

UTAH OIL AND GAS CONSERVATION COMMISSION

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

982302 CONF exp.

DATE FILED **SEPTEMBER 30, 1996**

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. **UTU-74389** INDIAN

DRILLING APPROVED: **NOVEMBER 14, 1996**

SPUDDED IN: **12/7/96**

COMPLETED: **1-22-97 POW** PUT TO PRODUCING:

INITIAL PRODUCTION: **10 bbl, 50 MCF, 8 BBL**

GRAVITY A.P.I. **34°**

GOR: **5**

PRODUCING ZONES: **5113-5650' MRRV**

TOTAL DEPTH: **1050'**

WELL ELEVATION: **5823' ML**

DATE ABANDONED:

FIELD: **MONUMENT BUTTE**

UNIT:

COUNTY: **DUCHESNE**

WELL NO. **MONUMENT FEDERAL 34-31-8-16** API NO. **43-013-31715**

LOCATION **723 FSL** FT. FROM (N) (S) LINE, **1970 FEL** FT. FROM (E) (W) LINE, **SW SE** 1/4 - 1/4 SEC. **31**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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8S

16E

31

Inland Prod. Co.
EQUITABLE RESOURCES

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humburg
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
2nd garden QUIC 4118	Dakota	Park City	McCracken
yellow mkr 47100	Burro Canyon	Rico (Goodridge)	Aneth
DRYCK 4911	Cedar Mountain	Supai	Simonson Dolomite
2nd DRYCK 5150	Buckhorn	Wolfcamp	Sevy Dolomite
green mkr 5289	JURASSIC	CARBON I FEROUS	North Point
Carbonate 5824	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK		LEASE DESIGNATION AND SERIAL NO. UTU-74390
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. UNIT AGREEMENT NAME n/a
2. NAME OF OPERATOR Equitable Resources Energy Company		8. FARM OR LEASE NAME Monument Federal
3. ADDRESS OF OPERATOR 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860		9. WELL NO. #41-6-9-16Y
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface NE NE Section 6, T9S, R16E 560' FNL, 656' FEL At proposed prod. zone 170 700		10. FIELD AND POOL, OR WILDCAT Monument Butte/Green River
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* From Myton, Utah approximately 10 miles SW		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T9S, R16E
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 6,000'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GL 5802.7'		22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

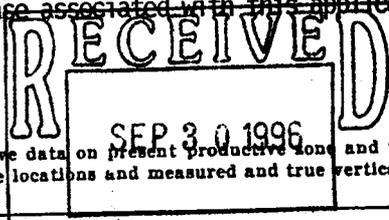
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

CONFIDENTIAL

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.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and 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. SIGNED Lobbie Schuman TITLE Regulatory and Environmental Specialist DIV. OF OIL, GAS & MINING DATE September 25, 1996

(This space for Federal or State office use)

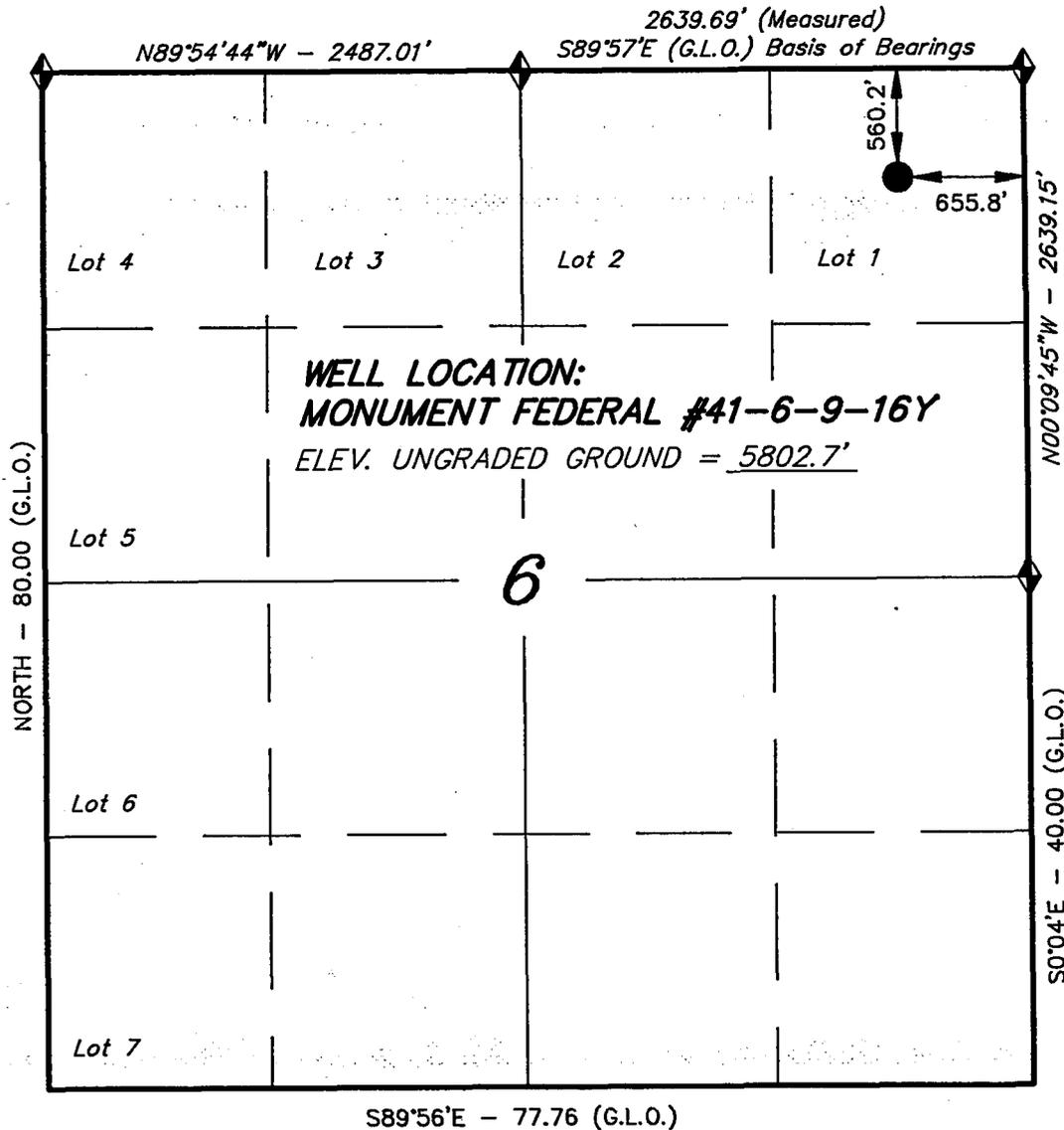
PERMIT NO. 43-013-31718 APPROVAL DATE _____
 APPROVED BY [Signature] TITLE Petroleum Engineer DATE 11/14/96
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #41-6-9-16Y, LOCATED AS SHOWN IN LOT 1 OF SECTION 6, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



WELL LOCATION:
MONUMENT FEDERAL #41-6-9-16Y
 ELEV. UNGRADED GROUND = 5802.7'

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 SURVEYOR
 GENE STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 144102
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
 (801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S. D.S.
DATE: 9-6-96	WEATHER: WARM
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse)

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

CONFIDENTIAL

LEASE DESIGNATION AND SERIAL NO.
UTU-74389

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
 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 SW SE Section 31, T8S, R16E 723' FSL, 1970' FEL
 At proposed prod. zone 220 600

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 From Myton, Utah approximately 10 miles SW

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH
 6,050'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 GL 5832.6'

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Drilling Program/Casing Design				

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

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.

ORIGINAL: Bureau of Land Management (Vernal, UT)
 COPY: Utah Division of Oil, Gas and 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. SIGNED Sobbie Schuman TITLE Regulatory and Environmental Specialist DATE September 25, 1996
 Hobbie Schuman

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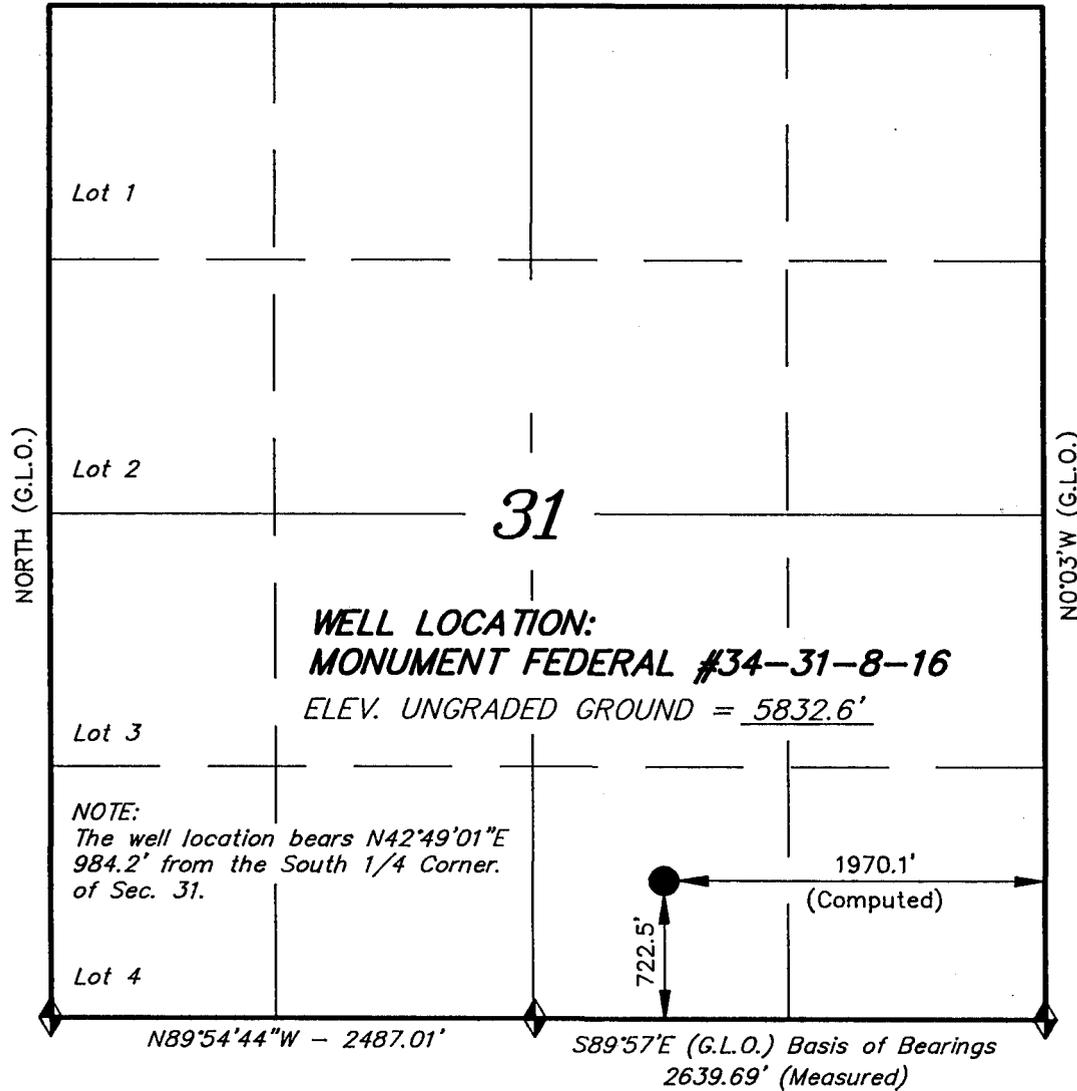
PERMIT NO. 43-013-31715 APPROVAL DATE _____

APPROVED BY JR Matthews TITLE Petroleum Engineer DATE 11/14/96
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

T8S, R16E, S.L.B.&M.

S89°58'E - 77.57 (G.L.O.)



**WELL LOCATION:
MONUMENT FEDERAL #34-31-8-16**
ELEV. UNGRADED GROUND = 5832.6'

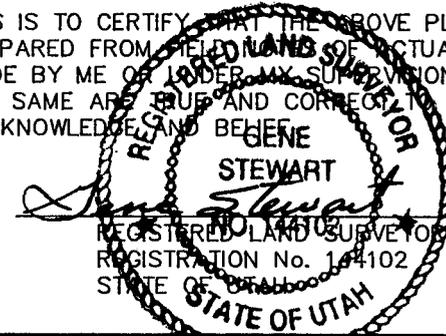
NOTE:
The well location bears N42°49'01"E
984.2' from the South 1/4 Corner
of Sec. 31.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL
#34-31-8-16, LOCATED AS SHOWN IN
THE SW 1/4 SE 1/4 OF SECTION 31,
T8S, R16E, S.L.B.&M. DUCHESNE
COUNTY, UTAH.



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PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
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TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

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DATE: 9-6-96	WEATHER: WARM
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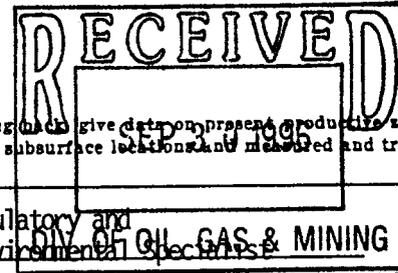
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(This space for Federal or State office use)

PERMIT NO. 43-013-31715 APPROVAL DATE

APPROVED BY [Signature] TITLE Petroleum Engineer DATE 11/14/97

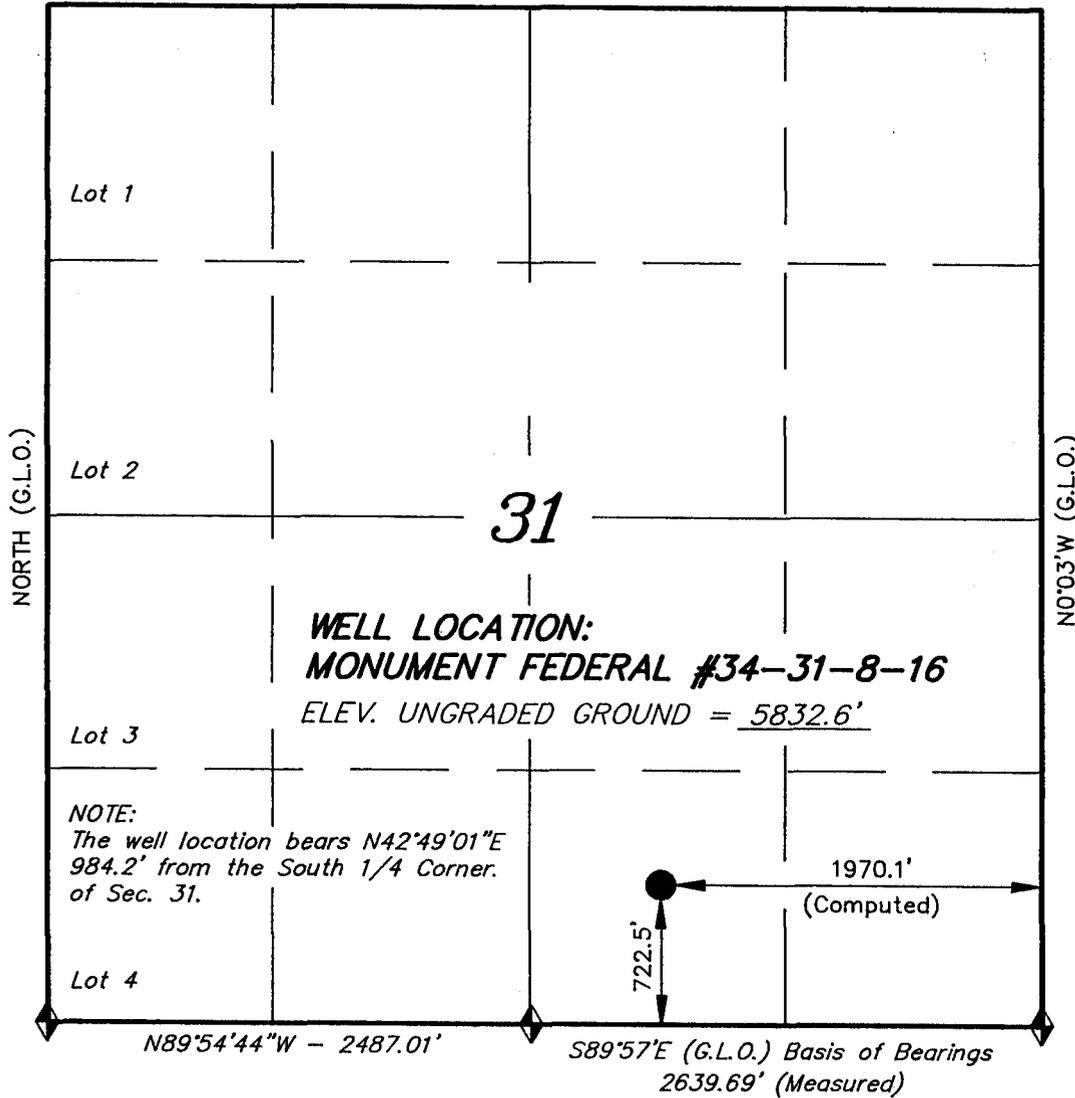
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T8S, R16E, S.L.B.&M.

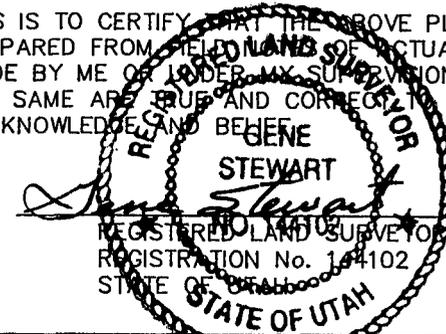
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EQUITABLE RESOURCES ENERGY CO.

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38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S. D.S.
DATE: 9-6-96	WEATHER: WARM
NOTES:	FILE #

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
Western Region
1601 Lewis Avenue
Billings, MT 59102
(406) 259-7860
FAX: (406) 245-1361**

EXHIBITS

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

9/25/96

PROPOSED DRILLING PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Western Region
Monument Federal #34-31-8-16
SW SE Section 31, T8S, R16E
Duchesne County, Utah

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

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

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

See Geologic Prognosis (EXHIBIT "C")

3. **OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

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

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Uinta formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.00, 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 after APD approval as possible.
- 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.

7. OTHER

- a. Operator requests a variance to regulations requiring a straight run blooie line.
- b. Operator requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.
- c. When running 5-1/2" production casing we will install 5-1/2" pipe rams and are hereby requesting a variance on testing. We request not to test.

B

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
MONUMENT FEDERAL #34-31-8-16
SW SE SECTION 31, T8S, R16E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 150' & 200' North and 175' & 225' West.
- B. The Monument Federal #34-31-8-16 is located 10 miles Southwest of Myton Utah in the SW1/4 SE1/4 Section 31, T8S, R16E, SLB&M, Duchesne County, Utah. To reach the 34-31-9-16, 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 1.7 miles to a road intersection, turn right and continue 6.9 miles to a road intersection. Turn right and proceed 0.6 mile to an existing well and the proposed access road sign. Follow flags 0.2 mile to location.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B"

Approximately 0.2 mile of new road construction will be required for access to the proposed well location.

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

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

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

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

Upgrading shall not be allowed during muddy conditions.

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

- C. Maximum grade - Less than 8%
- D. Turnouts - no turnouts will be required on this access road.
- E. Drainage design - the access road will be crowned and ditched or sloped and dipped, and water turnouts installed as necessary to provide for proper drainage along the access road route.
- F. Culverts, cuts and fills - none.
- 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.

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

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

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

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

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

10. Plans for Reclamation of the Surface:

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

A. Production

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

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

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

If the well is abandoned/dry hole, Equitable Resources

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

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

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

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

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

B. Dry Hole/Abandoned Location

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

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

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

11. Surface Ownership:

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

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

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

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 13 miles Southwest of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

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

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

The topsoils in the area range from a sandy clay (SM-ML)

type soil to a clayey (OL) soil.

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

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

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

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 2. There are no occupied dwellings in the immediate area
 3. An archaeological report will be forwarded upon completion.
 4. There are no reported restrictions or reservations noted on the oil and gas lease.
 5. A silt catchment dam will not be required for this location.

13. Lessee's or Operator's Representative:

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,

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.

September 27, 1996
Date

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

EQUITABLE RESOURCES ENERGY COMPANY

Operator: EREC	Well Name: MF 34-31-8-16
Project ID:	Location: Duchesne / Utah

Design Parameters:

Mud weight (8.70 ppg) : 0.452 psi/ft
 Shut in surface pressure : 2129 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)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	6,050	5-1/2"	15.50	K-55	ST&C	6,050	4.825		
	Collapse Load (psi)	Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2734	4040	1.478	2734	4810	1.76	93.78	222	2.37 J

Prepared by : *McCoskery, Billings, Montana*

Date : 09-26-1996

Remarks :

Design is for a Production string.

Minimum segment length for the 6,050 foot well is 1,500 feet.

The mud gradient and bottom hole pressures (for burst) are 0.452 psi/ft and 2,734 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 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. 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 1987 pricing model. (Version 1.07)



**EQUITABLE RESOURCES
ENERGY COMPANY
WESTERN REGION**

D

DRILLING PROGRAM

WELL NAME: Monument Federal #34-31-8-16 DATE: 9-26-96
 PROSPECT/FIELD: Monument Butte
 LOCATION: SW/SE Section 31 Twn.8S Rge.16E
 COUNTY: Duchesne
 STATE: Utah

TOTAL DEPTH: 6050'

HOLE SIZE INTERVAL

12 1/4" Surface to 260'
 7 7/8" 260' to 6050'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface Casing	0'	260'	8 5/8"	24	J55
Production Casing	0'	6050'	5 1/2"	15.50	K55

CEMENT PROGRAM

Surface Casing 150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele.
 (Cement will be circulated to surface.)

Production Casing 205 sacks 28:72 Poz. (28% POZ: 72% Class "C") with 10% Gel, 6.0 lbs/sk KOL SEAL & 1/4 pps Cello Flake. (Wt.=11.09 ppg, Yd =3.30 Cu.Ft/Sk Comp. Stght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ (50% POZ: 50% Class "G") with 2% Gel, 0.3% FL-52, 1/4 pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Strght @ 75 Hrs=2700)
 (Actual cement volumes to be calculated from caliper log with cement top at 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 wtr	260'	T.D.	8.7-8.9	N.A.	N.A.

COMMENTS

1.) No cores or tests are planned for this well.

EXHIBIT "E"

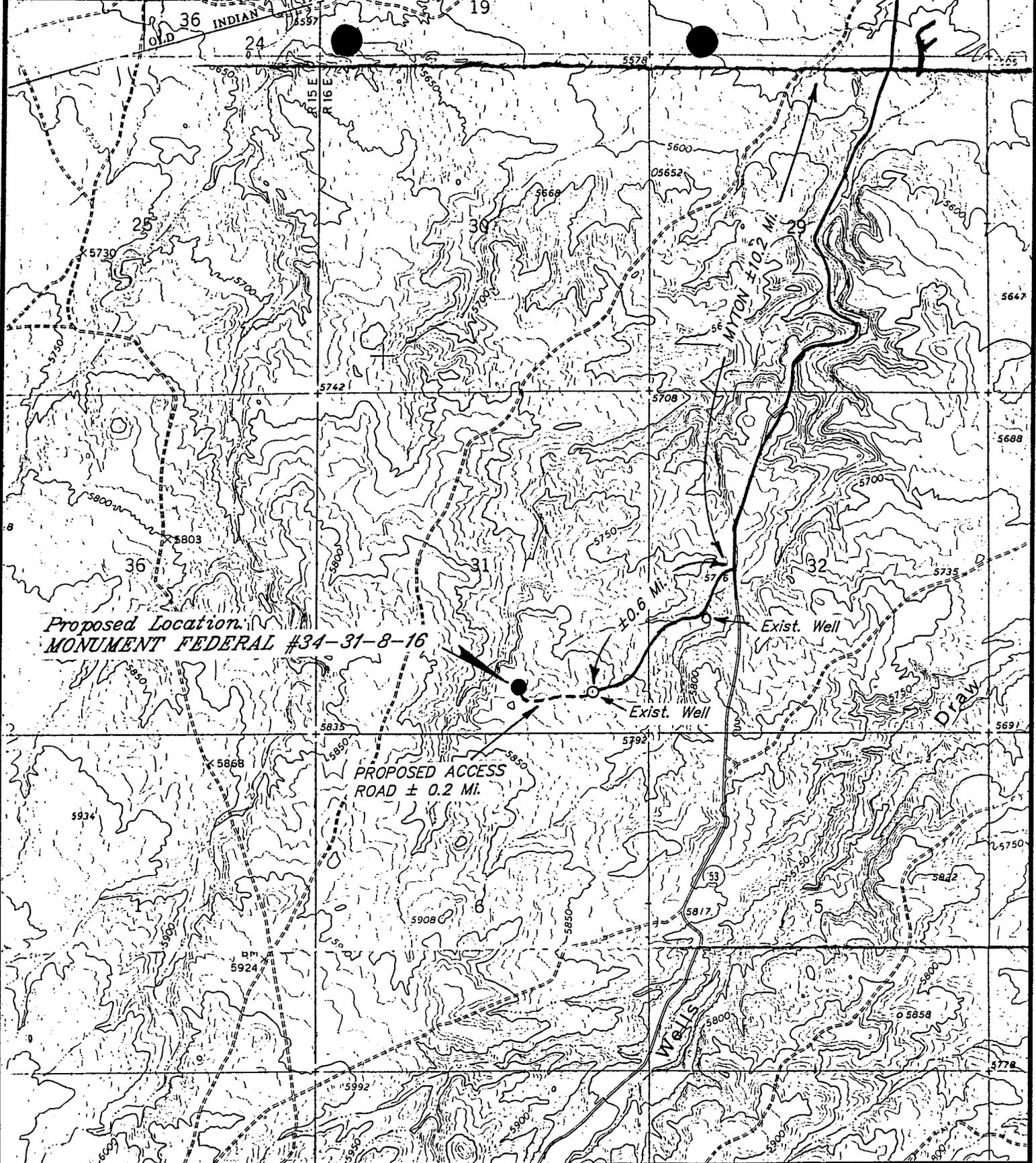
- A. Hazardous chemicals 10,000 pounds of which will most likely be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

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 which will be used, produced, stored, transported, or disposed of in association with the proposed action of drilling, completing, and producing this well:

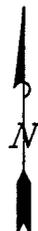
We anticipate that none of the extremely hazardous substances in threshold quantities per 40 CFR 355 will be associated with these operations.

3/28/95
/rs



EQUITABLE RESOURCES CO.

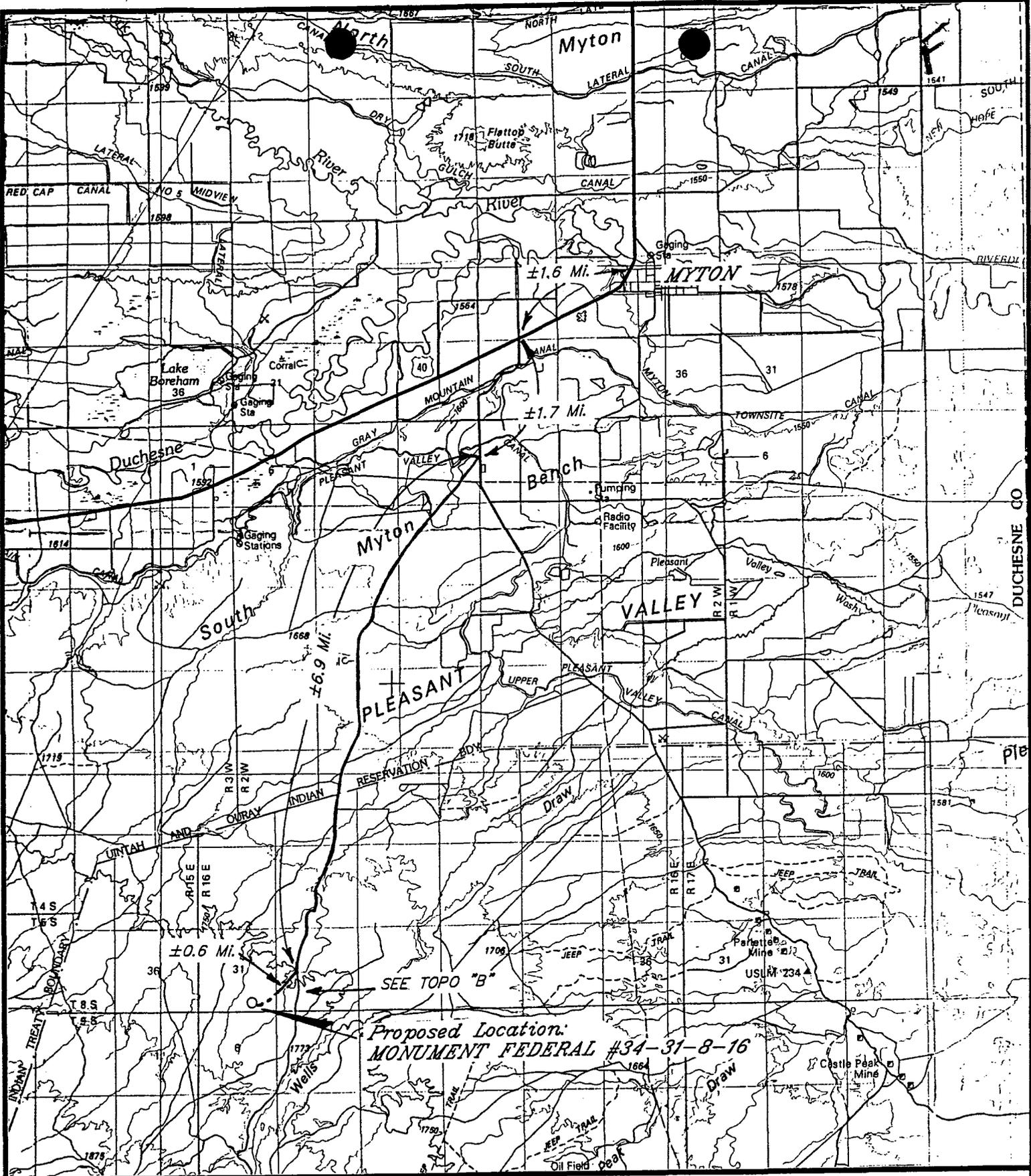
MONUMENT FEDERAL #34-31-8-16
 SECTION 31, T8S, R16E, S.L.B.&M.
 TOPO "B"



Tri State
Land Surveying, Inc.
 (801) 781-2501

SCALE: 1" = 2000'

38 WEST 100 NORTH VERNAL, UTAH 84078



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #34-31-8-16
 SECTION 31, T8S, R16E, S.L.B.&M.
 TOPO "A"

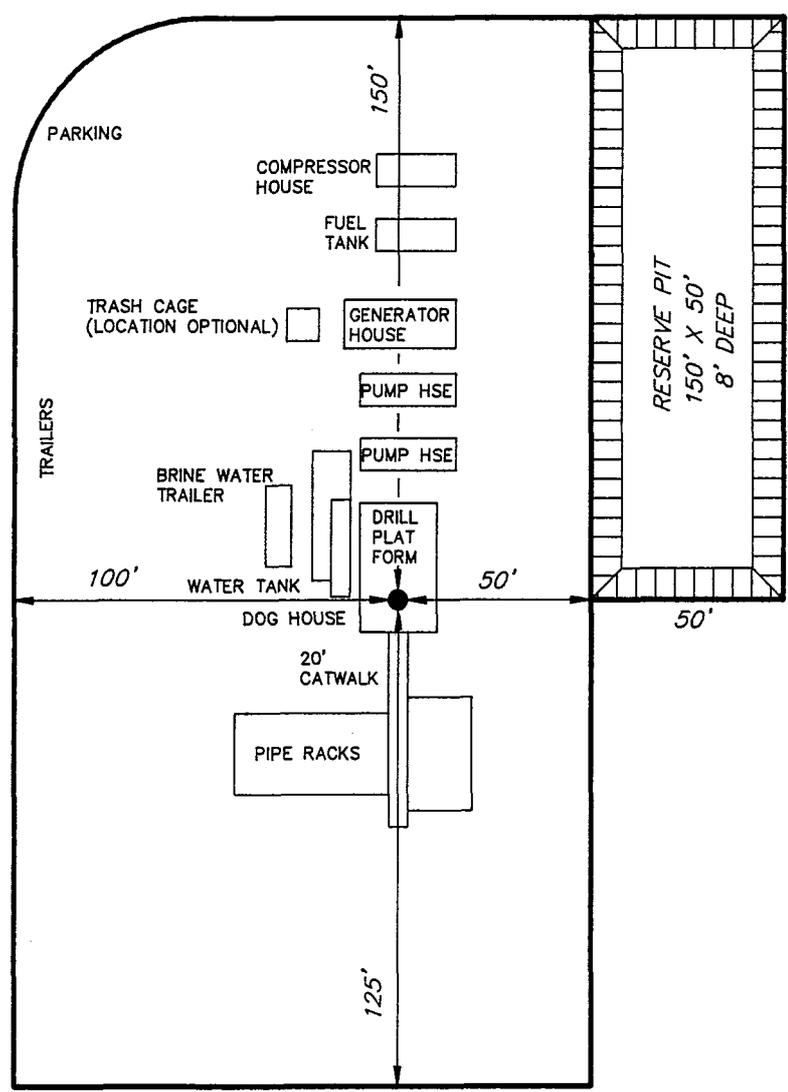


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G

TYPICAL RIG LAYOUT

MONUMENT FEDERAL #34-31-8-16



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UNION DRILLING RIG #17

Hex Kelly -

Rotating Head

Adj. Choke

Air Bowl

7" Flowline

#3000
Blind Ram - Pipe Ram

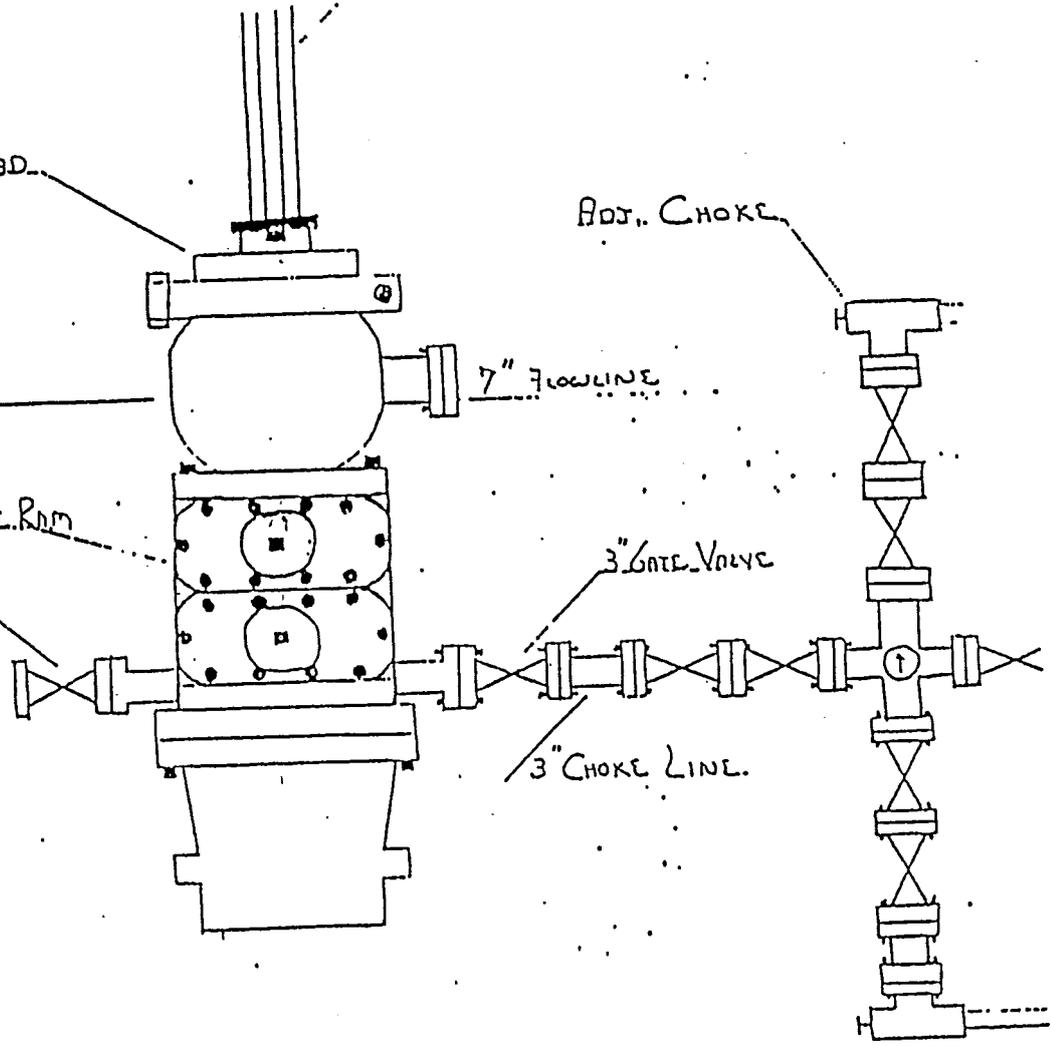
3" Gate Valve

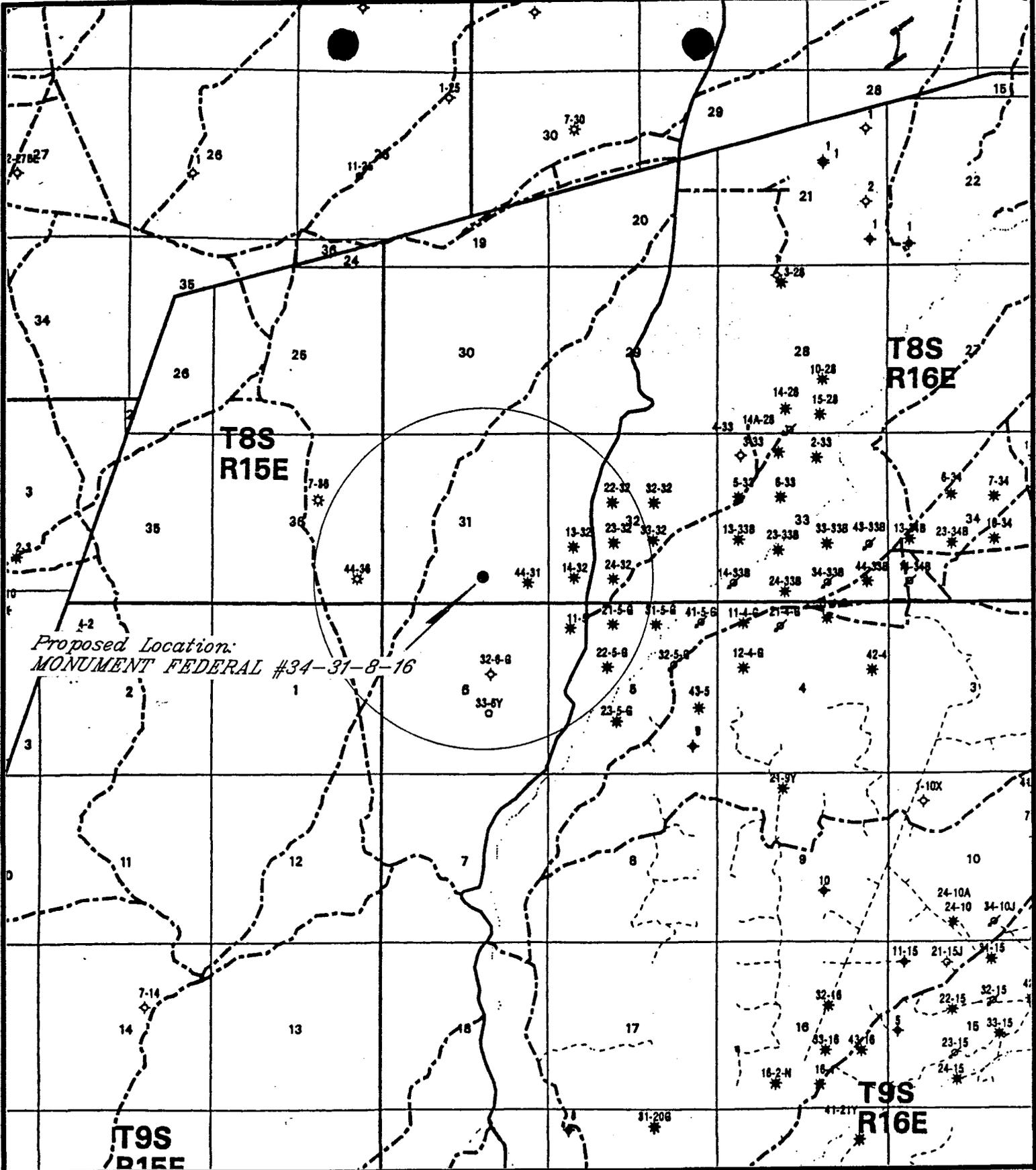
3" Gate Valve

3" Choke Line

Adj. Choke

#3000 Stack





Proposed Location:
 MONUMENT FEDERAL #34-31-8-16

EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #34-31-8-16
 SECTION 31, T8S, R16E, S.L.B.&M.
 TOPO "C"



Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

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

DIKE

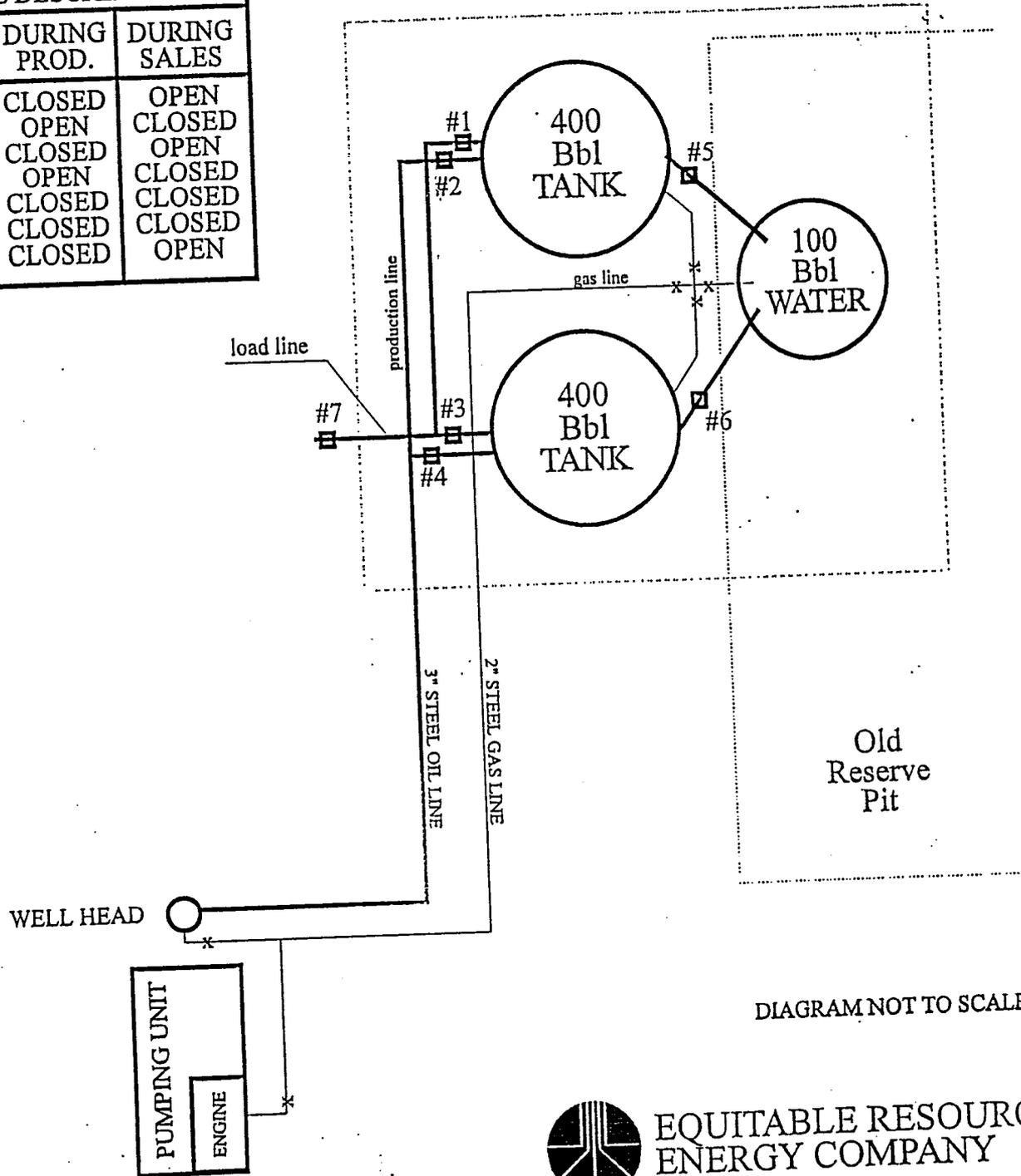


DIAGRAM NOT TO SCALE



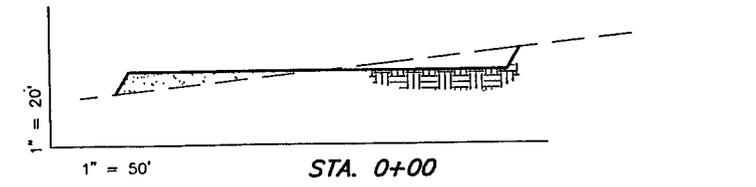
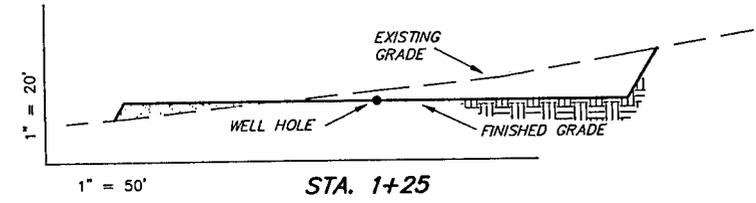
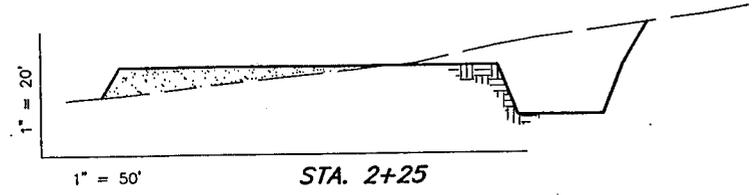
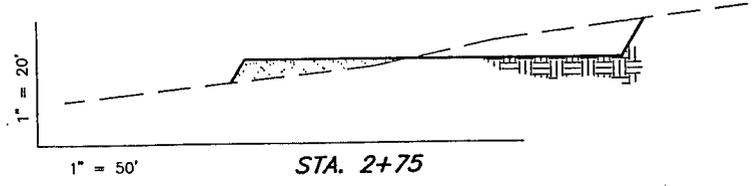
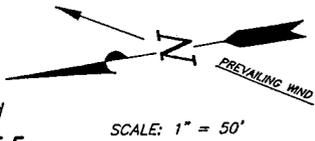
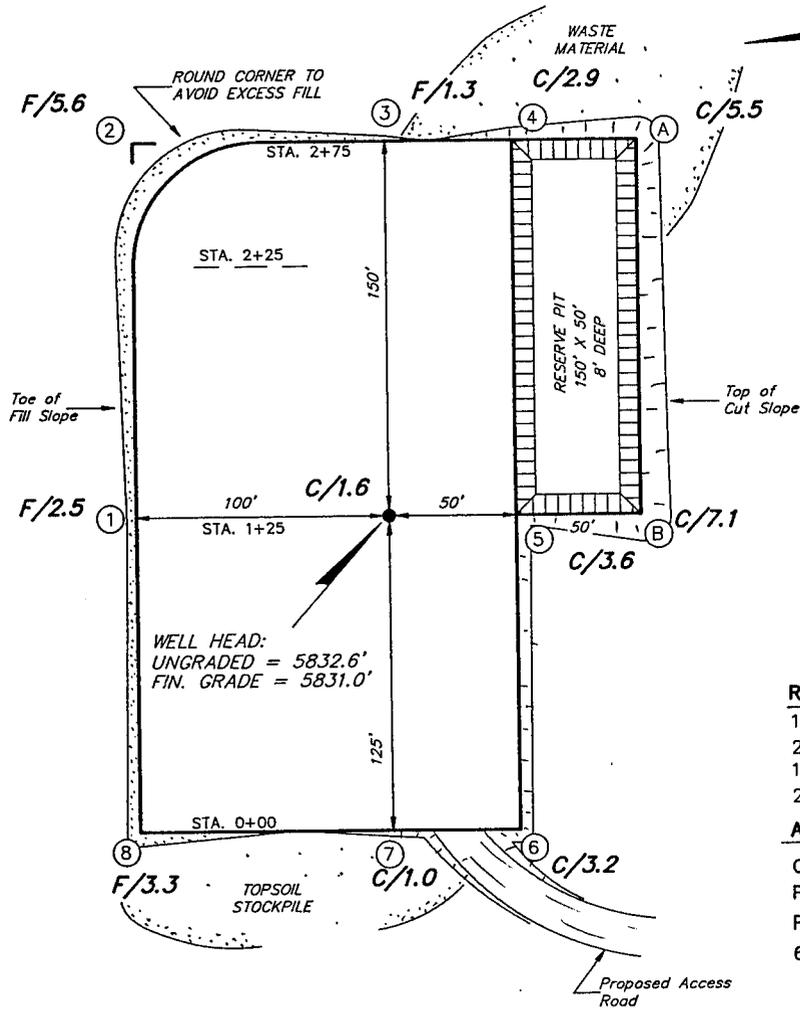
EQUITABLE RESOURCES ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
 Billings, MT 59104-2
 (406) 259-7860

EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #34-31-8-16
SEC. 31, T8S, R16E, S.L.B.&M.



REFERENCE POINTS
 150' NORTH = 5827.0'
 200' NORTH = 5825.1'
 175' WEST = 5831.7'
 225' WEST = 5831.6'

APPROXIMATE YARDAGES
 CUT = 2,180 Cu. Yds.
 FILL = 2,180 Cu. Yds.
 PIT = 1,770 Cu. Yds.
 6" TOPSOIL = 910 Cu. Yds.

SURVEYED BY: G.S. D.S.
DRAWN BY: J.R.S.
DATE: 9-6-96
SCALE: 1" = 50'
FILE:

Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

APPLICATION FOR PIPELINE RIGHT-OF-WAY

Please consider this Application for Permit to Drill also as an application for the pipeline (gas gathering system) Right-of-way for this prospective well. See Map EXHIBIT "M" for the pipeline route. This will be a 2" surface line.

Please advise of the costs associated with this Right-of-Way and a check will be forthcoming.

Route will follow existing roads where possible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/30/96

API NO. ASSIGNED: 43-013-31715

WELL NAME: MONUMENT FEDERAL 34-31-8-16
 OPERATOR: EQUITABLE RESOURCES (N9890)

PROPOSED LOCATION:
 SWSE 31 - T08S - R16E
 SURFACE: 0723-FSL-1970-FEL
 BOTTOM: 0723-FSL-1970-FEL
 DUCHESNE COUNTY
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED
 LEASE NUMBER: UTU - 74389

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal State Fee
 (Number 5547188)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
 (Number JOE SHIELDS)
- 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: _____

STIPULATIONS: _____

OPERATOR Equitable Resources Energy Company

OPERATOR ACCT. NO. N 9890

ENTITY ACTION FORM - FORM 6

ADDRESS 1601 Lewis Avenue

Billings, MT 59102

(406) 259-7860

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	APT NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12054	43-013-31716	Monument Fed. #13-4-9-16	NW SW	4	T9S	16E	Duchesne	1-6-97	
WELL 1 COMMENTS: Spud of a new well. <i>Entities added 2-7-97. Jee Entity previously added 13-4-9-16 (12054) Jee</i>											
A	99999	12065	43-013-31723	Monument Fed. #13-10-9-16	NE SE	10	9S	16E	Duchesne	1-25-97	
WELL 2 COMMENTS: Spud of a new well.											
A	99999	12066	43-013-31720	Monument Fed. #4-6-9-16Y	SE SE	6	9S	15E	Duchesne	12-30-96	12-30-96
WELL 3 COMMENTS: Spud of a new well.											
A	99999	12067	43-013-31715	Monument Fed. #34-31-8-16	SW SE	31	8S	16E	Duchesne	12-7-96	12-7-96
WELL 4 COMMENTS: Spud of a new well.											
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.

Molly Corrad
Signature
Operations Mgr. 2/7/96
Title Date

Phone No. ()

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. See attached listing
2. Name of Operator Equitable Resources Energy Company	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See attached listing	8. Well Name and No. See attached listing
	9. API Well No.
	10. Field and Pool, or Exploratory Area Monument Butte/Grn River
	11. County or Parish, State See attached listing

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

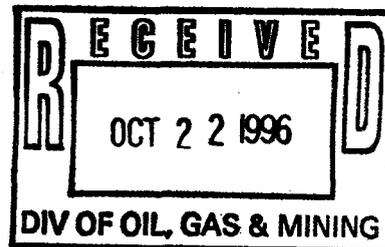
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input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

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

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

Attached are te paleontology reports which were done on proposed wellsites, access routes, and gasoline routes for the wells on the attached listing.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



14. I hereby certify that the foregoing is true and correct
Signed *Sobbie Schuman* Title Regulatory and Environmental Specialist Date October 21, 1996
Sobbie 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

**MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996**

1. (9)
Monument Federal #31-18-9-16Y
NW NE Section 18, T9S, R16E
Duchesne County, UT

660' FNL, 1980' FEL PROPOSED FOOTAGES
648' FNL, 1992' FEL ACTUAL FOOTAGES

Field: Monument Butte
FEDERAL LEASE #UTU- 74390
PTD: 6,500' (Green River formation)
GL: 5884.3' 6000'

2. (10)
Monument Federal #42-18-9-16Y
SE NE Section 18, T9S, R16E
Duchesne County, UT

1980' FNL, 500' FEL PROPOSED FOOTAGES
2007' FNL, 388' FEL ACTUAL FOOTAGES

Field: Monument Butte
FEDERAL LEASE #UTU- 74390
PTD: 6,500' (Green River formation)
GL: 6064.4' 5900'

3. (13)
Monument Federal #31-21-9-16Y

~~NW NE~~ Section 21, T9S, R16E N W N E
Duchesne County, UT

550' FNL, 2100' FEL PROPOSED FOOTAGES
537' FNL, 2146' FEL ACTUAL FOOTAGES

Field: Monument Butte
FEDERAL LEASE #UTU- 64379
PTD: 6,500' (Green River formation)
GL: 5943.3' 5650'

4. (14)
Monument Federal #21-22-9-16Y
NE NW Section 22, T9S, R16E
Duchesne County, UT

660' FNL, 1980' FWL PROPOSED FOOTAGES
673' FNL, 2046' FWL ACTUAL FOOTAGES

Field: Monument Butte
FEDERAL LEASE #UTU- 64379
PTD: 6,500' (Green River formation)
GL: 5875.3' 5700'

MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996

Monument Federal #22-6-9-16Y
SE NW Section 6, T9S, R16E
Duchesne County, UT
1980' FNL, 1980' FWL PROPOSED FOOTAGES
2011' FNL, 1869' FNL ACTUAL FOOTAGES
Field: Monument Butte
FEDERAL LEASE #UTU- 74390
PTD: 6,500' (Green River formation)
GL: *5863.5'* 6000'

Monument Federal #31-6-9-16Y
NW NE Section 6, T9S, R16E
Duchesne County, UT
660' FNL, 1980' FEL PROPOSED FOOTAGES
624' FNL, 1926' FEL ACTUAL FOOTAGES
Field: Monument Butte
FEDERAL LEASE #UTU- 74390
PTD: 6,500' (Green River formation)
GL: *5855.4'* 6000'

Monument Federal #32-6-9-16Y
SW NE Section 6, T9S, R16E *washdown*
Duchesne County, UT
2200' FNL, 1980' FEL PROPOSED FOOTAGES
2129' FNL, 1792' FEL ACTUAL FOOTAGES
Field: Monument Butte
FEDERAL LEASE #UTU- 74390
PTD: 6,500' (Green River formation)
GL: *5885.3'* 6000'

Monument Federal #41-6-9-16Y
NE NE Section 6, T9S, R16E
Duchesne County, UT
660' FNL, 660' FEL PROPOSED FOOTAGES
560' FNL, 656' FEL ACTUAL FOOTAGES
Field: Monument Butte
FEDERAL LEASE #UTU- 74390
PTD: 6,500' (Green River formation)
GL: *5802.7'* 6000'

Monument Federal #44-6-9-16Y
SE SE Section 6, T9S, R16E
Duchesne County, UT
800' FSL, 660' FEL PROPOSED FOOTAGES
816' FSL, 725' FEL ACTUAL FOOTAGES
Field: Monument Butte
FEDERAL LEASE #UTU- 74390
PTD: 6,500' (Green River formation)
GL: *5861.6'* 5950'

MONUMENT BUTTE AREA
PHASE 4 DRILLING
1996

34-31
Monument Federal #31-32-8-16
SW SE Section 31, T8S, R16E
Duchesne County, UT
660' FSL, 1980' FEL PROPOSED FOOTAGES
5. 722' FSL, 1970' FEL ACTUAL FOOTAGES ✓
Field: Monument Butte
FEDERAL LEASE #UTU- 74389
PTD: 6,500' (Green River formation)
GL: 5832.6' - 6050'

7
6. Monument Federal #13-4-9-16
NW SW Section 4, T9S, R16E
Duchesne County, UT
2050' FSL, 660' FWL PROPOSED FOOTAGES
2050' FSL, 660' FWL ACTUAL FOOTAGES ✓
Field: Monument Butte
FEDERAL LEASE #UTU- 73086
PTD: 6,500' (Green River formation)
GL: 5761.2' - 6000'

8
7. Monument Federal #31-8-9-16
NW NE Section 8, T9S, R16E
Duchesne County, UT
660' FNL, 1980' FEL PROPOSED FOOTAGES
520' FNL, 2076' FEL ACTUAL FOOTAGES ✓
Field: Monument Butte
FEDERAL LEASE #UTU- 20255
PTD: 6,500' (Green River formation)
GL: 5838' - 6000'

12
8. Monument Federal #33-10-9-16
NW SE Section 10, T9S, R16E
Duchesne County, UT
1980' FSL, 1980' FEL PROPOSED FOOTAGES
1980' FSL, 1980' FEL ACTUAL FOOTAGES ✓
Field: Monument Butte
FEDERAL LEASE #UTU- 72107
PTD: 6,500' (Green River formation)
GL: 5646.4' - 5800'

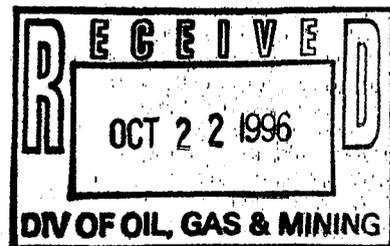
11
9. Monument Federal #43-10-9-16
NE SE Section 10, T9S, R16E
Duchesne County, UT
19800' FSL, 660' FEL PROPOSED FOOTAGES
1914' FSL, 722' FEL ACTUAL FOOTAGES ✓
Field: Monument Butte
FEDERAL LEASE #UTU- 72107
PTD: 6,500' (Green River formation)
GL: 5668.6' - 5800'

EQUITABLE RESOURCES ENERGY CO.
MONUMENT FEDERAL #34-31-8-16Y 42-013-31715
SW/SE SECTION 31, T8S, R16E, SLB&M
Duchesne County, Utah

PALEONTOLOGY REPORT
WELLPAD LOCATION, ACCESS ROAD, & GAS LINE

BY
ALDEN H. HAMBLIN
PALEONTOLOGIST
P.O. BOX 731
VERNAL, UTAH 84078

OCTOBER 14, 1996



RESULTS OF PALEONTOLOGY SURVEY AT EQUITABLE RESOURCES ENERGY CO. MONUMENT
FEDERAL #34-31-8-16, SW/SE Section 31, T8S, R16E, S.L.B.&M, Duchesne Co.,
Utah.

Description of Geology and Topography-

This well location is 9 miles south and 5 miles west of Myton, Utah, just west of Wells Draw. The proposed access road leaves an existing well (Wells Draw Fed 44-31) and goes west over a knoll and then hooks northwest, north and east on to the well location. The wellpad sits on a gentle north slope just over a low ridge. There is a high area to the east. Drainage is to the north and northwest. The well location is mostly covered with sand and rock fragments, but with intermittent exposures of brown sandstone, and brown and gray mudstone.

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

Paleontological material found -

No fossils were found on the wellpad, road or gas line.

Recommendations-

There is always some potential for encountering significant fossils when working in the Uinta Formation. If important looking fossil material is found during construction, a paleontologist should be called to evaluate it.

No other recommendations are being made for paleontology at this location.

Alden H. Hensley
Paleontologist

Date October 14, 1996



EQUITABLE RESOURCES
ENERGY COMPANY

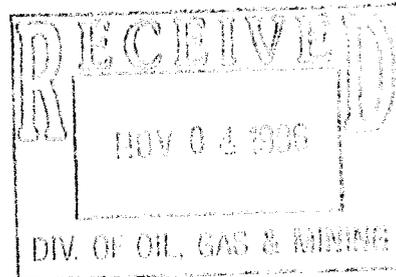
WESTERN REGION

1601 Lewis Avenue
Billings, MT 59102

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

October 31, 1996

Bureau of Land Management
170 South 500 East
Vernal, UT84078



Gentlemen:

Enclosed are archaeological reports which have been prepared for the following proposed wellsites and access routes:

Monument Federal #34-31-8-16, 31-6-9-16Y, 41-6-9-16Y, 22-6-9-16Y, and 44-6-9-16Y

Please consider this report to be part of the Application for Permit to Drill which has already been submitted.

Sincerely,

Bobbie Schuman
Regulatory Specialist

/hs

Enclosures

cc: Utah Division of Oil, Gas and Mining

**CULTURAL RESOURCE EVALUATION
OF SIX PROPOSED MONUMENT FEDERAL
WELL LOCATIONS IN THE
WELLS DRAW LOCALITY
OF DUCHESNE COUNTY, UTAH**

**Report Prepared for Equitable Resources Energy Company
(Units 34-31, 31-6, 41-6, 22-6, 32-6, & 44-6)**

**Dept. of Interior Permit No.: UT-96-54937
AERC Project 1550 (BLCR-96-9A)**

Utah State Project No.: UT-96-AF-0556b

**Principal Investigator
F. Richard Hauck, Ph.D.**

**Author of the Report
F. Richard Hauck**



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)**

**181 North 200 West, Suite 5
Bountiful, Utah 84011-0853**

October 28, 1996

ABSTRACT

An intensive cultural resource evaluation has been conducted for Equitable Resources Energy Company of six proposed Monument Federal well locations situated on federal administered lands in the Wells Draw locality of Duchesne County, Utah. This evaluation includes Monument Federal Units 34-31-8-16Y, 41-6-9-16Y, 44-6-9-16Y, 31-6-9-16Y, 32-6-9-16Y, and 22-6-9-16Y. This study involves a total of ca. 94 acres; 60 acres are associated with the six ten acre parcels examined around each of the well locations and 34 acres are associated with the ca. 2.84 miles of access routes and pipeline corridors associated with these six units. These investigations were conducted by Glade Hadden on October 24 through 26, 1996.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the development of the proposed well locations and associated access routes.

No newly identified prehistoric cultural resource locus were identified and recorded during the inventory.

No isolated, diagnostic artifacts were noted during the evaluations.

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

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GENERAL INFORMATION

On October 24 - 26, 1996, AERC archaeologist, Glade Hadden, conducted intensive cultural resource evaluations of six proposed Monument Butte well locations in the Wells Draw locality of Duchesne County, Utah (see Map 1). The purpose of this report is to detail the results of these evaluations, which include the Monument Federal Units 34-31-8-16Y, 41-6-9-16Y, 44-6-9-16Y, 31-6-9-16Y, 32-6-9-16Y, and 22-6-9-16Y (see Map 2) and various access routes and pipeline corridors associated with these six well sites. About 94 acres were examined which include 60 acres associated with the six ten acre well pad parcels and 34 acres associated with the cumulative 2.84 miles of 100 foot-wide access/pipeline corridors. All six proposed well locations are situated on federal lands administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations and access/pipeline corridors requires an archaeological evaluation in compliance with U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

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

Project Location

The project location is in the Wells Draw locality of Duchesne County, Utah. These six wells are situated on the Myton SW 7.5 minute topographic quad. in the following sections:

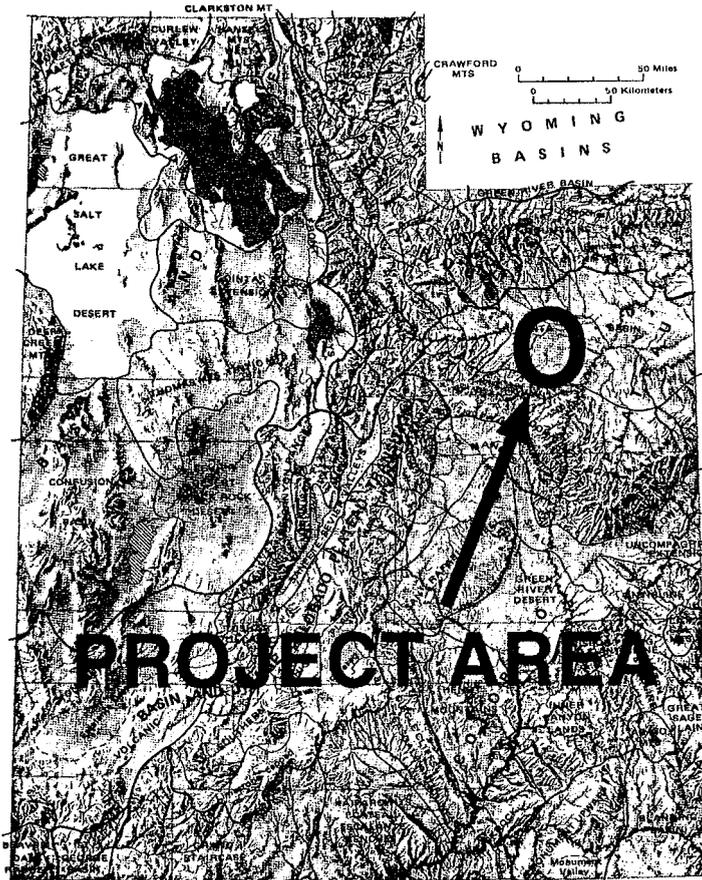
Monument Federal Unit 34-31-8-16Y (see Map 2) is in the southwest quarter of the southeast quarter of Section 31, Township 8 South, Range 16 East, Salt Lake B. & M. Its access/pipeline corridors link to an existing well to the east of the location.

Monument Federal Unit 31-6-9-16Y (see Map 2) is in the northwest quarter of the northeast quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M. Its access/pipeline corridor links to Unit 34-31 to the north of the proposed location.

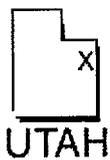
**MAP 1: GENERAL PROJECT LOCALITY
IN
DUCHESNE COUNTY
UTAH**



**PROJECT: BLCR - 96 - 9A
SCALE: see below
QUAD: see below
DATE: October 28, 1996**



UTAH GEOLOGICAL AND MINERAL SURVEY
MAP 43 1977
PHYSIOGRAPHIC SUBDIVISIONS OF UTAH
BY W.L. STOKES

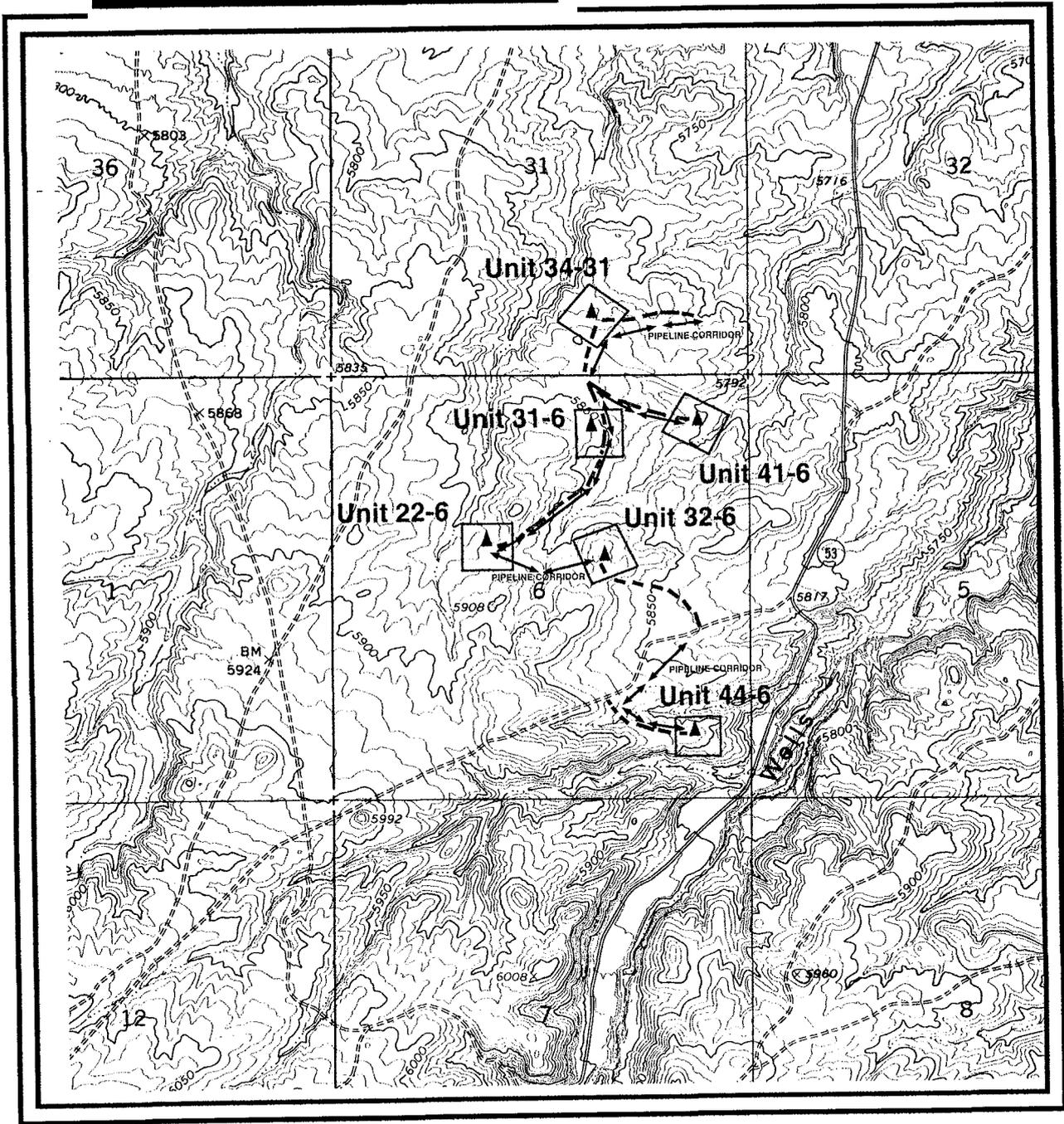


**TOWNSHIP: MULTIPLE
RANGE: MULTIPLE
MERIDIAN: SALT LAKE & UINTAH B. & M.**

**MAP 2: CULTURAL RESOURCE SURVEY
OF PROPOSED WELL LOCATIONS
IN THE WELLS DRAW LOCALITY OF
DUCHESNE COUNTY, UTAH**



PROJECT: BLCR - 96 - 9A
SCALE: 1:24,000
QUAD: Myton SW, Utah
DATE: October 28, 1996



LEGEND



TOWNSHIP: 8 & 9 South
RANGE: 16 East
MERIDIAN: Salt Lake B. & M.

Well Location
Access Route
Ten Acre
Survey Area



UTAH

Monument Federal Unit 41-6-9-16Y (see Map 2) is in the northeast quarter of the northeast quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M. Its access/pipeline corridor links to Unit 34-31 to the northwest of the proposed location.

Monument Federal Unit 22-6-9-16Y (see Map 2) is in the southeast quarter of the northwest quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M. Its access pipeline links to Unit 31-6 to the northeast of the proposed location.

Monument Federal Unit 32-6-9-16Y (see Map 2) is in the southwest quarter of the northeast quarter of Section 6, Township 9 South, Range 16 East, Salt Lake B. & M. Its access links to an existing roadway to the southeast of the proposed location; its pipeline corridor links to the west with Unit 22-6.

Monument Federal Unit 44-6-9-16Y (see Map 2) is in the southeast quarter of the southeast quarter of Section 6 Township 9South, Range 16East, Salt Lake B. & M. Its access/pipeline corridors link to an existing roadway to the north of the proposed location.

Environmental Description

The project area is within the 5750 to 5900 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project area.

The vegetation in the project area includes *Chrysothamnus spp.*, *Artemisia spp.*, *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus spp.*, *Atriplex canescens*, and a variety of grasses.

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

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on October 10, 1996. A similar search was conducted in the Vernal District Office of the BLM on July 31, 1996. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Wells Draw / Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf., Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994, 1995).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

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

Site density in certain portions of the region appears to range from one to four sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities

on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations of these six locations consisted of the archaeologist walking a series of 15 to 20 meter-wide transects within each ten acre parcel associated with each well pad zone and along a 100 foot-wide corridor centered on the flagged centerline for the six associated access routes and pipeline corridors as shown on Map 2. Thus, ca. 94 acres were inventoried relative to these proposed well locations of which 60 acres includes the six ten acre parcels and ca. 34 acres includes the cumulative 2.84 miles of access/pipeline corridors.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms.

In certain instances, the cultural sites are then evaluated for depth potential utilizing AERC's portable Ground Penetrating Radar (GPR) computerized system (SIR-2 computer manufactured by Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). GPR was not used during this project.

Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

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

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

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*

c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or

d. that have yielded, or may be likely to yield, information important in prehistory or history.

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

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

Results of the Inventory

No previously recorded cultural resource loci of historic or prehistoric affiliation will be adversely affected by the proposed development of these six proposed well locations and access/pipeline routes.

No diagnostic isolated artifacts were observed and recorded during the evaluations.

No paleontological sites or materials of significance were observed during these evaluations.

No prehistoric or historic activity loci were observed during the inventory.

CONCLUSION AND RECOMMENDATIONS

No cultural resources of significance are situated within the proposed development zone associated with these six well locations and their access/pipeline corridors.

AERC recommends that a cultural resource clearance be granted to Equitable Resources Energy Company relative to the development of these six proposed wells and associated corridors based upon adherence to the following stipulations:

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



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

REFERENCES

Fike, Richard E. and H. Blaine Phillips II

- 1984 *A Nineteenth Century Ute Burial from Northeast Utah. Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.*

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation, Bountiful.
- 1982 Cultural Resource Inventory of Five Proposed Well Locations and Access Roads in the Eightmile Flat and Castle Peak Localities of Uintah and Duchesne Counties, Utah. Report Prepared for Diamond Shamrock, DS-82-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1984a "Excavation" (in) *A Nineteenth Century Ute Burial from Northeast Utah. Cultural Resource Series No. 16, Bureau of Land Management, Salt Lake City.*
- 1984b Cultural Resource Evaluations of Seven Proposed Well Locations Situated in the Castle Peak Draw Locality of Uintah County, Utah. Report Prepared for Overthrust Oil and Royalty Company, OORC-84-1, Archaeological-Environmental Research Corporation, Bountiful.
- 1987 Cultural Resource Evaluation of Two Seismic Line Corridors in the Leland Bench - Pariette Draw Locality of Uintah County, Utah. Report prepared for Arma Geophysical Company, AGC-97-6), Archeological-Environmental Research Corporation, Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation, Bountiful.

- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation, Bountiful.
- 1992c Cultural Resource Evaluations of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-5, Archeological-Environmental Research Corporation, Bountiful.
- 1992d Cultural Resource Evaluation of a Proposed Water Pipeline Corridor in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-6, Archeological-Environmental Research Corporation, Bountiful.
- 1992e Cultural Resource Evaluation of Seven Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-8, Archeological-Environmental Research Corporation, cf., Bountiful.
- 1993a Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-1, Archeological-Environmental Research Corporation, Bountiful.
- 1993b Addendum to Cultural Resource Evaluation of Nine Proposed Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-2, Archeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of a Pipeline Corridor Situated in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-3, Archeological-Environmental Research Corporation, Bountiful.
- 1996a Cultural Resource Evaluation of Four Proposed Well Locations and Access Routes in the Castle Peak Draw Locality -- Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-95-8A, Archeological-Environmental Research Corporation, Bountiful.
- 1996b Cultural Resource Evaluation of 13 Proposed Well Locations and Access Routes in the Castle Peak Draw Locality of Uintah and Duchesne Counties, Utah. Report

prepared for Balcron Oil Company, BLCR-95-8B, Archeological-Environmental Research Corporation, Bountiful.

- 1996c Cultural Resource Evaluation of Two Proposed Well Locations and Access Routes in the Wells Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-96-1, Archeological-Environmental Research Corporation, Bountiful.
- 1996d Cultural Resource Evaluation of 11 Proposed Monument Federal Well Locations in the Wells Draw, Castle Peak Draw, Pariette Bench Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-96-2, Archeological-Environmental Research Corporation, Bountiful.
- 1996e Cultural Resource Evaluation of Three Proposed Pipeline Corridor Complexes in the Castle Peak Draw - Pariette Bench Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-96-3, Archeological-Environmental Research Corporation, Bountiful.
- 1996f Cultural Resource Evaluation of 5 Proposed Monument Well Locations in the Wells Draw, Pariette Bench, Eightmile Flat, and Big Wash Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-96-5A, Archeological-Environmental Research Corporation, Bountiful.
- 1996g Cultural Resource Evaluation of Two Proposed Monument Well Locations in the Eightmile Flat Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-96-5B, Archeological-Environmental Research Corporation, Bountiful.
- 1996h Cultural Resource Evaluation of Two Proposed Monument State Well Locations in the Castle Peak Draw Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-96-6, Archeological-Environmental Research Corporation, Bountiful.
- 1996i Cultural Resource Evaluation of Five Proposed Monument Federal Well Locations in the Pariette Bench Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-96-7, Archeological-Environmental Research Corporation, Bountiful.

Hauck, F. Richard and Glade Hadden

- 1993a Cultural Resource Evaluation of Seven Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-4, Archaeological-Environmental Research Corporation, Bountiful.

- 1993b Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-5, Archaeological-Environmental Research Corporation, Bountiful.
- 1993c Cultural Resource Evaluation of Eight Proposed Well Locations in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-93-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1993d Cultural Resource Evaluation of Four Proposed Well Locations in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah.
- Report prepared for Balcron Oil Company, BLCR-93-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1993e Cultural Resource Evaluation of Seven Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-93-11, Archaeological-Environmental Research Corporation, Bountiful.
- 1994a Cultural Resource Evaluation of Eight Proposed Wells in the Pleasant Valley Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-3 Archaeological-Environmental Research Corporation, Bountiful.
- 1994b Cultural Resource Evaluation of Proposed Water Injection Line Lateral Segments in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-94-4, Archaeological-Environmental Research Corporation, Bountiful.
- 1994c Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Pariette Draw - Castle Peak Draw - Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-9, Archaeological-Environmental Research Corporation, Bountiful.
- 1994d Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Castle Peak Draw and Eight Mile Flat Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-10, Archaeological-Environmental Research Corporation, Bountiful.
- 1994e Cultural Resource Evaluation of Two Proposed Balcron Monument State Well

Locations and Access Routes in the Castle Peak Draw Locality of Uintah County, Utah. Report prepared for Balcron Oil Company, BLCR-94-10b, Archaeological-Environmental Research Corporation, Bountiful.

1994f Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-94-11, Archaeological-Environmental Research Corporation, Bountiful.

1995a Cultural Resource Evaluation of Proposed Well Locations and Access Routes in the Monument Buttes Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-95-1 & 2, Archaeological-Environmental Research Corporation, Bountiful.

1995b Cultural Resource Evaluation of a Series of Proposed Water Return Pipeline Routes in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-95-7, Archaeological-Environmental Research Corporation, Bountiful.

Hauck, F.R. and G. Norman

1980 Final Report on the Mapco River Bend Cultural Mitigation Study. AERC Paper No. 18, of the Archeological-Environmental Research Corporation, Bountiful.

Hauck, F.R. and Dennis Weder

1989 Pariette Overlook -- A Paleo-Indian Quarry Site in the Pariette Draw Locality of Uintah County, Utah. AERC Paper No. 42, of the Archaeological-Environmental Research Corporation, Bountiful.

Stokes, W.L.

1977 Physiographic Subdivisions of Utah. Map 43, Utah Geological and Mineral Survey, Salt Lake City.

U.S. Department of the Interior
Bureau of Land Management
Utah State Office
(AERC FORMAT)

Project Authorization U.9.6.A.F.0.5.5.6.b.

Report Acceptable Yes ___ No ___

Mitigation Acceptable Yes ___ No ___

Comments: _____

Summary Report of
Inspection for Cultural Resources

SIX WELL LOCATIONS IN THE WELLS
DRAW LOCALITY OF DUCHESNE CO.

1. Report Title
Equitable Resources Energy Corp.

2. Development Company _____

3. Report Date 10 28 1996 UT-96-54937
AERC BLCR - 96 - 9

4. Antiquities Permit No. _____
5. Responsible Institution County Duchesne

6. Fieldwork

Location: TWN .0.8.S. . RNG .1.6.E. . Section.31,
TWN .0.9.S. . RNG .1.6.E. . Section 6

7. Resource Area .DM.

8. Description of Examination Procedures: The archeologist, Glade Hadden, intensively examined the proposed well locations, access routes, and pipeline corridors by walking 10 to 15 meter-wide transects in the ten acre parcels and along the 100 foot-wide access/pipeline corridors centered on the flagged center-line.

9. Linear Miles Surveyed 2 . 8 4
and/or
Definable Acres Surveyed
and/or
Legally Undefinable Acres Surveyed 9 4
10. Inventory Type I
R = Reconnaissance
I = Intensive
S = Statistical Sample

11. Description of Findings: No archaeological sites were identified and recorded during this survey.
12. Number Sites Found .0. (No sites = 0)
13. Collection: .N.
(Y = Yes, N = No)

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

15. Literature Search, Location/ Date: Utah SHPO 10-10-96 Vernal BLM 8-13-96

16. Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Equitable Resources Energy Company for the proposed developments based on the following stipulations:

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

17. Signature of Administrator & Field Supervisor

Administrator:

Field
Supervisor:





State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

November 14, 1996

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, Montana 59102

Re: Monument Federal 34-31-8-16 Well, 723' FSL, 1970' FEL,
SW SE, Sec. 31, T. 8 S., R. 16 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31715.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. J. Firth'.

R. J. Firth
Associate Director

lwp

Enclosures

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



Operator: Equitable Resources Energy Company
Well Name & Number: Monument Federal 34-31-8-16
API Number: 43-013-31715
Lease: UTU-74389
Location: SW SE Sec. 31 T. 8 S. R. 16 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

CONFIDENTIAL
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

CONFIDENTIAL

LEASE DESIGNATION AND SERIAL NO.
UTU-74389

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Equitable Resources Energy Company

3. ADDRESS OF OPERATOR
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 SW SE Section 31, T8S, R16E 723' FSL, 1970' FEL
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
From Myton, Utah approximately 10 miles SW

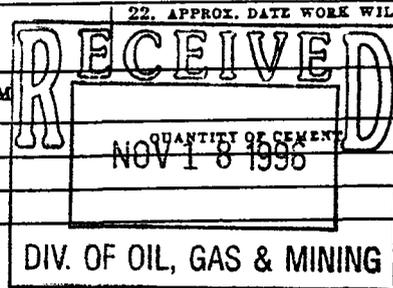
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
6,050'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 5832.6'

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
See Drilling Program/Casing Design			



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

7. UNIT AGREEMENT NAME
n/a

8. FARM OR LEASE NAME
Monument Federal

9. WELL NO.
34-31-8-16

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

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA
Sec. 31, T8S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
UTAH

17. NO. OF ACRES ASSIGNED TO THIS WELL

20. ROTARY OR CABLE TOOLS
Rotary

22. APPROX. DATE WORK WILL START*

Operator plans to drill this well in accordance with the attached EXHIBITS. A listing of EXHIBITS is also attached.

RECEIVED
SEP 30 1996

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.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and 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. SIGNED Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE September 25, 1996

(This space for Federal or State office use)

PERMIT NO. 43-013-31715 APPROVAL DATE

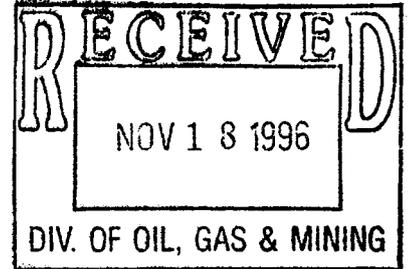
APPROVED BY [Signature] TITLE Assistant Field Manager DATE NOV 15 1996
CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

U4080-6m-218

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL



Company/Operator: Equitable Resources Energy Company

Well Name & Number: Equitable Monument Federal 34-31-8-16

API Number: 43-013-31715

Lease Number: U - 74389

Location: SWSE Sec. 31 T. 8S R. 16E

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 **prior to setting the next casing string or requesting plugging orders**. Faxed 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 Field Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at 647 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal Field 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 447 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 Field 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.

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 on initial 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 Field 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 (801) 789-7077
Petroleum Engineer

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

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL

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

Plans For Reclamation Of Location

When reclaiming the reserve pit, the pit liner will be torn and perforated before backfilling the reserve pit and the torn liner will be buried a minimum of four (4) feet deep. If this is a producing well and after the reclamation of the reserve pit, and unused disturbed areas, contact the authorized office to obtain a seed mixture to revegetate these specific areas.

At time of final abandonment the intent of reclamation will be to return the disturbed area to near natural conditions. Recontour the surface of the disturbed area to **blend all cuts, fills, road berms, and borrow ditches to be natural in appearance** with the surrounding terrain. After recontouring of the area any stockpiled topsoil will be spread over the surface, and the area reseeded and revegetated to the satisfaction of the authorized officer of the BLM. Contact the authorized officer of the BLM at the time of reclamation for the required seed mixture.

Other Information

The operator or their contractor shall contact the BLM office at (801)789-1362, 48 hours prior to construction activities.

SAGE GROUSE

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road or location from March 1 through June 30. This restriction is to protect the nesting of sage grouse that may be utilizing the area habitat.

MOUNTAIN PLOVERS & BURROWING OWLS

No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect the nesting Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this restriction may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

An example of an exception: could be to contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

RAPTOR NESTING

If this is a producing well, to protect potential nesting raptor species in the area the operator shall install a high quality muffler to limit the noise impacts in the area.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: EQUITABLE RESOURCES

Well Name: MONUMENT FEDERAL 34-31-8-16

Api No. 43-013-31715

Section 31 Township 8S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig #: 17

SPUDDED:

Date: 12/7/96

Time: 8:00 AM

How: ROTARY

Drilling will commence: _____

Reported by: D. INGRAM

Telephone #: _____

Date: 12/9/96 Signed: JLT

✓ ✓

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:
 Well File Mended Suspense Other
34-31-8-164 (Return Date) _____
(Location) Sec 3 / Twp 8 / Rng 16E (To - Initials) _____
(API No.) 43-013-31715 _____

1. Date of Phone Call: 12-12-96 Time: 9:00 AM

2. DOGM Employee (name) Frank Matthews (Initiated Call)
Talked to:
Name Dave McCroskey (Initiated Call - Phone No. ()
of (Company/Organization) Equitable Resource

3. Topic of Conversation: Death of my hand
on Union 17. ~~to~~

4. Highlights of Conversation: Working on mud pump
removed guard to tighten belts on
rod oils. Duller went on floor
& told everyone to stand clear
& held back pump in. Some way
my hand got in belts.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Equitable Resources Energy Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SW SE Section 31, T8S, R16E
 723' FSL, 1970' FEL

5. Lease Designation and Serial No.
 UTU-74389

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

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

8. Well Name and No.
 Monument Fed. #34-31-8-16

9. API Well No.
 43-013-31715

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

11. County or Parish, State
 Duchesne Co., UTAH

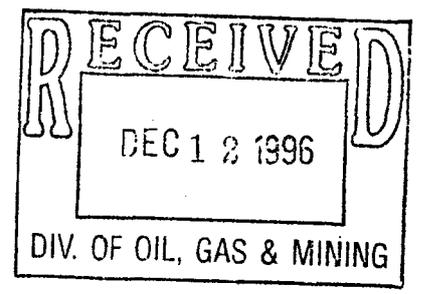
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>spud of well</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

This well was spud at 8 a.m. 12/7/96.

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining



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

Signed Bobbie Schuman Title Regulatory and Environmental Specialist Date December 9, 1996

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-74389

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

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Equitable Resources Energy Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SW SE Section 31, T8S, R15E
723' FSL, 1970' FEL

8. Well Name and No.
Monument Fed. #34-31-8-16

9. API Well No.
43-013-31715

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

11. County or Parish, State
Duchesne Co., UTAH

CONFIDENTIAL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>1st production</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

This well started pumping on 1/22/97.

CONFIDENTIAL

ORIGINAL: Bureau of Land Management (Vernal, UT)
COPY: Utah Division of Oil, Gas and Mining

RECEIVED
JAN 27 1997
DIV. OF OIL, GAS & MINING

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

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

Title Regulatory and Environmental Specialist

Date January 23, 1997

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. REVR. Other

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY

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 723' FSL & 1970' FEL
 At top prod. interval reported below
 At total depth

CONFIDENTIAL

14. PERMIT NO. 43-013-31715 DATE ISSUED 11-14-96

15. DATE SPUDDED 12-7-96 16. DATE T.D. REACHED 12-18-96 17. DATE COMPL. (Ready to prod.) 1-22-97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5823' GL 19. ELEV. CASINGHEAD n/a
 20. TOTAL DEPTH, MD & TYD 6050' 21. PLUG, BACK T.D., MD & TYD 5995' 22. IF MULTIPLE COMPL., HOW MANY* n/a 23. INTERVALS DRILLED BY SFC-TD ROTARY TOOLS SFC-TD CABLE TOOLS n/a

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TYD)*
5113'-5650' Green River
 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
 TLD/CNT CNL/GR
 mud log 12-20-96
 DLL linear core GR GRASTER SPEC GR/CBL

23. 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#	261.55' KB	12-1/4"	160 sxs "G" w/additives	NONE
5-1/2"	15.5#	6042.88' KB	7-7/8"	290 sxs "G" + 385 sxs 50/50 poz w/additives	NONE

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"	5068.05' KB	n/a

31. PERFORATION RECORD (Interval, size and number)

5113'-15' (4 SPF)	5473'-75' (2 SPF)
5164'-68' (4 SPF)	
5204'-07' (4 SPF)	
5242'-57' (2 SPF)	
5638'-57' (2 SPF)	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
 DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
 (SEE ATTACHMENT FOR DETAILS)

CONFIDENTIAL

33. PRODUCTION

DATE FIRST PRODUCTION 1-22-97 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 1-1/2" Insert Pump WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-2-97	24	n/a		10	50	0	5 MCF/BBL

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
n/a	n/a		10	50	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.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
 SIGNED Dobbie Schuman TITLE Regulatory Specialist DATE 3-25-97

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			NO DST's run./	2nd Garden Gulch Yellow Marker Douglas Creek 2nd Douglas CRK. Green Marker Carbonate Marker	4118' 4760' 4911' 5150' 5289' 5824'	4118' 4760' 4911' 5150' 5289' 5824'

**ATTACHMENT TO COMPLETION REPORT
MONUMENT FEDERAL #34-31-8-16
SW SE SECTION 31, T8S, R16E
DUCHESNE COUNTY, UTAH**

<u>DEPTH INTERVAL</u>	<u>AMOUNT AND KIND OF MATERIAL USED</u>
5113'-5115'	Breakdown with 1,554 gallons 2% KCL water. Fracture with 22,806 gallons 2% KCL gelled water, 25,790# 20/40 mesh sand and 37,210# mesh sand.
5164'-5168'	Breakdown with 2,016 gallons 2% KCL water. Fracture with 22,806 gallons 2% KCL gelled water, 25,790# 20/40 mesh sand and 37,210# mesh sand.
5204'-5207'	Breakdown with 2,604 gallons 2% KCL water. Fracture with 22,806 gallons 2% KCL gelled water, 25,790# 20/40 mesh sand and 37,210# mesh sand.
5242'-5257'	Breakdown with 2,604 gallons 2% KCL water. Fracture with 22,806 gallons 2% KCL gelled water, 25,790# 20/40 mesh sand and 37,210# mesh sand.
5473'-5475'	Breakdown with 1,596 gallons 2% KCL water. Fracture with 17,976 gallons 2% KCL gelled water, 12,350 # 20/40 mesh sand and 30,409# 16/30 mesh sand.
5638'-5650'	Breakdown with 1,932 gallons 2% KCL water. Fracture with 17,976 gallons 2% KCL gelled water, 12,350# 20/40 mesh sand and 30,409# 16/30 mesh sand.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. UTU-74389
2. Name of Operator EQUITABLE RESOURCES ENERGY COMPANY	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. 1601 Lewis Avenue Billings, MT 59102 (406)259-7860	7. If Unit or CA, Agreement Designation n/a
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW SE Section 31, T8S, R16E 723' FSL & 1970' FEL	8. Well Name and No. Mon. Fed. #34-31-8-16
	9. API Well No. #43-013-31715
	10. Field and Pool, or Exploratory Area Mon. Butte/Green River
	11. County or Parish, State Duchesne County, Utah

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

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

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

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

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

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

Signed Robbie Schuman Title Regulatory Specialist Date 3-25-97

(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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-74389

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Mon. Fed. #34-31-8-16

9. API Well No.

43-013-31715

10. Field and Pool, or Exploratory Area

Mon. Butte/Grn. River

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY

3. Address and Telephone No.

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

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

SW SE Section 31, T8S, R16E
723' FSL & 1970' FEL

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

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

(Note: Report results of multiple completion on V Completion or Recompletion Report and Log for)

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 A SITE SECURITY DIAGRAM FOR THIS WELL.

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

Signed Bobbie Schuman

Title Regulatory Specialist

Date 3-25-97

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

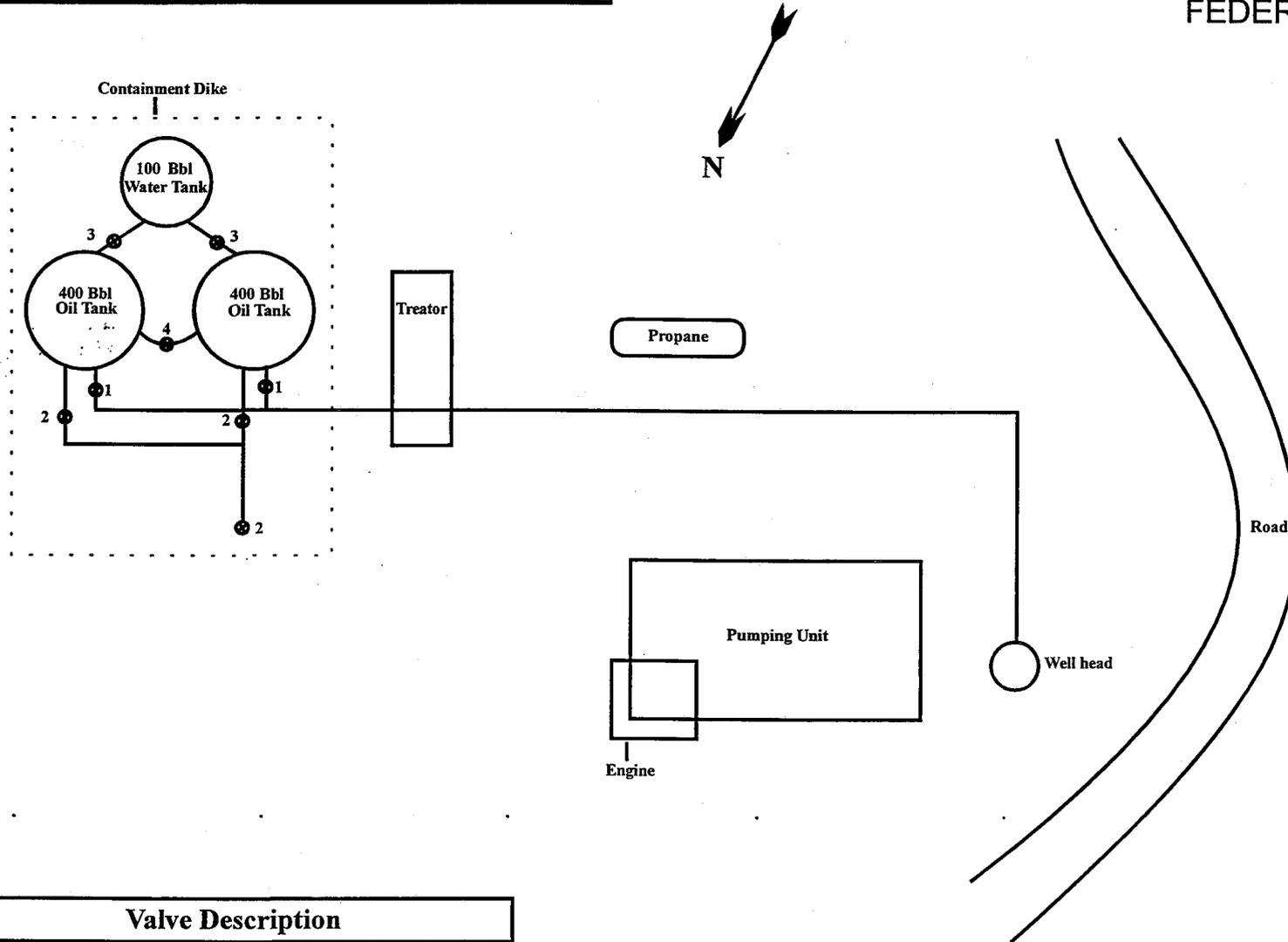
Title _____ Date _____

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

*See Instruction on Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY
 Monument Federal 34-31-8-16
 PRODUCTION FACILITY DIAGRAM

Monument Federal 34-31-8-16
 SW SE SEC 31, T8S R16E
 DUCHESNE COUNTY, UTAH
 FEDERAL LEASE #UTU-74389



Valve Description			
	During Prod.	During Sale	During Water Drain
Valve #1	Open	Closed	Closed
Valve #2	Closed	Open	Closed
Valve #3	Closed	Closed	Open
Valve #4	Open	Closed	Closed

Diagram Not To Scale



PLAN LOCATED AT:

**EQUITABLE RESOURCES
 ENERGY COMPANY**
 Western Region

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

March 19, 1997

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #34-31-8-16Y

Location: NW SE Section 31, T8S, R16E
Duchesne County, Utah
Monument Butte Field
723' FSL, 1970' FEL

---TIGHT HOLE---

PTD: 6050' Formation: Green River

API #

Elevations: 5832.6' GL

Contractor: Union Drilling

Operator: EREC/Western Region

Spud:

Casing:

Tubing:

PTD: 6050' Formation: Green River

12/7/96 Move Rig to site.

12/8/96 TD: 280' (280') Day 1

Present Operation: WO Cement

Finished rigging up, drilled and set rat hole. Drilled 17-1/2" hole to 27', set 1 jt 13-3/8" conductor. Nipped up and drilled 12-1/4" hole to 280'. Spud at 8 a.m. 12/7/96. Cleaned hole. Tripped out, nipped down. Ran 8-5/8", J-55, 24# csg as follows:

Shoe	.90'
Shoe jt	42.10'
Baffle plate	0.00'
5 jts csg	208.55'
Total csg length	251.55'
Landing jt	10.00'
Depth landed	261.55' KB

Cemented by BJ Service w/160 sxs "G" + 2% CaCl₂ + 1/4#/sx Cello Flake. Plug down @ 1:30 AM. Presently waiting on cement.

DC: \$5,040

CC: \$5,040

12/9/96 TD: 1,424' (1,144') Day 2

Present Operation: Drill 7-7/8" hole.

Last 24 hours WO cement. Broke out landing joint, nipped up on 8-5/8" casing. Pressure tested BOP and choke, tripped in hole. Blew water, drilled cement w/plug and shoe. Drilled 7-7/8" hole from 280' to 1,144' w/air and foam. Ran surveys @ 600' - 1/2° & 1050' - 3/4°.

DC: \$20,592

CC: \$25,632

12/10/96 TD: 3,158' (1,734') Day 3

Present Operation: Drilling 7-7/8" hole

Drilled 7-7/8" hole w/air & foam from 1424'-3158', serviced rig. Ran surveys at 2500' - 1-1/2° and 3000' - 1-1/4°.

DC: \$31,212

CC: \$56,844

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #34-31-8-16Y

Operator: EREC Western Region
Location: SW SE Section 31, T8S, R16E
Duchesne County, Utah
Prospect: Monument Butte Field
PTD: 6050' Green River Oil - Dev.

---TIGHT HOLE

- 12/11/96 TD: 4191' (1033') Day 4
Present Operation: Trip In Hole w/Bit #4
Drilled 1033' of 7-7/8" hole from 3158' to 4191' with air and foam. Loaded and circulated hole w/fluid. Tripped out, PU motor & bit #4. Presently tripping in hole. Ran surveys @ 3525' - 1-1/2° and 4191' - 1-1/2°. DC: \$18,594 CC: \$75,438
- 12/12/96 Temporary shut down due to accident.
- 12/13/96 Temporary shut down due to accident.
- 12/14 - 12/16 Well shut down due to accident. Drilling expected to resume on 12/17/96.
- 12/18/96 TD: 6050' (832') Day 6
Present Operation: Circulate Hole
Start up rig. Drill 832' of 7-7/8" hole. TD well @ 6050'. Circulate hole to TOOH to complete well. DC: \$14,976 CC: \$90,414
- 12/19/96 TD: 6050' (0') Day 7
Present Operation: Rigging Down
Circulate hole, TOOH, LD drill pipe & collars. Log well, run csg and cement 6032' csg w/675 sxs cement w/BJ Services. Plug down @ 1:00 AM. Detailed report to follow 12/20/96.
- 12/19/96 Completion
Detail on 5-1/2", J-55, 15.5# casing:
- | | |
|------------------|--------------|
| Shoe | .90' |
| Shoe Jt. | 42.40' |
| Float Collar | 1.10' |
| 142 jts csg | 5988.48' |
| Total Csg Length | 6032.88' |
| Landing Jt. | 10.00' |
| Depth Landed | 6042.88' KB |
| PBTD | 5998.48' KB. |
- 5-1/2" Casing Cement: Lead - 290 sxs premium lite plus + 10% gel + 6#/sx BA-91 + .5% sod metas + 2#/sx Kol-seal + 1/4#/sx Cello Flake. Tail - 385 sxs 50/50 poz + 2% gel + 1/4#/sx Cello Flake + 2#/sx Kol-seal. Plug down @ 1:00 AM, release rig @ 5:00 AM.

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #34-31-8-16Y

Operator: EREC Western Region
EREC WI: 50%
Location: SW SE Section 31, T8S, R16E
Duchesne County, Utah
Prospect: Monument Butte Field
PTD: 6050' Green River Oil - Dev.

---TIGHT HOLE

- 12/19/96 Completion
Dress up location, set rig anchors, set rig tank & pump. MIRU Cannon Well Service Rig #2. NU 5-M well head, NU BOP.
- 12/20/96 Completion
TIH w/4-3/4" bit, csg scrapper & 196 jts 2-7/8" tbg. Tag PBSD @ 5995' KB. Circulate hole clean w/145 bbls 2% KCL wtr. Press test csg to 1000 psi, OK. TOOH w/tbg & tools. SWIFD.
DC: \$4,140 CC: \$94,554
- 12/21/96 Completion
RU Cutter Wire Line. Run CBL, perforate @ 5473' - 5475', 2-SPF; 5638' - 5650', 1-SPF. Log from 5980' to 250'. TOC @ 490', RD Cutter Wire Line. TIH w/5-1/2" BP, retrieving tool, 2-3/8" x 4' sub, 5-1/2" HD pkr, SN & 178 jts tbg. Set BP @ 5513' KB, pkr @ 5440' KB, EOT @ 5447' KB. RU BJ Services & break down 5473' - 5475' w/1596 gals 2% KCl wtr. ATP = 3550 psi, ATR = 3 bpm, ISIP = 2850 psi. Release pkr & BP. Reset BP @ 5696' KB, pkr @ 5623' KB, EOT @ 5630' KB. RU BJ Services & break down 5638' - 5650' w/1932 gals 2% KCL wtr. ATP = 2700 psi, ATR = 3.6 bpm, ISIP = 1700 psi. RD BJ Services. Release pkr, run past perms. TOOH w/184 jts 2-7/8" tbg, SN, HD pkr, 2-7/8" x 4' sub & retrieving tool. Flowed back 20 bbls wtr. SWIFN.
DC: \$7,590 CC: \$102,144
- 12/23/96 Completion
RU BJ Services to frac 5638' - 5650' & 5473' - 5475' w/17,976 gals 2% KCL gelled wtr, 12,350 lbs 20/40 mesh sand & 30,409 lbs 16/30 mesh sand. ATP = 3000 psi, ATR = 36, ISIP = 2420 psi, 5 min = 2210 psi, 10 min = 2020 psi, 15 min = 1940 psi, 30 min = 1830 psi. Used 428 bbls wtr. Start forced closure. Flow back @ 1 bpm. Flowed back 242 bbls wtr. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, SN & 176 jts 2-7/8" tbg. Tag sand @ 5438' KB. Circulate clean down to BP @ 5696' KB. Pull up & set pkr @ 5440' KB, EOT @ 5447' KB. SWIFN.
DC: \$30,705 CC: \$132,849
- 12/24/96 Completion
Swab well. Made 32 swab runs & recovered 155 bbls wtr & 2 bbls oil. Fluid level @ 2700' on last 2 runs. 1% oil, good gas, trace of sand. SWIFN.
DC: \$1,814 CC: \$134,663
- 12/26/96 Completion
Swab would go. Pump 10 bbls hot 2% KCL wtr down tbg. Swab well, made 25 swab runs. Recovered 119 bbls wtr & 4 bbls oil. Fluid level was @ 3050' on last 3 runs. 15% oil, good gas & no sand. Release pkr. Tag sand @ 5609'. Circulate clean down to BP @ 5696' KB. 15 bbls to fill hole. Reset BP @ 5882' KB. TOOH w/190 jts 2-7/8" tbg, SN, HD pkr, 2-3/8" x 4' sub & retrieving tool. SWIFN.
DC: \$2,170 CC: \$136,833

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #34-31-8-16Y

---TIGHT HOLE---

Operator: EREC Western Region
Location: SW SE Section 31, T8S, R16E
Duchesne County, Utah
Prospect: Monument Butte Field
PTD: 6050' Green River Oil - Dev.

- 12/27/96 Completion
RU Cutter Wire Line. Run after frac Gamma Ray Log. RU to perforate @ 5113' - 5115', 4 SPF; 5164' - 5168', 4 SPF; 5004' - 5007', 4 SPF; 5242' - 5257', 2 SPF. RD Cutter. Tih w/retrieving tool, 2-3/8" x 4' sub, HD pkr, SN & 190 jts 2-7/8" tbg. Release BP, reset BP @ 5144' KB. Set pkr @ 5071' KB, EOT 5078' KB. RU BJ Services & break down 5113' - 5115' w/1554 galse 2% KCL wtr, ATP = 2500 psi, ATR = 4.7 bpm, ISIP = 1575 psi. Used 37 bbls wtr. Reset BP @ 5175' KB, pkr @ 5133' KB, EOT @ 5141' KB. Break down 5164' - 5168' w/2016 gals 2% KCL wtr, ATP = 2300 psi, ATR = 4.7 bpm, ISIP = 1500 psi. Used 48 bbls wtr. Reset BP @ 5327' KB, pkr @ 5190', EOT @ 5197'. Break down 5204' - 5207' & 5242' - 5257' w/2604 gals 2% KCl wtr, ATP = 2680 psi, ATR = 4.6 bpm, ISIP = 850 psi. Used 62 bbls wtr. Flowed back 25 bbls wtr. Release pkr, run past perfs. TOOH w/168 jts 2-7/8" tbg, SN, HD pkr, 2-3/8" x 4' sub & retrieving tool. SWIFN.
DC: \$6,470 CC: \$143,303
- 12/28 - 12/29 Well SI for weekend.
- 12/30/96 Completion
RU BJ Services to frac 5113' - 5115', 5164' - 5168', 5204' - 5207', & 5242' - 5257'. Used 22,806 gals 2% KCL gelled wtr, 25,790 lbs 20/40 mesh sand & 37,210 lbs 16/30 mesh sand. ATP = 2500 psi, ATR = 40 bpm, ISIP = 2200 psi, 5 min = 1620 psi, 10 min = 1540 psi, 15 min = 1450 psi, 30 min = 1260 psi. Used 543 bbls wtr. Start forced closure, flow back @ 1 bpm. Flowed back 240 bbls wtr. TIH w/retrieving tool, 2-3/8" x 4' sub, HD pkr, SN & 168 jts 2-7/8" tbg. Tag sand @ 5170' KB. Circulate clean down to BP @ 5327' KB. Pull up & set pkr @ 5071' KB, EOT @ 5078' KB. RU to swab. SWIFN.
DC: \$51,652 CC: \$194,955
- 12/31/96 Completion
Swab well. Made 40 swab runs. Recovered 193 bbls wtr, 3 bbls oil. Fluid level was @ 2850' on last 10 runs. 5% oil, good gas & trace of sand. SWIFN.
DC: \$2,057 CC: \$197,012
- 01/01/97 Well SI for holiday.

EREC, Western Region
DAILY OPERATING REPORT

MONUMENT FEDERAL #34-31-8-16Y

---TIGHT HOLE---

Operator: EREC Western Region
Location: SW SE Section 31, T8S, R16E
Duchesne County, Utah
Prospect: Monument Butte Field
PTD: 6050' Green River Oil - Dev.

01/02/97

Completion

Swab well. Made 16 swab runs. Recovered 72 bbls wtr & 8 bbls oil. Fluid level @ 200' on last 2 runs. 30% oil, good gas & no sand. Release pkr. Tag sand @ 5288' KB. Circulate cleand down & BP @ 5327' KB. 1 bbl to load hole. Release BP, TOOH 2/172 jts tbg, SN, HD pkr, 2-3/8" x 4' sub, retrieving tool & BP. TIH w/notched collar w/pin, 1 jt 2-7/8" tbg, 2-7/8" x 4' perf sub, 2-7/8" SN, 20 jts 2-7/8" tbg, 5-1/2" tbg anchor & 164 jts 2-7/8" tbg. Set anchor w/12" tension. ND BOPs & 5000# well head. NU 3000# well head. SWIFN. Tbg string configuration:

	<u>LENGTH</u>	<u>DEPTH KB</u>
1 - Notched-pinned collar, 2-7/8"	.40'	5720.38'
1 - jt 2-7/8" EUE J-55 8rd 6.5#	28.22'	5719.98'
1 - perf sub, 2-7/8"	4.20'	5691.76'
1 - SN, 2-7/8"	1.10'	5687.56'
20 - jts 2-7/8" EUE J-55 8rd 6.5#	615.65'	5686.46'
1 - tbg anchor 2-7/8" x 5-1/2" (TRICO)	2.75'	5070.81'
164 - jts 2-7/8" EUE J-55 8rd 6.5#	5058.06'	5068.05'
KB	10.00'	

DC: \$17,637

CC: \$214,649

01/03/97

Completion

TIH w/production string (rods) as follows:

- 1 - DHP, 2-1/2 x 1-1/2 x 16' RWAC w/sm plunger (TRICO #1207)
- 1 - 7/8" x 2' Pony w/2-1/2" guide
- 1 - K-bar, 1-1/2" x 25'
- 1 - 7/8" x 2' Pony w/2-1/2" guide
- 225 - 3/4" x 25' D Plain
- 1 - 3/4" x 6' Pony
- 1 - Polish Rod 1-1/4" x 22'

Press test tbg & DHP to 1000 psi, OK. Shut well in. RDMO.

DC: \$5,345

CC: \$219,994

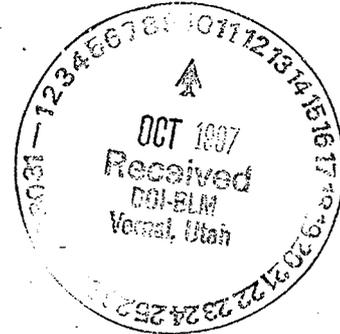


RECEIVED

OCT 10 1997

October 7, 1997

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



RE: Change of Operator
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

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

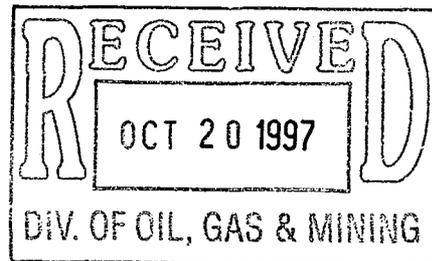
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

Patsy Barreau
Patsy Barreau

/pb
encls.



DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial Number:
See Attached

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

7. Unit Agreement Name:
See Attached

8. Well Name and Number:
See Attached

9. API Well Number:
See Attached

10. Field and Pool, or Wildcat:
See Attached

1. Type of Well: OIL GAS OTHER: _____

2. Name of Operator: Inland Production Company

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

4. Location of Well
Footages: See Attached Exhibit
County: _____
State: _____

RECEIVED
OCT 13 1997

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

NOTICE OF INTENT
(Submit in Duplicate)

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

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

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

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

Date of work completion 9-30-97

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

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

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

(Leave space for State use only)



INLAND

Inland Resources Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGEEMENT
✓ WALTON FEDERAL #1	SESE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15792-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #2	NWNE 149S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15793-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #34-11	SWSE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ WALTON FEDERAL #4	SENE 119S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15795-00	UTU096550	UTU72086A
✓ ALLEN FEDERAL #31-6G	NWNE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31442-00	UTU020252A	
✓ BALCRON FEDERAL #21-13Y	NENW 139S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31400-00	UTU64805	
✓ BALCRON FEDERAL #21-25Y	NENW 259S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-31394-00	UTU64380	
✓ BALCRON FEDERAL #44-14Y	SESE 149S 17E	UINTAH	UT	MONUMENT BUTTE (U)	43-047-32438-00	UTU64806	
✓ CASTLE PEAK FEDERAL #24-10A	SESW 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30555-00	UTU72107	
✓ CASTLE PEAK STATE #43-16 ³	NESE 169S 16E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30594-00		891008243C
✓ K JORGENSON STATE #16-4	NESE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30572-00	ML-3453-B	
✓ STATE #16-2	NENE 169S 17E	DUCHESNE	UT	MONUMENT BUTTE (U)	43-013-30552-00	ML-3453-B	
✓ BALCRON FEDERAL #21-9Y	NENW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31396-00	UTU65207	
✓ BALCRON FEDERAL #41-21Y	NENE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31392-00	UTU64379	
✓ MONUMENT FEDERAL #31-6-9-16	NWNE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31717-00	UTU74390	
✓ MONUMENT FEDERAL #32-6-9-16Y	SW NE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31300-00	UTU74390	
✓ MONUMENT FEDERAL #42-6-9-16Y	SE NW 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31645-00	UTU74390	
✓ MONUMENT FEDERAL #41-6-9-16	NENE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31718-00	UTU74390	
✓ MONUMENT FEDERAL #31-8-9-16	NW NE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31721-00	UTU020255	
✓ MONUMENT FEDERAL #41-8-9-16	NENE 8 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31619-00	UTU020255	
✓ MONUMENT FEDERAL #11-9-9-16	NW NW 9 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31618-00	UTU020254	
✓ MONUMENT FEDERAL #33-6-9-16Y	NW SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31589-00	UTU74390	
✓ MONUMENT FEDERAL #43-6-9-16Y	NE SE 6 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31644-00	UTU74390	
✓ MONUMENT FEDERAL #44-6-9-16Y	SE SE 6 9S 15E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31720-00	UTU74390	
✓ MONUMENT FEDERAL #31-18-9-16	NW NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31725-00	UTU74390	
✓ MONUMENT FEDERAL #41-18Y	NE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31646-00	UTU74390	
✓ MONUMENT FEDERAL #42-18Y	SE NE 189S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31724-00	UTU74390	
✓ MONUMENT FEDERAL #31-21-9-16	NW NE 219S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31726-00	UTU64379	
✓ MONUMENT FEDERAL #11-22Y	NW NW 229S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31647-00	UTU64379	
✓ MONUMENT FEDERAL #13-4-9-16	NW SW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31716-00	UTU73086	
✓ MONUMENT FEDERAL #14-4	SWSW 4 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31666-00	UTU73086	
✓ MONUMENT FEDERAL #22-20-9-16	SE NW 209S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31681-00	UTU52018	
✓ MONUMENT FEDERAL #23-7-9-16	NESW 7 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31694-00	UTU74390	
✓ MONUMENT FEDERAL #24-17-9-16	SESW 179S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31682-00	UTU52018	
✓ MONUMENT BUTTE #34-31-8-16	SW SE 318S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31715-00	UTU74389	
✓ MONUMENT FEDERAL #33-10-9-16	NW SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31722-00	UTU72107	
✓ MONUMENT BUTTE #43-10-9-16	NE SE 109S 16E	DUCHESNE	UT	MONUMENT BUTTE (W)	43-013-31723-00	UTU72107	
✓ CHORNEY FEDERAL #1-9	SWSE 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-30070-00	UTU5843	
✓ HENDEL FEDERAL #1	SWSW 9 9S 19E	UINTA	UT	PARIETTE BENCH	43-047-20011-00	UTU058149	



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

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

Dear Lisha:

RE: Equitable Sale of Utah Properties

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

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

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



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

TO: *Lisha*
St of Utah.

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

Pages Attached - Including Cover Sheet *2.*

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

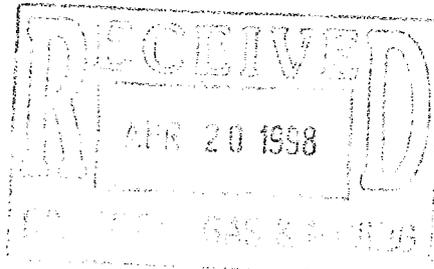
Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

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

IN REPLY REFER TO:

3162.3
UT08438

November 10, 1997



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

43-013-31715
Re: Well No. Mon. Fed. 34-31-8-18 ~~18~~ 16
SWSE, Sec. 31, T8S, R18E
Lease ~~U-74404~~ U-74389
Uintah County, Utah

Dear Sir:

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

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

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

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

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.

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

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

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

WELL(S) attach additional page if needed:

Name: <u>MON 34-31-8-16/GRRV</u>	API: <u>43-013-31715</u>	Entity: <u>12067</u>	S <u>31</u>	T <u>8S</u>	R <u>16E</u>	Lease: <u>UTU74389</u>
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- lec* 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(rec'd 12-10-97)*
- lec* 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 10-20-97)*
- N/A* 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- lec* 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec* 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(4-21-98)*
- lec* 6. **Cardex** file has been updated for each well listed above. *(4-21-98)*
- lec* 7. Well **file labels** have been updated for each well listed above. *(4-21-98)*
- 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. *(4-21-98)*
- lec* 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for **reference during routing and processing of the original documents.**

ENTITY REVIEW

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

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A/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

- N/A/Lec 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A/Lec 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

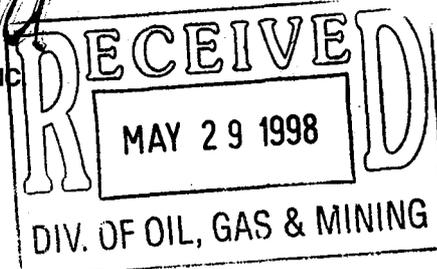
- VS 1. All attachments to this form have been microfilmed. Today's date: 4-29-98.

FILING

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

COMMENTS

980421 Blm/Vernal Apr. 11-10-97; did not mail OOSM copy at that time.



May 22, 1998

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

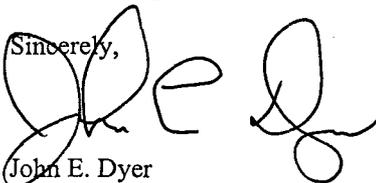
RE: Permit Application for Water Injection Well
Monument Federal #34-31-8-16, West Point Unit
Monument Butte Field, Lease #U-74389
Section 31-Township 8S-Range 16E
Duchesne County, Utah

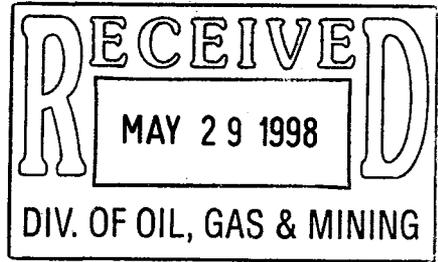
Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Monument Federal #34-31-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, West Point Unit.

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



INLAND PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

MONUMENT FEDERAL #34-31-8-16

WEST POINT UNIT

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #U-74389

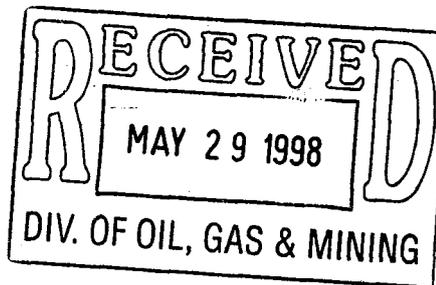
MAY 22, 1998

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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: Monument Federal #34-31-8-16
Field or Unit name: Monument Butte (Green River) West Point Unit Lease No. U-74389
Well Location: QQ SWSE section 31 township 8S range 16E county Duchesne

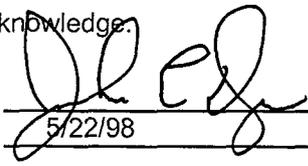
Is this application for expansion of an existing project? Yes No
Will the proposed well be used for: Enhanced Recovery? Yes No
Disposal? Yes No
Storage? Yes No
Is this application for a new well to be drilled? Yes No
If this application is for an existing well,
has a casing test been performed on the well? Yes No
Date of test: 12/20/96
API number: 43-013-31715

Proposed injection interval: from 5113' to 5650'
Proposed maximum injectic n: rate 500 bpd pressure 2172 psig
Proposed injection zone contains 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 5/22/98
Phone No. (303) 292-0900

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Monument Federal #34-31-8-16

Spud Date: 12/13/96
 Put on Production: 1/22/97
 GL: ? KB: ?

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 6 jts. (251.55')
 DEPTH LANDED: 261.55' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est ? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6032.88')
 DEPTH LANDED: 6053' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 290 sk Premium & 385 sxs 50/50 Poz
 CEMENT TOP AT:

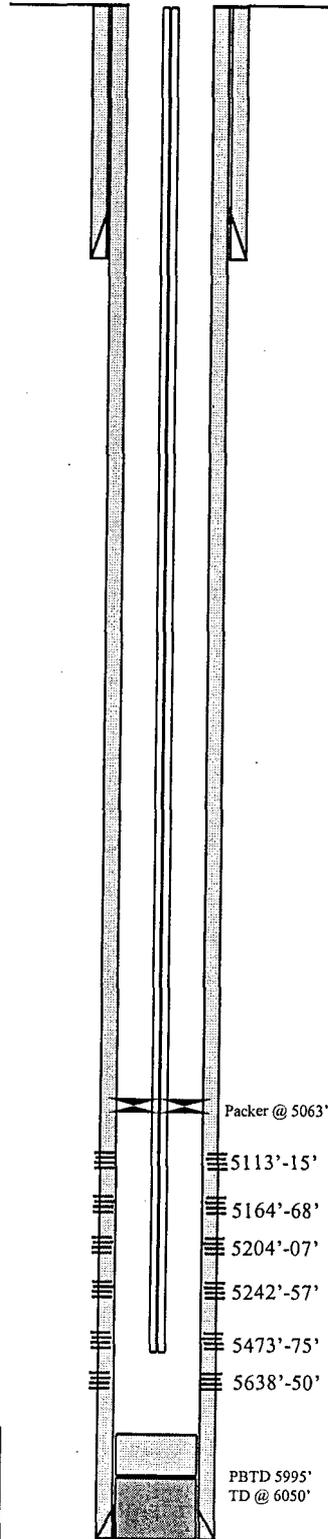
TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/LS tbg.
 NO. OF JOINTS: 184 jts.
 TUBING ANCHOR: 5071'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH:
 SN LANDED AT: 5688'

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 TOTAL ROD STRING LENGTH:
 PUMP NUMBER:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 LOGS:

Proposed Injection Wellbore Diagram



FRAC JOB

12-23-96 5473'-5650' **Frac as follows:**
 12,350# of 20/40 sand and 30,409# 16/30 sand in 17,976 gal 2% KCL water.
 Treated @ avg rate of 36 bpm w/avg press of 3000 psi. ISIP-2420 psi, 5-min 2210 psi.

12-30-96 5113'-5257' **Frac as follows:**
 25,790# 20/40 sand and 37,210# 16/30 sand in 22,806 gals 2% KCL water.
 Treated @ avg rate of 40 BPM w/avg press of 2500 psi. ISIP-2200 psi, 5 min 1620 psi.

PERFORATION RECORD

Date	Depth Range	Number of JSPF	Number of Holes
12/21/96	5473'-5473'	2 JSPF	4 holes
12/21/96	5638'-5650'	1 JSPF	12 holes
12/27/96	5113'-5115'	4 JSPF	8 holes
12/27/96	5164'-5168'	4 JSPF	16 holes
12/27/96	5204'-5207'	4 JSPF	12 holes
12/27/96	5242'-5257'	2 JSPF	30 holes



Inland Resources Inc.

Monument Federal #34-31-8-16

723 FSL 1970 FEL

SWSE Section 31-T8S-R16E

Duchesne Co, Utah

API #43-013-31715; Lease #UTU-74389

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 Monument Federal #34-31-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, West Point Unit.

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

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

- 2.5 **The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Douglas Creek Member of the Green River Formation. In the Monument Federal #34-31-8-16 well, the proposed injection zone is from 5113'-5650'. 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 5113'.

- 2.6 **A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Federal #34-31-8-16 is on file with the Utah Division of Oil, Gas and Mining.

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

The 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.

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

See Attachment B.

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

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

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

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

This proposed injection well is on a Federal lease (Lease #U-74389), in the Monument Butte (Green River) Field, West Point 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 refilled.**

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 261.55' GL, and the 5-1/2" casing run from surface to 6053' 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 2172 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 Monument Federal #34-31-8-16, for proposed zones (5113' – 5650') calculates at .86 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 2172 psig. See Attachment G through G-2.

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 Monument Federal #34-31-8-16, the injection zone (5113'-5650') 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-4.

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.

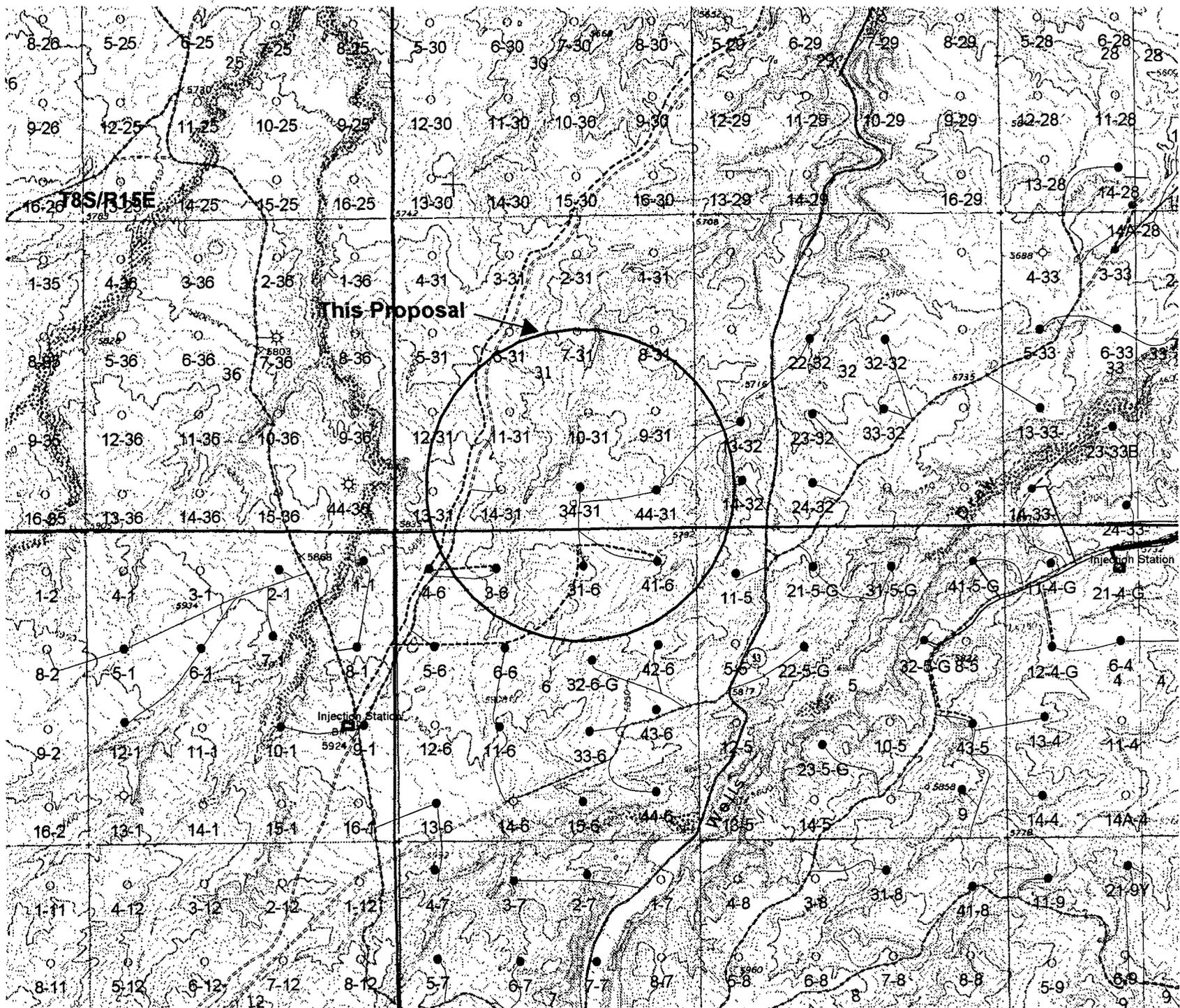


Exhibit "A"

- Legend
- INJ
 - OIL
 - ☆ GAS
 - * O&G
 - ◇ DRY
 - SHUTIN
 - LOC
 - ▬ Proposed Water 6"
 - ▬ Proposed Water 5"
 - ▬ Proposed Water 4"
 - ▬ Proposed Water 2 - 3"
 - ▬ Proposed Water

Woodward Clyde
an Equal Opportunity Employer
 Diversity, Creativity, Integrity
 Phone: 1-800-271-4300

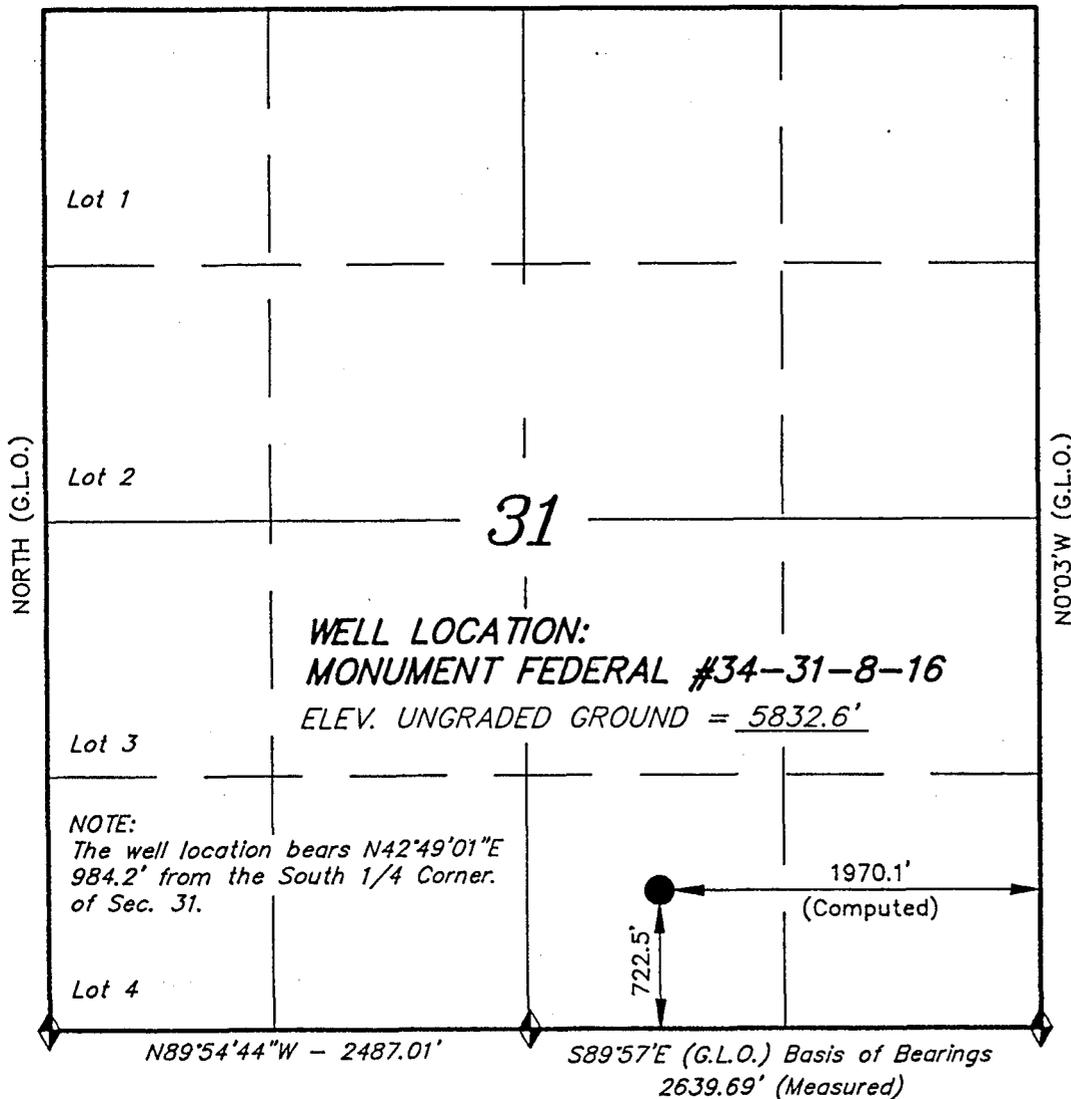
IN VIA BANIN
Dickens & Ulrich Consulting, Inc.

Case 511-06

Attachment A-1

T8S, R16E, S.L.B.&M.

S89°58'E - 77.57 (G.L.O.)



WELL LOCATION:
MONUMENT FEDERAL #34-31-8-16
 ELEV. UNGRADED GROUND = 5832.6'

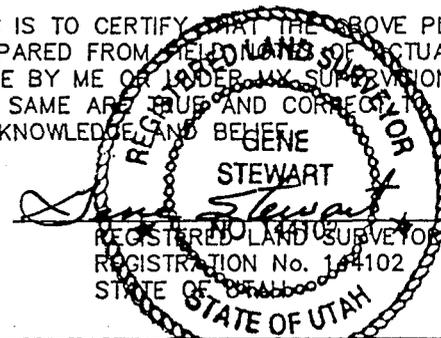
NOTE:
 The well location bears N42°49'01"E
 984.2' from the South 1/4 Corner
 of Sec. 31.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL
 #34-31-8-16, LOCATED AS SHOWN IN
 THE SW 1/4 SE 1/4 OF SECTION 31,
 T8S, R16E, S.L.B.&M. DUCHESNE
 COUNTY, UTAH.



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



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

SCALE: 1" = 1000'	SURVEYED BY: <i>[Signature]</i>
DATE: 9-6-96	WEATHER: <i>[Blank]</i>
NOTES:	FILE: <i>[Blank]</i>

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 8 South, Range 16 East Section 20: All Section 22: E/2NW/4 Section 27: N/2NW/4 Section 30: SE/4SE/4 Section 31: Lots 1-4, NE/4, E/2NW/4 NE/4SW/4, N/2SE/4, SW/4SE/4	UTU-74389 HBP	Inland Production Company Yates Petroleum Corporation ABO Petroleum Corporation Yates Drilling Company Myco Industries	(Surface Rights) USA
2	Township 8 South, Range 16 East Section 31: SE/4SW/4, SE/4SE/4	UTU-49950 HBP	Inland Production Company Interline Resources Corporation Producers Pipeline Corporation	(Surface Rights) USA
3	Township 9 South, Range 16 East Section 6: All Section 7: All Section 8: W/2 Section 9: NW/4SW/4 Section 17: NW/4 Section 18: L 1,2, NE/4, E/2NW/4	U-74390 HBP	Inland Production Company Yates petroleum Corporation ABO Petroleum Corporation Yates Drilling Company Myco Industries	(Surface Rights) USA

Attachment B
(Pg 1 of 2)

EXHIBIT B

Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4	Township 9 South Range 16 East Section 5: L 4, SW/4NW/4	UTU-69744 HBP	Interline Resources Corporation Producers Pipeline Corporation	(Surface Rights) USA
5	Township 8 South Range 16 East Section 32: ALL	ML-21836 HBP	Chevron USA, Inc	(Surface Rights) State of Utah

Attachment B
(Pg 2 of 2)

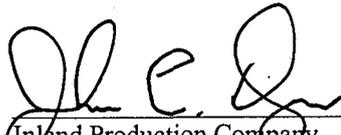
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Federal #34-31-8-16

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

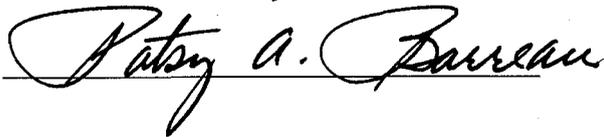
Signed:



Inland Production Company
John E. Dyer
Chief Operating Officer

Sworn to and subscribed before me this 22nd day of May, 1998.

Notary Public in and for the State of Colorado:



My Commission Expires 11/14/2000

Monument Federal #34-31-8-16

Spud Date: 12/13/96
 Put on Production: 1/22/97
 GL: ? KB: ?

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 6 jts. (251.55')
 DEPTH LANDED: 261.55' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est ? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6032.88')
 DEPTH LANDED: 6053' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 290 sk Premium & 385 sxs 50/50 Poz
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/LS tbg.
 NO. OF JOINTS: 184 jts.
 TUBING ANCHOR: 5071'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH:
 SN LANDED AT: 5688'

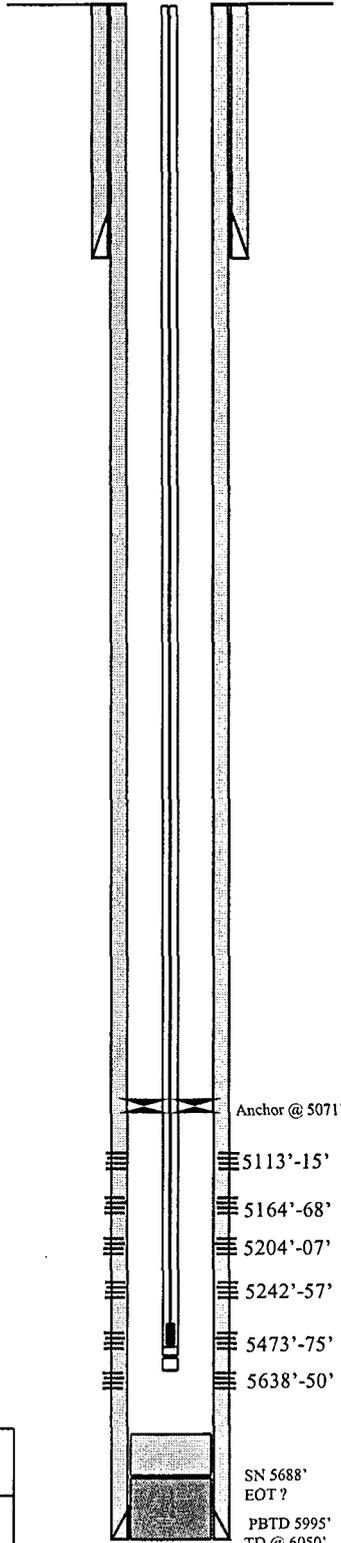
SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 225-3/4" plain rods, 1-6' pony
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC
 STROKE LENGTH: 100"
 PUMP SPEED, SPM: 4.8 SPM
 LOGS:

FRAC JOB

12-23-96 5473'-5650' Frac as follows:
 12,350# of 20/40 sand and 30,409# 16/30 sand in 17,976 gal 2% KCL water.
 Treated @ avg rate of 36 bpm w/avg press of 3000 psi. ISIP-2420 psi, 5-min 2210 psi.

12-30-96 5113'-5257' Frac as follows:
 25,790# 20/40 sand and 37,210# 16/30 sand in 22,806 gals 2% KCL water.
 Treated @ avg rate of 40 BPM w/avg press of 2500 psi. ISIP-2200 psi, 5 min 1620 psi.



PERFORATION RECORD

Date	Interval	JSPF	Holes
12/21/96	5473'-5473'	2 JSPF	4 holes
12/21/96	5638'-5650'	1 JSPF	12 holes
12/27/96	5113'-5115'	4 JSPF	8 holes
12/27/96	5164'-5168'	4 JSPF	16 holes
12/27/96	5204'-5207'	4 JSPF	12 holes
12/27/96	5242'-5257'	2 JSPF	30 holes

Inland Resources Inc.

Monument Federal #34-31-8-16

723 FSL 1970 FEL

SWSE Section 31-T8S-R16E

Duchesne Co, Utah

API #43-013-31715; Lease #UTU-74389

Attachment E-1

Monument Federal #44-31
Section 31-Township 8S-Range 16E
Duchesne County, Utah

This well is not operated by Inland and there is no information available.

Nine Mile #3-6

Spud Date: 10/16/97
 Put on Production: 12/3/97
 GL: 5841' KB: 5853'

Initial Production: 52 BOPD,
 81 MCFPD, 12 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH:
 DEPTH LANDED: 282.12'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est ? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5931')
 DEPTH LANDED: 5944'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 380 sks Hibond mixed & 335 sks thixotropic
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 182 jts
 TUBING ANCHOR: 5706'
 TOTAL STRING LENGTH: ?
 SN LANDED AT: 5770'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-1 1/2" wt rods; 4-3/4" scraped; 126-3/4" plain; 95-3/4" scraped; 1-8", 1-4", 1-4"x3/4" pony rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2" RHAC
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 5.5 SPM
 LOGS: DIGL/SP/GR/CAL (5950'-300')
 DSN/SDL/GR (5918'-3000')

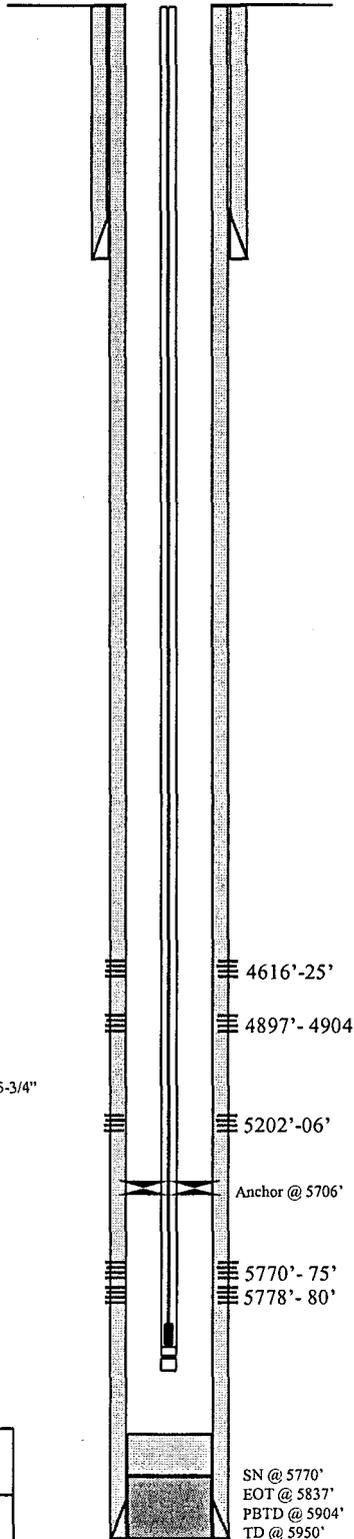
FRAC JOB

11/21/97 5770'-5780' **Frac CP sand as follows:**
 95,300# of 20/40 sd in 504 bbls
 Delta Frac. Treated @ avg rate 28 bpm,
 avg press 2110 psi. Breakdown @ 3618
 psi. ISIP-2612 psi, 5-min 2117 psi.
 Flowback for 3 hrs & died.

11/23/97 5202'-5206' **Frac B sand as follows:** 95,300#
 of 20/40 sd in 492 bbls Delta Frac.
 Breakdown @ 3401 psi. Treated @
 rate of 26.4 BPM, avg press 2250 psi.
 ISIP-2060 psi, 5-min 1866 psi. Flowback
 on 12/64" ck for 4 hrs & died.

11/26/97 4897'-4904' **Frac D sand as follows:**
 95,300# 20/40 sand in 501 bbls Delta
 Frac. Breakdown @ 2095 psi. Treated
 w/avg press of 2090 psi w/avg rate of
 25.9 BPM. ISIP - 2611 psi, 5 min 2496
 psi. Flowback on 12/64" ck for 3-1/2 hrs
 & died.

11/29/97. 4616'-4625' **Frac PB sand as follows:**
 95,300# 20/40 sand in 479 bbls of Delta
 Frac. Breakdown @ 2316 psi. Treated
 @ avg press of 2210 psi w/avg rate of
 26BPM. ISIP-2762 psi, 5 min 2551
 psi. Flowback on 12/64" ck for 2 hrs &
 died.



PERFORATION RECORD

Date	Interval	Tool	Holes
11/19/97	5770'-5775'	4 JSPF	20 holes
11/19/97	5778'-5780'	4 JSPF	8 holes
11/22/97	5202'-5206'	4 JSPF	16 holes
11/25/97	4897'-4904'	4 JSPF	28 holes
11/27/97	4616'-4625'	4 JSPF	36 holes

SN @ 5770'
 EOT @ 5837'
 PBD @ 5904'
 TD @ 5950'



Inland Resources Inc.

Nine Mile #3-6

663 FNL 1728 FWL

NENW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31816; Lease #UTU-74390

Monument Federal #31-6-9-16Y

Spud Date: 11/20/96
 Put on Production: 1/2/97
 GL: 5855.4'

Initial Production: 62 BOPD,
 193 MCFPD, 16 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH:
 DEPTH LANDED: 260.50'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est ? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH:
 DEPTH LANDED: 5986.71'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 310 sxs "C" & 435 sxs 50/50 Poz
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 173 jts
 TUBING ANCHOR: 5512'
 TOTAL STRING LENGTH: ?
 SN LANDED AT: 5606'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-11/2" wt rods; 6-3/4" guided; 192-3/4" slick; 20 guided
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 6 SPM
 LOGS: LDT/CNL, DLL/GR, CBL/GR

FRAC JOB

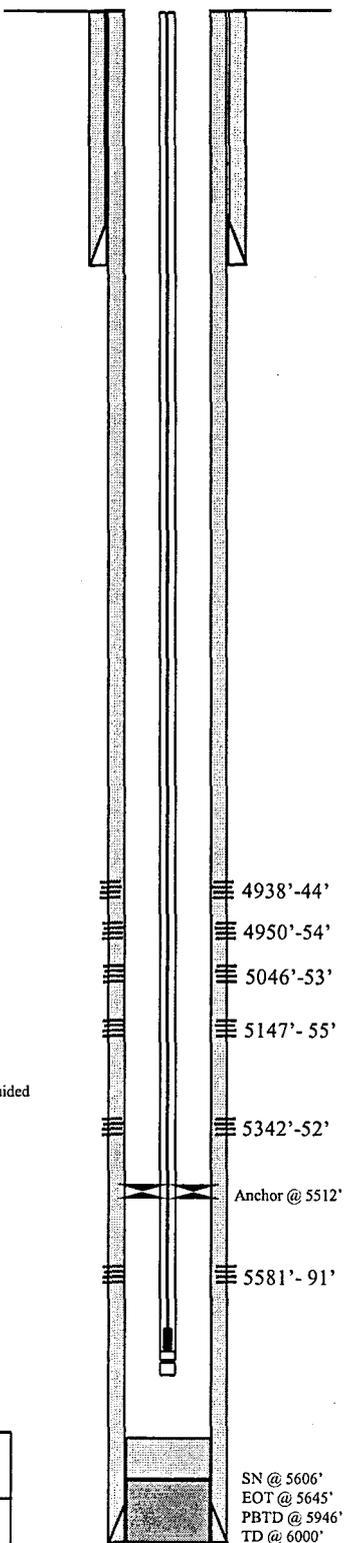
4938'-4954' **Frac as follows:**
 Break down w/ 2478 gals 2% KCL water.
 Frac w/ 8200# 20/40 mesh sand and
 20,300# 16/30 mesh sand w/12,684 gals
 2% KCL gelled water.

5046'-5053' **Frac as follows:**
 Break down w/ 1764 gals 2% KCL water.
 Frac w/12,900# 20/40 mesh sand and
 32,400# 16/30 mesh sand w/17,472 gals
 2% KCL gelled water.

5147'-5155' **Frac as follows:**
 Break down w/1596 gals 2% KCL water.
 Frac w/12,900# 20/40 mesh sand and
 32,400# 16/30 mesh sand w/17,472 gals
 2% KCL gelled water.

5342'-5352' **Frac as follows:**
 Break down w/2646 gals 2% KCL water.
 Frac w/8,600# 20/40 mesh sand and
 24,200# 16/30 mesh sand w/13,566 gals
 2% KCL gelled water.

5581'-5591' **Frac as follows:**
 Break down w/2394 gals 2% KCL water.
 Frac w/87,000# 20/40 mesh sand and
 18,800# 16/30 mesh sand w/14,196 gals
 2% KCL gelled water.



PERFORATION RECORD

Depth Interval	JSPF	Holes
4938'-4944'	4 JSPF	24 holes
4950'-4954'	4 JSPF	16 holes
5046'-5053'	4 JSPF	28 holes
5147'-5155'	4 JSPF	32 holes
5342'-5352'	4 JSPF	40 holes
5581'-5591'	4 JSPF	40 holes

SN @ 5606'
 EOT @ 5645'
 PBD @ 5946'
 TD @ 6000'



Inland Resources Inc.

Monument Federal #31-6-9-16Y

624 FNL 1926 FEL
 NENW Section 6-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31717; Lease #UTU-74390

Monument Federal #41-6-9-16Y

Spud Date: 11/29/96
 Put on Production: 1/7/97
 GL: 5802.7'

Initial Production: 136 BOPD,
 91 MCFPD, 107 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts (250.70')
 DEPTH LANDED: 260.70'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts (5985.41')
 DEPTH LANDED: 5995.41'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 310 sxs Class "G" & 435 sxs 50/50 Poz
 CEMENT TOP AT: 304' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 179 jts
 TUBING ANCHOR: 4301'
 TOTAL STRING LENGTH: ?
 SN LANDED AT: ?'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 220-3/4" plain, 1-6', 2-2'x3/4" pony pony
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' TWAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5.8 SPM
 LOGS: CBL/GR

FRAC JOB

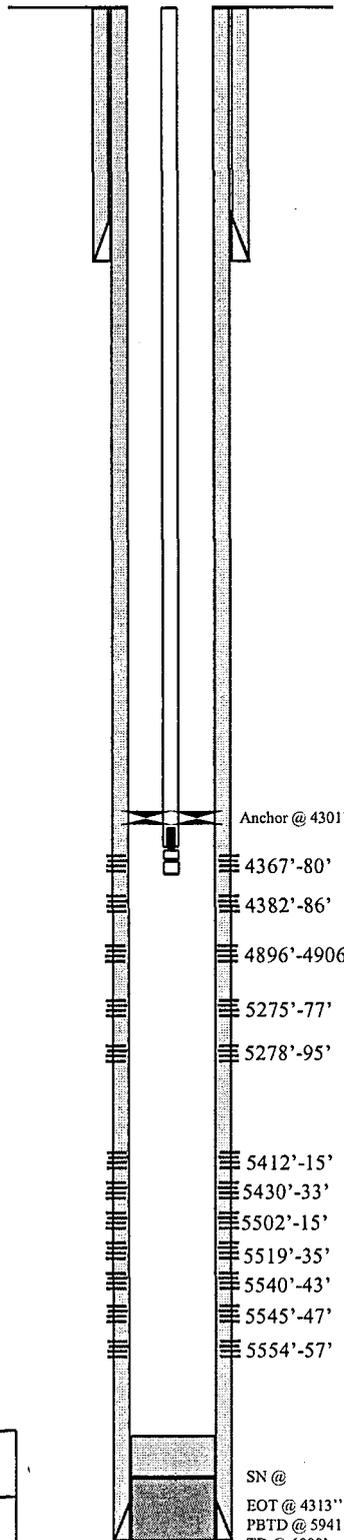
12-11-96 5412'-5557' **Frac as follows:**
 Frac w/ 49,950# 20/40 mesh sand and 109,060# 16/30 mesh sand w/45,024 gals 2% KCL gelled water. ISIP-2550 psi, 5 min 2240 psi. ATP-2750 psi and ATR-44 BPM.

12-13-96 5275'-5295' **Frac as follows:**
 Frac w/16,600# 20/40 mesh sand and 40,800# 16/30 mesh sand w/18,606 gals 2% KCL gelled water. ISIP-2500 psi, 5 min 1890 psi. ATP-1850 psi and ATR-26.1 BPM.

12-13-96 5114'-5119' **Frac as follows:**
 Frac w/17,500# 16/30 mesh sand w/10,710 gals 2% KCL gelled water. ATP-2000 psi and ATR-26 BPM. ISIP-1870 psi, 5 min 1650 psi.

12-17-96 4896'-4906' **Frac as follows:**
 Frac w/31,000# 16/30 mesh sand w/13,062 gals 2% KCL gelled water. ATP-2200 psi and ATR-25.5 BPM. ISIP-2800 psi, 5 min 1990 psi.

12-17-96 4367'-4386' **Frac as follows:**
 Frac w/51,000# 16/30 mesh sand in 17,304 gals 2% KCL gelled water. ATP-2200 psi. ATR-25.8 BPM. ISIP-3150 psi, 5 min 2090 psi.



PERFORATION RECORD

Date	Depth Range	Completion	Holes
12-11-96	5412'-5415'	2 JSPF	6 holes
12-11-96	5430'-5433'	2 JSPF	6 holes
12-11-96	5502'-5515'	2 JSPF	26 holes
12-11-96	5519'-5535'	2 JSPF	32 holes
12-11-96	5540'-5543'	2 JSPF	6 holes
12-11-96	5545'-5547'	2 JSPF	4 holes
12-11-96	5554'-5557'	2 JSPF	6 holes
12-13-96	5275'-5277'	4 JSPF	8 holes
12-13-96	5278'-5295'	4 JSPF	68 holes
12-16-96	4896'-4906'	4 JSPF	40 holes
12-17-96	4367'-4380'	4 JSPF	52 holes
12-17-96	4382'-4386'	4 JSPF	16 holes

Inland Resources Inc.
 Monument Federal #41-6-9-16Y
 560 FNL 656 FEL
 NENW Section 6-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31718; Lease #UTU-74390

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5068
Fax (801) 722-5727

Attachment F

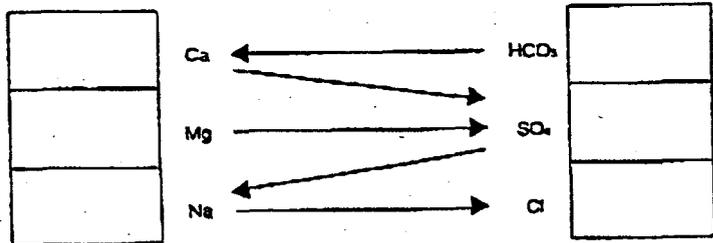
WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-14-98
 Source Johnson Water FRESH WATER Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	<u>7.0</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>593</u>	
5. Alkalinity (CaCO ₃)		CO ₃ <u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ <u>300</u>	+ 61 <u>5</u> HCO ₃
7. Hydroxyl (OH)		OH <u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>35</u>	+ 35.5 <u>1</u> Cl
9. Sulfates (SO ₄)		SO ₄ <u>110</u>	+ 48 <u>2</u> SO ₄
10. Calcium (Ca)		Ca <u>44</u>	+ 20 <u>2</u> Ca
11. Magnesium (Mg)		Mg <u>22</u>	+ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO ₃)		<u>200</u>	
13. Total Iron (Fe)		<u>2.2</u>	
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		<u>2</u>		<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17		<u>2</u>		<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		<u>1</u>		<u>84</u>
Na ₂ SO ₄	71.03		<u>2</u>		<u>142</u>
NaCl	58.45		<u>1</u>		<u>59</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

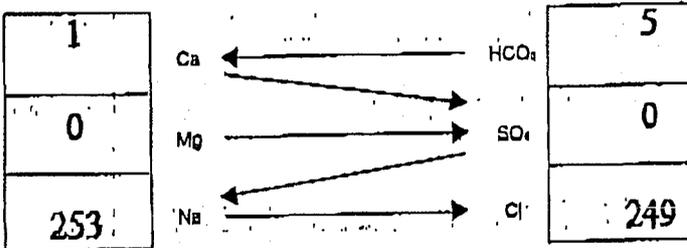
WATER ANALYSIS REPORT

Company INLAND Address _____ Date 05-18-98
Source MONUMENT FEDERAL 34-31 Date Sampled 05-13-98 Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	9.3		
2. H ₂ S (Qualitative)	0		
3. Specific Gravity	1.014		
4. Dissolved Solids		15,035	
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 8,900	+ 35.5 249 Cl
9. Sulfates (SO ₄)		SO ₄ 0	+ 48 0 SO ₄
10. Calcium (Ca)		Ca 16	+ 20 1 Ca
11. Magnesium (Mg)		Mg 0	+ 12.2 0 Mg
12. Total Hardness (CaCO ₃)		40	
13. Total Iron (Fe)		1.2	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	1			81
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.52				
NaHCO ₃	84.00	4			336
Na ₂ SO ₄	71.03				
NaCl	58.46	249			14,557

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
 LOCATION:
 SYSTEM:

05-18-98

WATER DESCRIPTION:	JOHNSON WATER	MF 34-31
P-ALK AS PPM CaCO3	0	0
M-ALK AS PPM CaCO3	492	492
SULFATE AS PPM SO4	110	0
CHLORIDE AS PPM Cl	35	8900
HARDNESS AS PPM CaCO3	0	0
CALCIUM AS PPM CaCO3	110	40
MAGNESIUM AS PPM CaCO3	90	0
SODIUM AS PPM Na	92	5819
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	15035
TEMP (DEG-F)	150	150
SYSTEM pH	7	9.3

WATER COMPATIBILITY CALCULATIONS
 JOHNSON WATER AND MF 34-31
 CONDITIONS: TEMP.=150 AND pH=8.2
 WATER ONE IS JOHNSON WATER

% OF WATER # 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.48	36	0	0	0
90	1.40	34	0	0	0
80	1.31	31	0	0	0
70	1.23	28	0	0	0
60	1.14	26	0	0	0
50	1.05	23	0	0	0
40	.96	20	0	0	0
30	.86	18	0	0	0
20	.76	15	0	0	0
10	.67	12	0	0	0
0	.57	9	0	0	0

Attachment G

Monument Federal #34-31-8-16
Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5473	5650	5562	2420	0.87	2380
5113	5257	5185	2200	0.86	2172
				Minimum	<u>2172</u>

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.005.

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



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

TREATMENT REPORT
 Attachment G-1

DATE OF TREATMENT: 12/23/96

Well Name Monument Fed 34-20-8-16 Sec. 31 TWN. 25 RNG. 16E
 Field Monument Butte County Duchesne State UTAH
 Formation: Green River (Gib Zone)
 Perforations: 5638'-50', 5473'-75'

Treatment Type: SAND FRAC Total Number of Holes: 16
 Treatment Company: RIT Services SAND CHARACTERISTICS

VOLUME		FLUID	CONC.			SIZE	SAND VOLUME		
SLURRY BBLs	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUAL	
95	95	4000	2% KCL WATER (PAD)	320	3730	—/—	— #	— #	
110	16	600	" " "	2	33.6	3850	20/40	1200 #	1200 #
136	18	650	" " "	4	33.5	4150	20/40	2600 #	2600 #
153	22	750	" " "	5	33.6	3800	20/40	3750 #	3750 #
161	11	900	" " "	6	33.4	3580	20/30	4800 #	4800 #
232	70	2300	" " "	6	35.9	3020	16/30	13700 #	13700 #
218	84	2300	" " "	7	35.7	2910	16/30	16100 #	16609 #
447	101	5418	" " " (Flush)	—	38.5	3450	—/—	— #	— #
						1		#	#
						1		#	#

TOTAL FLUID PUMPED: _____ gal. _____ % _____ Acid
17976 gal. 2% KCL WATER Fluid
 TOTAL SAND VOLUME: 12350 lbs. 20 / 1 3/4 sand
30409 lbs. 16 / 1 3/4 sand
 _____ lbs. 1 / _____ sand
 Flushed well with 5418 gal. of 2% KCL WATER
 _____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover 428 BLTR.
 Avg. Treating Pressure = 3000 psi, max = 4000 psi, min. = 2950 psi.
 Avg. Treating Rate = 36 bpm, max = 36 bpm, min. = 33.5 bpm.
 ISIP = 2420 psi, 5 min. = 2210 psi, 10 min. = 2020 psi, 15 min. = 1940 psi.
 30 min = 1830 psi.
 Well will be shut in for 0 hours before bringing back fluid.

REMARKS: 0 BBLs. to load hole. (61228 CMI HFC Gel Type) Tracer pumped, Isotope, IR-142
START forced cleanup flow back at 1 BPM

Wellsite Supervisor: [Signature]



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

TREATMENT REPORT
 Attachment G-2

DATE OF TREATMENT: 12-30/96

Well Name: Monument Fed 34-31-8-16 Sec. 31 TWN. 8 S RNG. 16 E
 Field: Monument R.ette County: Dewey State: MT
 Formation: GREEN RIVER (R-5, G-1U, G-1 ZONES)
 Perforations: 5113'-15', 5164'-68', 5204'-07', 5212'-57'

Treatment Type: SAND FRAC Total Number of Holes: 166
 Treatment Company: RT Services SAND CHARACTERISTICS

VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
SLURRY BBLs	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUAL
162	162	2% KEL WATER (PPT)	—	40.1	2420	- / -	— #	— #
169	26	" " "	2	37.1	2690	20/40	2000 #	2000 #
230	31	" " "	4	34.1	2640	50/40	4400 #	4400 #
258	38	" " "	5	31.6	2570	50/40	6500 #	6500 #
322	124	" " "	12	30.7	2480	75/40	12600 #	12890 #
416	911	" " "	12	29.8	2520	10/30	18600 #	18600 #
486	73	" " "	7	33.0	2540	10/30	28000 #	19810 #
610	121	" " " (Flush)	—	39.0	3800	- / -	— #	— #
						1	#	#
						1	#	#

TOTAL FLUID PUMPED: _____ gal. _____ % Acid
 _____ gal. 2% KEL WATER Fluid
 TOTAL SAND VOLUME: 25790 lbs. 201 #/0 sand
 37210 lbs. 161 #/30 sand
 _____ lbs. 1 sand

Flushed well with 5082 gal. of 2% KEL WATER
 _____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover: 543 BLTR.
 Avg. Treating Pressure = 2500 psi, max = 3820 psi, min. = 2420 psi.
 Avg. Treating Rate = 40 bpm, max = 40.1 bpm, min. = 29.8 bpm.
 ISIP = 2200 psi, 5 min. = 1620 psi, 10 min. = 1540 psi, 15 min. = 1450 psi.
 Well will be shut in for 0 hours before bringing back fluid. 30 min = 1260 psi.

REMARKS: 7 BBLs to 3000 Hrs.
START Forced Circulation Pump AT 1:00 PM (GW-32 CM/SEC, G-1 TYPE)
 Wellsite Supervisor: Don Crowder

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 687' plug from 5013'-5700' with 120 sxs Class "G" cement.
2. Plug #2 Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
3. Plug #3 Set 100' plug from 212'-312' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
6. Plug #6 Set 50' plug from surface with 10 sxs Class "G" cement.
7. Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 262' to surface.

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

Monument Federal #34-31-8-16

Spud Date: 12/13/96
Put on Production: 1/22/97
GL: ? KB: ?

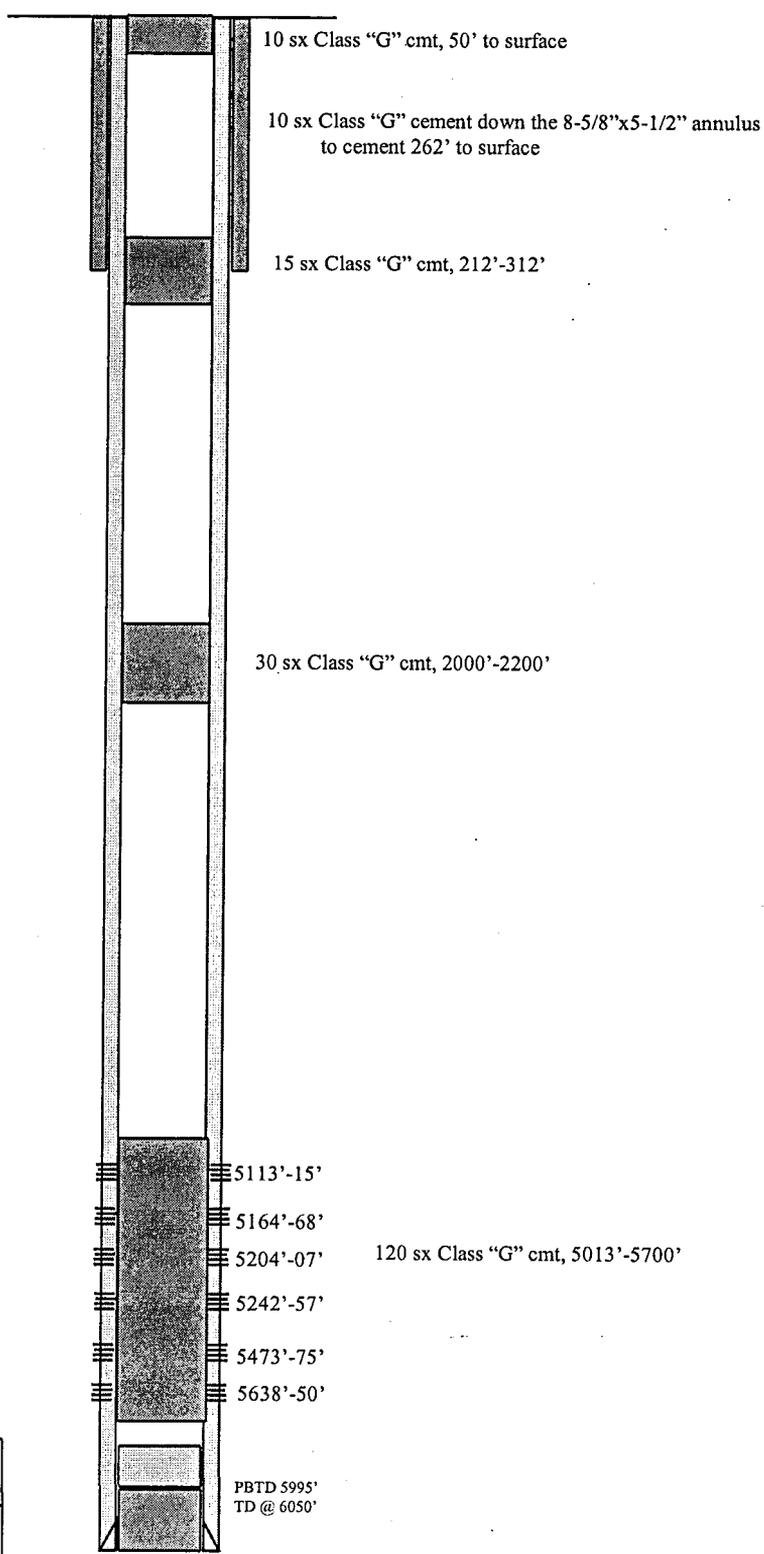
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 6 jts. (251.55')
DEPTH LANDED: 261.55' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est ? bbls to surf.

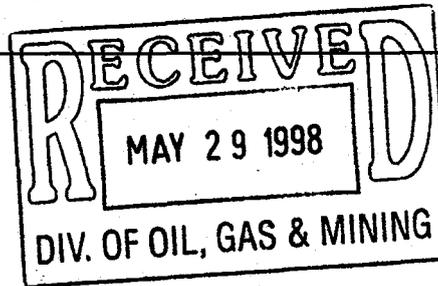
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 142 jts. (6032.88')
DEPTH LANDED: 6053' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 290 sk Premium & 385 sxs 50/50 Poz
CEMENT TOP AT:

Proposed P&A
Wellbore Diagram



Inland Resources Inc.
Monument Federal #34-31-8-16
 723 FSL 1970 FEL
 SWSE Section 31-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31715; Lease #UTU-74389



May 22, 1998

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

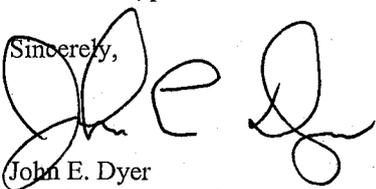
RE: Permit Application for Water Injection Well
Monument Federal #34-31-8-16, West Point Unit
Monument Butte Field, Lease #U-74389
Section 31-Township 8S-Range 16E
Duchesne County, Utah

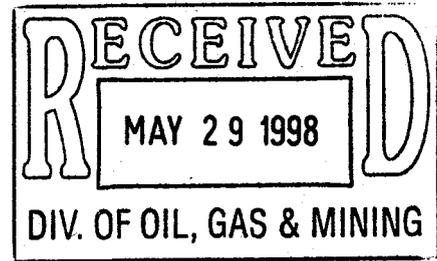
Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Monument Federal #34-31-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, West Point Unit.

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



INLAND PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

MONUMENT FEDERAL #34-31-8-16

WEST POINT UNIT

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

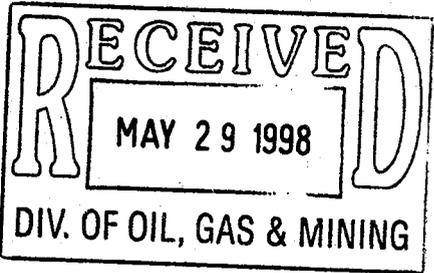
LEASE #U-74389

MAY 22, 1998

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ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – MONUMENT FEDERAL #34-31-8-16
ATTACHMENT E-1	WELLBORE DIAGRAM – MONUMENT FEDERAL #44-31
ATTACHMENT E-2	WELLBORE DIAGRAM – NINE MILE #3-6
ATTACHMENT E-3	WELLBORE DIAGRAM – MONUMENT FEDERAL #31-6-9-16
ATTACHMENT E-4	WELLBORE DIAGRAM – MONUMENT FEDERAL #41-6-9-16
ATTACHMENT F	WATER ANALYSIS OF THE FLUID TO BE INJECTED
ATTACHMENT F-1	WATER ANALYSIS OF THE FLUID IN THE FORMATION
ATTACHMENT F-2	WATER ANALYSIS OF THE COMPATIBILITY OF THE FLUIDS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORT DATED 12-23-96
ATTACHMENT G-2	FRACTURE REPORT DATED 12-30-96
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUGGING AND ABANDONMENT
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

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

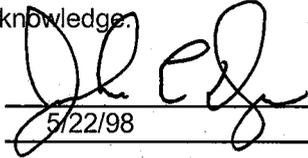
Well Name and number: Monument Federal #34-31-8-16
Field or Unit name: Monument Butte (Green River) West Point Unit Lease No. U-74389
Well Location: QQ SWSE section 31 township 8S range 16E county Duchesne

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: 12/20/96
API number: 43-013-31715

Proposed injection interval: from 5113' to 5650'
Proposed maximum injectic n: rate 500 bpd pressure 2172 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 5/22/98
Phone No. (303) 292-0900

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

Monument Federal #34-31-8-16

Spud Date: 12/13/96
 Put on Production: 1/22/97
 GL: ? KB: ?

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 6 jts. (251.55')
 DEPTH LANDED: 261.55' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est ? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6032.88')
 DEPTH LANDED: 6053' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 290 sk Premium & 385 sxs 50/50 Poz
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/LS tbg.
 NO. OF JOINTS: 184 jts.
 TUBING ANCHOR: 5071'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH:
 SN LANDED AT: 5688'

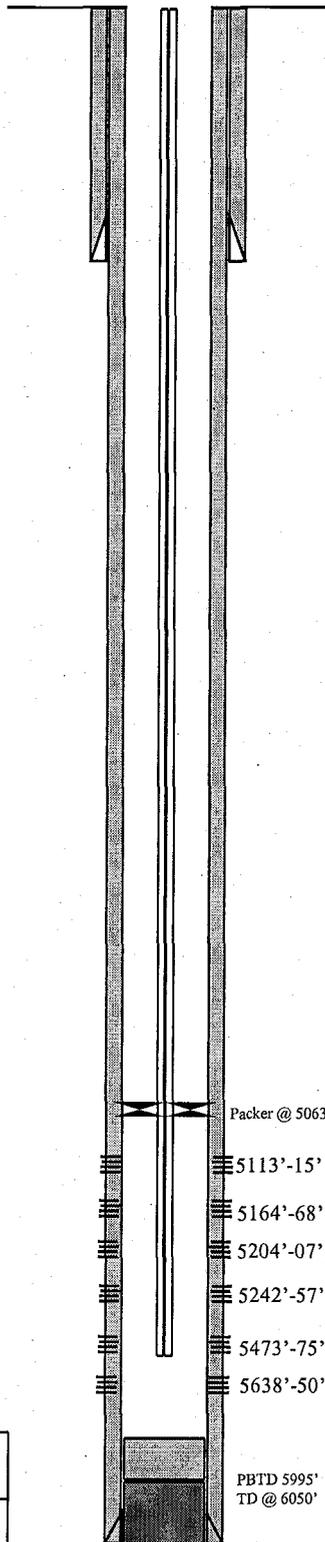
SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 TOTAL ROD STRING LENGTH:
 PUMP NUMBER:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 LOGS:

FRAC JOB

12-23-96 5473'-5650' Frac as follows:
 12,350# of 20/40 sand and 30,409# 16/30 sand in 17,976 gal 2% KCL water.
 Treated @ avg rate of 36 bpm w/avg press of 3000 psi. ISIP-2420 psi, 5-min 2210 psi.

12-30-96 5113'-5257' Frac as follows:
 25,790# 20/40 sand and 37,210# 16/30 sand in 22,806 gals 2% KCL water.
 Treated @ avg rate of 40 BPM w/avg press of 2500 psi. ISIP-2200 psi, 5 min 1620 psi.



PERFORATION RECORD

Date	Depth Range	Number of JSPF	Number of Holes
12/21/96	5473'-5473'	2 JSPF	4 holes
12/21/96	5638'-5650'	1 JSPF	12 holes
12/27/96	5113'-5115'	4 JSPF	8 holes
12/27/96	5164'-5168'	4 JSPF	16 holes
12/27/96	5204'-5207'	4 JSPF	12 holes
12/27/96	5242'-5257'	2 JSPF	30 holes



Inland Resources Inc.
Monument Federal #34-31-8-16
 723 FSL 1970 FEL
 SWSE Section 31-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31715; Lease #UTU-74389

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 Monument Federal #34-31-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, West Point Unit.

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

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

- 2.5 **The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Douglas Creek Member of the Green River Formation. In the Monument Federal #34-31-8-16 well, the proposed injection zone is from 5113'-5650'. 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 5113'.

- 2.6 **A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Federal #34-31-8-16 is on file with the Utah Division of Oil, Gas and Mining.

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

The 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.

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

See Attachment B.

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

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

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

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

This proposed injection well is on a Federal lease (Lease #U-74389), in the Monument Butte (Green River) Field, West Point 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 261.55' GL, and the 5-1/2" casing run from surface to 6053' 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 2172 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 Monument Federal #34-31-8-16, for proposed zones (5113' - 5650') calculates at .86 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 2172 psig. See Attachment G through G-2.

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 Monument Federal #34-31-8-16, the injection zone (5113'-5650') 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-4.

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

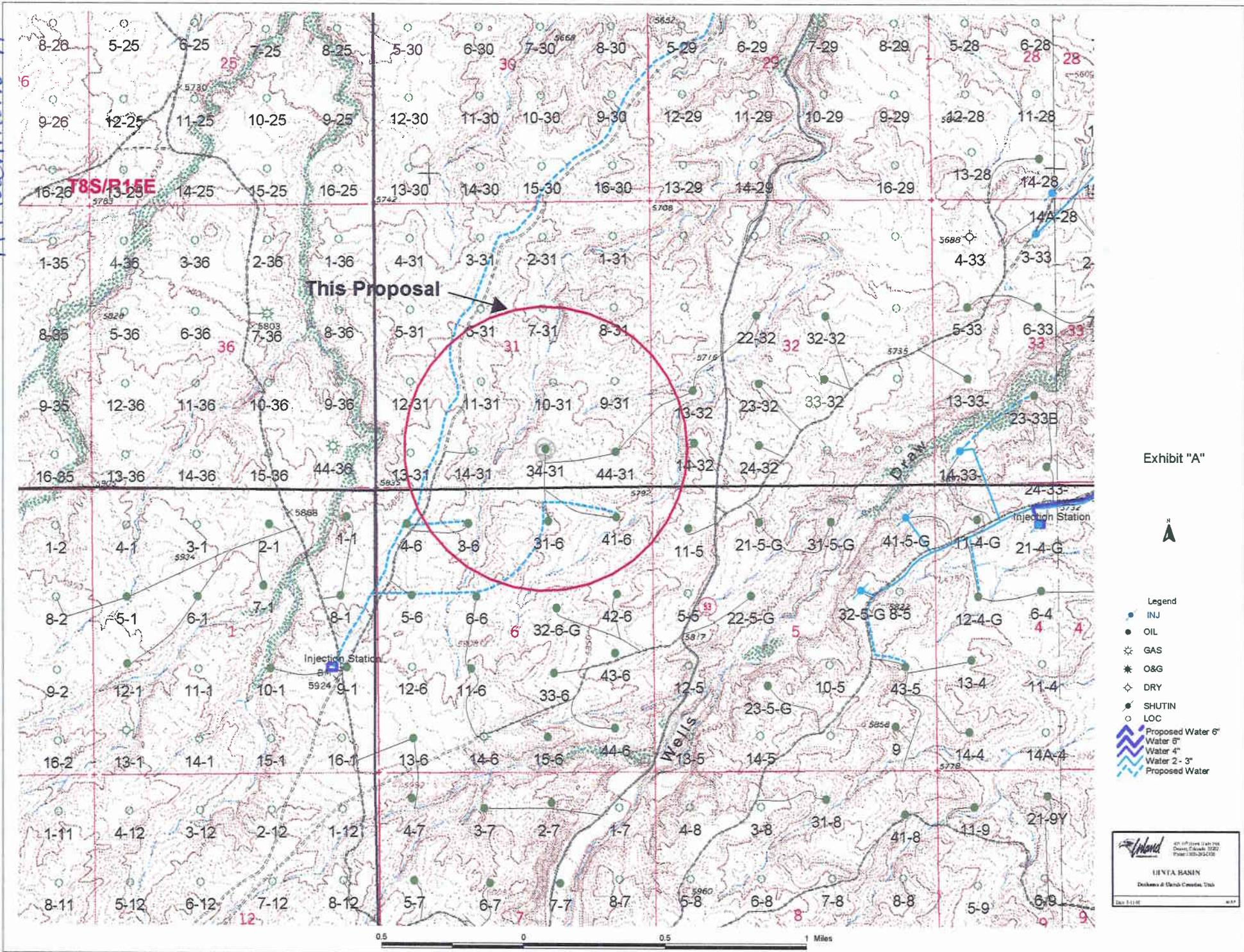


Exhibit "A"



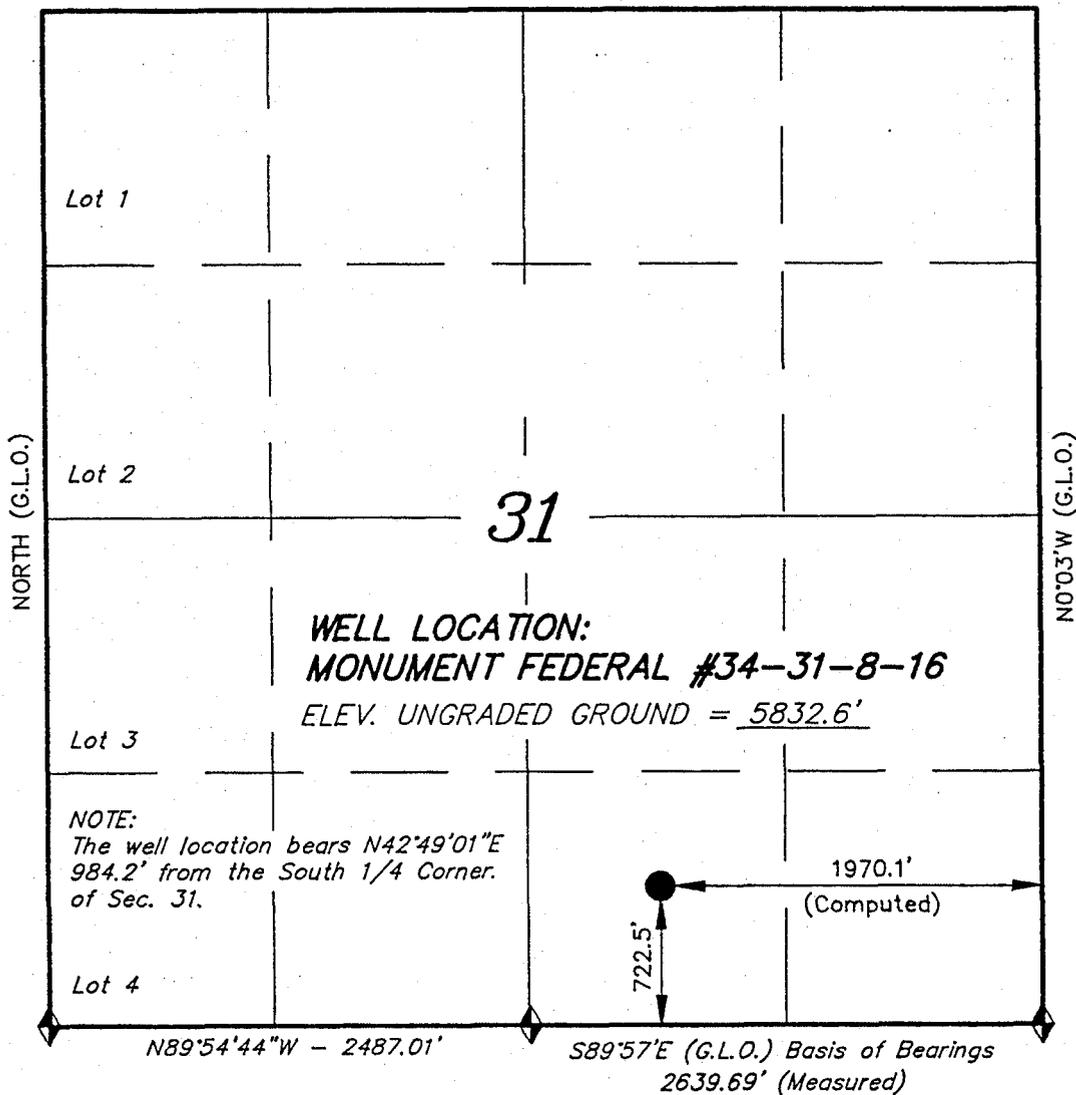
- Legend
- INJ
- OIL
- GAS
- O&G
- DRY
- SHUTIN
- LOC
- Proposed Water 6"
- Water 6"
- Water 4"
- Water 2-3"
- Proposed Water

Inland
401 West 10th Street
Denver, Colorado 80202
Phone: 303.733.2100
Uthmaniyah Basin
Dukhara & Uthmaniyah, Iraq
Date: 5-11-08

Attachment A-1

T8S, R16E, S.L.B.&M.

S89°58'E - 77.57 (G.L.O.)



NOTE:
 The well location bears N42°49'01"E
 984.2' from the South 1/4 Corner
 of Sec. 31.

WELL LOCATION:
MONUMENT FEDERAL #34-31-8-16
 ELEV. UNGRADED GROUND = 5832.6'

◆ = SECTION CORNERS LOCATED

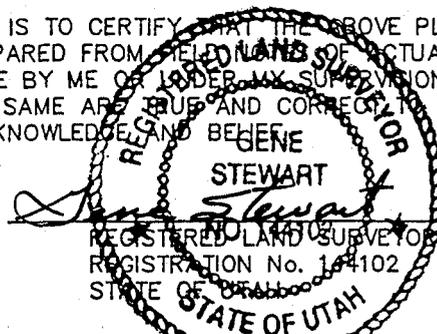
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL
 #34-31-8-16, LOCATED AS SHOWN IN
 THE SW 1/4 SE 1/4 OF SECTION 31,
 T8S, R16E, S.L.B.&M. DUCHESNE
 COUNTY, UTAH.



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



TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
 (801) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G. Stewart

DATE: 9-6-96

WEATHER:

NOTES:

FILE #

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 8 South, Range 16 East Section 20: All Section 22: E/2NW/4 Section 27: N/2NW/4 Section 30: SE/4SE/4 Section 31: Lots 1-4, NE/4, E/2NW/4 NE/4SW/4, N/2SE/4, SW/4SE/4	UTU-74389 HBP	Inland Production Company Yates Petroleum Corporation ABO Petroleum Corporation Yates Drilling Company Myco Industries	(Surface Rights) USA
2	Township 8 South, Range 16 East Section 31: SE/4SW/4, SE/4SE/4	UTU-49950 HBP	Inland Production Company Interline Resources Corporation Producers Pipeline Corporation	(Surface Rights) USA
3	Township 9 South, Range 16 East Section 6: All Section 7: All Section 8: W/2 Section 9: NW/4SW/4 Section 17: NW/4 Section 18: L 1,2, NE/4, E/2NW/4	U-74390 HBP	Inland Production Company Yates petroleum Corporation ABO Petroleum Corporation Yates Drilling Company Myco Industries	(Surface Rights) USA

Attachment B
(Pg 1 of 2)

EXHIBIT B

Page 2

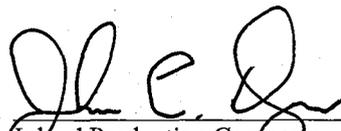
#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4	Township 9 South Range 16 East Section 5: L 4, SW/4NW/4	UTU-69744 HBP	Interline Resources Corporation Producers Pipeline Corporation	(Surface Rights) USA
5	Township 8 South Range 16 East Section 32: ALL	ML-21836 HBP	Chevron USA, Inc	(Surface Rights) State of Utah

ATTACHMENT C

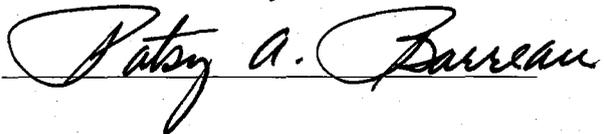
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Monument Federal #34-31-8-16

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

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

Sworn to and subscribed before me this 22nd day of May, 1998.

Notary Public in and for the State of Colorado: 



My Commission Expires 11/14/2000

Monument Federal #34-31-8-16

Spud Date: 12/13/96
 Put on Production: 1/22/97
 GL: ? KB: ?

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 6 jts. (251.55')
 DEPTH LANDED: 261.55' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est ? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6032.88')
 DEPTH LANDED: 6053' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 290 sk Premium & 385 sxs 50/50 Poz
 CEMENT TOP AT:

TUBING

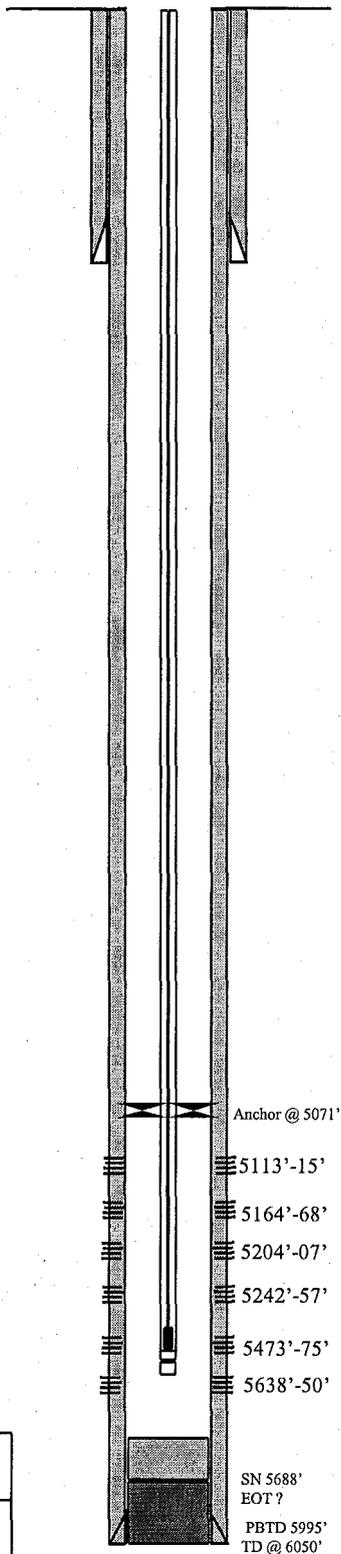
SIZE/GRADE/WT.: 2-7/8"/6.5#/LS tbg.
 NO. OF JOINTS: 184 jts.
 TUBING ANCHOR: 5071'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH:
 SN LANDED AT: 5688'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 225-3/4" plain rods, 1-6' pony
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2"x1-1/2"x16' RWAC
 STROKE LENGTH: 100"
 PUMP SPEED, SPM: 4.8 SPM
 LOGS:

FRAC JOB

12-23-96 5473'-5650' Frac as follows:
 12,350# of 20/40 sand and 30,409# 16/30 sand in 17,976 gal 2% KCL water.
 Treated @ avg rate of 36 bpm w/avg press of 3000 psi. ISIP-2420 psi, 5-min 2210 psi.
 12-30-96 5113'-5257' Frac as follows:
 25,790# 20/40 sand and 37,210# 16/30 sand in 22,806 gals 2% KCL water.
 Treated @ avg rate of 40 BPM w/avg press of 2500 psi. ISIP-2200 psi, 5 min 1620 psi.



PERFORATION RECORD

Date	Interval	JSPF	Holes
12/21/96	5473'-5473'	2 JSPF	4 holes
12/21/96	5638'-5650'	1 JSPF	12 holes
12/27/96	5113'-5115'	4 JSPF	8 holes
12/27/96	5164'-5168'	4 JSPF	16 holes
12/27/96	5204'-5207'	4 JSPF	12 holes
12/27/96	5242'-5257'	2 JSPF	30 holes

Anchor @ 5071'
 5113'-15'
 5164'-68'
 5204'-07'
 5242'-57'
 5473'-75'
 5638'-50'

SN 5688'
 EOT ?
 PBTD 5995'
 TD @ 6050'



Inland Resources Inc.
Monument Federal #34-31-8-16
 723 FSL 1970 FEL
 SWSE Section 31-T8S-R16E
 Duchesne Co, Utah
 API #43-013-31715; Lease #UTU-74389

Attachment E-1

Monument Federal #44-31
Section 31-Township 8S-Range 16E
Duchesne County, Utah

This well is not operated by Inland and there is no information available.

Nine Mile #3-6

Spud Date: 10/16/97
 Put on Production: 12/3/97
 GL: 5841' KB: 5853'

Initial Production: 52 BOPD,
 81 MCFPD, 12 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH:
 DEPTH LANDED: 282.12'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est ? bbls to surf.

PRODUCTION CASING

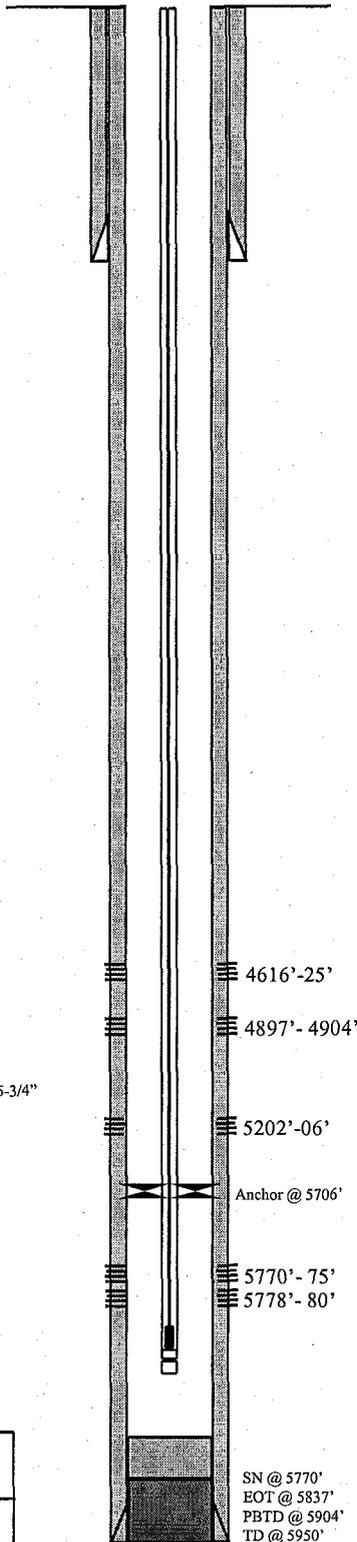
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5931')
 DEPTH LANDED: 5944'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 380 sks Hibond mixed & 335 sks thixotropic
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 182 jts
 TUBING ANCHOR: 5706'
 TOTAL STRING LENGTH: ?
 SN LANDED AT: 5770'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-11/2" wt rods; 4-3/4" scraped; 126-3/4" plain; 95-3/4" scraped; 1-8", 1-4", 1-4"x3/4" pony rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2" RHAC
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 5.5 SPM
 LOGS: DIGL/SP/GR/CAL (5950'-300')
 DSN/SDL/GR (5918'-3000')



FRAC JOB

11/21/97 5770'-5780' Frac CP sand as follows:
 95,300# of 20/40 sd in 504 bbls Delta Frac. Treated @ avg rate 28 bpm, avg press 2110 psi. Breakdown @ 3618 psi. ISIP-2612 psi, 5-min 2117 psi. Flowback for 3 hrs & died.

11/23/97 5202'-5206' Frac B sand as follows: 95,300# of 20/40 sd in 492 bbls Delta Frac. Breakdown @ 3401 psi. Treated @ avg rate of 26.4 BPM, avg press 2250 psi. ISIP-2060 psi, 5-min 1866 psi. Flowback on 12/64" ck for 4 hrs & died.

11/26/97 4897'-4904' Frac D sand as follows:
 95,300# 20/40 sand in 501 bbls Delta Frac. Breakdown @ 2095 psi. Treated w/avg press of 2090 psi w/avg rate of 25.9 BPM. ISIP - 2611 psi, 5 min 2496 psi. Flowback on 12/64" ck for 3-1/2 hrs & died.

11/29/97 4616'-4625' Frac PB sand as follows:
 95,300# 20/40 sand in 479 bbls of Delta Frac. Breakdown @ 2316 psi. Treated @ avg press of 2210 psi w/avg rate of 26BPM. ISIP-2762 psi, 5 min 2551 psi. Flowback on 12/64" ck for 2 hrs & died.

PERFORATION RECORD

Date	Depth Range	Number of JSPF	Number of Holes
11/19/97	5770'-5775'	4 JSPF	20 holes
11/19/97	5778'-5780'	4 JSPF	8 holes
11/22/97	5202'-5206'	4 JSPF	16 holes
11/25/97	4897'-4904'	4 JSPF	28 holes
11/27/97	4616'-4625'	4 JSPF	36 holes

SN @ 5770'
 EOT @ 5837'
 PBTD @ 5904'
 TD @ 5950'



Inland Resources Inc.

Nine Mile #3-6

663 FNL 1728 FWL

NENW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31816; Lease #UTU-74390

Monument Federal #31-6-9-16Y

Spud Date: 11/20/96

Put on Production: 1/2/97

GL: 5855.4'

Initial Production: 62 BOPD,
193 MCFPD, 16 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH:

DEPTH LANDED: 260.50'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est ? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH:

DEPTH LANDED: 5986.71'

HOLE SIZE: 7-7/8"

CEMENT DATA: 310 sxs "C" & 435 sxs 50/50 Poz

CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 173 jts

TUBING ANCHOR: 5512'

TOTAL STRING LENGTH: ?

SN LANDED AT: 5606'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4-11/2" wt rods; 6-3/4" guided; 192-3/4" slick; 20 guided

PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC

STROKE LENGTH: 86"

PUMP SPEED, SPM: 6 SPM

LOGS: LDT/CNL, DLL/GR, CBL/GR

FRAC JOB

4938'-4954'

Frac as follows:

Break down w/ 2478 gals 2% KCL water.
Frac w/ 8200# 20/40 mesh sand and
20,300# 16/30 mesh sand w/12,684 gals
2% KCL gelled water.

5046'-5053'

Frac as follows:

Break down w/ 1764 gals 2% KCL water.
Frac w/12,900# 20/40 mesh sand and
32,400# 16/30 mesh sand w/17,472 gals
2% KCL gelled water.

5147'-5155'

Frac as follows:

Break down w/1596 gals 2% KCL water.
Frac w/12,900# 20/40 mesh sand and
32,400# 16/30 mesh sand w/17,472 gals
2% KCL gelled water.

5342'-5352'

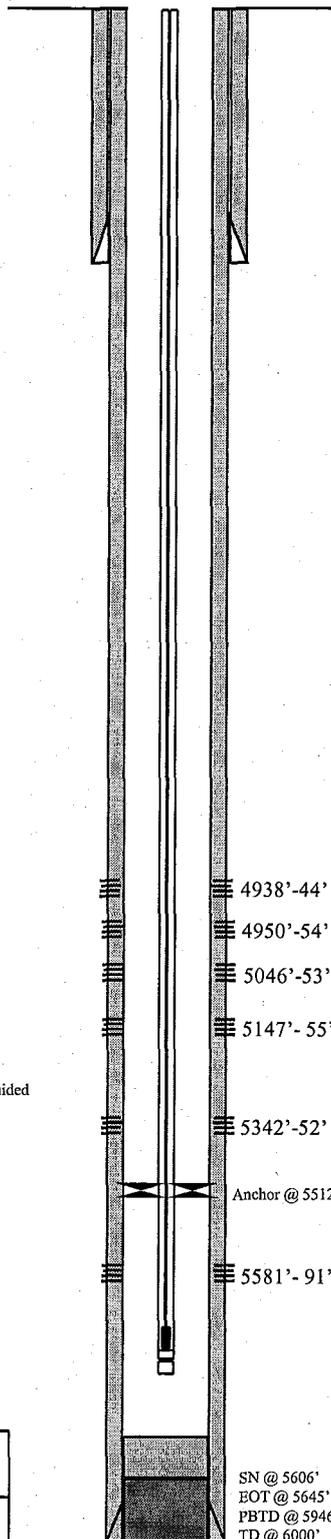
Frac as follows:

Break down w/2646 gals 2% KCL water.
Frac w/8,600# 20/40 mesh sand and
24,200# 16/30 mesh sand w/13,566 gals
2% KCL gelled water.

5581'-5591'

Frac as follows:

Break down w/2394 gals 2% KCL water.
Frac w/87,000# 20/40 mesh sand and
18,800# 16/30 mesh sand w/14,196 gals
2% KCL gelled water.



PERFORATION RECORD

4938'-4944'	4 JSPP	24 holes
4950'-4954'	4 JSPP	16 holes
5046'-5053'	4 JSPP	28 holes
5147'-5155'	4 JSPP	32 holes
5342'-5352'	4 JSPP	40 holes
5581'-5591'	4 JSPP	40 holes

SN @ 5606'
EOT @ 5645'
PBTD @ 5946'
TD @ 6000'



Inland Resources Inc.

Monument Federal #31-6-9-16Y

624 FNL 1926 FEL

NENW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31717; Lease #UTU-74390

Monument Federal #41-6-9-16Y

Spud Date: 11/29/96
 Put on Production: 1/7/97
 GL: 5802.7'

Initial Production: 136 BOPD,
 91 MCFPD, 107 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 5 jts (250.70')
 DEPTH LANDED: 260.70'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 140 jts (5985.41')
 DEPTH LANDED: 5995.41'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 310 sxs Class "G" & 435 sxs 50/50 Poz
 CEMENT TOP AT: 304' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 179 jts
 TUBING ANCHOR: 4301'
 TOTAL STRING LENGTH: ?
 SN LANDED AT: ?'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 220-3/4" plain, 1-6', 2-2"x3/4" pony pony
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' TWAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5.8 SPM
 LOGS: CBL/GR

FRAC JOB

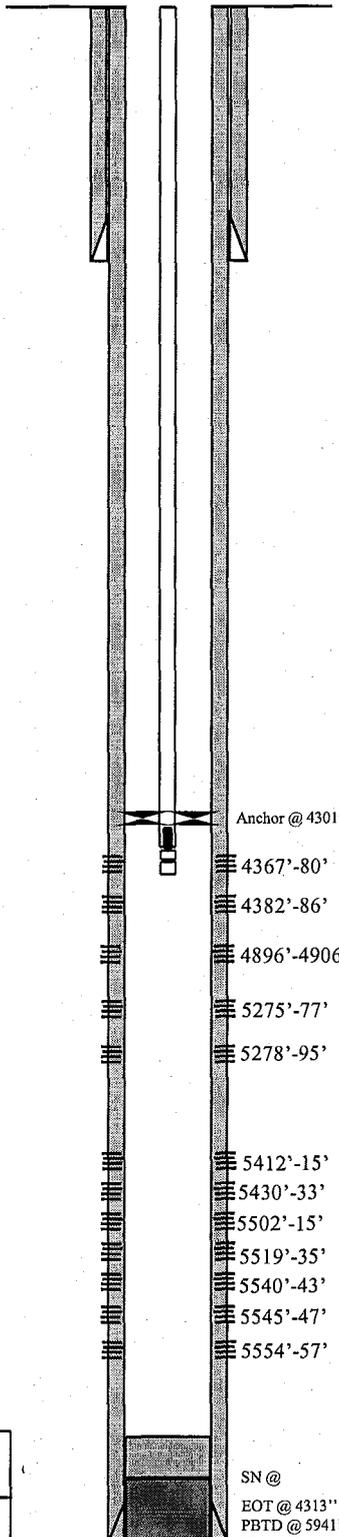
12-11-96 5412'-5557' Frac as follows:
 Frac w/ 49,950# 20/40 mesh sand and 109,060# 16/30 mesh sand w/45,024 gals 2% KCL gelled water. ISIP-2550 psi, 5 min 2240 psi. ATP-2750 psi and ATR-44 BPM.

12-13-96 5275'-5295' Frac as follows:
 Frac w/16,600# 20/40 mesh sand and 40,800# 16/30 mesh sand w/18,606 gals 2% KCL gelled water. ISIP-2500 psi, 5 min 1890 psi. ATP-1850 psi and ATR-26.1 BPM.

12-13-96 5114'-5119' Frac as follows:
 Frac w/17,500# 16/30 mesh sand w/10,710 gals 2% KCL gelled water. ATP-2000 psi and ATR-26 BPM. ISIP-1870 psi, 5 min 1650 psi.

12-17-96 4896'-4906' Frac as follows:
 Frac w/31,000# 16/30 mesh sand w/13,062 gals 2% KCL gelled water. ATP-2200 psi and ATR-25.5 BPM. ISIP-2800 psi, 5 min 1990 psi.

12-17-96 4367'-4386' Frac as follows:
 Frac w/51,000# 16/30 mesh sand in 17,304 gals 2% KCL gelled water. ATP-2200 psi. ATR-25.8 BPM. ISIP-3150 psi, 5 min 2090 psi.



PERFORATION RECORD

Date	Interval	Number of Holes	Holes per Foot
12-11-96	5412'-5415'	2	JSPF 6 holes
12-11-96	5430'-5433'	2	JSPF 6 holes
12-11-96	5502'-5515'	2	JSPF 26 holes
12-11-96	5519'-5535'	2	JSPF 32 holes
12-11-96	5540'-5543'	2	JSPF 6 holes
12-11-96	5545'-5547'	2	JSPF 4 holes
12-11-96	5554'-5557'	2	JSPF 6 holes
12-13-96	5275'-5277'	4	JSPF 8 holes
12-13-96	5278'-5295'	4	JSPF 68 holes
12-16-96	4896'-4906'	4	JSPF 40 holes
12-17-96	4367'-4380'	4	JSPF 52 holes
12-17-96	4382'-4386'	4	JSPF 16 holes

SN @
 EOT @ 4313"
 PBTD @ 5941"
 TD @ 6000'



Inland Resources Inc.

Monument Federal #41-6-9-16Y

560 FNL 656 FEL

NENW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31718; Lease #UTU-74390

Attachment F

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

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

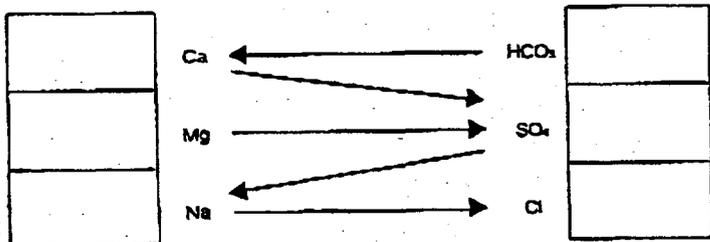
WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-14-98
 Source Johnson Water Date Sampled _____ Analysis No. _____
FRESH WATER

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

*Mill equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	64.00	<u>1</u>			<u>84</u>
Na ₂ SO ₄	71.03	<u>2</u>			<u>142</u>
NaCl	58.46	<u>1</u>			<u>59</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

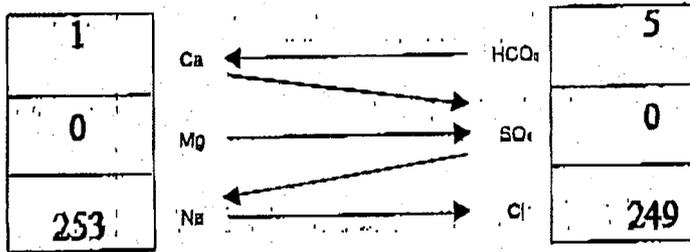
WATER ANALYSIS REPORT

Company INLAND Address _____ Date 05-18-98
Source MONUMENT FEDERAL 34-31 Date Sampled 05-13-98 Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	<u>9.3</u>		
2. H ₂ S (Qualitative)	<u>0</u>		
3. Specific Gravity	<u>1.014</u>		
4. Dissolved Solids		<u>15,035</u>	
5. Alkalinity (CaCO ₃)		<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>300</u>	+ 61 <u>5</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>8,900</u>	+ 35.5 <u>249</u> Cl
9. Sulfates (SO ₄)		<u>0</u>	+ 48 <u>0</u> SO ₄
10. Calcium (Ca)		<u>16</u>	+ 20 <u>1</u> Ca
11. Magnesium (Mg)		<u>0</u>	+ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>40</u>	
13. Total Iron (Fe)		<u>1.2</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equly. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04		<u>1</u>		<u>81</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		<u>4</u>		<u>336</u>
Na ₂ SO ₄	71.03				
NaCl	68.46		<u>249</u>		<u>14,557</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

Received Time May 18 4:06PM

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
 LOCATION:
 SYSTEM:

05-18-98

WATER DESCRIPTION:	JOHNSON WATER	MF 34-31
P-ALK AS PPM CaCO3	0	0
M-ALK AS PPM CaCO3	492	492
SULFATE AS PPM SO4	110	0
CHLORIDE AS PPM Cl	35	8900
HARDNESS AS PPM CaCO3	0	0
CALCIUM AS PPM CaCO3	110	40
MAGNESIUM AS PPM CaCO3	90	0
SODIUM AS PPM Na	92	5819
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	15035
TEMP (DEG-F)	150	150
SYSTEM pH	7	9.3

WATER COMPATIBILITY CALCULATIONS
 JOHNSON WATER AND MF 34-31
 CONDITIONS: TEMP.=150 AND pH=8.2
 WATER ONE IS JOHNSON WATER

% OF WATER # 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.48	36	0	0	0
90	1.40	34	0	0	0
80	1.31	31	0	0	0
70	1.23	28	0	0	0
60	1.14	26	0	0	0
50	1.05	23	0	0	0
40	.96	20	0	0	0
30	.86	18	0	0	0
20	.76	15	0	0	0
10	.67	12	0	0	0
0	.57	9	0	0	0

Attachment G

**Monument Federal #34-31-8-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5473	5650	5562	2420	0.87	2380
5113	5257	5185	2200	0.86	2172
				Minimum	<u>2172</u>

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$$
 where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.005.

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



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

TREATMENT REPORT
 Attachment G-2

DATE OF TREATMENT: 12-30/96

Well Name: Monument Fed 34-31-8-16 Sec. 31 T.M.N. 8 S R.N.G. 16 E
 Field: MONUMENT RITE County: Dewey State: MT
 Formation: GREEN RIVER (R-5, G-1U, G-1 ZONES)
 Perforations: 5113'-15', 5164'-68', 5204'-07', 5242'-57'

Treatment Type: SAND FRAC Total Number of Holes: 166
 Treatment Company: RS Services SAND CHARACTERISTICS

VOLUME		FLUID	CONC.			SIZE	SAND VOLUME	
SLURRY BBLs	CLEAN GAL		# / GAL	BPM	PSI		CALC.	ACTUAL
162	162	2% KCL WATER (PTU)	—	40.1	2420	— / —	— #	— #
189	26	" " "	2	37.1	2690	20 / 40	2000 #	2000 #
230	31	" " "	4	34.1	2640	20 / 40	4400 #	4400 #
258	38	" " "	5	31.6	2570	20 / 40	6500 #	6500 #
322	124	" " "	10	30.7	2480	20 / 40	12600 #	12890 #
416	911	" " "	10	29.8	2520	16 / 30	18600 #	18600 #
486	73	" " "	7	33.0	2540	16 / 30	28000 #	19810 #
610	121	" " " (Flush)	—	39.0	3800	— / —	— #	— #
						1	#	#
						1	#	#

TOTAL FLUID PUMPED: _____ gal. _____ % Acid
 _____ gal. 2% KCL WATER Fluid
 TOTAL SAND VOLUME: 25790 lbs. 201 / 40 sand
37210 lbs. 16 / 30 sand
 _____ lbs. 1 sand

Flushed well with 5082 gal. of 2% KCL WATER
 _____ ball sealers were pumped. Was ball action seen? _____

Barrels of Load to Recover 543 BLTR.
 Avg. Treating Pressure = 2500 psi, max = 3820 psi, min. = 2420 psi.
 Avg. Treating Rate = 40 bpm, max = 40.1 bpm, min. = 29.8 bpm.
 ISIP = 2200 psi, 5 min. = 1620 psi, 10 min. = 1540 psi, 15 min. = 1450 psi.
 Well will be shut in for 0 hours before bringing back fluid. 30 min = 1260 psi.

REMARKS: 7 BBLs To Load Hole.
START Forced Closure Flowback AT 1 AM. (GW-38 CM/SEC, G-1 TYPE)
 Wellsite Supervisor: Don Caswell

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 687' plug from 5013'-5700' with 120 sxs Class "G" cement.
2. Plug #2 Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
3. Plug #3 Set 100' plug from 212'-312' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
6. Plug #6 Set 50' plug from surface with 10 sxs Class "G" cement.
7. Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 262' to surface.

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

Monument Federal #34-31-8-16

Spud Date: 12/13/96
 Put on Production: 1/22/97
 GL: ? KB: ?

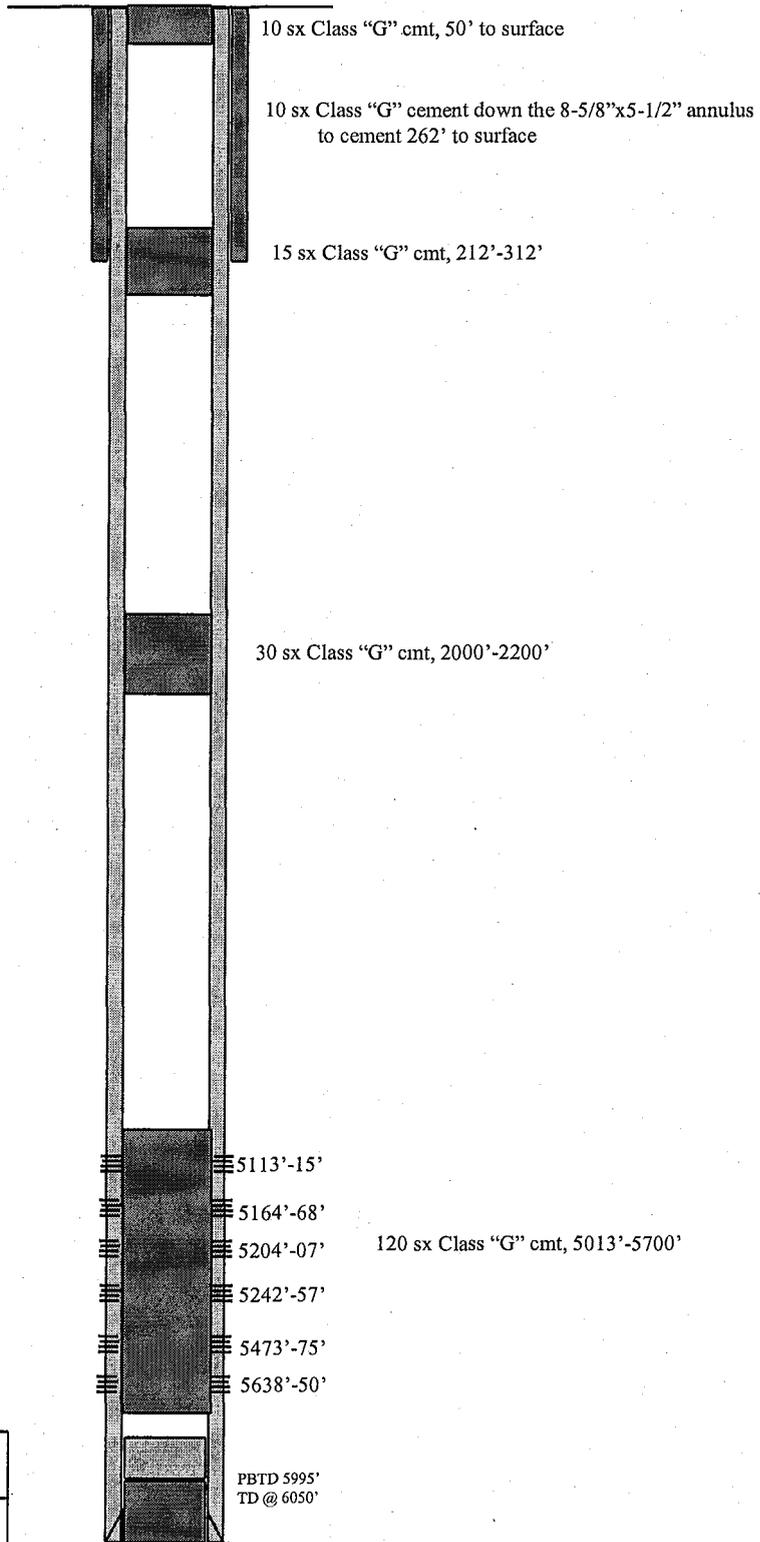
SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 6 jts. (251.55')
 DEPTH LANDED: 261.55' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est ? bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6032.88')
 DEPTH LANDED: 6053' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 290 sk Premium & 385 sxs 50/50 Poz
 CEMENT TOP AT:

Proposed P&A Wellbore Diagram



	Inland Resources Inc.
	Monument Federal #34-31-8-16
	723 FSL 1970 FEL
	SWSE Section 31-T8S-R16E
	Duchesne Co, Utah
	API #43-013-31715; Lease #UTU-74389



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

September 9, 1998

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: West Point Unit Wells: Monument Federal 32-6-9-16Y, 41-18, 34-31-8-16 & 23-7, Nine Mile 11-6, 13-6, 5-7, 7-7, 15-7, & 3-7-9-16, Sections 6, 7, 18 & 31, Townships 8 & 9 South, Range 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced 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:** Monument Federal 34-31-8-16

Location: 31/8S/16E **API:** 43-~~047~~-31715
013

Ownership Issues: The proposed well is located on Federal land. The well is located in the West Point Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government and the State of Utah (SITLA) are the mineral owners within the area of review. Inland and various other 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 262 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6053 feet and has a cement top at the surface. 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 5063 feet. A mechanical integrity test will be run on the well prior to injection. There are 3 producing wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 800 feet. Injection shall be limited to the interval between 5113 feet and 5650 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 34-31-8-16 well is .86 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2172 psig. The requested maximum pressure is 2172 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.

Monument Federal 34-31-8-16
page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the West Point Unit on May 14, 1998. 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: 7/23/98

WEST POINT UNIT WELL LISTING

AS OF 7/13/98

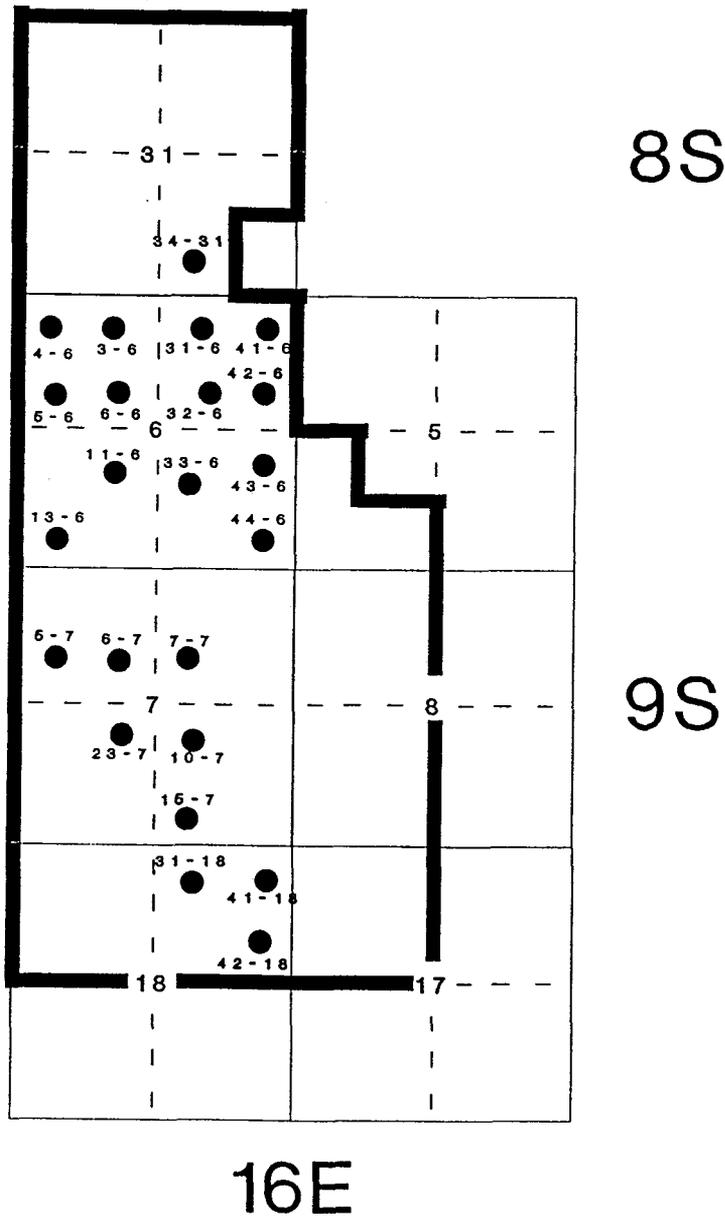
T. 8 & 9S, R. 16E

SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
6	WEST POINT UNIT	MON FED #31-6Y	PROD	4301331717	12060
6	WEST POINT UNIT	FED 32-06-09-16Y	PROD	43013313300	11211
6	WEST POINT UNIT	MON FED #42-6Y	PROD	4301331645	11947
6	WEST POINT UNIT	MON FED #43-6Y	PROD	4301331644	11960
6	WEST POINT UNIT	MON FED #33-6Y	PROD	4301331559	11933
6	WEST POINT UNIT	FED 44-06-09-16Y	PROD	4301331720	12066
7	WEST POINT UNIT	MON FED #23-7X	PROD	4301331694	12019
18	WEST POINT UNIT	MON FED #41-18Y	PROD	4301331646	11941
18	WEST POINT UNIT	FED 31-18-9-16Y	PROD	4301331725	12104
18	WEST POINT UNIT	FED 42-18-09-16Y	PROD	4301331724	12124
*31	WEST POINT UNIT	MON FED 34-31-8-16	PROD	4301331715	12067
6	WEST POINT UNIT	MON FED 41-6-9-16Y	PROD	4301331718	12043
6	WEST POINT UNIT	NINE MILE 3-6	PROD	43013318110	12264
6	WEST POINT UNIT	NINE MILE 11-6	PROD	4301331812	12266
6	WEST POINT UNIT	NINE MILE FEDERAL 15-6-9-16	PROD	4301332010	12327
7	WEST POINT UNIT	NINE MILE 6-7	PROD	4301331776	12290
7	WEST POINT UNIT	NINE MILE 10-7	PROD	4301331773	12286
7	WEST POINT UNIT	NINE MILE FEDERAL 12-7-9-16	PROD	4301332014	12328
6	WEST POINT UNIT	NINE MILE 4-6	PROD	4301331952	12282
6	WEST POINT UNIT	NINE MILE 5-6	PROD	4301331953	12288
6	WEST POINT UNIT	NINE MILE 13-6	PROD	4301331954	12284
6	WEST POINT UNIT	NINE MILE 6-6	PROD	4301331719	12289
7	WEST POINT UNIT	NINE MILE 5-7	PROD	4301331777	12291
7	WEST POINT UNIT	NINE MILE 7-7	PROD	4301331778	12292
7	WEST POINT UNIT	NINE MILE 15-7	PROD	4301331803	12287
7	WEST POINT UNIT	NINE MILE 2-7	PROD	4301332011	12316
7	WEST POINT UNIT	NINE MILE 3-7	PROD	4301332012	12313
7	WEST POINT UNIT	NINE MILE 4-7	PROD	4301332013	12325
	WEST POINT UNIT	NINE MILE 14-6	P&A	4301331999	

WEST POINT (GR) UNIT ENTITY 12418 EFF 6-1-98:

WEST POINT (GREEN RIVER) UNIT Duchesne County, Utah

EFFECTIVE: JUNE 1, 1998



— UNIT OUTLINE (UTU77107X)

2,738.19 ACRES

SECONDARY
ALLOCATION
FEDERAL 100%

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

---ooOoo---

IN THE MATTER OF THE : NOTICE OF AGENCY
APPLICATION OF INLAND : ACTION
PRODUCTION COMPANY FOR :
ADMINISTRATIVE APPROVAL OF : CAUSE NO. UIC-219
THE ~~MONUMENT FEDERAL~~ :
#32-6-9-16Y, 41-18, 34-31-8-16 & :
23-7, NINE MILE 11-6, 13-6, 5-7, 7-7, : 43013 31715
15-7 & 3-7-9-16 WELLS LOCATED IN :
SECTIONS 6, 7, 18 & 31, TOWNSHIP :
8 & 9 SOUTH, RANGE 16 EAST, :
S.L.M., DUCHESNE COUNTY, UTAH, :
AS CLASS II INJECTION WELLS :

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED
MATTER.

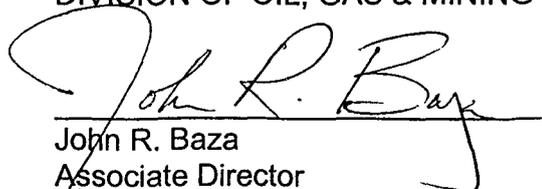
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Monument Federal 32-6-9-16Y, 41-18, 34-31-8-16 & 23-7, Nine Mile 11-6, 13-6, 5-7, 7-7, 15-7 & 3-7-9-16 wells, located in Section 6, 7, 18 & 31, Township 8 & 9 South, Range 16 East, S.L.M., Duchesne 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 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 10th day of July, 1998.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING


John R. Baza
Associate 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)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

July 10, 1998

Newspaper Agency Corporation
Legal Advertising
PO Box 45838
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-219

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,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure



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)

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Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

July 10, 1998

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066-9998

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Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure

**Inland Production Company
Monument Federal 32-6-9-16Y, 41-18, 34-31-8-16 & 23-7,
Nine Mile 11-6, 13-6, 5-7, 7-7, 15-7 & 3-7-9-16 Wells
Cause No. UIC-219**

Publication Notices were sent to the following:

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

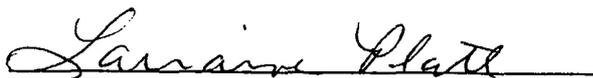
Newspaper Agency Corporation
Legal Advertising
P.O. Box 45838
Salt Lake City, Utah 84145

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

School & Institutional Trust Lands Administration
Attn: Jim Cooper
675 East 500 South
Salt Lake City, Utah 84102



Lorraine Platt
Secretary
July 10, 1998

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-74389

6. If Indian, Allottee or Tribe Name
NA

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

8. Well Name and No.
MONUMENT FEDERAL 34-31-8-16

9. API Well No.
43-013-31715

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0723 FSL 1970 FEL SW/SE Section 31, T08S R16E

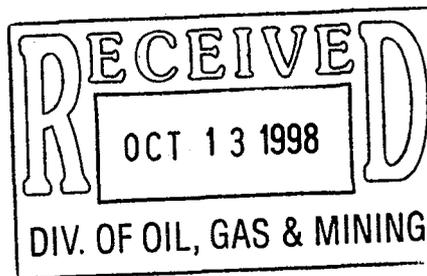
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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



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

Signed Debbie E. Knight Title Manager, Regulatory Compliance Date 10/7/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Inland Production Company Site Facility Diagram

Monument Federal 34-31

SW/SE Sec. 31, T8S, 16E

Duchesne County

May 12, 1998

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

Production Phase:

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

Sales Phase:

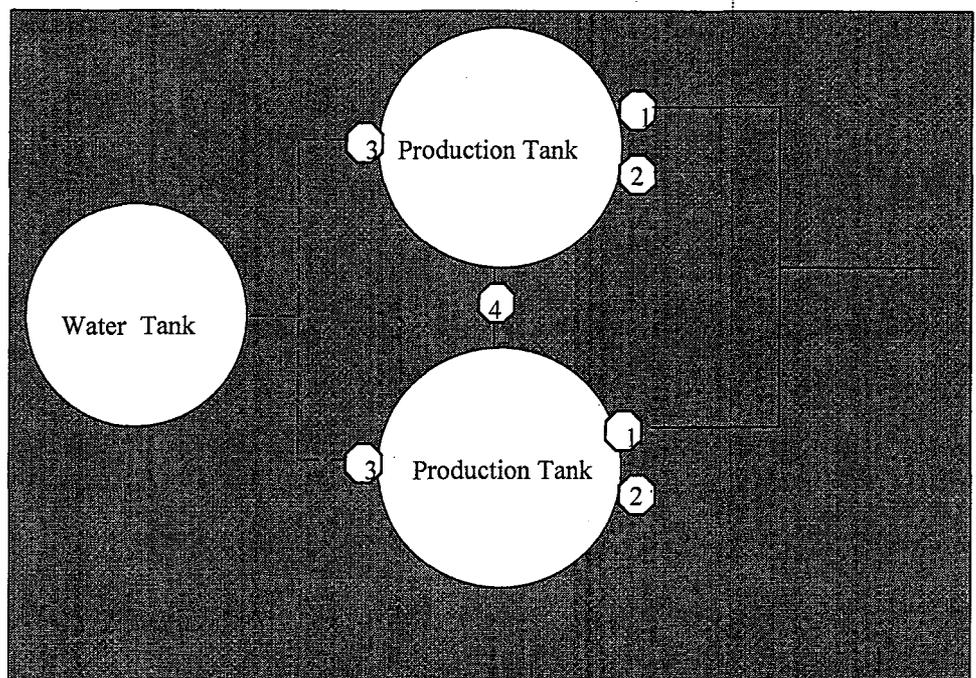
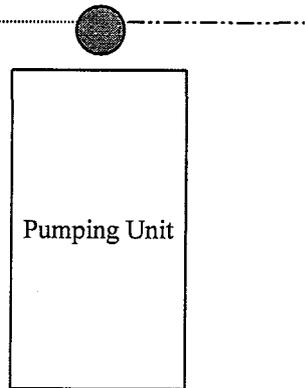
- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Diked Section

Gas Sales Meter



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

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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UTU-74389

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NA

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

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MONUMENT FEDERAL 34-31-8-16

9. API Well No.
43-013-31715

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

WIW **COPY**

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)
0723 FSL 1970 FEL SW/SE Section 31, T08S R16E

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

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

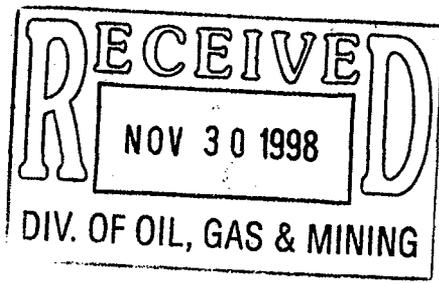
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

The above referenced well converted from a producing oil well to a water injection well on 11-20-98. A mechanical integrity test was performed on 11-23-98. Casing was tested to 1000 psi for 2 hours. Dennis Ingram, DOGM, was contacted on 11-20-98 prior to test.

- Attachments:
- Daily Workover Report"
 - Copy of Chart

*1-14-99 / POW 3270
not in DBASE*



*WTC
3-23-99*

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

Signed *Debbie E. Knight* Title Manager, Regulatory Compliance Date 11/25/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM



Daily Workover Report

MONUMENT FEDERAL 34-31-8-16
SW/SE Section 31, T08S R16E
DUCHESNE Co., Utah
API # 43-013-31715

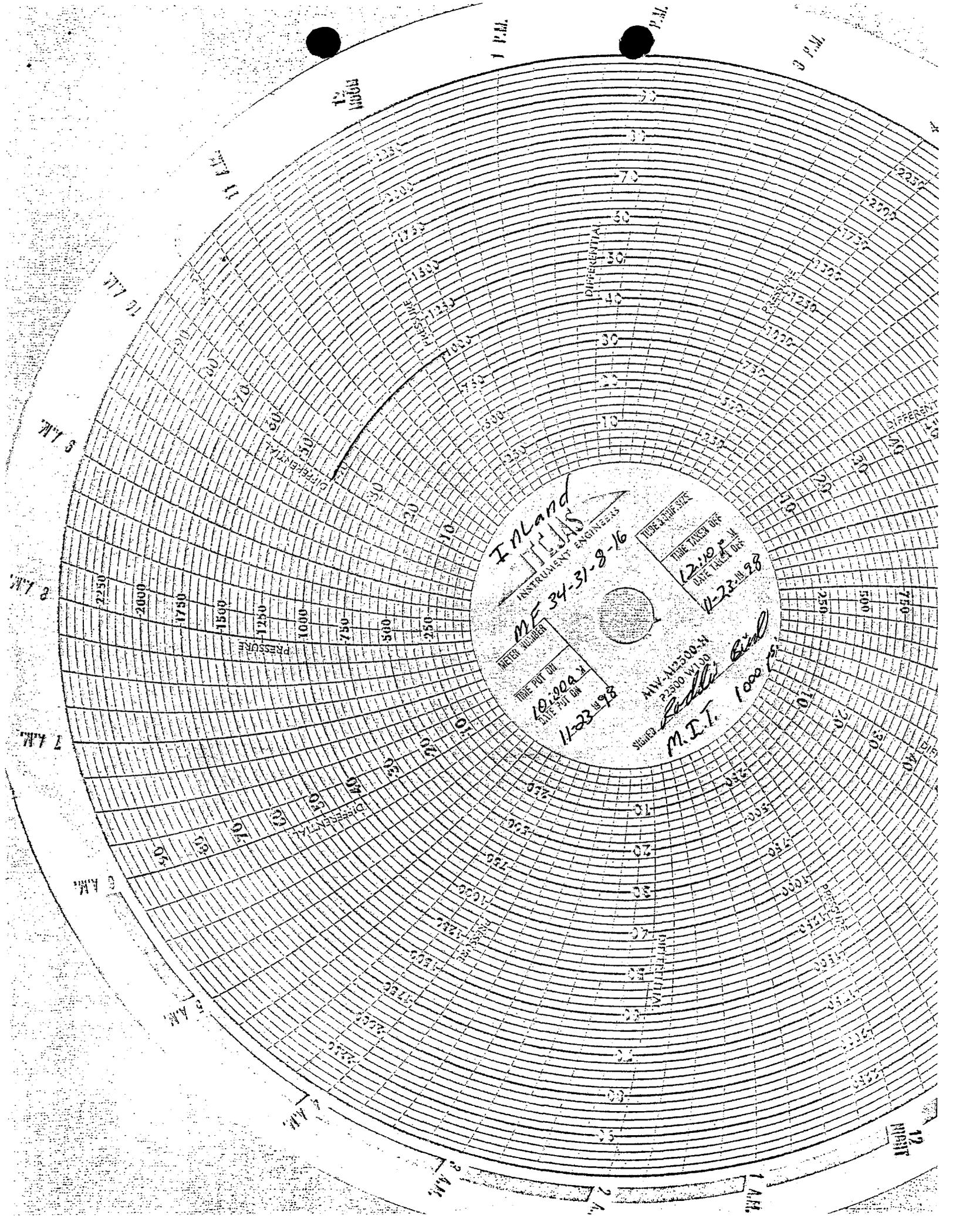
Spud Date: 12/7/96
POP: 1/22/97
TD: 6050'
WO Rig: CWS #52

11/19/98 PO: Injection Conversion. (Day 1)

Summary: 11/18/98 – CP: 0. MIRU CWS Rig #40. Pump 120 BW dn csg @ 250°. RD pumping unit. Unseat rod pump. Flush rods w/60 BW @ 250°. Reseat rod pump. Fill tbg w/10 BW. Press test tbg to 1000 psi. Unseat rod pump. TOH & LD rod string & pump. ND wellhead. Release TA @ 5071'. NU BOP. TOH w/production tbg. LD BHA. TIH w/4-3/4" bit, 5-1/2" csg scraper, 185 jts prod tbg & 8 jts work string tbg to 5961'. Did not tag fill. TOH & LD 31 jts tbg. EOT @ 5003'. RU 2nd set of tongs. SIFN w/est 190 BWTR.
DC: \$2,756 TWC: \$2,756

11/20/98 PO: Perform M.I.T. Inject well. (Day 2)

Summary: 11/19/98 – TP: 0, CP: 0. TOH w/tbg f/5003', breaking each connection & applying Liquid O-Ring to each pin. Re-torque every connection. LD bit & scraper. TIH w/Mountain States Arrowset 1-X packer w/hardened steel slips, 2-7/8 SN, 162 jts 2-7/8 8rd 6.5# J-55 tbg. ND BOP. Land tbg on flange. Pump 60 BW w/pkr fluid & Biocide dn csg. PU on tbg & set pkr @ 5009'. Land tbg w/15,000# tension. NU wellhead. Fill csg w/25 BW. Press test csg & pkr to 1200 psi. Held good for 30 minutes. Leave pressure on csg overnight.
RDSUMOL.
DC: \$10,724 TWC: \$13,480



* 12/01/98

D E T A I L W E L L D A T A

menu: opt 00

api num: 4301331715 prod zone: GRRV sec twnshp range qr-qr
 entity: 12418 : WEST POINT (GR) UNIT 31 8.0 S 16.0 E SWSE
 well name: MONUMENT FED 34-31-8-16

operator: N5160 : INLAND PRODUCTION COMPANY meridian: S

field: 105 : MONUMENT BUTTE

confidential flag: confidential expires: alt addr flag:

* * * application to drill, deepen, or plug back * * *

lease number: UTU-74389 lease type: 1 well type: OW

surface loc: 0723 FSL 1970 FEL unit name:

prod zone loc: 0723 FSL 1970 FEL depth: 6050 proposed zone: GRRV

elevation: 5833' GL apd date: 961114 auth code: R649-3-2

* * completion information * * date recd: 970414 la/pa date:

spud date: 961207 compl date: 970122 total depth: 6050'

producing intervals: 5113-5650'

bottom hole: 0723 FSL 1970 FEL first prod: 970122 well status: POW

24hr oil: 10 24hr gas: 50 24hr water: gas/oil ratio: 5

* * well comments: direction1: api gravity: 34.00

970207 ENTITY ADDED:980226 CONF EXP:980421 FR N9890 9/97:980715 FR ENTITY

12067;UNIT EFF 6-1-98:980824 INT WIW:

opt: 21 api: 4301331715 zone: date(yymm): enty acct: N5700

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-74389

6. If Indian, Allottee or Tribe Name
NA

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

8. Well Name and No.
MONUMENT FEDERAL 34-31-8-16

9. API Well No.
43-013-31715

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other **WIW**

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)
0723 FSL 1970 FEL SW/SE Section 31, T08S R16E

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

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	<input type="checkbox"/> New Construction
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(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 12/2/98.

*WTC
3-23-99
RSH*

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

Signed Shannon Smith Title Engineering Secretary Date 1/19/99

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
DEC 10 1998

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

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Oil Well Gas Well Other

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	<input type="checkbox"/> Dispose Water

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

RECEIVED
NOV 30 1998

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WTC
3-23-99
PSK

Attachments:

- Daily Workover Report"
- Copy of Chart

RECEIVED
MAR 15 1999
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 11/25/98

(This space for Federal or State office use)

Approved by NOTED Title _____ Date DEC 08 1998

Conditions of approval, if any:
CC: UTAH DOGM

OPERATOR

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <p style="text-align: center;">UTU-74389</p>	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> INJECTION WELL <input type="checkbox"/> WELL <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <p style="text-align: center;">N/A</p>	
2. NAME OF OPERATOR <p style="text-align: center;">INLAND PRODUCTION COMPANY</p>		7. UNIT AGREEMENT NAME <p style="text-align: center;">WEST POINT (GR RVR)</p>	
3. ADDRESS OF OPERATOR <p style="text-align: center;">Rout # 3 Box 3630 Myton, Utah 84052 (435) 646-3721</p>		8. FARM OR LEASE NAME <p style="text-align: center;">MONUMENT FEDERAL 34-31-8-16</p>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <p style="text-align: center;">SW/SE 0723 FSL 1970 FEL</p>		9. WELL NO. <p style="text-align: center;">34-31-8-16</p>	
14 API NUMBER <p style="text-align: center;">43-013-31715</p>		10 FIELD AND POOL, OR WILDCAT <p style="text-align: center;">MONUMENT BUTTE</p>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <p style="text-align: center;">5833 GL</p>		11 SEC., T., R., M., OR BLK. AND SURVEY OR AREA <p style="text-align: center;">SW/SE Section 31, T08S R16E</p>	
12 COUNTY OR PARISH <p style="text-align: center;">DUCHESNE</p>		13 STATE <p style="text-align: center;">UT</p>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO: TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> <input type="checkbox"/> (OTHER) _____ <input type="checkbox"/>	SUBSEQUENT REPORT OF: WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (OTHER) <u>Step-Rate Test</u> <input checked="" type="checkbox"/> (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
--	---

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

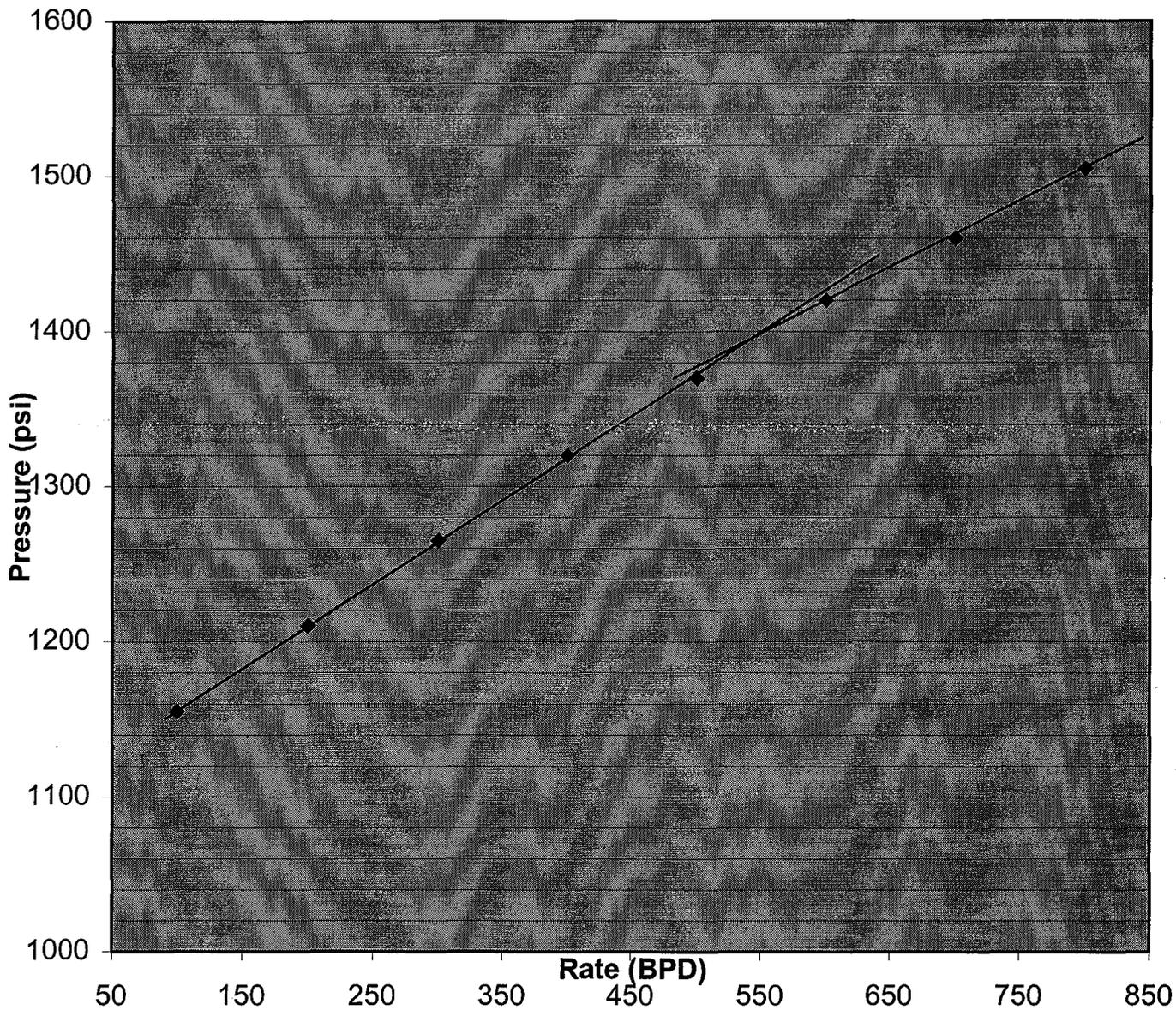
On July 7, 1999 Inland Production Company conducted a step-rate test (SRT) on the the Monument Federal 34-31 injection well in the West Point Unit. Due to the results of the SRT we are requesting that the maximum allowable injection pressure be changed to 1400 psi. *fr. 2172 PSI*

18 I hereby certify that the foregoing is true and correct
 SIGNED *B. McLean* TITLE Operations Manager DATE 7/13/99

(This space for Federal or State office use)
 APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
Approved by the Utah Division of Oil, Gas and Mining
 Date: 7/19/99
 By: *[Signature]*
*See Instructions On Reverse Side

MF 34-31
(West Point unit)
Step Rate Test
July 7, 1999

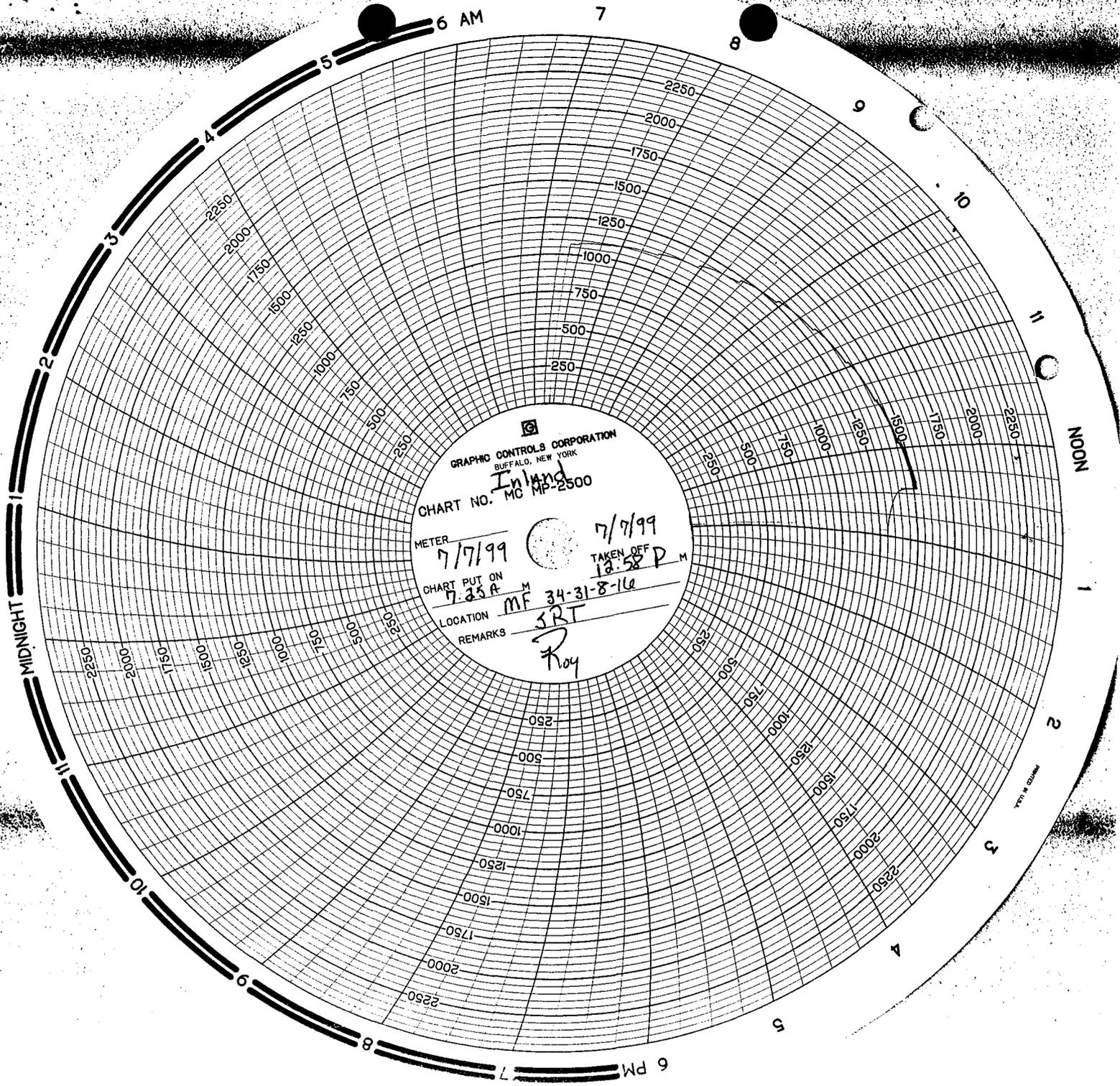


ISIP: 1420 psi

Fracture pressure: 1400 psi

FG: 0.709

Step	Rate(bpd)	Pressure(psi)
1	100	1155
2	200	1210
3	300	1265
4	400	1320
5	500	1370
6	600	1420
7	700	1460
8	800	1505



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC MP-2500

METER 7/7/99
CHART PUT ON 7:25 A
LOCATION MF 34-31-8-16
REMARKS SRT
Roy

7/7/99
TAKEN OFF
12:58 P M

MADE IN U.S.A.



July 13, 1999

State of Utah
Division of Oil, Gas & Mining
Attn: Dan Jarvis
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Dan:

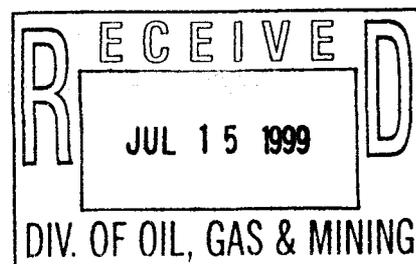
Please find enclosed Step Rate Tests (SRT) results on the Monument Federal #34-31 injection well in the West Point Unit. The SRT was conducted by Inland Production Company on July 7, 1999. Due to the results of the SRT Inland is requesting a change in the maximum allowable injection pressure to 1400 psi for this well.

Thank you for your assistance. If you have any questions or need further information, please don't hesitate to call me at (435) 646-3721.

Sincerely,

Brad Mecham
Operations Manager

/bm



STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

<p>1. SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>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.</p> <p>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>	<p>5. LEASE DESIGNATION AND SERIAL NO. UTU-74389</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A</p> <p>7. UNIT AGREEMENT NAME WEST POINT (GR RVR)</p>
<p>2. NAME OF OPERATOR INLAND PRODUCTION COMPANY</p>	<p>8. WELL NAME and NUMBER MONUMENT FEDERAL 34-31-8-16</p>
<p>3. ADDRESS AND TELEPHONE NUMBER Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</p>	<p>9. API NUMBER 43-013-31715</p>
<p>4. LOCATION OF WELL</p> <p>Footages 0723 FSL 1970 FEL</p> <p>QQ, SEC, T, R, M: SW/SE</p>	<p>10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE</p> <p>OUNTY DUCHESNE STATE UTAH</p>

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

<p>NOTICE OF INTENT: (Submit in Duplicate)</p> <p><input type="checkbox"/> ABANDON <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> WATER SHUT OFF</p> <p><input type="checkbox"/> OTHER _____</p>	<p>SUBSEQUENT REPORT OF: (Submit Original Form Only)</p> <p><input type="checkbox"/> ABANDON* <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input checked="" type="checkbox"/> OTHER Step Rate Test</p> <p>DATE WORK COMPLETED _____</p> <p>Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</p> <p>*Must be accompanied by a cement verification report.</p>
---	---

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 depth for all markers and zones pertinent to this work.)

A step rate test was conducted on the subject well on 10/4/00. Results indicate that the formation fracture gradient is .770 psi/ft. Therefore, Inland is requesting that the MAIP be changed to 1710 psi. (fr. 1400)

13. NAME & SIGNATURE : Michael Guinn TITLE District Engineer DATE 10/19/00

(This space for State use only)

4/94 **Approved by the Utah Division of Oil, Gas and Mining**

Date: 10/30/00

By: [Signature]

* See Instructions On Reverse Side

COPY SENT TO OPERATOR
Date: 10-30-00
Initials: [Signature]

RECEIVED

OCT 26 2000

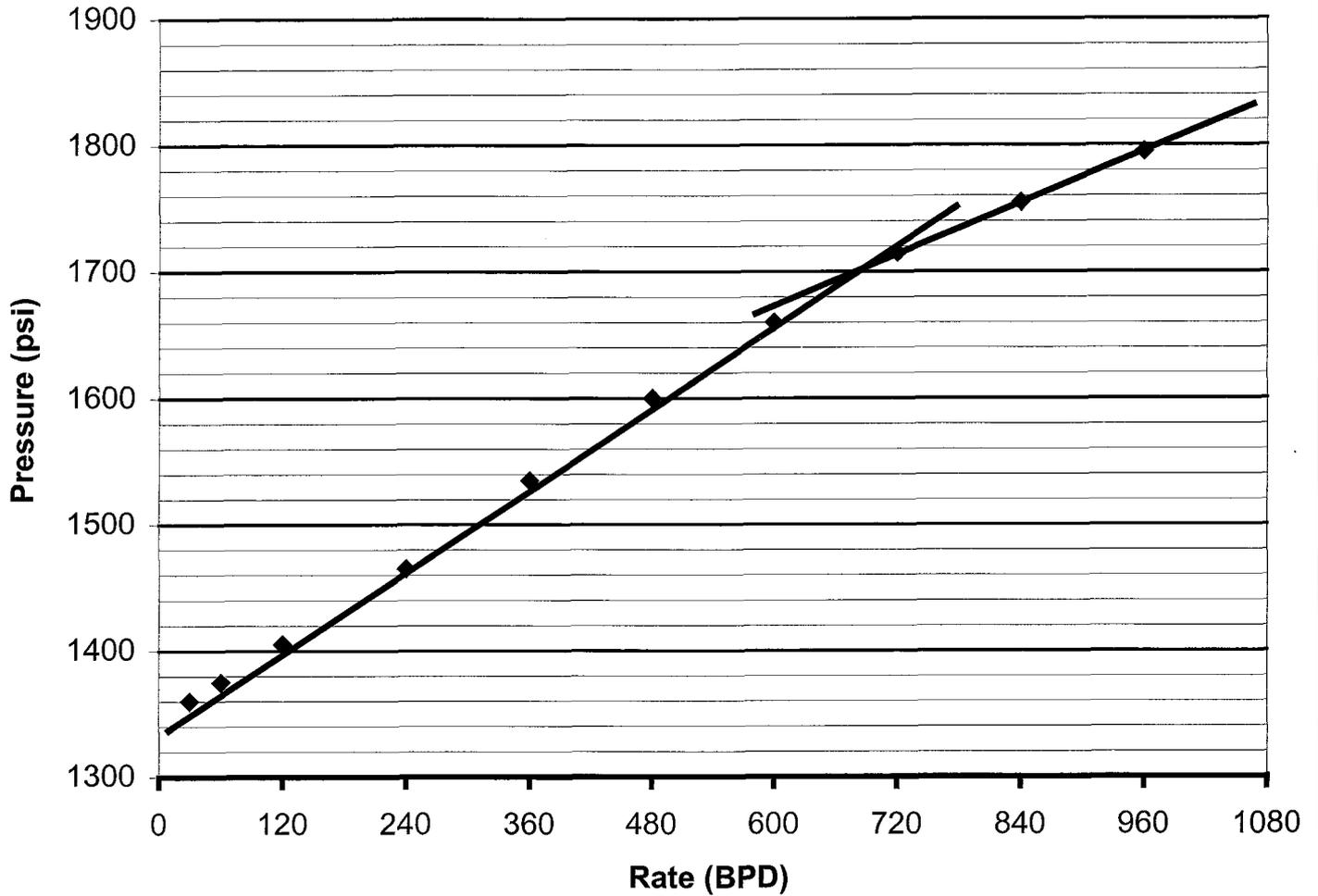
DIVISION OF OIL, GAS AND MINING

MONUMENT FED. 34-31-8-16

WEST POINT UNIT

Step Rate Test

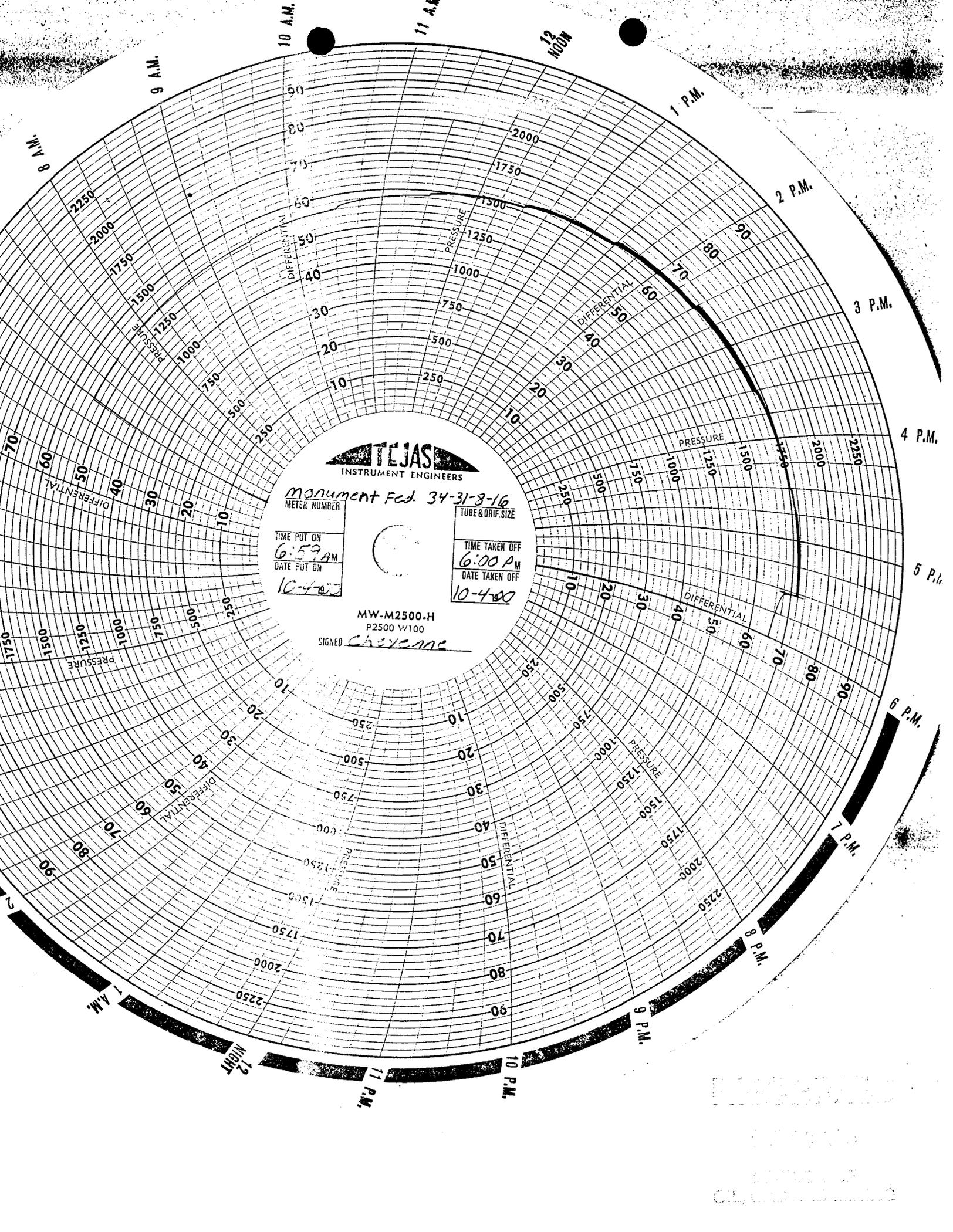
October 4, 2000



Start Pressure: 1345 psi
ISIP: 1720 psi
Fracture pressure: 1710 psi
Top Perforation: 5113 feet
FG: 0.770 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	30	1360
2	60	1375
3	120	1405
4	240	1465
5	360	1535
6	480	1600
7	600	1660
8	720	1715
9	840	1755
10	960	1795

RECEIVED
OCT 10 2000
DIVISION OF
OIL, GAS AND MINING



Monument Fed. 34-31-8-16

METER NUMBER

TUBE & DRIF. SIZE

TIME PUT ON

6:59 AM

TIME TAKEN OFF

6:00 PM

DATE PUT ON

10-4-00

DATE TAKEN OFF

10-4-00

MW-M2500-H
P2500 W100

SIGNED Cheyenne



October 19, 2000

State of Utah
Division of Oil, Gas & Mining
Attn: Dan Jarvis
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Step-Rate Test
Monument Fed 34-31-8-16
Unit: Westpoint
Sec 31, T8S, R16E
API: 43-013-31715

Dear Dan:

Find enclosed the Step-Rate Test (SRT) results for the subject well that was conducted on October 4, 2000. Attached are the SRT graph and a copy of the test chart.

Inland is requesting that the Maximum Allowable Injection pressure be adjusted from 2172 psi to 1710 psi as a result of the test. If you have any questions or require further information you may contact me at (435) 646-3721.

Sincerely,

Michael Guinn
District Engineer

cc: Roosevelt files
Denver files

RECEIVED

OCT 20 2000

DIVISION OF
OIL, GAS AND MINING



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

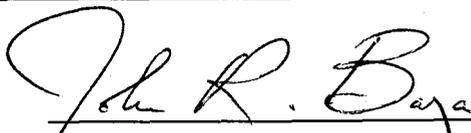
Cause No. UIC-219

Operator: Inland Production Company
Wells: Monument Federal 34-31-8-16
Location: Section 31, Township 8 South, Range 16 East,
County: Duchesne
API No.: 43-013-31715
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 9, 1998
2. Maximum Allowable Injection Pressure: 2172 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Douglas Creek Member of the Green River Formation (5113 feet - 5650 feet)

Approved by:


John R. Baza
Associate Director, Oil And Gas

12/10/98
Date



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
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Executive Director
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1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

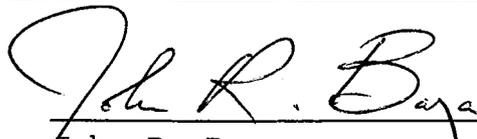
Cause No. UIC-219

Operator: Inland Production Company
Wells: Monument Federal 34-31-8-16
Location: Section 31, Township 8 South, Range 16 East,
County: Duchesne
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Approved by:


John R. Baza
Associate Director, Oil And Gas

12/10/98
Date

RECEIVED

JUL 21 2003

DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **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.

OIL WELL GAS WELL OTHER **Injection Well**

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NUMBER
**Rt. 3 Box 3630, Myton Utah 84052
435-646-3721**

4. LOCATION OF WELL
Footages **723 FSL 1970 FEL**
QQ, SEC, T, R, M: **SW/SE Section 31, T8S R16E**

5. LEASE DESIGNATION AND SERIAL NO.
UTU-74389

6. IF INDIAN ALLOTTEE OR TRIBAL NAME
N/A

7. UNIT AGREEMENT NAME
WEST POINT (GR RVR)

8. WELL NAME and NUMBER
MON FED 34-31-8-16

9. API NUMBER
43-013-31715

10. FIELD AND POOL OR WILDCAT
MONUMENT BUTTE

COUNTY **DUCHESNE**
STATE **UTAH**

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

NOTICE OF INTENT:
(Submit in Duplicate)

- ABANDON
- REPAIR CASING
- CHANGE OF PLANS
- CONVERT TO INJECTION
- FRACTURE TREAT OR ACIDIZE
- MULTIPLE COMPLETION
- OTHER _____
- NEW CONSTRUCTION
- PULL OR ALTER CASING
- RECOMPLETE
- REPERFORATE
- VENT OR FLARE
- WATER SHUT OFF

SUBSEQUENT REPORT OF:
(Submit Original Form Only)

- ABANDON*
- REPAIR CASING
- CHANGE OF PLANS
- CONVERT TO INJECTION
- FRACTURE TREAT OR ACIDIZE
- OTHER **Step Rate Test**
- NEW CONSTRUCTION
- PULL OR ALTER CASING
- RECOMPLETE
- REPERFORATE
- VENT OR FLARE

DATE WORK COMPLETED _____
Report results of Multiple Completion 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 depth for all markers and zones pertinent to this work.

A step rate test was conducted on the subject well on 7/16/03 Results from the test indicate that the fracture gradient is .799 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 1860 psi.

From 12/10

13. NAME & SIGNATURE: *Michael Guinn* TITLE Vice President of Operations

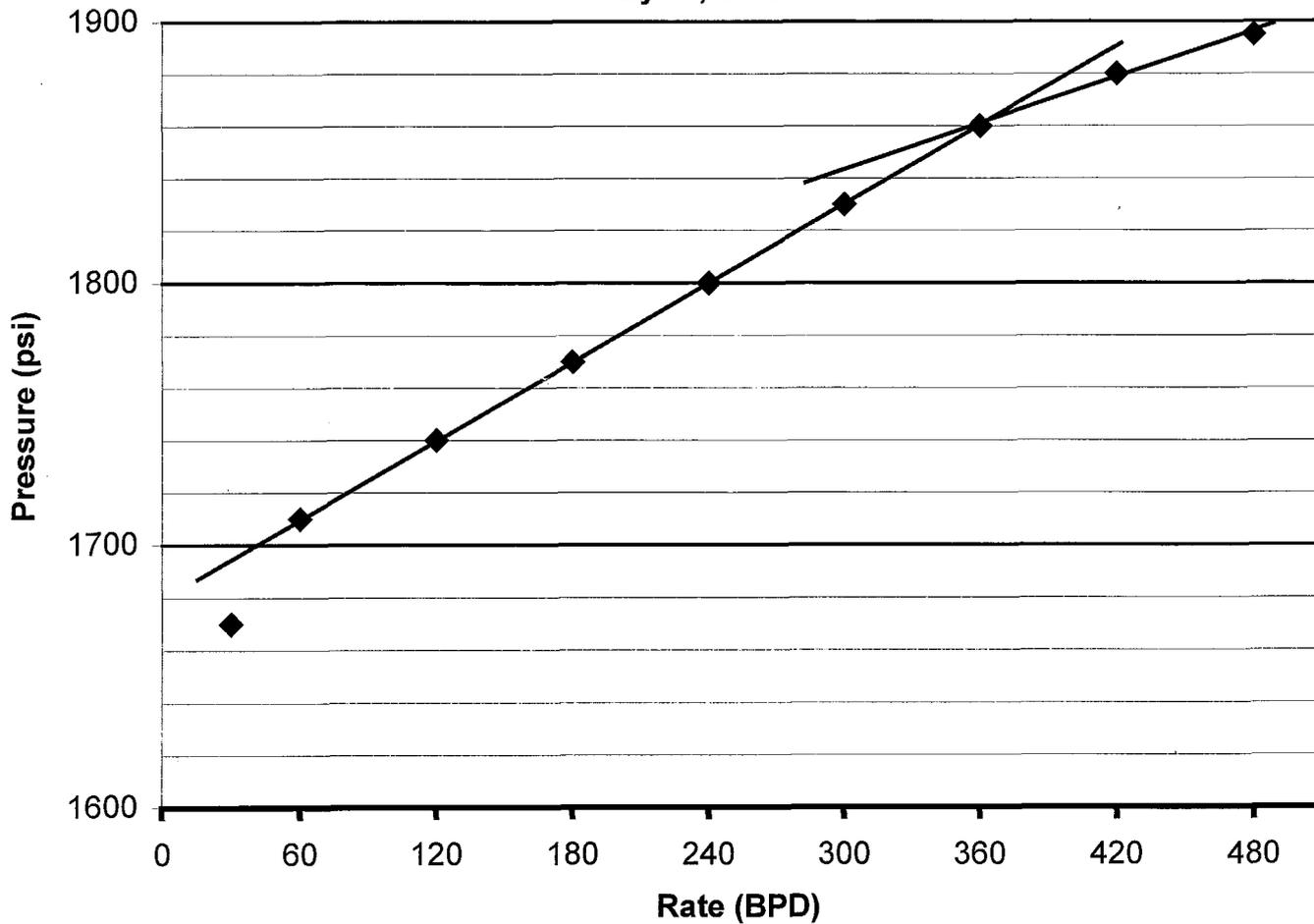
DATE 7/18/2003

(This space for State use only)

COPY SENT TO OPERATOR
Date: 7-21-03
Initials: CHO

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 07-21-03
By: *[Signature]*

**Monument Federal 34-31-8-16
West Point Unit
Step Rate Test
July 16, 2003**



Start Pressure: 1600 psi
Instantaneous Shut In Pressure (ISIP): 1850 psi
Top Perforation: 5113 feet
Fracture pressure (Pfp): 1860 psi
FG: 0.799 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	30	1670
2	60	1710
3	120	1740
4	180	1770
5	240	1800
6	300	1830
7	360	1860
8	420	1880
9	480	1895
10	540	0
11	600	0
12	660	0

MONUMENT FEDERAL
34-31-8-116
WEST POINT UNIT

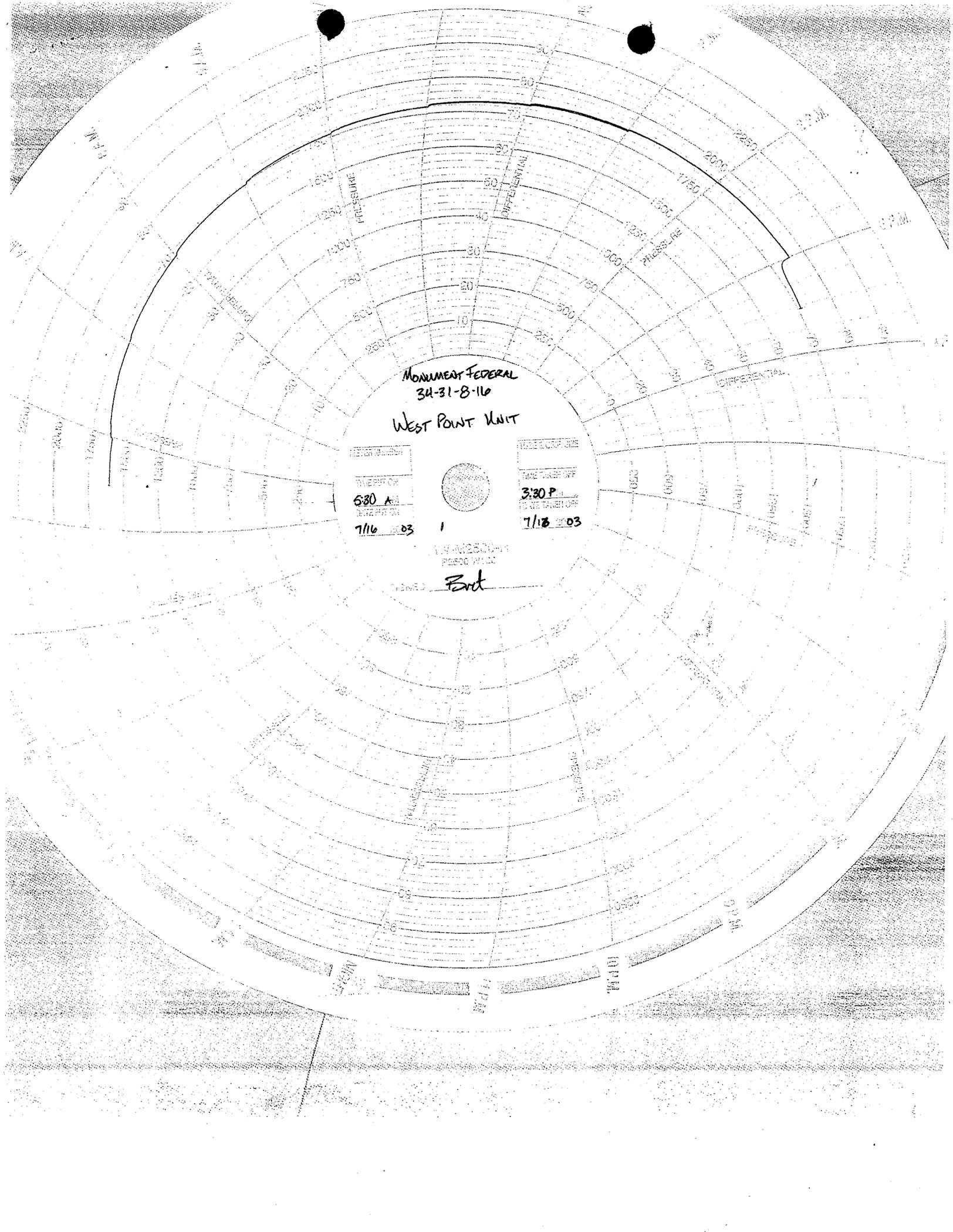
INTEGRATION
INTEGRATOR
580 A
INTEGRATOR
7/16 03



INTEGRATION
INTEGRATOR
3:30 P
INTEGRATOR
7/18 03

BY W250-11
P250-1100

Boat



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

<p>1. SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)</p> <p>OIL <input type="checkbox"/> WELL GAS <input type="checkbox"/> WELL OTHER <input checked="" type="checkbox"/></p>		<p>5. LEASE DESIGNATION AND SERIAL NO. UTU-74389</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A</p> <p>7. UNIT AGREEMENT NAME WEST POINT (GR RVR)</p> <p>8. FARM OR LEASE NAME MON FED 34-31-8-16</p> <p>9. WELL NO. MON FED 34-31-8-16</p> <p>10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/SE Section 31, T8S R16E</p>																			
<p>2. NAME OF OPERATOR INLAND PRODUCTION COMPANY</p>		<p>12. COUNTY OR PARISH DUCHESNE</p>																			
<p>3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</p>		<p>13. STATE UT</p>																			
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/SE Section 31, T8S R16E 723 FSL 1970 FEL</p>		<p>14. API NUMBER 43-013-31715</p>																			
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5833 GL</p>		<p>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">NOTICE OF INTENTION TO:</th> <th style="width:50%;">SUBSEQUENT REPORT OF:</th> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> </tr> <tr> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> </tr> <tr> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> </tr> <tr> <td>ABANDON* <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>(OTHER) <input checked="" type="checkbox"/> 5 Year MIT</td> </tr> <tr> <td>(OTHER) <input type="checkbox"/></td> <td></td> </tr> </table> <p>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</p>		NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:	TEST WATER SHUT-OFF <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> 5 Year MIT	(OTHER) <input type="checkbox"/>	
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SHOOT OR ACIDIZE <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>																				
ABANDON* <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>																				
REPAIR WELL <input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> 5 Year MIT																				
(OTHER) <input type="checkbox"/>																					

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A 5 year MIT was conducted on the subject well. On 10/17/03 Mr. Dennis Ingram w/ State DOGM was notified of the intent to conduct a MIT on the casing. On 10/20/03 the casing was pressured to 1255 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

RECEIVED
OCT 22 2003
DIV. OF OIL, GAS & MINING

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 10/21/2003
Krishna Russell

cc: BLM
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

COPY SENT TO OPERATOR
Date: 10-23-03
Initials: CHO

* See Instructions On Reverse Side

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

Date: 10-22-03
By: [Signature]

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

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

Witness: _____ Date 10/20/03 Time 11:00 am pm

Test Conducted by: Shon McKinnon

Others Present: _____

Well: 34-31-8-16

Monument Federal
Well Location:

SW/SE Section 31, T8S R16E

Field: West Point Unit

API No: 43-013-31715

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1,255^{pp}</u>	psig
5	<u>1,255</u>	psig
10	<u>1,255</u>	psig
15	<u>1,260</u>	psig
20	<u>1,260</u>	psig
25	<u>1,260</u>	psig
30 min	<u>1,260</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1,760 psig

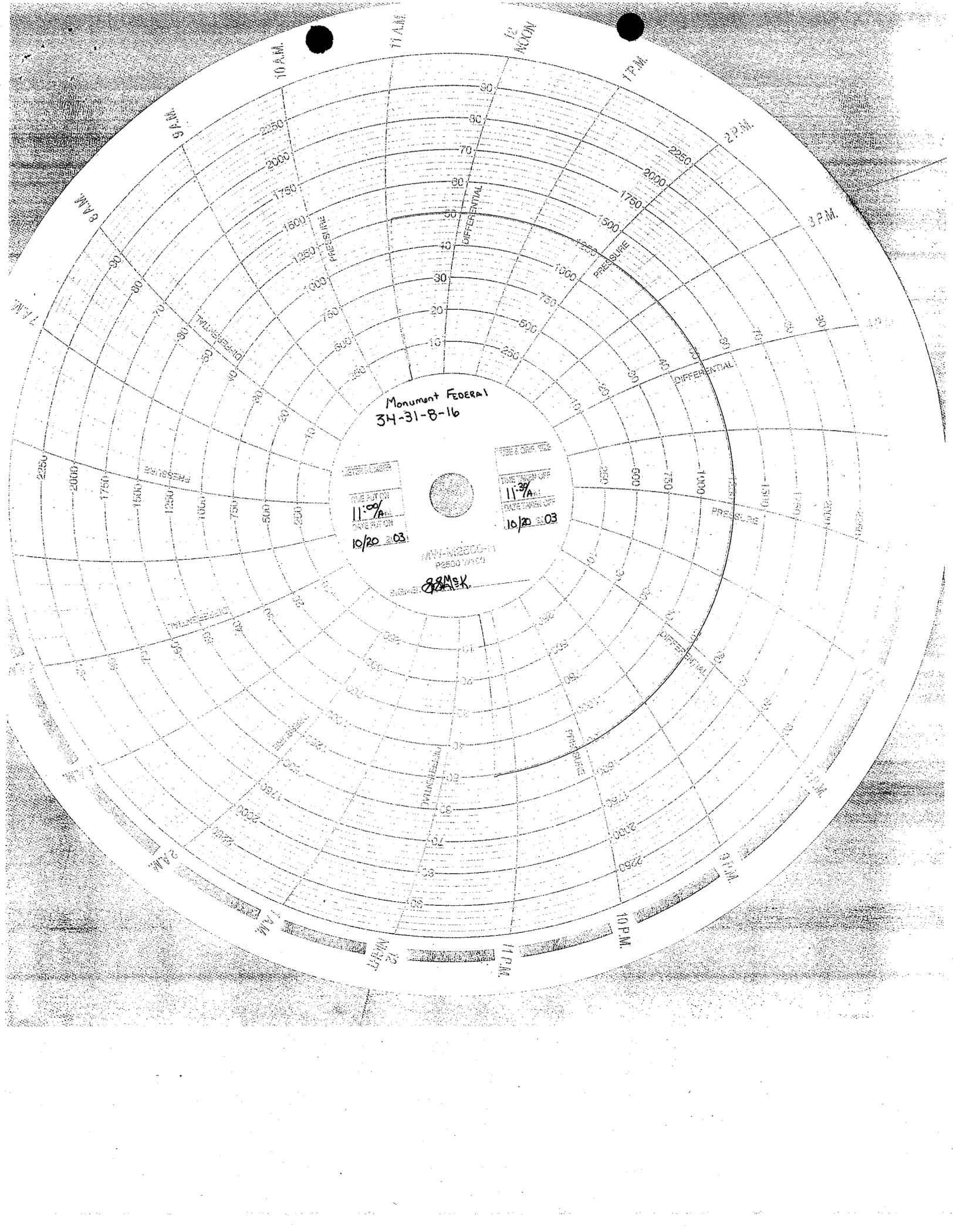
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Shon McKinnon



Monument FEDERAL
34-31-8-16

GENERAL CASE
TEMPERATURE
11:00 AM
PRESSURE
10/20 2.03

USER & DATE USE
TIME TAKEN OFF
11:37 AM
DATE TAKEN OFF
10/20 2.03

WV-1-10250-11
P2500 7/1/71

POWER 83Msk



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office
From: Acting Chief, Branch of Fluid Minerals
Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number <u>See Attached List</u>		API Number
Location of Well		Field or Unit Name <u>See Attached List</u>
Footage :	County :	Lease Designation and Number
<u>QQ, Section, Township, Range:</u>		State : <u>UTAH</u>

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: <u>Inland Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: <u>(303) 893-0102</u>	Date: <u>9/15/2004</u>
Comments:	

NEW OPERATOR

Company: <u>Newfield Production Company</u>	Name: <u>Brian Harris</u>
Address: <u>1401 17th Street Suite 1000</u>	Signature: <u><i>Brian Harris</i></u>
city <u>Denver</u> state <u>Co</u> zip <u>80202</u>	Title: <u>Engineering Tech.</u>
Phone: _____	Date: <u>9/15/2004</u>
Comments:	

(This space for State use only)

Transfer approved by: *A. Hunt* Approval Date: 9-20-04
 Title: Tech. Services Manager

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED
SEP 20 2004
DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

9/1/2004

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

CA No.

Unit:

WEST POINT (GREEN RIVER)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 34-31-8-16	31	080S	160E	4301331715	12418	Federal	WI	A
WEST POINT U 13-5-9-16	05	090S	160E	4301331766	12418	Federal	OW	P
MON FED 32-6-9-16Y	06	090S	160E	4301331300	12418	Federal	WI	A
MON FED 33-6-9-16Y	06	090S	160E	4301331589	12418	Federal	OW	S
MON FED 43-6-9-16Y	06	090S	160E	4301331644	12418	Federal	WI	A
MON FED 42-6-9-16Y	06	090S	160E	4301331645	12418	Federal	OW	P
MON FED 31-6-9-16Y	06	090S	160E	4301331717	12418	Federal	OW	P
MON FED 41-6-9-16Y	06	090S	160E	4301331718	12418	Federal	WI	A
NINE MILE 6-6	06	090S	160E	4301331719	12418	Federal	OW	P
MON FED 44-6-9-16Y	06	090S	160E	4301331720	12418	Federal	OW	P
WEST POINT U 12-6-9-16	06	090S	160E	4301331765	12418	Federal	OW	P
NINE MILE 11-6	06	090S	160E	4301331812	12418	Federal	WI	A
MON FED 23-7-9-16Y	07	090S	160E	4301331694	12418	Federal	WI	A
NINE MILE 10-7	07	090S	160E	4301331773	12418	Federal	OW	P
NINE MILE 6-7	07	090S	160E	4301331776	12418	Federal	OW	P
NINE MILE 5-7	07	090S	160E	4301331777	12418	Federal	WI	A
NINE MILE 7-7	07	090S	160E	4301331778	12418	Federal	WI	A
NINE MILE 15-7	07	090S	160E	4301331803	12418	Federal	WI	A
NINE MILE 16-7-9-16	07	090S	160E	4301331804	12418	Federal	OW	P
MON FED 41-18-9-16Y	18	090S	160E	4301331646	12418	Federal	WI	A
MON FED 42-18-9-16Y	18	090S	160E	4301331724	12418	Federal	OW	S
MON BUTTE FED 31-18-9-16Y	18	090S	160E	4301331725	12418	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74389
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: WEST POINT UNIT
8. WELL NAME and NUMBER: MONUMENT FED 34-31-8-16
9. API NUMBER: 4301331715
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

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.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER WF

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 723 FSL 1970 FEL

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 31, T8S, R16E

COUNTY: DUCHESNE
STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/23/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 09-16-08 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. Permission was given at that time to perform the test on 09-18-08. On 09-18-08 the casing was pressured up to 1150 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1820 psig during the test. There was a State representative available to witness the test.
(Dennis Ingram)
API# 43-013-31718

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

Date: 09-29-08
By: [Signature]

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech

SIGNATURE [Signature] DATE 09/23/2008

(This space for State use only)

COPY SENT TO OPERATOR
Date: 10.1.2008
Initials: KS

RECEIVED
SEP 25 2008
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

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

Witness: DENNIS Ingram Date 9/18/08 Time 9:00 am pm

Test Conducted by: Gordon Womack

Others Present: _____

Well: Mon Fed 34-31-8-16 Field: Monument Butte
Well Location: SW/SE Sec 31 T8S R16E API No: 43-013-31718
Duchesne County, Utah

Time	Casing Pressure	
0 min	<u>1150</u>	psig
5	<u>1150</u>	psig
10	<u>1150</u>	psig
15	<u>1150</u>	psig
20	<u>1150</u>	psig
25	<u>1150</u>	psig
30 min	<u>1150</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1820 psig

Result: Pass Fail

Signature of Witness: Dennis L Ingram

Signature of Person Conducting Test: Gordon Womack

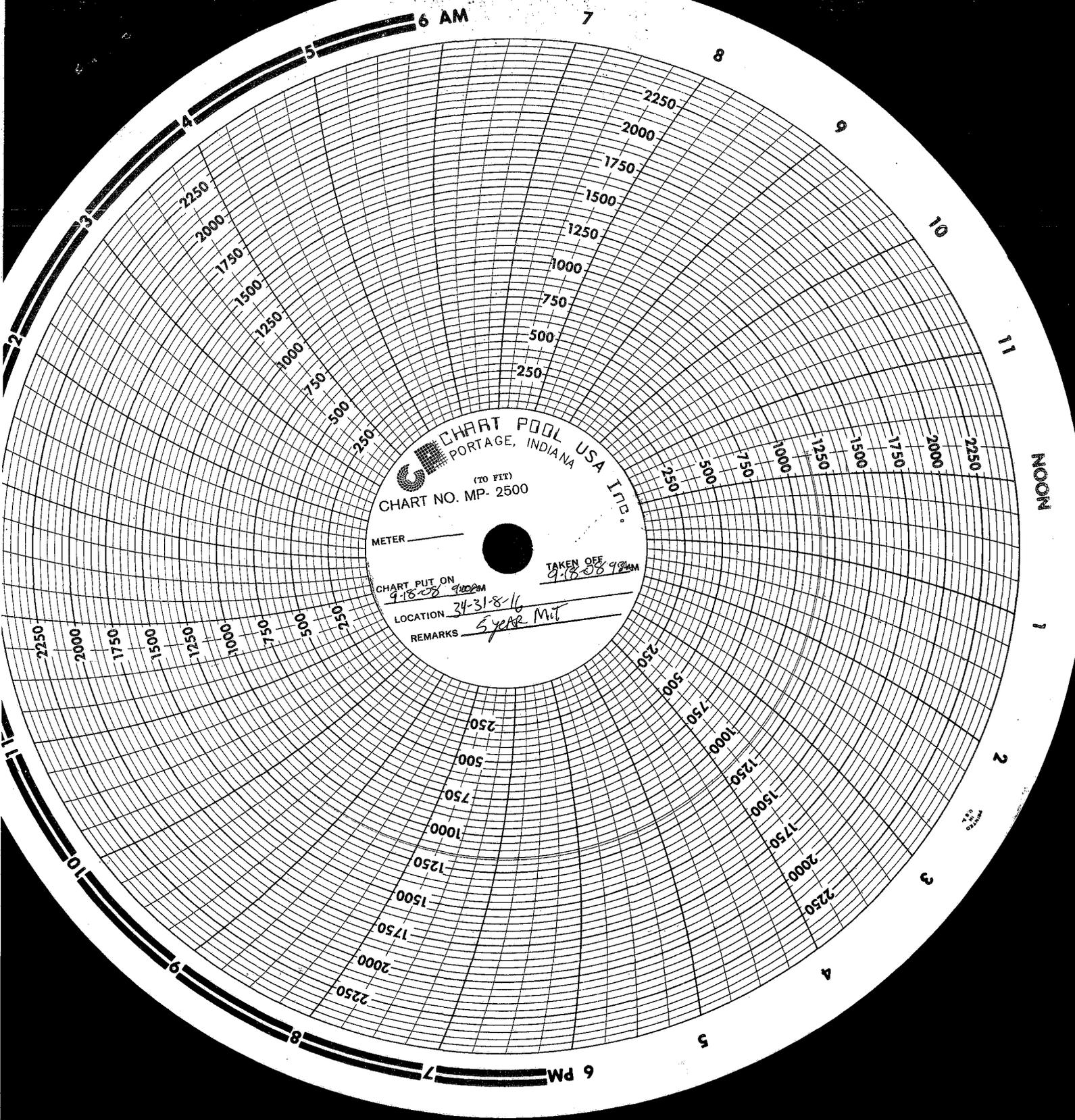


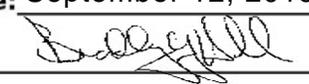
CHART POOL USA INC.
PORTAGE, INDIANA
(70 FIT)
CHART NO. MP- 2500

METER _____

CHART PUT ON 9-18-08 9:00AM TAKEN OFF 9-18-08 9:00AM

LOCATION 34-31-8-16

REMARKS 5 year Mt

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74389
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: MON FED 34-31-8-16	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013317150000	
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: 0723 FSL 1970 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 31 Township: 08.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/6/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>On 08/05/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 08/06/2013 the casing was pressured up to 1280 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1804 psig during the test. There was a State representative available to witness the test - Chris Jensen.</p>		<p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: September 12, 2013</p> <p>By: </p>
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 8/12/2013

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: Chris Jensen Date 8/16/13 Time 2:06 am pm
Test Conducted by: Britt Jensen
Others Present: _____

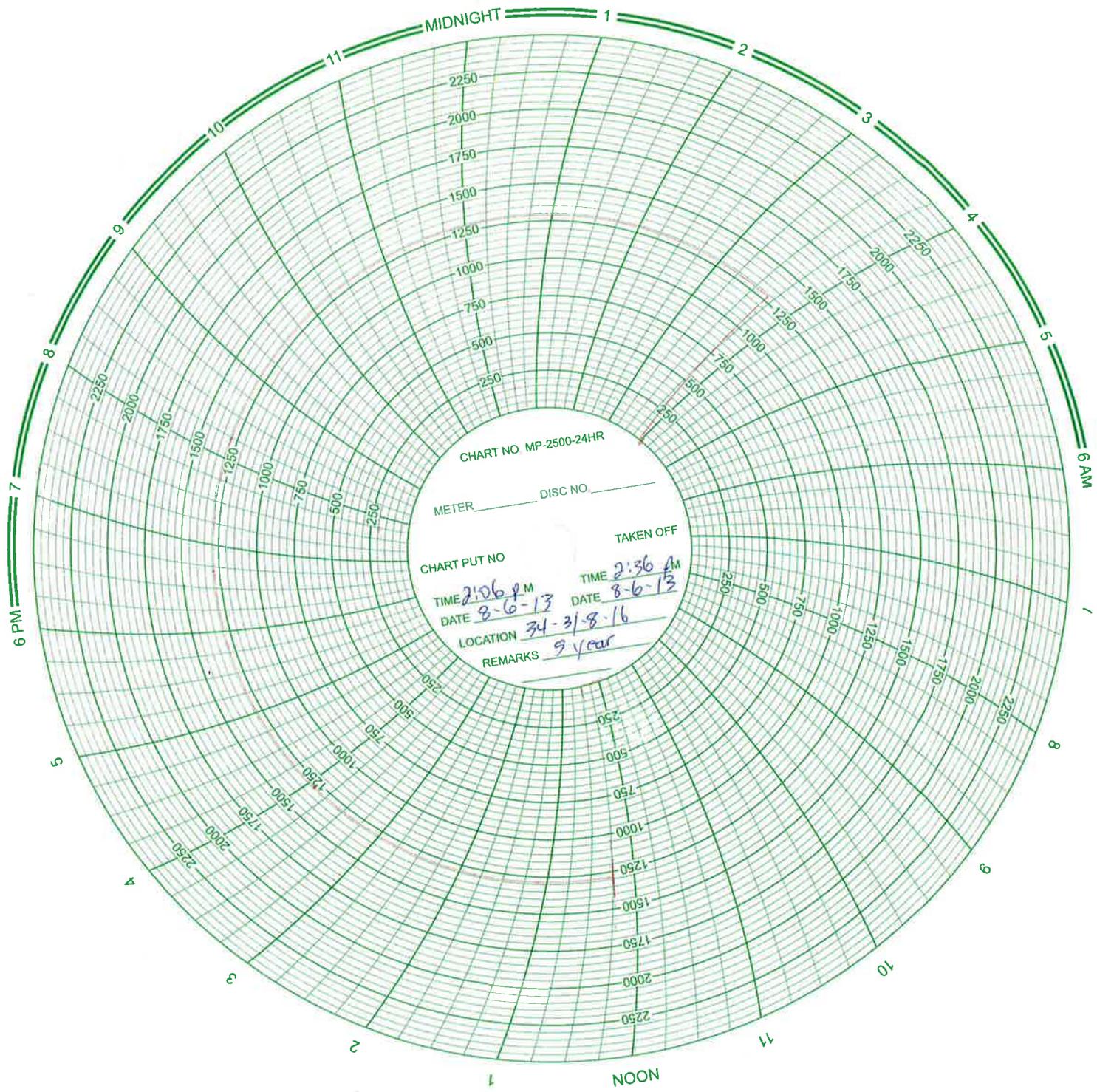
Well: Monument Federal 34-31-8-16 Field: BMBU
Well Location: SW/SE Sec. 31, T8S, R16E API No: 43-013-31715

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1280</u>	psig
5	<u>1280</u>	psig
10	<u>1280</u>	psig
15	<u>1280</u>	psig
20	<u>1280</u>	psig
25	<u>1280</u>	psig
30 min	<u>1280</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1804 psig

Result: Pass Fail

Signature of Witness: [Signature]
Signature of Person Conducting Test: _____



Monument Federal 34-31-8-16

Spud Date: 12 13 96 Put on
Production: 1 22 97

GL: ? KB: ?

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 6 jts. (251.55')
DEPTH LANDED: 261.55' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt. est ? bbls to surf.

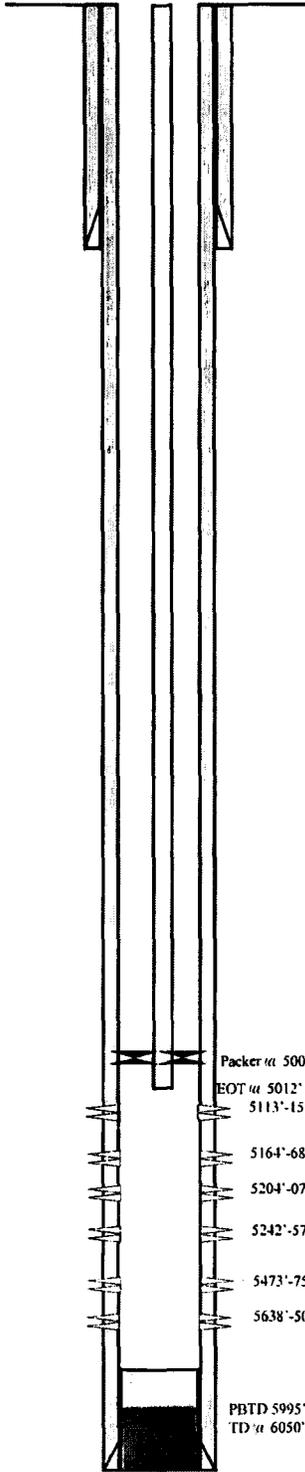
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 142 jts. (6032.88')
DEPTH LANDED: 6053' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 290 sk Premium & 385 sxs 50 50 Poz.
CEMENT TOP AT:

TUBING

SIZE GRADE-WT.: 2-7/8" J-55 6.5#
NO. OF JOINTS: 162 jts (4993.6')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5003.62' KB
ARROW #1 PACKER CE AT: 5009.04'
TOTAL STRING LENGTH: EOT @ 5012'

Injection Wellbore
Diagram



FRAC JOB

12-23-96 5473'-5650' Frac as follows:
12,350# of 20-40 sand and 30,409# 16 30 sand in 17,976 gal 2% KCL water.
Treated @ avg rate of 36 bpm w avg press of 3000 psi. ISIP-2420 psi, 5-min 2210 psi.

12-30-96 5113'-5257' Frac as follows:
25,790# 20-40 sand and 37,210# 16 30 sand in 22,806 gals 2% KCL water.
Treated @ avg rate of 40 BPM w avg press of 2500 psi. ISIP-2200 psi, 5 min 1620 psi.

? 1998 Convert to injection

PERFORATION RECORD

12 21 96	5473'-5473'	2 JSPF	4 holes
12 21 96	5638'-5650'	1 JSPF	12 holes
12 27 96	5113'-5115'	4 JSPF	8 holes
12 27 96	5164'-5168'	4 JSPF	16 holes
12 27 96	5204'-5207'	4 JSPF	12 holes
12 27 96	5242'-5257'	2 JSPF	30 holes



Monument Federal #34-31-8-16
723 FSL 1970 FEL
SWSE Section 31-T8S-R16E
Duchesne Co, Utah
API #43-013-31715; Lease #UTU-74389