2-GLH	7-KAS
3-DTS	8-SIL
4-VLD	9-FILE
5-JRB	

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: 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 SVS'S</u>
	Phone: <u>(435) 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: **HUMPSACK (GREEN RIVER) UNIT**

Name: **SEE ATTACHED**	API: <u>43-047-32525</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 10-13-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal and Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System (3270)** for each well listed above. *(2-13-98)*
- lec 6. **Cardex** file has been updated for each well listed above. *(2-18-98)*
- lec 7. **Well file labels** have been updated for each well listed above. *(2-18-98)*
- 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. *(2-13-98)*
- 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

- Lee 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.
12053 previously assigned "Humpback (GP) Unit".
- 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/ Lee 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

- 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.
- 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

- VB 1. All attachments to this form have been microfilmed. Today's date: 3.20.98.

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

980211 BLM/SL Aprv. eff. 2-10-98.

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

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

UTAH ACCOUNT NUMBER: N9890

REPORT PERIOD (MONTH/YEAR): 12 / 97

AMENDED REPORT (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 43-7			GRRV					
4301331432	11880	09S 17E 7						
MONUMENT FEDERAL 32-17			GRRV					
4301331465	11880	09S 17E 17						
MONUMENT FEDERAL 41-17			GRRV					
4301331466	11880	09S 17E 17						
MONUMENT STATE 23-16-9-17B			GRRV					
4301331578	11880	09S 17E 16						
MONUMENT FEDERAL 23-17-9-17B			GRRV					
4301331582	11880	09S 17E 17						
PARIETTE DRAW FED 9-23			GRRV			445431	Humpback (CP)	Unit
4304731543	12053	08S 17E 23						
FEDERAL 22-25'			GRRV			467845	"	
4304732008	12053	08S 17E 25						
MONUMENT FEDERAL 11-25			GRRV			467845	"	
4304732455	12053	08S 17E 25						
PARIETTE FEDERAL 34-24			GRRV			445431	"	
4304732506	12053	08S 17E 24						
MONUMENT FEDERAL 32-25			GRRV			467845	"	
4304732524	12053	08S 17E 25						
BALCRON MONUMENT FEDERAL 33-25			GRRV			467845	"	
4304732525	12053	08S 17E 25						
MONUMENT FEDERAL 12-25			GRRV			"	"	
4304732526	12053	08S 17E 25						
BALCRON MONUMENT FEDERAL 21-25			GRRV			"	"	
4304732528	12053	08S 17E 25						
TOTALS								

COMMENTS: _____

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

Name and Signature: _____ Telephone Number: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-67845

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

HUMPBACK (GR RVR)

8. Well Name and No.

BALCRON MONUMENT FEDERAL 33-25

9. API Well No.

43-047-32525

10. Field and Pool, or Exploratory Area

PARIETTE DRAW

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)

2097 FSL 2067 FEL NE/SE Section 25, T08S R17E
NW

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

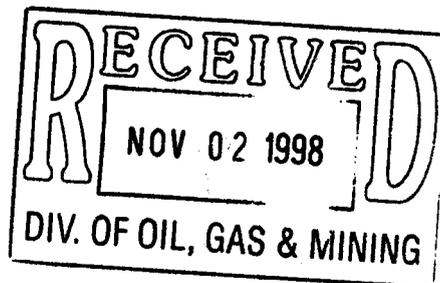
TYPE OF ACTION

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

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

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

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



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

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/30/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

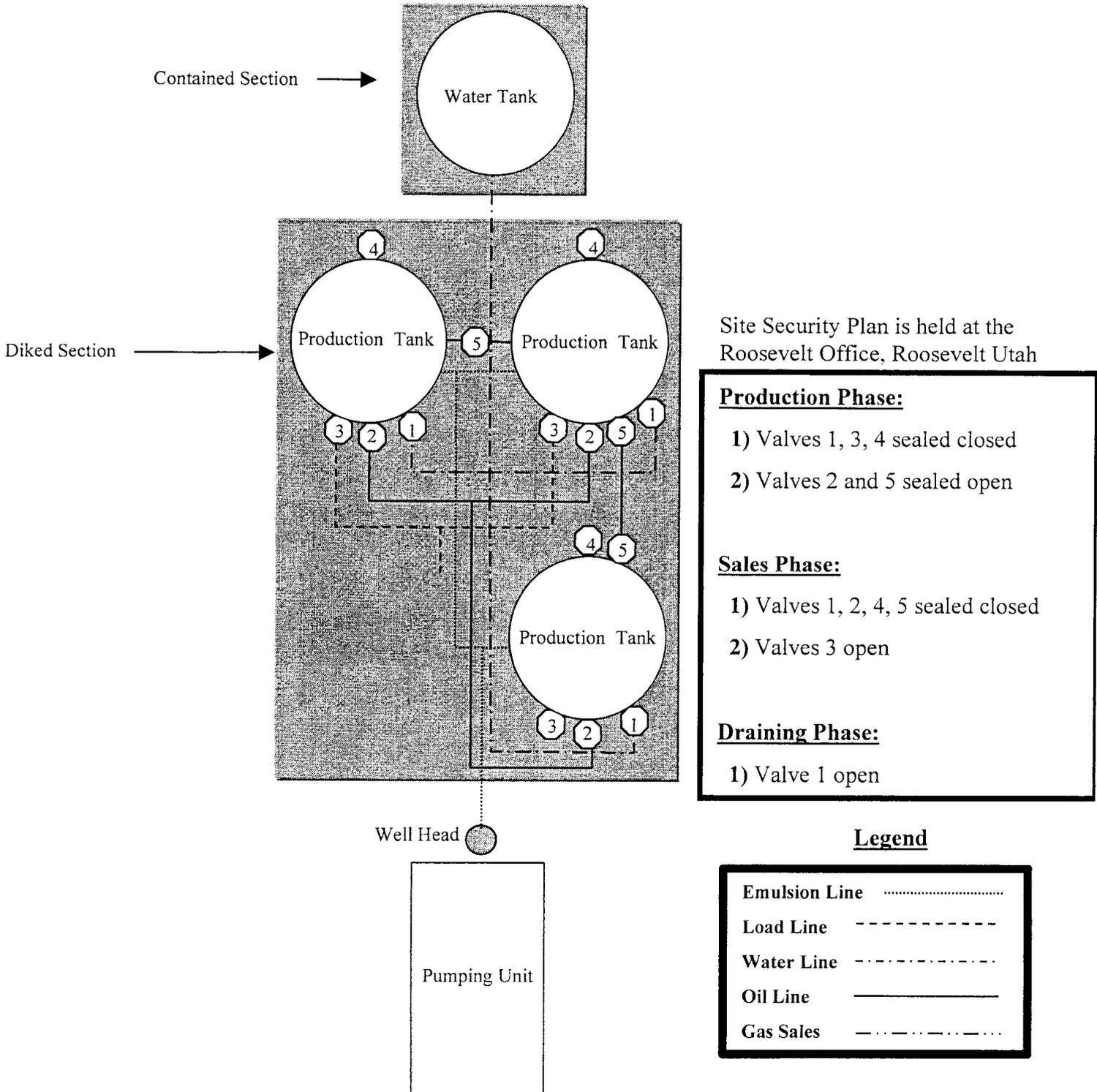
Inland Production Company Site Facility Diagram

Monument Federal 33-25

NW/SE Sec. 25, T8S, 17E

Uintah County

Sept. 17, 1998



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-67845

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
HUMPBAC (GR RVR)

8. Well Name and No.
BALCRON MON FED 33-25

9. API Well No.
43-047-32525

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2097 FSL 2067 FEL NE/SE Section 25, T8S R17E

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

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

Subject well had recompletion procedures initiated in the Green River formation on 9/23/02. Existing production equipment was pulled from well. A bit & scraper was ran in well. Well was cleaned out to PBTD @ 6099'. Three new Green River intervals were perforated and hydraulically fracture treated as follows: Stage #1: CP .5 sds @ 5790'-5793'; CP1 sds @ 5800'-5822' & 5847'-5856' and CP2 sds @ 5861'-5864' (all 4 JSPF) fraced down 2 7/8 N-80 tbg W/ 89,500# 20/40 mesh sand in 693 bbls Viking I-25 fluid. Stage #2: D2 sds @ 5025'-5030' (4 JSPF) fraced down 5 1/2" 15.5# casing W/ 21,000# 20/40 mesh sand in 255 bbls Viking I-25 fluid. Stage #3: GB2 sds @ 4382'-4390' and PB7 sds @ 4604'-4610' (all 4 JSPF) fraced down 5 1/2" 15.5# casing W/ 60,200# 20/40 mesh sand in 472 bbls Viking I-25 fluid. All fracs were flowed back through chokes. New intervals were swab tested for sand cleanup. Frac tbg & tools were pulled from well. A revised BHA & production tbg were ran and anchored in well W/ tbg anchor @ 5783', pump seating nipple @ 5912' and end of tubing string @ 5976'. A repaired rod pump and revised rod string was ran in well. Well returned to production via rod pump on 9/30/02.

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

Signed *Gary Dietz* Title Completion Foreman Date 10/1/2002
 Gary Dietz

RECEIVED

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title OCT 03 2002 Date _____

DIVISION OF OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

CA No. Unit: HUMPBACK (GREEN RIVER)

WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
PARIETTE DRAW FED 9-23	23	080S	170E	4304731543	12053	Federal	WI	A
PARIETTE DRAW FED 8-23	23	080S	170E	4304732676	12053	Federal	OW	P
PARIETTE FED 34-24	24	080S	170E	4304732506	12053	Federal	WI	A
PARIETTE FED 13-24	24	080S	170E	4304732546	12053	Federal	OW	P
PARIETTE FED 14-24	24	080S	170E	4304732645	12053	Federal	WI	A
PARIETTE FED 24-24	24	080S	170E	4304732646	12053	Federal	OW	P
PARIETTE FED 23-24	24	080S	170E	4304732710	12053	Federal	WI	A
PARIETTE FED 12-24	24	080S	170E	4304732713	12053	Federal	WI	A
FEDERAL 22-25	25	080S	170E	4304732008	12053	Federal	OW	P
MONUMENT FED 11-25	25	080S	170E	4304732455	12053	Federal	OW	P
MON FED 32-25	25	080S	170E	4304732524	12053	Federal	WI	A
BALCRON MON FED 33-25	25	080S	170E	4304732525	12053	Federal	OW	P
MON FED 12-25	25	080S	170E	4304732526	12053	Federal	WI	A
BALCRON MON FED 21-25	25	080S	170E	4304732528	12053	Federal	WI	A
MONUMENT FED 23-25	25	080S	170E	4304732529	12053	Federal	WI	A
MONUMENT FED 31-25	25	080S	170E	4304732530	12053	Federal	OW	P
BALCRON MON FED 24-25	25	080S	170E	4304732669	12053	Federal	OW	P
BALCRON MON FED 34-25	25	080S	170E	4304732670	12053	Federal	WI	A
HUMPBACK U 1A-26-8-17	26	080S	170E	4304734160	12053	Federal	OW	P
HUMPBACK U 8-26-8-17	26	080S	170E	4304734161	12053	Federal	OW	P

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



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

RECEIVED
NOV 17 2009

Ref: 8P-W-GW

NOV 09 2009

DIV. OF OIL, GAS & MINING

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, CO 80202

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

RE: Additional Well to Humpback Area Permit
Additional Testing Required on Injection Well
UIC Permit No. UT20852-00000
Well ID: UT20852-08502
Well: Balcron Monument Federal 33-25-8-17
2097' FSL & 2067' FEL
NWSE Sec. 25-T8S-R17E
Uintah County, Utah
API No.: 43-047-32525

Dear Mr. Sundberg:

The Newfield Production Company's (Newfield) request to convert the former Green River Formation oil well Balcron Monument Federal 33-25-8-17 to an enhanced recovery injection well under the Humpback Area Permit is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization for Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Humpback Area Permit No. UT20852-00000 and subsequent modifications.

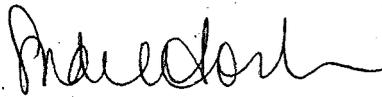
Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 4,009 feet and the top of the Wasatch Formation, estimated to be at 6,297 feet in the Balcron Monument Federal 33-25-8-17 well.

Prior to receiving authorization to inject, EPA requires that Newfield submit for review and approval: (1) the results of a Part 1 (Internal) mechanical integrity test (MIT), (2) a pore pressure calculation of the injection interval, (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram and (4) the results of a radioactive tracer survey conducted during the 180-day period of Limited Authorization to Inject.

The initial Maximum Allowable Injection Pressure (MAIP) for the Balcron Monument Federal 33-25-8-17 well was determined to be 910 psig. UIC Area Permit UT20852-00000 provides the opportunity for the permittee to request a change in the MAIP based upon results of a step rate test that demonstrates the minimum formation breakdown pressure.

If you have any questions, please call Jason Deardorff at (303) 312-6583 or 1-(800)-227-8917 (Ext. 312-6583). Please submit the required data to ATTENTION: Sarah Bahrman, at the letterhead address, citing MAIL CODE: 8P-W-GW very prominently.

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Encl: Authorization for Additional Well
EPA Form No. 7520-12 (Well Rework Record)
Wellbore and P&A diagrams for Balcron Monument Federal 33-25-8-17

cc: Permit Letter:
Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Ronald Groves, Councilman.
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

All Enclosures:

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 WYNKOOP STREET

DENVER, CO 80202-1129

Phone 800-227-8917

http://www.epa.gov/region08

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit No: UT20852-00000

The Humpback Unit Final UIC Area Permit No. UT20852-00000, effective October 8, 1998, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On August 11, 2009, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

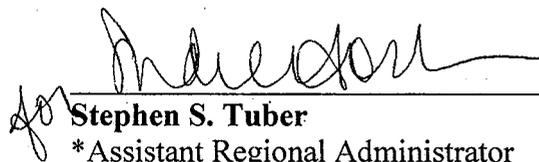
Well Name: **Balcron Monument Federal 33-25-8-17**
EPA Well ID Number: **UT20852-08502**
Location: **2097' FSL & 2067' FEL
NWSE Sec. 25 T8S-R17E
Uintah County, Utah
API #43-047-32525**

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20852-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20852-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: NOV 09 2009


for **Stephen S. Tuber**

***Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance**

** The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20852-00000
Well: Balcron Monument Federal 33-25-8-17 EPA Well ID: UT20852-08502

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Balcron Monument Federal 33-25-8-17**
EPA Well ID Number: **UT20852-08502**

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram.
2. Pore pressure calculation of the proposed injection zone;
3. A successful Part I (internal) Mechanical Integrity test (MIT)

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested.

A successful RTS will be considered a valid confirmation that cementing records show adequate cement to prevent the upward migration of injection fluids from the injection zone at injection pressures up to the MAIP, until one of the following events occurs, at which time a subsequent RTS is required:

- a) If the submitted RTS is determined to be inconclusive or inadequate by EPA
- b) If the MAIP of the injection well is exceeded for any reason (*It is a violation to exceed the MAIP without prior EPA approval*)
- c) If new injection perforations are added to the injection well, either through the creation of new perforations or the adjustment of the packer depth to inject into a set of existing perforations that were previously inactive
- d) If the injection formation is acid-treated, hydraulically stimulated, or stimulated by any other method through the injection well, which may affect the cement integrity of the well
- e) If the Director requests that a RTS be run for any reason

A submitted RTS which indicates the movement of fluid behind casing from the injection zone will result in a requirement to demonstrate Part II Mechanical Integrity using an approved Part II demonstration method such as a temperature log, oxygen activation log, or noise log at a frequency no less than once every five years.

Approved Injection Zone: Injection is approved between the top of the Garden Gulch Member of the Green River Formation at 4,009 feet (ft.) to the top of the Wasatch Formation, at an estimated depth of 6,297 ft. (KB).

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 910 psig, based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where}$$

FG = 0.64 psi/ft SG = 1.015 D = 4,550 ft. (top perforation depth KB)

Initial MAIP = 910 psig

UIC Area Permit No. UT20852-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a Step Rate Test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However, cementing records, including the cement bond log, have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved; the packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of Part I (Internal) Mechanical Integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (External) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 that has been approved by EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.6 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- PLUG NO. 1: Set a cast iron bridge plug (CIBP) no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.
- PLUG NO. 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Bench from approximately 3,123 to 3,283 ft. (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 160-foot balanced cement plug inside the 5-1/2" casing from approximately 3,123-3,283 ft. (KB).
- PLUG NO. 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uinta Formation and Green River Formation at 1,667 ft. (KB), from approximately 1,607 to 1,727 ft., unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2" casing from approximately 1,607-1,727 ft. (KB).
- PLUG NO. 4: Set a Class "G" cement plug within the 5-1/2" casing from 322 ft. and up the 5-1/2" x 8-5/8" casing annulus to the surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Balcron Monument Federal 33-25-8-17**
EPA Well ID Number: **UT20852-08502**

Underground Sources of Drinking Water (USDWs): USDWs in the Humpback Unit Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 231 ft. below ground surface in the Balcron Monument Federal 33-25-8-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well.

http:NRWRT1.NR.STATE.UT.US: There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

Composition of Source, Formation, and Injectate Water: The Total Dissolved Solids (TDS) content of water produced from the Garden Gulch and Douglas Creek Members of the Green River Formation was determined to be 7,914 mg/l on May 7, 2009. Due to nearby injection activity for the purpose of enhanced oil recovery, this TDS value may not be representative of the original TDS content of Green River Formation waters at or near the Balcron Monument Federal 33-25-8-17 well.

The TDS content of injectate was determined to be 1,831 mg/l on January 7, 2009. The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District blended with produced Green River Formation water resulting in a TDS content less than 10,000 mg/l.

Aquifer Exemption: An area-wide aquifer exemption issued with the original Humpback Area permit was modified on September 8, 2000 to include the Garden Gulch, Douglas Creek, and Basal Carbonate Members within the 1/4-mile radius of the Balcron Monument Federal 33-25-8-17 well.

Confining Zone: The Confining Zone, which directly overlies the Garden Gulch Member of the Green River Formation, is approximately 179 ft. of shale between the depths of 3,830 ft. and 4,009 ft. (KB).

Injection Zone: The Injection Zone at this well location is approximately 2,288 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 4,009 ft. (KB) to the top of the Wasatch Formation which is estimated to be at 6,297 ft. (KB). Formation tops are either submitted by the operator or are based on correlations to the Newfield Production Federal 1-26-8-17 (UT20702-04671) Type Log.

Well Construction: The CBL does not show a sufficient interval of continuous 80 percent or greater cement bond index through the Confining Zone (3,830 to 4,009 ft. KB). Therefore, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

Surface Casing: 8-5/8" casing is set at 272 ft. (KB) in a 12-1/4" hole, using 160 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 6,141 ft. (KB) in a 7-7/8" hole secured with 560 sacks of cement. Total driller depth is 6,150 ft. Plugged back total depth is 6,099 ft. Estimated top of cement from CBL is 2,772 ft.

Perforations: Top perforation: 4,382 ft. Bottom perforation: 6,026 ft. (KB)

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following seven wells that penetrate the confining zone within or proximate to a 1/4-mile radius around the Balcron Monument Federal 33-25-8-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Balcron Monument Federal 32-25-8-17	API: 43-047-32524	SWNE Sec. 25-T8S-R17E
Federal M-25-8-17	API: 43-047-39972	SWNW Sec. 25-T8S-R17E
Monument Federal 23-25-8-17	API: 43-047-32529	NESW Sec. 25-T8S-R17E
Humpback 9-25-8-17	API: 43-047-34487	NESE Sec. 25-T8S-R17E
Humpback R-25-8-17	API: 43-047-39973	SESW Sec. 25-T8S-R17E
Federal S-25-8-17	API: 43-047-40018	SESE Sec. 25-T8S-R17E
Balcron Monument Federal 34-25-8-17	API: 43-047-32670	NWSE Sec. 6-T9S-R17E

No Corrective Action Required on AOR wells:

Balcron Monument Federal 32-25-8-17: Operator reports Top of Cement (TOC) to be at 2,618 ft. EPA calculates TOC from well completion reports to be 1,587 ft. The top of the Confining Zone (CZ) is expected at approximately 3,830 ft. in this well.

Federal M-25-8-17: Operator reports TOC to be at 224 ft. EPA calculates TOC from well completion reports to be 1,538 ft. The top of the CZ is expected at approximately 3,830 ft. in this well.

Monument Federal 23-25-8-17: Operator reports TOC to be at 2,230 per CBL analysis. EPA calculates TOC from well completion reports to be 2,270 ft. The top of the CZ is expected at approximately 3,830 ft. in this well.

Humpback 9-25-8-17: Operator reports TOC to be at 1,260 ft. EPA calculates TOC from well completion reports to be at 1,630 ft. The top of the CZ is expected at approximately 3,830 ft. in this well.

Humpback R-25-8-17: Operator reports TOC to be at 68 ft. EPA calculates TOC from well completion reports to be 1,138 ft. The top of the CZ is expected at approximately 3,830 ft. in this well.

Federal S-25-8-17: Operator reports TOC to be at 16 ft. EPA calculates TOC from well completion reports to be at 1,310 ft. The top of the CZ is expected at approximately 3,830 ft. in this well.

Balcron Monument Federal 34-25-8-17: Operator reports TOC to be at 1,730 ft. EPA calculates TOC from well completion reports to be at 2,122 ft. The top of the CZ is expected at approximately 3,830 ft. in this well.

Reporting of Noncompliance:

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the **NRC website at <http://www.nrc.uscg.mil/index.htm>**

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known to him.

Balcron Monument Federal 33-25-8-17

Spud Date: 1/12/95
Put on Production: 2/13/95

Initial Production: 80 BOPD, 0 BWPD

GL: 4971' KB: 4981'

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (261.90')
DEPTH LANDED: 271.90'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts. (6132.05')
DEPTH LANDED: 6141.05'
HOLE SIZE: 7-7/8"
CEMENT DATA: 160 sxs Super "G" & 400 sxs 50/50 POZ.
CEMENT TOP AT: 2772' per CBL

Base of lowestmost expected USDW @ 231' (KB) per Rub 92

Green River @ 1667' KB

Trona/Bird'snest + Mahogany Beach 3,173' - 3,233'

Garden Gulch @ 4,009'

Douglas Creek @ 4,962'

Castle Peak @ 4,777'

Basal Carbonate @ unknown depth

TOC @ 2772'

Packer @ 4347'

4382'-4390'

4604'-4610'

5025'-5030'

5163'-5166'

5170'-5180'

5299'-5304'

5312'-5320'

5326'-5334'

5790'-5793'

5800'-5822'

5847'-5856'

5861'-5864'

5889'-5925'

6021'-6026'

PBTD @ 6099'

SHOE @ 6141'

TD @ 6150'

FRAC JOB

1/25/95 5889'-6026' Frac CP sands as follows:
93,640# 20/40 sand + 75,800# 16/30 sand in 1128 bbls 2% KCl. Treated @ avg press of 1700 psi w/avg rate of 38 BPM. ISIP 1750 psi. Calc. flush: 5763 gal. Actual flush: 5880 gal.

1/31/95 5163'-5334' Frac B/C sands as follows:
95,000# 20/40 sand + 78,000# 16/30 sand in 1299 bbls 2% KCl. Treated @ avg press of 2000 psi w/avg rate of 34 BPM. ISIP 1480 psi. Calc. flush: 5163 gal. Actual flush: 5124 gal.

2/13/01 Pump change. Update rod and tubing details.

9/26/02 5790' - 5864' Frac CP .5, 1, 2 sands as follows:
89,500# 20/40 white mesh sand in 448 bbls Viking I-25 fluid. Treated @ avg. pressure of 2750 psi w/avg rate of 14.8 BPM. ISIP 1550 psi. Calc. flush: 5790 gal. Actual flush: 1449 gal.

9/26/02 5025' - 5030' Frac D sands as follows:
21,000# 20/40 white mesh sand in 100 bbls Viking I-25 fluid. Treated @ avg. pressure of 1830 psi w/avg. rate of 25.8 BPM. ISIP 2150 psi. Calc. flush: 5025 gal. Actual flush: 4914 gal.

9/27/02 4382' - 4610' Frac GB/PB sands as follows:
60,200# 20/40 white mesh sand in 260 bbls Viking I-25 fluid. Treated @ avg. pressure of 2200 psi w/avg. rate of 24.5 BPM. ISIP 2500 psi. Calc. flush: 4382 gal. Actual flush: 4284 gal.

Areal Confining Zone: 3830-4009'

CBL does not show an interval of 80% cement bond index or greater. RTS is required.

PERFORATION RECORD

Date	Interval	Tool	Holes
1/24/95	6021'-6026'	2 JSFP	10 holes
1/24/95	5889'-5925'	2 JSFP	72 holes
1/30/95	5326'-5334'		02 holes
1/30/95	5312'-5320'		06 holes
1/30/95	5299'-5304'		02 holes
1/30/95	5170'-5180'		04 holes
1/30/95	5163'-5166'		01 hole
9/25/02	5790'-5793'	4 JSFP	12 holes
9/25/02	5800'-5822'	4 JSFP	88 holes
9/25/02	5847' - 5856'	4 JSFP	36 holes
9/25/02	5861'-5864'	4 JSFP	12 holes
9/25/02	5025'-5030'	4 JSFP	20 holes
9/26/02	4604'-4610'	4 JSFP	24 holes
9/26/02	4382'-4390'	4 JSFP	32 holes

NEWFIELD

Balcron Monument Federal 33-25-8-17
2097' FSL & 2067' FEL
NW/SE Section 25-T8S-R17E
Uintah Co, Utah
API #43-047-32525; Lease #UTU-67845

Top of Wasatch estimated @ 6,297'

Attachment Q-2

Balcron Monument Federal 33-25-8-17

Spud Date: 1/12/95
 Put on Production: 2/13/95
 GL: 4971' KB: 4981'

Initial Production: 80 BOPD, 0 BWPD

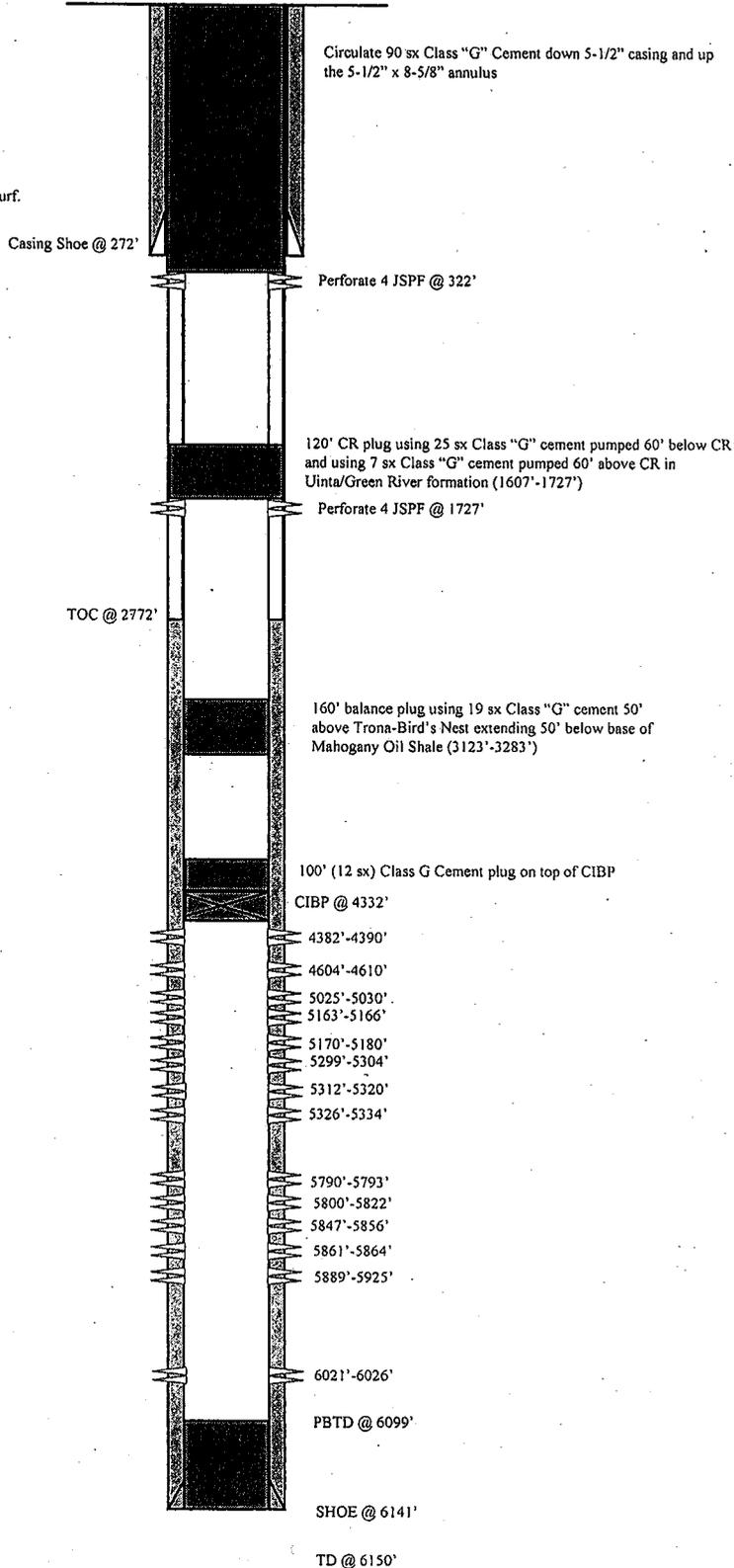
Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (261.90')
 DEPTH LANDED: 271.90'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts. (6132.05')
 DEPTH LANDED: 6141.05'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 160 sxs Super "G" & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 2772' per CBL



Balcron Monument Federal 33-25-8-17
 2097' FSL & 2067' FEL
 NW/SE Section 25-T8S-R17E
 Uintah Co, Utah
 API #43-047-32525; Lease #UTU-67845

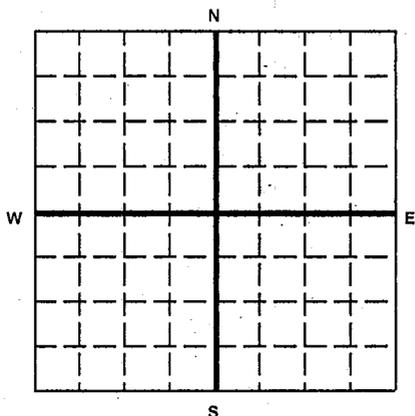


United States Environmental Protection Agency
Washington, DC 20460

WELL REWORK RECORD

Name and Address of Permittee	Name and Address of Contractor
-------------------------------	--------------------------------

Locate Well and Outline Unit on Section Plat - 640 Acres



State	County	Permit Number
-------	--------	---------------

Surface Location Description
 1/4 of 1/4 of 1/4 of 1/4 of Section Township Range

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface
 Location ft. frm (N/S) Line of quarter section
 and ft. from (E/W) Line of quarter section.

WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage Lease Name <input type="text"/>	Total Depth Before Rework <input type="text"/> Total Depth After Rework <input type="text"/> Date Rework Commenced <input type="text"/> Date Rework Completed <input type="text"/>	TYPE OF PERMIT <input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells <input type="text"/> Well Number <input type="text"/>
---	---	--

WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

	WIRE LINE LOGS, LIST EACH TYPE	
	Log Types	Logged Intervals

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)	Signature	Date Signed
--	-----------	-------------

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-67845

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
BALCRON MON FED 33-25

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304732525

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

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2097 FSL 2067 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 25, T8S, 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 type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/20/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" 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 checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well has been converted from a producing oil well to an injection well on 07/15/2010.

On 07/19/2010 Tom Aalto with the EPA was contacted concerning the initial MIT on the above listed well. On 07/20/2010 the casing was pressured up to 1340 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20852-08502 API# 43-047-32525

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 07/21/2010

(This space for State use only)

RECEIVED
JUL 26 2010
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-67845
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2097 FSL 2067 FEL NESE Section 25 T8S R17E		8. Well Name and No. BALCRON MON FED 33-25
		9. API Well No. 4304732525
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State UINTAH, UT

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

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

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

The subject well has been converted from a producing oil well to an injection well on 07/15/2010.

On 07/19/2010 Tom Aalto with the EPA was contacted concerning the initial MIT on the above listed well. On 07/20/2010 the casing was pressured up to 1340 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20852-08502 API# 43-047-32525

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Administrative Assistant
Signature 	Date 07/21/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

RECEIVED
JUL 26 2010
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 7/20/10
 Test conducted by: Lynn Plonser
 Others present: _____

Well Name: <u>Bokun Monument Federal 33-25-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/SE</u> Sec: <u>25</u> T <u>8</u> N <u>KS</u> R <u>17</u> <u>E</u> /W County: <u>Uintah</u>		State: <u>UT</u>
Operator: <u>New Field</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

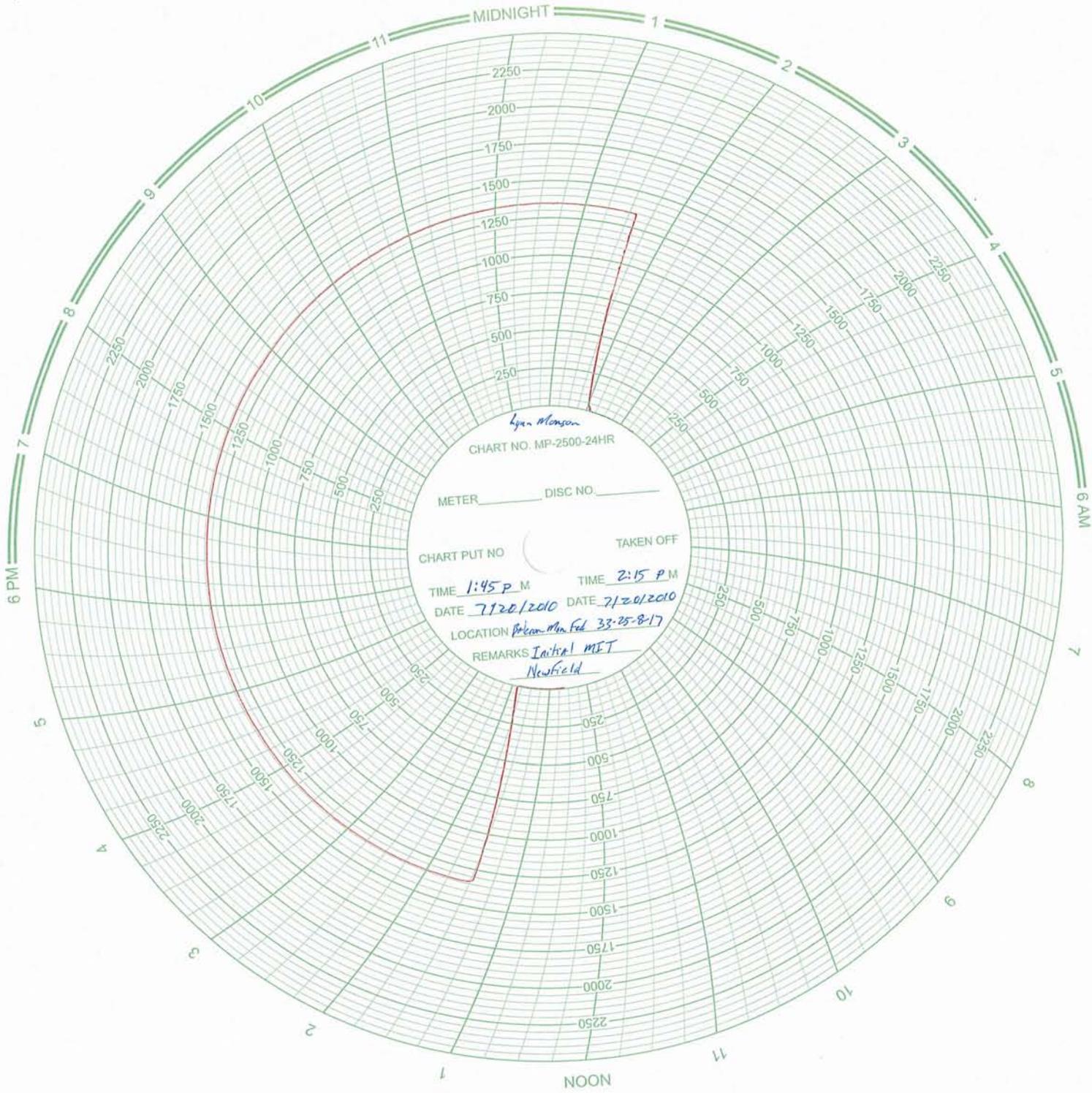
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1340</u> psig	psig	psig
5 minutes	<u>1340</u> psig	psig	psig
10 minutes	<u>1340</u> psig	psig	psig
15 minutes	<u>1340</u> psig	psig	psig
20 minutes	<u>1340</u> psig	psig	psig
25 minutes	<u>1340</u> psig	psig	psig
30 minutes	<u>1340</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Lyan Monson

CHART NO. MP-2500-24HR

METER _____ DISC NO. _____

CHART PUT NO _____

TAKEN OFF _____

TIME 1:45 P M

TIME 2:15 P M

DATE 7/20/2010

DATE 7/20/2010

LOCATION Broken Man Fed 33-25-8-17

REMARKS Initial MET
Newfield

Daily Activity Report**Format For Sundry****BLCRN MON 33-25-8-17****5/1/2010 To 9/30/2010****7/14/2010 Day: 1****Conversion**

Nabors #809 on 7/14/2010 - MIRUSU. LD rod string & pump. - MIRU Nabors rig #809. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 30 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH W/ 40 BW. SIFN..

Daily Cost: \$0**Cumulative Cost:** (\$44,301)

7/15/2010 Day: 2**Conversion**

Nabors #809 on 7/15/2010 - TOH W/ production tbg. TIH W/ packer & test injection string. - ND wellhead & release TA @ 5783'. NU BOP. RU HO trk & flush tbg W/ 40 BW @ 250°F. Talley & PU 4 jts work string to tag fill @ 6092'. LD work string. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 56 jts & BHA. Flushed tbg 2 add'l times on TOH W/ 40 BW. MU & TIH W/ new Weatherford 5 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 7/8 SN and 140 jts 2 7/8 8rd 6.5# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Leave 3000 psi on tbg overnight.

Daily Cost: \$0**Cumulative Cost:** (\$38,459)

7/16/2010 Day: 3**Conversion**

Nabors #809 on 7/16/2010 - Confirm tbg test. Set & test packer. RDMOSU. - Tbg pressure @ 1400 psi. Bleed air off & re-pressure to 3000 psi. Final test held solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4328', CE @ 4333' & EOT @ 4337. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. Holding solid for 1 hour. RDMOSU. - Run Vaughn Energy Services gyro survey. Perform MIT.

Daily Cost: \$0**Cumulative Cost:** (\$34,371)

7/20/2010 Day: 4**Conversion**

Rigless on 7/20/2010 - Conversion MIT - On 7/19/2010 Tom Aalto with the EPA was contacted concerning the Conversion MIT on the above listed well (Balcron Monument 33-25-8-17). On 7/20/2010 the csg was pressured up to 1340 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. Final Report EPA# UT 20852-08502 API#43-047-32525 **Finalized**

Daily Cost: \$0**Cumulative Cost:** (\$2,631)

Pertinent Files: Go to File List



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JUL 30 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, UT 84052

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

RE: Underground Injection Control (UIC)
Limited Authorization to Inject
EPA UIC Permit UT20852-08502
Well: Balcron Monument Federal 33-25-8-17
NWSE Sec. 25-T8S-R17E
Uintah County, Utah
API No.: 43-047-32525

Dear Mr. Guinn:

The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) July 21, 2010, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram, and calculated pore pressure were reviewed and approved by EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20852-08502.

As of the date of this letter, Newfield is authorized to commence injection into the Balcron Monument Federal 33-25-8-17 well at a Maximum Allowable Injection Pressure (MAIP) of 910 psig for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. If Newfield seeks a higher MAIP than 910 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT20852-08502.

RECEIVED

AUG 04 2010

DIV. OF OIL, GAS & MINING

If you have questions regarding the above action, please call Jason Deardorff at 303-312-6583 or 1-800-227-8917, ext. 312-6583. The RTS log with interpretation should be mailed to Mr. Deardorff at the letterhead address, citing mail code 8P-W-GW.

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Frances Poowegup, Vice-chairwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Irene Cuch, Councilwoman
Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-67845

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
BALCRON MON FED 33-25

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4304732525

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

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2097 FSL 2067 FEL

COUNTY: UINTAH

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESE, 25, T8S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>08/26/2010</u>	<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 type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY 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 checked="" type="checkbox"/> OTHER: - Put on Injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

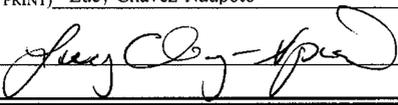
The above reference well was put on injection at 2:00 PM on 08-26-2010.

EPA # UT20852-08502 API # 43-047-32525

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 08/30/2010

(This space for State use only)

RECEIVED
SEP 07 2010
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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

5. Lease Serial No.
USA UTU-67845

6. If Indian, Allottee or Tribe Name.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
BALCRON MON FED 33-25

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4304732525

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

3b. Phone (include are code)
435 646 3721

10. Field and Pool, or Exploratory Area
GREATER MB UNIT

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2097 FSL 2067 FEL
NESE Section 25 T8S R17E

11. County or Parish, State
UINTAH, UT

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

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

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

The above reference well was put on injection at 2:00 PM on 08-26-2010.

EPA # UT20852-08502 API # 43-047-32525

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

Lucy Chavez-Naupoto

Signature



Title

Administrative Assistant

Date

08/30/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Office

Date

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

(Instructions on page 2)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JAN 06 2011

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Authorization to Continue Injection
EPA UIC Permit UT20852-08502
Well: Balcron Monument Fed. 33-25-8-17
NWSE Sec. 25-T8S-R17E
Uintah County, UT
API No.: 43-047-32525

Dear Mr. Guinn:

The U.S. Environmental Protection Agency (EPA), Region 8, received the results of the December 8, 2010, Radioactive Tracer Survey (RTS) for the Balcron Monument Federal 33-25-8-17 well. EPA determined the test demonstrates the presence of adequate cement to prevent the upward migration of injection fluids from the injection zone at the Maximum Allowable Injection Pressure (MAIP) of 910 psig.

As of the date of this letter, EPA hereby authorizes continued injection into the Balcron Monument Federal 33-25-8-17 well under the terms and conditions of UIC Permit UT20852-08502.

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a Step Rate Test (SRT) that measures the formation parting pressure and determines the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director in order to inject at pressures greater than the permitted MAIP during any test. A current copy of EPA guidelines for running and interpreting SRTs will be sent upon request. Should the SRT result in approval of a higher MAIP, a subsequent RTS conducted at the higher MAIP is required.

RECEIVED

JAN 13 2011

DIV. OF OIL, GAS & MINING

As of this approval, responsibility for permit compliance and enforcement is transferred to EPA's UIC Technical Enforcement Program. Therefore, please direct all monitoring and compliance correspondence to Nathan Wiser at the following address, referencing the well name and UIC Permit number on all correspondence:

Mr. Nathan Wiser
U.S. EPA Region 8: 8ENF-UFO
1595 Wynkoop Street
Denver, CO 80202-1129

Or, you may reach Mr. Wiser by telephone at 303-312-6211, or 1 800-227-8927, ext. 312-6211. Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT20852-08502.

If you have questions regarding the above action, please call Emmett Schmitz at 303-312-6174 or 1-800-227-8917, ext. 312-6174.

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:
Richard Jenks, Jr., Chairman
Frances Poowegup, Vice-Chairwoman
Curtis Cesspooch, Councilman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Irene Cuch, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg
Regulatory Analyst
Newfield Production Company
Denver, CO

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-67845
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: BALCRON MON FED 33-25
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43047325250000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2097 FSL 2067 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 25 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/18/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
5 YR MIT performed on the above listed well. On 06/18/2015 the casing was pressured up to 1417 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1153 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08502		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 23, 2015
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 6/22/2015

Mechanical Integrity Test Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 6 / 18 / 15
 Test conducted by: Rocky Curry
 Others present: _____

Well Name: <u>BALCRON MONUMENT FEDERAL 33-25-8</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GREATER MONUMENT BUTTE</u>		
Location: <u>NW/SE</u> Sec: <u>25</u> T: <u>8</u> N/S: <u>R 17 E</u> / W County: <u>UINTAH</u> State: <u>UT</u>		
Operator: <u>NEWFIELD EXPLORATION</u>		
Last MIT: _____ / _____ / _____	Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0/1153 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1153 psig	psig	psig
End of test pressure	1153 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1411 psig	psig	psig
5 minutes	1412 psig	psig	psig
10 minutes	1413 psig	psig	psig
15 minutes	1414 psig	psig	psig
20 minutes	1416 psig	psig	psig
25 minutes	1417 psig	psig	psig
30 minutes	1417 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

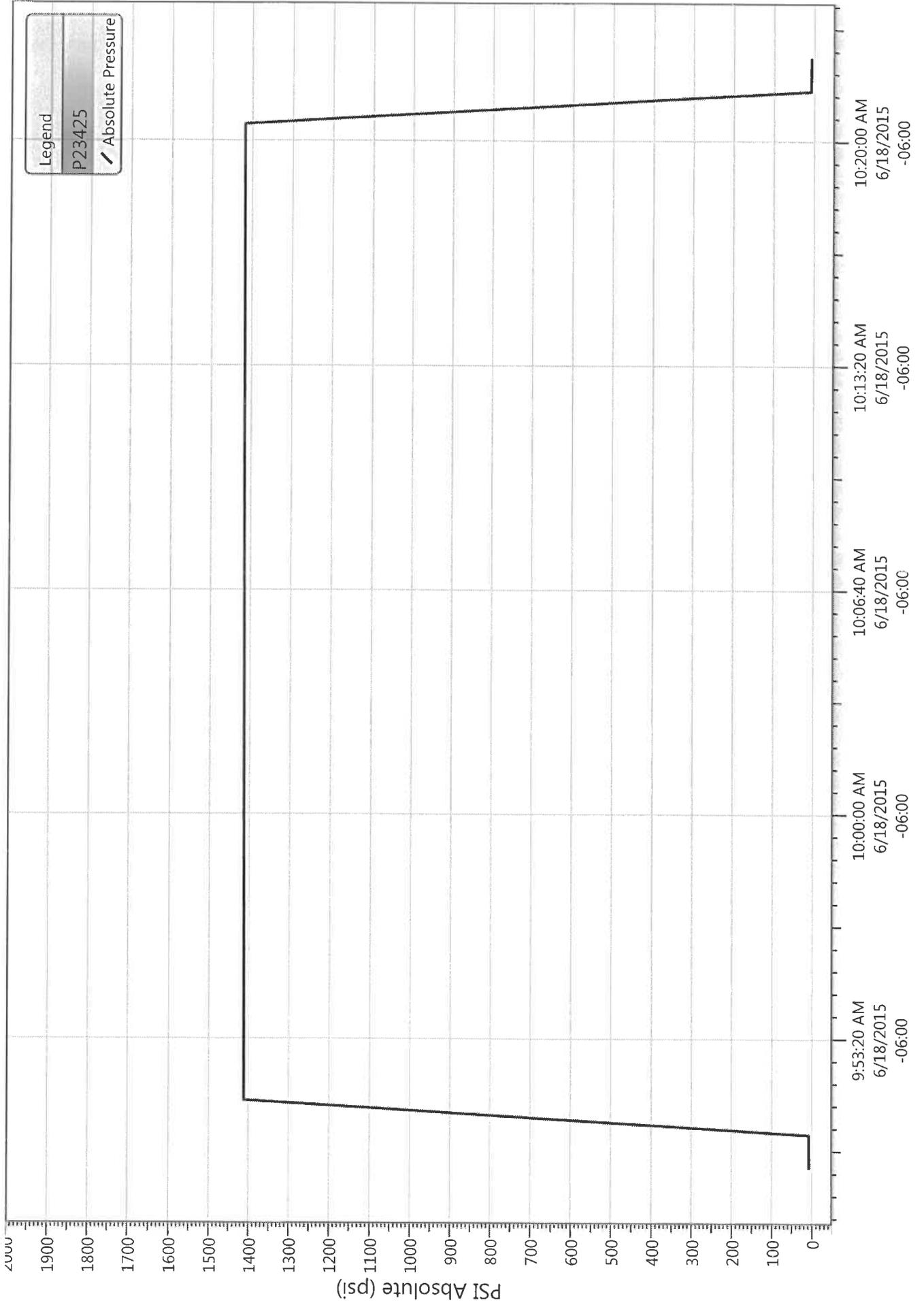
Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

33-25-8-17 (5-Year MIT) 6/18/2015
6/18/2015 9:48:56 AM



Balcron Monument Federal

33-25-8-17

Injection Wellbore
Diagram

Initial Production: 80 BOPD, 0 BWPD

Spud Date: 1-12-95
Put on Production: 2-13-95
GL: 4971' KB: 4981'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (261.90')
DEPTH LANDED: 271.90'
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 svs Class G 7' cmt. est 4 bbls cmt to surf.

PRODUCTION CASING

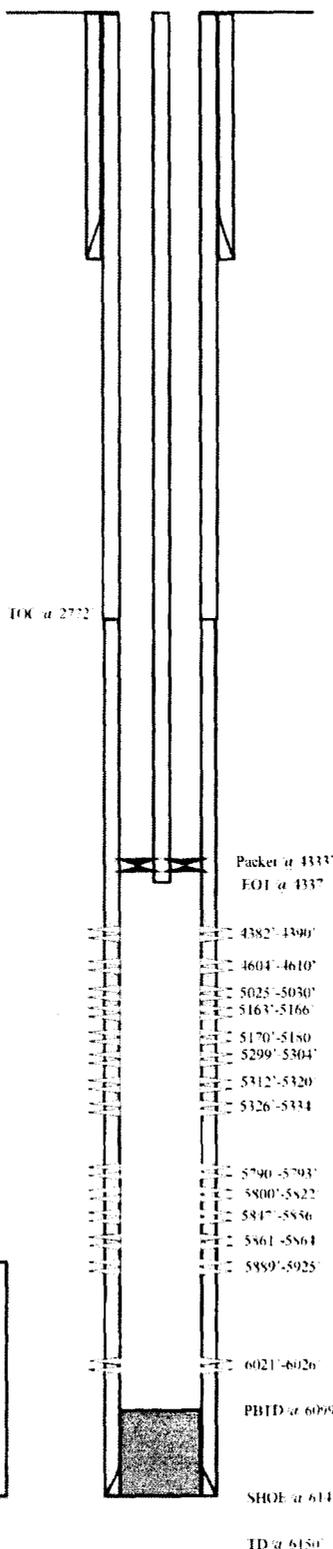
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 147 jts (6132.05')
DEPTH LANDED: 6141.05'
HOLE SIZE: 7-7/8"
CEMENT DATA: 160 svs Super G & 106 svs 50.5# POZ
CEMENT TOP AT: 2772' psi CBL

TUBING

SIZE GRADE WT: 2-7/8" 1-55 6.5#
NO. OF JOINTS: 146 jts (4318.2')
SEALING NIPPLE: 2-7/8" (110')
SN LANDED AT: 4328.2' KB
CE: a 4332.5'
TOTAL STRING LENGTH: FOI a 4337' KB

FRAC JOB

1-23-95	5889'-6026'	Frac CP sands as follows: 93,640# 20/40 sand + 75,800# 16/30 sand in 1128 bbls 2% KCl. Treated @ avg press of 1700 psi w avg rate of 35 BPM. ISIP 1750 psi. Calc. flush: 5763 gal. Actual flush: 5880 gal.
1-31-95	5163'-5334'	Frac B/C sands as follows: 95,000# 20/40 sand + 78,000# 16/30 sand in 1299 bbls 2% KCl. Treated @ avg press of 2000 psi w avg rate of 34 BPM. ISIP 1480 psi. Calc. flush: 5163 gal. Actual flush: 5124 gal.
2-13-01		Pump change. Update rod and tubing details.
9-26-02	5790' - 5864'	Frac CP .5, 1, 2 sands as follows: 89,500# 20/40 white mesh sand in 448 bbls Viking I-25 fluid. Treated @ avg pressure of 2750 psi w avg rate of 14.8 BPM. ISIP 1550 psi. Calc. flush: 5790 gal. Actual flush: 1449 gal.
9-26-02	5025' - 5030'	Frac D sands as follows: 21,000# 20/40 white mesh sand in 100 bbls Viking I-25 fluid. Treated @ avg pressure of 1830 psi w avg rate of 25.8 BPM. ISIP 2150 psi. Calc. flush: 5025 gal. Actual flush: 4914 gal.
9-27-02	4382' - 4610'	Frac GB, PB sands as follows: 60,200# 20/40 white mesh sand in 260 bbls Viking I-25 fluid. Treated @ avg pressure of 2200 psi w avg rate of 24.5 BPM. ISIP 2500 psi. Calc. flush: 4382 gal. Actual flush: 4254 gal.
7-15-10		Convert to Injection well
7-20-10		MIT completed (b2 detail updated)



PERFORATION RECORD

1-24-95	6021'-6026'	2 JSPF	10 holes
1-24-95	5889'-5925'	2 JSPF	72 holes
1-30-95	5326'-5334'		02 holes
1-30-95	5312'-5320'		06 holes
1-30-95	5299'-5304'		02 holes
1-30-95	5170'-5180'		04 holes
1-30-95	5163'-5166'		01 hole
9-25-02	5790'-5793'	4 JSPF	12 holes
9-25-02	5800'-5822'	4 JSPF	88 holes
9-25-02	5847' - 5856'	4 JSPF	36 holes
9-25-02	5861' - 5864'	4 JSPF	12 holes
9-25-02	5025' - 5030'	4 JSPF	20 holes
9-26-02	4604' - 4610'	4 JSPF	24 holes
9-26-02	4382' - 4390'	4 JSPF	32 holes



Balcron Monument Federal 33-25-8-17
2097' FSL & 2067' FEL
NW SE Section 25-T8S-R17E
Utah Co, Utah
API #43-047-32525; Lease #UTU-67845