UTAH OIL AND GAS CONSERVATION COMMISSION

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

MULT. GR. CBL 2-9-95 : 960401 Oper. Nm. Chg.
960416 Confidential Status Expired 4-14-96

DATE FILED JUNE 14, 1994

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-67845 INDIAN

DRILLING APPROVED: SEPTEMBER 23, 1994

SPUDDED IN: 1-22-95

COMPLETED: 3-14-95 POW PUT TO PRODUCING: 3-14-95

INITIAL PRODUCTION: 73 BOPD,

GRAVITY A.P.I. 34

GOR:

PRODUCING ZONES: 5160-5898' (GRRV)

TOTAL DEPTH: 6300'

WELL ELEVATION: 4992' G.R.

DATE ABANDONED:

FIELD: ~~UNDESIGNATED FIELD~~ PARIETTE DRAW 12-6-96

UNIT: NA

COUNTY: UINTAH

WELL NO. BALCRON MONUMENT FEDERAL #23-25 API NO. 43-047-32529

LOCATION 1926' FSL FT. FROM (N) (S) LINE, 2138' FWL FT. FROM (E) (W) LINE NESW 1/4 — 1/4 SEC. 25

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				8S	17E	25	~~EQUIT RES ENERGY CO~~ Inland Prod. Co.

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Horsebench Sand	Dakota	Park City	McCracken
Ma Garden Gulch	Burro Canyon	Rico (Goodridge)	Aneth
Douglas Creek Mbr	Cedar Mountain	Supai	Simonson Dolomite
Douglas Creek Mbr	Buckhorn	Wolfcamp	Sevy Dolomite
Garden Gulch Mbr	JURASSIC	CARBONIFEROUS	North Point
Rattlesnake Mbr	Morrison	Pennsylvanian	SILURIAN
Wizard Butte LS	Salt Wash	Oquirrh	Laketown Dolomite
Total Depth	San Rafeal Gr.	Weber	ORDOVICIAN
North Horn	Summerville	Morgan	Eureka Quartzite
Almy	Bluff Sandstone	Hermosa	Pogonip Limestone
Paleocene	Curtis		CAMBRIAN
Current Creek	Entrada	Pardox	Lynch
North Horn	Moab Tongue	Ismay	Bowman
CRETACEOUS	Carmel	Desert Creek	Tapeats
Montana	Glen Canyon Gr.	Akah	Ophir
Mesaverde	Navajo	Barker Creek	Tintic
Price River	Kayenta		PRE - CAMBRIAN
Blackhawk	Wingate	Cane Creek	
	TRIASSIC		

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 13, 1994

-- VIA FEDERAL EXPRESS --

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

Gentlemen:

RE: Balcron Monument Federal #23-25
NE SW 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

Enclosures

cc: Utah Division of Oil, Gas and Mining

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

FORM 3

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.: Federal #U-67845

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

1a. Type of Work: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

7. Unit Agreement Name: n/a

1b. Type of Well: Oil Well [X] Gas Well [ ] Other — Single Zone [ ] Multiple Zone [ ]

8. Farm or Lease Name: Balcron Monument Federal

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

9. Well No.: #23-25

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface: NE SW Sec. 25, T8S, R17E 1926' FSL, 2138' FWL

11. QQ, Sec., T., R., M., or Blk. and Survey or Area: NE SW Sec. 25 T8S,R17E

At proposed prod. zone

14. 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

15. 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

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

19. Proposed depth: 6,200'

20. Rotary or cable tools: Rotary

21. Elevations (Show whether DF, RT, GR, etc.): GL 4991.9'

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

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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

RECEIVED
JUN 14 1994
DIV. OF OIL, GAS & MINING

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

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

Signed: Bobbie Schuman Title: Regulatory and Environmental Specialist Date: June 13, 1994

Bobbie Schuman

(This space for Federal or State office use)

API NO. 43-047-32529 Approval Date: 9/23/94

Approved by: Title:

Conditions of approval, if any:

OIL, GAS, AND MINING
DATE: 9/23/94
BY:
WELL SPACING: R649-3-2.

*See Instructions On Reverse Side

(3/89)

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

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [X] 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
NE SW Section 25, T8S, R17E 1926.8' FSL, 2138.6' FWL
At proposed prod. zone

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

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.
23-25

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

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

12. COUNTY OR PARISH
Uintah

13. STATE
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
6,200'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 4991.9'

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

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 14 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 13, 1994
Bobbie Schuman
(This space for Federal or State office use)

PERMIT NO. 43-047-32529 APPROVAL DATE

APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

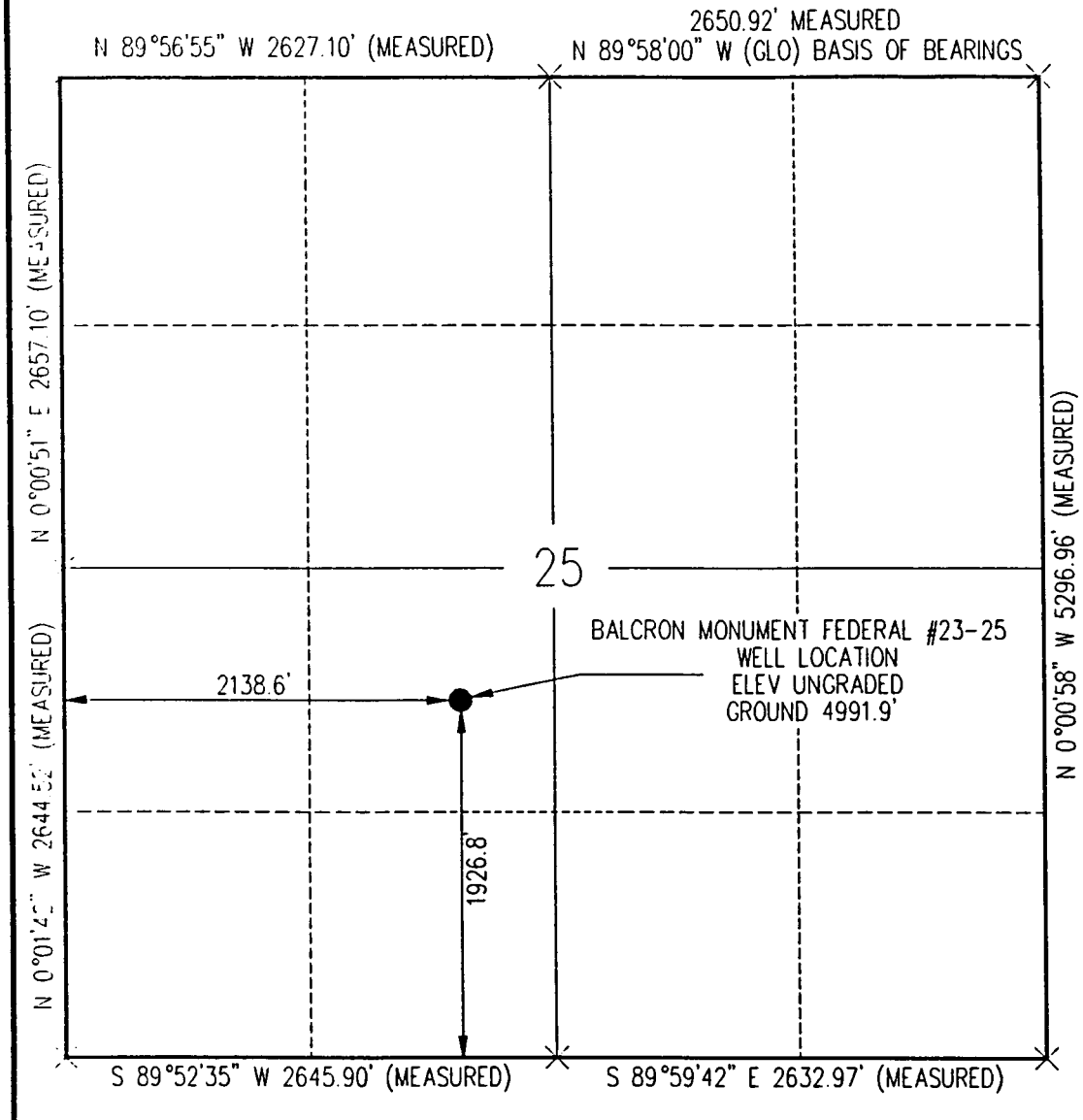
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING
DATE: 8/23/94
BY:
WELL SPACING: R649-3-2

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of

EXHIBIT "K"

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



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))

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #23-25, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 25, T8S, R17E, S.L.B. & M, UINTAH COUNTY, UTAH.

N

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

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

REGISTERED LAND SURVEYOR
No. 189377
STACY W. STEWART
STATE OF UTAH

WEATHER: SUNNY & HOT	
DATE: 5/25/94	
SCALE: 1" = 1000'	
SURVEYED BY: SS QS	
FILE: MF#23-25	

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

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #23-25
NE SW 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.

EXHIBIT "B"

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
BALCRON MONUMENT FEDERAL #23-25
NE SW 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 location which straddles the existing jeep trail.

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"

No new road construction will be required. The last 1.7 miles of jeep trail will need to be upgraded to the following specifications.

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 - There is an existing culvert that may need to be upgraded on the existing jeep trail near the center of section 25 as shown on map "B". 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 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 South side of location. The flare pit will be located downwind of the prevailing wind direction on the East near corner #4. Access will be from the Southwest 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 reseeding 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, rapters, 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. Two silt catchment dams will be constructed, one along the access road where flagged and the other as specified in the conditions of approval near the pad.

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 13, 1994
Date

Bobbie Schuman

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

Balcron Oil Well Prognosis

EXHIBIT "C"

Well Name	BALCRON MONUMENT FEDERAL #23-25	**Exploratory**		**Control Well**	BMF #11-25
Location	NESW SEC 25-T8S-R17E (1927' FSL, 2139' FWL)	**Development**	X	**Operator**	BALCRON
County	UINTAH	**Field**		**KB**	5059
State	UTAH	**Section**	NESW 25	**Section**	NWNW 25
Total Depth	6200	**Township**	8S	**Township**	8S
GL (Ung)	4991.9' **EST. KB** 5000	**Range**	17E	**Range**	17E

Formation Tops	**Prognosis**		**Sample Top**		**Control Well**	**High/Low**		
Formation	Depth	Datum	Depth	Datum	Datum	Prog	Cntl	Deviation
UINTA	SURFACE							
GREEN RIVER	1717	3283			3247			
HORSEBENCH SS	2641	2359			2323			
2ND GARDEN GULCH	4201	799			763			
Y-2 SAND (PAY)	4482	518			NP			
YELLOW MARKER	4806	194			158			
DOUGLAS CREEK	4975	25			-11			
R-2 SAND (PAY)	5063	-63			-99			
R-5 SAND (PAY)	5192	-192			-228			
2ND DOUGLAS CREEK	5237	-237			-273			
GREEN MARKER	5395	-395			-431			
BLACK SHALE FACIES	5617	-617			-653			
CARBONATE MARKER	5839	-839			-875			
B-1 SAND (PAY)	5883	-883			-919			
TD	6200							

Samples

50' FROM 1700' TO 4400'

10' FROM 4400' TO TD

Logs

DLL FROM SURF CSG TO TD

LDT/CNL FROM 2800' TO TD

DST,s

DST #1 NONE

DST #2

DST #3

DST #4

Cores

Core #1 NONE

Core #2

Core #3

Core #4

Wellsite Geologist

Name:

From: to:

Address:

Phone # wk.

hm.

Fax #

Mud Logger/Hot Wire

Company:

Required: (Yes/No) YES

Type: TWO MAN

Logger:

Phone #

Fax #

Comments:

Report To: 1st Name: DAVE BICKERSTAFF Phone # (406)259-7860 wk. 245-2261 hm.

2nd Name: KEVEN REINSCHMIDT Phone # " wk. 248-7026 hm.

Prepared By: K.K. REINSCHMIDT 5/12/94 Phone # wk. hm.

Equitable Resources Energy Company
Balcron Oil Division

DRILLING PROGRAM

WELL NAME: Balcron Monument Fed 23-25 PROSPECT/FIELD: Monument Butte
LOCATION: NE SW Sec.25 Twn.8S Rge.17E
COUNTY: Uintah STATE: Utah

TOTAL DEPTH: 6200

HOLE SIZE	INTERVAL
12 1/4"	0 to 260'
7 7/8"	260 to 6200'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0	260	8 5/8"	24 #/Ft	J-55
Production Casing	0	6200	5 1/2"	15.50#/Ft	K-55
	(All Casing will be new, ST&C)				

CEMENT PROGRAM

Surface	225 sacks Class "G" with 2% CaCl and 1/4 #/Sk Flocele. (Cement will be circulated to surface.)
Production	250 sacks Thifty Lite and 400 sacks 50-50 Poz mix. (Top of cement will be 2000')

PRELIMINARY
DRILLING FLUID PROGRAM

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

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

COMMENTS

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

DMM/6/10/94

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: Monument Fed. #23-25
Project ID:	Location: Uintah County, Utah

Design Parameters:

Mud weight (9.63 ppg) : 0.500 psi/ft
Shut in surface pressure : 2480 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	6,200	5-1/2"	15.50	K-55	ST&C	6,200	4.825	

	Collapse Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Yield Strgth (psi)	S.F.	Tension Load (kips)	Tension Strgth (kips)	S.F.
1	3100	4040	1.303	3100	4810	1.55	96.10	222	2.31 J

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

Minimum segment length for the 6,200 foot well is 1,500 feet.
The mud gradient and bottom hole pressures (for burst) are 0.500 psi/ft and 3,100 psi, respectively.

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

Costs for this design are based on a 1990 pricing model. (Version 1.0G)

EXHIBIT E

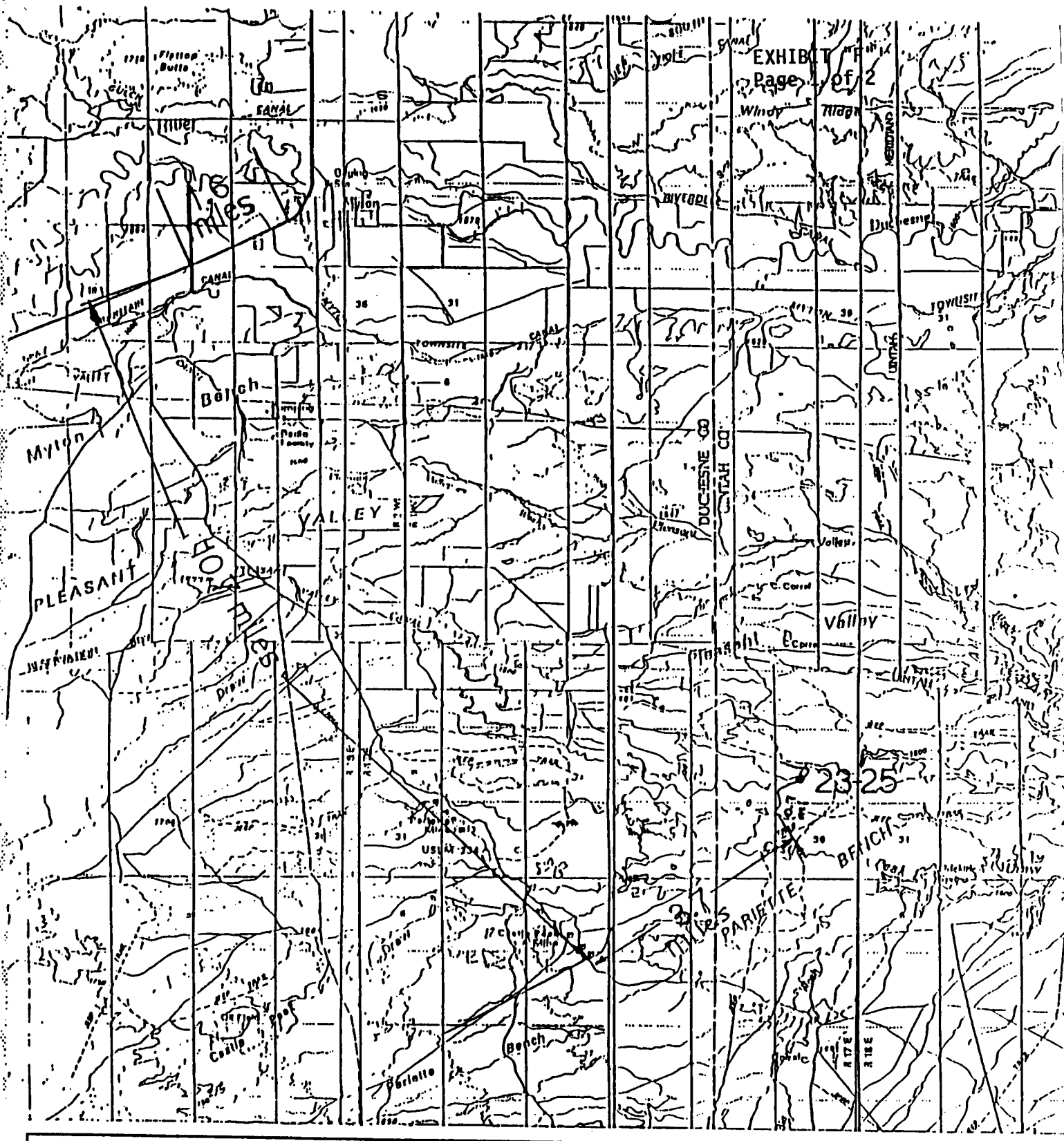
A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing and producing this well:

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



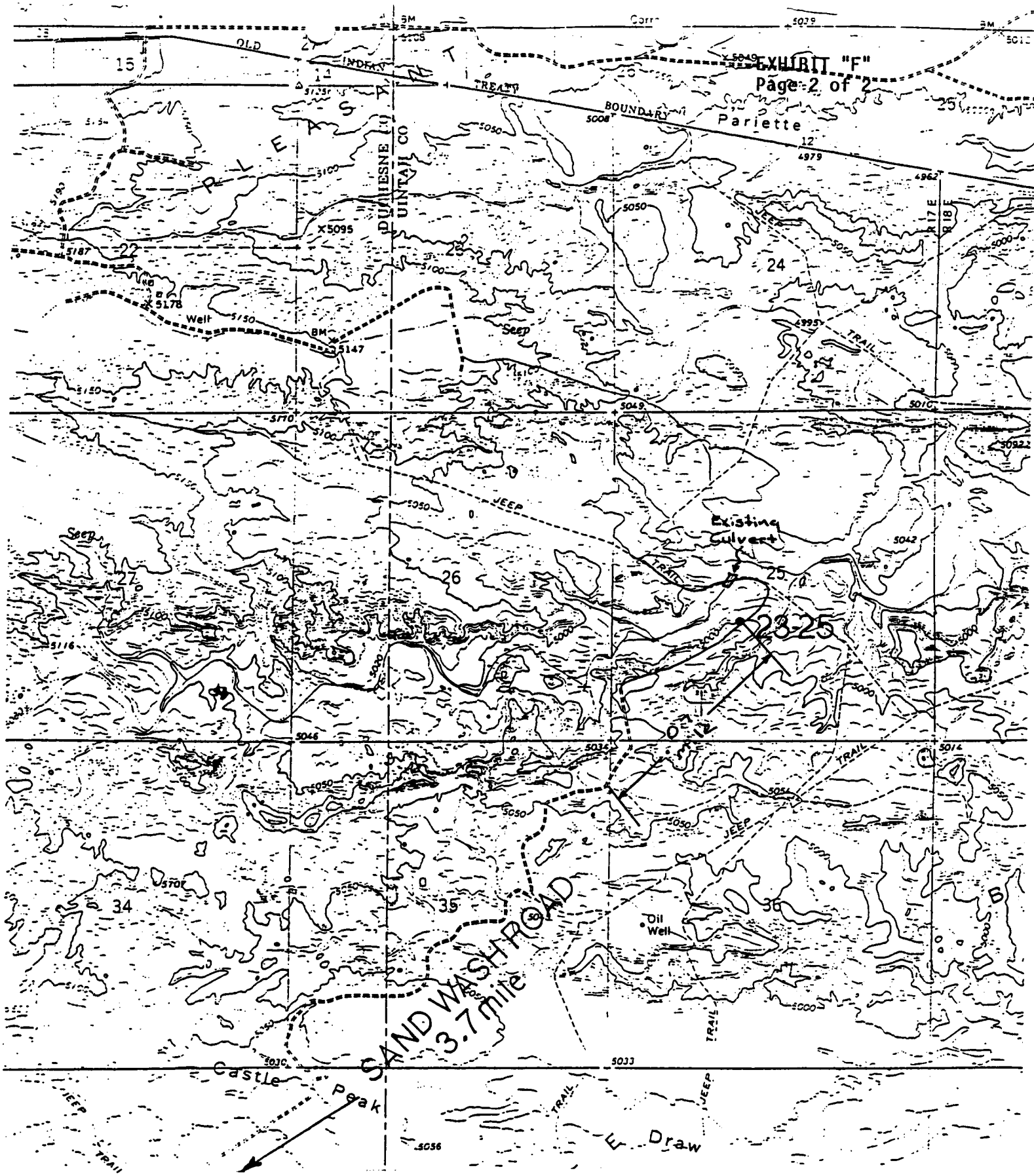
NORTH

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #23-25

MAP "A"

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



EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #23-25

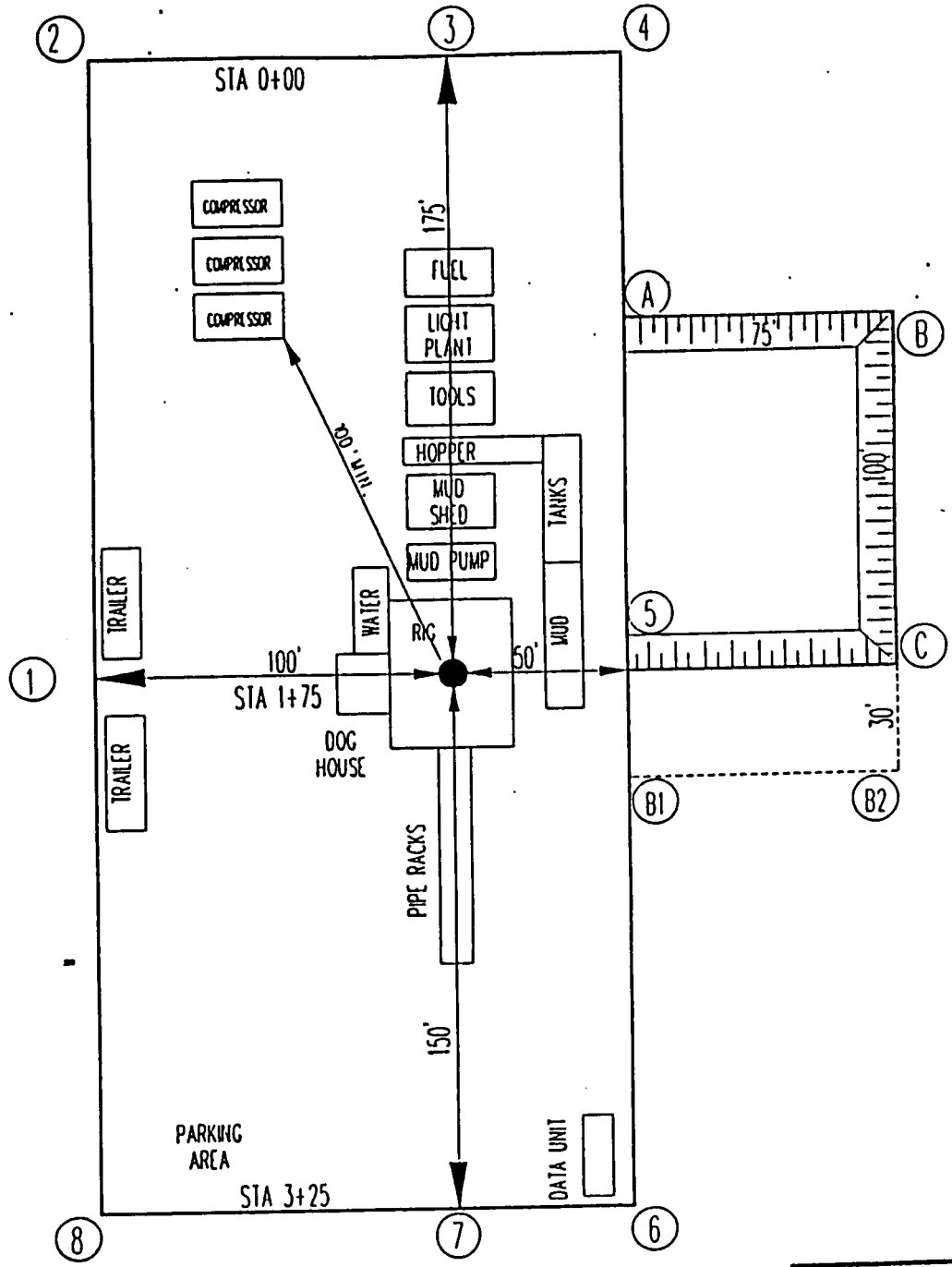
MAP "B"

NORTH

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

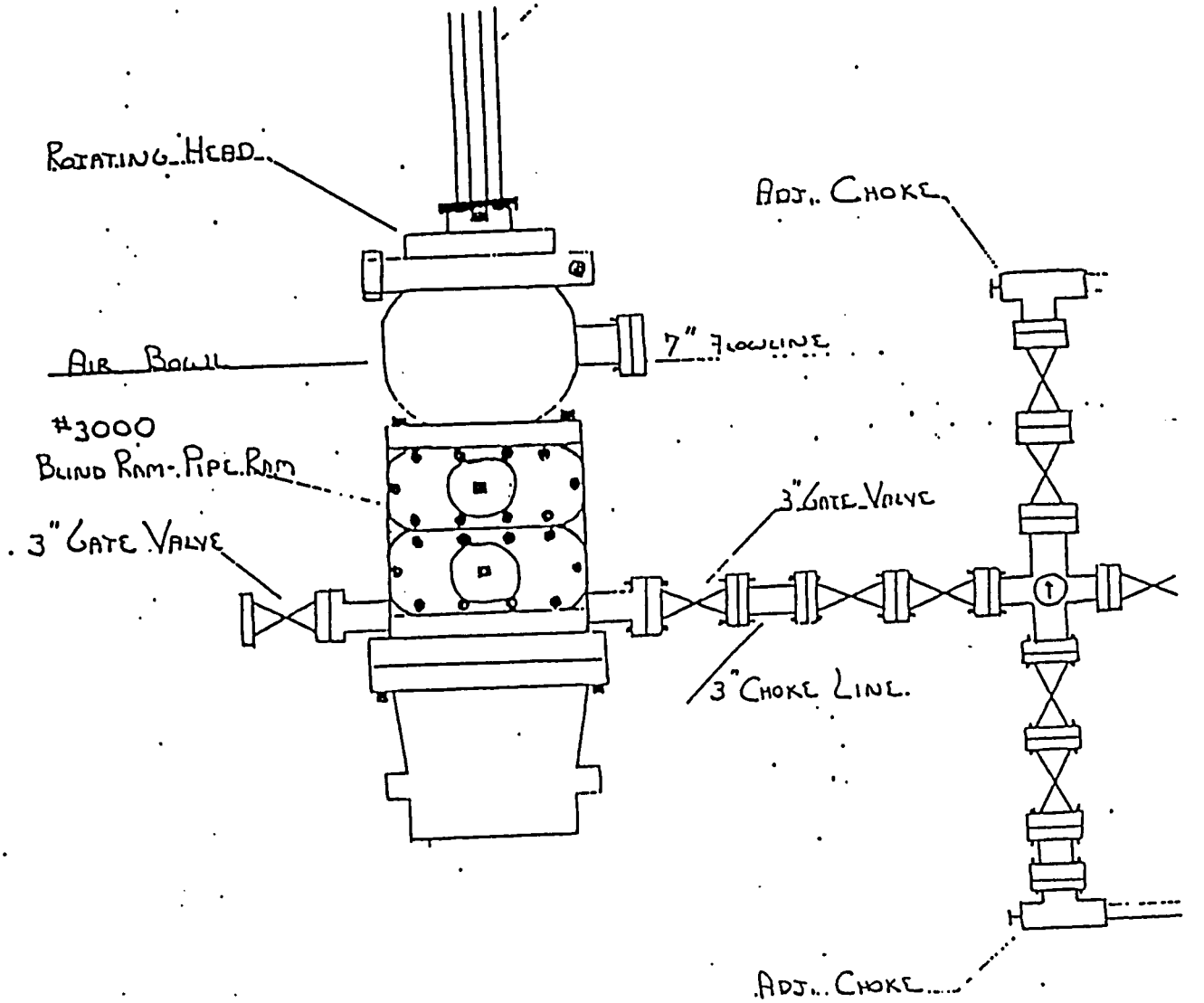
EQUITABLE RESOURCES ENERGY CO.

WELLSITE LAYOUT

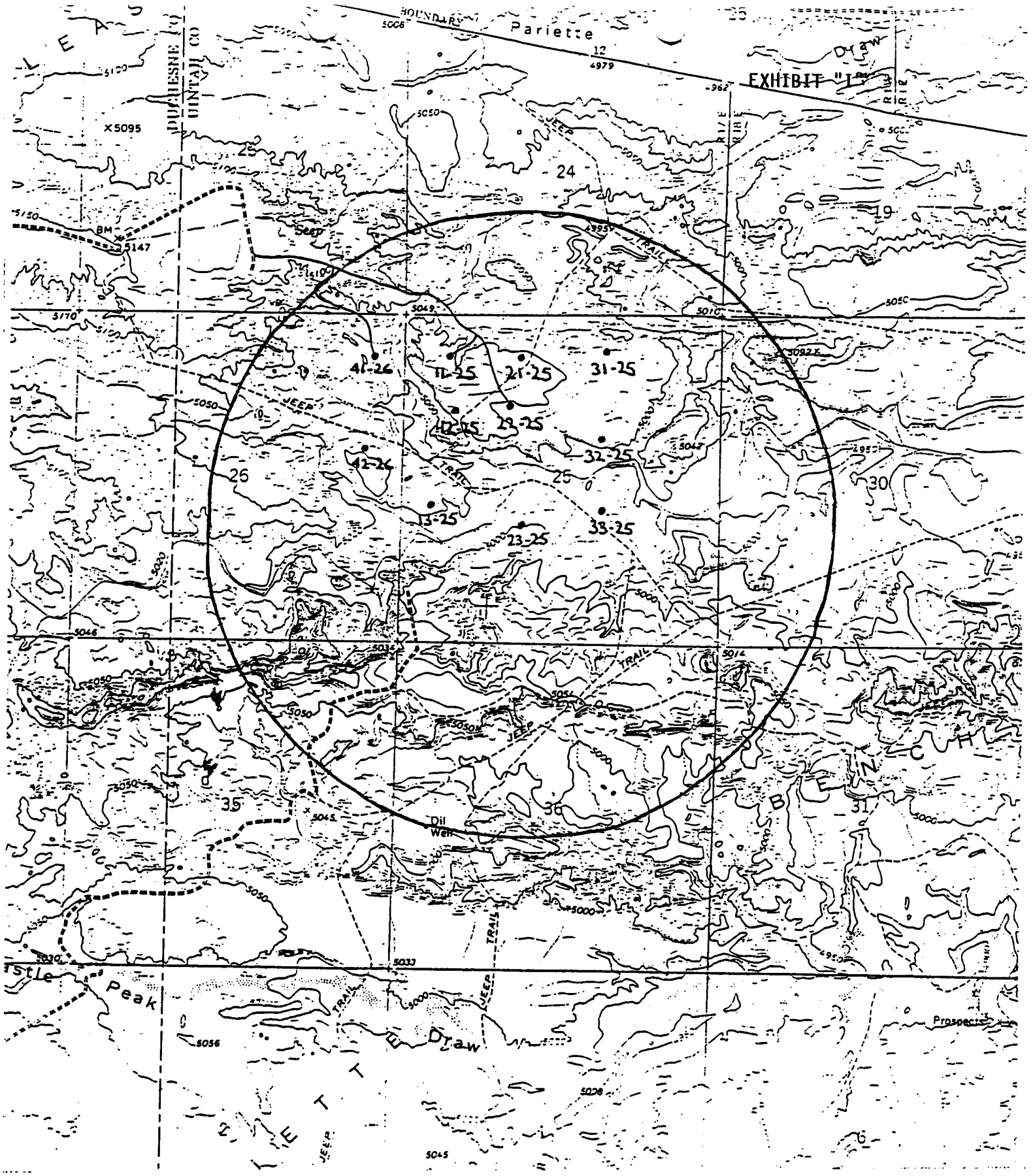


TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501

UNION DRILLING RIG #17 — Hex Kelly — EXHIBIT "H"



#3000 - STACK



NORTH

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #23-25

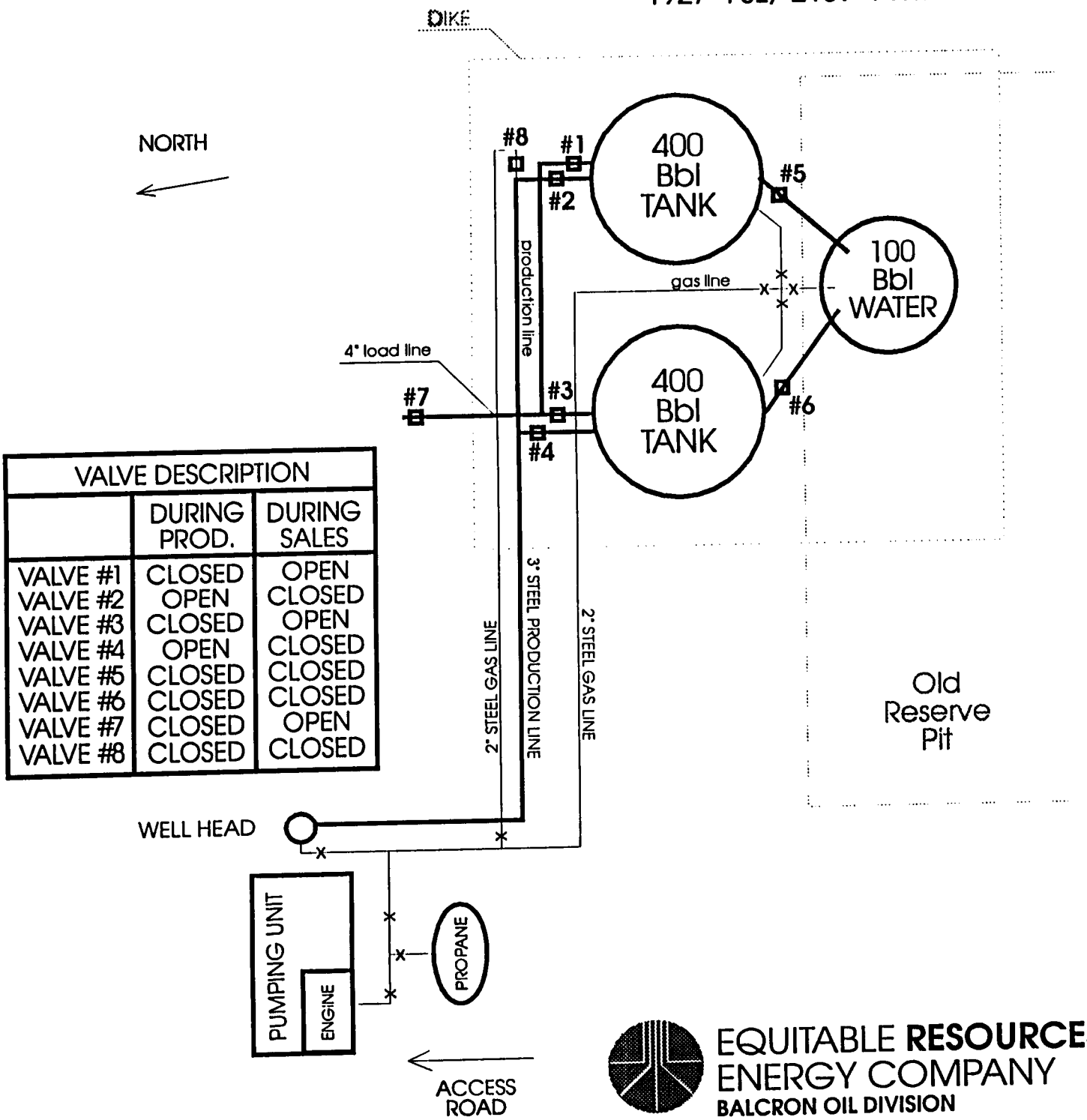
MAP "C"

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

EXHIBIT J

Equitable Resources Energy Company
Balcron Monument Federal 23-25
Proposed Production Facility Diagram

Balcron Monument Federal 23-25
NE SW Sec. 25, T8S, R17E
Uintah County, Utah
Federal Lease #U-67845
1927' FSL, 2139' FWL



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN
VALVE #8	CLOSED	CLOSED

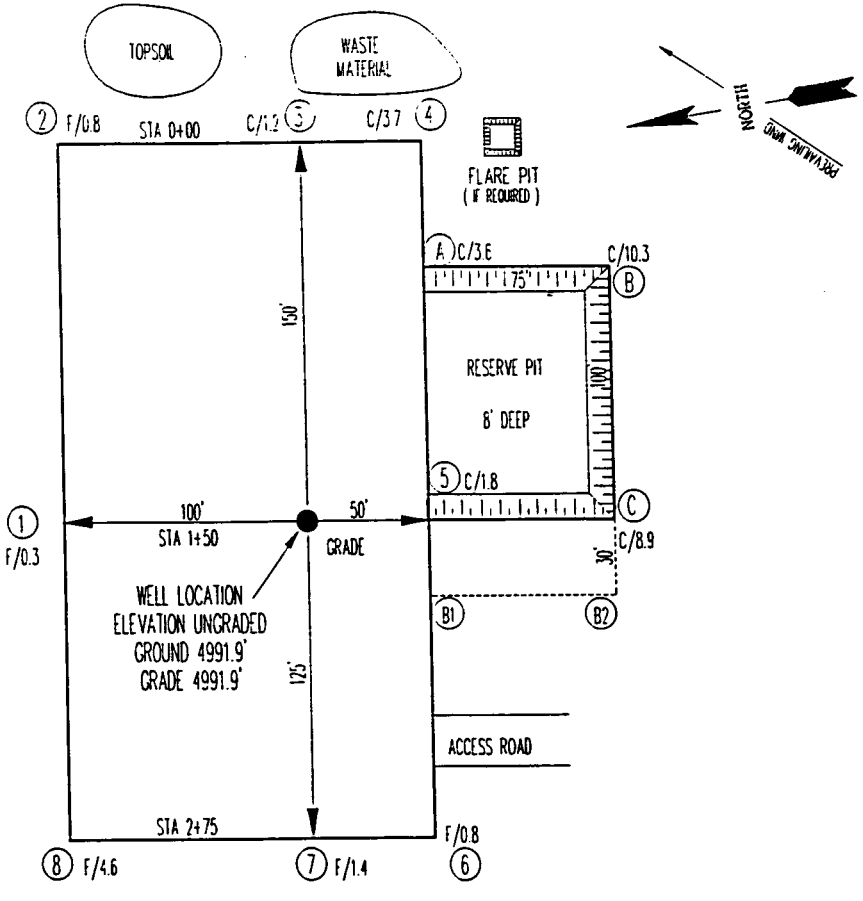
DIAGRAM NOT TO SCALE

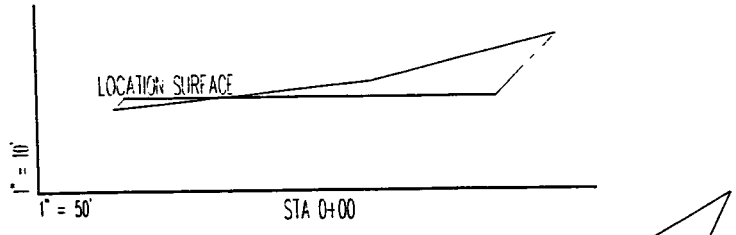
EQUITABLE **RESOURCES** ENERGY COMPANY
BALCRON OIL DIVISION
1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

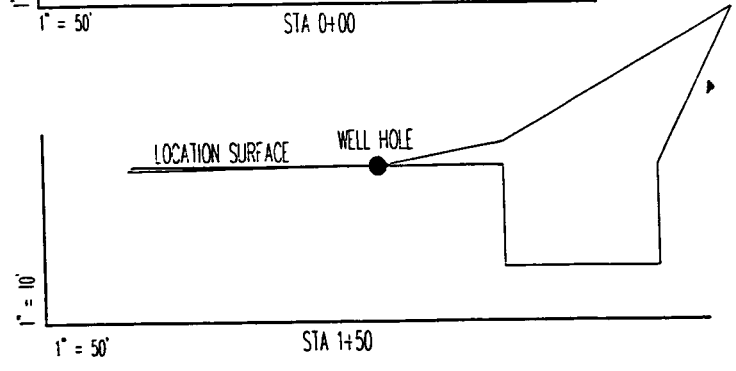
EXHIBIT "L"

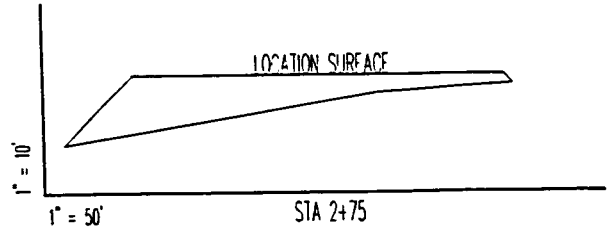
EQUITABLE RESOURCES ENERGY CO.

BALCRON MONUMENT FEDERAL #23-25









REFERENCE POINTS

150.0' NORTH 4990.7'
200.0' NORTH 4985.1'
200.0' EAST 4994.0'
250.0' EAST 4993.8'

APPROXIMATE YARDAGE

CUT = 2345 Cu Yds
FILL = 942 Cu Yds
PIT = 2222.0' Cu Yds

NOTE: YARDAGE CANNOT BE BALANCED WITHOUT PUTTING RIC ON FILL

FILENAME MF#23-25

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

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/14/94

API NO. ASSIGNED: 43-047-32529

WELL NAME: BALCRON MONUMENT FEDERAL 23-25
OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
NESW 25 - T08S - R17E
SURFACE: 1923-FSL-2138-FWL
BOTTOM: 1923-FSL-2138-FWL
UINTAH COUNTY
UNDESIGNATED FIELD (002)

LEASE TYPE: FED
LEASE NUMBER: U-67845

PROPOSED PRODUCING FORMATION: GRRV

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

RECEIVED AND/OR REVIEWED:

Y Plat
Y Bond: Federal[Y] State[] Fee[]
(Number 5547188)
N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
(Number 3rd PARTY SOURCE)
N 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 WELL OWNED BY OWEN ANDERSON

STIPULATIONS:

CONFIDENTIAL PERIOD EXPIRED 11-14-96

MONUMENT BUTTE

DUCHESNE COUNTY

FIELD 105 ACTIVE

UTAH DIVISION OF OIL, GAS AND MINING
EQUIPMENT INVENTORY

Operator: Equitable Resources Lease: State:__ Federal: X Indian:__ Fee:__

Well Name: Balcron Monument Fed 23-25 API Number: 43-047-32529

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

Well Status: POW Well Type: Oil: X Gas:__

PRODUCTION LEASE EQUIPMENT: X CENTRAL BATTERY:__

1 Well head	__ Boiler(s)	__ Compressor	__ Separator(s)
__ Dehydrator(s)	__ Shed(s)	__ Line Heater(s)	__ Heated Separator
__ VRU	1 Heater Treater(s)		

PUMPS:
__ Triplex __ Chemical 1 Centrifugal

LIFT METHOD:
X Pumpjack __ Hydraulic __ Submersible __ Flowing

GAS EQUIPMENT:

0 Gas Meters __ Purchase Meter __ Sales Meter

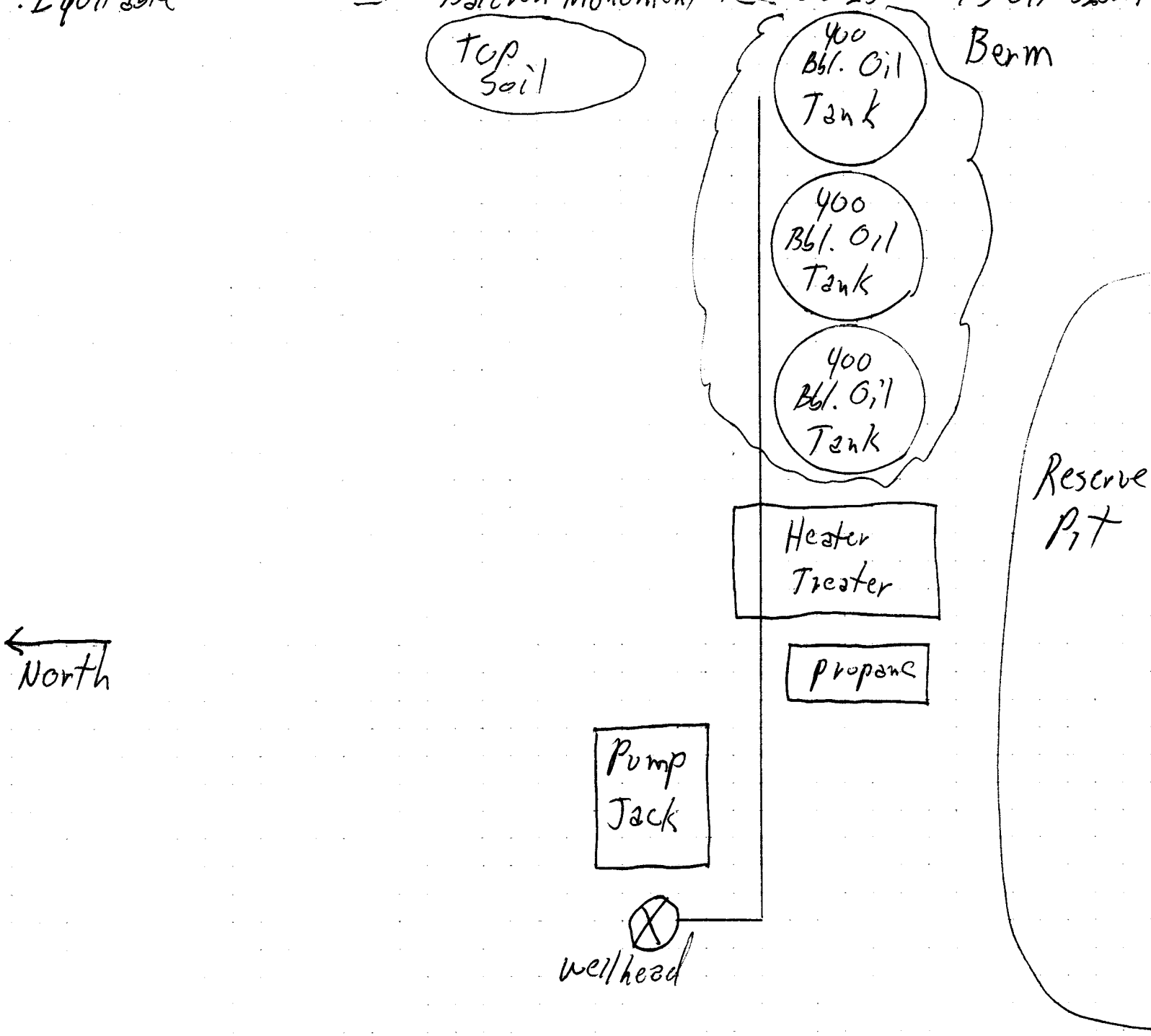
TANKS: NUMBER		SIZE
3	Oil Storage Tank(s)	400 BBLS
__	Water Tank(s)	__ BBLS
__	Power Water Tank	__ BBLS
__	Condensate Tank(s)	__ BBLS
1	Propane Tank	

REMARKS: Excess casinghead gas venting to reserve pit. Pit tank on location and will be installed when reserve pit is closed.

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

Inspector: David W. Hackford Date: 5/22/95

Equitable — Bolcron Monument 1-23-25 — 43-047-32529



EQUITABLE **RESOURCES**
ENERGY COMPANY
BALCRON OIL DIVISION

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

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

CONFIDENTIAL

July 11, 1994

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

BALCRON MONUMENT FEDERAL 23-25
Sec 25 T8S R17E
43-047-32529

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 #23-25

NE SW 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 #23-25
NE, SW Section 25, T8S, R17E, SLB&M, Uintah County, Utah.

Description of Geology and Topography-

This well is located 7 miles south and 5 miles east of Myton, Utah. It sits on the northwest edge of an area which slopes gently to the northeast. The wellpad area has a ground cover of sand and angular rock fragments. There is an outcrop of flat platy rock in a small gulley just beyond the southwest corner. The wellpad sits next to an existing jeep road.

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.

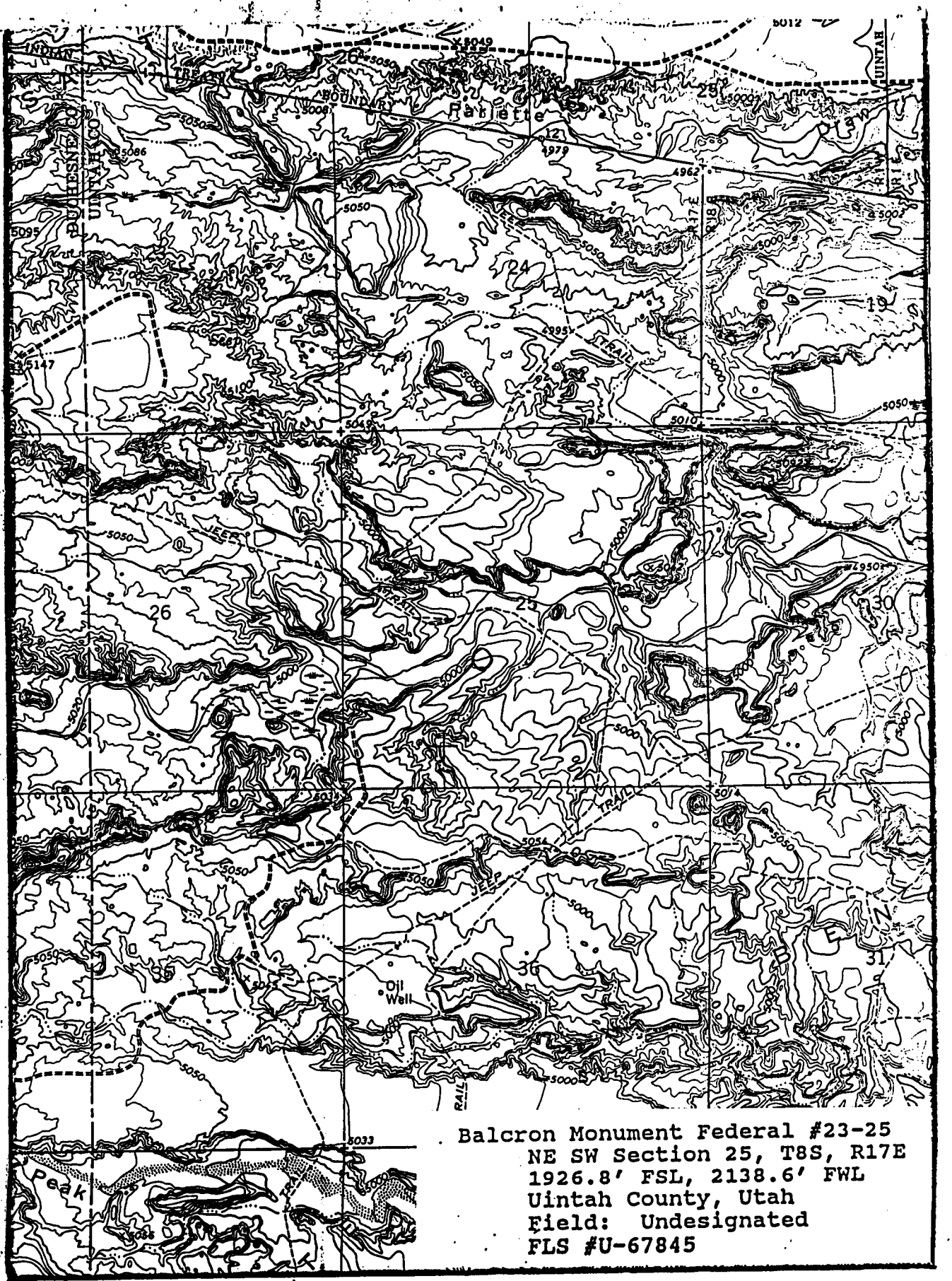
Paleontological material found -

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

Recommendations-

No other recommendations are made for this location.

Alden H. Hamblin Date July 1, 1994


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

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 43-047-32525
NW SE Section 25, T8S, R17E
Uintah County, Utah

Balcron Monument Federal #23-25 43-047-32529
NE SW Section 25, T8S, R17E
Uintah County, Utah

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

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: See attached listing
6. If Indian, Allottee or Tribe Name: n/a
7. If Unit or CA, Agreement Designation: 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

1. Type of Well: [X] 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): See attached listing

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other change in cement program	[ ] 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.)*

*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.

*See Instructions

Have approved APDs but not yet drilled (continued)

Balcron Monument Federal #43-15J
NE SE Section 15, T9S, R16E
Duchesne County, Utah
1777.9' FSL, 788.4' FEL
FLS #U-017985
Monument Butte Field
Jonah Unit
API #43-013-31423

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

Balcron Monument Federal #12-25 43-047-32526
SW NW Section 25, T8S, R17E
1486' FNL, 875.7' FWL
Uintah County, Utah
Field: Undesignated
FLS #U-67845

Balcron Monument Federal #13-25 43-047-32527
NW SW Section 25, T8S, R17E
2253.6' FSL, 483.9' FWL
Uintah County, Utah
Field: Undesignated
FLS #U-67845

Balcron Monument Federal #21-25 43-047-32528
NE NW Section 25, T8S, R17E
747.6' FNL, 1963.6' FWL
Uintah County, Utah
Field: Undesignated
FLS #U-67845

Balcron Monument Federal #23-25 43-047-32529
NE SW Section 25, T8S, R17E
1926.8' FSL, 2138.6' FWL
Uintah County, Utah
Field: Undesignated
FLS #U-67845

Balcron Monument Federal #31-25 43-047-32530
NW NE Section 25, T8S, R17E
660' FNL, 1980' 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 ☒

CONFIDENTIAL

August 11, 1994

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

BALCRON Monument Fed. 23-25
Sec 25 T8S R17E
43-047-32529

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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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 #23-25 Well, 1926' FSL, 2138' FWL, NE SW, 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.

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 43-047-32529.

Sincerely,

R.J. Firth
Associate Director

ldc
Enclosures
cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office
WOI1

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

6190

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

CONFIDENTIAL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] 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: NE SW Section 25, T8S, R17E 1926.8' FSL, 2138.6' FWL
At proposed prod. zone

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.: # 23-25
10. FIELD AND POOL, OR WILDCAT: Undesignated/Green River
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 25 T8S, R17E
12. COUNTY OR PARISH: Uintah
13. STATE: UTAH

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: 6,200'
20. ROTARY OR CABLE TOOLS: Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.): GL 4991.9'
22. APPROX. DATE WORK WILL START*: 8/1/94

23. PROPOSED CASING AND CEMENTING PROGRAM

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

RECEIVED
JUN 15 1994

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 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 13, 1994
Bobbie Schuman
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Edwin I. Forsman — TITLE ASSISTANT DISTRICT MANAGER MINERALS — DATE SEP 23 1994

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Balcron Monument Federal 23-25

API Number: 43-047-32524

Lease Number: U-67845

Location: NESW 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 base of the top of the Mahogany oil shale, identified at 3,006 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

A cement bond log (CBL) will be run from the production casing shoe to $\pm$ 2,806 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

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

Ed Forsman Petroleum Engineer	(801) 789-7077
Wayne P. Bankert Petroleum Engineer	(801) 789-4170
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, spend 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. Workers for Balcron or their contractors will not collect any paleontologic or archaeologic materials.

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

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

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

Two silt catchment basins shall be constructed Southwest of location where flagged to mitigate soil erosion caused by surface disturbance to develop this location.

1-25-95

Form 3160-5 (June 1990)
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
JAN 5 1995
DIV OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well
[X] 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: NE SW Section 25, T8S, R17E
TD: 1926' FSL & 2138' FWL

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 #23-25

9. API Well No.
43-047-32529

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	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Report of Spud.	[ ] 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 1-22-95 at 4 p.m.

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 1-23-95

(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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR Equitable Resources Energy Company
Balcron Oil Division

OPERATOR ACCT. NO. N 9890

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

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	11730	43-047-32529	Balcron Monument Federal #23-25	NE SW	25	8S	17E	Uintah	1-22-95	1-22-95
WELL 1 COMMENTS: 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)

RECEIVED
JAN 5 1995
OF OIL, GAS & MINING

Bobbie Schuman
Signature
Regulatory and Environmental Specialist 1-23-95
Title Date
Phone No. (406) 259-7860

WELL REPORT

43-047-32529

MONUMENT BUTTE
Balcron Oil 23–25 Federal
1927' FSL, 2139' FWL, 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

WELLSITE GEOLOGIST'S REPORT

MONUMENT BUTTE
Balcron Oil 23–25 Federal
1927' FSL, 2139' FWL, Sec. 25, T8S–R17E
Uintah County, Utah

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DENNIS C. REHRIG & ASSOCIATES, INC.
Oil & Gas Exploration
4924 RIMROCK ROAD • BILLINGS, MONTANA 59106 • (406) 656-4785

MONUMENT BUTTE
Balcron Oil 23-25 Federal
1927' FSL, 2139' FWL, Sec. 25, T8S-R17E
Uintah County, Utah

TABLE OF CONTENTS

By:
DENNIS C. REHRIG
Consulting Geologist
For:
DENNIS C. REHRIG & ASSOCIATES, INC.

Balcron Oil 23-25 Federal
1927' FSL, 2139' FWL, Sec. 25, T8S-R17E
Uintah County, Utah

GENERAL REVIEW

The Balcron Oil 23-25 Federal (NE¼SW¼ S-25, T8S-R17E, Uintah County, Utah) was drilled as a field extension development well in the Monument Butte Field.

This well was supported by subsurface offset well control and drilled primarily for identification of anticipated Douglas Creek and Carbonate Marker oil sands.

The surface hole was air drilled and surface casing was set by Union Drilling Co. Rig No. 17. This well was spudded on January 21, 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 1732' and 4970' making them respectively 23' high and 43' high structurally to the 1/2 mile offset Balcron Oil 11-25 Federal (NW¼NW¼, S-25, T8S-R17E) control well.

This well was drilled to 6200' Driller & 6192' Logger.

Subsequent to log review the operator elected to run 5½" production casing to 6182' K.B.

The rotary was released 2/2/95.

Respectfully submitted,

DENNIS C. REHRIG

Balcron Oil 23-25 Federal
1927' FSL, 2139' FWL, Sec. 25, T8S-R17E
Uintah County, Utah

WELL DATA

OPERATOR:	Balcron Oil
LEASE & WELL NO.:	Federal 23-25
LOCATION:	1927' FSL, 2139' FWL, Sec. 25, T8S-R17E
PROSPECT/FIELD:	Monument Butte Field
COUNTY:	Uintah
STATE:	Utah
BASIN:	Uintah
WELL TYPE:	Development - Field Extension
BASIS FOR PROSPECT:	Subsurface well control
ELEVATIONS:	G.L. 4992' (Graded), K.B. 5002'
SPUD DATE:	4:15 p.m. (MST) 1/21/95 ((Rotary)
OUT FROM UNDER SURFACE CASING:	7:15 p.m. (MST) 1/22/95
DRILLING COMPLETED:	3:00 p.m. (MST) 1/31/95
LOGGING COMPLETED:	8:00 p.m. (MST) 2/1/95
RIG RELEASE:	1:00 p.m. (MST) 2/2/95
TOTAL DAYS SPUD THOUGH LOGGING:	11 days
TOTAL DEPTH:	6,200' (Driller) 6,192' (Logger)

TOTAL DRILLING DAYS:	10 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 6182' K.B.
WELL STATUS:	Cased for oil completion attempt.	
PENETRATION:	409' below top of 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', 20 jts–6" DC. Tool joints: 6¼" OD, Type – XH.	
PUMPS:	No. 1 – Gardner–Denver FXN, 14" Stroke, 5½" Liner.	
MUD COMPANY:	Anchor Fluids, Inc. Operator bought products and drilling contractor mixed as needed.	
MUD PROGRAM:	Air/Foam – Surface to 4250'. KCl/water– 4250' to Total Depth	
ELECTRIC OPEN–HOLE LOGGING PROGRAM:	Schlumberger Logging Services, Inc. Engineers: Steve Robinson and Gorge Tracy Witnessed by: Dennis Rehrig and Al Plunkett Azimuthal Resistivity Imager w/Gamma Ray, Caliper & SP Curve (268'–6159'). Integrated Porosity Lithology Log w/Gamma Ray, Caliper & Tension Curve (2590'–6189'). Formation Microimager Monitor Log w/Gamma Ray & Dual Caliper (4500'–6189').	

LOST CIRCULATION ZONE OR DRILLING PROBLEMS:	Had black oil come into hole from 4200'–4250' while drilling on air, created some contamination problem thereafter. Lost two cones from bit run #3, made total of 3 runs in hole with magnet.
WELLSITE GEOLOGIST:	Dennis C. Rehrig
SAMPLING PROGRAM:	50' Samples from 1,700'–4,250'. 30' Samples from 4,250'–Total Depth. Except when got drilling break or gas show caught extra sample(s).
SAMPLE QUALITY:	Generally fair–good, if otherwise, was noted in report.
SAMPLE DISPOSITION:	Utah Geological Survey – Salt Lake City, Utah
MUD LOGGING EQUIPMENT:	Northwest Mudlogging Service – two–man unit operated by Larry Vodall and Ray Schmoldt.
CORE PROGRAM:	#1 – 5145'–5163' (Driller 5140'–5158' (Logger #2 – 5163'–5185' (Driller) 5158'–5180' (Logger)
DRILL STEM TEST:	None.
SURFACE CASING:	8–5/8" – Surface to 270' K.B. 6 Jts, Maverick 24 wt., J–55. Surface hole drilled and casing set by rotary rig. Details of cement not available for this report.
PRODUCTION CASING:	Ran new 5½" casing to 6182' K.B., 146 jts, Maverick 15.5 wt., J–55. 0emented w/175 sxs Hilift and 430 sxs 50–50 POZ with various additives in all cement. Plug down at 9:00 a.m. 2/2/95.

Balcron Oil 23-25 Federal
1927' FSL, 2139' FWL, 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) Drlg	Maint. and Repairs	Other	Bit No.	W O B (M)	RPM	PP	Activity
1	1/22	285'	285'	9.25	0	14.75	1&2	6–8	20–25	170	Rig down, move rig, rig up, drill and set conductor pipe, drill rathole, NU, drilling 12¾" hole, circ and clean hole, TOH, RU and run 8⅝" casing, RU and cement surface casing, plug down at 6:00 a.m.
2	1/23	893'	608'	9.50	0	14.50	3	40	60	260	WOC, weld head on, NU, test BOP and related parts, TIH w/DC, blow H_2O, drilling out plug, cement and shoe, drilling 7⅞" hole, survey, put on drive bushings, drilling, change over to DP, drilling, change airhead rubber, drilling.
3	1/24	2498'	1605'	22.50	0.75	0.75	3	40	55–60	270	Drilling, survey, service rig, drilling, survey, service rig and pumps, drilling, service rig and air, survey, drilling.
4	1/25	3608'	1110'	19.50	3.50	1.00	3	40	55–65	270	Drilling, survey, service rig, check BOP, drilling, survey, service rig and pumps, drilling, repair rig, service rig and air, drilling, survey.

Days Since Spud	1995 Date	Depth	Ftg in Last 24 Hrs	Activity (hrs) Drlg	Maint. and Repairs	Other	Bit No.	W O B (M)	RPM	PP	Activity
5	1/26	4512'	904'	22.25	0.75	1.00	3	40	70–75	1175	Service rig, check BOP,drilling, survey, drilling, load hole w/KCL–water, drilling, work on circ pump, drilling.
6	1/27	5073'	561'	21.50	1.00	1.50	3	40	70	1175	Drilling, survey, service rig, check BOP, drilling, service rig and pumps, drilling, service rig and pumps, drilling, TOH for bit.
7	1/28	5073'	0	0	0	24.00	Magnet	0	0	1200	TOH for bit, lost two cones, WO magnet, RU magnet, TIH w/magnet, work magnet on bottom, TOH, PU one cone, TIH w/bit #4, load hole and circulate, work junk left in hole, TOH, TIH w/magnet, load hole, tag nose cone w/magnet, TOH w/magnet and junk, TIH w/bit #4.
8	1/29	5163'	90'	5	0	19.00	4RR & 1♦	12–15	85	975	TIH, load hole, drilling, circ hole, TOH, make–up core barrel, TIH w/core barrel, coring, TOH, unload core barrel, TIH w/magnet, load hole.
9	1/30	5370'	207'	9.5	0.5	14.00	5 & 1♦RR	40	70	1100	TOH w/magnet (Rec. some bit inserts), service rig, TIH w/core barrel, load hole and circulate, coring, TOH w/core barrel, empty core barrel, WOO, breakdown core barrel and load out, TIH w/bit, drilling.
10	1/31	5968'	598'	21.00	0.25	3.75	5	40	75	1150	Drilling, survey, service rig, drilling, TOH for washout, drilling.

Days Since Spud	1995 Date	Depth	Ftg in Last 24 Hrs	Activity (hrs) Drlg	Maint. and Repairs	Other	Bit No.	W O B (M)	RPM	PP	Activity
11	2/1	6200'	232'	8.50	0.50	15.00	5	40	70	1125	Drilling, service rig and pumps, check BOP, drilling, clean and circulate hole for E–logs, TOH, RU loggers and log.
12	2/2	6200'	0	0	0	24.00	–	–	–	–	Run E–logs, RD loggers, TIH w/DC and half of DP, LD DP, TIH w/remaining DP, LD DP & DC, RU to run production casing, run casing.
13	2/3	6200'	0	0	0	7.00	–	–	–	–	RUu cementers, cement casing, plug down @ 9:00 a.m., WOC, release rig 1:00 p.m. 2/2/95.

Balcron Oil 23-25 Federal
1927' FSL, 2139' FWL, Sec. 25, T8S-R17E
Uintah County, Utah

SURVEYS VERTICAL HOLE

Drilling Depth	Degrees
550'	¾°
1050'	¼°
1550'	1°
2050'	1¼°
2550'	2°
3050'	1½°
3550'	1½°
4060'	1¾°
4560'	1¾°
5430'	2°
5943'	1½°
6200'	1¾°

Balcron Oil 23–25 Federal
1927' FSL, 2139' FWL, Sec. 25, T8S–R17E
Uintah County, Utah

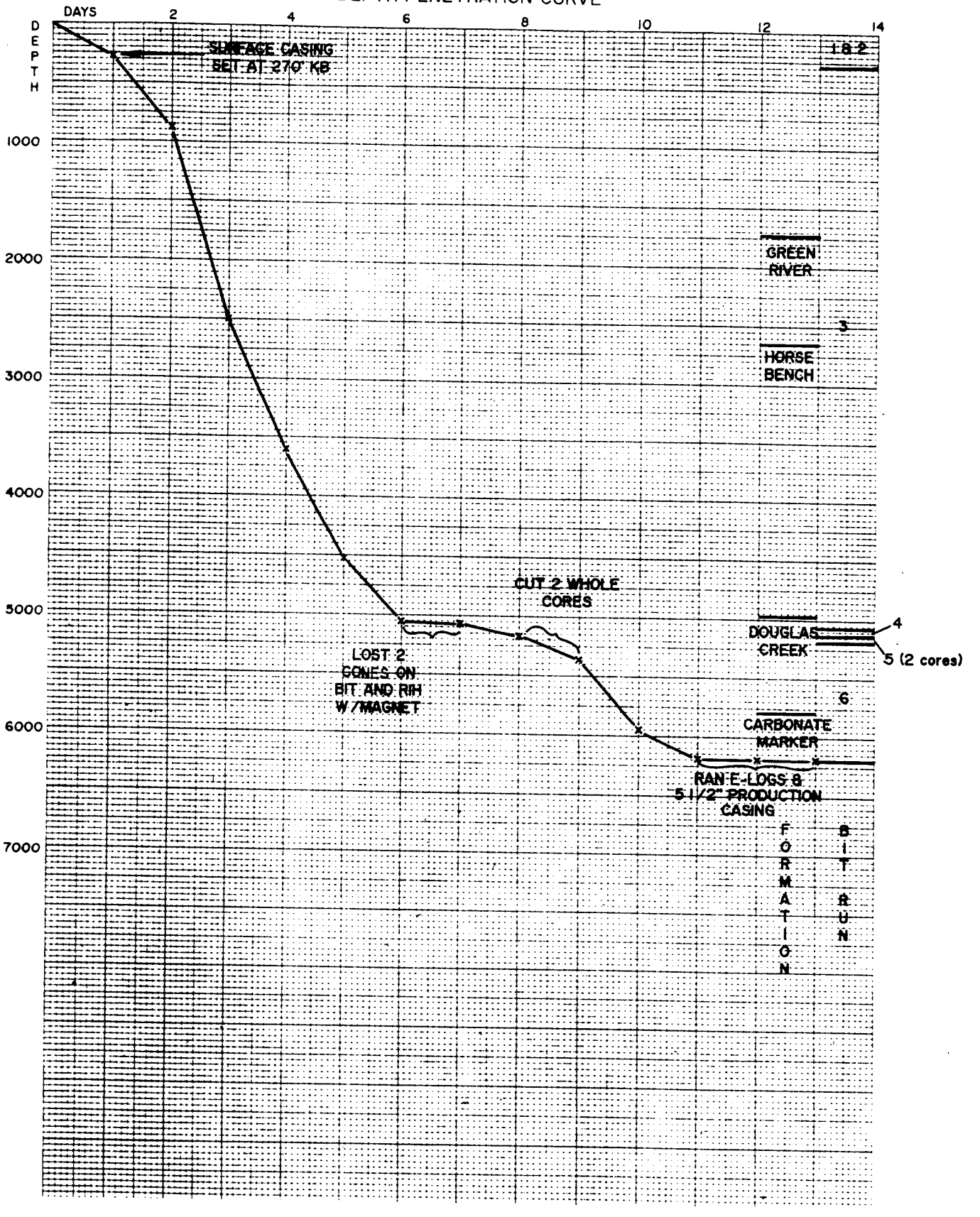
BIT RECORD

Contractor: Union Drilling Co. **Operator:** Balcron Oil **Lease:** Federal **State:** Utah **County:** Uintah **Sec/T–ship/Range:** NESW Sec. 25, T8S–R17E	**Rig No.** 17 **Field:** Monument Butte **Well No.** 23–25	**Rig Make:** Cabot–Franks **Derrick:** Cabot–Franks, 97' mast **Pump #1:** Gardner–Denver FXN Liner 5½" x 14" Stroke	**Collars: ODxIDxLength BHA** 6" x 2½" x 600' (20 jts) **Drill Pipe–Size Wt** 4½" 16.6 E **Tool Joint:** 6¼"	**SPUD** 1/21/95 **Under Surface** 1/22/95 **Total Depth** 1/31/95 **Total Days Drilling** 10	**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 4250' KCl/Water 4250' to TD

Bit No	Bit Size	Bit Type	Bit Mfg.	Serial No. of Bit	Jet Size	Depth Out	Footage	Hours Run	Acc Hrs	Ft/ Hr	Weight 1000#	Rotary RPM	Vert Dev	Air or Pump Press	% of bit life used	Remarks
1	17¼	Smith	FB	NA	–Open–	24	14'	.5	20.5	14	4/6	15/20		150	60%	WRR
2	12¼	Smith	FB	NA	–Open–	285	261'	5.25	119	49	6/8	15/25		150/170	60%	WRR
3	7⅞	SEC	S88CF	649301	16 16 16	5075	4790'	75	75	64	40	55/60		300/1050	All	Junk
4	7⅞	Smith	F4A	KT5361	11 11 15	5145	70'	2	62.25	35	40	60/70		1050	All	Junk
5	7⅞	C o r e B i t				5185	40'	2	2	20	15–20	65/70		1000		WRR
6	7⅞	HTC	ATJ44	M48WA	13 13 13	6200	1015'	32.5	32.5	31	40	65/70		1125		WRR

BALCRON OIL 23-25 FEDERAL
1927' FSL 2139' FWL, SECTION 25, T 8 S-R 17 E
UINTAH COUNTY, UTAH

TIME / DEPTH PENETRATION CURVE



Balcron Oil 23-25 Federal
1927' FSL, 2139' FWL, Sec. 25, T8S-R17E
Uintah County, Utah

FORMATION TOPS

ELEVATIONS: G.L. 4992' (Graded) K.B. 5002'

Formation	E-Log Top	Subsea Datum	Structural Relationship To Reference Well *
Green River	1732'	(+3270')	23' Hi
Horsebench Sand	2650'	(+2352')	29' Hi
2nd Garden Gulch	4190'	(+ 812')	49' Hi
Yellow Marker	4796'	(+ 206')	48' Hi
Douglas Creek	4970'	(+ 32')	43' Hi
2nd Douglas Creek Mkr	5230'	(- 228')	45' Hi
Green Marker	5394'	(- 392')	39' Hi
Carbonate Marker	5783'	(- 781')	94' Hi
Uteland Butte LS	NDE		
TOTAL DEPTH	6192' 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 23-25 Federal
1927' FSL, 2139' FWL, 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'

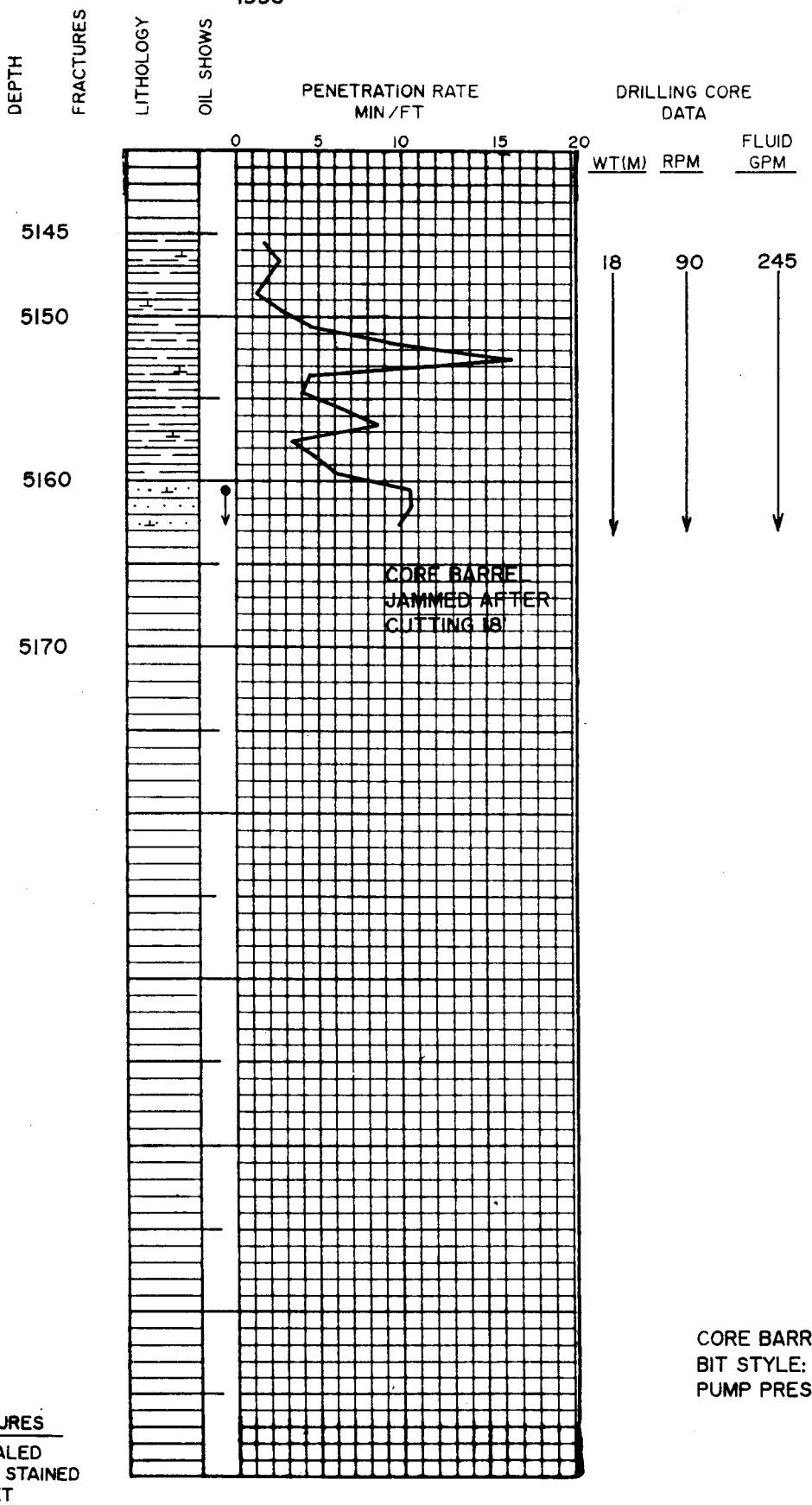
Formation		
Green River	1822'	(+3247')
Horsebench	2746'	(+2323')
2nd Garden Gulch	4306'	(+ 763')
Yellow Marker	4911'	(+ 158')
Douglas Creek	5080'	(+ 11')
2nd Douglas Creek Mkr	5342'	(- 273')
Green Marker	5500'	(- 431')
Carbonate Marker	5944'	(+ 875')
Uteland Butte LS	6343'	(-1274')
TOTAL DEPTH	6457'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

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

FORMATION: DOUGLAS CREEK INTERVAL: 5145'-5163' DRILLER CUT: 18'

RECOVERED: 18' CORE COMPANY: BAKER HUGHES HOLE SIZE: 7 7/8" CORE SIZE: 4" ID

DATE: JAN. 28 & 29, 1995 WELL SITE ANALYSIS BY: DENNIS REHRIG (MACROSCOPIC REVIEW)



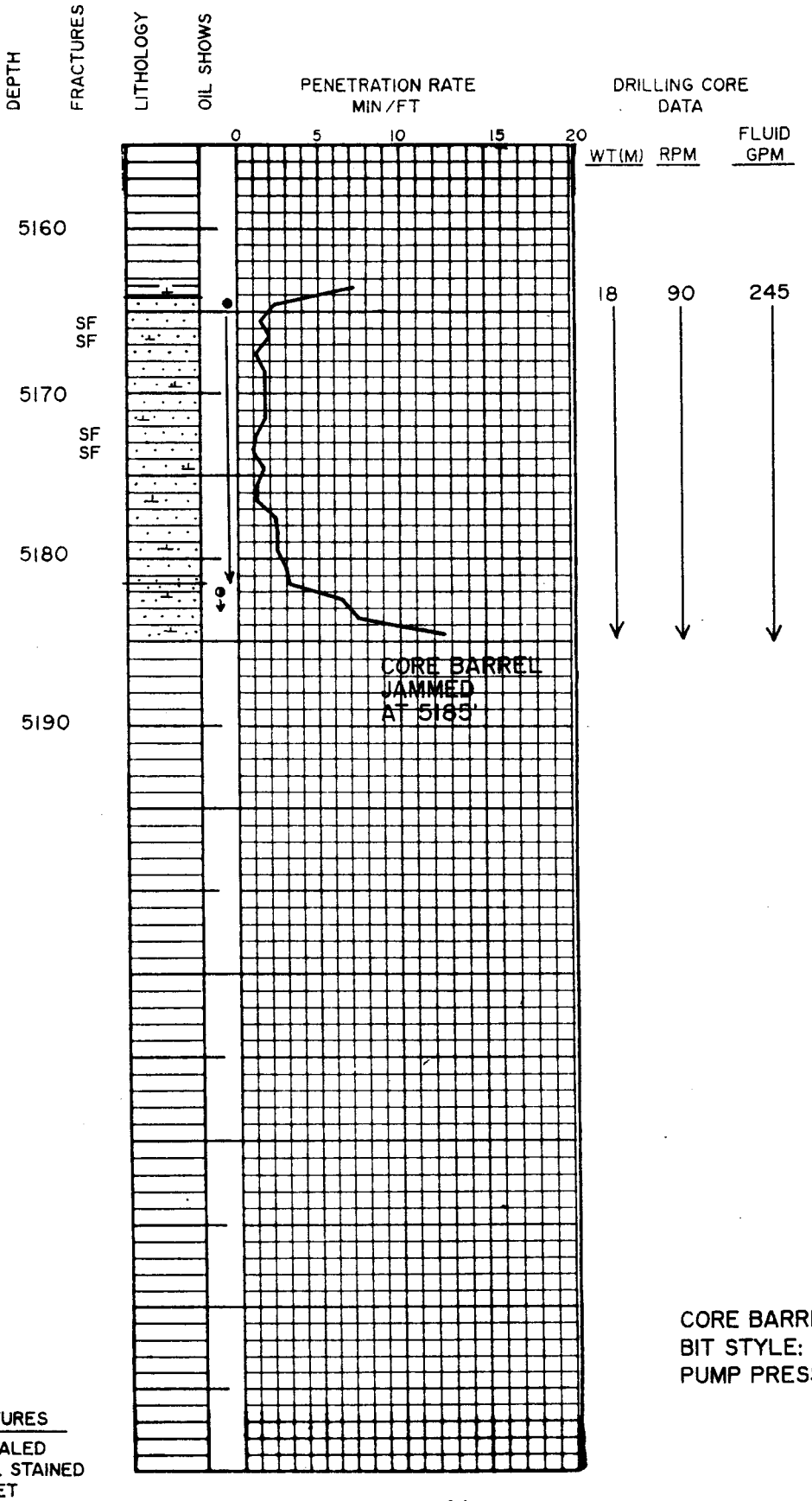
CORE BARREL TYPE: 250 P
BIT STYLE: RC-315
PUMP PRESSURE: 750-975

FRACTURES
HF - HEALED
SF - OIL STAINED
WF - WET
VSSF - VERY SLIGHTLY OIL STAINED

FORMATION: DOUGLAS CREEK INTERVAL: 5163'-5185' DRILLER CUT: 22'

RECOVERED: 22" CORE COMPANY: BAKER HUGHES HOLE SIZE: 7 7/8" CORE SIZE: 4" ID

DATE: JAN. 29, 1995 WELL SITE ANALYSIS BY: DENNIS REHRIG (MACROSCOPIC REVIEW)



CORE BARREL TYPE: 250 P
BIT STYLE: RC-315
PUMP PRESSURE: 750-900

FRACTURES
HF - HEALED
SF - OIL STAINED
WF - WET
VSSF - VERY SLIGHTLY OIL STAINED

Balcron Oil 23-25 Federal
1927' FSL, 2139' FWL, Sec. 25, T8S-R17E
Uintah County, Utah

SIGNIFICANT GAS KICKS AND/OR SHOWS AS REPORTED BY MUDLOGGER

Formation	Sample Depth	Time (Before-During-After) Min/Ft	Total Gas (Before-During-After)	Remarks
2nd Garden Gulch	4200'-4250'	0.9 - 1.5 - 0.8	20 - 100 - 10	Abundant oil on pits
2nd Garden Gulch	4484'-4492'	2.5 - 1.4 - 2.0	6 - 9 - 6	
2nd Garden Gulch	4546'-4552'	1.6 - 0.8 - 1.8	6 - 90 - 8	
Douglas Creek	5162'-5182'	4.0 - 1.0 - 3.0	6 - 130 - 4	Whole core
2nd Douglas Creek	5308'-5314'	2.0 - 1.4 - 2.1	6 - 30 - 8	
2nd Douglas Creek	5340'-5344'	2.0 - 1.8 - 2.2	6 - 26 - 8	
Carbonate Marker	5832'-5842'	3.0 - 0.9 - 2.0	20 - 180 - 20	
Carbonate Marker	5856'-5868'	2.2 - 1.0 - 3.0	20 - 140 - 16	
Carbonate Marker	5892'-5908'	2.2 - 1.0 - 3.0	20 - 140- 20	
Carbonate Marker	5928'-5936'	2.0 - 1.6 - 3.0	20 - 60 - 20	
Carbonate Marker	5962'-5973'	3.0 - 1.4 - 3.0	20 - 70 - 20	
Carbonate Marker	6132'-6140'	2.0 - 1.2 - 3.0	25 - 90 - 25	

POTENTIAL SANDSTONE ZONES

Provided by Wellsite Geologist

E-Log Depth (Integrated Porosity Lithology Log)

4200'-4204'	Had considerable quantity of oil on pit and in samples.
4492'-4498'	Borderline porosity.
*4544'-4552'	
4590'-4598'	
4604'-4609'	
4716'-4730'	Best porosity at base of Sandstone
4746'-4951'	No sample show but good porosity and resistivity.
*5160'-5178'	Zone cored
5300'-5308'	
5326'-5339'	No sample show, but borderline porosity, good resistivity, minor gas show.
5824'-5834'	
5847'-5859'	Borderline porosity.
5884'-5900'	
5956'-5967'	
6125'-6132'	Borderline porosity.

* = Best visual shows in cuttings or core.

Balcron Oil 23-25 Federal
1927' FSL, 2139' FWL, Sec. 25, T8S-R17E
Uintah County, Utah

SAMPLE DESCRIPTIONS

By: Dennis C. Rehrig

Samples caught by Mud Loggers. Samples were examined wet, under reflected light and 3X magnification from 1700' to total depth, for porosity identification samples were dried. Sample descriptions tie moderately well to drill time log and E-logs. Samples appear generally fair-good but correlations to penetration rates are generally 5-8' low to E-logs below 5070'. All sample descriptions are interpretive. NOTE: Many shales fluorescence and yield a cut in this section, also much rock becomes contaminated while air drilling, thus generally only shows which are felt to be significant to production from sandstone reservoirs are reported.

1700-50 Shale - medium gray-brownish gray, occasionally light gray-tan, moderately firm-moderately soft, generally moderately calcareous-slightly carbonaceous in part, commonly silty and pyritic.

Dolomite-Argillaceous Dolomite - buff-orangish cream-tan-cream, moderately soft-occasionally moderately firm, microcrystalline-occasionally cryptocrystalline, dense.

Siltstone ranging to very fine grained Sandstone - milky-white, moderately well consolidated, slightly calcareous, slightly argillaceous, frequently specks of carbonaceous material and lithic fragments, some Glauconite and Pyrite, sub-angular, moderately well sorted, some poor intergranular porosity, NSFOC.

1750-1800 Limy Dolomite-Dolomite - tan-orangish brown-tan, slightly mahogany in part, cryptocrystalline-microcrystalline, firm-moderately firm, dense, slightly carbonaceous in part, frequently pyritic.

Shale - medium brownish gray-medium gray-tan, frequently light gray, moderately firm-occasionally moderately soft, commonly specked-mottled with dark brown-black carbonaceous material and Pyrite, commonly silty.

Sandstone very fine-fine grained commonly ranging to Siltstone - generally milky, commonly peppered with carbonaceous material, lithic fragments, Glauconite , abundant Pyrite, generally well consolidated, moderately-poorly sorted, slightly calcareous, slightly-moderately argillaceous, sub-angular, generally tight, NSFOC.

1800–50 Dolomite–Argillaceous Dolomite – mahogany–tan, reddish brown, firm–moderately firm, slightly carbonaceous in part, cryptocrystalline–microcrystalline.

Some Shale and Sandstone ranging to Siltstone as above.

1850–1950 Sandstone generally fine to very fine grained ranging to Siltstone – milky–light gray, abundant specked–mottled dark brown carbonaceous material, generally moderately well consolidated, moderately–poorly sorted, commonly lithic fragments and Glauconite, abundant Pyrite, slightly calcareous, slightly–moderately argillaceous in part, generally looks tight, looks stained from abundance of carbonaceous material, no fluorescence, very faint dull gold–bronze milky cut. No live oil show present.

Shale – Dolomite–Argillaceous Dolomite as above.

1950–2050 Dolomite–Argillaceous Dolomite – tan–mahogany, microcrystalline, moderately soft–moderately firm, commonly pyritic in tan rock, slightly carbonaceous, slightly argillaceous in part, much clear–amber crystalline–spar Calcite.

2050–2100 Limy Dolomite–Dolomite – tan–grayish tan, microcrystalline, moderately firm–moderately soft, slightly–moderately argillaceous, commonly clear crystalline–spar Calcite, slightly carbonaceous.

Shale – dark gray black–black–dark brown, soft–moderately soft, very slightly calcareous, highly carbonaceous.

2100–2200 Dolomite–Argillaceous Dolomite – mahogany occasionally tan, microcrystalline, moderately firm–occasionally firm, slightly carbonaceous, abundant clear–milky–amber crystalline–spar Calcite, siliceous in part, occasionally pyritic.

2200–2350 Limestone–Dolomitic Limestone – tan–very light brown, microcrystalline, moderately firm, slightly argillaceous in part, commonly pyritic.

Dolomite–Argillaceous Dolomite as above.

2350–2400 Limy Dolomite occasionally Dolomite – light–medium brown–tan–mahogany, microcrystalline, moderately firm, frequently pyritic, commonly clear–milky–amber crystalline–spar Calcite.

2400–50 Dolomite–Argillaceous Dolomite – medium–dark brown, microcrystalline, moderately firm–firm, slightly carbonaceous in part commonly amber–milky–clear crystalline–spar Calcite, frequently pyritic.

2450–2500	Limy Dolomite occasionally Dolomite – light–medium brown, occasionally dark brown, moderately firm, microcrystalline, slightly carbonaceous, occasionally pyritic, some amber–clear crystalline–spar Calcite.
2500–2600	Limestone–Dolomitic Limestone – light–medium brown, occasionally dark brown, moderately firm–firm, microcrystalline, slightly carbonaceous, commonly microcrystalline disseminated Pyrite, commonly amber–milky–clear crystalline–spar Calcite, siliceous in part.
2600–50	Limestone–Dolomitic Limestone – light–medium brown–grayish brown, commonly slightly mahogany–amber, slightly argillaceous, microcrystalline, moderately firm–firm, commonly amber–milky–clear crystalline–spar Calcite, slightly–moderately carbonaceous, some algal laminae, siliceous in part, commonly pyritic.
2650–2700	Dolomitic Limestone–Limestone – tan–light to medium gray to light brown, microcrystalline–cryptocrystalline, firm–moderately firm, slightly argillaceous, frequently pyritic, siliceous in part.
2700–50	Dolomitic Limestone–Limestone – tan–light gray–light tannish gray, occasionally medium brown, microcrystalline occasionally cryptocrystalline, generally firm occasionally moderately firm, slightly argillaceous in part, slightly pyritic in part.
2750–2800	Dolomitic Limestone–Limestone – light tan–cream, microcrystalline occasionally cryptocrystalline, generally firm–moderately firm, commonly amber–milky–clear crystalline–spar Calcite, siliceous in part, occasionally pyritic. Some Dolomite – medium–dark brown– slightly mahogany, microcrystalline–cryptocrystalline, firm–moderately firm, slightly–moderately carbonaceous, occasionally pyritic.
2800–50	Dolomite–Argillaceous Dolomite – tan–medium to dark brown–mahogany microcrystalline, moderately firm–firm, slightly–moderately carbonaceous, abundant amber–clear crystalline–spar Calcite, occasionally pyritic.
2850–2900	Dolomite–Argillaceous Dolomite – generally as above, occasionally dark brown–dark grayish black with more carbonaceous material.
2900–50	Dolomite–Argillaceous Dolomite – mostly tan, frequently light–medium brown, occasionally mahogany, microcrystalline, moderately firm–moderately soft, slightly carbonaceous in part, some amber–clear spar Calcite, trace of Pyrite.

2950–3000 Dolomite–Argillaceous Dolomite – tan–medium to dark brown–dark grayish brown, microcrystalline, moderately firm–moderately soft in part, slightly–moderately carbonaceous, occasionally highly carbonaceous, occasionally pyritic.

3000–50 Dolomite–Argillaceous Dolomite – tan–medium to dark brown–dark brownish gray, microcrystalline, firm–moderately soft, generally moderately carbonaceous, but highly carbonaceous in part, frequently algal laminae, frequently pyritic.

3050–3100 Dolomite–Argillaceous Dolomite – generally medium brown occasionally tannish gray–grayish black, microcrystalline, firm–moderately firm, slightly argillaceous in part, generally slightly–moderately carbonaceous, trace of algal laminae, frequently siliceous and pyritic.

3100–50 Dolomite–Argillaceous Dolomite – light–medium brown, commonly light tan–slightly mahogany, microcrystalline–occasionally cryptocrystalline, firm–moderately soft, slightly–moderately carbonaceous, frequently algal laminae, frequently pyritic.

3150–3200 Dolomite–Argillaceous Dolomite – tan–medium–dark brown, slightly orangish brown–mahogany, microcrystalline–frequently cryptocrystalline, firm–moderately soft, frequently algal laminae, slightly–moderately carbonaceous, frequently pyritic.

Shale – light gray–light tannish gray, moderately firm, slightly calcareous, commonly silty, abundant Pyrite.

3200–3300 Sandstone – fine to very fine grained–frequently medium grained ranging to Siltstone – milky–light gray–white, frequently peppered with carbonaceous material, lithic fragments, Pyrite and Glauconite, moderately unconsolidated–slightly friable in part, sub–angular to sub–round, moderately well sorted, slightly calcareous, some fair–good intergranular porosity, occasionally spotty medium–dark brown oil stain, very faint dull gold fluorescence in part, weak bright yellow flash–ring cut.

Shale – light–medium gray with emerald tinge in part, moderately firm, slightly–moderately calcareous, frequently silty, frequently specks of Glauconite.

3300–50 Siltstone occasionally ranging to very fine grained Sandstone – buff–light tan, moderately firm, moderately–highly calcareous, slightly–moderately argillaceous, poorly sorted, peppered with carbonaceous material, lithic fragments and Glauconite, NSFOC.

Some Sandstone as above, possibly cavings.

3350–3400 Argillaceous Dolomite–Dolomite – tan–orangish brown, medium–dark brown, firm–moderately soft, microcrystalline–cryptocrystalline, slightly–highly carbonaceous, frequently algal laminae, frequently pyritic.

Shale – light–medium gray to tannish gray, moderately firm, slightly–moderately calcareous, frequently specked with carbonaceous material and Pyrite, commonly silty.

Siltstone – light–medium gray to tannish gray, occasionally ranging to very fine grained Sandstone commonly peppered with carbonaceous material, Glauconite and Pyrite, slightly–moderately calcareous, slightly–moderately argillaceous, NSFOC.

3400–50 Shale – light gray–tannish gray, slightly–moderately calcareous, abundant Pyrite, slightly carbonaceous in part, some dark brown–brownish black, firm, slightly calcareous, moderately–highly carbonaceous.

Dolomite–Argillaceous Dolomite – orangish brown to light–medium brown, microcrystalline–cryptocrystalline, firm–moderately firm, slightly carbonaceous in part.

3450–3500 Shale – light gray occasionally tannish gray, moderately firm, slightly–moderately calcareous, frequently pyritic, commonly silty.

Limestone–Dolomitic Limestone – cream–buff, microcrystalline, moderately firm–moderately soft, slightly argillaceous, gritty in part.

3500–50 Shale – light–medium gray, moderately firm, commonly silty–gritty, slightly–moderately calcareous, commonly specks of carbonaceous material, occasionally pyritic.

Some Siltstone – milky–light gray, well consolidated, firm, slightly argillaceous, slightly–moderately calcareous, some specks carbonaceous material, Glauconite, frequently pyritic, NSFOC.

Some Limestone – buff–light tan, microcrystalline, moderately firm–dense.

3550–3600 Dolomite–Argillaceous Dolomite – generally medium brown, frequently dark tan, cryptocrystalline–occasionally microcrystalline, firm, slightly carbonaceous, commonly pyritic.

Some Limy Dolomite–Dolomite – cream–buff–light tan, microcrystalline, moderately firm, occasionally speck of carbonaceous material.

3600–50 Dolomite–Argillaceous Dolomite as above.

Dolomite–Argillaceous Dolomite – light tan–yellowish tan–cream–milky, cryptocrystalline–microcrystalline, generally firm, occasionally specks of carbonaceous material and Pyrite.

3650–3700 Dolomite–Argillaceous Dolomite as above, slightly orangish tan in part.

Shale – cream–light gray, moderately soft, slightly–moderately calcareous, frequently specks of carbonaceous material, frequently silty and pyritic.

Siltstone occasionally ranging to very fine–fine grained Sandstone, milky–light gray, well consolidated, poorly sorted, sub–angular, slightly calcareous, slightly argillaceous, commonly pyritic, no apparent porosity, NSFOC.

3700–50 Limestone–Dolomitic Limestone – buff–light tan, cryptocrystalline–occasionally microcrystalline, moderately soft, trace of ostracods.

Some Dolomite–Argillaceous Dolomite–Limy Dolomite as above.

3750–3800 Shale – medium–dark gray to tannish gray, moderately firm, slightly–moderately calcareous, slightly–moderately carbonaceous, frequently pyritic.

Limestone – light tan–buff, microcrystalline occasionally cryptocrystalline, moderately firm–moderately soft, slightly argillaceous in part, slightly mottled in part and earthy.

Dolomite–Argillaceous Dolomite as above.

3800–50 Limestone as above, frequently ostracods.

Dolomite–Argillaceous Dolomite – tan–medium brown, microcrystalline, moderately firm, slightly carbonaceous.

Shale – light–medium gray, very slightly emerald in part, moderately soft–moderately firm, slightly–moderately carbonaceous.

3850–3900 Siltstone occasionally ranging to very fine grained Sandstone – milky–clear–white, moderately well consolidated, slightly calcareous, slightly argillaceous, sub–angular to sub–round, moderately well sorted, some fair very fine intergranular porosity, some very faint light brown even oil stain and some spotty medium brown oil stain, very faint dull gold fluorescence in part, fair bright yellow flash–slow streaming cut.

Shale – light–medium gray–cream, moderately soft, slightly–moderately calcareous, silty in part, slightly carbonaceous in part, some Pyrite.

3900–50 Very fine grained Sandstone ranging to Siltstone – moderately unconsolidated, frequently loose Quartz grains, milky–clear, sub–angular, slightly calcareous in part, slightly argillaceous in part, moderately well sorted, fair–good intergranular porosity, generally NSFOC, but some very faint brown oil stain–medium brown spotty oil stain, very weak dull gold fluorescence in part and fair–weak flash–slow streaming cut. Some Pyrite.

Shale as above.

3950–4000 Shale – generally medium gray, moderately soft, moderately calcareous, slightly carbonaceous, also Shale – dark brown–dark grayish brown–grayish black, slightly calcareous, moderately firm–moderately soft, moderately–highly carbonaceous, frequently pyritic.

4000–50 Shale – light gray–light tannish gray, moderately soft, slightly–moderately calcareous, frequently silty, commonly pyritic.

4050–4100 Shale – light gray occasionally slightly emerald as above, also Shale – dark grayish brown–grayish black, moderately soft–moderately firm, slightly calcareous, moderately–highly carbonaceous.

Dolomite–Argillaceous Dolomite – tan–medium to dark brown, moderately firm, cryptocrystalline–microcrystalline, slightly carbonaceous in part, some Pyrite.

Some Limestone – buff–tan generally microcrystalline, moderately soft–moderately firm, slightly argillaceous in part.

4100–50 Shale – slightly emerald–tan occasionally light–medium gray, moderately soft, slightly–moderately calcareous, slightly carbonaceous in part, occasionally Pyrite.

Limestone–Dolomitic Limestone – tan occasionally light brown, microcrystalline–cryptocrystalline, moderately firm to moderately soft, slightly mottled in part, slightly carbonaceous in part, trace ostracods.

4150–4200 Shale – light emerald–light gray–tan, as above.

Sandstone – very fine–fine grained ranging to Siltstone, frequently loose Quartz grains, clear–milky, moderately consolidated, sub–angular to sub–round, moderately well sorted, apparently some fair–good intergranular porosity, NSFOC.

4200–50 Sandstone very fine–fine grained, milky–clear, slightly calcareous in part, generally unconsolidated–slightly friable, sub–angular to sub–round, moderately well sorted, some fair–good intergranular porosity, very faint light even brown oil stain in part–pinpoint spotty medium brown oil on grain contacts in part, faint dull gold fluorescence in part, fair–week dull good–dull yellow flash–diffuse milky cut. Best show in acceptable quality reservoir to this point in this well, frequently dark brown globs of oil in sample.

Switched to drilling with KCL water.

Some Shale – light–medium gray to tannish gray, moderately soft, slightly–medium calcareous, slightly carbonaceous in part.

4250–80 Shale – light gray with slightly emerald tint, frequently cream commonly mottled–streaked with light–medium brown carbonaceous material, moderately soft, slightly calcareous frequently silty.

Dolomite–Argillaceous Dolomite – orangish brown–yellowish tan in part, microcrystalline, moderately firm–moderately soft, slightly carbonaceous.

Siltstone occasionally ranging to very fine grained Sandstone, light gray with faint emerald tinge, milky–light tan, moderately well consolidated, slightly calcareous, slightly argillaceous, moderately well sorted, sub–angular to sub–round, frequently light–medium even–spotty brown oil stain, very faint dull gold fluorescence and weak diffuse bluish–yellow milky cut. Some fair intergranular porosity, but porosity and permeability likely not good enough to be commercial.

4280–4310 Shale – dark brown–dark grayish brown, slightly calcareous, moderately carbonaceous, sub–blocky, firm–moderately firm, also commonly emerald, moderately firm–firm, generally non–calcareous, slightly carbonaceous.

Limestone–Dolomitic Limestone – tan to light–medium brown, frequently mottled, cryptocrystalline occasionally microcrystalline, moderately firm–moderately soft, slightly argillaceous in part, some pellets.

Some Dolomite–Argillaceous Dolomite as above.

4310–40 Limestone – buff–tan, cryptocrystalline–occasionally microcrystalline, moderately soft, slightly argillaceous in part, some ostracods.

Shale – medium gray–tannish gray, occasionally very slightly emerald, moderately firm–moderately soft, slightly calcareous, slightly carbonaceous in part, frequently silty, trace Pyrite.

4340–70	Shale as above. Limestone–Dolomitic Limestone – light–medium brown, occasionally buff–light tan, generally cryptocrystalline, generally moderately firm, trace ostracods and other unidentifiable fossil fragments.
4370–4400	Shale – slightly emerald, occasionally cream and slightly mottled with carbonaceous material, moderately firm–moderately soft, slightly calcareous, occasionally specks of carbonaceous material, some Pyrite. Dolomite–Limy – orangish brown–yellowish tan, microcrystalline moderately firm–moderately soft, slightly argillaceous in part, slightly–moderately carbonaceous.
4400–30	Shale – light–medium gray–cream–slightly emerald, frequently streaked–mottled with carbonaceous material, moderately soft, slightly calcareous, also Shale – medium–dark brown to dark grayish tan, moderately firm, slightly calcareous, moderately carbonaceous. Some Dolomite–Argillaceous Dolomite and Limestone as above.
4430–60	Shale – light–medium gray, frequently cream, moderately soft, slightly–moderately calcareous, slightly carbonaceous in part, silty in part, frequently specks of carbonaceous material and Pyrite. Some Dolomite–Argillaceous Dolomite and Limestone as above.
4460–90	Shale – slightly emerald, cream–light gray highly streaked and mottled with carbonaceous material, moderately soft, slightly–moderately calcareous. Sandstone very fine grained commonly ranging to Siltstone – milky–light brown, generally well consolidated, slightly calcareous, slightly argillaceous, moderately well sorted, sub–angular, some fair intergranular porosity, good light–medium brown even–spotty oil stain, no fluorescence, good bright yellow flash–milky cut. Very fine grained and not good drilling break but if E–logs substantiate adequate porosity, then zone may be commercial. Dolomite–Argillaceous Dolomite and Limestone as above.
4490–4520	Shale – slightly emerald–light gray–occasionally cream, commonly specked or streaked with carbonaceous material and Pyrite, moderately soft, slightly calcareous.

Dolomite–Argillaceous Dolomite – orangish brown to yellow tan, microcrystalline, moderately firm–moderately soft, slightly argillaceous in part, slightly–moderately carbonaceous.

Some Limestone – tan–buff occasionally cream, occasionally mottled, microcrystalline–cryptocrystalline, moderately firm–soft, argillaceous in part, trace Pyrite.

4520–50 Dolomite–Argillaceous Dolomite – orangish brown–yellowish tan, microcrystalline, firm–moderately firm, slightly–moderately carbonaceous.

Shale – cream–light gray–grayish tan, generally mottled–streaked with carbonaceous material and Pyrite moderately soft–soft, slightly–moderately calcareous.

Some Sandstone very fine–fine grained, milky–light brown, moderately well consolidated–slightly friable in part, moderately well sorted, sub–angular to sub–round, slightly calcareous in part, slightly argillaceous in part, occasionally speck of carbonaceous material and occasionally Glauconite, fair–good intergranular porosity, light brown even oil stain–spotty medium–dark brown oil stain on grain contacts, some dull gold fluorescence in part, fair–good bluish–yellow flash–milky cut. Zone should be commercial if porosity confirmed by E–logs.

4550–80 Shale – medium–dark gray, dark tannish gray, moderately soft, slightly–moderately calcareous, moderately–highly carbonaceous, sub–blocky to sub–platy in part.

Some Dolomite–Argillaceous Dolomite as above.

4580–4610 Shale mixture like 4520–50 above and directly above, some emerald color.

Dolomite–Argillaceous Dolomite as above.

Sandstone – very fine–fine grained milky–light–medium brown, moderately unconsolidated–friable, moderately well sorted, mostly sub–angular, slightly calcareous in part, slightly argillaceous in part, commonly fair–good intergranular porosity, generally light–dark brown even oil stain occasionally spotty medium–dark brown, generally dull gold fluorescence, fair bluish–yellow flash–ring cut. Should be a commercial zone.

Some Limestone – buff–tan, microcrystalline–cryptocrystalline, moderately firm–moderately soft, slightly argillaceous in part.

4610–70 Shale – generally light–medium gray frequently dark gray–dark brownish gray–black, generally moderately soft, slightly–moderately calcareous, slightly–occasionally highly carbonaceous, sub–blocky.

Some Dolomite–Argillaceous Dolomite as above.

4670–4700 Shale – black–dark brown with orange–bronze cast, moderately soft, sub–fissile to sub–platy, very slightly calcareous in part, generally highly carbonaceous, some light gray–slightly emerald Shale as above.

Some Dolomite–Argillaceous Dolomite as above.

4700–30 Shale – light–medium gray frequently cream–slightly emerald, moderately soft, occasionally streaked–mottled with carbonaceous material slightly–moderately calcareous, frequently pyritic.

Dolomite–Argillaceous Dolomite – orangish brown–yellowish tan, moderately firm–occasionally moderately soft, slightly argillaceous in part, generally microcrystalline, occasionally amber–clear spar Calcite, slightly–moderately carbonaceous, siliceous in part with Pyrite.

Some Sandstone very fine grained occasionally ranging to Siltstone – moderately–well consolidated, slightly calcareous, slightly argillaceous, moderately–poorly sorted, generally sub–angular, some fair–good intergranular porosity, frequently spotty medium–dark brown oil stain, some dull gold fluorescence, fair bluish–yellow flash–milky cut. If E–logs substantiate zone to be thick enough and porous, then should be commercial.

Some Limestone as above.

4730–60 Dolomite–Argillaceous Dolomite as above.

Limestone – buff–tan, generally microcrystalline, moderately soft, slightly argillaceous in part, frequently specks of carbonaceous material, frequently pyritic.

Shale – light gray–cream as above.

Sandstone – very fine–fine grained occasionally medium grained, generally milky–white, some Sandstone with show as above, generally well consolidated, slightly–moderately calcareous, slightly argillaceous, moderately–poorly sorted, sub–angular, generally no porosity, NSFOC.

4760–90 Shale – black–dark gray with bronze cast, generally soft very slightly calcareous, highly carbonaceous, sub–fissile to sub–platy, also much Shale – light–medium gray to cream as above.

Some Dolomite–Argillaceous Dolomite as above.

4790–4820 Shale – medium–dark gray to dark tannish gray occasionally light gray–cream, generally moderately soft, slightly–moderately calcareous, slightly–moderately carbonaceous, sub–blocky, frequently pyritic.

Dolomite–Argillaceous Dolomite and Limestone as above.

4820–50 Dolomite–Argillaceous Dolomite – generally orangish brown–yellow tan to occasionally mahogany, firm–moderately firm, microcrystalline, slightly argillaceous in part, generally moderately carbonaceous, commonly light tan–buff Dolomite, microcrystalline, with fair–good microcrystalline porosity, with pinpoint light–medium brown oil stain, dull gold fluorescence, weak bright yellow ring cut.

Limestone – tan–buff–light gray, commonly microcrystalline, frequently light–medium gray–tan ostracods, moderately firm, some clear spar Calcite.

Shale – light–medium gray, frequently cream–emerald, commonly highly mottled–streaked with carbonaceous material and Pyrite, medium soft, slightly–moderately carbonaceous, silty in part.

Some Sandstone very fine–fine grained ranging to Siltstone, milky–light gray, generally well consolidated, poorly sorted, sub–angular to sub–round, slightly–moderately calcareous, slightly–moderately argillaceous, commonly pyritic, tight, NSFOC.

4850–80 Dolomite–Argillaceous Dolomite orangish brown–yellow tan occasionally dark brown, microcrystalline, firm–moderately firm, slightly argillaceous in part, slightly–moderately carbonaceous, dense.

Shale – light–medium gray–occasionally emerald, moderately soft, slightly–moderately calcareous, frequently specked with carbonaceous material and Pyrite, silty in part.

Some Sandstone very fine grained ranging to Siltstone – milky–light brown, well consolidated, moderately–poorly sorted, sub–angular, slightly calcareous, slightly argillaceous, some poor intergranular porosity, frequently spotty medium–dark brown oil stain, with dull gold fluorescence in part, very weak diffuse bluish–yellow milky–ring cut. Probably too tight to be commercial, plus not much Sandstone in sample.

4880–4910	Shale – light–medium gray, occasionally cream, moderately soft, frequently specked–streaked with carbonaceous material and Pyrite, slightly–moderately calcareous, silty in part.
	Dolomite–Argillaceous Dolomite as above.
4910–40	Shale generally as above, slightly emerald in part.
	Dolomite–Argillaceous Dolomite as above.
4940–70	Limy Dolomite–Dolomite – yellowish tan–orangish brown, microcrystalline–cryptocrystalline, firm–moderately soft, argillaceous in part, slightly–moderately carbonaceous, frequently in contact with milky crystalline–spar Calcite, trace Pyrite.
	Shale – cream–light gray commonly specked–streaked with carbonaceous material and microcrystalline disseminated Pyrite, moderately soft, slightly–moderately calcareous.
	Some Limestone – tan–buff microcrystalline, moderately soft, argillaceous in part, some pellets in part, occasionally milky–clear spar Calcite.
4970–5000	Shale as above, plus dark tan–tannish gray, moderately firm, slightly calcareous, slightly–moderately carbonaceous.
	Limy Dolomite–Dolomite as above.
	Some Limestone as above.
5000–30	Shale – light–medium gray occasionally cream–tan–emerald, moderately soft–moderately firm, slightly–moderately calcareous, slightly–moderately carbonaceous, frequently specks of carbonaceous material, frequently pyritic.
	Limy Dolomite–Dolomite as above.
	Some Sandstone fine to very fine grained milky, well consolidated, slightly calcareous, slightly–moderately argillaceous, moderately–poorly sorted, sub–angular to sub–round, commonly peppered with carbonaceous material, lithic fragments and Glauconite, no apparent porosity, NSFOC.
5030–60	Limy Dolomite–Dolomite as above.
	Shale as above.
	Some Sandstone as above.

TOH at 5073' for bit.

5060–5090 Dolomite–Argillaceous Dolomite – orangish brown–yellowish tan, firm–moderately firm occasionally moderately soft, generally microcrystalline occasionally cryptocrystalline, slightly argillaceous in part, slightly–moderately carbonaceous.

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

Generally much cavings.

5090–5120 Dolomite–Argillaceous Dolomite and Shale as above.

Some Sandstone very fine grained ranging to Siltstone, milky–white, slightly calcareous, slightly argillaceous in part, moderately well consolidated, sub–angular to sub–round, frequently peppered with carbonaceous material, lithic fragments, some Glauconite and Pyrite, no apparent porosity, NSFOC.

5120–45 Shale – generally medium gray, occasionally light gray, moderately firm–moderately soft, slightly–moderately calcareous, slightly carbonaceous, silty in part, frequently microcrystalline disseminated Pyrite, sub–blocky in part.

TOH @ 5145' to cut a whole core.

Whole Core Macroscopic Description

Cut 18' Recovered 18'.

5145–5148 Shale – dark gray, highly broken (mechanical) slightly calcareous, slightly–moderately carbonaceous, hard–moderately hard.

5148–5160 Shale – dark gray–dark brownish gray–occasionally slightly black, occasionally some dark carbonaceous laminae–very thin beds, generally hard, dense, slightly calcareous, moderately–highly carbonaceous, occasionally silty.

5160–5163 Sandstone very fine grained ranging to Siltstone, frequently shaley, some very thin bedding, frequently dark brown oil stain, trace of dark brown bleeding oil in part, slightly calcareous, no good obvious intergranular porosity due to extremely fine grained nature of rock, slight hydrocarbon odor.

Whole Core Microscopic Description of Core Chips.

Cut 18' recovered 18'. Chip samples taken at reported depth below:

5146	Shale – light gray, frequently specks of carbonaceous material, slightly–moderately calcareous, moderately firm–firm, commonly silty.
5148	Shale – dark gray, hard–firm, dense, brittle, slightly calcareous, some specks of carbonaceous material, slightly–moderately carbonaceous in general.
5150	Shale – generally medium gray commonly specks of dark brown–black carbonaceous material, generally slightly–moderately carbonaceous, moderately firm, slightly–moderately calcareous, commonly silty.
5153	Siltstone occasionally ranging to very fine grained Sandstone, commonly thin laminae of Shale – milky, commonly peppered with carbonaceous material, lithic fragments and some Glauconite – moderately–highly calcareous, slightly argillaceous, dense, hard, NSFOC.
5155.6	Shale – light–medium gray, moderately firm–moderately soft, slightly calcareous, slightly carbonaceous, frequently microcrystalline disseminated Pyrite.
5158	Siltstone – light gray–milky, commonly moderately argillaceous, firm, dense, commonly Mica, commonly dark brown specks of carbonaceous material, slightly–moderately calcareous, NSFOC.
5160	Siltstone – medium gray–tannish gray, moderately–highly argillaceous, moderately firm–firm, frequently Mica and specks of carbonaceous material, slightly calcareous, dense, NSFOC.
5160.5	Shale – light–medium gray, moderately firm, very slightly calcareous, gritty in part, occasionally specks of black carbonaceous material.
5161.6	Sandstone occasionally ranging to Siltstone medium–dark brown, occasionally milky, well consolidated, slightly–moderately calcareous, slightly argillaceous, sub–angular to sub–round, moderately well sorted, some fair intergranular porosity, generally even medium–dark brown oil stain, very faint dull gold fluorescence in part, weak dull yellow–green diffuse milky–halo cut. Generally rock looks pretty tight even though oil stain is good and fairly uniform.
5162.4	Siltstone ranging to very fine grained Sandstone – light–medium tannish gray–light tan, moderately firm, well consolidated, slightly–moderately calcareous, slightly argillaceous, moderately well sorted, generally sub–angular, occasionally specks of carbonaceous material and Mica, some fair intergranular porosity, generally even light tan–light brown oil stain, no fluorescence, very weak bright yellow ring cut. Rock looks too tight to be commercial in this sample.

5162.8	Sandstone very fine grained ranging to Siltstone – generally medium brown, well consolidated, firm, slightly–moderately calcareous, slightly argillaceous in part, sub–angular to sub–round, moderately well sorted, occasionally specks of carbonaceous material, some fair–intergranular porosity. Good even medium brown oil stain, no fluorescence, weak bluish yellow ring cut. Stain is good, but porosity may be too low.
	Core barrel jammed at 5163', side of core bit highly abraded from junk in hole. TIH with magnet, recovered some bit inserts. TIH with core barrel to resume coring at 5163'.
	Whole Core Macroscopic Description. Cut 22' Recovered 22'.
5163–5164	Shale – dark gray, hard, brittle, very slightly calcareous, moderately carbonaceous, silty in part.
5164.1–5181.6	Sandstone very fine grained, medium–dark brown, well consolidated, hard, slightly–moderately calcareous, generally medium dark brown uniform oil stain, commonly dark brown oil bleeding from oblique hairline fractures, particularly in top few feet. Also commonly dark brown oil and gas bleeding from horizontal–wavy bedding planes and from some fair–good intergranular porosity. Zone looks good and should be commercial.
5181.6–5182.7	Siltstone ranging to very fine grained Sandstone – dark gray–grayish brown, frequently argillaceous, slightly–moderately calcareous, some pinpoint spotty dark brown bleeding oil, but generally rock is tight with very poor permeability likely.
5182.7–5185.0	Siltstone ranging to very fine grained Sandstone – looks moderately–highly argillaceous, dark gray–dark grayish brown in part, dense, hard, moderately–highly calcareous, moderately carbonaceous, NSFOC.
	Whole Core Microscopic Description of Core Chips.
	Cut 18' recovered 18'. Chip samples taken at reported depth below.
5163	Shale – light–medium gray, moderately soft–moderately firm, very slightly calcareous, slightly carbonaceous.
5164.5	Sandstone very fine grained–Siltstone in part, medium–dark brown, well consolidated, slightly calcareous, slightly argillaceous in part, sub–angular to sub–round, moderately well sorted, some fair–good intergranular porosity, good even medium–dark brown oil stain, dull gold–yellow fluorescence, weak bluish yellow slow oozing–halo cut commonly medium–dark brown oil bleeding from porosity.

5165.3	As above.
5166.7	As above.
5167.6	As above.
5169.8	Sandstone very fine grained occasionally fine grained ranging to Siltstone – generally as above, porosity slightly lesser, some Mica.
5172.0	As above.
5173.6	Sandstone as 5164.5' above, possibly even slightly better porosity.
5175.1	As above.
5177.4	Sandstone very fine–occasionally fine grained, medium–dark brown, well consolidated–slightly friable, moderately well–well sorted, slightly–calcareous, slightly argillaceous in part, sub–angular to sub–round, good intergranular porosity, uniform even medium–dark brown oil stain, generally dull gold–occasionally bright yellow fluorescence, fair bluish–yellow slow oozing–halo cut.
5179.4	Sandstone as 5169.8 above.
5181.0	Sandstone as 5177.4 above, abundant bleeding gas and oil.
5182.1	Sandstone very fine grained–Siltstone, abundant argillaceous material, light brown–light gray, well consolidated, slightly calcareous, some Glauconite, poorly sorted, sub–angular to sub–round, some poor intergranular porosity, some specks of carbonaceous material, light uneven brown oil stain, weak dull gold fluorescence in part, very weak dull–yellow diffuse halo cut.
5183.3	Sandstone very fine grained–Siltstone generally as above, with slightly better oil stain, dull yellow fluorescence, very weak diffuse bluish–yellow milky cut.
5184.5	Siltstone – occasionally very fine grained Sandstone, abundant argillaceous material, light gray, firm–moderately firm, slightly calcareous, frequently specks medium brown carbonaceous material, frequently pyritic, dense, NSFOC.
	End of Core Descriptions.
5185–5210	Dolomite–Argillaceous Dolomite – orangish brown–yellowish tan, microcrystalline, moderately firm–soft, slightly argillaceous in part, slightly–moderately carbonaceous, some clear–milky crystalline–spar Calcite.

Shale – emerald–cream–light–medium gray, moderately firm–moderately soft, slightly–moderately calcareous, slightly mottled–streaked with carbonaceous material in part, sub–blocky in part.

5210–5300 Shale – dark tan–dark tannish gray, light–medium gray, occasionally slightly emerald–cream, moderately firm–moderately soft, slightly–moderately calcareous, slightly–moderately carbonaceous frequently streaked–mottled with carbonaceous material and/or Pyrite.

Some Limy Dolomite–Dolomite as above.

5300–14 Limy Dolomite–Dolomite as above.

Some Shale as above.

Some Sandstone very fine grained commonly ranging to Siltstone – light–medium brown, well consolidated, very slightly calcareous in part, slightly argillaceous in part, moderately well sorted, sub–angular to sub–round, some fair intergranular porosity, light–medium brown oil stain, very faint dull gold fluorescence in part, fair dull gold–dull yellow slow bleeding cut–halo cut, porosity may be too low to be commercial, need to review E–logs.

5314–30 Limy Dolomite–Dolomite – orangish brown–yellowish tan, generally microcrystalline, moderately firm–moderately soft, slightly argillaceous, frequently clear–milky crystalline–spar Calcite, slightly–moderately carbonaceous.

Shale – cream–light gray, commonly mottled–streaked with carbonaceous material, moderately soft, slightly–moderately calcareous, silty in part, also emerald–medium gray, moderately soft–moderately firm, slightly calcareous slightly carbonaceous in part, frequently silty–sandy.

5330–5420 Limy Dolomite–Dolomite as above.

Shale – generally cream, highly mottled–streaked with light brown–tan carbonaceous material, some Pyrite, moderately soft, slightly calcareous, slightly emerald in part, occasionally silty–sandy.

Some Limestone–Dolomite Limestone, tan cryptocrystalline–microcrystalline, moderately firm–moderately soft, slightly argillaceous in part, dense.

TOH part way @ 5432' for hole in drill pipe.

5420–50 Generally as above, but also dark gray–dark tan gray Shale and some Siltstone and Sandstone, NSFOC.

Highly mixed sample, probably not very reliable due to short trip for hole in drill pipe.

5450–5510 Limy Dolomite–Dolomite – orangish brown–yellowish tan, microcrystalline, moderately firm–moderately soft, slightly argillaceous in part, slightly–moderately carbonaceous occasionally clear–milky crystalline–spar Calcite.

Shale – light–medium gray–tannish gray, occasionally cream, moderately soft, slightly–moderately calcareous, slightly–moderately carbonaceous, trace Pyrite.

Some Sandstone fine to very fine grained, frequently medium grained, milky, generally well consolidated, slightly calcareous, slightly argillaceous, generally moderately–poorly sorted, sub–angular to sub–round, no apparent porosity, NSFOC.

Some Limestone – light tan–buff to yellowish tan, microcrystalline, moderately firm–moderately soft, slightly argillaceous in part, dense, trace ostracods.

5510–40 Limy Dolomite–Dolomite as above.

Some Shale and Sandstone as above.

5540–5600 Shale – dark gray–black, generally orangish–bronze cast, generally moderately soft–soft, slightly calcareous, highly carbonaceous, sub–platy to sub–fissile in part, abundant microcrystalline disseminated Pyrite.

5600–30 Shale as above, frequently light–medium gray, moderately soft, commonly mottled–streaked with carbonaceous, slightly–moderately calcareous.

Limy Dolomite–Dolomite – yellowish tan–occasionally orangish brown, microcrystalline, frequently slightly–moderately argillaceous, moderately firm–moderately soft, slightly–moderately carbonaceous, frequently milky–clear spar Calcite.

Some Limestone – buff–light tan, cryptocrystalline occasionally microcrystalline, slightly argillaceous in part, moderately firm–moderately soft.

5630–60 Limy Dolomite–Dolomite as above.

Shale – mostly light–medium gray–cream–emerald as above.

Some Limestone as above.

5660–5720	Shale – black–grayish black generally with slightly bronze cast, generally moderately soft–soft, highly carbonaceous–petroliferous, very slightly calcareous in part, frequently pyritic, sub–platy in part. Some Limy Dolomite–Argillaceous Dolomite – tan–light to medium brown, cryptocrystalline–microcrystalline, moderately firm, dense.
5720–50	Shale as above.
5750–80	Shale generally as above, but more pyritic.
5780–5832	Shale as above also light–medium gray–cream–emerald, moderately firm–moderately soft, slightly–moderately calcareous, occasionally mottled. Limy Dolomite–Argillaceous Dolomite – orangish brown–yellowish tan, moderately soft–moderately firm, slightly–moderately carbonaceous, dense, some milky–clear spar Calcite. Some Limestone as above, trace pellets
5832–40	Limy Dolomite–Dolomite as above, frequently with clear–milky crystalline–spar Calcite. Sandstone – generally fine grained ranging from very fine–medium grained, light–medium brown–milky–clear, moderately unconsolidated, moderately calcareous, slightly–moderately argillaceous, moderately sorted, sub–angular to sub–round, some fair–good intergranular porosity, light brown even oil stain medium–dark spotty stain, dull gold fluorescence, weak dull yellow diffuse halo cut. Some carbonaceous material and lithic fragments, trace Glauconite. Zone does not look real clean, but probably commercial. Some Limestone – tan–buff, microcrystalline, moderately firm–moderately soft, slightly argillaceous in part, some spar Calcite.
5840–55	Limy Dolomite–Dolomite as above. Shale – light–medium gray, emerald–cream, slightly mottled–streaked with carbonaceous material in part, moderately firm–moderately soft, slightly pyritic in part. Some Sandstone – fine–medium grained, cream–milky, well consolidated, slightly–moderately calcareous, slightly–moderately argillaceous, moderately–poorly sorted, sub–angular to sub–round, frequently peppered with carbonaceous fragments and lithic material, trace Glauconite, generally looks tight, NSFOC.

5855–70 Limy Dolomite–Dolomite as above.

Shale predominantly emerald–grayish lavender–dull lavender, some cream–light gray, streaked–mottled, generally moderately firm, very slightly calcareous, very slightly carbonaceous in part.

Some Sandstone – very fine–fine grained, milky–light brown, moderately well consolidated, slightly–moderately calcareous, slightly argillaceous, moderately–poorly sorted, sub–angular to sub–round, poor–fair intergranular porosity, light brown even oil stain medium–dark brown spotty stain, dull gold fluorescence, weak diffuse bluish yellow flash–slow oozing cut, probably commercial if E–logs confirm adequate porosity.

5870–92 Limy Dolomite–Dolomite as above.

Shale – emerald–slightly lavender–rust–light to medium gray–cream, moderately firm–moderately soft, slightly–moderately calcareous, silty in part, slightly carbonaceous in part, mottled–specked with carbonaceous material in part.

Some Limestone – buff–tan, microcrystalline–cryptocrystalline, slightly argillaceous in part, moderately soft.

5892–5900 Sandstone – medium–fine grained occasionally very fine grained, clear–milky, moderately unconsolidated, slightly calcareous in part, moderately to well sorted, sub–angular to sub–round, frequently loose Quartz grains, likely good intergranular porosity, some very fine light brown oil stain in part, bright yellow fluorescence, very weak bluish yellow diffuse ring cut. Reservoir appears to be very good, show weak, but may be due to unconsolidated nature of Sandstone, likely very good pay zone.

Shale – cream–light gray–emerald as above.

Limy Dolomite–Dolomite as above.

5900–30 Shale – dark gray–grayish black, slightly bronze cast in part, slightly calcareous, moderately–highly carbonaceous, moderately firm–moderately soft, much Pyrite, also cream–light gray, generally streaked–mottled with carbonaceous material, moderately firm–moderately soft, slightly–moderately calcareous, silty in part.

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

5930–60 Limy Dolomite–Dolomite as above.

Shale – light–medium gray–emerald–slightly rust in part, frequently specks of carbonaceous material, occasionally streaked–mottled, moderately soft–moderately firm in part, slightly–moderately calcareous, commonly silty, frequently pyritic.

Some Sandstone very fine grained–ranging to Siltstone – white–milky, slightly–moderately calcareous, slightly argillaceous, well consolidated, sub–angular to sub–round, moderately–poorly sorted, tight, NSFOC, pyritic in part.

5960–74 Sandstone generally fine grained ranges from medium grained–very fine grained, generally clear–milky, generally loosely consolidated, well–moderately well sorted, sub–angular to sub–round, some calcareous cement, some carbonaceous material, and/or lithic fragments, trace Glauconite, generally no stain, occasionally light brown–tan even oil stain, bright bluish yellow fluorescence, very weak diffuse bluish–yellow ring cut. Likely good intergranular porosity due to unconsolidated nature of Sandstone, visual show very poor, but should be productive based on gas shows and porosity. Need to confirm potential with E–Logs.

5974–90 Shale – light–medium gray, commonly cream, highly mottled–streaked with carbonaceous material and Pyrite, moderately soft–soft, slightly–moderately calcareous.

Limy Dolomite–Dolomite – orangish brown–yellowish tan, microcrystalline, moderately firm–moderately soft, slightly–moderately carbonaceous, occasionally Pyrite, frequently milky–clear crystalline–spar Calcite.

Some Sandstone as above, probably cavings.

5990–6020 Limy Dolomite–Dolomite – as above.

Shale – light–medium gray–slightly emerald, moderately firm–moderately soft, slightly calcareous, very slightly carbonaceous in part, silty in part.

6020–50 Limy Dolomite–Dolomite and Shale as above.

Some Limestone – tan–buff, microcrystalline–cryptocrystalline, moderately firm–moderately soft, slightly argillaceous in part, slightly mottled in part.

6050–80 Limy Dolomite–Dolomite – orangish brown–yellowish tan, microcrystalline–cryptocrystalline, commonly clear–milky crystalline–spar Calcite, moderately firm–moderately soft, slightly–moderately carbonaceous, trace Pyrite.

Shale – mixture of dark gray–dark brownish gray, moderately firm, moderately calcareous, moderately carbonaceous, frequently pyritic and Shale – cream–light to medium gray–dull emerald, moderately firm–moderately soft, slightly

mottled–streaked with carbonaceous material in part, slightly–moderately calcareous, some Pyrite.

Some Limestone as above.

6080–6120 Shale – dark gray–dark brownish gray–generally as above, but more calcareous, also some Shale – light–medium gray–cream–emerald–rust as above.

Limy Dolomite–Dolomite as above.

Some Limestone as above.

6120–40 Limy Dolomite–Dolomite as above.

Shale – dark gray–dark brownish gray–brown as above, also light–medium gray–cream–emerald as above.

Some Sandstone – fine to very fine grained, occasionally medium grained, milky–clear, moderately unconsolidated, slightly calcareous in part, moderately well–well sorted, sub–angular to sub–round, some fair–good intergranular porosity, generally no stain, but occasionally faint light brown spotty–even oil stain, bright yellow fluorescence, very weak dull yellow ring cut, some carbonaceous material and lithic fragments.

Some Limestone – generally tan occasionally light brown, microcrystalline, moderately firm, frequently pellets, slightly argillaceous in part.

6140–70 Limy Dolomite–Dolomite as above.

Shale as above.

Some Sandstone with show as above.

6170–92 Shale – dark gray–black with bronze cast, moderately firm–soft, slightly–moderately calcareous, abundant microcrystalline disseminated Pyrite, sub–blocky to sub–platy in part.

Some Limy Dolomite–Dolomite as above.

Some Limestone as above, trace pisolites.

6192–6200 Shale as above, also some light–medium gray–cream, streaked–mottled in part, moderately soft, slightly–moderately calcareous, silty in part.

Limy Dolomite–Dolomite as above.

Some Limestone as above.

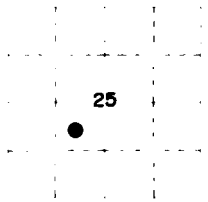
TOTAL DEPTH 6200' – DRILLER.

DENNIS REHRIG & ASSOCIATES, INC.

OIL & GAS CONSULTING

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

GEOLOGIC WELL LOG



BALCRON OIL 23-25 FEDERAL
1927' FSL 2139' FWL, SECTION 25, T 8 S-R 17 E
UINTAH COUNTY, UTAH

ELEVATIONS: 4992' G.L. 5002' K.B.

SPUD: 4:15 PM (MST) 1/21/95

OUT FROM UNDER SURF. CSG.: 7:15 PM (MST) 1/22/95

DATE DRLG. COMP.: 3:00 PM (MST) 1/31/95

DATE WELL COMPLETED: 1:00 PM (MST) 2/2/95

STATUS: RAN PRODUCTION CASING FOR OIL COMPLETION ATTEMPT

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

PRODUCTION CSG: 6182' KB OF 5 1/2"

CORES: #1 5145'-5163' (DRILLER)
5140'-5158' (LOGGER)
#2 5163'-5185' (DRILLER)
5158'-5180' (LOGGER)

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 (~600')

MUD SYSTEM: AIR/FOAM TO 4250', KCL/WATER 4250'-TD

TOTAL BITS: 5 (PLUS 1 COREHEAD)

TOTAL DAYS TO LOG POINT: 10 TO COMPL: 13

T.D. DRILLER 6200' LOGGER 6192'

PENETRATION: 409' BELOW TOP OF CARBONATE MARKER

ROCK TYPE

(Consistent with American Stratigraphic Company)

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

ACCESSORIES

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

ORGANIC or NON ORGANIC ALLOCHEMS

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

FRAMEWORK ALGAE

- SKELETAL
- OOTOID or ONCOLYTIC

NON-FRAME-WORK ALGAE

- NON DESCRIPT
- LAMINATED

MISCELLANEOUS

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

POROSITY TYPES

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

OIL STAINS - stain present

- ● EVEN STAINING, FLOURESCES IN SOLVENT
- ◑ SPOTTED STAINING, FLOURESCES IN SOLVENT
- D DEAD, ASPHALTIC, BITUMEN, ETC.
- O QUESTIONABLE, NO FLOURESCENCE IN SOLVENT

EVALUATION LEGEND

- WHOLE CORE
- DRILL-STEM TEST
- PERFORATIONS

DRILLING AND PRODUCTION DATA

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

ELECTRIC LOG
GAMMA RAY / CALIPER

INTERPRETED LITHOLOGY AND DEPTH

DRILLING PENETRATION RATE (MIN / FT)

CASING & PERFORATIONS | CORE & DST | OIL SHOWS | POROSITY (%)

0 1 2 3 4 5

1600

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

1700

E-LOG TOPS

SAMPLES EXAMINED FROM 1700'-TOTAL DEPTH. SEE SAMPLE DESCRIPTIONS IN REPORT FOR DETAILS.

GREEN RIVER

MUD LOGGING CONSULTANTS CORPORATION BUFFALO, NEW YORK

GREEN RIVER

1800

1900

2000

2100

2200

2300

2400

2500

2600

HORSE BENCH

2700

2800

2900

3000
3100
3200
3300
3400
3500
3600
0
1
2
3
4
5
BUFFALO, NEW YORK CORPORATION
No. TCI 3352
PRINTED IN U.S.A.
RECORDING CHARTS
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

3700

3800

3900

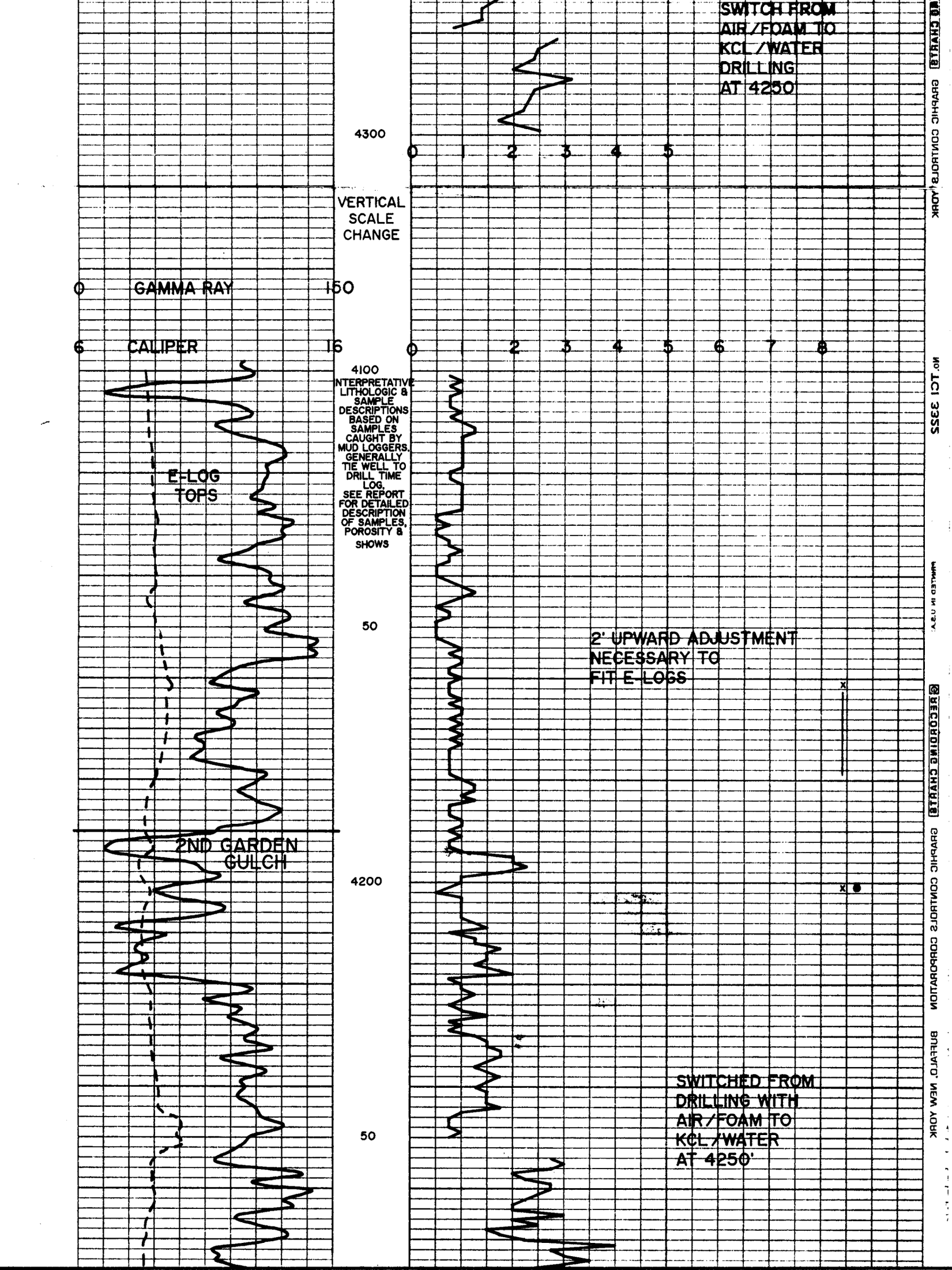
4000

4100

2ND GARDEN GULCH

4200

OIL ON PITS
AND IN SAMPLES
AFTER DRILLING
THIS ZONE


SWITCH FROM AIR/FOAM TO KCL/WATER DRILLING AT 4250
4300
0 1 2 3 4 5
VERTICAL SCALE CHANGE
0 GAMMA RAY 150
6 CALIPER 16
0 1 2 3 4 5 6 7 8
4100
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
E-LOG TOPS
50
2' UPWARD ADJUSTMENT NECESSARY TO FIT E-LOGS
2ND GARDEN GULCH
4200
50
SWITCHED FROM DRILLING WITH AIR/FOAM TO KCL/WATER AT 4250'
GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK
RECORDING CHARTS
No. ICI 335

4300

50

4400

50

4500

BARTON
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
No. TCI 3332
PRINTED IN U.S.A.
RECORDING CHARTS

50

4600

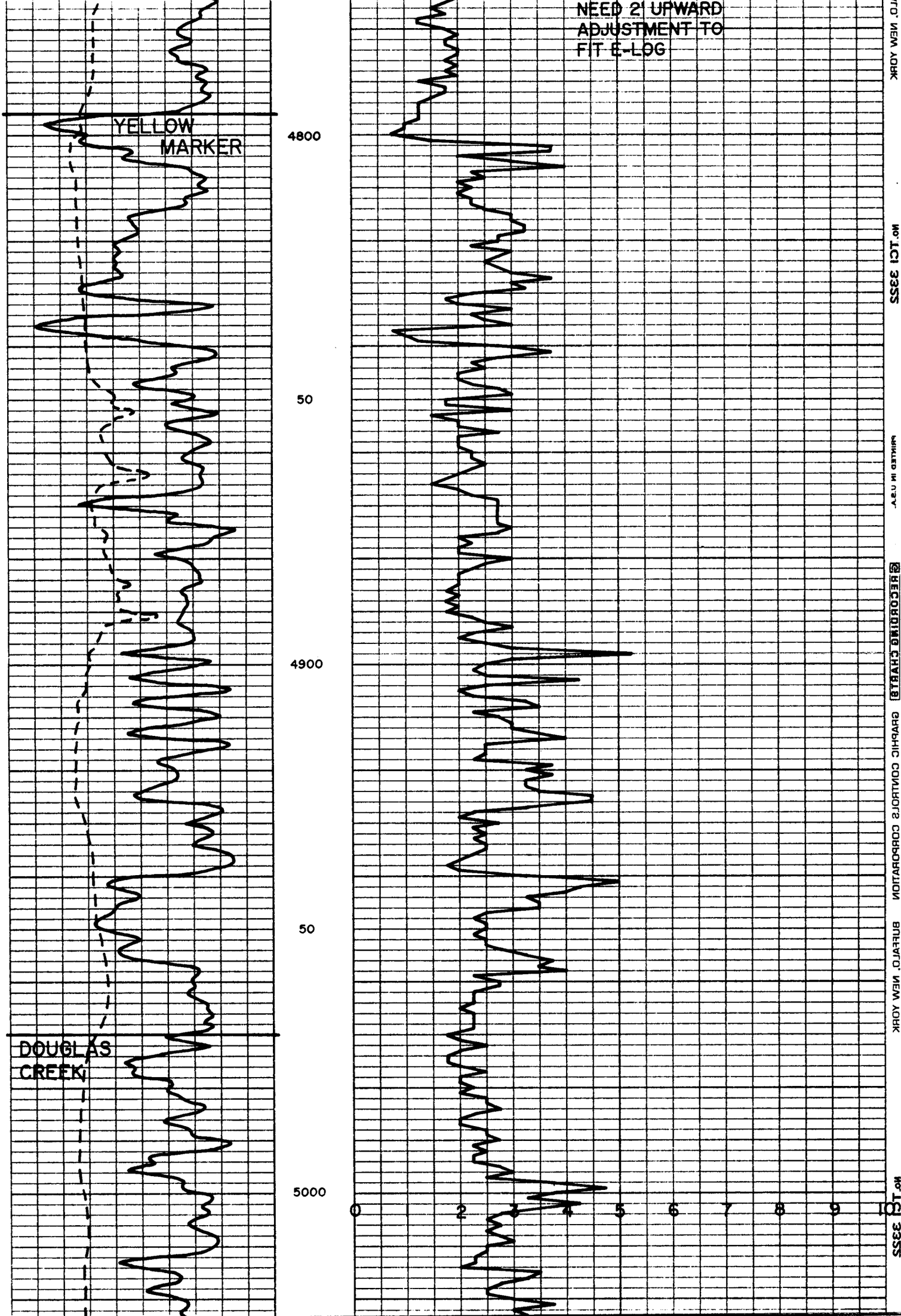
50

4700

50

RECORDING CHARTS GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK No. TCI 3332 PRINTED IN U.S.A.

GRAPHIC CONTROLS CORPORATION BUFFALO, NEW YORK No. TCI 3332 PRINTED IN U.S.A. RECORDING CHARTS


NEED 2' UPWARD
ADJUSTMENT TO
FIT E-LOG
YELLOW
MARKER
DOUGLAS
CREEK
4800
50
4900
50
5000
0
1
2
3
4
5
6
7
8
9
10
RECORDING CHART
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
MO. TCI 3352

50

TOH AT
5070' FOR
BIT

APPARENTLY
DRILLED THIS
FOOTAGE WHILE
DRILLING UP
JUNK

5100

TOH AT 5145' TO CUT
WHOLE CORE

0 1 2 3 4 5 6 7 8 9 10

50

BARREL
JAMMED
AT 5163'

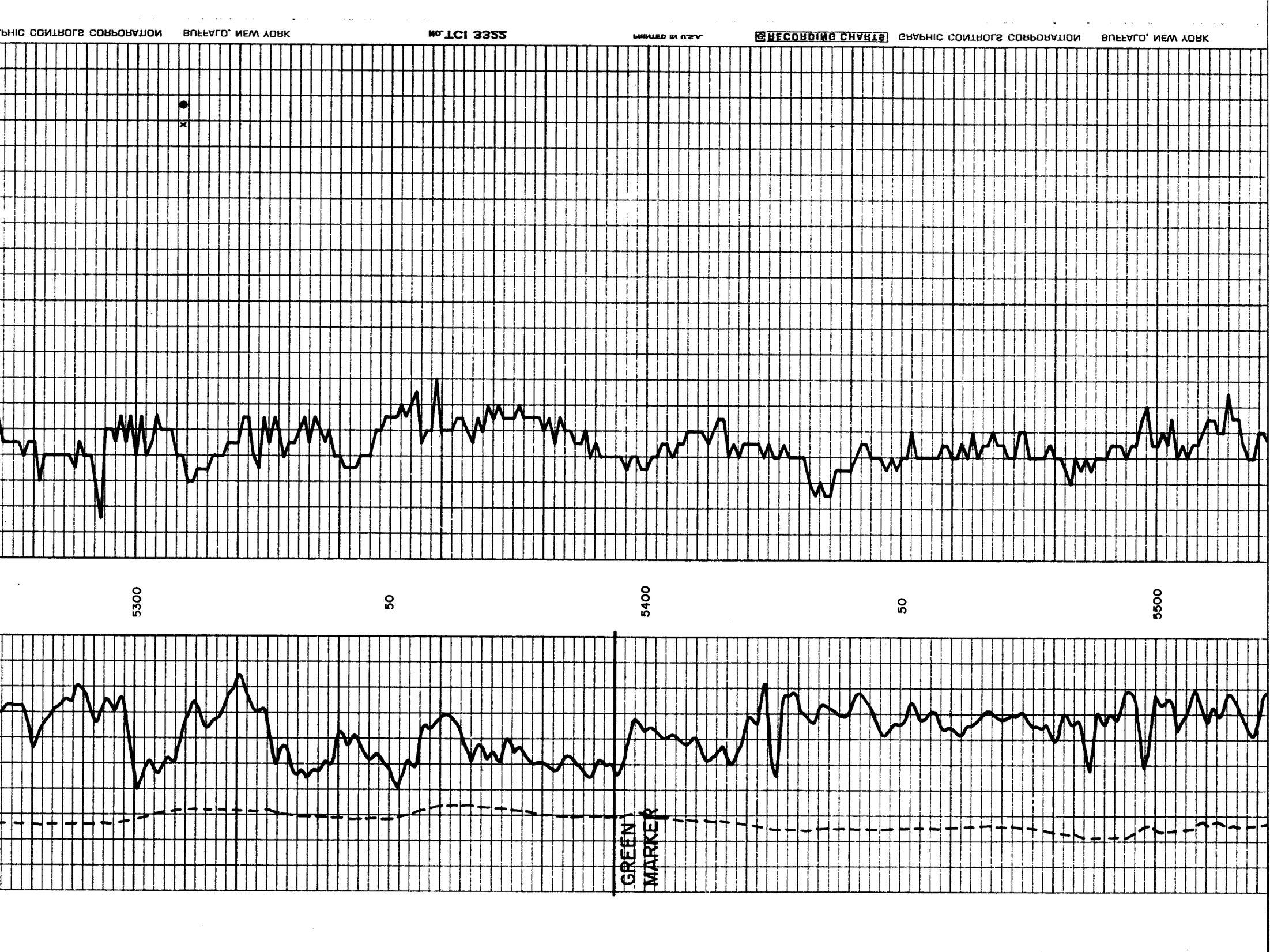
5' UPWARD
ADJUSTMENT
TO FIT E-LOGS

BARREL
JAMMED
AT 5185'

5200

2ND
DOUGLAS
CREEK

50


5300
50
5400
50
5500
GREEN
MARKER

TOH AT 5592
FOR HOLE IN
DRILLPIPE

50

5600

50

5700

50

CARBONATE

MARKER

5800

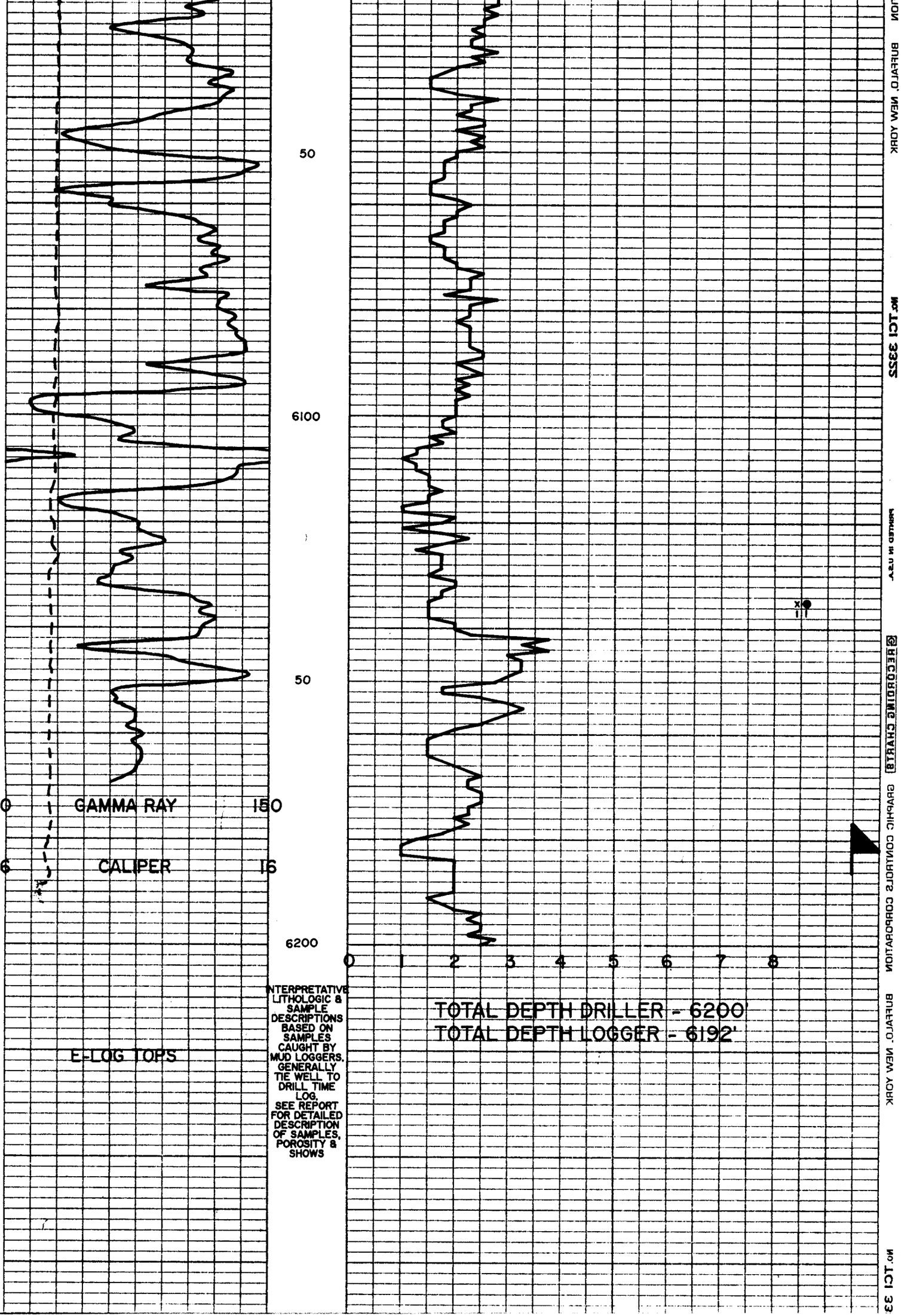
50

5900

50

6000

8' UPWARD
ADJUSTMENT TO
FIT E-LOGS


50
6100
50
6200
0
GAMMA RAY
150
6
CALIPER
16
0 1 2 3 4 5 6 7 8
E-LOG TOPS
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 - 6200
TOTAL DEPTH LOGGER - 6192'
BUFFALO, NEW YORK
GRAPHIC CONTROLS CORPORATION
RECORDING CHARTS
MADE IN U.S.A.
No. TCI 3352
No. TCI 3

CONVENTIONAL CORE ANALYSIS

FOR

43-047-32529

BALCRON OIL COMPANY

BALCRON MONUMENT FED. NO. 23-25

NE SW SECTION 25, T8S, R17E

UNITAH COUNTY, UTAH

1926FSL 2138 FWL DRL

OMNI Laboratories, Inc.

(713) 862-2400
6955 Portwest Drive • Suite 100 • Houston, Texas 77024-8018

February 27, 1995

Balcron Oil Company
P. O. Box 21017
Billings, Montana 59104
Attn.: Mr. Steve Durrett

Monument Federal 23-25
NE SW Section 25, T8S, R17E
Unitah County, Utah

Dear Mr. Durrett:

Diamond coring equipment and water base mud were used to core the subject well. The core was sampled by an employee of OMNI Laboratories, Inc. under the direction of a representative of the operator. The samples were preserved in plastic bags and waxed boxes and sent to our Houston Lab for analysis. The results are presented in tabular form on pages one and two and graphically on the enclosed Core Log Plot.

Full diameter (whole core) analysis was performed on a one foot per sample basis from 5164.0 to 5185.0 feet. Each sample was cleaned using a low temperature solvent so as not to damage any pore structures. Ultravoilet light was used to determine when the oil was fully extracted from the samples. Fluid saturations were obtained from the adjacent "face" of each sample using the retort method. Porosity was measured using the Boyle's Law technique (helium expansion). Permeability was measured by rotating the sample until maximum perm was achieved and again 90 degrees from that point. Vertical permeability was also measured. Grain densities are also reported.

A permeability versus porosity plot (shown of page three) was drawn for the analyzed zone and shows a good relationship. A least squares best-fit line through the data was drawn and the resulting equation was calculated:

$$K = \text{Antilog}\ (0.161 * \phi\text{core} - 1.569)$$

where K = maximum permeability, md
ϕcore = measured core porosity, percent

This relationship could change significantly with changes in pore sizes and pore size distribution. While the permeability versus porosity relationship is good for the cored zone, the equation should be used with caution in correlative zones or in different zones within this well.

Histograms were prepared for the analyzed zone to show the frequency distribution of permeability, porosity, and grain density. These data are presented in graphical form on pages four through six of this report.

A Core Gamma Surface Log was recorded on the submitted core from 5145.0 to 5185.0 feet for the purpose of correlation and is enclosed in this report.

Should you have any questions, please don't hesitate to contact me. We appreciate your business and look forward to working with you in the future.

Sincerely,

James R. Monti
Laboratory Manager

BALCRON OIL
BALCRON MONUMENT FEDERAL NO. 23-25
NE SW SECTION 25, T8S, R17E
UNITAH COUNTY, UTAH

OMNI Laboratories, Inc.

FILE NO. : H-2511
ANALYST :
DATE : 2/16/95
CORES : WHOLE CORE

WHOLE CORE ANALYSIS REPORT

Sample Number	Sample Depth feet	Permeability Kmax mD	Permeability K90 mD	Permeability Kvert mD	Porosity Helium %	Pore Volume Saturation Oil %	Pore Volume Saturation Water %	Grain Density gm/cc	Formation Description
	Core No. 1 5145.0 - 5163.0 feet Cut 18 feet Recovered 17.5 feet								
	5145.0 - 62.5								Shale dk gy no flu
	5162.5 - 63.0								Lost core
	Core No. 2 5163.0 - 5185.0 feet Cut 22 feet Recovered 22 feet								
1	5163.0 - 64.0			Core broken -- no analysis					Ss vfg vslty shy scalc yl spts flu
2	5164.0 - 65.0	2.280	2.690	0.002	7.6	15.0	52.5	2.68	Ss vfg slty shy lams scalc yl stkd flu
3	5165.0 - 66.0	5.130	4.820	0.805	12.7	16.6	37.0	2.67	Ss vfg calc yl flu
4	5166.0 - 67.0	2.530	2.460	1.120	13.4	34.2	29.4	2.67	Ss f-vfg scalc yl flu
5	5167.0 - 68.0	4.360	1.710	0.141	12.8	26.5	34.1	2.66	Ss f-vfg scalc sshy lam yl stkd flu
6	5168.0 - 69.0	1.410	1.020	0.375	12.8	26.3	32.4	2.67	Ss f-vfg sshy lam scalc yl stkd flu
7	5169.0 - 70.0	0.968	0.847	0.001	12.6	24.0	34.1	2.66	Ss f-vfg shy lam scalc yl stkd flu
8	5170.0 - 71.0	2.920	2.590	0.209	12.3	24.0	31.8	2.67	Ss f-vfg sshy lam scalc yl stkd flu
9	5171.0 - 72.0	2.260	2.120	1.970	12.5	26.3	32.0	2.67	Ss f-vfg sshy lam scalc yl stkd flu
10	5172.0 - 73.0	6.200	5.580	1.370	13.4	33.5	29.6	2.67	Ss f-vfg sshy lam scalc yl stkd flu
11	5173.0 - 74.0	6.470	6.280	0.833	15.3	36.3	25.9	2.67	Ss f-vfg sshy lam scalc yl stkd flu
12	5174.0 - 75.0	6.850	6.200	1.910	15.2	39.3	26.1	2.67	Ss f-vfg sshy lam scalc yl stkd flu
13	5175.0 - 76.0	7.020	4.290	0.638	13.8	34.2	28.7	2.66	Ss f-vfg sshy lam scalc yl stkd flu
14	5176.0 - 77.0	1.390	1.370	0.775	14.3	29.8	27.8	2.66	Ss f-vfg shy lam scalc yl stkd flu
15	5177.0 - 78.0	8.780	7.410	0.349	14.0	29.0	31.1	2.66	Ss f-vfg sshy lam scalc yl stkd flu
16	5178.0 - 79.0	2.350	2.340	0.268	12.7	27.5	32.4	2.66	Ss f-vfg shy lam scalc yl stkd flu
17	5179.0 - 80.0	9.190	5.000	0.345	13.0	30.0	30.8	2.67	Ss f-vfg sshy lam scalc yl flu
18	5180.0 - 81.0	2.480	1.380	0.117	11.9	21.9	34.9	2.67	Ss f-vfg shy lam scalc yl stkd flu

BALCRON OIL
BALCRON MONUMENT FEDERAL NO. 23-25
NE SW SECTION 25, T8S, R17E
UNITAH COUNTY, UTAH

OMNI Laboratories, Inc.

WHOLE CORE ANALYSIS REPORT

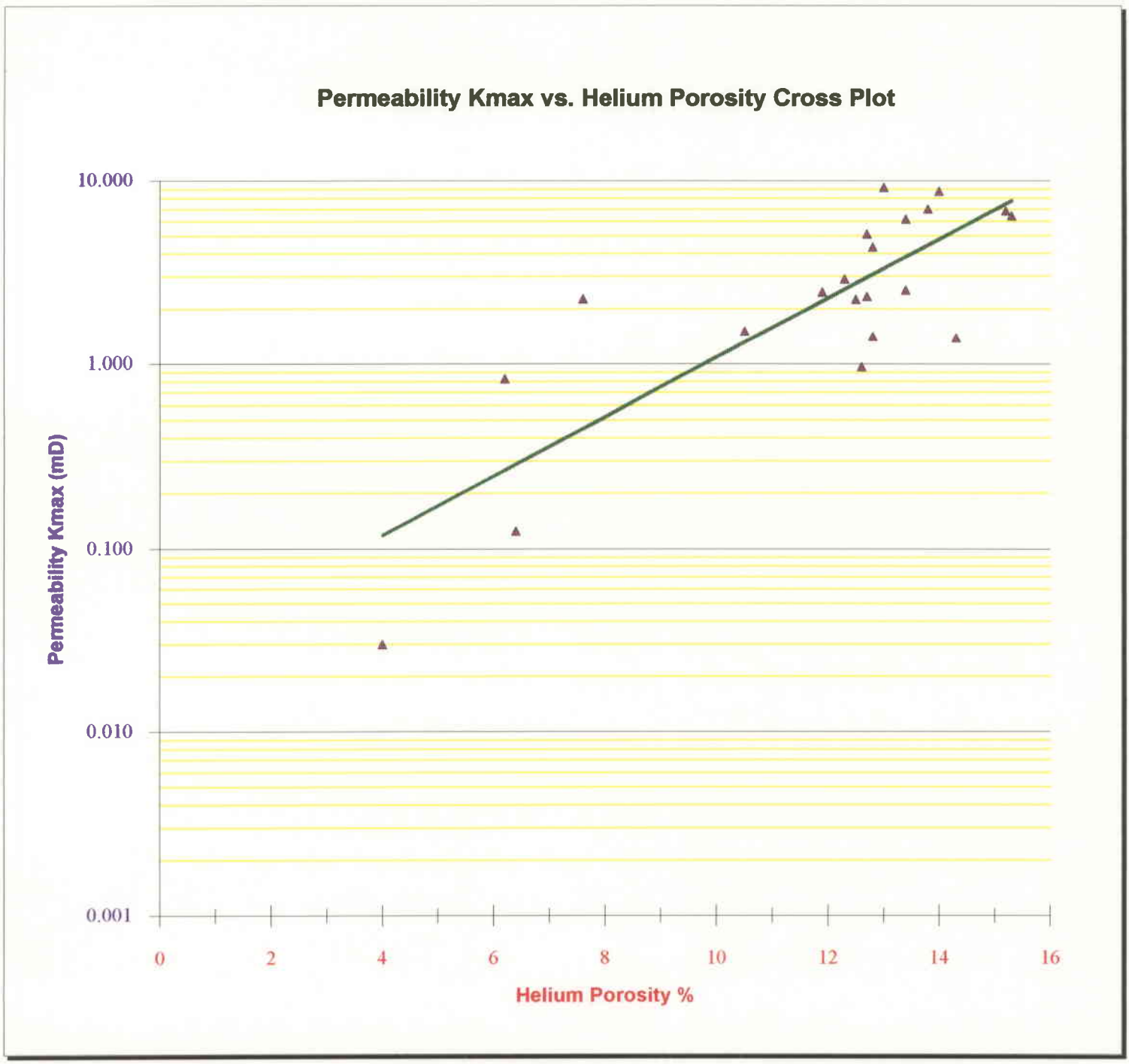
FILE NO. : H-2511
ANALYST :
DATE : 2/16/95
CORES : WHOLE CORE

Sample Number	Sample Depth feet	Permeability Kmax mD	Permeability K90 mD	Permeability Kvert mD	Porosity Helium %	Pore Volume Saturation Oil %	Pore Volume Saturation Water %	Grain Density gm/cc	Formation Description
19	5181.0 - 82.0	1.510	1.850	1.850	10.5	20.4	36.0	2.66	Ss f-vfg sshy lam scalc yl flu
20	5182.0 - 83.0	0.125	*	*	6.4	1.5	63.0	2.66	Ss vfg slty calc ft yl spts flu
21	5183.0 - 84.0	0.833	0.143	0.128	6.2	2.5	62.8	2.65	Ss vfg slty calc ft yl spts flu
22	5184.0 - 85.0	0.030	0.027	0.002	4.0	0.0	90.5	2.71	Ss vfg slty vcalc no flu

Note: * Denotes measurements on core plug, tabular failure.

OMNI
Laboratories, Inc.

BALCRON OIL
BALCRON MONUMENT FEDERAL NO. 23-25
NE SW SECTION 25, T8S, R17E
UNITAH COUNTY, UTAH



Line Equation 10^ (.161*X-1.569)

Figure No. 1-A

OMNI
Laboratories, Inc.

BALCRON OIL
BALCRON MONUMENT FEDERAL NO. 23-25
NE SW SECTION 25, T8S, R17E
UNITAH COUNTY, UTAH

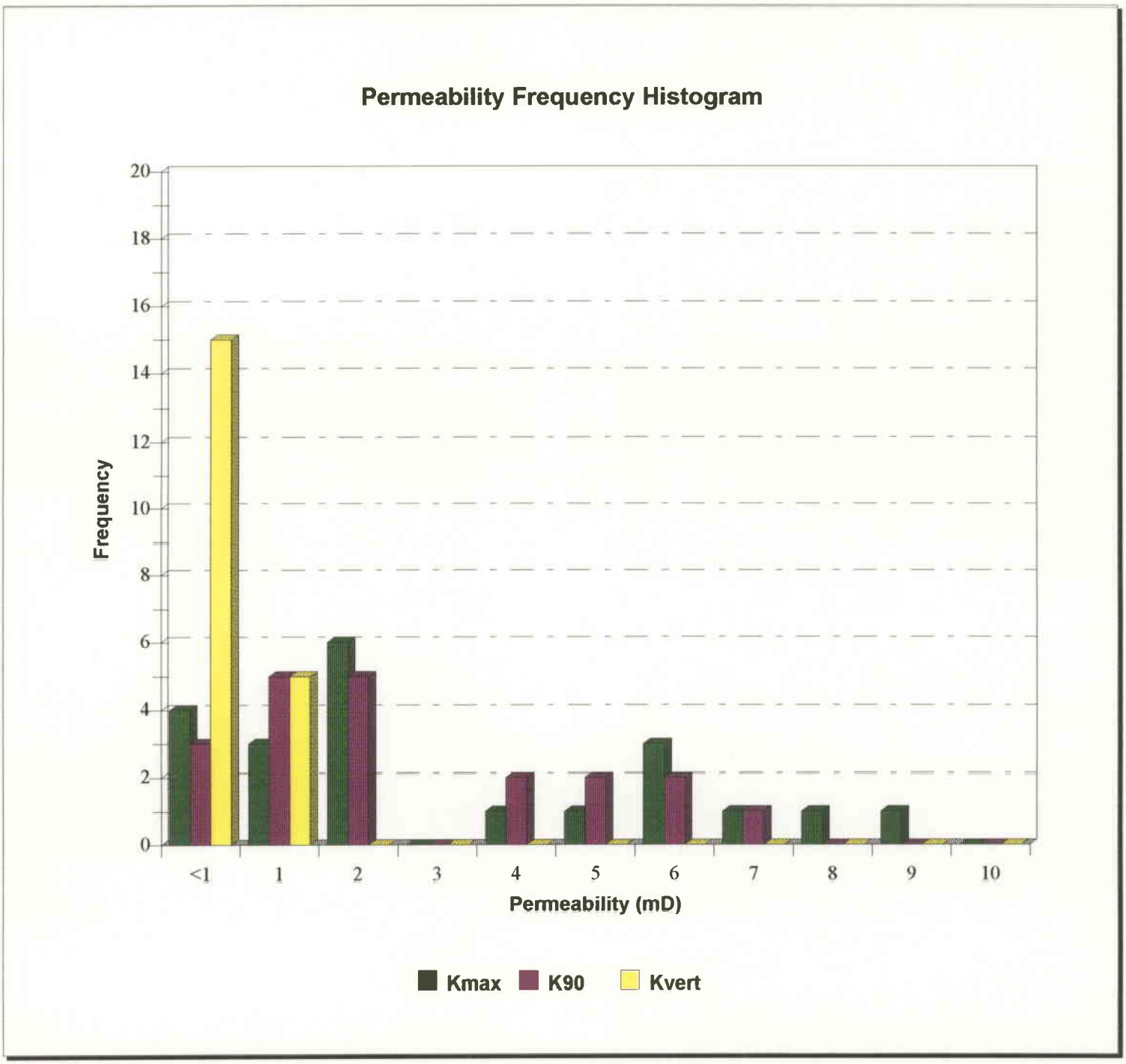


Figure No. 2

OMNI
Laboratories, Inc.

BALCRON OIL
BALCRON MONUMENT FEDERAL NO. 23-25
NE SW SECTION 25, T8S, R17E
UNITAH COUNTY, UTAH

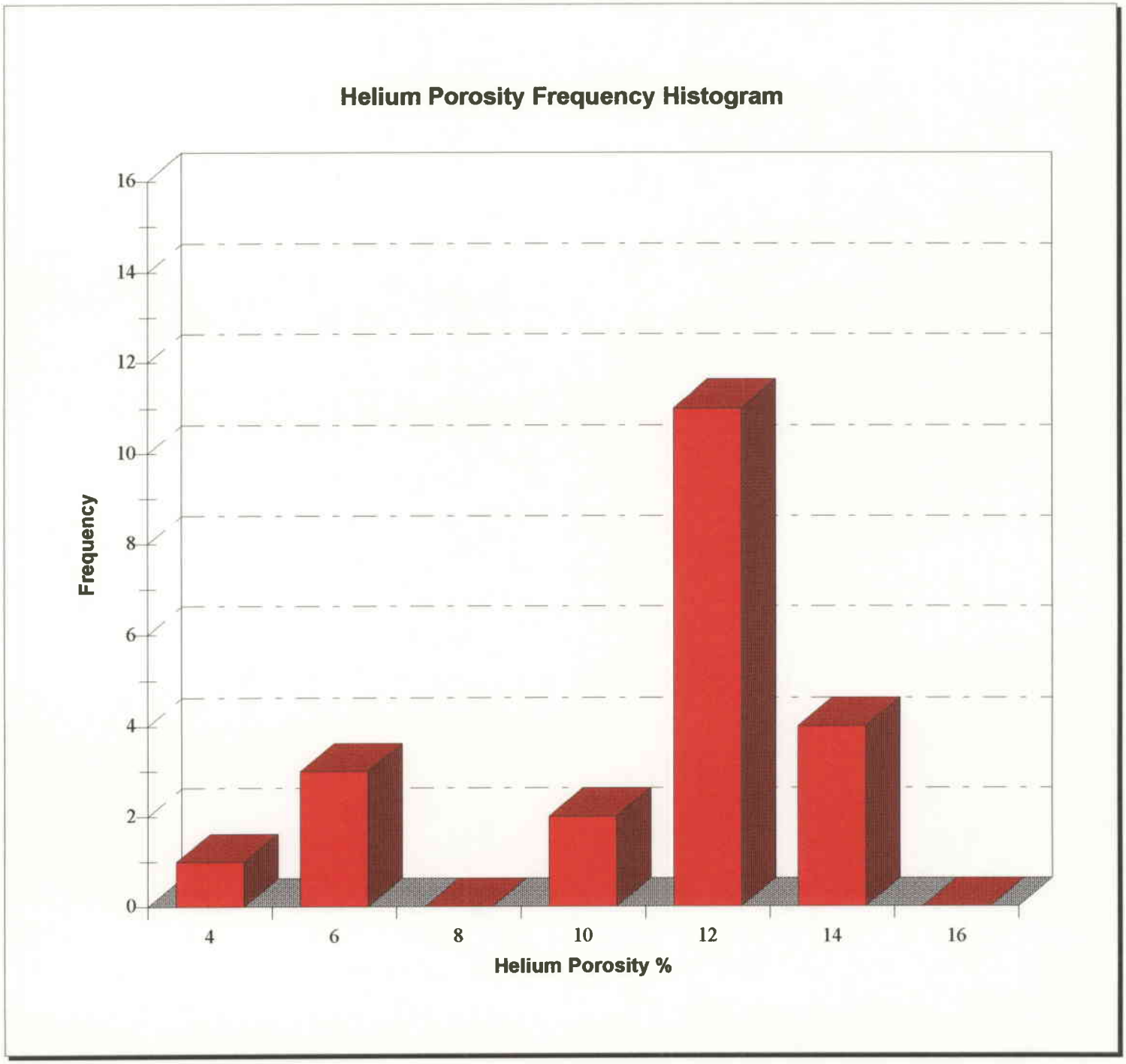


Figure No. 3

OMNI
Laboratories, Inc.

BALCRON OIL
BALCRON MONUMENT FEDERAL NO. 23-25
NE SW SECTION 25, T8S, R17E
UNITAH COUNTY, UTAH

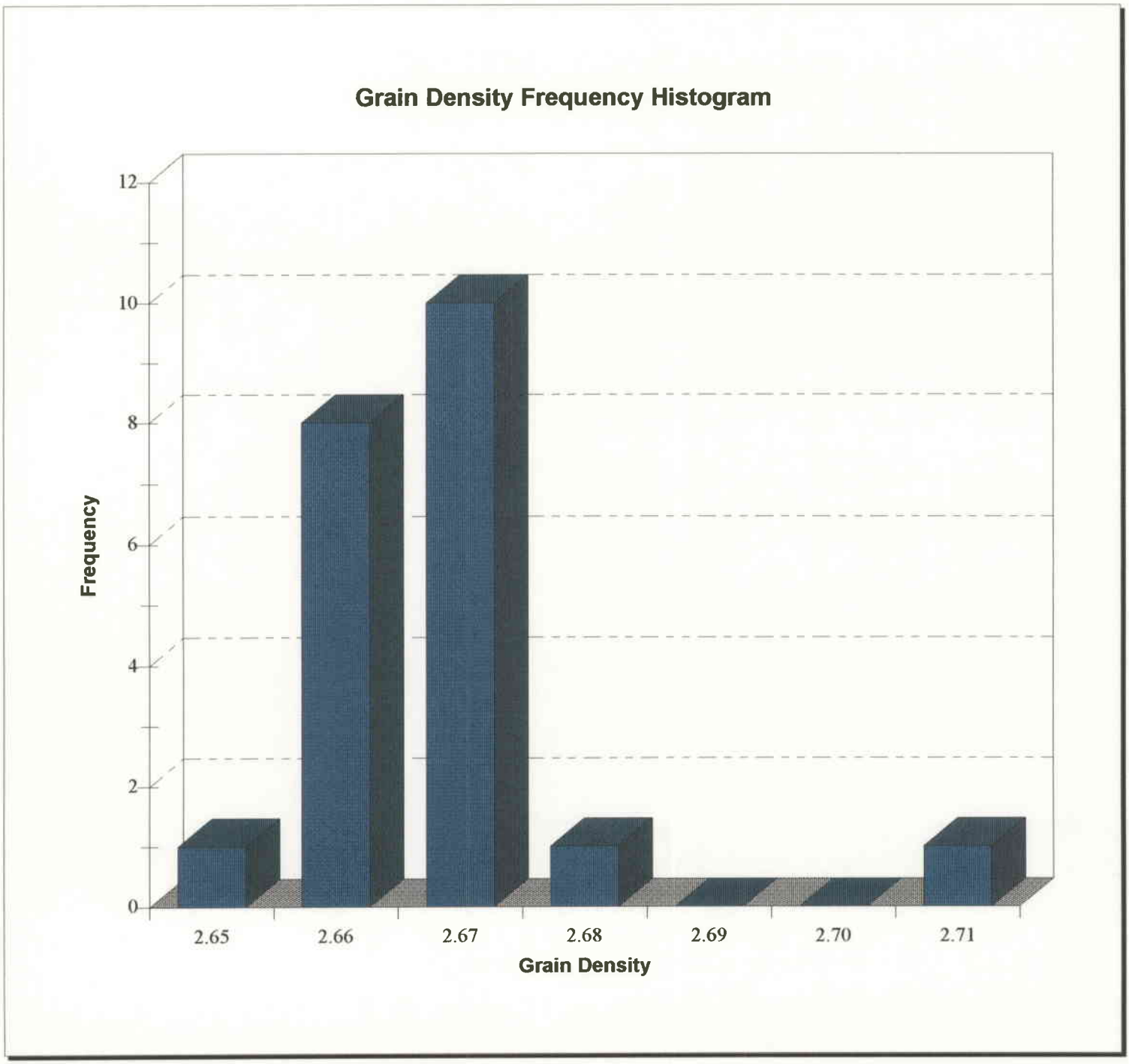
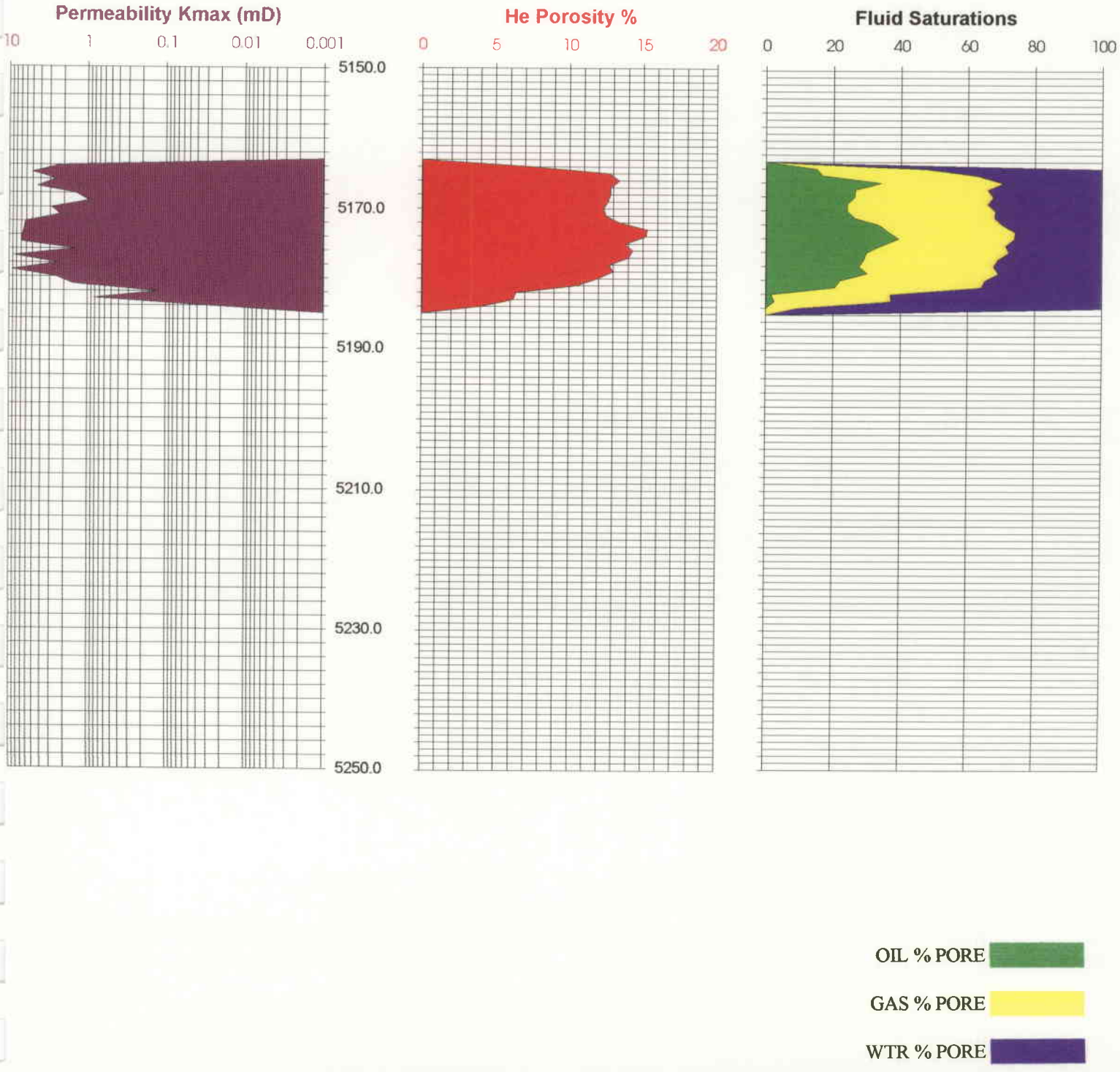


Figure No. 4

OMNI
Laboratories, Inc.

BALCRON OIL
BALCRON MONUMENT FEDERAL NO. 23-25
NE SW SECTION 25, T8S, R17E
UNITAH COUNTY, UTAH

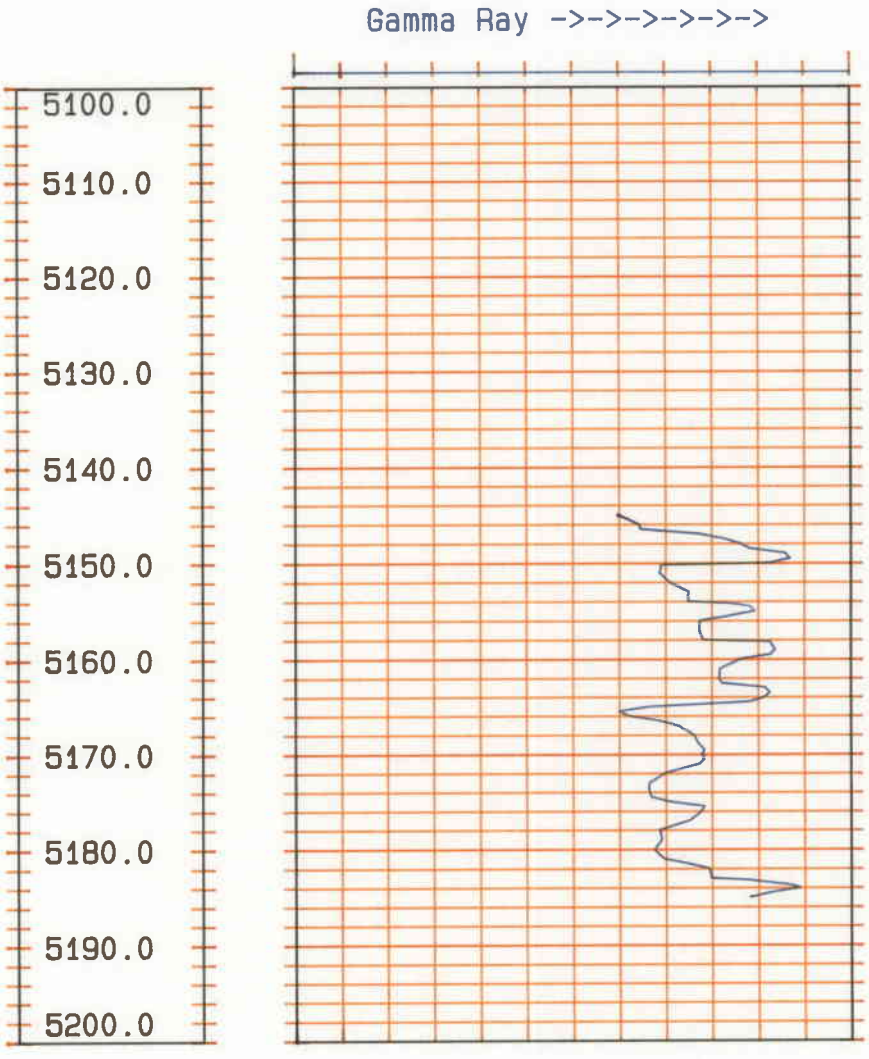
WHOLE CORE LOG PLOT



BALCRON OIL
BALCRON MONUMENT FEDERAL NO. 23-25
NE SW SECTION 25
T8S, R17E
UNITAH COUNTY, UTAH

CORE GAMMA SURFACE LOG

VERTICAL SCALE: 5 INCHES = 100 FEET



Form 3160-5 (June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAR 20 1995
DIV OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well
   [X] 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: NE SW Section 25, T8S, R17E
   TD: 1926' FSL & 2138' FWL

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 #23-25
9. API Well No.
   43-047-32529
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	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Report of First Production	[ ] Dispose Water

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

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

First production on this well was on 3-14-95 at 12:20 p.m.

Original to: Bureau of Land Management, Vernal, Utah
Copy to: State of Utah, Salt Lake City

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date 3-15-95

(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 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1995

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-67845

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

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

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Balcron Monument Fed. #23-25

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

9. API Well No.: 43-047-32529

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE SW Section 25, T8S, R17E
1927' FSL, 2139' FWL

11. County or Parish, State: Uintah County, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other oil spill	[ ] 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.)*

On 3/24/95 a spill of approximately 2 BO was discovered at this well. It was caused by a tank running over due to erratic production. The spill was contained on location and cleanup has been completed. Verbal notification was given to Jamie Sparger of the Vernal BLM on 3/24/95.

Notifications were made by FAX and mail to the following:

Bureau of Land Management, Vernal District (Jamie Sparger)
Utah Division of Oil, Gas and Mining (Jim Thompson)

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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date March 27, 1995

Bobbie Schuman

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

*See Instruction on Reverse Side

Form 3160-5 UNITED STATES
(June 1990) DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
APR 7 1995
DIV OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.: U-67845
6. If Indian, Allottee or Tribe Name: n/a

SUBMIT IN TRIPLICATE

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

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: Balcron Monument Fed. #23-25

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

9. API Well No.: 43-047-32529

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SURFACE: NE SW Section 25, T8S, R17E
TD: 1926' FSL & 2138' FWL

11. County or Parish, State: Uintah County, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Onshore Order #7	[ ] 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 (Bobbie Schuman) Title Regulatory and Environmental Specialist Date 4-12-95

(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 3160-5 UNITED STATES
(June 1990) DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
APR 7 1995
DIV OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
[X] 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: NE SW Section 25, T8S, R17E
TD: 1926' FSL & 2138' FWL

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 #23-25

9. API Well No.
43-047-32529

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	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Site Security Diagram	[ ] 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 4-12-95

(This space for Federal or State office use)

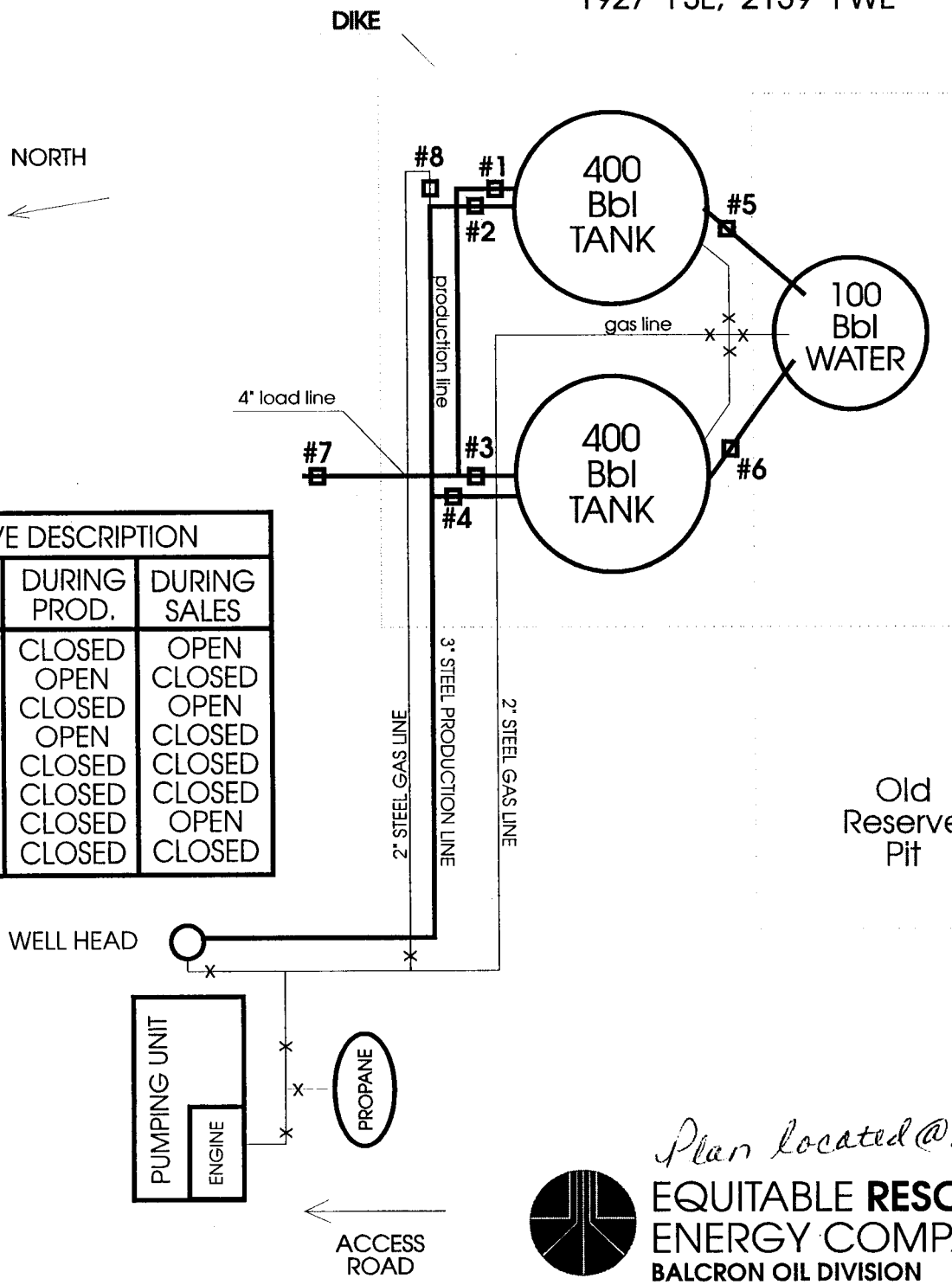
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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

***See Instruction on Reverse Side**

Equitable Resources Energy Company
Balcron Monument Federal 23-25
Production Facility Diagram

Balcron Monument Federal 23-25
NE SW Sec. 25, T8S, R17E
Uintah County, Utah
Federal Lease #U-67845
1927' FSL, 2139' FWL



VALVE DESCRIPTION		
	DURING PROD.	DURING SALES
VALVE #1	CLOSED	OPEN
VALVE #2	OPEN	CLOSED
VALVE #3	CLOSED	OPEN
VALVE #4	OPEN	CLOSED
VALVE #5	CLOSED	CLOSED
VALVE #6	CLOSED	CLOSED
VALVE #7	CLOSED	OPEN
VALVE #8	CLOSED	CLOSED

DIAGRAM NOT TO SCALE

Plan located @:

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

4-12-95

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

APR 1 [illegible]
DIV OF OIL, GAS & MINING
CONFIDENTIAL

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 Fed.

9. WELL NO.: #23-25

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

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: NE SW Section 25, T8S, R17E

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [XX] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] 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: 1926' FSL & 2138' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-32529	9-23-94	Uintah	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1-22-95	2-2-95	3-14-95	4991.9' GL	n/a

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6,200'	6141.98'	n/a	→	SFC - TD	n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5160' - 5898' Green River

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dipole Sonic - CBL/GR - FMI - IPLT - ARI 2-14-95 MUD LOG

27. WAS WELL CORED: Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	270.5'	12-1/4"	160 sxs Class "G" w/additives	None
5-1/2"	15.5#	6182.26' KB	7-7/8"	50 sxs Super "G" w/additives	None
				125 sxs Super "G" w/additives	
				430 sxs 50-50 POZ w/additives	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5987.07' KB	n/a

31. PERFORATION RECORD (*Interval, size and number*)
5886'-5898' (4 SPF) 5327'-5837' (4 SPF)
5850'-5855' (4 SPF) 5300'-5308' (4 sPF)
5830'-5834' (4 SPF) 5214'-5216' (4 SPF)
5824'-5827' (4 SPF) 5204'-5207' (4 SPF)
5378'-5397' (4 SPF) 5160'-5176' (4 SPF)

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*)
3-14-95	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
4-9-95	24	n/a		72.82	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		72.82	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: 32. Acid, shot fracture, cement squeeze information.

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 4-12-95

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

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No DST run.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
See Geological Report submitted separately.		

Equitable Resources Energy Company
Balcron Oil Division

Attachment to Completion Report
Balcron Monument Federal #23-25

INTERVAL	AMOUNT AND KIND MATERIAL USED
5824'-5855'	Break down with 2,940 gals 2% KCL water.
5886'-5898'	Break down with 3,150 gals 2% KCL water.
5824'-5898'	Frac with 60,480# 20/40 mesh sand & 90,640# 16/30 mesh sand with 40,908 gals 2% KCL gelled water.
5378'-5394	Break down with 4452 gals 2% KCL water.
5300'-5338'	Break down with 3486 gals 2% KCL water.
5160'-5216'	Break down with 3,822 gals 2% KCl water. Frac with 67,000# 20/40 mesh sand & 68,700# 16/30 mesh sand with 37,548 gals 2% KCL gelled water.

/mc
4-12-95

FORM 7

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
APR 7 1995
DIV OF OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Balcron Monument Federal #23-25

   API number: 43-047-32529

2. Well Location: QQ NE SW 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

   Buckhannon, WV 26201 Phone: (304) 472-4610

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

DEPTH		VOLUME	QUALITY
FROM	TO	(FLOW RATE OR HEAD)	(FRESH OR SALTY)
		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: 4-12-95

Name & Signature: Bobbie Schuman, Bobbie Schuman Title: Regulatory & Environmental Specialist

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:
1-LEP 7-SJ
2-DTS 8-FILE
3-VLD GIL
4-RJF
5-LEC
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)	EQUITABLE RESOURCES ENERGY COEROM
(address)	1601 LEWIS AVE
	BILLINGS MT 59102-4126
	phone (406) 259-7860
	account no. N9890
FROM (former operator)	EQUITABLE RESOURCES ENERGY CO
(address)	BALCRON OIL DIVISION
	1601 LEWIS AVE
	BILLINGS MT 59102-4126
	phone (406) 259-7860
	account no. N9890

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

Name: **SEE ATTACHED**	API: 043-32529	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

Lec 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.

Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above~~. (4-10-96)

Lec 6. Cardex file has been updated for each well listed above. (4-11-96)

Lec 7. Well file labels have been updated for each well listed above. (4-11-96)

Lec 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)

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.

– OVER –

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ___ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

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

Lec 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
4/22/96 notification has been requested.

DTS 2. Copies of documents have been sent to State Lands for changes involving **State leases.**
Sent to Ed Bonner — Trust Lands

FILMING

VDR 1. All attachments to this form have been microfilmed. Date: May 30 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".

FORM 10

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 4301331476 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: _____

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

Name and Signature: _____ Telephone Number: _____

(12/93)

Balcron Monument Fed. #14-12J	Monument Butte	SW SW	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521-A	43-013-31411	660' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #14-15	Monument Butte	SW SW	15	9S	16E	Duchesne	UT	PND	Green River	U-017985	43-013-31381	772' FSL, 543' FWL	Vernal	
Balcron Monument Fed. #14-26	Monument Butte	SW SW	26	8S	16E	Duchesne	UT	PND	Green River	U-34346	43-013-31512	660' FSL, 660' FWL	Vernal	
Balcron Monument Fed. #14-3-9-17Y	Monument Butte	SW SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31535	671' FSL, 792' FWL	Vernal	
Balcron Monument Fed. #14-4	Monument Butte	SW SW	4	9S	16E	Duchesne	UT	PND	Green River	U-73086	43-013-31430	719' FSL, 607' FWL	Vernal	
Balcron Monument Fed. #14-5	Monument Butte	SW SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020250	43-013-31385	556' FSL, 517' FWL	Vernal	Jonah
Balcron Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31398	660' FSL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #21-10-9-17Y	Monument Butte	NE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31537	807' FNL, 2120' FWL	Vernal	
Balcron Monument Fed. #21-14J	Monument Butte	NE NW	14	9S	16E	Duchesne	UT	WIW	Green River	U-096547	43-013-31421	518' FNL, 1850' FWL	Vernal	Jonah
Balcron Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #21-25	Undesignated	NE NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32528	748' FNL, 1964' FWL	Vernal	
Balcron Monument Fed. #22-12J	Monument Butte	SE NW	12	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15796	2018' FNL, 2099' FWL	Vernal	Jonah
Balcron Monument Fed. #22-14J	Monument Butte	SE NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31489	2134' FNL, 2198' FWL	Vernal	Jonah
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #22-20-9-18Y	Monument Butte	SE NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32711	1980' FNL, 1980' FWL	Vernal	
Balcron Monument Fed. #22-22-8-17Y	Monument Butte	SE NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-67845	43-013-31538	1945' FNL, 2030' FWL	Vernal	
Balcron Monument Fed. #22-5	Monument Butte	SE NW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31384	1853' FNL, 1980' FWL	Vernal	Jonah
Balcron Monument Fed. #23-11	Monument Butte	NE SW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31369	1787' FSL, 2147' FWL	Vernal	Jonah
Balcron Monument Fed. #23-15	Monument Butte	NE SW	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31373	1724' FSL, 2078' FWL	Vernal	Jonah
Balcron Monument Fed. #23-24-8-17		NE SW	24	8S	17E	Uintah	UT	PND	Green River				Vernal	
Balcron Monument Fed. #23-25	Undesignated	NE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32529	1927' FSL, 2139' FWL	Vernal	
Balcron Monument Fed. #23-5	Monument Butte	NE SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-31383	1816 'FSL, 2057'FWL	Vernal	Jonah
Balcron Monument Fed. #24-12J	Monument Butte	SE SW	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-31409	539' FSL, 1777' FWL	Vernal	Jonah
Balcron Monument Fed. #24-25	Undesignated	SE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32669	653' FSL, 2028' FWL	Vernal	
Balcron Monument Fed. #24-5	Monument Butte	SE SW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31375	765' FSL, 2243' FWL	Vernal	Jonah
Balcron Monument Fed. #24-6	Monument Butte	SE SW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31363	504' FSL, 1613' FWL	Vernal	Jonah
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #31-1J	Monument Butte	NW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31413	660' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #31-25	Undesignated	NW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32530	660' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #31-7J	Monument Butte	NW NE	7	9S	17E	Duchesne	UT	WIW	Green River	U-44426	43-013-31405	831' FNL, 1782' FEL	Vernal	Jonah
Balcron Monument Fed. #32-11	Monument Butte	SW NE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31386	2059' FNL, 1763' FEL	Vernal	Jonah
Balcron Monument Fed. #32-12J	Monument Butte	SW NE	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521	43-013-31419	1805' FNL, 2139' FEL	Vernal	Jonah
Balcron Monument Fed. #32-14J	Monument Butte	SW NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31490	1980' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #32-15	Monument Butte	SW NE	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31368	1868' FNL, 1993' FEL	Vernal	Jonah
Balcron Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31465	1880' FNL, 1980' FEL	Vernal	Beluga

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

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: See attached listing

SUNDRY NOTICES AND REPORTS ON WELLS

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

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.

7. Unit Agreement Name: See attached listing

1. Type of Well: OIL ☐ GAS ☐ 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

Footages: See attached listing

County: See attached list

QQ, 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)	
☐ Abandon	☐ New Construction	☐ Abandon *	☐ New Construction
☐ Repair Casing	☐ Pull or Alter Casing	☐ Repair Casing	☐ Pull or Alter Casing
☐ Change of Plans	☐ Recomplete	☐ Change of Plans	☐ Reperforate
☐ Convert to Injection	☐ Reperforate	☐ Convert to Injection	☐ Vent or Flare
☐ Fracture Treat or Acidize	☐ Vent or Flare	☐ Fracture Treat or Acidize	☐ Water Shut-Off
☐ Multiple Completion	☐ Water Shut-Off	☒ Other Operator name change	
☐ Other _____			

Approximate date work will start _____

Date of work completion _____

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

* Must be accompanied by a cement verification report.

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

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

13.

Name & Signature: Bobbie Schuman
Bobbie Schuman

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

(This space for State use only)

(4\94)

(See Instructions on Reverse Side)

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number: See Attached
6. If Indian, Allottee or Tribe Name: n/a
7. Unit Agreement Name: See Attached
8. Well Name and Number: See Attached
9. API Well Number: See Attached
10. Field and Pool, or Wildcat: See Attached

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well: OIL [X] GAS [ ] OTHER:

RECEIVED

2. Name of Operator: Inland Production Company

OCT 13 1997

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

4. Location of Well

Footages: See Attached Exhibit

County:

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

State:

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

Approximate date work will start _____

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 Title: CHRIS A. POTTER, ATTORNEY-IN-FACT Date: 9/30/97

This space for State use only)

(See Instructions on Reverse Side)

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
HENDEL FEDERAL #1-17	NENW 17 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30059-00	UTU017991	
HENDEL FEDERAL #3-17	SWNW 17 9S 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	SENW 25 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32008-00	UTU67845	UTU76189X
MONUMENT BUTTE FED #24-25	SE SW 25 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32669-00	UTU67845	UTU76189X
MONUMENT BUTTE FED #34-25	SW SE 25 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32670-00	UTU67845	UTU76189X
MONUMENT BUTTE FED. #21-25	NENW 25 8S 17E	DUCHESNE	UT	UNDESIGNATED (H)	43-047-32528-00	UTU67845	UTU76189X
MONUMENT BUTTE FED. #12-25	SWNW 25 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32526-00	UTU67845	UTU76189X
MONUMENT BUTTE FED. #23-25	NESW 25 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32529-00	UTU67845	UTU76189X
MONUMENT BUTTE FED. #31-25	NWNE 25 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32530-00	UTU67845	UTU76189X
MONUMENT BUTTE FED. #32-25	SWNE 25 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32524-00	UTU67845	UTU76189X
MONUMENT BUTTE FED. #33-25	NWSE 25 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32525-00	UTU67845	UTU76189X
MONUMENT FEDERAL #11-25	NWNW 25 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32455-00	UTU67845	UTU76189X
PARIETTE DRAW FED. #8-23	SE NE 23 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32676-00	UTU45431	UTU76189X
PARIETTE FEDERAL #9-23	NESE 23 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-31543-00	UTU45431	UTU76189X
PARIETTE FEDERAL #12-24	SWNW 24 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32713-00	UTU45431	UTU76189X
PARIETTE FEDERAL #13-24	NWSW 24 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32546-00	UTU45431	UTU76189X
PARIETTE FEDERAL #14-24	SWSW 24 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32645-00	UTU45431	UTU76189X
PARIETTE FEDERAL #23-24-8-17	NE SW 24 8S 17E	UINTAH	UT	MONUMENT BUTTE (H)	43-047-32710-00	UTU45431	UTU76189X
PARIETTE FEDERAL #24-24	SESW 24 8S 17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32646-00	UTU45431	UTU76189X
PARIETTE FEDERAL #34-24	SWSE 24 8S R17E	UINTAH	UT	UNDESIGNATED (H)	43-047-32506-00	UTU45431	UTU76189X

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.

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

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc

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

02/10/98

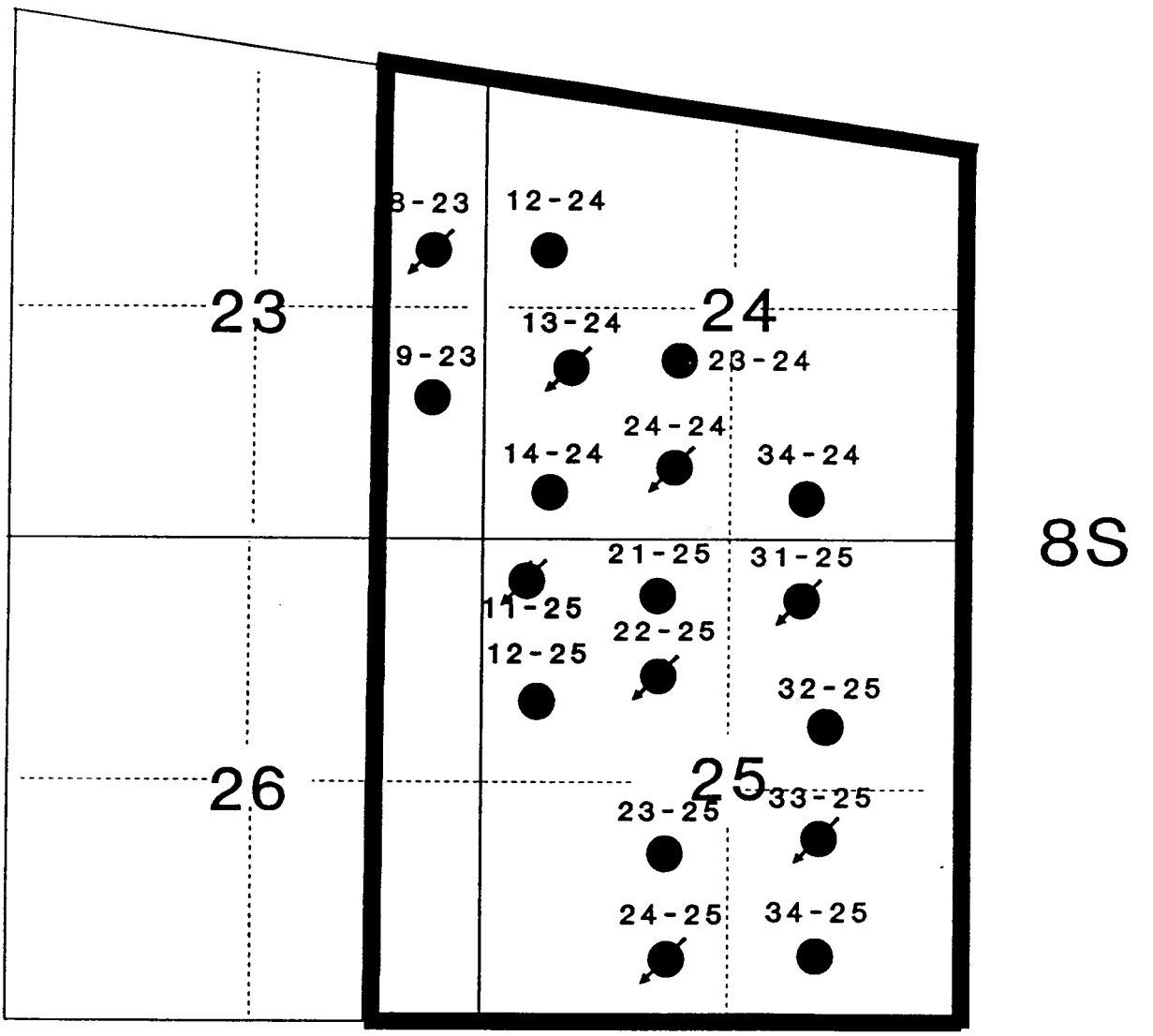
Well Status Report
Utah State Office
Bureau of Land Management

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



17E

UNIT OUTLINE (UTU76189X)

1,468.47 ACRES

SECONDARY ALLOCATION
FEDERAL 100.00%

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

Routing:	
1-LEC	6-LEC
~~2-GLH~~	7-KAS
~~3-DTS~~	8-SI
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.

XXX 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)	INLAND PRODUCTION COMPANY	**FROM:** (old operator)	EQUITABLE RESOURCES ENERGY
(address)	PO BOX 1446	(address)	PO BOX 577
	ROOSEVELT UT 84066		LAUREL MT 59044
			C/O CRAZY MTN O&G SVS'S
	Phone: (435)722-5103		Phone: (406)628-4164
	Account no. N5160		Account no. N9890

WELL(S) attach additional page if needed: **HUMPBACK (GREEN RIVER) UNIT**

Name:	**SEE ATTACHED**	API:	43-047-32529	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.

OPERATOR CHANGE WORKSHEET (continued) - Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Lec 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
12053 previously assigned "Humpback (GR) 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/Lec 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.

FORM 10

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

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 / API Number / Entity / Location	Producing Zone	Well Status	Days Oper	Production Volumes OIL(BBL)	GAS(MCF)	WATER(BBL)
MONUMENT FEDERAL 23-25 4304732529 12053 08S 17E 25	GRRV			U67845	Humpback(GR)	Unit
MONUMENT FEDERAL 31-25 4304732530 12053 08S 17E 25	GRRV			"	"	
PARIETTE FEDERAL 13-24 4304732546 12053 08S 17E 24	GRRV			U45431	"	
PARIETTE FEDERAL 14-24 4304732645 12053 08S 17E 24	GRRV			"	"	
PARIETTE FEDERAL 24-24 4304732646 12053 08S 17E 24	GRRV			"	"	
BALCRON MONUMENT FEDERAL 24-25 4304732669 12053 08S 17E 25	GRRV			U67845	"	
BALCRON MONUMENT FEDERAL 34-25 4304732670 12053 08S 17E 25	GRRV			"	"	
PARIETTE DRAW FEDERAL 8-23 4304732676 12053 08S 17E 23	GRRV			U45431	"	
PARIETTE FEDERAL 23-24 4304732710 12053 08S 17E 24	GRRV			"	"	
PARIETTE FEDERAL 12-24 4304732713 12053 08S 17E 24	GRRV			"	"	
MONUMENT FEDERAL 43-10-9-16 4301331723 12065 09S 16E 10	GRRV					
MONUMENT FEDERAL 34-31-8-16 4301331715 12067 08S 16E 31	GRRV					
MONUMENT FEDERAL 33-10-9-16 4301331722 12087 09S 16E 10	GRRV					
			TOTALS			

COMMENTS: _____

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

Name and Signature: _____ Telephone Number: _____

12/93)

Inland
RESOURCES INC.

April 20, 1998

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Balcron Monument Federal #23-25, Humpback Unit
Monument Butte Field, Lease #U-67845
Section 25-Township 8S-Range 17E
Uintah County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Balcron Monument Federal #23-25 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Humpback Unit.

Please note that the wells in this field typically do not produce enough water to sample. Therefore, the sample being submitted with this application is that of a nearby well.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Debbie Knight at (303) 382-4434.

Sincerely,

John E. Dyer
Chief Operating Officer

410 Seventeenth Street, Suite 700, Denver, CO 80202 • 303-893-0102 • FAX 303-893-0103

INLAND PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

BALCRON MONUMENT FEDERAL #23-25

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

HUMPBACK UNIT

LEASE #U-67845

APRIL 20, 1998

TABLE OF CONTENTS

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company
ADDRESS 410 17th Street, Suite 700
Denver, Colorado 80202

Well Name and number: Balcron Monument Federal #23-25
Field or Unit name: Monument Butte (Green River) Humpback Unit Lease No. U-67845
Well Location: QQ NESW section 25 township 8S range 17E county Uintah

Is this application for expansion of an existing project? . . . . . Yes [X] No [ ]

Will the proposed well be used for: Enhanced Recovery? . . . . . Yes [X] No [ ]
Disposal? . . . . . Yes [ ] No [X]
Storage? . . . . . Yes [ ] No [X]

Is this application for a new well to be drilled? . . . . . Yes [ ] No [X]

If this application is for an existing well,
has a casing test been performed on the well?. . . . . Yes [X] No [ ]
Date of test: 2/6/95
API number: 43-047-32529

Proposed injection interval: from 5160' to 5898'
Proposed maximum injection: rate 500 bpd pressure 1457 psig
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Exhibits "A" through "G"

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

Name: John E. Dyer Signature
Title Chief Operating Officer Date 4/20/98
Phone No. (303) 292-0900

(State use only)
Application approved by Title
Approval Date

Comments:

FAX COVER SHEET

Inland
RESOURCES INC.
410 17th Street, Suite 700
Denver, CO 80202
Phone: 303-893-0102, Fax: 303-382-4454

DATE: June 29, 1998

TO: Brad Hill

COMPANY: State of Utah

FAX NUMBER: 801-359-3940

FROM: Debbie Knight

NUMBER OF PAGES: 1 INCLUDING COVER SHEET

Per your request, regarding packer/anchor settings for wells in the Humpback Unit:

Well Name	Packer/anchor Depth
Monument Federal #12-25	5208.43'
Monument Federal #21-25	5289.93'
Monument Federal #23-25	5119.34'
Monument Federal #32-25	5094.61'
Monument Federal #34-25	5209.79'

Let me know if you need additional info.

Thanks
Debbie

If you do not receive all pages or there is a problem with this transmission, please call 303-382-4441.

Balcron Monument Federal # 23-25
Monument Butte (Humpback Unit)
Lease #U-67845
NE SW Section 25, T8S, R17E
1927' FSL, 2139' FWL
Uintah County, Utah

Elev.GR - 4992' GL
Elev. KB - 5002' KB (10' KB)

PROPOSED INJECTION WELLBORE DIAGRAM

DATE : 10/25/96 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 260.50' (6 jt's)
DEPTH LANDED: 270.50' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: By Western W/ 160 sxs class "G", 2% CaCL2, 1/4#/sk cello-seal.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6173.26' (146 jts)
DEPTH LANDED: 6182.26' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 50 sxs super "G", 47#/sk POZ, 17#/sk CSE, 3% salt 2% gel, 5#/sk HISEAL, 2-1/4#/sk CELLOSEAL
Tailed w/ 125 sxs super "G", 47#/sk G +20#/sk POZ 17#/sk CSE, 3% salt, 2% GEL
2#/sk HISEAL, 2-1/4#/sk CELLOSEAL
450 sxs 50/50 POZ + 2% GEL, 2#/sk HISEAL

CEMENT TOP AT: 2230' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" EUE / J-55 / 6.5#
NO. OF JOINTS: 162 jts (5108.03')
TUBING ANCHOR: 2 7/8 x 5 1/2 - 2.35
NO. OF JOINTS: 27 jts (831.27')
SEATING NIPPLE: 2 7/8 - 1.10'
PERFORATED SUB: 2 7/8 - 4.20'
MUD ANCHOR: 2 7/8 / 31.07'
STRING LENGTH: 5978.02'
SN LANDED AT: 5952.75' KB

SUCKER RODS

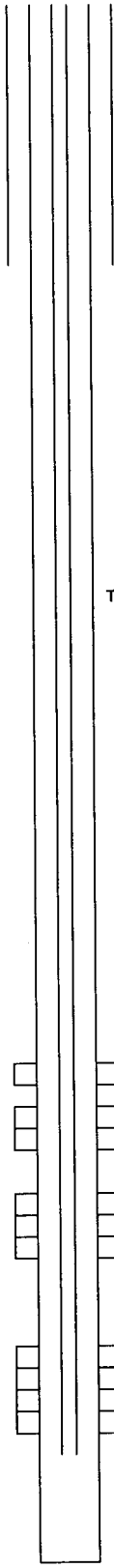
POLISHED ROD:
SUCKER RODS:

STRING LENGTH:

PUMP NUMBER:
PUMP SIZE:

STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT:
PRIME MOVER:

LOGS: Digital Sonic Log
Dipole Shear Anisotropy Log
Integrated Porosity Lithology Log
CBL/GR
Formation Microimager Monitor Log
Mechanical Properties Impact Log



270.50' KB

TOC @ 2230' KB

5160'-76' R-5
5204'-07' R-5
5214'-16' R-5
5300'-08' G-1
5327'-38' G-1
5378'-94' G-1
5824'-27' B-1C
5830'-34' B-1C
5850'-55' B-1D
5886'-98' B-2

EOT LANDED @ 5988' KB

PBTD @ 6137' KB
TD @ 6200' KB

ACID JOB /BREAKDOWN

2/8/95	5824'-5827' 5830'-5834' 5850'-5855'	Western: 2940 gal 2% KCL wtr w/ 100 ball sealers, ball action seen but no ball out. ATP= 4700 psi, ATR=6.0 bpm ISIP= 1000 psi.
2/8/95	5886'-5898'	Western: 3150 gal 2% KCL wtr w/ 100 ball sealers. Ball action seen but no ball off. ATP= 2300 psi, ATR= 5.9 bpm, ISIP=1000 psi.
2/13/95	5300'-5308' 5327'-5338'	Western: 3486 gals 2% KCL w/ 150 ball sealers. Ball action seen but no ball off. ATP= 2150 psi, ATR= 5.0 bpm, ISIP= 800 psi.
2/13/95	5378'-5394'	Western: 4452 gals 2% KCL w/ 125 ball sealers. Ball actions seen but no ball off. ATP=1800 psi, ATR= 6.1 bpm, ISIP= 800 psi.
2/27/95	5160'-5175' 5204'-5207' 5214'-5216'	Western: 3822 gal 2% KCL wtr, w/ 125 ball sealers. Ball action seen but no ball off. ATP=2400 psi, ATR= 6.8 bpm, ISIP= 1100 psi.

FRAC JOB

2/8/95	5824'-5827' 5830'-5834' 5850'-5855' 5886'-5898'	Western: 40,908 gal 2% KCL wtr w/ 60,480 # 20/40 sand and 90,640 # 16/30 sand. ATP= 1700 psi, ATR= 31.5 bpm, ISIP=1750 psi, 5 min=1580 psi, 10 min= 1490 psi, 15 min=1420 psi, 30 min=1360 psi.
2/20/95	5300'-5308' 5327'-5338' 5378'-5394'	Western: 47,208 gals 2% KCL wtr w/ 60,000# 20/40 sand & 92,000# 16/30 sand. ATP=1200 psi, ATR=33.0 bpm, ISIP=1500 psi, 5 min= 1360 psi, 10 min=1250 psi, 15 min=1180 psi, 30 min= 985 psi.
2/27/95	5160'-5175' 5204'-5207' 5214'-5216'	Western: 37,548 gals 2% KCL wtr, w/ 67,000# 20/40 sand & 68,700# 16/30 sand. ATP= 1950 psi, ATR= 31 bpm, ISIP= 1650 psi.

PERFORATION RECORD

2/7/95	Cutter Wireline Service	5824'-5827'	4 SPF	B-1C
		5830'-5834'	4 SPF	B-1C
		5850'-5855'	4 SPF	B-1D
		5886'-5898'	4 SPF	B-2
2/13/95	Cutter Wireline Service	5300'-5308'	4 SPF	G-1
		5327'-5338'	4 SPF	G-1
		5378'-5394'	4 SPF	G-1
2/27/96	Cutter Wireline Service	5160'-5176'	4 SPF	R-5
		5204'-5207'	4 SPF	R-5
		5214'-5216'	4 SPF	R-5

WORK PROCEDURE FOR INJECTION CONVERSION

1. **Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.**

2. **Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.**

3. **Test casing and packer.**

4. **Rig down, move out.**

REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**

2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

   2.1 The name and address of the operator of the project.

   Inland Production Company
   410 17th Street, Suite 700
   Denver, Colorado 80202

   2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

   See Attachment A

   2.3 A full description of the particular operation for approval is requested.

   Approval is requested to convert the Balcron Monument Federal #23-25 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Humpback Unit.

   A description of the pools from which the identified wells are producing or have produced.

   The proposed injection well will inject into the Green River Formation.

   2.4 The names, description and depth of the pool or pools to be affected.

   The injection zone is in the Douglas Creek Member of the Green River Formation. At the Balcron Monument Federal #23-25 well, the proposed injection zone is from 5160'-5898'. The confining stratum directly above and below the injection zone is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 5160'.

   2.5 A copy of a log of a representative well completed in the pool.

   The referenced log for the Balcron Monument Federal #23-25 is on file with the Utah Division of Oil, Gas and Mining.

2.6 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.7 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.8 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.9 Any additional information the Board may determine is necessary to adequately review the petition.

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #U-67845), in the Monument Butte (Green River) Field, Humpback Unit, and this request is for administrative approval.

REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

   2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

   See Attachment A and B.

   2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

   All logs are on file with the Utah Division of Oil, Gas and Mining.

   2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

   A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

   2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

   All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

   2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

   The casing program is 8-5/8", 24#, J-55 surface casing run to 270.50' GL, and the 5-1/2" casing run from surface to 6182.26' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

   2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

   The type and source of fluid to be injected is culinary water from the Johnson Water District supply line. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

   2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

   See Attachment F, F-1, and F-2.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1457 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The fracture gradient for the Balcron Monument Federal #23-25, for proposed zones (5160'-5898') calculates at .71 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1457 psig. See Attachment G through G-3.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Balcron Monument Federal #23-25, the injection zone (5160'-5898') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31', and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-9.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

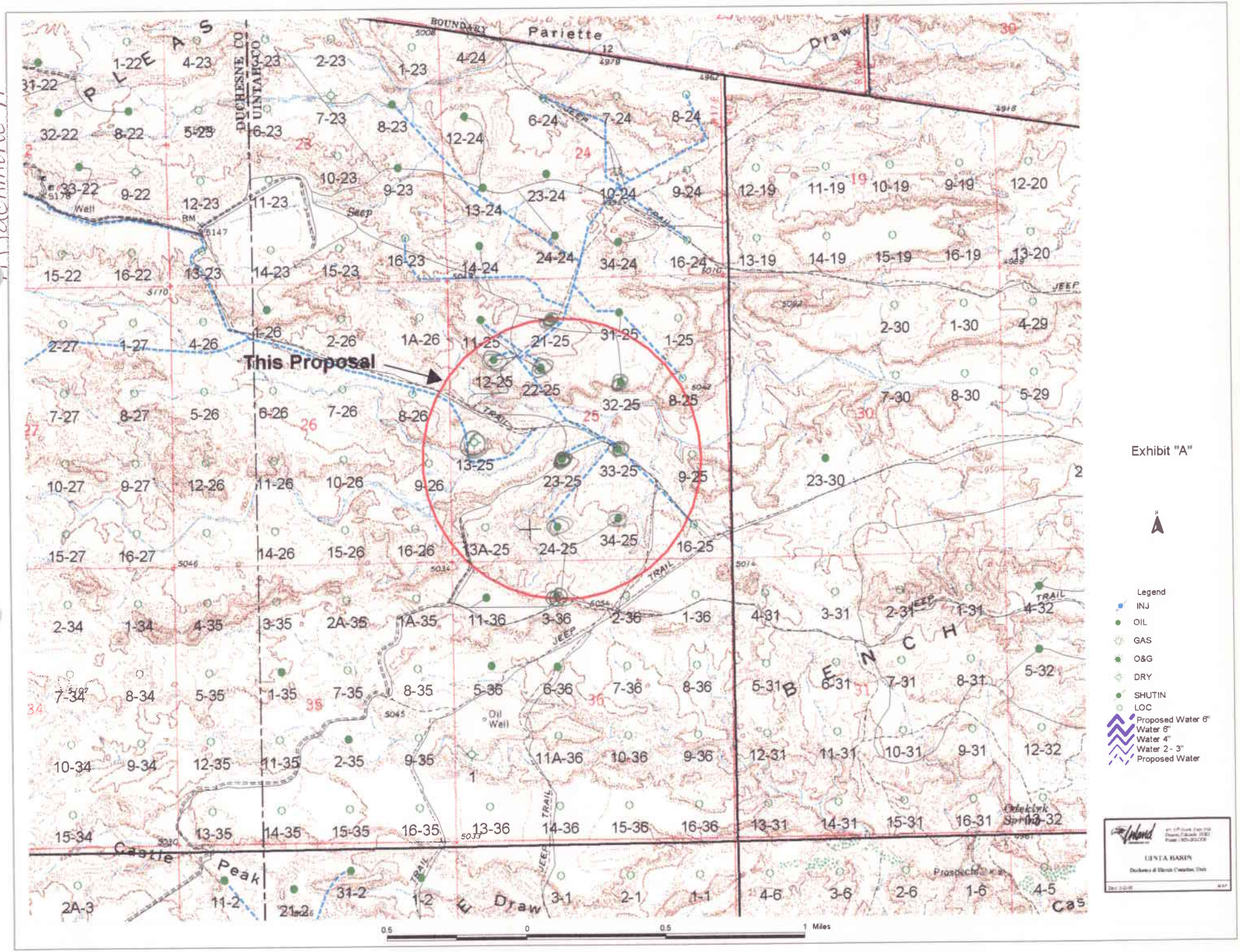
2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Inland Production Company will supply any requested information to the Board or Division.

Attachment A

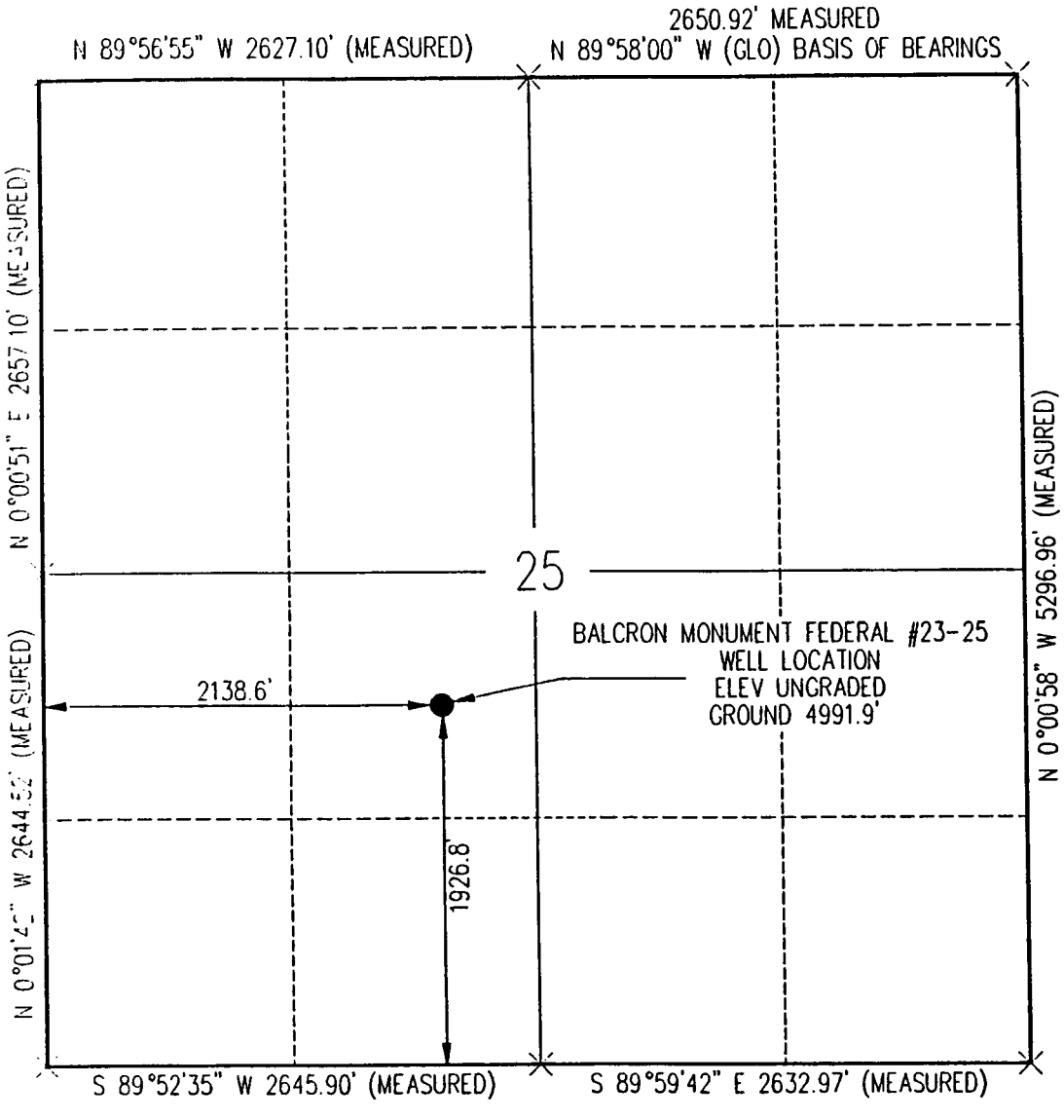


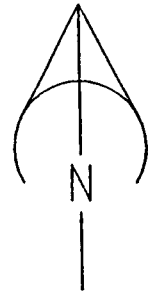
Attachment A-1

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

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FEDERAL #23-25, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 25, T8S, R17E, S.L.B. & M, UINTAH COUNTY, UTAH.





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

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

REGISTERED LAND SURVEYOR
No. 189377
STACY W. STEWART
STATE OF UTAH

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 QS
FILE: MF#23-25

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

EXHIBIT B
Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 8 South, Range 17 East Section 22: NE/4, E/2NW/4, S/2 Section 25: W/2E/2, NW/4 N/2SW/4, SE/SW Section 26: N/2, N/2S/2	U-67845 HBP	Inland Production Company	(Surface Rights) USA
3	Township 8 South, Range 17 East Section 36: All	ML-44305 HBP	Inland Production Company Yates Petroleum Corporation ABO Petroluem Corporation Yates Drilling Company Myco Industries	(Surface Rights) St. of Utah
3	Township 8 South, Range 17 East Section 24: L1, E/2SW/4 Section 25: E/2E/2, SW/4SW/4 Section 26: SE/4SE/4	U-74870 HBP	Inland Production Company	(Surface Rights) USA

Attachment B

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Balcron Monument Federal #23-25

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____
Inland Production Company
John E. Dyer
Chief Operating Officer

Sworn to and subscribed before me this 20th day of April, 1998.

Notary Public in and for the State of Colorado: Patsy A. Barreau

PATSY A. BARREAU NOTARY PUBLIC STATE OF COLORADO

My Commission Expires 11/14/2000

Attachment E

Balcron Monument Federal # 23-25
Monument Butte (Humpback Unit)
Lease #U-67845
NE SW Section 25, T8S, R17E
1927' FSL, 2139' FWL
Uintah County, Utah

Elev.GR - 4992' GL
Elev. KB - 5002' KB (10' KB)

WELLBORE DIAGRAM

DATE : 10/25/96 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 260.50' (6 jt's)
DEPTH LANDED: 270.50' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: By Western W/ 160 sxs class "G", 2% CaCL2, 1/4#/sk cello-seal.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6173.26' (146 jts)
DEPTH LANDED: 6182.26' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 50 sxs super "G", 47#/sk POZ, 17#/sk CSE, 3% salt 2% gel, 5#/sk HISEAL, 2-1/4#/sk CELLOSEAL
Tailed w/ 125 sxs super "G", 47#/sk G +20#/sk POZ 17#/sk CSE, 3% salt, 2% GEL 2#/sk HISEAL, 2-1/4#/sk CELLOSEAL
450 sxs 50/50 POZ + 2% GEL, 2#/sk HISEAL

CEMENT TOP AT: 2230' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" EUE / J-55 / 6.5#
NO. OF JOINTS: 162 jts (5108.03')
TUBING ANCHOR: 2 7/8 x 5 1/2 - 2.35
NO. OF JOINTS: 27 jts (831.27')
SEATING NIPPLE: 2 7/8 - 1.10'
PERFORATED SUB: 2 7/8 - 4.20'
MUD ANCHOR: 2 7/8 / 31.07'
STRING LENGTH: 5978.02'
SN LANDED AT: 5952.75' KB

SUCKER RODS

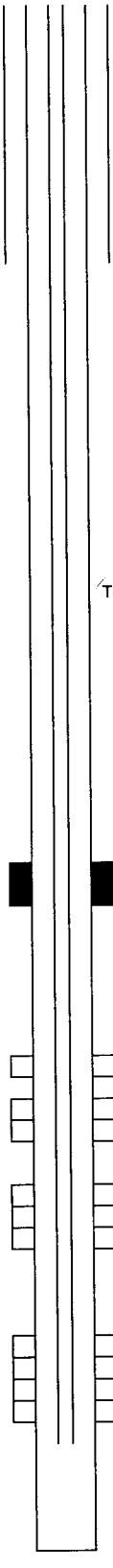
POLISHED ROD: 1-1/4"x22'
SUCKER RODS: 237- 3/4"x25' D-61 Plain

STRING LENGTH: 5925'

PUMP NUMBER: Trico # 1127
PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC

STROKE LENGTH: 85.5"
PUMP SPEED, SPM: 7-1/2" SPM
PUMPING UNIT: American 228-213-86
PRIME MOVER: Ajax EH-30

LOGS: Digital Sonic Log
Dipole Shear Anisotropy Log
Integrated Porosity Lithology Log
CBL/GR
Formation Microimager Monitor Log
Mechanical Properties Impact Log



ACID JOB /BREAKDOWN

2/8/95	5824'-5827' 5830'-5834' 5850'-5855'	Western: 2940 gal 2% KCL wtr w/ 100 ball sealers, ball action seen but no ball out. ATP= 4700 psi, ATR=6.0 bpm ISIP= 1000 psi.
2/8/95	5886'-5898'	Western: 3150 gal 2% KCL wtr w/ 100 ball sealers. Ball action seen but no ball off. ATP= 2300 psi, ATR= 5.9 bpm, ISIP=1000 psi.
2/13/95	5300'-5308' 5327'-5338'	Western: 3486 gals 2% KCL w/ 150 ball sealers. Ball action seen but no ball off. ATP= 2150 psi, ATR= 5.0 bpm, ISIP= 800 psi.
2/13/95	5378'-5394'	Western: 4452 gals 2% KCL w/ 125 ball sealers. Ball actions seen but no ball off. ATP=1800 psi, ATR= 6.1 bpm, ISIP= 800 psi.
2/27/95	5160'-5175' 5204'-5207' 5214'-5216'	Western: 3822 gal 2% KCL wtr, w/ 125 ball sealers. Ball action seen but no ball off. ATP=2400 psi, ATR= 6.8 bpm, ISIP= 1100 psi.

FRAC JOB

2/8/95	5824'-5827' 5830'-5834' 5850'-5855' 5886'-5898'	Western: 40,908 gal 2% KCL wtr w/ 60,480 # 20/40 sand and 90,640 # 16/30 sand. ATP= 1700 psi, ATR= 31.5 bpm, ISIP=1750 psi, 5 min=1580 psi, 10 min= 1490 psi, 15 min=1420 psi, 30 min=1360 psi.
2/20/95	5300'-5308' 5327'-5338' 5378'-5394'	Western: 47,208 gals 2% KCL wtr w/ 60,000# 20/40 sand & 92,000# 16/30 sand. ATP=1200 psi, ATR=33.0 bpm, ISIP=1500 psi, 5 min= 1360 psi, 10 min=1250 psi, 15 min=1180 psi, 30 min= 985 psi.
2/27/95	5160'-5175' 5204'-5207' 5214'-5216'	Western: 37,548 gals 2% KCL wtr, w/ 67,000# 20/40 sand & 68,700# 16/30 sand. ATP= 1950 psi, ATR= 31 bpm, ISIP= 1650 psi.

PERFORATION RECORD

2/7/95	Cutter Wireline Service	5824'-5827'	4 SPF	B-1C
		5830'-5834'	4 SPF	B-1C
		5850'-5855'	4 SPF	B-1D
		5886'-5898'	4 SPF	B-2
2/13/95	Cutter Wireline Service	5300'-5308'	4 SPF	G-1
		5327'-5338'	4 SPF	G-1
		5378'-5394'	4 SPF	G-1
2/27/96	Cutter Wireline Service	5160'-5176'	4 SPF	R-5
		5204'-5207'	4 SPF	R-5
		5214'-5216'	4 SPF	R-5

PROPOSED PERFORATIONS :

4531' - 4533'	4 SPF	2 ft	8 holes
4543' - 4554'	4 SPF	11 ft	44 holes

Attachment E-1

BALCRON MONUMENT FEDERAL #21-25
NE NW Section 25, T8S, R17E
747.6' FNL, 1963.6' FWL
Lease #U-67845
Undesignated Field (Humpback Unit)
Duchesne County, Utah

Elev.GR - 5060' GL
Elev.KB - 5070' KB (10' KB)

WELLBORE DIAGRAM

DATE : 10/25/96 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 9 jts (389.55 ft)
DEPTH LANDED: 399.55' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 230 sxs class "G" w/ 2% CCL + 1/4 #/sk CelloSeal

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts (6281.32 ft)
DEPTH LANDED: 6290' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 194 sxs super "G" w/ (47# "G" + 20# Poz A + 17# CSE + 2# HiSeal + 1/4# CelloSeal)/sk + 3% salt +2% gel Tailed w/ 535 sxs 50/50 POZ + 2% gel + (1/4# CelloSeal + 2# HiSeal2)/sk

CEMENT TOP AT: 1874' KB per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5277.58 ft)
TUBING ANCHOR: 2-7/8" x 5-1/2" (2.35 ft)
NO. OF JOINTS: 24 jts (737.84 ft)
SEATING NIPPLE: 2-7/8" x 1' (1.10 ft)
PERFORATED SUB: 2-7/8" x 3' (3.20 ft)
MUD ANCHOR: 2-7/8" x 31' (31.85 ft)
TOTAL STRING LENGTH: 6053.92 ft (EOT @ 6064' KB)
SN LANDED AT: 6029' KB

SUCKER RODS

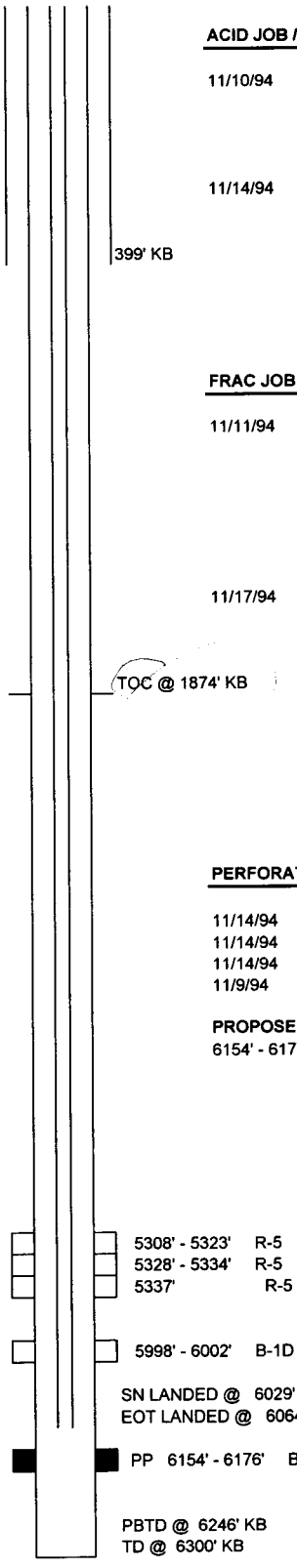
POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: one - 3/4" x 6' pony
one - 3/4" x 8' pony
239 - 3/4" x 25' Plain D-61

TOTAL STRING LENGTH: 6005.5 ft

PUMP NUMBER: Trico #?
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC w/ PA plunger

STROKE LENGTH: 72 in.
PUMP SPEED, SPM: 7.5 SPM
PUMPING UNIT SIZE: CMI 160-200-74
PRIME MOVER: Arrow

LOGS: Comensated Neutron-Litho-Density, Dual Latero-log, CBL w/ Gamma Ray



ACID JOB /BREAKDOWN

11/10/94	5998' - 6002'	Western : 672 gal 15% HCl acid w/ 32 ball sealers. No ball off. Flush w/ 1470 gal 2% KCl wtr. ATP-2400 psi, Max-2600 psi, ATR-2 bpm, Flush-4 bpm. ISIP-1200 psi.
11/14/94	5308' - 5337'	Western : 1554 gal 3% KCl wtr w/ 75 ball sealers. Flush w/ 1344 gal 3% KCl wtr. ATP-2500 psi, Max-4000 psi, ATR-4.2 bpm, Flush-6.1 bpm. ISIP-400 psi.

FRAC JOB

11/11/94	5998' - 6002'	Western : 2016 gal 2% KCl wtr pad followed by 4704 2% KCl gel w/ 17,020# 20/40 + 10,360# 16/30 sand. Flush w/ 5964 gal 2% KCl wtr. ATP-3000 psi, Max-3100 psi, ATR-30 bpm, Max-31.1 bpm. ISIP-1950 psi, 5 min-1670 psi, 10 min-1510 psi, 15 min-1440 psi, 30 min - 1200 psi
11/17/94	5308' - 5337'	Western : 7098 gal 2% KCl pad followed by 26,712 gal 2% KCl gel w/ 80,580# 20/40 + 67,420# 16/30 sand. Flush w/ 5292 gal 2% KCl water. ATP-1600 psi, Max-1870 psi, ATR-30 bpm, Flush-32 bpm. ISIP-1380 psi, 5 min-1110 psi, 10 min-1040 psi, 15 min-990 psi, 30 min-900 psi

PERFORATION RECORD

11/14/94	5308' - 5323'	2 SPF	15 ft	30 holes	R-5
11/14/94	5328' - 5334'	2 SPF	6 ft	12 holes	R-5
11/14/94	5337'	2 SPF	1 ft	2 holes	R-5
11/9/94	5998' - 6002'	4 SPF	4 ft	16 holes	B-1D

PROPOSED PERFORATIONS :

6154' - 6176'	4 SPF	22 ft	88 holes	B-3C

Attachment E-2

Federal #22-25
Monument Butte Field (Humpback Unit)
Lease #UTU-67845
1667' FNL, 1773' FWL
SE NW Sec 25, T8S, R17E
Uintah County, Utah

Elev.GR -5049' GL
Elev.KB - 5063' KB (14' KB)

WELLBORE DIAGRAM

DATE : 9/26/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (294.05 ft)
DEPTH LANDED: 309' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 225 sxs regular w/ 3% CCL

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15#
LENGTH: 7036'
DEPTH LANDED: 7050' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: by Haliburton w/ 425 sx lite tailed w/ 350 sxs reg 2% CC

CEMENT TOP AT: 1520' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE/ J-55 / 6.5#
NO. OF JOINTS: 149 Jts (4796.36')
TUBING ANCHOR: 2-7/8" x 5-1/2" x 2.75' Trico
NO. OF JOINTS: 43 Jts (1380.54')
SEATING NIPPLE: 2-7/8" x 1.10'
PERFORATED SUB: 2-7/8" x 4.25'
MUD ANCHOR: 2-7/8" x 31.77'
STRING LENGTH: 6216.77'
SN LANDED AT: 6194.75' KB

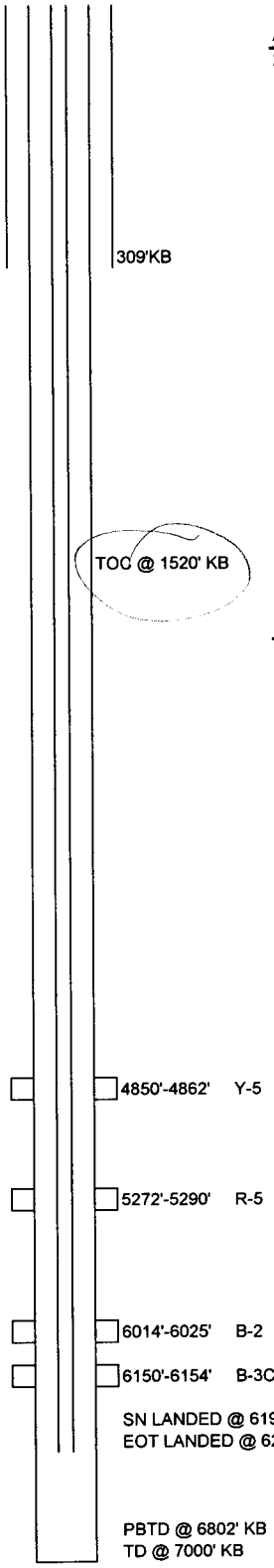
SUCKER RODS

WELL LAST PULLED : 9/3/96

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: 102 - 7/8" x 25' D-61 w/ 2.5" metal scrapers
145 - 3/4" x 25' D-61 Plain
TOTAL STRING LENGTH: 6192'

PUMP NUMBER: Trico #1175
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RwAC w/ PA plunger
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT:
PRIME MOVER:

LOGS: CBL
Dual Laterolog/GR
Temperature
Compensated Densilog
Compensated Neutron/Gr



ACID JOB /BREAKDOWN

2/10/95	6150'-6154'	Western: 2310 gal 2% KCL wtr w/ 8 ball sealers. Ball off. ATP=2500 psi, ATR= 3.8 bpm, ISIP=1650 psi. 10 min-440 psi,15 min-410 psi.
2/9/95	6014'-6025'	Western: 1764 gal 2% KCL wtr w/ 14 ball sealers. ATP= 2000 psi, ATR=4.0 bpm, ISIP=1400 psi.
8/12/91	5272' - 5290'	Smith: w/ 76 bbls hot 2% KCl @4600', dropped 146 balls, some ball action ATP=1880 psi, ATR=9 bpm, ISIP=650 psi. 5 min-450 psi, 10 min-440 psi, 15 min-410 psi.
12/11/91	4850' - 4862'	Western: 840 gal 2% KCl w/ 96 balls. Flush w/ 924 gal, balled out. ATP=3000 psi, ATR=3.5 bpm, ISIP=2000 psi Est. inj. rate of 6.9 bpm @ 3500 psi

FRAC JOB

2/10/95	6014'-6025' 6150'-6154'	Western: 25,872 gal 2% KCl wtr w/ 46,660# 20/40 + 47,900# 16/30 sand ATP=5000 psi, ATR=21 bpm, ISIP= 1800 psi, 5 min=1580 psi, 10 min= 1500 psi, 15 min=1460 psi 1460 psi.
8/13/91	5272' - 5290'	Smith : 40,000 gal pad, 27,366 gal frac fluid w/ 293,000# 16/30 sand ATP=1600 psi, ATR=50 bpm, ISIP=2040 psi.
12/12/91	4850' - 4862'	Western : 14,994 gal pad, 20,664 gal frac fluid w/ 28,125# 16/30 sand Flush w/ 2646 gal, ATP=3100 psi, ATR=35 bpm, Screen Out when 10# sand hit formation

PERFORATION RECORD

2/8/95	6014' - 6025'		7 holes	B-2
	6150' - 6154'		4 holes	B-3C
8/12/91	5272' - 5290'	4 SPF	75 holes	R-5
12/10/91	4850' - 4862'	4 SPF	48 holes	Y-5

Attachment E-3

Balcron Monument Federal #24-25
Monument Butte (Humpback Unit)
Lease #U-67845
SE SW Section 25, T8S, R17E
653' FSL, 2028' FWL
Uintah County, Utah

Elev.GR - 5018' GL
Elev.KB - 5028' KB (10' KB)

WELLBORE DIAGRAM

DATE : 7/18/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 291.52' (7 jts)
DEPTH LANDED: 301.52' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: By BJ Services: 190 sks class"G", 220 $CaCl_2$, 1/4#/sk cello seal.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6206.84' (142 jts)
DEPTH LANDED: 6216.84' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: By BJ Services: 191 sks Super "G", 47#G +20#/sk POZ, 17#/sk CSE, 3%salt 2% Gel, 2#/sk HISEAL, 1/4#/sk CELLO SEAL

CEMENT TOP AT: 1840' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" EUE 8rd / J-55 / 6.5#
NO. OF JOINTS: 166 jts (5207.44')
TUBING ANCHOR: 2-7/8"x5-1/2"x2.35'
NO. OF JOINTS: 3 jts (5304.98')
SEATING NIPPLE: 2-7/8"x1.10'
PERFORATED SUB: 2-7/8"x4.20'
MUD ANCHOR: 2-7/8"x28.42'
STRING LENGTH: 5328.70'
SN LANDED AT: 5306.08' KB

SUCKER RODS

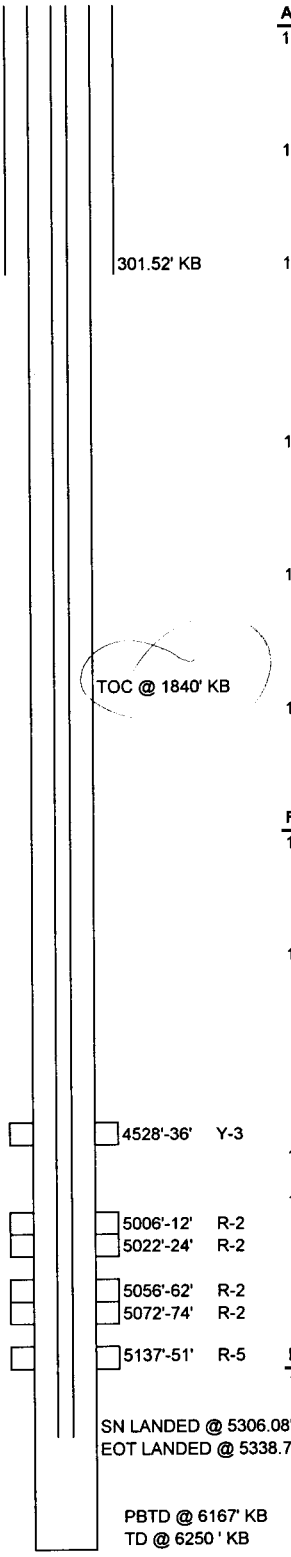
POLISHED ROD: 1-1/4"x22' SM
SUCKER RODS: 2-3/4"x4' Pony Rods
212-3/4"x25' D-61 Plain

TOTAL STRING LENGTH: 5330'

PUMP NUMBER: Trico # 1124
PUMP SIZE: 2-1/2"x1-1/2"x16" RWAC

STROKE LENGTH: 86"
PUMP SPEED, SPM: 6.0 SPM
PUMPING UNIT: Beth. 320-2461-86
PRIME MOVER: Ajax E-42

LOGS: CBL/GR
Dual Laterolog/GR
Compensated Neutron
Litho Density



ACID JOB /BREAKDOWN

10/9/95	5056'-5062' 5072'-5074'	BJ Services: 1558 gal 2% KCL wtr w/ 12 ball sealers. Ball out. ATP=3200 psi, ATR= 3.3 bpm, ISIP=1200 psi.
10/9/95	5137'-5151'	BJ Services: 1587 gal 2% KCL wtr w/ 16 ball sealers. Ball off. ATP= 2000 psi, ATR= 3.4 bpm, ISIP=1000 psi.
10/10/95	5056'-5062' 5072'-5074'	BJ Services: Second breakdown on this section. 200 gal 15% HCL w/ 3168 gal 2% KCL wtr. & 16 ball sealers. Ball action but no ball off. ATP=2000 psi, ATR= 3.1 bpm, ISIP=100 psi.
10/10/95	5137'-5151'	BJ Services: 300 gal 15% HCL w/ 1674 gal 2% KCL wtr w/ 16 ball sealers. Ball action but no ball out. ATP=2500 psi, ATR=3.3 bpm, ISIP= 1200 psi.
10/14/95	5006'-5012' 5022'-5024'	BJ Services: 500 gal 15% HCL w/ 1764 gal 2% KCL wtr 7 64 ball sealers. Ball action but no ball out. ATP= 1800 psi, ATR=5.0 bpm, ISIP=1050 psi.
10/16/95	4528'-4536'	BJ Services: 2016 gal 2% KCL wtr w/ 64 ball sealers ATP=3200 psi, ATR= 2.0 bpm. ISIP=1650 psi.

FRAC JOB

10/10/95	5056'-5062' 5072'-5074' 5137'-5151'	BJ Services: 6,006 gal 2% KCL wtr w/ 4800 # 20/40 sand. ATP=4900 psi. Perfs would not take fluid. Shut down frac and TIH w/ pkr and break down perfs.
10/11/95	5056'-5062' 5072'-5074' 5137'-5151'	BJ Services: Second attempt: 34,272 gals 2% KCL wtr w/ 52,300 # 20/40 sand & 86,520 # 16/30 sand. ATP=4000 psi, ATR=33.5 bpm , ISIP= 2800 psi, 5 min=2190 psi, 10 min=1670 psi, 15 min= 1360 psi, 30 min=1100 psi.
10/14/95	5006'-5012' 5022'-5024'	No frac done on this zone.
10/16/95	4528'-4536'	BJ Services: 11,298 gal 2% KCL wtr w/ 50,260# 16/30 sand. ATP= 3200 psi, ATR= 31 bpm, ISIP= 4500 psi, 5 min= 2920 psi, 10 min= 2540 psi, 15 min= 2160 psi.

PERFORATION RECORD

10/9/95	Schlumberger	5056'-5062'	8 holes	Shale
		5072'-5074'	2 holes	Shale
		5137'-5151'	4 holes	R-5
10/13/95	Schlumberger	5006'-5012'	4 SPF	R-2
		5022'-5024'	4 SPF	R-2
10/14/95	Schlumberger	4528'-4536'	4 SPF	Y-3

Attachment E-4

Balcron Monument Federal #32-25
Monument Butte (Humpback Unit)
Lease #U-67845
SW NE Section 25, T8S, R16E
1980' FNL, 1980' FEL
Uintah County, Utah

Elev.GR - 5059.59' GL
Elev.KB - 5069.59' KB (10' KB)

WELLBORE DIAGRAM

DATE : 7/22/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 273.89' (7 jts)
DEPTH LANDED: 267.89' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sks "G", 2% $CaCl_2$, 1/4#/sk Cello-Seal.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 6263.07'
DEPTH LANDED: 6259' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 150 sks super "G",47 #/sk gel 20#/sk POZ, 17#/sk CSF, 3% salt, 2% Gel, 2# sk HI-Seal, 1/4#sk Cello-Seal. Tailed w/371 sks 60/50 POZ 2% gel, 1/4#/sk Cello-Seal 2#/sk Hi-Seal.

CEMENT TOP AT: 2638' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 164 jts (5079.86')
TUBING ANCHOR: 2-7/8"x5-1/2"x2.75'
NO. OF JOINTS: 29 jts (899.04')
SEATING NIPPLE: 2-7/8"x1.10'
PERFORATED SUB: 2-7/8"x4.20'
MUD ANCHOR: 2-7/8"x31.65'
TOTAL STRING LENGTH: 6018.6'
SN LANDED AT: 5992.75' KB

SUCKER RODS

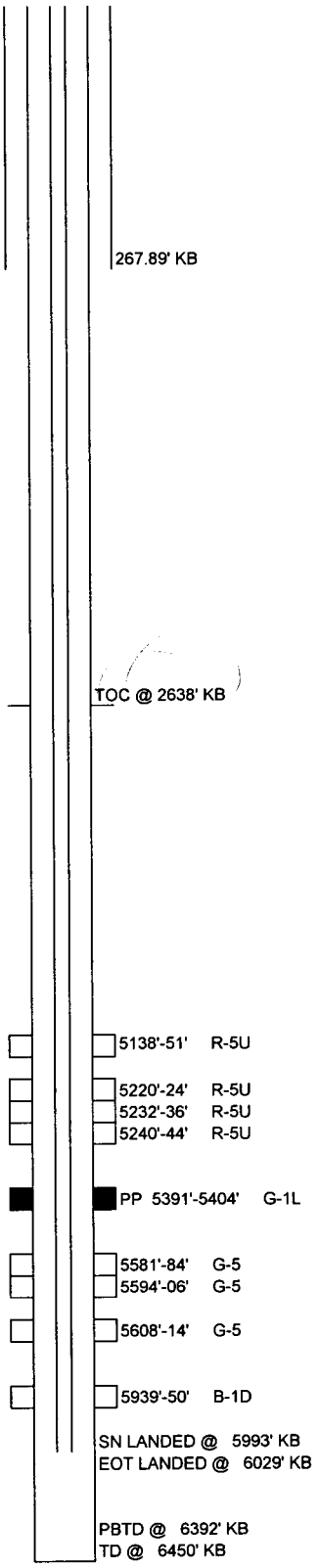
POLISHED ROD: 1-1/4"x22' SM
SUCKER RODS: 1-3/4"x2' Pony
1-3/4"x6' Pony
1-3/4"x8' Pony
237-3/4"x25' D-61 Plain

ROD STRING LENGTH: 5963'

PUMP NUMBER: Trico #1069
PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC

STROKE LENGTH: 64"
PUMP SPEED, SPM: 6.0 SPM
PUMPING UNIT SIZE: Lufkin 228D-TCI-TR
PRIME MOVER: Ajax E-30

LOGS: Compensated Neutron/ Litho Density
Multiple Isotope Spectroscopy
Repeat Formation Tester
CBL/GR
Dual Laterolog



ACID JOB /BREAKDOWN

12/12/94	5939'-5950'	Western: 500 gal15% HCL w/2142 gal 2% KCL wtr &88 balls. ATP=3000 psi, ATR= 5.0 bpm, ISIP=1100 psi.
12/15/94	5581'-5584' 5594'-5606' 5608'-5614'	Western: Unknown vol. 2 %KCL wtr w/175 ball sealers. Ball action but no ball out. ATP= 2800 psi, ATR=5.5 bpm, ISIP=2000 psi.
12/20/94	5138'-5151'	Western: 2940 gals 2% KCL wtr w/ 100 ball sealers. Ball action but no ball off. ATP=2400 psi, ATR=4.5 bpm, ISIP= 1300 psi.
12/20/94	5220'-5224' 5232'-5236' 5240'-5244'	Western: Unknown vol 2% KCL wtr w/ 100 ball sealers. Balled off. ATP=2500 psi, ATR=5.0 bpm, ISIP= 1100 psi.

FRAC JOB

12/13/94	5939'-5950'	Western: 52,486 gal 2% KCL 40,720# 20/40 sand & 34,040# 16/30 sand. ATP=1800 psi, ATR=31.5 bpm, ISIP=1900 psi, 5 min= 1540 psi, 10 min=1390 psi, 15 min=1310 psi, 30 min= 1220 psi.
12/16/94	5581'-5584' 5594'-5606' 5608'-5614'	Western: 41,538 gal 2% KCL wtr w/ 72,560# 20/40 sand, 62,000# 16/30 sand. ATP=2150 psi, ATR=30.6 bpm, ISIP=2050 psi, 5 min=1910, 10 min=1800 psi, 15 min= 1720 psi.
12/21/94	5138'-5151' 5220'-5224' 5232'-5236' 5240'-5244'	Western: 38,724 gal 2% KCL wtr w/ 79,640# 20/40 sand, 66,220# 16/30 sand. ATR= 37 bpm, ISIP= 1650 psi. Frac Grad.= 0.76

PERFORATION RECORD

12/12/94	Schlumberger	5939'-5950'	4 SPF	B-1D
12/15/94	Schlumberger	5581'-5584'	4 SPF	G-5
		5594'-5606'	4 SPF	G-5
		5608'-5614'	4 SPF	G-5
12/19/94	Schlumberger	5138'-5151'	4 SPF	R-5U
		5220'-5224'	4 SPF	R-5
		5232'-5236'	4 SPF	R-5
		5240'-5244'	4 SPF	R-5

PROPOSED PERFORATIONS :

5391' - 5404' G-1L 13 ft 4 SPF

Attachment E-5

Balcron Monument Federal #33-25
Monument Butte (Humpback Unit)
Lease #U-67845
NW SE Section 25, T8S, R17E
2097' FSL, 2067' FEL
Uintah County, Utah

Elev.GR - 4971.50' GL
Elev.KB - 4981.50' KB (10' KB)

WELLBORE DIAGRAM

DATE : 7/23/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 261.90' (7 jts)
DEPTH LANDED: 271.90'
HOLE SIZE: 12-1/4"
CEMENT DATA: Western: 160 sks class "G" 2% $CaCl_2$, 1/4#/sk Cello-Seal.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6132.05' (147 jts)
DEPTH LANDED: 6141.05' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: Western: 160 sks Super "G", 47#/sk "G", 20#/sk POZ A, 17 #/sk CSE, 3% salt, 2%gel, 2#/sk Hi-Seal,

CEMENT TOP AT: 2771' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8 rd EUE / J-55 / 6.5#
NO. OF JOINTS: 165 jts (5091.06')
TUBING ANCHOR: 2-7/8"x5-1/2"x2.35' Trico
NO. OF JOINTS: 30 jts (927.72')
SEATING NIPPLE: 2-7/8"x1.10'
PERFORATED SUB: 2-7/8"x4.20'
MUD ANCHOR: 2-7/8"x30.78'
STRING LENGTH: 6057.21'
SN LANDED AT: 6032.23' KB

SUCKER RODS

WELL LAST PULLED:

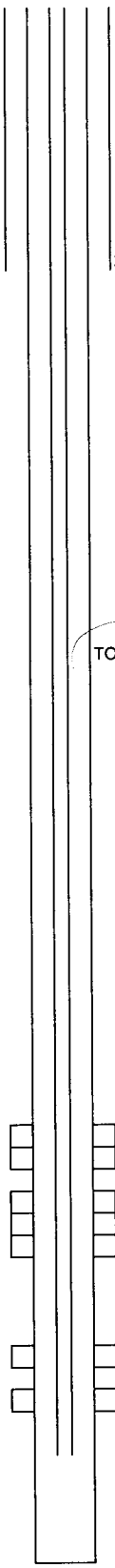
POLISHED ROD: 1-1/4"x22' SM
SUCKER RODS: 1-3/4"x6' Pony
240-3/4"x25' D-61 Plain

TOTAL STRING LENGTH: 6028'

PUMP NUMBER: Trico #1089
PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC

STROKE LENGTH: 73 inches
PUMP SPEED, SPM: 4.0 SPM
PUMPING UNIT: Lufkin C-228D-27-74
PRIME MOVER: Ajax E-42

LOGS: Dual Laterolog
CBL/GR
Spectral Density Dual Spaced Neutron log.



ACID JOB /BREAKDOWN

1/24/95	5889'-5925'	Western: 3612 gals 2% KCL wtr w/ 150 ball sealers. Ball action but no ball off. ATP=3500 psi, ATR= 5.0 bpm, ISIP=1000 psi.
1/24/95	6021'-6026'	Western: 1764 gal 2% KCL wtr w/ 25 ball sealers. Ball off. ATP= 3200 psi, ATR=5.30 bpm, ISIP= 1400 psi.
1/30/95	5163'-5166' 5170'-5180'	Western: 2058 gal 2% KCL wtr w/ 10 ball sealers. Ball action but no ball off. ATP=2200 psi, ATR= 4.2bpm.
1/30/95	5299'-5304' 5312'-5320' 5326'-5324'	Western: 2226 gal 2% KCL wtr w/ 20 balll sealers. Ball action but no ball off. ATP= 2400 psi, ATR=5.2 bpm, ISIP=650 psi.

FRAC JOB

1/25/95	5889'-5925' 6021'-6026'	Western: 47,376 gal 2% KCL wtr w/ 93,640# 20/40 sand & 75,800# 16/30 sand & 75,800# 16/30 sand. ATP=1700 psi, ATR=38.0 bpm,ISIP= 1750 psi, 5 min=1550 psi, 10 min=1440 psi, 15 min= 1360 psi, 30 min=1220 psi.
1/31/95	5163'-5166' 5170'-5180' 5299'-5304' 5312'-5320' 5326'-5334'	Western: 54,550 gal 2% KCL wtr w/ 95,000# 20/40 sand & 78,000# 16/30 sand. ATP=2000 psi, ATR=34.0 bpm, ISIP=1480 psi, 5 min= 1320 psi, 10 min=1220 psi, 15 min=1170 psi, 30 min= 1110 psi.

PERFORATION RECORD

1/24/95	Schlumberger	5889'-5925'	2 SPF	B-2
		6021'-6026'	2 SPF	B-3C
1/30/95	Schlumberger	5163'-5166'	1 hole	R-5
		5170'-5180'	4 holes	R-5
		5299'-5304'	2 holes	G-1L
		5312'-5320'	6 holes	G-1L
		5326'-5334'	2 holes	G-1L

Attachment E-6

Balcron Monument Federal #34-25
Monument Butte (Humpback Unit)
Lease #U-67845
SW SE Section 25, T8S, R17E
800' FSL, 2100' FEL
Uintah County, Utah

Elev.GR - 5007.60' GL
Elev.KB - 5017.60' KB (10' KB)

WELLBORE DIAGRAM

DATE : 7/23/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 288.77'
DEPTH LANDED: 298.77' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: BJ Services: 190 sks "G", 2% $CACL_2$, 1/4#/sk Cello-Seal

288.77' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6098.14'
DEPTH LANDED: 6108.14' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: BJ Services: 220 sks Super "G", 47#/sk G, 20#/sk POZ A, 17#/sk CSE, 3% salt, 2% gel, 2#/sk Hi-Seal, Tail w/395 sks 50/50 POZ, 2% gel, 1/4#/sk Cello-Seal, 2#/sk Hi-Seal2.

CEMENT TOP AT: 1730' KB

TOC @ 1730' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" 8rd EUE/ J-55/ 6.5#
NO. OF JOINTS: 166 Jts (5197.44')
TUBING ANCHOR: 2-7/8"x5-1/2"x2.35' Trico
NO. OF JOINTS: 3 Jts (95.19')
SEATING NIPPLE: 2-7/8"x1.10'
PERFORATED SUB: 2-7/8"x4.20'
MUD ANCHOR: 2-7/8"x28.42'
STRING LENGTH: 5328.70'
SN LANDED AT: 5304.98' KB

SUCKER RODS

POLISHED ROD: 1-1/4"x22' SM
SUCKER RODS: 2-3/4"x4' Pony
212-3/4"x25' D-61 Plain

TOTAL STRING LENGTH: 5330'

PUMP NUMBER: Trico #1124
PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC

STROKE LENGTH: 86 inches
PUMP SPEED, SPM: 3 SPM
PUMPING UNIT: American C-228
PRIME MOVER: Ajax E-42

LOGS: Spectral Density Dual Spaced Neutron
Dual Laterolog
CBL/GR

ACID JOB /BREAKDOWN

10/19/95	5257' - 5268'	BJ Services: 4179 gal 2%
	5271' - 5283'	KCL wtr w/ 184 ball sealers.
		Ball action no ball off.
		ATP=1400 psi, ATR=
		6.2 bpm, ISIP=550 psi.

FRAC JOB

10/20/95	5257' - 5268'	BJ Services: 36,456 gal
	5271' - 5283'	2% KCL wtr w/59,120#
		20/40 sand, 87,240# 16/30
		sand. ATP= 1500 psi,
		ATR=37.5 bpm, ISIP=
		1550 psi, 5 min=1300 psi,
		10 min=1250 psi, 15 min=
		1200 psi, 30 min=1030 psi.

PERFORATION RECORD

10/19/95	Cutter	5257' - 5268'	4 SPF	G-1L
		5271' - 5283'	4 SPF	G-1L

5257 - 5268' G-1L
5271' - 5283' G-1L

SN LANDED @ 5305' KB
EOT LANDED @ 5338.70' KB

PBTD @ 6055' KB
TD @ 6175' KB

Attachment E-7

BALCRON MONUMENT FED. #12-25
SW NW Sec.25, T8S, R17E
1486' FNL, 875.7' FWL
Lease #U-67845
Undesignated (Humpback Unit)
Uintah County, Utah

Elev.GR - 5059' GL
Elev.KB - 5071' KB (12' KB)

WELLBORE DIAGRAM

DATE : 10/29/96 DZ

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (273.90 ft)
DEPTH LANDED: 270' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 200 sxs class "G" w/ 2% CaCl + 1/4 #/sk CelloSeal

270' KB

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 145 jts (6270.32 ft)
DEPTH LANDED: 6248.32' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 170 sxs super "G" w/ (47# class "G" + 20# Poz A + 17# CSE + 2# HiSeal3 + 1/4 # CelloSeal)/sk + 2% gel + 3% salt, Tailed by 495 sxs 50/50 POZ + 2% gel + 1/4 #/sk CelloSeal + 2#/sk HiSeal2.

CEMENT TOP AT: 2560' KB per CBL

TOC @ 2560' KB

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 169 jts (5193.68 ft)
TUBING ANCHOR: 2-7/8" x 5-1/2" (2.75 ft) w/ 18" tension
NO. OF JOINTS: 4 jts (125.42 ft)
SEATING NIPPLE: 2-7/8" x 1' (1.10 ft)
PERFORATED SUB: 2-7/8" x 3' (3.02 ft)
MUD ANCHOR: 2-7/8" x 31' (31.38 ft)
TOTAL STRING LENGTH: 5357.35 ft (EOT @ 5369' KB)
SN LANDED AT: 5335' KB

SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM
SUCKER RODS: one - 3/4" x 2' Pony
two - 3/4" x 6' Pony
211 - 3/4" x 25' Plain D-61

TOTAL STRING LENGTH: 5305.5 ft

PUMP NUMBER: Trico #1088
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RWAC w/ PA plunger

STROKE LENGTH: 86 in.
PUMP SPEED, SPM: 5.75 SPM
PUMPING UNIT SIZE: Lufkin LM-228D-213-86T
PRIME MOVER: Ajax E-42

LOGS: Compensated Neutron-Litho-Density, Dual Laterolog, Cement Bond - Gamma Ray

5246' - 5260' R5
5262' - 5266' R5
5270' - 5272' R5
5293' - 5306' R5

SN LANDED @ 5335' KB
EOT LANDED @ 5369' KB

PBTD @ 6202' KB
TD @ 6250' KB

ACID JOB /BREAKDOWN

5246' - 5306'	12/6/94	Western : 168 gal 2% KCl water pad, followed by 1302 gal 2% KCl water w/ 125 ball sealers. No ball out. ATP-2200 psi, Max-4540 psi, ATR-5.4 bpm, Max-5.4 bpm. ISIP-700 psi,

FRAC JOB

5246' - 5306'	12/6/94	Western : 6090 gal 2% KCl water pad followed by 22,470 gal 2% KCl gel w/ 60,366# 20/40 + 55,106# 16/30 sand. Flush w/ 5208 gal 2% KCl water. ATP-1800 psi, Max-2080 psi, ATR-30 bpm, Max-30.8 bpm. Flush-30 bpm. ISIP-1600 psi, 5 min-1440 psi, 10 min-1270 psi, 15 min-1120 psi, 30 min-960 psi.

PERFORATION RECORD

5246' - 5260'	12/5/94	2 SPF	14 ft	28 holes	R5
5262' - 5266'	12/5/94	2 SPF	4 ft	8 holes	R5
5270' - 5272'	12/5/94	2 SPF	2 ft	4 holes	R5
5293' - 5306'	12/5/94	2 SPF	13 ft	26 holes	R5

Attachment E-8

BALCRON MONUMENT FEDERAL #13-25
NW SW Sec.25, T8S, R17E
2253.6' FSL, 483.9' FWL
Lease #U-67845
Monument Butte Field (Humpback Unit)
Uintah County, Utah

Elev.GR - 4981' GL
Elev.KB - 4991' KB (10' KB)

P & A
WELLBORE DIAGRAM

DATE : 4/2/96 vk

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts (252.0 ft)
DEPTH LANDED: 262' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs class "G" w/ 2% CaCl + 1/4 #/sk CelloSeal. Did not circulate to surface, ran 80' of 1" pipe & pump 153 sxs in two stages. Cement to surf.

PRODUCTION CASING

CSG SIZE: NONE
GRADE:
WEIGHT:
LENGTH:
DEPTH LANDED:
HOLE SIZE:
CEMENT DATA:

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: NONE
NO. OF JOINTS:
TUBING ANCHOR:
NO. OF JOINTS:
SEATING NIPPLE:
PERFORATED SUB:
MUD ANCHOR:
STRING LENGTH:
SN LANDED AT:

SUCKER RODS

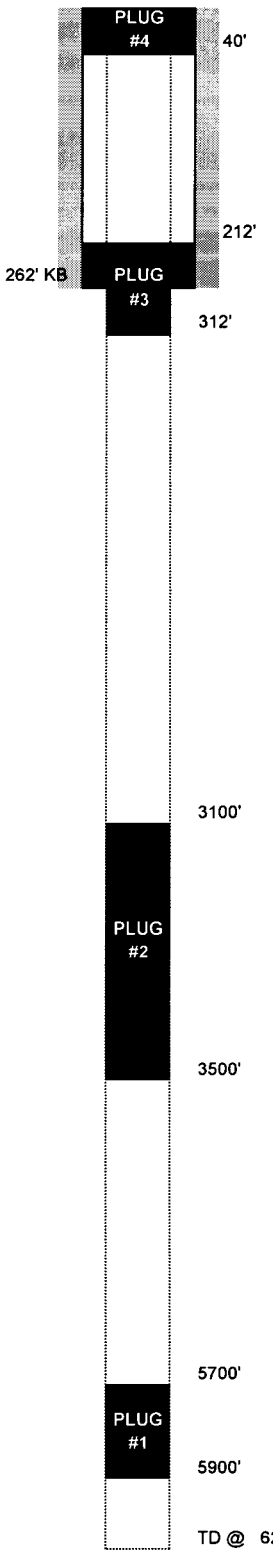
POLISHED ROD:
SUCKER RODS: NONE

TAL ROD STRING LENGTH:

PUMP NUMBER:
PUMP SIZE:

STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE:
PRIME MOVER:

LOGS: Litho-Density Compensated Neutron Gamma Ray, Dual Laterolog w/ Linear Correlation Gamma Ray



ACID JOB /BREAKDOWN

NONE

FRAC JOB

NONE

PERFORATION RECORD

NONE

P & A PROCEDURE

PLUG #1	5900' - 5700'	105 sxs class "G", tag @ 5635'
PLUG #2	3500' - 3100'	156 sxs class "G"
PLUG #3	312' - 212'	Bottom of surface pipe 48 sxs class "G", plug went down hole. 50 sxs class "G", went down, 40 sxs class "G", OK
PLUG #4	40' - surface	10 sxs class "G"

all cement plugs had 2% CCL + LCM

Attachment E-9

Odekirk Spring #3-36

Spud Date: 1/30/98
Put on Production: WOC
GL: ?' KB: ?'

Waiting on Completion

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 7 jts.(293')
DEPTH LANDED: 303' GL
HOLE SIZE:12-1/4"
CEMENT DATA: 140 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

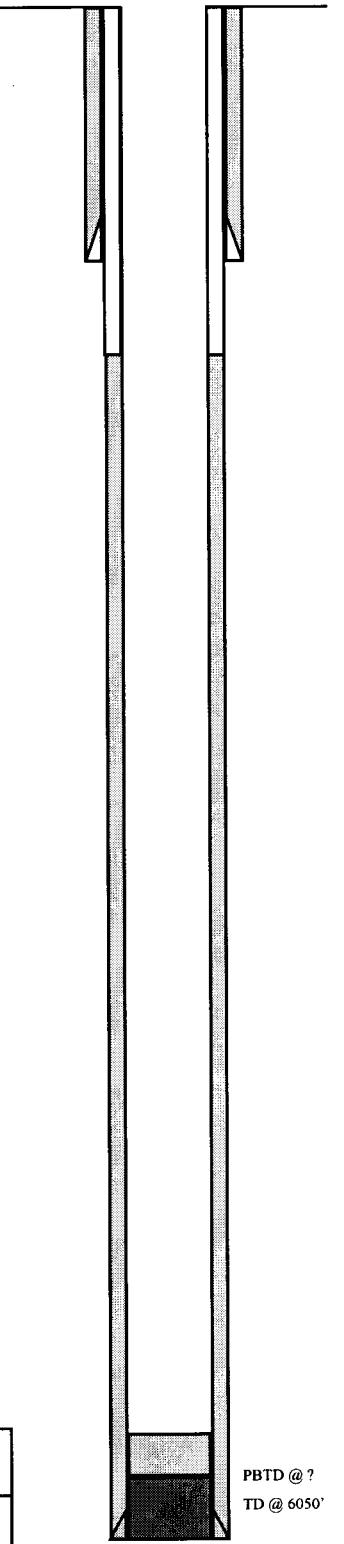
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (6001')
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Hibond mixed & 350 sxs thixotropic
CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.:
NO. OF JOINTS:
TUBING ANCHOR:
SEATING NIPPLE:
TOTAL STRING LENGTH:
SN LANDED AT:

SUCKER RODS

POLISHED ROD:
SUCKER RODS:
TOTAL ROD STRING LENGTH:
PUMP NUMBER:
PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
LOGS: DIGL/SP/GR/CAL (6018'-304')
DSN/SDL/GR (5990'-3000')



FRAC JOB

PERFORATION RECORD

Inland Resources Inc.

Odekirk Spring #3-36

660 FNL 1980 FWL

NENW Section 36-T8S-R17E

Uintah Co, Utah

API #43-047-33015; Lease #ML-44305

Attachment F

UNICHEM
A Division of BJ Services

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Office (801) 722-5066
Fax (801) 722-5727

WATER ANALYSIS REPORT

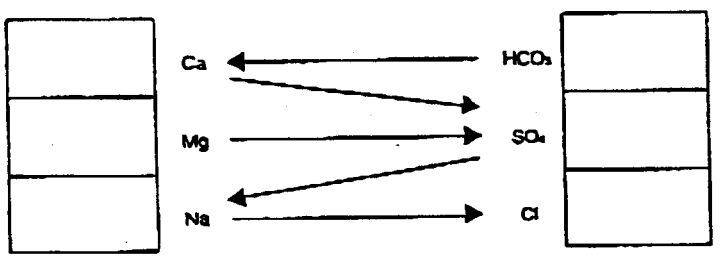
Company INLAND Address _____ Date 01-14-98

Source Johnson Water FRESH WATER Date Sampled _____ Analysis No. _____

	Analysis		mg/l(ppm)		*Meg/l	
1. PH	7.0					
2. H_2S (Qualitative)	0.5					
3. Specific Gravity	1.001					
4. Dissolved Solids			593			
5. Alkalinity ($CaCO_3$)		CO_3	0	÷ 30	0	CO_3
6. Bicarbonate (HCO_3)		HCO_3	300	÷ 61	5	HCO_3
7. Hydroxyl (OH)		OH	0	÷ 17	0	OH
8. Chlorides (Cl)		Cl	35	÷ 35.5	1	Cl
9. Sulfates (SO_4)		SO_4	110	÷ 48	2	SO_4
10. Calcium (Ca)		Ca	44	÷ 20	2	Ca
11. Magnesium (Mg)		MG	22	÷ 12.2	2	Mg
12. Total Hardness ($CaCO_3$)			200			
13. Total Iron (Fe)			2.2			
14. Manganese						
15. Phosphate Residuals						

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X Meq/l	= Mg/l
$Ca(HCO_3)_2$	81.04	2	162
$CaSO_4$	68.07		
$CaCl_2$	55.50		
$Mg(HCO_3)_2$	73.17	2	146
$MgSO_4$	60.19		
$MgCl_2$	47.62		
$NaHCO_3$	84.00	1	84
Na_2SO_4	71.03	2	142
NaCl	58.46	1	59

Saturation Values	Distilled Water 20°C
$CaCO_3$	13 Mg/l
$CaSO_4 \cdot 2H_2O$	2,090 Mg/l
$MgCO_3$	103 Mg/l

REMARKS _____

Water Analysis, Scaling Tendency, and Compatibility Evaluation

Company : INLAND
Field / Lease : Monument Butte
Service Engineer : John Pope

A = Johnson Water
B = Pariette Federal 9-23

Chemical Component	100 % A	90% A:10%B	80%A:20% B	70%A:30% B	60%A:40% B	50%A:50% B	40%A:60% B	30%A:70% B	20%A:80% B	10%A:90% B	100% B
Chloride (Cl) mg/l	2,800	2,780	2,760	2,740	2,720	2,700	2,680	2,660	2,640	2,620	2,600
Sulfate (SO4) mg/l	455	420	386	351	316	282	247	212	177	143	108
Carbonate (CO3) mg/l	0	12	24	36	48	60	72	84	96	108	120
Bicarbonate (HCO3) mg	268	314	361	407	454	500	546	593	639	686	732
Calcium (Ca) mg/l	232	237	242	246	251	256	261	266	270	275	280
Magnesium (Mg) mg/l	131	128	124	121	117	114	111	107	104	100	97
Iron (Fe) mg/l	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6.0
Barium (Ba) mg/l	0	0	0	0	0	0	0	0	0	0	0
Strontium (Sr) mg/l	0	0	0	0	0	0	0	0	0	0	0
Sodium (Na) mg/l	1,621	1,619	1,617	1,615	1,613	1,611	1,609	1,607	1,605	1,603	1,601
Ionic Strength	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Dissolved Solids (TDS)	5,510	5,513	5,516	5,520	5,523	5,527	5,530	5,534	5,537	5,540	5,544
Specific Gravity @ 60F	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005
Temperature (F)	100	100	100	100	100	100	100	100	100	100	100
Is (TOMSON-ODDO)	0.06	0.31	0.54	0.76	0.98	1.19	1.39	1.59	1.78	1.98	2.17
Pressure (psia)	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
Field pH	6.93	7.08	7.23	7.38	7.53	7.69	7.84	7.99	8.14	8.29	8.44
% CO2 (Mole %)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

Scaling Tendency (Pounds per Thousand BBLS of Scale Which Should Form)

CaCO3 (Tomson-Oddo)	8.9	58.1	97.7	133.8	163.7	187.2	204.8	217.7	227.3	234.9	241.1
BaSO4 (Tomson)	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
CaSO4 (Tomson)	-1121.8	-1126.3	-1130.9	-1135.5	-1140.2	-1145.0	-1149.8	-1154.7	-1159.6	-1164.6	-1169.6
SrSO4 (Tomson)	-28.8	-30.7	-32.8	-35.1	-37.7	-40.7	-44.1	-47.9	-52.2	-57.1	-62.7

Attachment G

Balcron Monument Federal #23-25
Proposed Maximum Injection Pressure

Frac Interval (feet) Top	Bottom	Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax	
5824	5898	5861	1750	0.70	1542	
5300	5394	5347	1500	0.71	1457	←
5160	5216	5188	1650	0.75	1625	
				Minimum	1457	

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433*1.005)) x Depth of Top Perf
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.005.

Frac Gradient is obtained from the service company's frac summary report.

Attachment G-1

TREATMENT REPORT

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

DATE OF TREATMENT: 2-8-95

Well Name MONUMENT FED. 23-25 Sec. 25 TWN. 8S RNG. 17E
Field MONUMENT BUTTE County UINTAH State UT.
Formation: GREEN RIVER
Perforations: 5824-27, 5830-34, 5850-55, 5886-98

Treatment Type: SAND FRAC Total Number of Holes: 96
Treatment Company: WESTERN

SAND CHARACTERISTICS

VOLUME SLURRY BBLS	VOLUME CLEAN GAL	FLUID	CONC. # / GAL	CONC. BPM	CONC. PSI	SIZE	SAND VOLUME CALC.	SAND VOLUME ACTUAL
167	7000	2% KCL WATER PAD	0	30.8	1800	1	#	#
17	700	"	1	31.0	1800	20/40	700 #	#
42	1800	"	2	30.9	1830	20/40	3200 #	#
81	3000	"	3	31.1	1700	20/40	9000 #	#
129	4600	"	4	31.2	1640	20/40	16400 #	#
161	5500	"	5	31.5	1520	20/40	27500 #	25300 #
273	9000	"	6	31.8	1590	16/30	#	#
144	4600	"	7	31.6	1510	16/30	#	#
138	5796	" FLUSH	0	33.2	2050	1	#	#
						1	#	#

TOTAL FLUID PUMPED: ____ gal ____ % ____ Acid
40908 gal. 2% KCL WATER Fluid
TOTAL SAND VOLUME: 60480 lbs. 20/40 sand
90640 lbs. 16/30 sand
____ lbs. 1 sand
Flushed well with 5796 gal. of 2% KCL WATER
____ ball sealers were pumped. Was ball action seen? ____
Barrels of Load to Recover 974 - 15 = 959 BLTR
Avg. Treating Pressure = 1700 psi, max = 2050 psi, min. = 1510 psi.
Avg. Treating Rate = 31.5 bpm, max = 33.2 bpm, min. = 30.8 bpm.
ISIP = 1750 psi, 5 min. = 1580 psi, 10 min. = 1490 psi, 15 min. = 1420 psi.
Well will be shut in for 18 hours before bringing back fluid. 30 MIN = 1360 PSI

REMARKS: 1.5 BBL. TO LOAD HOLE.
FORCED CLOSURE FLOWBACK .5 BPM, 30 MIN. = 15 BBLS
FRAC GRADIENT .74 Wellsite Supervisor: Dale Griffin

1/30/95 vk

Attachment G-2

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

TREATMENT REPOR

DATE OF TREATMENT: 2-20-95

Well Name Monument Fed. 23-25 Sec. 25 TWN. 8S RNG. 17E
Field Monument Butte County Uintah State Ut.
Formation: Green River
Perforations: 5300-08, 5327-38, 5378-94

Treatment Type: SAND FRAC Total Number of Holes: 140
Treatment Company: WESTERN SAND CHARACTERISTI

VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
SLURRY BBLS	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUA
72	3024	2% KCL WATER (MINI FRAC) PRE PAD	0	30.0	1440	—	#	
126	5308	" " (FLUSH) PRE PAD	0	30.0	1680	—	#	
286 (293)	12000	" " (PAD)	0	31.0	1820	—	#	
26 (307)	1000	" "	2	31.6	1720	20/40	2000#	
56 (355)	2000	" "	4	32.0	1420	20/4	8000#	
117 (491)	4000	" "	5	32.0	1170	20/40	20000#	
151 (573)	5000	" "	6	31.9	950	20/40	30000#	
182 (715)	6000	" "	6	35.2	1010	16/30	36000#	
235 (901)	7500	" "	7	35.0	1050	16/30	52500#	
126 (1027)	5308	" " (FLUSH)	0	35.6	2020	/	#	

TOTAL FLUID PUMPED: ____ gal. ____ % A
47,208 gal. 2% KCL WATER Fl
TOTAL SAND VOLUME: 60,000 lbs. 20/40 sc
92,000 lbs. 16/30 sc
____ lbs. / sc
Flushed well with 5302 gal. of 2% KCL WATER
____ ball sealers were pumped. Was ball action seen? ____
Barrels of Load to Recover 1124 - 15 = 1109 Bl
Avg. Treating Pressure = 1200 psi, max = 2020 psi, min. = 950
Avg. Treating Rate = 33.0 bpm, max = 35.6 bpm, min. = 31.0 bp
ISIP = 1500 psi, 5 min. = 1360 psi, 10 min. = 1250 psi, 15 min. = 1160
Well will be shut in for 21 hours before bringing back fluid. 30 MIN. = 985
REMARKS: BBL. TO LOAD HOLE 43, FRAC GRADIENT .64 AFTER MINI FRAC.
FORCED CLOSURE FLOW BACK, 15 BPM 30 MIN. = 15 BBL.
FRAC GRADIENT .72 Wellsite Supervisor: Dale Griffin

180A5 VK

Attachment G-3

TREATMENT REPORT

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

DATE OF TREATMENT : 2-27-95

Well Name Monument federal 23-25 Sec. 25 TWN. 8 S RNG. 17 E

Field Monument Butte County Uintah State Utah

Formation : Green River

Perforations : 5160-76, 5204-07, 5214-16

Treatment Type : Sand Frac Total Number of Holes: 84

Treatment Company : Western

SAND CHARACTERISTICS

VOLUME SLURRY BBLS	VOLUME CLEAN GAL	FLUID	CONC. # / GAL	CONC. BPM	CONC. PSI	SIZE	SAND VOLUME CALC.	SAND VOLUME ACTUAL
155	6500	2% KCL WATER (PAD)	0	30.2	2230	—	#	#
48	1950	"	2	30.4	2140	20/40	3700 #	#
169	6000	"	4	31.0	1940	20/40	24000 #	27640 #
161	5500	"	5	31.3	1890	20/40	27500 #	31500 #
42	1400	"	6	31.3	1870	20/40	8400 #	4160 #
185	6100	"	6	30.9	1940	16/30	36600 #	3 #
114	3800	"	7	31.4	1690	16/30	26600 #	32100 #
121	5082	" (FLUSH)	0	31.9	2110	—	#	#
						/	#	#
						/	#	#

TOTAL FLUID PUMPED: ---------- gal. ---------- % ---------- Acid

37548 gal. 2% KCL Water Fluid

TOTAL SAND VOLUME: 67,000 lbs. 20/40 sand

68,700 lbs. 16/30 sand

lbs. / sand

Flushed well with 5082 gal. of 2% KCL Water

---------- ball sealers were pumped. Was ball action seen? ----------

Barrels of Load to Recover 894 − 15 = 879 BLTR

Avg. Treating Pressure = 1950 psi, max = 2230 psi, min. = 1640 psi.

Avg. Treating Rate = 31.0 bpm, max = 32.1 bpm, min. = 30.2 bpm.

ISIP = 1650 psi, 5 min. = 1350 psi, 10 min. = 1260 psi, 15 min. = 1200 psi.

Well will be shut in for 19 hours before bringing back fluid. 30 Min. = 1070 PSI.

REMARKS: 1 BBL. TO LOAD HOLE

FORCED CLOSURE FLOW BACK .5 BPM 30 MIN. = 15 BBL.

FRAC GRADIENT .76 Wellsite Supervisior: Dale Griffin

100896 vk

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.	Plug #1	Set 224' plug from 5724'-5948' with 30 sxs Class "G" cement.
2.	Plug #2	Set 384' plug from 5060'-5444' with 60 sxs Class "G" cement.
3.	Plug #3	Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
4.	Plug #4	Set 100' plug from 221'-321' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
5.	Plug #5	Set 50' plug from surface with 10 sxs Class "G" cement.
6.		Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 271' to surface.

The approximate cost to plug and abandon this well is $18,000.

Attachment H-1

Balcron Monument Federal # 23-25
Monument Butte (Humpback Unit)
Lease #U-67845
NE SW Section 25, T8S, R17E
1927' FSL, 2139' FWL
Uintah County, Utah

Elev.GR - 4992' GL
Elev. KB - 5002' KB (10' KB)

PROPOSED P&A
WELLBORE DIAGRAM

DATE : 10/25/96 vk

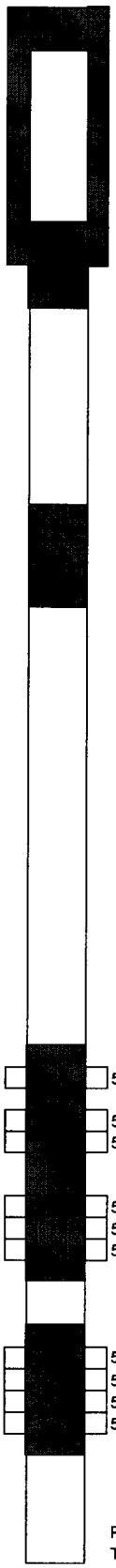
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 260.50' (6 jt's)
DEPTH LANDED: 270.50' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: By Western W/ 160 sxs class "G", 2% CaCL2, 1/4#/sk cello-seal.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 6173.26' (146 jts)
DEPTH LANDED: 6182.26' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 50 sxs super "G", 47#/sk POZ, 17#/sk CSE, 3% salt 2% gel, 5#/sk HISEAL, 2-1/4#/sk CELLOSEAL Tailed w/ 125 sxs super "G", 47#/sk G +20#/sk POZ 17#/sk CSE, 3% salt, 2% GEL 2#/sk HISEAL, 2-1/4#/sk CELLOSEAL 450 sxs 50/50 POZ + 2% GEL, 2#/sk HISEAL

CEMENT TOP AT: 2230' KB



10 sx Class ""G" cmt, 50' to surface

10 sx Class "G" cement down the 8-5/8"x5-1/2" annulus to cement 271' to surface

15 sx Class "G" cmt, 221'-321'

30 sx Class "G" cmt, 2000'-2200'

60 sx Class "G" cmt, 5060'-5444'

5160'-76' R-5
5204'-07' R-5
5214'-16' R-5
5300'-08' G-1
5327'-38' G-1
5378'-94' G-1

30 sx Class "G" cmt, 5724'-5948'

5824'-27' B-1C
5830'-34' B-1C
5850'-55' B-1D
5886'-98' B-2

PBTD @ 6137' KB
TD @ 6200' KB

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

---ooOoo---

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE PARIETTE FEDERAL 14-24, 23-24, 34-24, 12-24, 9-23 AND THE BALCRON MONUMENT FEDERAL 32-25, 21-25, 12-25, 23-25 AND 24-25 WELLS LOCATED IN SECTIONS 23, 24 AND 25, TOWNSHIP 8 SOUTH, RANGE 17 EAST, S.L.M., UINTAH COUNTY, UTAH, AS CLASS II INJECTION WELLS	:	NOTICE OF AGENCY ACTION CAUSE NO. UIC-212 UIC-212.9

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Pariette Federal 14-24, 23-24, 34-24, 12-24, 9-23 and the Balcron Monument Federal 32-25, 21-25, 12-25, 23-25 and 24-25 wells, located in Sections 23, 24 and 25, Township 8 South, Range 17 East, S.L.M., Uintah County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 6th day of May 1998.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

John R. Baza
Associate Director

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

---ooOoo---

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE PARIETTE FEDERAL 14-24, 23-24, 34-24, 12-24, 9-23 AND THE BALCRON MONUMENT FEDERAL 32-25, 21-25, 12-25, 23-25 AND 24-25 WELLS LOCATED IN SECTIONS 23, 24 AND 25, TOWNSHIP 8 SOUTH, RANGE 17 EAST, S.L.M., UINTAH COUNTY, UTAH, AS CLASS II INJECTION WELLS	:	NOTICE OF AGENCY ACTION CAUSE NO. UIC-212

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Pariette Federal 14-24, 23-24, 34-24, 12-24, 9-23 and the Balcron Monument Federal 32-25, 21-25, 12-25, 23-25 and 24-25 wells, located in Sections 23, 24 and 25, Township 8 South, Range 17 East, S.L.M., Uintah County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

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Dated this 6th day of May 1998.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

John R. Baza
Associate Director

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

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

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

May 6, 1998

Newspaper Agency Corporation
Legal Advertising
PO Box 45838
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-212

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Larraine Platt

Larraine Platt
Secretary

Enclosure

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

May 6, 1998

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066-9998

Re: Notice of Agency Action - Cause No. UIC-212

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Larraine Platt

Larraine Platt
Secretary

Enclosure

Inland Production Company
Pariette Federal 14-24, 23-24, 34-24, 12-24, 9-23
and the Balcron Monument Federal 32-25, 21-25, 12-25, 23-25 and 24-25 Wells
Cause No. UIC-212

Publication Notices were sent to the following:

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066

Newspaper Agency Corporation
Legal Advertising
P.O. Box 45838
Salt Lake City, Utah 84145

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

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

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466

Larraine Platt
Secretary
May 6, 1998

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

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

June 30, 1998

Inland Production Company
475 Seventeenth Street, Suite 1500
Denver, Colorado 80202

Re: Humpback Unit Wells: Pariette Draw #9-23, Section 23, Township 8 South, Range 17 East; Pariette Federal #12-24, #14-24, #23-24 and #34-24, Section 24, Township 8 South, Range 17 East; Balcron Monument Federal #12-25, #21-25, #23-25 and #32-25, Section 25, Township 8 South, Range 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.

2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.

3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,

John R. Baza
Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Roosevelt

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

PERMIT
STATEMENT OF BASIS

Applicant: Inland Production Company **Well:** Balcron Monument Federal #23-25

Location: 25/8S/17E **API:** 43-047-32529

Ownership Issues: The proposed well is located on Federal land. The well is located in the Humpback Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah (SITLA). The Federal Government and SITLA are the mineral owners within the area of review. Inland and other various individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland will be the operator of the Humpback Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 270 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6182 feet and has a cement top at 2230 feet. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 5119 feet. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells and 1 P&A well in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 100 feet. Injection shall be limited to the interval between 5160 feet and 5898 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the #23-25 well is .71 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1457 psig. The requested maximum pressure is 1457 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Humpback Unit on January 1, 1997. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that Administrative approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill Date: 6/30/98

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
[X] 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)
1926 FSL 2138 FWL NE/SW Section 25, T08S R17E

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.
MONUMENT FEDERAL 23-25

9. API Well No.
43-047-32529

10. Field and Pool, or Exploratory Area
PARIETTE DRAW

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	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Site Security**	[ ] Dispose Water

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

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

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

RECEIVED
NOV 02 1998
DIV. OF OIL, GAS & MINING

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

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 fradulent statements or representations as to any matter within its jurisdiction.

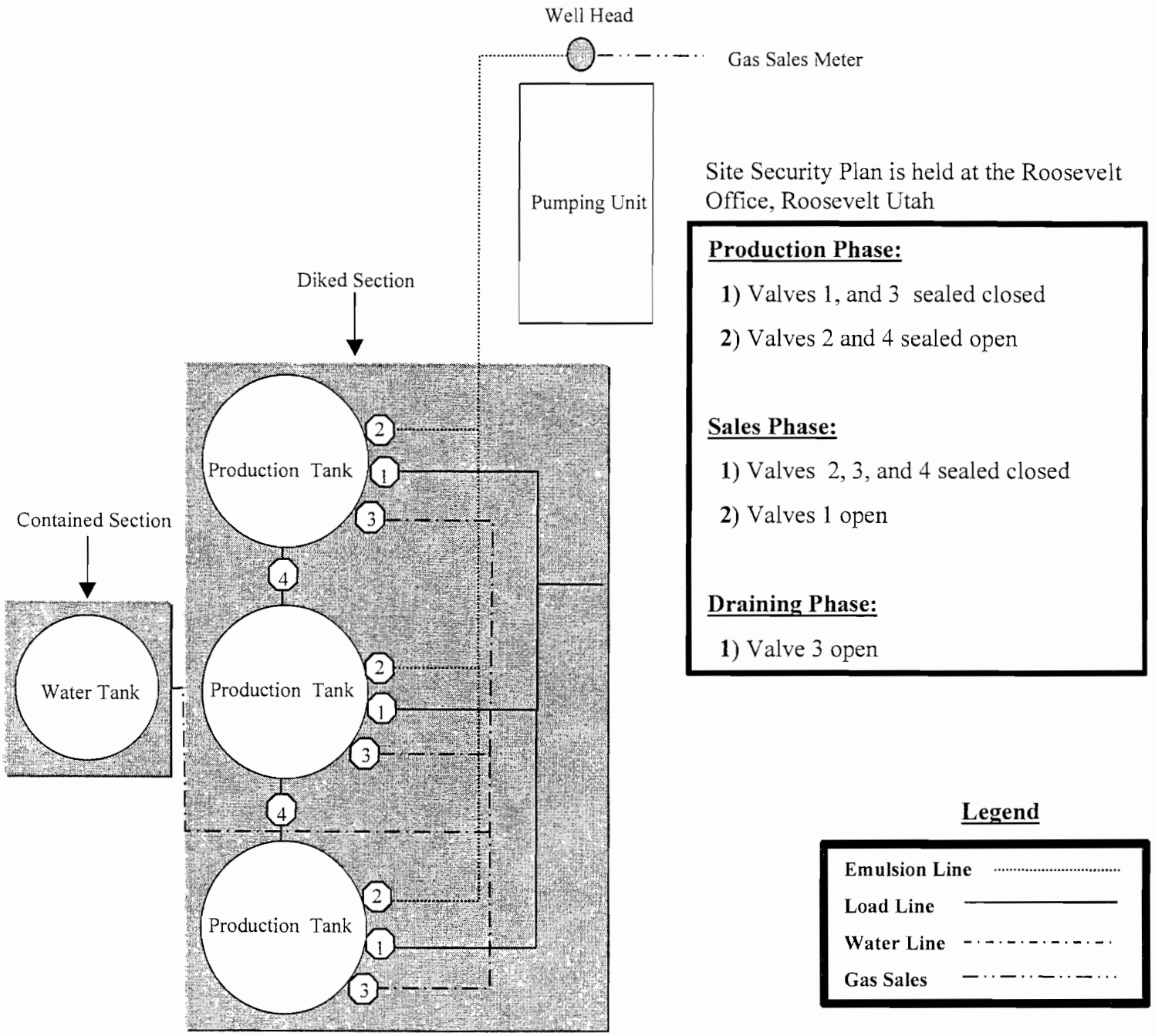
Inland Production Company
Site Facility Diagram

Monument Federal 23-25

NE/SW Sec. 25, T8S, 17E

Uintah County

Sept. 17, 1998



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

Production Phase:

1) Valves 1, and 3 sealed closed

2) Valves 2 and 4 sealed open

Sales Phase:

1) Valves 2, 3, and 4 sealed closed

2) Valves 1 open

Draining Phase:

1) Valve 3 open

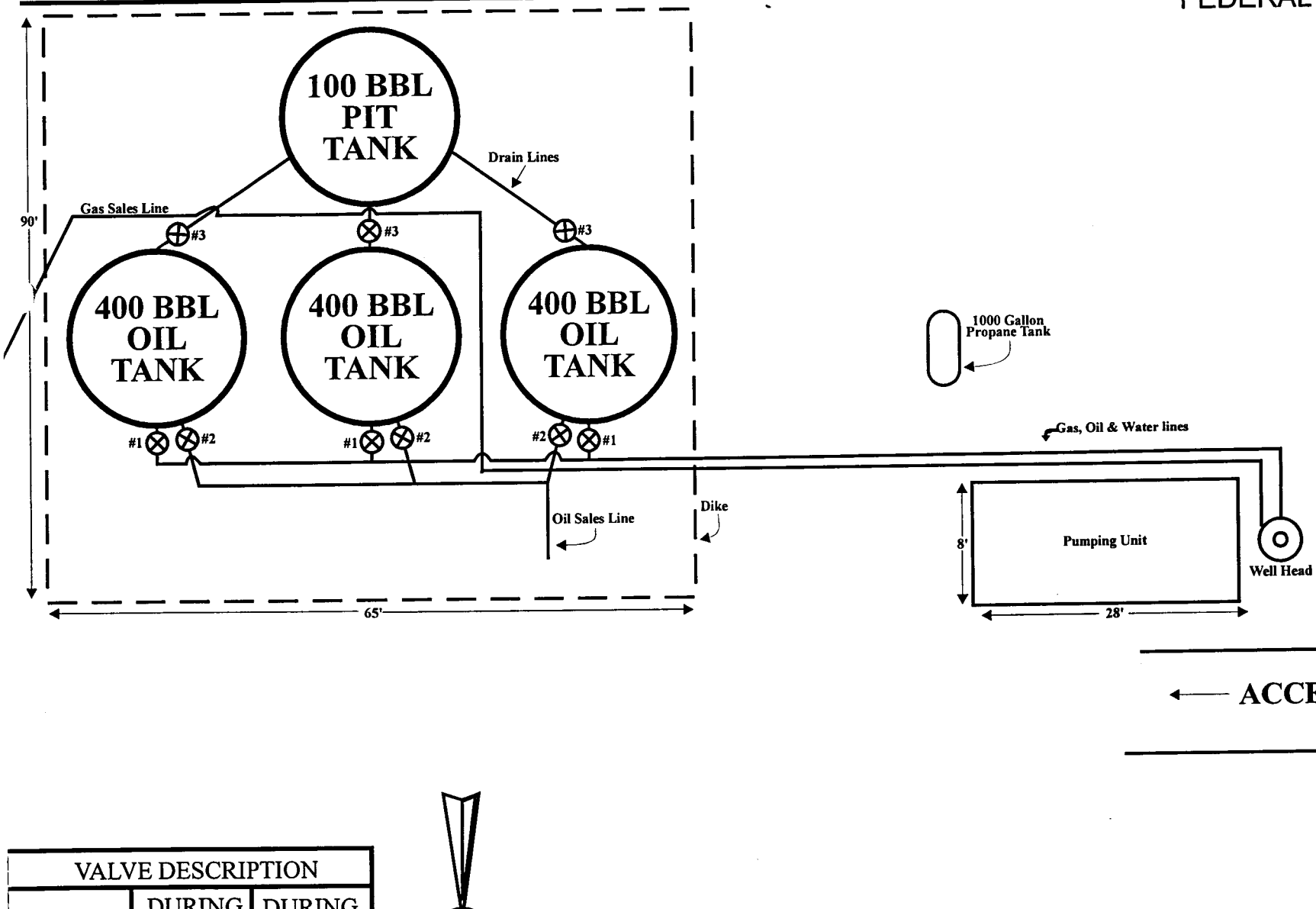
Legend

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

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON MONUMENT FEDERAL 23-25
PRODUCTION FACILITY DIAGRAM

43-047-32529

BALCRON MONUMENT FEDERAL 23-25
NE NW SEC. 25, T8S, R17E
UINTAH COUNTY, UTAH
FEDERAL LEASE #U-67845



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

N

PLAN LOCATED AT:
EQUITABLE RESOURCES ENERGY COMPANY
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860

May 1, 1997

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

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)

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
MONUMENT FED 23-25

9. API Well No.
43-047-32529

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

11. County or Parish, State
UINTAH COUNTY, UTAH

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1926 FSL 2138 FWL NE/SW Section 25, T8S R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[X] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other	[ ] 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 5/6/02. Existing production equipment was pulled from well. A bit & scraper was ran in well. Well was cleaned out to PBTD @ 6142'. 6 new intervals were perforated as follows: CP .5 sds @ 6126'-6132'; CP 3 sds @ 5954'-5968'; D3 sds @ 5100'-5108'; DS3 sds @ 4944'-4952'; PB7 sds @ 4586'-4598' and 4610'-4620' and GB6 sds @ 4543'-4554'. All @ 4 JSPF. A plug and packer was ran in well. All sets of perfs (new and existing) were isolated, broken down and injected into W/ KCL water. The top interval (GB6 @ 4543'-4554') was isolated and hydaulically fracture treated W/ 82,360# 20/40 mesh sand in 716 bbls Viking I-25 fluid. Fraced interval was swab tested for sand cleanup. Bridge plug was removed from wellbore. A revised BHA and production tbg string was ran in well and anchored W/ tubing anchor @ 5912', pump seating nipple @ 6010' and end of tubing string @ 6043'. A repaired rod pump and rod string was ran in well. Well returned to production via rod pump on 5/13/02.

RECEIVED
AUG 12 2002
DIVISION OF OIL, GAS AND MINING

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

14. I hereby certify that the foregoing is true and correct
Signed Gary Dietz Title Completion Foreman Date 8/8/2002

CC: UTAH DOGM

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

CC: Utah DOGM

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 fradulent statements or representations as to any matter within its jurisdiction.

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

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.

5. LEASE DESIGNATION AND SERIAL NUMBER:	UTU76189X HMPBCK
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	HUMPBACK UNIT
1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER	8. WELL NAME and NUMBER: MONUMENT FED 23-25
2. NAME OF OPERATOR: Inland Production Company	9. API NUMBER: 4304732529
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: Monument Butte
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1926 FSL 2138 FWL	COUNTY: Uintah
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SW, 25, T8S, R17E	STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARITLY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
12/16/2003	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[ ] OTHER
	[X] CONVERT WELL TYPE	[ ] RECOMPLETE - DIFFERENT FORMATION	

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

The subject well was converted from a producing to an injection well on 12/5/03. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly 4439'.
The well was also recompleted in the Green River Formation two new intervals were perforated the GB6 sds 4530'-4534' w/4 JSPF and the D2 sds 5053'-5057' w/4 JSPF for a total of 32 shots. On 12/11/03 Mr. Dan Jackson w/EPA was notified of the intent to conduct a MIT on the casing. On 12/15/03 the casing was pressured to 1160 psi w/no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

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

NAME (PLEASE Krisha Russell TITLE Production Clerk

SIGNATURE Krisha Russell DATE December 16, 2003

RECEIVED
DEC 17 2003
DIV. OF OIL, GAS & MINING

(This space for State use only)

Mechanical Integrity Test
Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 12 / 15 / 03
Test conducted by: BRET HENRIE
Others present: _____

Well Name: MONUMENT FEDERAL 23-25-8-17 Type: ER SWD Status: AC TA UC
Field: HUMPBACK UNIT
Location: NE/SW Sec: 25 T 8 N/S R 17 E/W County: UINTAH State: UT
Operator: TEXLAND
Last MIT: — / NA / — Maximum Allowable Pressure: — PSIG

Is this a regularly scheduled test? [ ] Yes [X] No
Initial test for permit? [X] Yes [ ] No
Test after well rework? [ ] Yes [X] No
Well injecting during test? [ ] Yes [X] 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	380 psig	psig	psig
End of test pressure	380 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1160 psig	psig	psig
5 minutes	1160 psig	psig	psig
10 minutes	1160 psig	psig	psig
15 minutes	1160 psig	psig	psig
20 minutes	1160 psig	psig	psig
25 minutes	1160 psig	psig	psig
30 minutes	1160 psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

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DEC 17 2003
DIV. OF OIL, GAS & MINING

Does the annulus pressure build back up after the test ? [ ] Yes [X] 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: _____

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff _____ Date: ____/____/____

Do you agree with the reported test results? [ ] YES [ ] NO

If not, why? _____

Possible violation identified? [ ] YES [ ] NO

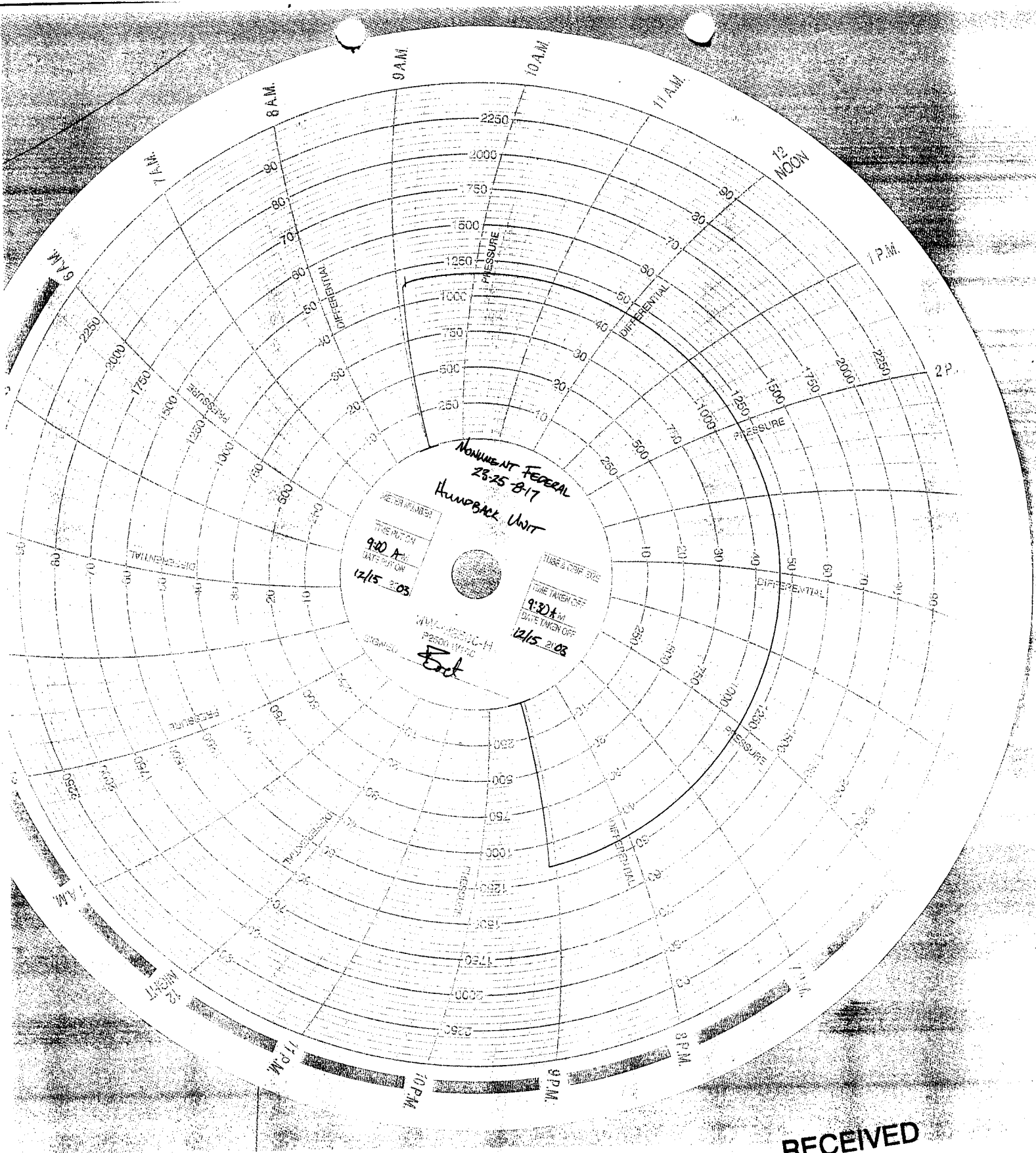
If YES, what _____

If YES - followup initiated? [ ] YES _____

[ ] NO - why not? _____

RECEIVED
DEC 17 2003
DIV. OF OIL, GAS & MINING

[ ] Data Entry [ ] Compliance Staff [ ] 2nd Data Entry [ ] Hardcopy Filing



RECEIVED

DEC 17 2003

DIV. OF OIL, GAS & MINING

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

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)

1. Type of Well
[ ] Oil Well [ ] Gas Well [X] Other

8. Well Name and No.
MONUMENT FED 23-25

9. API Well No.
43-047-32529

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

3. Address and Telephone No.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

11. County or Parish, State
UINTAH COUNTY, UT

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1926 FSL 2138 FWL NE/SW Section 25, T8S R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Report of first injection**	[ ] Dispose Water

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

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

The above referenced well was put on injection at 1:00 p.m. on 1/29/04.

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

FEB 02 2004

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

Signed Mandie Crozier Title Regulatory Specialist Date 1/30/2004

Mandie Crozier

CC: UTAH DOGM

(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 fradulent statements or representations as to any matter within its jurisdiction.

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU67845
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: HUMPBACK UNIT
8. WELL NAME and NUMBER: MONUMENT FED 23-25
9. API NUMBER: 4304732529
10. FIELD AND POOL, OR WILDCAT: Monument Butte

SUNDRY NOTICES AND REPORTS ON WELLS

not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, c drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Injection well

2. NAME OF OPERATOR: Inland Production Company

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1926 FSL 2138 FWL COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SW, 25, T8S, R17E STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARITLY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of Work Completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
07/19/2004	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: - Step Rate Test
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

A step rate test was conducted on the subject well on July 16, 2004. The fracture pressure was not reached during the test. Therefore, Inlanc is requesting that the maximum allowable injection pressure (MAIP) be changed to the highest pressure achieved during the test or 1115 psi.

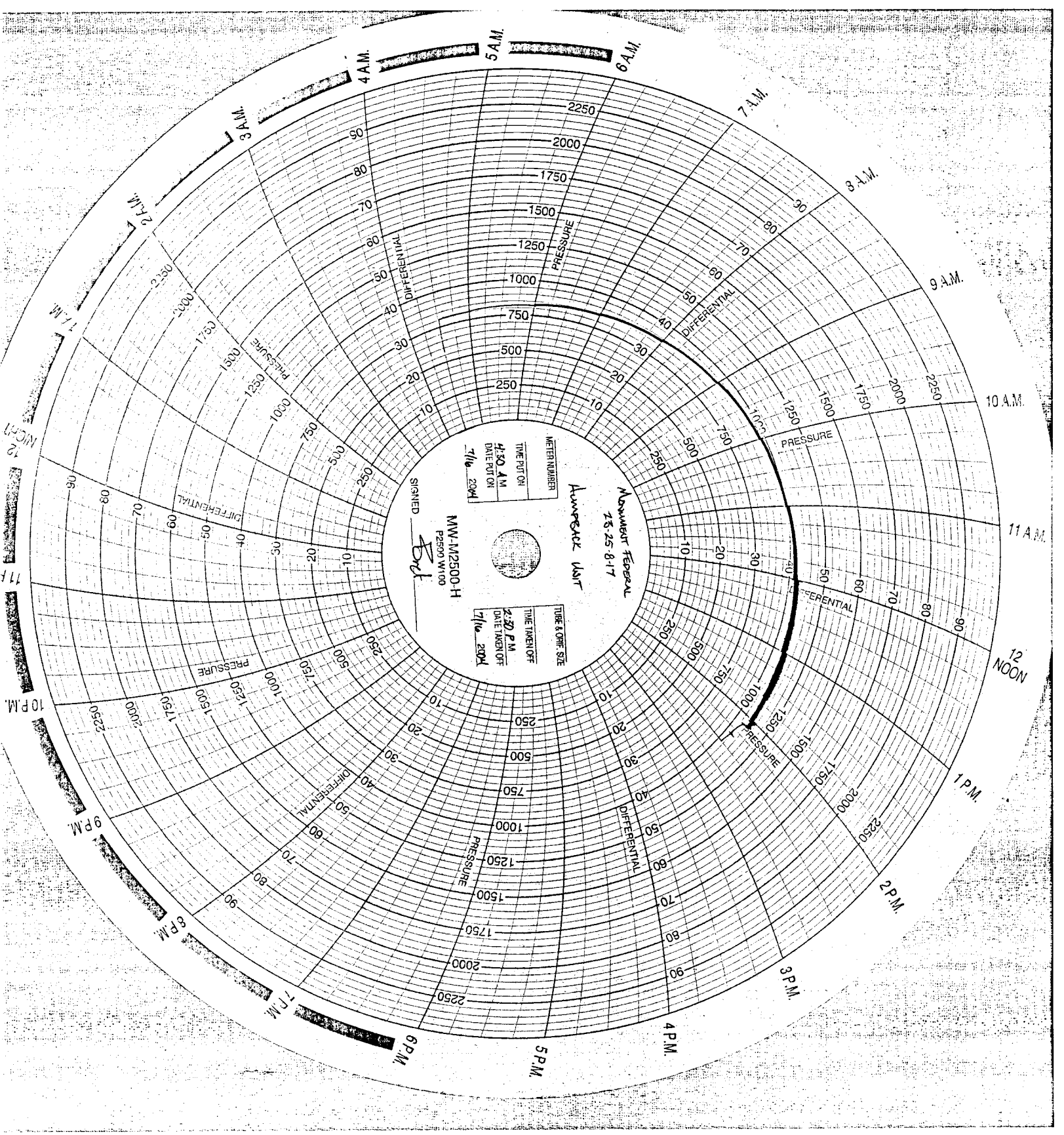
Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

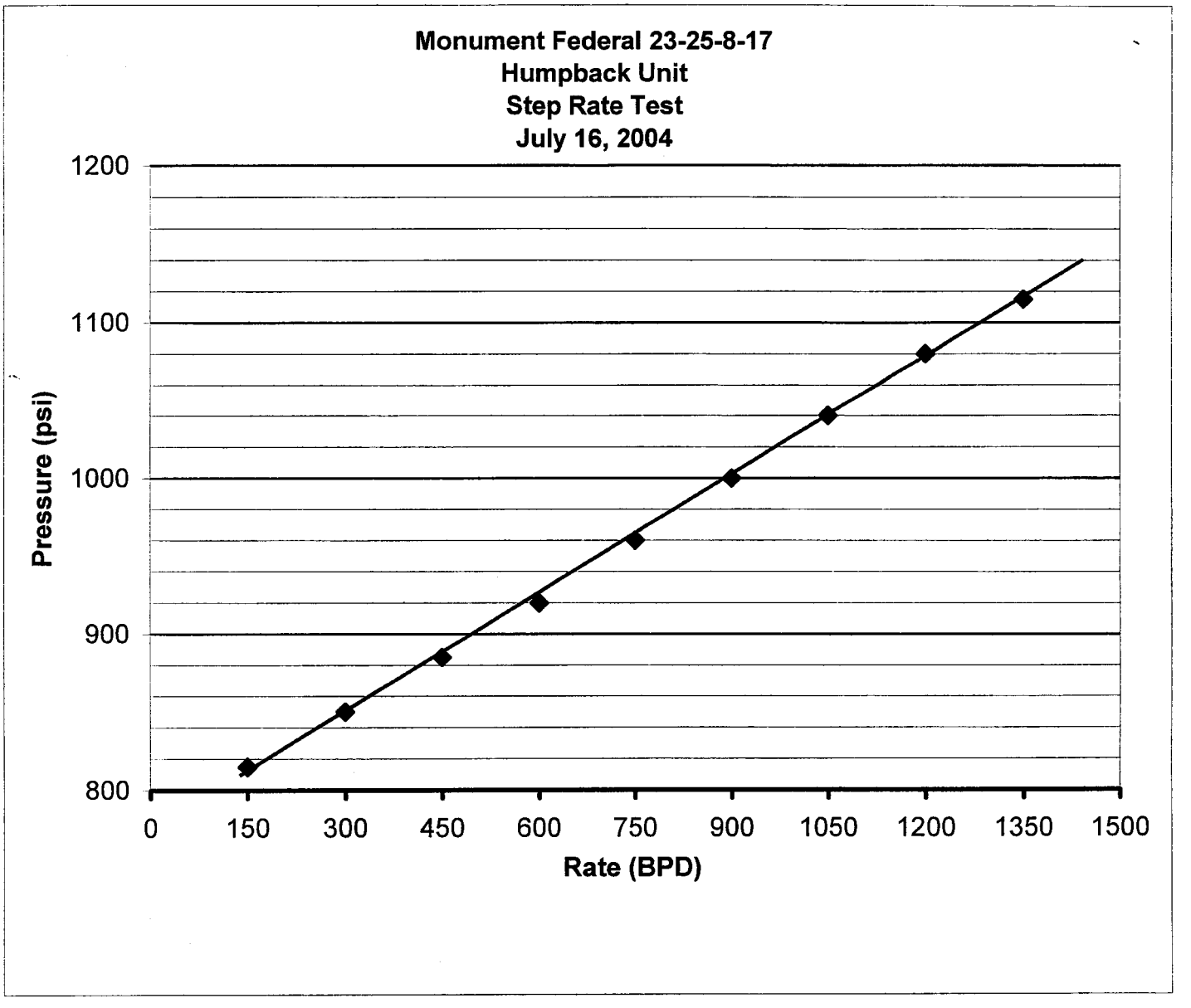
RECEIVED
JUL 2 0 2004
DIV. OF OIL, GAS & MINING

NAME (PLEASE Mike Guinn TITLE Engineer

SIGNATURE _____ DATE July 19, 2004

(This space for State use only)


METER NUMBER
MW-M2500-H
P2500 W100
TIME PUT ON
4:50 A M
DATE PUT ON
7/16 2004
SIGNED
Ford
Humpback Unit
Monument Federal
23-25-8-17
TIME TAKEN OFF
2:30 P M
DATE TAKEN OFF
7/16 2004
TUBE & ORIF. SIZE
PRESSURE
DIFFERENTIAL
3 A.M.
4 A.M.
5 A.M.
6 A.M.
7 A.M.
8 A.M.
9 A.M.
10 A.M.
11 A.M.
12 NOON
1 P.M.
2 P.M.
3 P.M.
4 P.M.
5 P.M.
6 P.M.
7 P.M.
8 P.M.
9 P.M.
10 P.M.
11 P.M.



Start Pressure:	805	psi
Instantaneous Shut In Pressure (ISIP):	1075	psi
Top Perforation:	4530	feet
Fracture pressure (Pfp):	N/A	psi
FG:	N/A	psi/ft

Step	Rate(bpd)	Pressure(psi)
1	150	815
2	300	850
3	450	885
4	600	920
5	750	960
6	900	1000
7	1050	1040
8	1200	1080
9	1350	1115

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number	API Number
See Attached List	
Location of Well	Field or Unit Name
Footage : County :	See Attached List
QQ, Section, Township, Range: State : UTAH	Lease Designation and Number

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: Brian Harris
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone:
Comments:

Name: Brian Harris
Signature: Brian Harris
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: [signature]
Title: Tech. Services Manager

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

(5/2000)

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU67845
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: HUMPBACK UNIT
8. WELL NAME and NUMBER: MONUMENT FED 23-25
9. API NUMBER: 4304732529
10. FIELD AND POOL, OR WILDCAT: Monument Butte

SUNDRY NOTICES AND REPORTS ON WELLS

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1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Injection well

2. NAME OF OPERATOR: Newfield Production Company

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1926 FSL 2138 FWL COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SW, 25, T8S, R17E STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARITLY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☒ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of Work Completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
12/30/2004	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: -
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

The subject well developed a leak in the tubing. A rig was moved on to location and fixed the leak. On 12/22/04 Mr. Dan Jackson w/ EPA was notified of the intent to conduct a MIT on the casing. On 12/23/04 the casing was pressured to 1360 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

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

RECEIVED
JAN 04 2005
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Krisha Russell TITLE Production Clerk

SIGNATURE Krisha Russell DATE December 30, 2004

(This space for State use only)

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):	**TO:** (New Operator):
N5160-Inland Production Company	N2695-Newfield Production Company
Route 3 Box 3630	Route 3 Box 3630
Myton, UT 84052	Myton, UT 84052
Phone: 1-(435) 646-3721	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

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

3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 2/23/2005
4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
5. If **NO**, the operator was contacted 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**

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

Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment September 02, 2004

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

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

TAKE PRIDE IN AMERICA

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-
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065914

UTU-

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10760
11385
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15392
15855
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16544
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72086A
72613A
73520X
74477X
75023X
76189X
76331X
76788X
77098X
77107X
77236X
77376X
78560X
79485X
79641X
80207X
81307X

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

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.

5. LEASE DESIGNATION AND SERIAL NUMBER:	USA UTU-67845
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME:	HUMPBACK UNIT
1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: MONUMENT FED 23-25
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 4304732529
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: MONUMENT BUTTE
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1926 FSL 2138 FWL	COUNTY: UINTAH
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESW, 25, T8S, R17E	STATE: UT

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

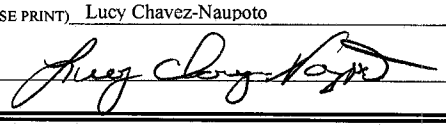
TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARITLY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLAIR
☒ SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 10/09/2009	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/STOP)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☒ OTHER: - Five Year MIT
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

On 9-29-09 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 9-30-09. On 10-09-09 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1048 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20852-04462 API# 43-047-32529

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Production Tech

SIGNATURE  DATE 10/12/2009

(This space for State use only)

RECEIVED
OCT 14 2009
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: 10 / 09 / 09
Test conducted by: Dale Giles
Others present: _____

Well Name: Monument Fed. 23-25-8-17 Type: ER SWD Status: AC TA UC
Field: Humpback Unit
Location: _____ Sec: 25 T 8 N (S) R 17 (E) W County: Uintah State: UT
Operator: Newfield production CO
Last MIT: / / Maximum Allowable Pressure: 1145 PSIG

Is this a regularly scheduled test? [X] Yes [ ] No
Initial test for permit? [ ] Yes [X] No
Test after well rework? [ ] Yes [X] No
Well injecting during test? [X] Yes [ ] No If Yes, rate: 61 bpd

Pre-test casing/tubing annulus pressure: 0 psig

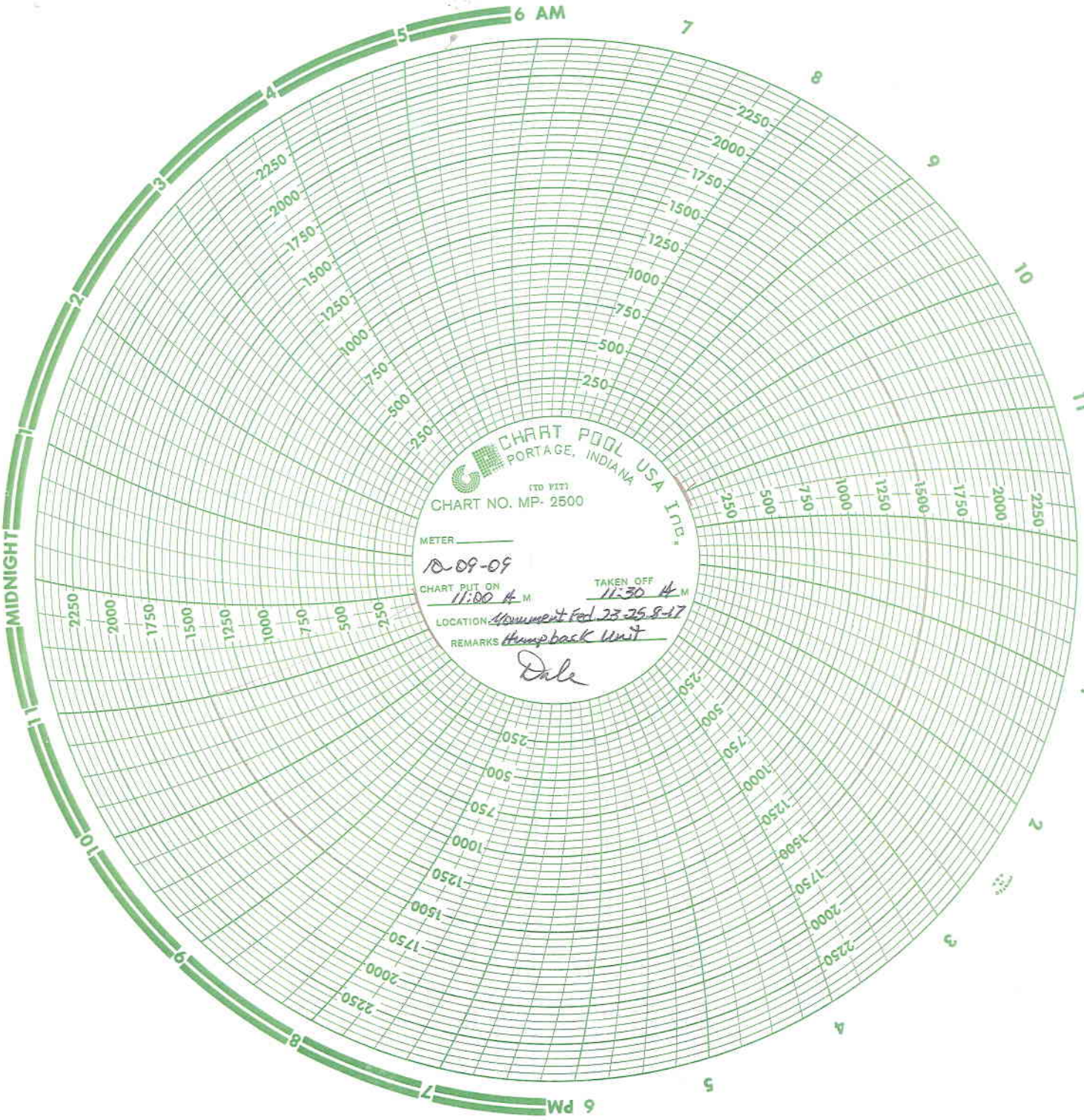
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	1048 psig	psig	psig
End of test pressure	1048 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1500 psig	psig	psig
5 minutes	1500 psig	psig	psig
10 minutes	1500 psig	psig	psig
15 minutes	1500 psig	psig	psig
20 minutes	1500 psig	psig	psig
25 minutes	1500 psig	psig	psig
30 minutes	1500 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

Does the annulus pressure build back up after the test ? [ ] Yes [X] 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:


6 AM
NOON
6 PM
MIDNIGHT
CHART POOL USA Inc.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP- 2500
METER
10-09-09
CHART PUT ON 11:00 A M
TAKEN OFF 11:30 A M
LOCATION Monument Fed. 23-25 8-17
REMARKS Humpback Unit
Dale

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

FORM 9

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.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-67845

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: MONUMENT FED 23-25

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047325290000

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: 1926 FSL 2138 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 9/8/2014	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: 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 09/08/2014 the casing was pressured up to 1336 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1089 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04462

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 15, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 9/9/2014

RECEIVED: Sep. 09, 2014

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: 9 / 8 / 14
Test conducted by: Dale Giles
Others present: _____

— 04462

Well Name: Balcron Mon. Fed 23-25S-17 Type: ER SWD Status: AC TA UC
Field: Monument Butte
Location: NE/SW Sec: 25 T 8 N/S R 17 E/W County: Uintah State: Ut.
Operator: Newfield Production Co.
Last MIT: / / Maximum Allowable Pressure: 1110 PSIG

Is this a regularly scheduled test? [X] Yes [ ] No
Initial test for permit? [ ] Yes [X] No
Test after well rework? [ ] Yes [X] No
Well injecting during test? [ ] Yes [X] 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	1089 psig	psig	psig
End of test pressure	1089 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1332 psig	psig	psig
5 minutes	1332 psig	psig	psig
10 minutes	1333 psig	psig	psig
15 minutes	1334 psig	psig	psig
20 minutes	1335 psig	psig	psig
25 minutes	1335 psig	psig	psig
30 minutes	1336 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

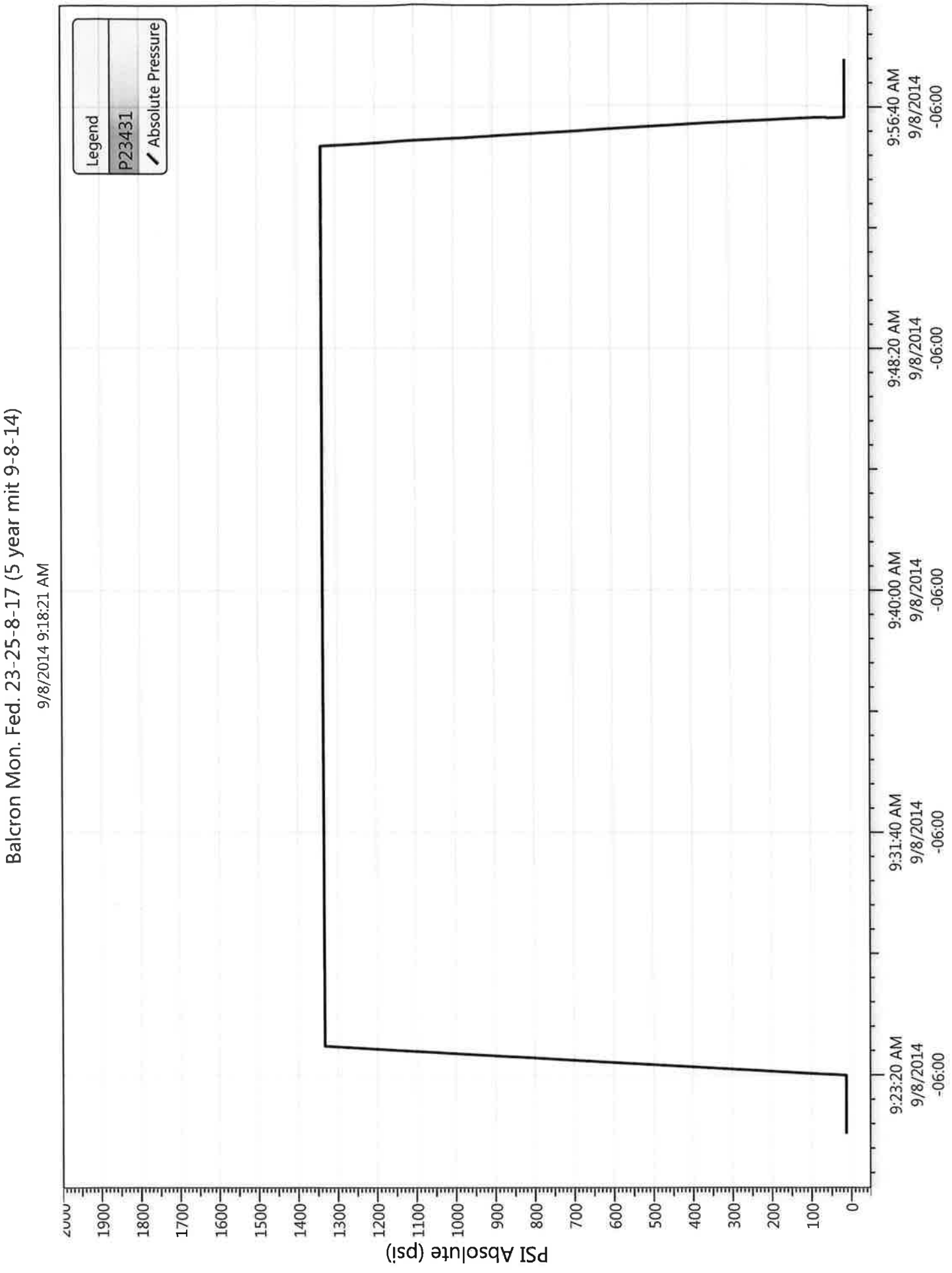
Does the annulus pressure build back up after the test ? [ ] Yes [X] No

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: _____


Balcron Mon. Fed. 23-25-8-17 (5 year mit 9-8-14)
9/8/2014 9:18:21 AM
Legend
P23431
Absolute Pressure
PSI Absolute (psi)
2000
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-06:00
9:48:20 AM
9/8/2014
-06:00
9:56:40 AM
9/8/2014
-06:00

Monument Fed. 23-25-8-17

Spud Date: 1/22/1995
Put on Production: 3/14/1995
GL: 4992' KB: 5002'

Initial Production: BOPD, MCFD, BWPD

Injector Wellbore Diagram

SURFACE CASING

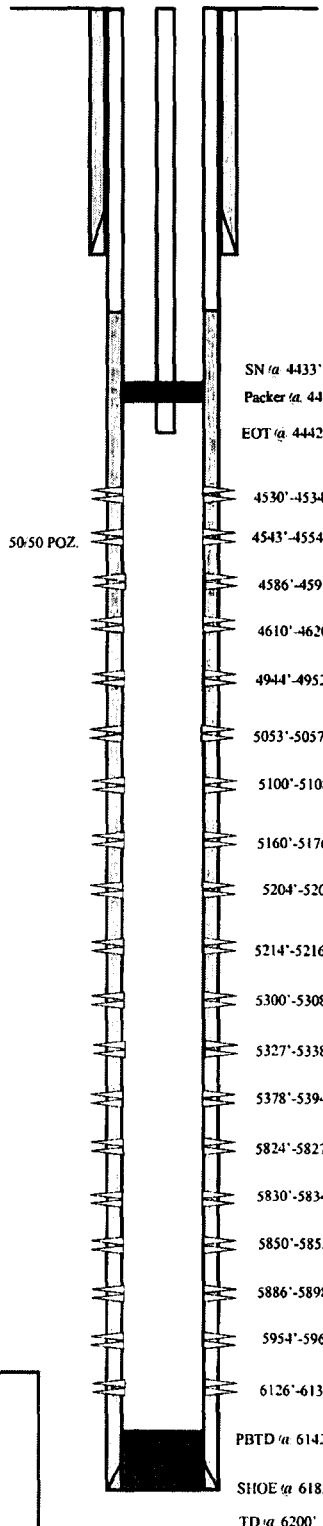
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (260.50')
DEPTH LANDED: 270.50' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 146 jts. (6173.26')
DEPTH LANDED: 6182.26' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 50 sxs Super "G" + 125 sxs Super "G" + 450 sxs 50/50 POZ.
CEMENT TOP AT: 2230' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 6.5#
NO. OF JOINTS: 137 jts (4423.47')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4433.47'
PACKER AT: 4438.57'
TOTAL STRING LENGTH: EOT @ 4442.02'



FRAC JOB

2/08/95	5824'-5898'	**Frac B1-C sand as follows:** 60,480# 20/40 sand + 90,640# 16/30 sand in 974 bbls 2% KCl fluid. Treated @ avg press of 1700 psi w/avg rate of 31.5 BPM. ISIP 1750 psi. Calc. flush: 5824 gal. Actual flush: 5796 gal.
2/20/95	5300'-5394'	**Frac G1 sand as follows:** 60,000# 20/40 sand + 92,000# 16/30 sand in 1124 bbls 2% KCl fluid. Treated @ avg press of 1200 psi w/avg rate of 33 BPM. ISIP 1550 psi. Calc. flush: 5300 gal. Actual flush: 5308 gal.
2/27/95	5160'-5216'	**Frac R5 sand as follows:** 67,000# 20/40 sand + 68,700# 16/30 sand in 894 bbls 2% KCl fluid. Treated @ avg press of 1950 psi w/avg rate of 31 BPM. ISIP 1650 psi. Calc. flush: 5160 gal. Actual flush: 5082 gal.
5/10/02	4543'-4620'	**Frac GB6/PB7 sand as follows:** 82,360# 20/40 sand in 716 bbls Viking I-25 fluid. Treated @ avg press of 2350 psi w/avg rate of 22.7 BPM. ISIP 2600 psi. Calc. flush: 4543 gal. Actual flush: 4452 gal.
12/5/03		Injection Conversion.
12/18/04		Tubing Leak.
6/3/09		Zone Stimulation. Updated tubing details.
10/9/09		5 Year MIT completed and submitted

PERFORATION RECORD

2/07/95	5886'-5898'	4 JSPF	48 holes
2/07/95	5850'-5855'	4 JSPF	20 holes
2/07/95	5830'-5834'	4 JSPF	16 holes
2/07/95	5824'-5827'	4 JSPF	12 holes
2/13/95	5378'-5394'	4 JSPF	64 holes
2/13/95	5327'-5338'	4 JSPF	44 holes
2/13/95	5300'-5308'	4 JSPF	32 holes
2/27/95	5214'-5216'	4 JSPF	08 holes
2/27/95	5204'-5207'	4 JSPF	08 holes
2/27/95	5160'-5176'	4 JSPF	64 holes
5/07/02	6126'-6132'	4 JSPF	24 holes
5/07/02	5954'-5968'	4 JSPF	56 holes
5/07/02	5100'-5108'	4 JSPF	32 holes
5/07/02	4944'-4952'	4 JSPF	32 holes
5/07/02	4610'-4620'	4 JSPF	40 holes
5/07/02	4586'-4598'	4 JSPF	48 holes
5/07/02	4543'-4554'	4 JSPF	44 holes
12/4/03	5053'-5057'	4 JSPF	16 holes
12/4/03	4530'-4534'	4 JSPF	16 holes

NEWFIELD

Monument Fed. #23-25-8-17
1926' FSL & 2138' FWL
NESW Section 25-T8S-R17E
Uintah Co, Utah
API #43-047-32529; Lease #U-67845

LCN 10-16-09