

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: 971110 Well nm fr Mon. Fed. 12-7-9-11e4; 941124 Equitable to Inland et. 930-97; 980824 Conf Expt (WFW)!

WELL LOG: \_\_\_\_\_ ELECTRIC LOGS: \_\_\_\_\_ X WATER SANDS: \_\_\_\_\_ LOCATION INSPECTED: \_\_\_\_\_ SUB REPORT/abd: \_\_\_\_\_

DATE FILED: JANUARY 15, 1997

LAND FEE & PATENTED: \_\_\_\_\_ STATE LEASE NO: \_\_\_\_\_ PUBLIC LEASE NO: UTU-74390 INDIAN: \_\_\_\_\_

DRILLING APPROVED: FEBRUARY 4, 1997

SPUDDED IN: 11.11.97

COMPLETED: 12.31.97 POW PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: 12-31-97

GRAVITY API: \_\_\_\_\_

GOR: 1.522

PRODUCING ZONES: 4541-4759'

TOTAL DEPTH: 5950'

WELL ELEVATION: 5990' KB, 5978' GL

DATE ABANDONED: \_\_\_\_\_

FIELD: UNDESIGNATED

UNIT: \_\_\_\_\_

COUNTY: DUCHESNE

WELL NO: NINE MILE 5-7 API NO. 43-013-31777

LOCATION: \_\_\_\_\_ FT FROM (N) (S) LINE: \_\_\_\_\_ FT FROM (E) (W) LINE: \_\_\_\_\_ 1/4 - 1/4 SEC 7

| TWP | RGE | SEC | OPERATOR | TWP | RGE | SEC | OPERATOR                                |
|-----|-----|-----|----------|-----|-----|-----|---|
|     |     |     |          | 9S  | 16E | 7   | Inland Prod. Co.<br>EQUITABLE RESOURCES |

UNITED STATES  
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**

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 NW Section 7, T9S, R16E      1980' FNL, 660' FWL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 13.6 miles SW of Myton, Utah

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

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 5,850'

21. ELEVATIONS (Show whether DF, BT, GR, etc.)  
 5978' GL

5. LEASE DESIGNATION AND SERIAL NO.  
 UTU-74390

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.  
 #12-7-9-16Y

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

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 7, T9S, R16E

12. COUNTY OR PARISH      13. STATE  
 Duchesne      UTAH

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

19. PROPOSED DEPTH  
 5,850'

20. ROTARY OR CABLE TOOLS  
 Rotary

22. APPROX. DATE WORK WILL START\*  
 2/1/97

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE                                | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---|----------------|-----------------|---------------|--------------------|
| See attached 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 RESoruces Energy Company as principal and Safeco Insurance Company of American as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all 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 January 13, 1997  
 Bobbie Schuman

(This space for Federal or State office use)

PERMIT NO. 43-013-31777 APPROVAL DATE \_\_\_\_\_

APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE 2/4/97  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)  
**CONFIDENTIAL**

Form approved.  
Budget Bureau No. 1004-0136  
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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 N9890

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 NW Section 7, T9S, R16E 1980' FNL, 660' FWL  
At proposed prod. zone 603 201

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 13.6 miles SW of Myton, Utah

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

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

19. PROPOSED DEPTH  
5,850' ERV

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, BT, GR, etc.)  
5978' GL

22. APPROX. DATE WORK WILL START\*  
2/1/97

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE                                | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---|----------------|-----------------|---------------|--------------------|
| See attached 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 American as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

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Bobbie Schuman

(This space for Federal or State office use)  
PERMIT NO. 43-013-31777 APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE 2/4/97  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

**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
- N ARCHEOLOGICAL/PALEONTOLOGICAL CLEARANCE REPORT

9/25/96

**PROPOSED DRILLING PROGRAM**

EQUITABLE RESOURCES ENERGY COMPANY  
Western Region  
Monument Federal #12-7-9-16Y  
SW NW Section 7, T9S , R16E  
Duchesne County, Utah

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

1. **ESTIMATED IMPORTANT GEOLOGICAL MARKERS:**

See Geologic Prognosis (EXHIBIT "C")

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

See Geologic Prognosis (EXHIBIT "C")

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

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

- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

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

SURFACE USE PROGRAM  
EQUITABLE RESOURCES ENERGY COMPANY  
Western Region  
Monument Federal #12-7-9-16Y  
SW NW Section 7 T9S, R16E  
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south (left) on the Sand Wash road for approximately 1.7 miles to the Wells Draw road intersection. Turn right and continue along the Wells Draw road 9.5 miles to a road intersection. Turn right and proceed 0.6 miles to proposed access road sign. Follow flags 0.2 miles to location.
- b. The existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "F" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "F" Maps A & B

- a. Approximately 0.2 miles of new access is required.
- b. All travel will be confined to location and access routes.
- c. If a right-of-way is needed for access, please consider this Application for Permit to Drill as the application for right-of-way.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "I" Map C.

4. PROPOSED PRODUCTION FACILITIES DIAGRAM:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.
- b. See EXHIBIT "J" for the Proposed Production Facility layout.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private source owned by Joe Shields, Application #57708, Appropriation #47-1674, located in Section 15, T4S, R2W, Duchesne County UT.
- b. The drilling water will be hauled by truck to the location site.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time. If additional construction material is needed, it will be from an approved source.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.
- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.

- c. The reserve pit will be lined. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "K".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.

- e. The reserve pit will be located on the south side of the location.
- f. If needed, flare pit will be located downwind of the prevailing wind directions a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the north side between Corners 6 and 8.
- h. Access to the wellpad will be from the southeast between Corners 2 and 3.
- i. All pits will be fenced according to the following minimum standards:
  - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
  - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.
  - c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the cornerbraces. Maximum distance between any two posts will be no greater than 16'.
  - d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be notified of of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. A plastic nylon reinforced liner will be used, and it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured in accordance with the agreement with the private surface owner. The reserve pit will be reclaimed in accordance with agreement with the private surface owner. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment.

11. SURFACE OWNERSHIP:

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

12. OTHER INFORMATION:

- a. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- b. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.
- c. All surface disturbance and reclamation will be done in accordance with BLM conditions of approval.

- d. See EXHIBIT "M" gas gathering lines. This shows the anticipated route for the gas gathering lines at this site. If a right-of-way is necessary for these lines, consider this the application for said right-of-way.
- e. See EXHIBIT "N" archeological/palentological clearance report.

13. **Lessee's or Operator's Representative:**

Equitable Resources Energy Company, Western Region  
1601 Lewis Avenue  
Billings, Montana 59102  
(8:00 a.m. to 5:00 p.m.)  
(406) 259-7860  
FAX: (406) 245-1361

Dave McCoskery, Operations Manager      Home: (406) 248-3864  
Mobile: (406) 698-3732

Dan Farnsworth, Production Supervisor      Mobile: (801) 823-6869  
Home: (801) 722-3463

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 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.

January 14, 1997  
Date

Bobbie Schuman  
Bobbie Schuman  
Regulatory Specialist  
Equitable Resources Energy Company



## Well Prognosis

|   |                            |                                     |                       |  |  |
|---|----------------------------|-------------------------------------|-----------------------|--|--|
| <b>Well Name</b> <u>MONUMENT FEDERAL #12-7-9-16Y</u>                  |                            |                                     |                       | <b>Control Well</b>                          |  |
| <b>Location</b> <u>SW/NW SECTION 7-T9S-R16E (1980' FNL, 660' FWL)</u> |                            |                                     |                       | <b>Operator</b> <u>EREC</u>                  |  |
| <b>County/State</b> <u>DUCHESNE, UTAH</u>                             |                            |                                     |                       | <b>Well Name</b> <u>MF 23-7-9-16Y</u>        |  |
| <b>Field</b> <u>MON. BUTTE</u>  |                            | <b>Well Type</b> <u>DEVELOPMENT</u> |                       | <b>Location</b> <u>NE/SW SEC. 7-T9S-R16E</u> |  |
| <b>GL (Ung)</b> <u>5978</u>   | <b>EST. KB</b> <u>5988</u> | <b>Total Depth</b> <u>5850</u>      | <b>KB</b> <u>5996</u> |  |  |

| Formation Tops    | Prognosis |       | Sample Top |       | Control Well | High/Low |                   |
|-------------------|-----------|-------|------------|-------|--------------|----------|-------------------|
| Formation         | Depth     | Datum | Depth      | Datum | Datum        | Prog     | Control Deviation |
| UINTA             | surface   |       |            |       |              |          |                   |
| GREEN RIVER       | 1618      | 4370  |            |       | 4376         |          |                   |
| HORSE BENCH SS    | 2291      | 3697  |            |       | 3703         |          |                   |
| 2ND GARDEN GULCH  | 4092      | 1896  |            |       | 1902         |          |                   |
| Y-1 (PAY)         | 4250      | 1738  |            |       | 1744         |          |                   |
| YELLOW MARKER     | 4614      | 1374  |            |       | 1380         |          |                   |
| DOUGLAS CREEK     | 4758      | 1230  |            |       | 1236         |          |                   |
| R-1 (PAY)         | 4784      | 1204  |            |       | 1210         |          |                   |
| R-2 (PAY)         | 4851      | 1137  |            |       | 1143         |          |                   |
| 2ND DOUGLAS CREEK | 4998      | 990   |            |       | 996          |          |                   |
| GREEN MARKER      | 5128      | 860   |            |       | 866          |          |                   |
| G-5 (PAY)         | 5323      | 665   |            |       | 671          |          |                   |
| G-6 (PAY)         | 5508      | 480   |            |       | 486          |          |                   |
| CARBONATE MARKER  | 5665      | 323   |            |       | 329          |          |                   |
| TD                | 5850      |       |            |       |              |          |                   |
|                   |           |       |            |       |              |          |                   |
|                   |           |       |            |       |              |          |                   |
|                   |           |       |            |       |              |          |                   |
|                   |           |       |            |       |              |          |                   |
|                   |           |       |            |       |              |          |                   |
|                   |           |       |            |       |              |          |                   |

**Samples**  
50' FROM 1600' TO 4100'  
20' FROM 4100' TO TD  
5' THROUGH EXPECTED PAY  
5' THROUGH DRILLING BREAKS

**DST,s**  
 DST #1 NONE  
 DST #2 \_\_\_\_\_  
 DST #3 \_\_\_\_\_  
 DST #4 \_\_\_\_\_

**Wellsite Geologist**  
 Name: \_\_\_\_\_  
 From: \_\_\_\_\_ To: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Phone # \_\_\_\_\_ wk.  
 \_\_\_\_\_ hm.  
 Fax # \_\_\_\_\_

**Logs**  
DLL FROM SURF CSNG TO TD  
LDT/CNL FROM 4000 TO TD  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Cores**  
 Core #1 NONE  
 Core #2 \_\_\_\_\_  
 Core #3 \_\_\_\_\_  
 Core #4 \_\_\_\_\_

**Mud Logger**  
 Company: NORTHWEST  
 From: 1600 To: TD  
 Type: 2 MAN  
 Logger: \_\_\_\_\_  
 Phone # \_\_\_\_\_  
 Fax # \_\_\_\_\_

**Comments:**  
 \_\_\_\_\_  
 \_\_\_\_\_

**Report To:** 1st Name: DAVE BICKERSTAFF Phone # (406) 259-7860 wk. (406)245-2261 hm.  
 2nd Name: KEVEN REINSCHMIDT Phone # (406) 259-7860 wk. (406)248-7026 hm.  
**Prepared By:** BICKERSTAFF 1/96 Phone # \_\_\_\_\_ wk. \_\_\_\_\_ hm.



**EQUITABLE RESOURCES  
ENERGY COMPANY  
WESTERN REGION**

**D**  
P. 1042

**DRILLING PROGRAM**

WELL NAME: Monument Federal #12-7-9-16Y      DATE: 1-9-97  
 PROSPECT/FIELD: Monument Butte  
 LOCATION: SW NW Section 7 Twn.9S Rge.16E  
 COUNTY: Duchesne  
 STATE: Utah

TOTAL DEPTH: 5850'

**HOLE SIZE      INTERVAL**

12 1/4"      Surface to 260'  
 7 7/8"      260' to 5850'

| CASING            | INTERVAL |       | CASING |        |       |
|-------------------|----------|-------|--------|--------|-------|
| STRING TYPE       | FROM     | TO    | SIZE   | WEIGHT | GRADE |
| Surface Casing    | 0'       | 260'  | 8 5/8" | 24     | J55   |
| Production Casing | 0'       | 5850' | 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. Strght @ 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.

# EQUITABLE RESOURCES ENERGY COMPANY

D  
p. 2 of 2

|                |                               |
|----------------|-------------------------------|
| Operator: EREC | Well Name: Mon.Fed.12-7-9-16Y |
| Project ID:    | Location: Duchesne, Utah      |

|  |  |
|--|--|
| <u>Design Parameters:</u><br>Mud weight ( 8.80 ppg) : 0.457 psi/ft<br>Shut in surface pressure : 2089 psi<br>Internal gradient (burst) : 0.100 psi/ft<br>Annular gradient (burst) : 0.000 psi/ft<br>Tensile load is determined using air weight<br>Service rating is "Sweet" | <u>Design Factors:</u><br>Collapse : 1.125<br>Burst : 1.00<br>8 Round : 1.80 (J)<br>Buttress : 1.60 (J)<br>Body Yield : 1.50 (B) |
|--|--|

| Length<br>(feet) | Size<br>(in.)                          | Weight<br>(lb/ft) | Grade                               | Joint                      | Depth<br>(feet) | Drift<br>(in.)                          | Cost             |
|------------------|--|-------------------|-------------------------------------|----------------------------|-----------------|---|------------------|
| 1                | 5,850                                  | 5-1/2"            | 15.50                               | K-55                       | ST&C            | 5,850                                   | 4.825            |
|                  | Collapse<br>Load Strgth<br>(psi) (psi) | S.F.              | Burst<br>Load Strgth<br>(psi) (psi) | Min Int<br>Strgth<br>(psi) | Yield<br>S.F.   | Tension<br>Load Strgth<br>(kips) (kips) | S.F.             |
| 1                | 2674                                   | 4040              | 1.511                               | 2674                       | 4810            | 1.80                                    | 90.68 222 2.45 J |

Prepared by : *McCoskery, Billings, Montana*  
 Date : 01-09-1997  
 Remarks :  
 Design is for a Production string.  
 Minimum segment length for the 5,850 foot well is 1,500 feet.  
 The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and 2,674 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)

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:

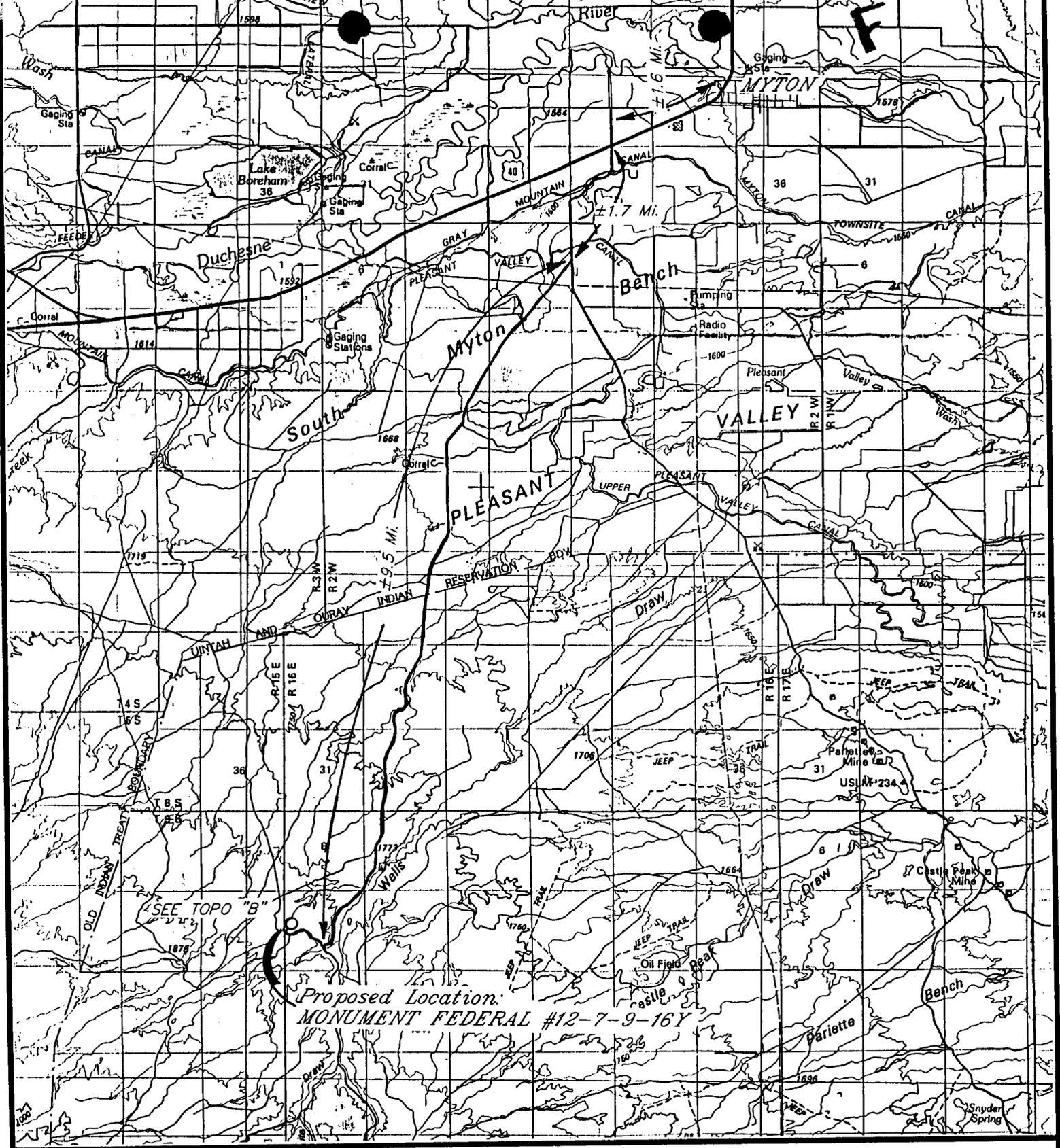
We anticipate that none of the hazardous chemicals in quantities of 10,000 pounds or more will be associated with these operations.

- 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



Proposed Location:  
**MONUMENT FEDERAL #12-7-9-16Y**

**EQUITABLE RESOURCES CO.**

MONUMENT FEDERAL #12-7-9-16Y  
 SEC. 7, T9S, R16E, S.L.B.&M.  
 TOPO "A"



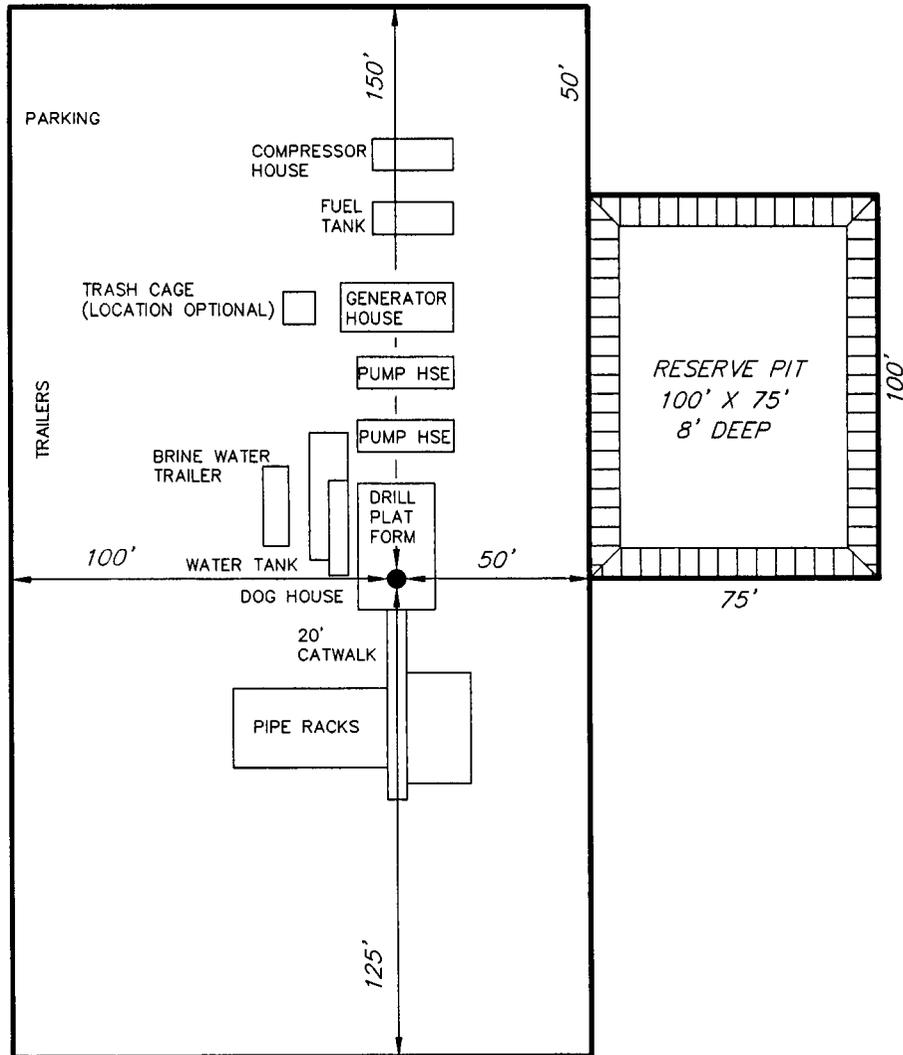
**Tri State**  
 Land Surveying, Inc.  
 (801) 781-2501  
 38 WEST 100 NORTH VERNAL, UTAH 84078



TYPICAL RIG LAYOUT

G

MONUMENT FEDERAL #12-7-9-16Y



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

UNION DRILLING RIG #17

Hex Kelly

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000  
BLIND R.M. - PIPE R.M.

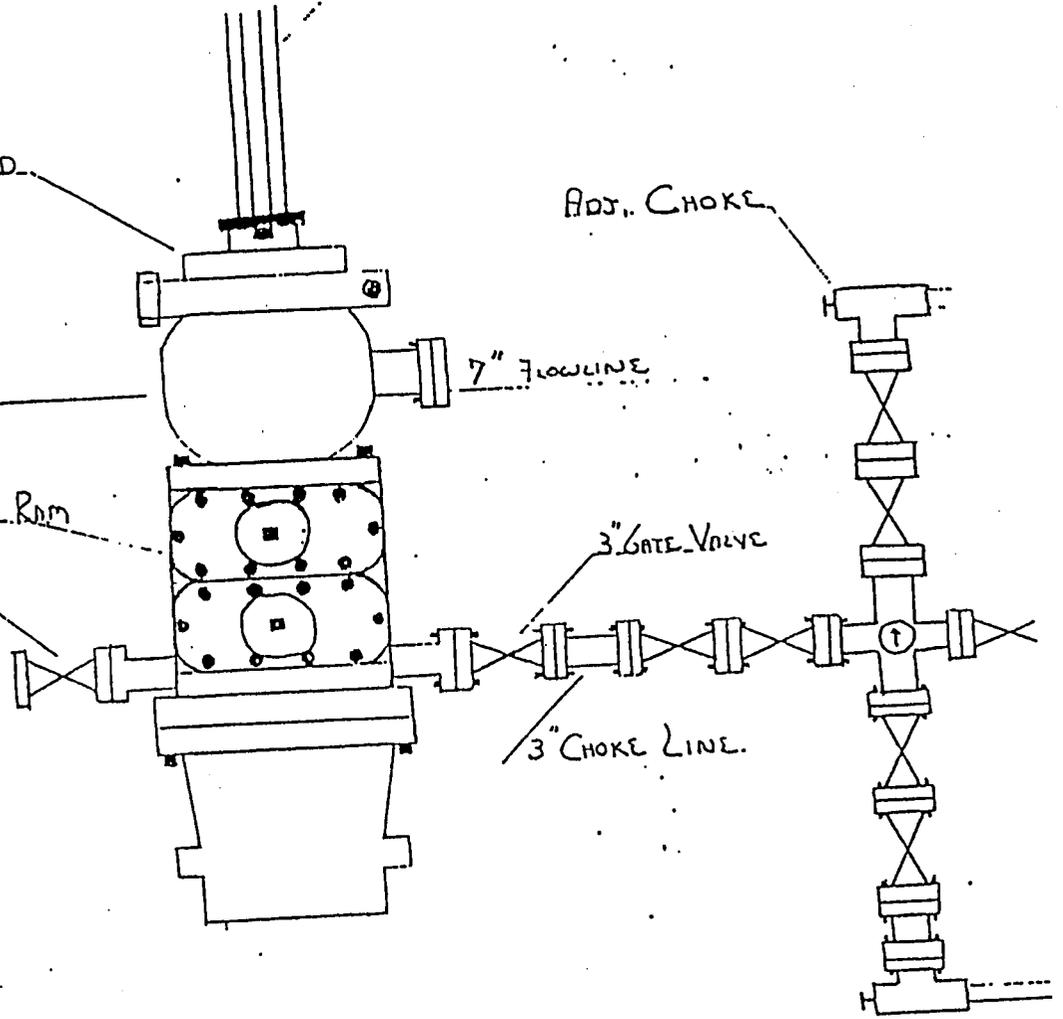
3" GATE VALVE

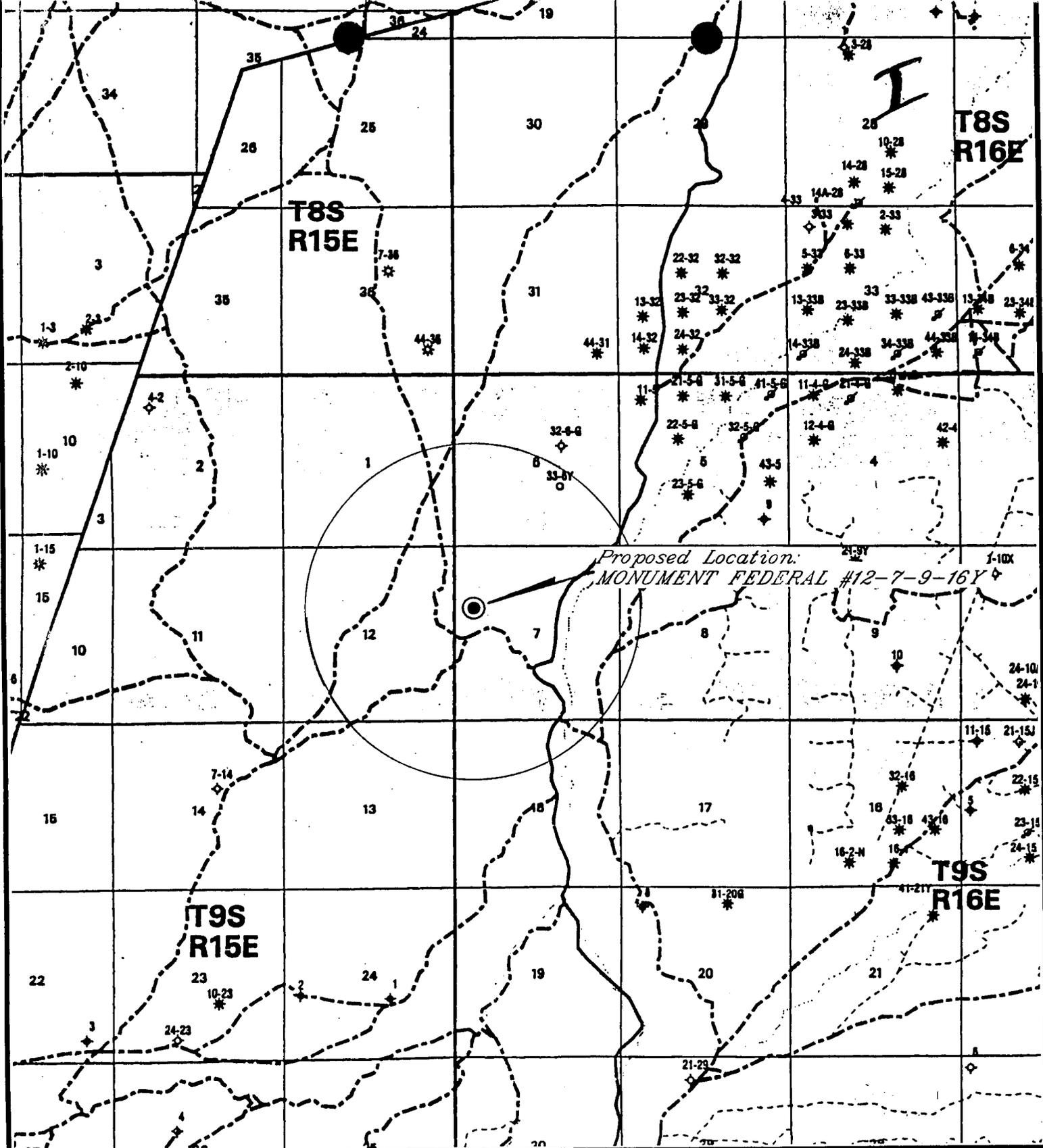
3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

#3000 STACK





Proposed Location:  
 MONUMENT FEDERAL #12-7-9-16Y

**EQUITABLE RESOURCES CO.**

MONUMENT FEDERAL #12-7-9-16Y  
 SEC. 7, T9S, R16E, S.L.B.&M.  
 TOPO "C"



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

PROPOSED PRODUCTION FACILITY DIAGRAM

EXHIBIT C

J

| 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

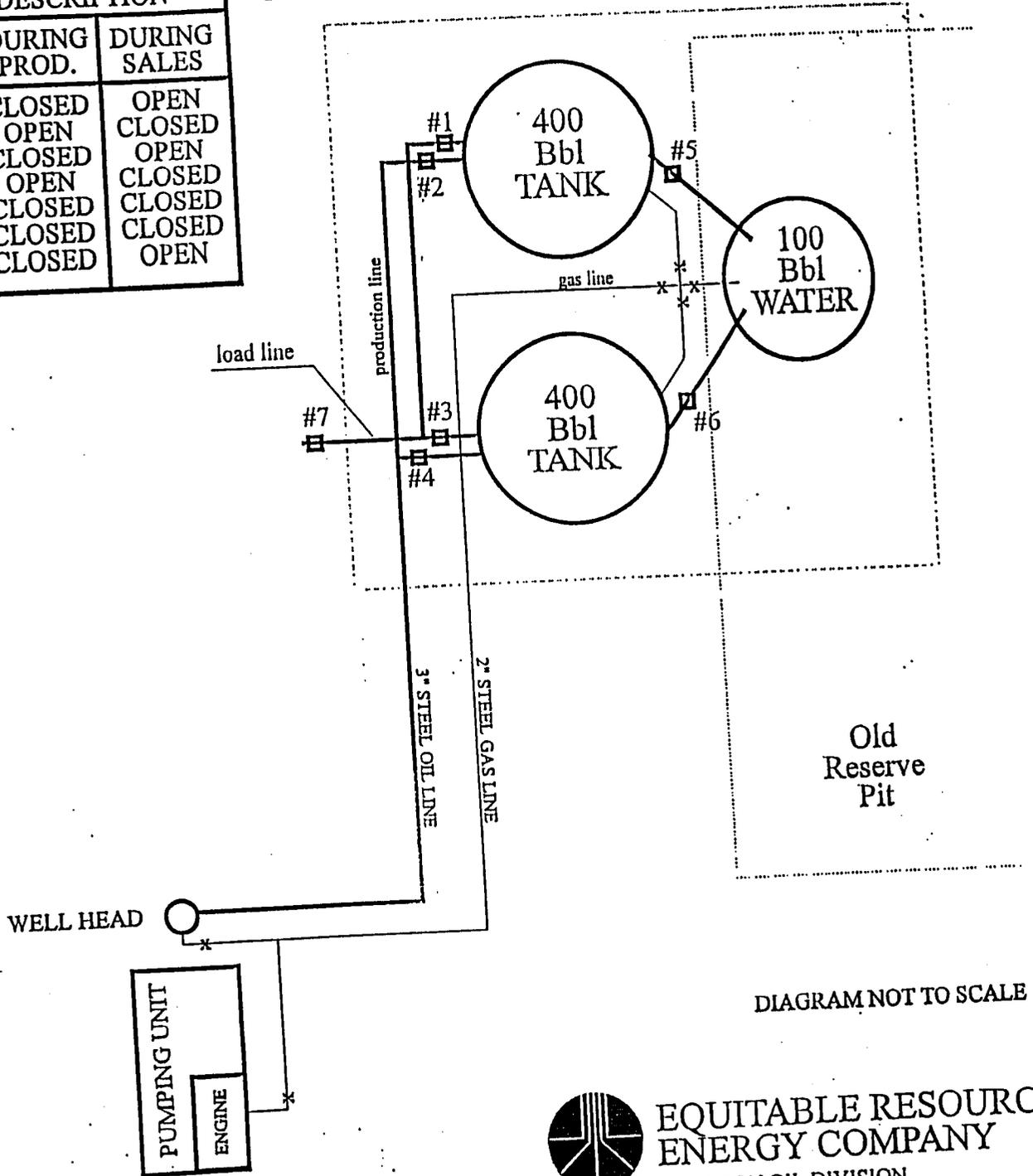


DIAGRAM NOT TO SCALE



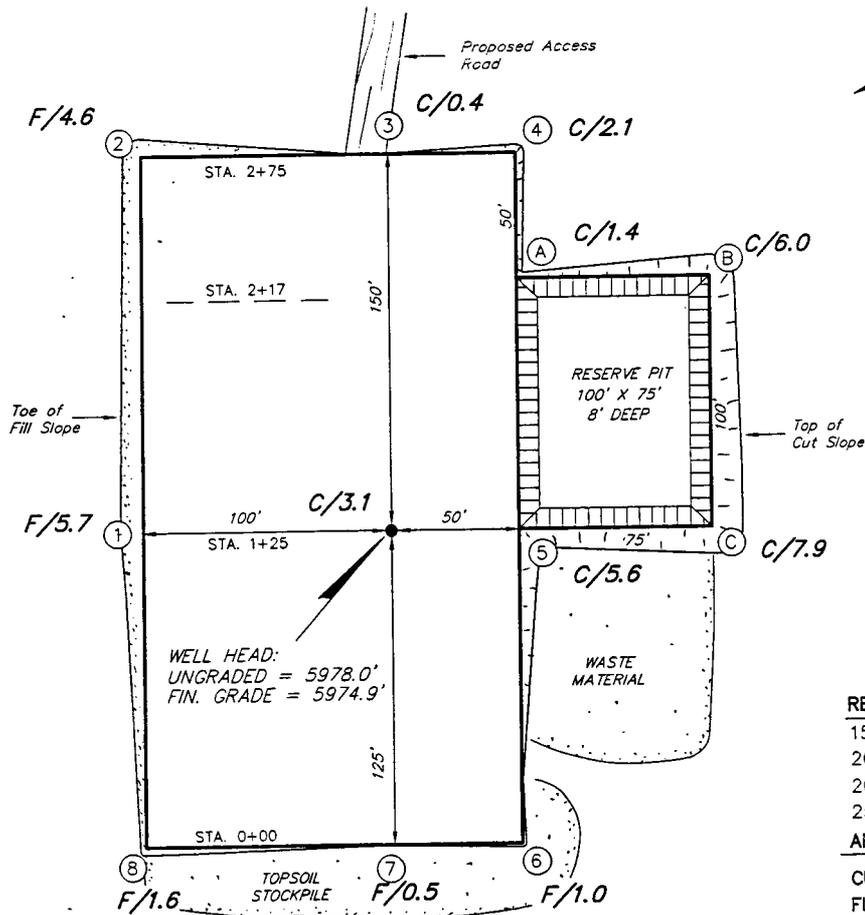
EQUITABLE RESOURCES  
ENERGY COMPANY

BALCRON OIL DIVISION

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

# EQUITABLE RESOURCES ENERGY CO.

MONUMENT FEDERAL #12-7-9-16Y  
 SEC. 7, T9S, R16E, S.L.B.&M.

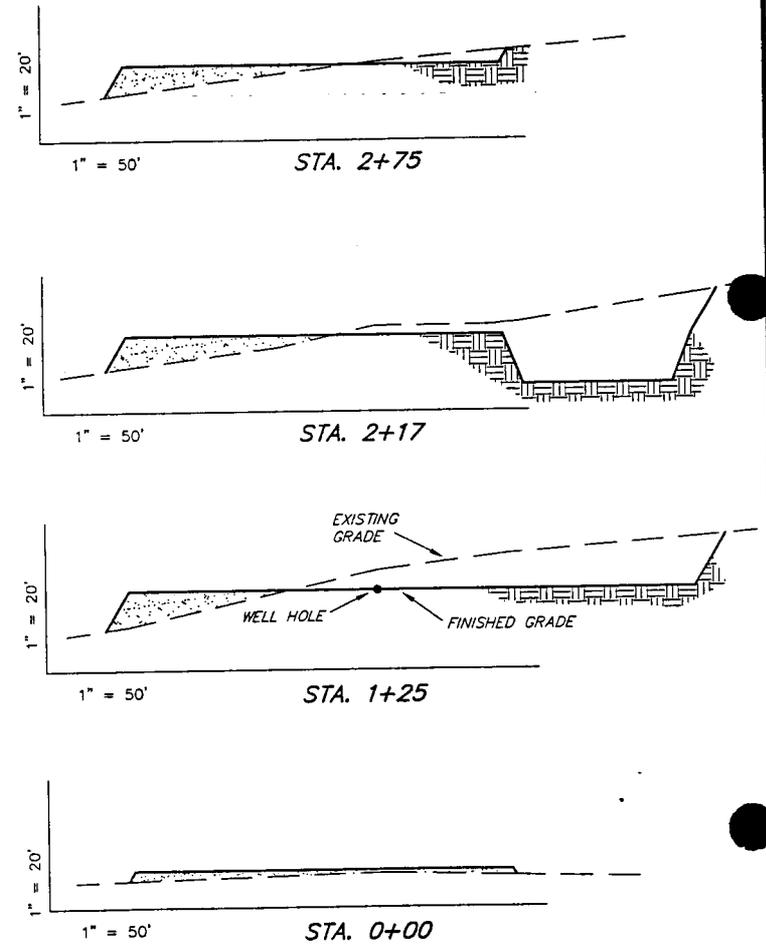


### REFERENCE POINTS

150' NORTHEAST = 5966.4'  
 200' NORTHEAST = 5963.6'  
 200' SOUTHEAST = 5975.5'  
 250' SOUTHEAST = 5974.7'

### APPROXIMATE YARDAGES

CUT = 2,330 Cu. Yds.  
 FILL = 2,320 Cu. Yds.  
 PIT = 1,940 Cu. Yds.  
 6" TOPSOIL = 900 Cu. Yds.



SURVEYED BY: G.S.

DRAWN BY: J.R.S.

DATE: 12-15-96

SCALE: 1" = 50'

FILE:

**Tri State**  
 Land Surveying, Inc.

(801) 781-2501

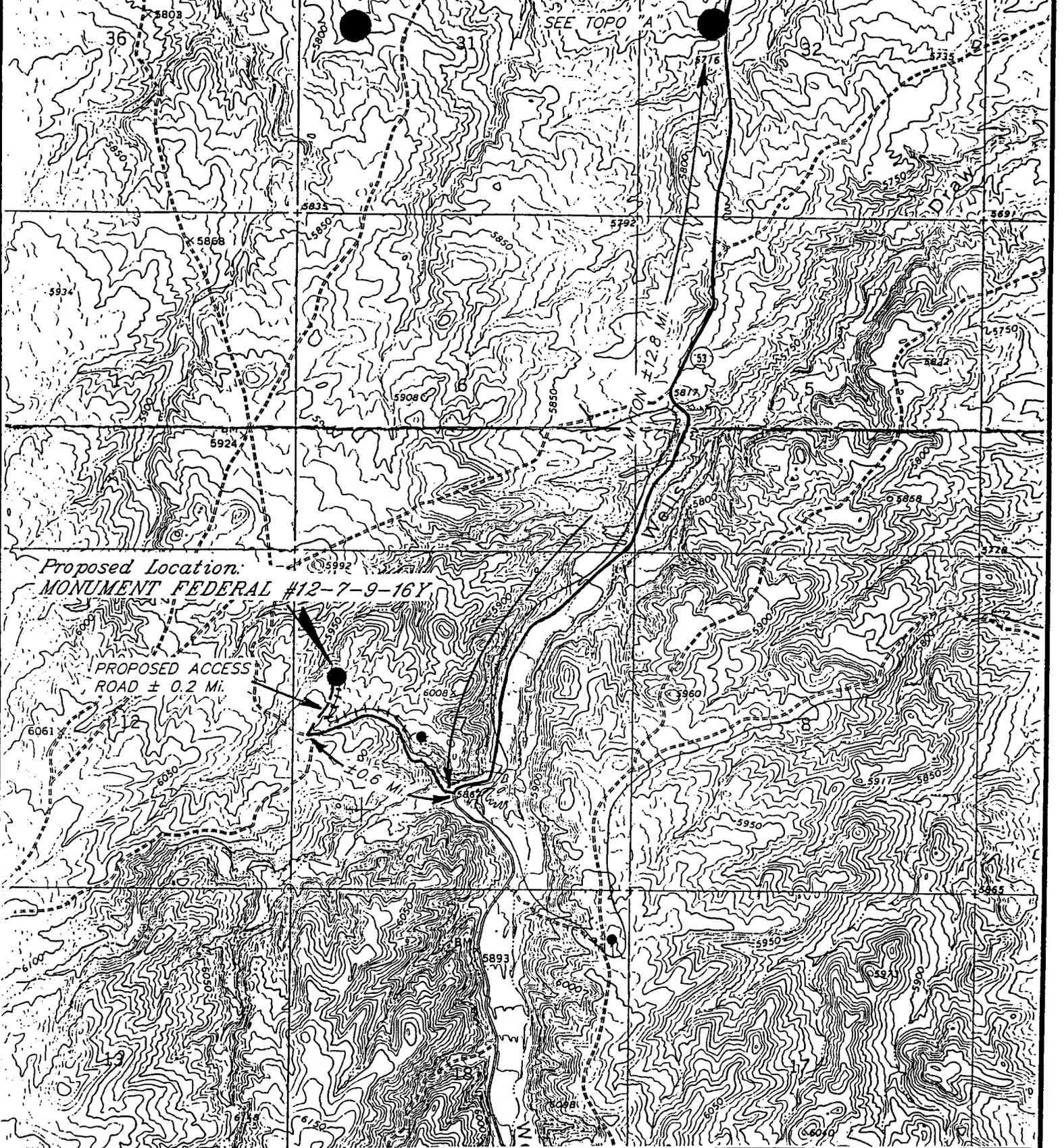
38 WEST 100 NORTH VERNAL, UTAH 84078

**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 attached map for the pipeline route. The gas line will be a polyurethane 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 feasible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.



**GAS GATHERING LINES**

Monument Federal #12-7-9-16Y

Section 7, T9S, R16E



**EQUITABLE RESOURCES  
ENERGY COMPANY**

**WESTERN REGION**



++++ proposed poly gas line

— existing poly gas line

SCALE: 1" = 2000'

N

CULTURAL RESOURCE INVENTORIES OF  
EQUITABLE RESOURCES MONUMENT FEDERAL  
SIXTEEN WELL LOCATIONS IN THE  
WELLS DRAW LOCALITY, DUCHESNE COUNTY, UTAH

by

Keith R. Montgomery  
and  
Jacki A. Montgomery

CULTURAL RESOURCE INVENTORIES OF EQUITABLE RESOURCES  
MONUMENT FEDERAL SIXTEEN WELL LOCATIONS IN THE  
WELLS DRAW LOCALITY, DUCHESNE COUNTY, UTAH

by

Keith R. Montgomery  
and  
Jacki A. Montgomery

Prepared For:

Bureau of Land Management  
Diamond Mountain Resource Area  
Vernal District

Prepared Under Contract With:

Equitable Resources Energy Company  
1601 Lewis Ave  
Billings, Montana 59102

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

December 27, 1996

United States Department of Interior (FLPMA)  
Permit No. 96-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-96-MQ-0703,b

## ABSTRACT

In December 1996, cultural resource inventories of sixteen proposed well locations and access roads were performed by Montgomery Archaeological Consultants for Equitable Resource's Monument Federal project. The project area is situated in the Pleasant Valley area of the Uinta Basin, on both sides of Wells Draw. A total of 190 acres was inventoried for cultural and paleontological resources located on public lands administered by the BLM Diamond Mountain Resource Area, Vernal District.

The archaeological survey resulted in the documentation of two historic trash scatters (42Dc1054 and 42Dc1055) which represent temporary livestock (sheep) camps. In addition six prehistoric and historic isolated finds of artifacts were documented. No paleontological resources were identified in the project area. The two historic trash scatters are not recommended for inclusion to the NRHP. These sites represent short-term camps lacking cultural features and potential for subsurface artifacts. The six prehistoric and historic isolated finds of artifacts are not considered eligible to the NRHP, since they lack additional research potential.

Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

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## INTRODUCTION

In December, 1996, cultural resource inventories were conducted by Montgomery Archaeological Consultants for sixteen proposed well locations and associated access roads. The project area is designated as the Monument Federal Wells Draw locality, situated in Duchesne County, Utah. The survey was implemented at the request of Ms. Bobbie Schumann, Regulatory and Environmental Specialist, Equitable Resources Energy Company, Billings, Montana. The project area occurs on public land administered by the Bureau of Land Management (BLM), Diamond Mountain Resource Area, Vernal District.

The objective of the inventories was to locate, document and evaluate any cultural resources and paleontological localities within the project area pursuant to a determination of "no effect" to historic properties in accord with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventories were implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Historic Preservation Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979 and the American Indian Religious Freedom Act of 1978.

The fieldwork was performed by Keith R. Montgomery, Principal Investigator for Montgomery Archaeological Consultants under the auspices of U.S.D.I. (FLPMA) Permit No. 96-UT-60122 and State of Utah Antiquities Project (Survey) No. U-96-MQ-0703b. File searches for previous projects and documented cultural resources and paleontological localities were conducted at the BLM Vernal District office on December 20, 1996. This consultation indicated that several inventories have been completed within one mile of the project area (Alexander 1985; Hartley 1984; Hauck 1982, 1984, 1996; Hauck and Hayden 1993, 1995; Polk 1989; Tate 1984; Weymouth and Langley 1996). Documented prehistoric sites in the vicinity consist mainly of small lithic scatters, some containing chipped stone tools, (42Dc344, 42Dc388, 42Dc538, 42Dc586) and a desert pavement quarry (42Dc587). Only one recorded site contained ceramic sherds (42Dc938), and features (e.g. hearths or slab-lined features) were documented at two sites (42Dc533 and 42Dc537) in the area. Historic sites recorded in the vicinity include a small trash scatter interpreted as transient sheep camps (42Dc389 and 42Dc794) and a sandstone benchmark monument (42Dc984). No cultural resources or paleontological localities have been documented within the immediate project area. Also no sites listed on the National Register of Historic Places (NRHP) occur in the project area.

## DESCRIPTION OF PROJECT AREA

The project area lies in the Pleasant Valley area of the Uinta Basin, approximately 11 miles south of Myton, Utah. Topographically, this area consists of highly dissected sandstone and mudstone rock formations and broad sandy silt ridges. Wells Draw, a broad drainage with sandstone and siltstone rimrock formations to the north and low terraces to the south, dissects the project area. The elevation ranges from 5750 ft up to 6080 ft. Wells Draw is a major ephemeral source which flows in a southerly direction through the area. The project area lies within the Upper Sonoran vegetation zone, dominated by a shadscale community intermixed with low sagebrush, snakeweed, prickly pear cactus and a variety of low grasses. Modern disturbances to the landscape include well locations, access roads, pipelines, and livestock grazing.

The inventory area consists of 16 proposed well locations and access roads (Figure 1 and Table 1). The legal description for the project area is T. 8S., R. 16E., S. 31; T. 9S., R. 15E. S. 1 and T. 9S., R. 16E., S. 5, 6, 7, 8, 17 and 18. The land status is public land administered by the BLM, Diamond Mountain Resource Area, Vernal District.

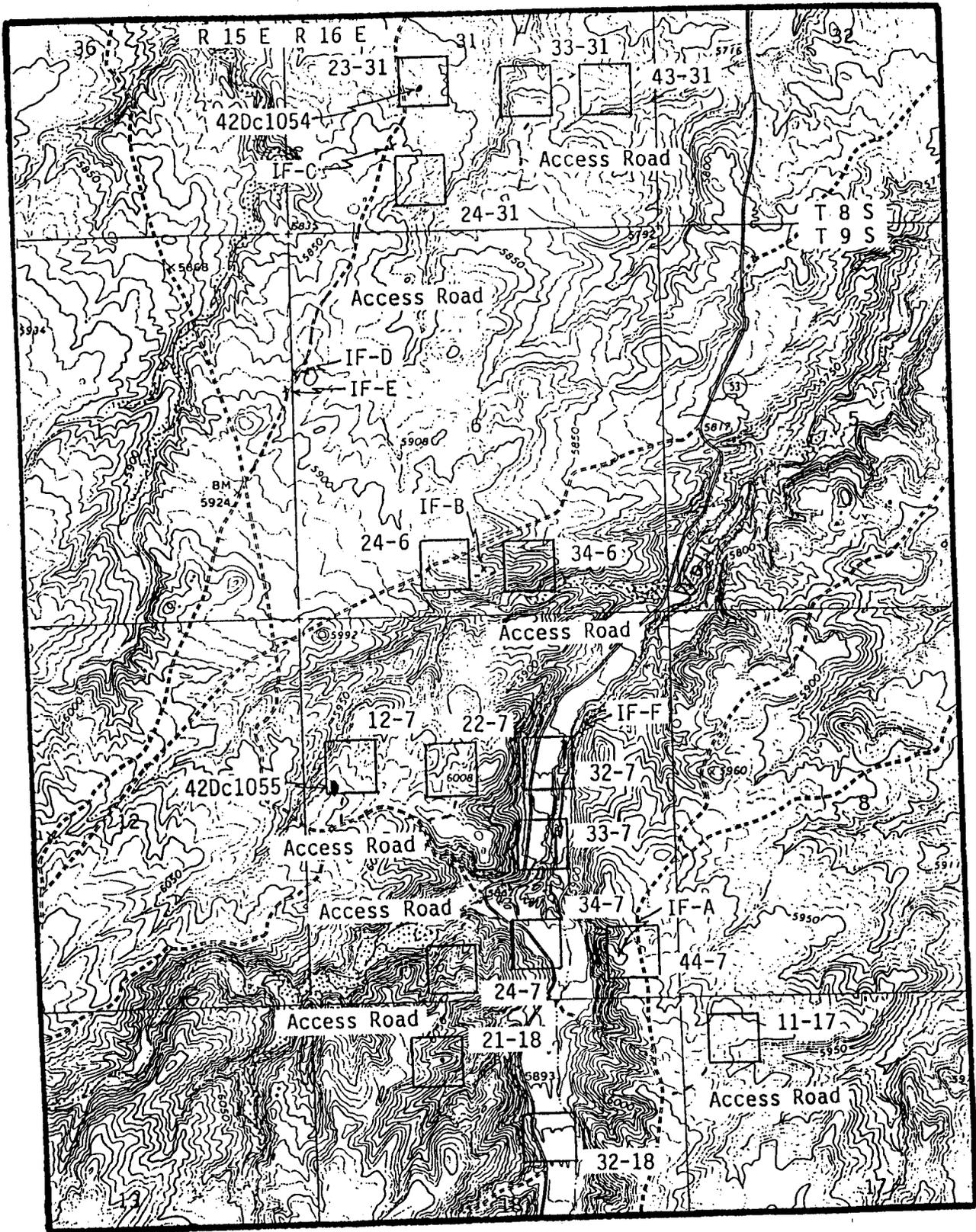


Figure 1. Equitable Resources Monument Federal Well Locations and Access Roads showing Cultural Resources. USGS Myton SW, UT 7.5', 1964. Scale 1:24000.

Table 1. Monument Federal Well Location Descriptions

| Well Number | Legal Location        | Location at Surface        | Access Road | Cultural Resources |
|-------------|-----------------------|----------------------------|-------------|--------------------|
| 23-31-8-16Y | T8S R16E S31<br>NE/SW | 1980.0' FSL<br>1826.0' FWL | 1150 feet   | 42Dc1054,<br>IF-C  |
| 33-31-8-16Y | T8S R16E S31<br>NW/SE | 1956.7' FSL<br>1809.5' FEL | 1050 feet   | None               |
| 43-31-8-16Y | T8S R16E S31<br>NE/SE | 1980.0' FSL<br>660.0' FEL  | 400 feet    | None               |
| 24-31-8-16Y | T8S R16E S31<br>SE/SW | 681.8' FSL<br>1831.6' FEL  | 4800 feet   | IF-D, IF-E         |
| 24-6-9-16Y  | T9S R16E S6<br>SE/SW  | 716.6' FSL<br>2118.2' FWL  | 1800 feet   | None               |
| 34-6-9-16Y  | T9S R16E S6<br>SW/SE  | 660.0' FSL<br>1980.0' FEL  | 400 feet    | IF-B               |
| 12-7-9-16Y  | T9S R16E S7<br>SW/NW  | 1980.0' FNL<br>660.0' FWL  | 400 feet    | 42Dc1055           |
| 22-7-9-16Y  | T9S R16E S7<br>SE/NW  | 2036.4' FNL<br>2070.2' FWL | 600 feet    | None               |
| 32-7-9-16Y  | T9S R16E S7<br>SW/NE  | 2047.7' FNL<br>1769.1' FEL | None        | IF-F               |
| 33-7-9-16Y  | T9S R16E S7<br>NW/SE  | 2131.0' FSL<br>1909.6' FEL | None        | None               |
| 24-7-9-16Y  | T9S R16E S7<br>SE/SW  | 516.8' FSL<br>1951.8' FWL  | 950 feet    | None               |
| 34-7-9-16Y  | T9S R16E S7<br>SW/SE  | 750.9' FSL<br>2080.0' FEL  | None        | None               |
| 44-7-9-16Y  | T9S R16E S7<br>SE/SE  | 660.0' FSL<br>660.0' FEL   | None        | IF-A               |
| 21-18-9-16Y | T9S R16E S18<br>NE/NW | 859.1' FNL<br>1659.7' FWL  | 750 feet    | None               |
| 32-18-9-16Y | T9S R16E S18<br>SW/NE | 1966.0' FNL<br>1910.3' FEL | None        | None               |
| 11-17-9-16Y | T9S R16E S17<br>NW/NW | 575.6' FNL<br>640.3' FWL   | 900 feet    | None               |

## SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At each of the sixteen proposed well locations, a 10 acre square was defined, centered on the well pad center stake. The interiors of the well locations were examined for cultural and paleontological resources by the archaeologist walking parallel transects spaced no more than 10 m apart. The access roads were surveyed to a 100 foot (30 m) width by walking parallel transects along the staked centerline, spaced no more than 10 m apart. Ground visibility was excellent. The acreage for the proposed well locations consisted of 160 acres, and 2.5 miles (30 acres) of access road was surveyed. A total of 190 acres was inventoried for this project.

Cultural resources were recorded as an archaeological site or isolated find of artifact. Archaeological sites were defined as spatially definable areas with features and/or ten or more artifacts. Sites were documented by the archaeologist walking transects across the site, spaced no more than 3 m apart, and marking the locations of cultural materials with pinflags. This procedure allowed clear definition of site boundaries and artifact concentrations. At the completion of the surface inspection, a Brunton compass was employed to point-provenience diagnostic artifacts and other relevant features in reference to the site datum, a steel rebar stamped with a temporary site number. Archaeological sites were plotted on a 7.5' USGS quadrangle, photographed, with site data entered on an Intermountain Antiquities Computer System (IMACS, 1990 version) inventory form (Appendix A). Isolated finds are defined as individual artifacts or light scatter of items, which lack sufficient material culture to warrant IMACS forms, or to derive interpretation of human behavior in a cultural and temporal context. All isolated artifacts were plotted on a 7.5' USGS map and are described in this report.

#### INVENTORY RESULTS

The inventory of the sixteen proposed well locations and associated access roads resulted in the documentation of two newly-found archaeological sites (42Dc1054 and 42Dc1055), and six isolated finds of artifacts (IF-A through IF-F)

Smithsonian Site No.: 42Dc1054  
Temporary Site No.: ERMF K/1  
Well Location: Monument Federal 23-31-8-16Y  
Legal Description: T. 8S, R. 16E, S. 31, CT/NE/SW  
Jurisdiction: BLM, Diamond Mountain Resource Area  
Description: This is a small trash scatter situated on a ridge crest west of Wells Draw (Figure 1). The site measures 16 m NW-SE by 10 m NE-SW (Figure 2). It appears to have been a temporary livestock (sheep) camp in which a wagon (Home on the Range) was used for cooking purposes (e.g. lack of hearth at site). Historic items consist of a machine forged horse shoe, hole-in-top and hole-in-cap tin cans, sanitary cans, and flat sided and round tobacco cans. The estimated time range is 1900 to 1920s.

Smithsonian Site No.: 42Dc1055  
Temporary Site No.: ERMF K/2  
Well Location: Monument Federal 12-7-9-16Y  
Legal Description: T. 9S, R. 16E, S. 7, SW/SW/NW  
Jurisdiction: BLM, Diamond Mountain Resource Area  
Description: This is a medium size trash scatter situated at the base of a ridge, west of Wells Draw (Figure 1). The site measures 70 m north-south by 80 m east-west (Figure 3). It appears to have been a short term livestock (sheep) camp in which a wagon (Home on the Range) was used for cooking purposes. Historic items include numerous sanitary evaporated milk cans, several sanitary fruit cans, a coffee can, and a broken purple glass whiskey bottle ("HAYNER WHISKEY"). The occupational span of the site was between 1904 and 1914.

#### Isolated Finds of Artifacts

Isolated Find A (IF-A) is located in the NW, SE, SE of S. 7, T. 9S., R. 15E. (UTM 572100E and 4432380N). It is a brown semi-translucent chert secondary flake. Isolated Find B (IF-B) is located in the NW, SW, SE of S. 6, T. 9S., R. 16E. (UTM 571570E and 4433950N). It consists of a Hole-in-top cut around can (4 in. high, 4 3/4 in. diameter) and a evaporated milk sanitary can (4 5/16 high, 2 15/16 in. diameter) with a 3/4 in. diameter cap. Isolated Find C (IF-C) is located in the NW, SE, SW of S. 31, T. 9S., R. 16E. (UTM 571200E and 4435780N). It is the midsection of a dark brown semi-translucent chert Stage IV biface displaying oblique parallel flaking, a lateral bend fracture and a lateral perverse fracture. It measures 3.8 cm (incomplete) by 2.9 cm by 0.6 cm. Isolated Find D (IF-D) is located in the NW, SW, NW of S. 6, T. 9S., R. 16E. (UTM 570800E and 4434820N) and consists of a white opaque secondary flake. Isolated Find E (IF-E) is located in the SE, SE, NE of S. 17, T. 9S., R. 15E. (UTM 570750E

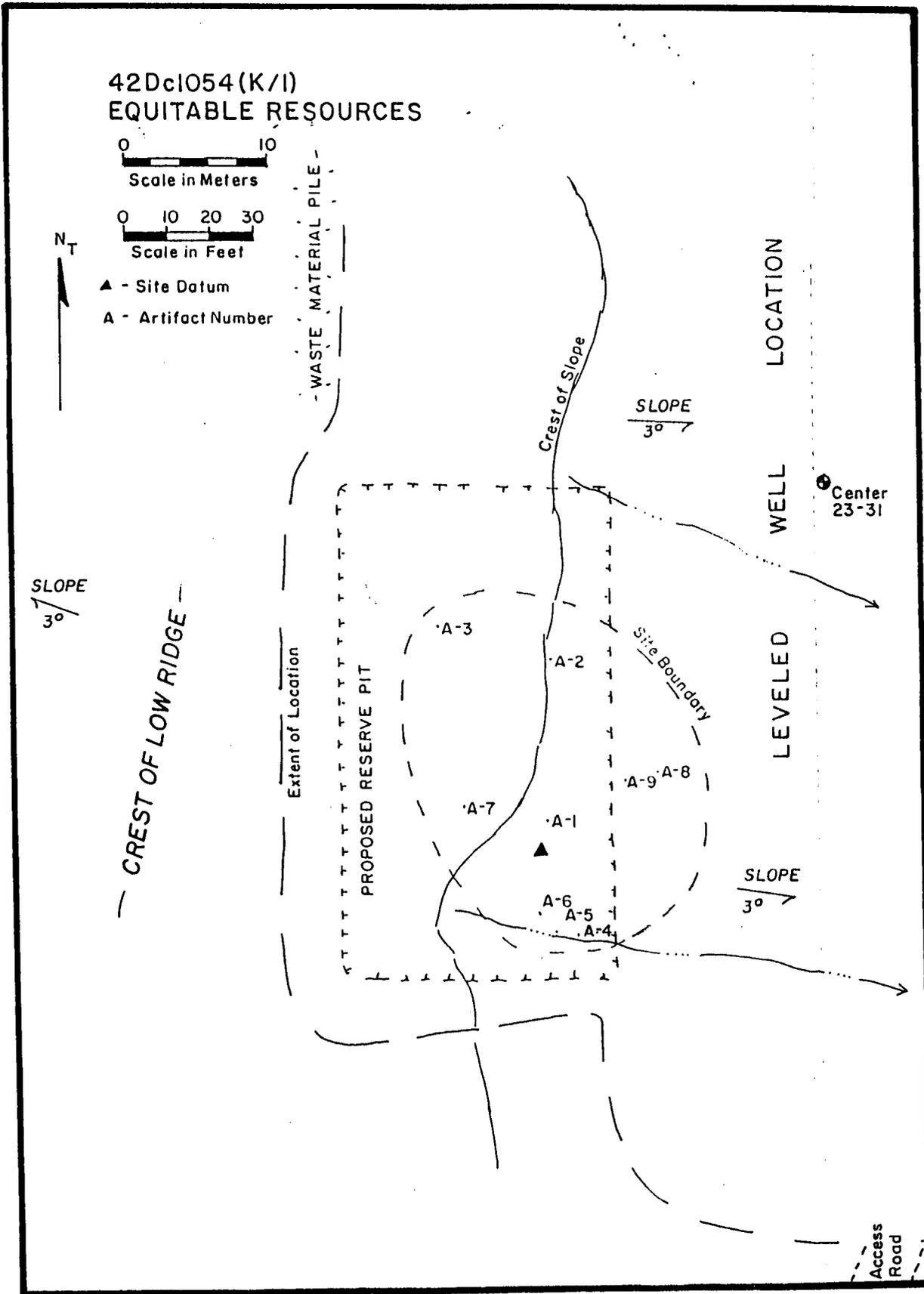


Figure 2. Site 42Dc1054 Map.

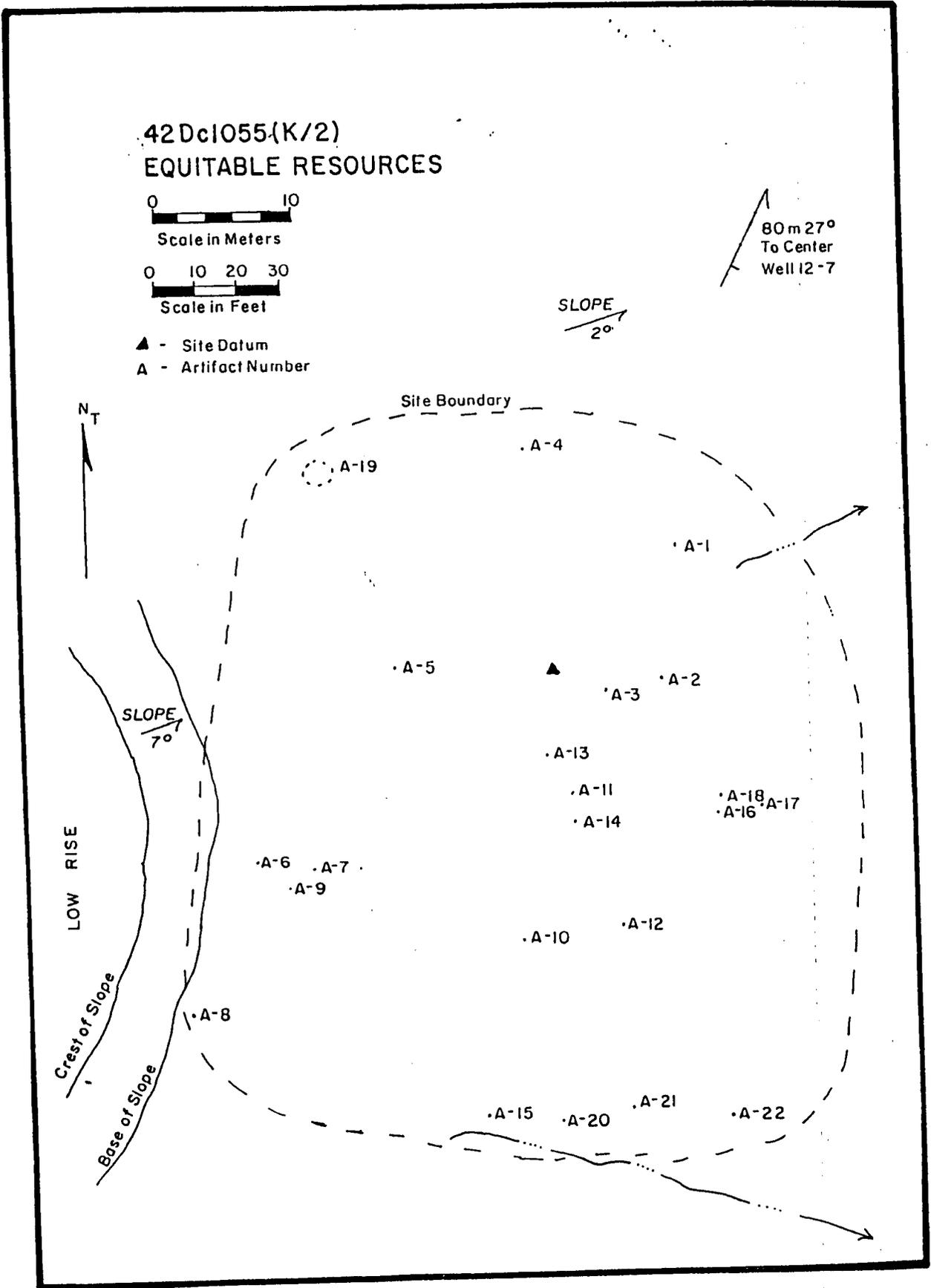


Figure 3. Site 42Dc1055 Map.

and 4433240N). It consists of 20 pieces of a clear quart canning jar and a zinc lid with a porcelain insert. Isolated Find F (IF-F) is located in the NE, SW, SE of S. 7, T. 8S., R. 16E. (UTM 571900E and 4433240N) and is a Hole-in-cap cut around smashed can.

#### NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The inventory of the sixteen Equitable Resources well locations and access road resulted in the documentation of two historic sites (42DC1054 and 42DC1055), and six isolated finds of artifacts. No paleontological resources were identified in the project area. The two historic trash scatters are evaluated as not eligible for inclusion to the NRHP. These sites represent short-term camps lacking cultural features and potential for subsurface artifacts. As well, the historic sites lack important information pertaining to the history of the region. The six prehistoric and historic isolated finds of artifacts are not considered eligible to the NRHP, since they lack additional research potential.

#### SUMMARY AND RECOMMENDATIONS

The inventory of Equitable Resource's Monument Federal sixteen drill locations resulted in the recordation of two historic trash scatters as well as six prehistoric and historic isolated finds of artifacts. No paleontological localities were observed in the project area. Sites 42Dc1054 and 42Dc1055 are evaluated as not eligible to the NRHP. Based on these findings, a determination of "no effect" is recommended for this project pursuant to Section 106, CFR 800.

## References Cited

- Alexander, Robert  
1985 Archaeological Survey of Roseland Federal 11-5, Duchesne County, Utah. Grand River Consultants, Colorado. BLM Report No. U-85-GB-703.
- Hartley, John D.  
1984 Archaeological Survey for Lomax Exploration Company's Antelope Canyon Federal 4-23, Duchesne County, Utah. BLM Report No. 013-229.
- Hauck, F.R.  
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. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. 013-251.
- 1984 Cultural Resource Evaluation of the Phillips Petroleum Pipeline Corridor in the Antelope Canyon, Wells Draw and Pariette Bench Localities, Duchesne County, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. 013-251.
- 1996 Cultural Resource Evaluation of Thirteen Proposed Well Locations and Access Routes in the Castle Peak Draw Locality of Duchesne & Uintah Counties, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. U-95-AF-773.
- Hauck, F.R. and Glade V. Hayden  
1993 Cultural Resource Evaluation of Four Proposed Wells in the Monument Buttes and Pleasant Valley Localities of Duchesne and Uintah Counties, Utah. Archeological-Environmental Research Corporation, Bountiful. BLM Report No. U-93-AF-655.
- 1995 Cultural Resource Evaluation of a Series of Proposed Water Return Pipeline Routes in the Castle Peak Draw Locality of Duchesne County, Utah. Archeological-Environmental Research Corporation, Bountiful.
- Polk, Michael R.  
1989 A Cultural Resources Survey of Two NGC Energy Well Pads Near Wells Draw, Duchesne County, Utah. Sagebrush Archaeological Consultants, Ogden, Utah. BLM Report No. U-89-SJ-097.
- Tate, Marcia J.  
1984 Archaeological Survey of Damson Oil Corporation Federal #22-12, Duchesne County, Utah. Powers Elevation, Golden, Colorado. BLM Report No. 013-152.
- Weymouth, Heather M. and Lynita S. Langley  
1996 A Cultural Resources Survey of Inland Resources Pipeline Group 2: Segment 3, Duchesne County, Utah. Sagebrush Archaeological Consultants, Ogden, Utah. BLM Report No. U-96-SJ-076.

## APPENDIX A

INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS)  
SITE INVENTORY FORMS

On File At:

Utah Division of State History  
Salt Lake City, Utah

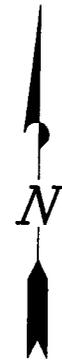
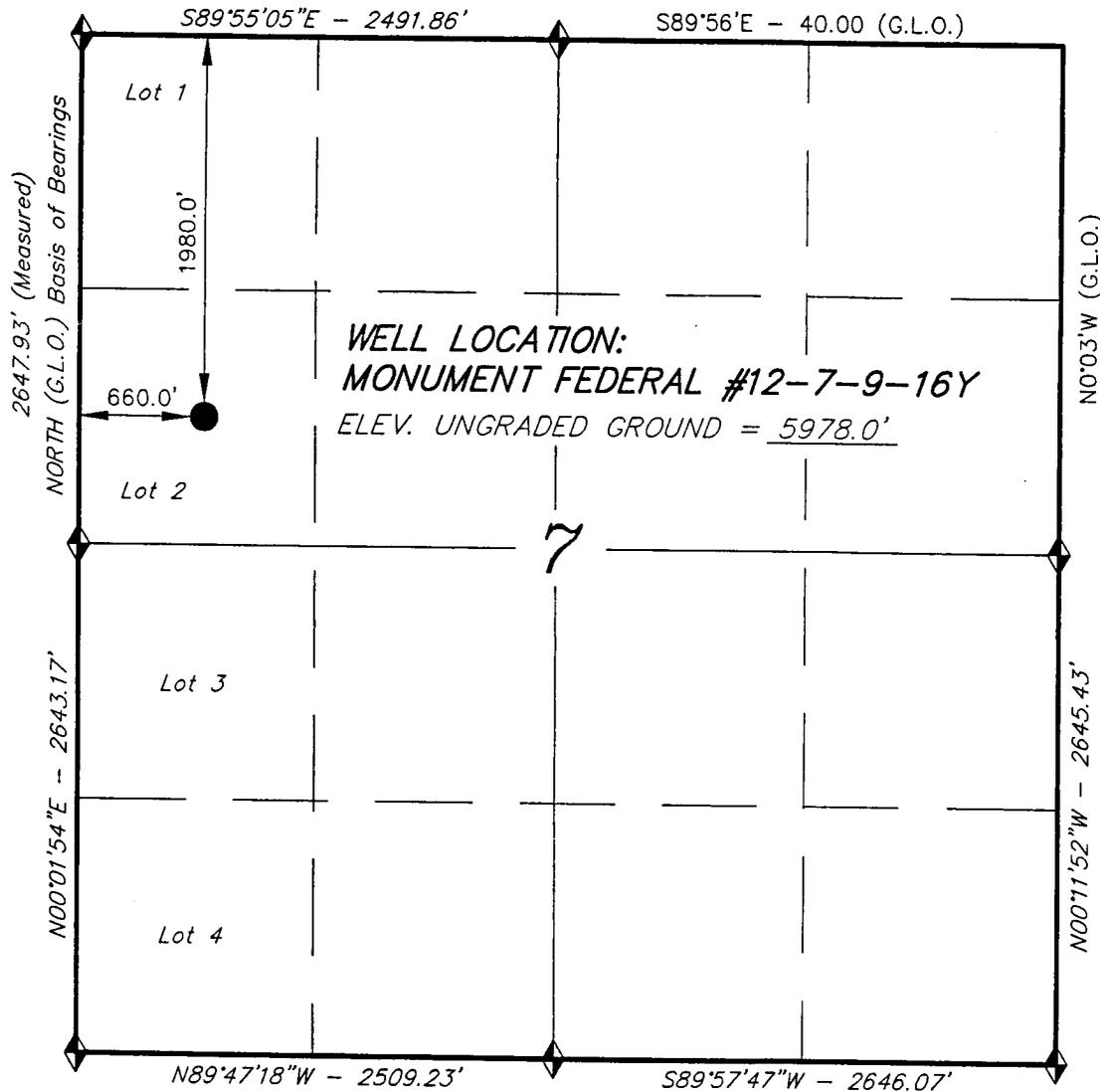
and

U.S. Bureau of Land Management  
Diamond Mountain Resource Area  
Vernal, Utah

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

**EQUITABLE RESOURCES ENERGY CO.**

WELL LOCATION, MONUMENT FEDERAL #12-7-9-16Y, LOCATED AS SHOWN IN LOT 2 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

*Gene Stewart*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 1441024182  
 STATE OF UTAH

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

◆ = SECTION CORNERS LOCATED

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

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

|                   |                   |
|-------------------|-------------------|
| SCALE: 1" = 1000' | SURVEYED BY: G.S. |
| DATE: 12-15-96    | WEATHER: COLD     |
| NOTES:            | FILE #            |

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/15/97

API NO. ASSIGNED: 43-013-31777

WELL NAME: MON FED 12-7-9-16Y  
 OPERATOR: EQUITABLE RESOURCES CO (N9890)

PROPOSED LOCATION:  
 SWNW 07 - T09S - R16E  
 SURFACE: 1980-FNL-0660-FWL  
 BOTTOM: 1980-FNL-0660-FWL  
 DUCHESNE COUNTY  
 UNDESIGNATED FIELD (002)

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

LEASE TYPE: FED  
 LEASE NUMBER: UTU-74390

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal  State  Fee   
 (Number MT 0576)

Potash (Y/N)

Oil shale (Y/N)

Water permit  
 (Number 47-1674)

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: Confidential.  
Cultural Resource Report, 12/27/96.

STIPULATIONS: \_\_\_\_\_

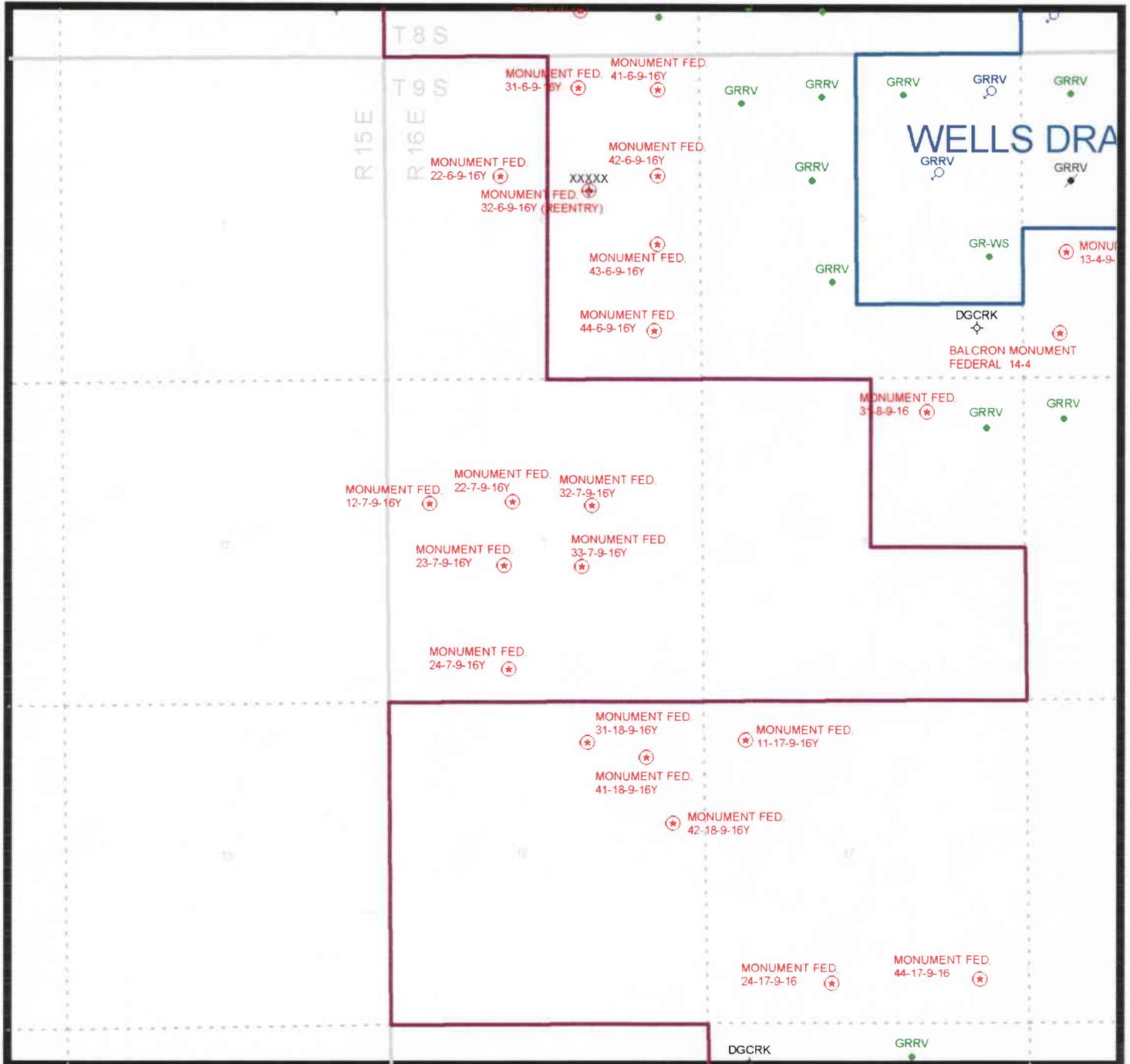
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

OPERATOR: EQUITABLE RESOURCES  
FIELD: UNDESIGNATED (002)  
SECTION: 7, 17, T9S, R16E  
COUNTY: DUCHESNE  
SPACING: UAC R649-3-2



PREPARED:  
DATE: 21-JAN-97



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

1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

February 4, 1997

Equitable Resources Energy Company  
1601 Lewis Avenue  
Billings, Montana 59102

Re: Monument Federal 12-7-9-16Y Well, 1980' FNL, 660' FWL,  
SW NW, Sec. 7, T. 9 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 43-013-31777.

Sincerely,

A handwritten signature in black ink, appearing to read "R. L. Firth".

R. L. 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 12-7-9-16Y  
API Number: 43-013-31777  
Lease: UTU-74390  
Location: SW NW Sec. 7 T. 9 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 R. J. Firth (801)538-5274 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.

12/3194  
UNITED STATES  
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

**CONFIDENTIAL**

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 NW Section 7, T9S, R16E 1980' FNL, 660' FWL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 13.6 miles SW of Myton, Utah

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  
5,850'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5978' GL

22. APPROX. DATE WORK WILL START\*  
2/1/97

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE                                | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---|----------------|-----------------|---------------|--------------------|
| See attached 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 American as surety under BLM Bond No. MT 0576 (Nationalwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

**RECEIVED**  
FEB 10 1997  
DIVISION OF OIL, GAS & MINERAL RESOURCES

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

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 January 13, 1997  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY Amy Kuyper TITLE ACTING Assistant Field Manager DATE FEB 05 1997  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_  
Mineral Resources

**CONDITIONS OF APPROVAL ATTACHED NOTICE OF APPROVAL**  
\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 12-7-9-16Y

API Number: 43-013-31777

Lease Number: U-74390

Location: SWNW Sec. 7 T. 9S 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 running the next casing string or requesting plugging orders**. 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.

3. Casing Program and Auxiliary Equipment

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

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at  $\pm 993$  ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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  $\pm 793$  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. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

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

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

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) 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 3162.7-5 (b. 4).

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

7. Other Information

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

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

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 following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

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

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

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

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

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

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

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

Ed Forsman            (801) 789-7077  
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**

### Proposed Production Facilities

A dike will be constructed completely around those production facilities which contain fluids. These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank.

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.

### 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.

### **Raptor Habitat**

If this is a producing well the operator is required to install a hospital type muffler or a multicylinder engine to the pumping unit to limit noise impacts to nesting raptor species.

### Surface gas Lines

1. Installation of the proposed surface gas lines will not be performed during periods when the soil is too wet to adequately support installation equipment. If equipment create ruts in excess of four inches, the soil will be deemed too wet to adequately support the equipment.

2. All surface lines will be either black or brown in color.
3. Lines will be laid as close to roads as possible but far enough off the road surface to prevent interference with normal use of the road or road maintenance.
4. Notify all workers that during maintenance or inspection of the surface gas line, that disturbance to vegetated lands shall be kept to a minimum.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-74390

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Nine Mile #5-7

9. API Well No.

43-013-31777

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

SUBMIT IN TRIPLICATE

1. Type of Well

[X] Oil Well [ ] Gas well [ ] Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

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

SW/NW 1980' FNL & 660' FWL

Sec 7 T9S R16E

CONFIDENTIAL

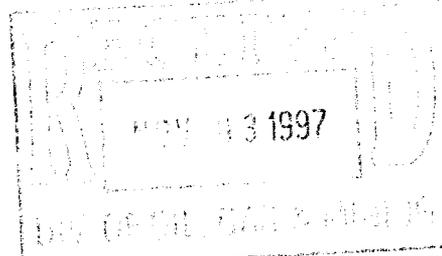
12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing repair, Altering Casing, Other (Amended drilling program), Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-off, Conversion to Injection, Dispose Water.

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

Inland Production Company requests to change the name of the Monument Federal #12-7-9-16Y (formerly operated by Equitable Resources Energy Company,) to the Nine Mile #5-7. Please refer to the attached copy for the change of operator, effective as of September 30, 1997.

The Application For Permit To Drill the above referenced location was approved on February 5, 1997. Please see the attached amended drilling program for Inland Production Company. Included is a copy of the approved APD cover sheet and COA's, for your convenience.



CONFIDENTIAL

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

Signed

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date 10/23/97

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

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

\*See Instruction on Reverse Side

RECEIVED

OCT 16 1997



October 7, 1997

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

RE: Change of Operator  
Duchesne & Vernal Counties, Utah

Dear Mr. Forsman:

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

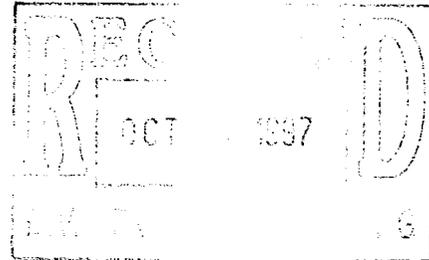
If you should have questions regarding this matter, please do not hesitate to contact me at the number listed below.

Sincerely,

INLAND PRODUCTION COMPANY

  
Patsy Barreau

/pb  
encls.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other | 5. Lease Designation and Serial No.<br>See Attached     |
| 2. Name of Operator<br>Inland Production Company   | 6. If Indian, Allottee or Tribe Name<br>n/a             |
| 3. Address and Telephone No.<br>475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900                                   | 7. If Unit or CA, Agreement Designation<br>See Attached |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>See Attached   | 8. Well Name and No.<br>See Attached                    |
|  | 9. API Well No.<br>See Attached                         |
|  | 10. Field and Pool, or Exploratory Area<br>See Attached |
|  | 11. County or Parish, State<br>See Attached             |

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OCT 13 1997

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>Change of Operator</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.)\*

Effective September 30, 1997, Inland Production Company will take over Operations of the Approved and Pending Applications for Permit to Drill listed on the attached exhibit. 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 BLM Bond No. UT0056 issued by The Hartford Insurance Group.

RECEIVED  
OCT 10 1997  
OCT 20 1997

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

Signed Chris A. Potter      **CHRIS A. POTTER, ATTORNEY-IN-FACT**      Date 9/30/97

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Revised 9/17/97

09/30/97

EREC APD LIST  
(APPROVED and PENDING)

| WELL NAME                       | FIELD          | QTR/QTR | SEC. | TWP. | RANGE | COUNTY   | ST. | APD STATUS | ZONE        | ST = State<br>FED. OR STATE<br>LEASE NO | API NUMBER   | FOOTAGES             | BLM OFFICE            | UNIT OR WELL<br>FILE NO. |
|---------------------------------|----------------|---------|------|------|-------|----------|-----|------------|-------------|---|--------------|----------------------|-----------------------|--------------------------|
| Monument Federal #11-10-9-17Y   | Monument Butte | NW NW   | 10   | 9S   | 17E   | Duchesne | UT  | PND        | Green River | U-65210                                 |              |                      |                       |                          |
| ✓ Monument Federal #11-17-9-16Y | Monument Butte | NW NW   | 17   | 9S   | 17E   | Duchesne | UT  | APRVD      | Green River | U-65210                                 | 4301331534   | 409' FNL, 475' FWL   | Vernal                |                          |
| ✓ Monument Federal #12-7-9-16Y  | Monument Butte | SW NW   | 7    | 9S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-74390                               | 43-013-31779 | 575' FNL, 640' FWL   | Vernal                |                          |
| ✓ Monument Federal #12-11-9-17Y | Monument Butte | SW NW   | 11   | 9S   | 17E   | Duchesne | UT  | APRVD      | Green River | UT-74390                                | 43-013-31777 | 1980' FNL, 660' FWL  | Vernal                |                          |
| ✓ Monument Federal #14-22-8-17  | Monument Butte | SW SW   | 22   | 8S   | 17E   | Duchesne | UT  | APRVD      | Green River | U-65210                                 | 43-013-31679 | 1996' FNL, 673' FWL  | Vernal                |                          |
| ✓ Monument Federal #14-25-8-17  | Monument Butte | SW SW   | 25   | 8S   | 17E   | Duchesne | UT  | APRVD      | Green River | U-67845                                 | 43-013-31643 | 532' FSL, 495' FWL   | Vernal                |                          |
| ✓ Monument Federal #21-6-9-16Y  | Monument Butte | NE NW   | 6    | 9S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-74870                               | 43-047-32765 | 660' FSL, 660' FWL   | Vernal                |                          |
| ✓ Monument Federal #21-18-9-16Y | Monument Butte | NE NW   | 18   | 9S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-74390                               | 43-013-31816 | 663' FNL, 1728' FWL  | Vernal                | Humpback                 |
| ✓ Monument Federal #21-22-9-16Y | Monument Butte | NE NW   | 22   | 9S   | 16E   | Duchesne | UT  | PND        | Green River | UTU-74390                               |              |                      |                       |                          |
| ✓ Monument Federal #22-6-9-16Y  | Monument Butte | SE NW   | 6    | 9S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-64379                               | 4301331817   | 859' FNL, 1660' FWL  | Vernal                |                          |
| ✓ Monument Federal #22-7-9-16Y  | Monument Butte | SE NW   | 7    | 9S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-74390                               | 43-013-31727 | 911' FNL, 2030' FWL  | Vernal                |                          |
| ✓ Monument Federal #22-6-9-16Y  | Monument Butte | SE NW   | 7    | 9S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-74390                               | 43-013-31719 | 2011' FNL, 1869' FWL | Vernal                |                          |
| ✓ Monument Federal #23-31-8-16Y | Monument Butte | NE SW   | 31   | 8S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-74390                               | 43-013-31776 | 2036' FNL, 2070' FWL | Vernal                |                          |
| ✓ Monument Federal #24-6-9-16Y  | Monument Butte | SE SW   | 6    | 9S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-74389                               | 43-013-31812 | 1938' FSL, 1756' FWL | Vernal                |                          |
| ✓ Monument Federal #24-7-9-16Y  | Monument Butte | SE SW   | 7    | 9S   | 16E   | Duchesne | UT  | PND        | Green River | UTU-74390                               | 43-013-31810 | 1980' FSL, 1826' FWL | Vernal                |                          |
| ✓ Monument Federal #24-31-8-16Y | Monument Butte | SE SW   | 31   | 8S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-74390                               | 4301331811   | 717' FSL, 2118' FWL  | Vernal                |                          |
| ✓ Monument Federal #31-10-9-17Y | Monument Butte | NW NE   | 10   | 9S   | 17E   | Duchesne | UT  | APRVD      | Green River | U-49950                                 | 43-013-31775 | 517' FSL, 1952' FWL  | Vernal                |                          |
| ✓ Monument Federal #32-5-9-17   | Monument Butte | SW NE   | 5    | 9S   | 17E   | Duchesne | UT  | PND        | Green River | U-65210                                 | 43-013-31780 | 682' FSL, 1832' FWL  | Vernal                |                          |
| ✓ Monument Federal #32-7-9-16Y  | Monument Butte | SW NE   | 7    | 9S   | 16E   | Duchesne | UT  | PND        | Green River | UTU-74808                               | 4301331591   | 660' FNL, 1980' FEL  | Vernal                |                          |
| ✓ Monument Federal #32-18-9-16Y | Monument Butte | SW NE   | 18   | 9S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-74390                               | 4301331818   | 1833' FNL, 1913' FEL | Vernal                |                          |
| ✓ Monument Federal #32-20-9-18Y | 8 Mile Flat    | SW NE   | 20   | 9S   | 18E   | Uintah   | UT  | PND        | Green River | UTU-74390                               | 43-013-31778 | 2048' FNL, 1769' FEL | Vernal                |                          |
| ✓ Monument Federal #33-5-9-17   | Monument Butte | NW SE   | 5    | 9S   | 17E   | Duchesne | UT  | APRVD      | Green River | U-64917                                 | 4301331805   | 1996' FNL, 1910' FEL | Vernal                |                          |
| ✓ Monument Federal #33-7-9-16Y  | Monument Butte | NW SE   | 7    | 9S   | 16E   | Duchesne | UT  | PND        | Green River | UTU-74808                               | 43-047-32725 | 1980' FNL, 1980' FEL | Vernal                |                          |
| ✓ Monument Federal #33-31-8-16Y | Monument Butte | NE SE   | 31   | 8S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-74390                               | 4301331819   | 1754' FSL, 2031' FEL | Vernal                |                          |
| ✓ Monument Federal #34-6-9-16Y  | Monument Butte | SW SE   | 34   | 9S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-74389                               | 43-013-31773 | 2131' FSL, 1910' FEL | Vernal                |                          |
| ✓ Monument Federal #34-7-9-16Y  | Monument Butte | SW SE   | 7    | 9S   | 16E   | Duchesne | UT  | PND        | Green River | UTU-74390                               | 43-013-31772 | 1957' FSL, 1810' FEL | Vernal                |                          |
| ✓ Monument Federal #34-31-8-18Y | Monument Butte | SWSE    | 34   | 8S   | 18E   | Uintah   | UT  | PND        | Green River | UTU-74390                               | 4301331774   | 660' FSL, 1980' FEL  | Vernal                |                          |
| ✓ Monument Federal #41-22-8-17  | Monument Butte | NE NE   | 22   | 8S   | 17E   | Duchesne | UT  | PND        | Green River | UTU-74404                               | 4301331803   | 701' FSL, 2075' FEL  | Vernal                |                          |
| ✓ Monument Federal #41-25-8-17  | Monument Butte | NE NE   | 25   | 8S   | 17E   | Uintah   | UT  | APRVD      | Green River | UTU-76240                               | 4304732845   | 636' FSL, 2160' FEL  | Vernal                |                          |
| ✓ Monument Federal #41-35-9-18Y | Monument Butte | NE NE   | 35   | 9S   | 18E   | Uintah   | UT  | APRVD      | Green River | U-67845                                 | 43-013-31827 | 703' FNL, 759' FEL   | Vernal (Private sfc.) |                          |
| ✓ Monument Federal #42-22-8-17  | Monument Butte | SE NE   | 22   | 8S   | 17E   | Duchesne | UT  | APRVD      | Green River | U-68618                                 | 43-047-32766 | 800' FNL, 860' FEL   | Vernal                | Humpback                 |
| ✓ Monument Federal #42-25-8-17  | Monument Butte | NE NE   | 25   | 8S   | 17E   | Uintah   | UT  | APRVD      | Green River | UTU-76240                               | 43-013-31826 | 500' FNL, 660' FEL   | Vernal                |                          |
| ✓ Monument Federal #43-22-8-17  | Monument Butte | NE SE   | 22   | 8S   | 17E   | Duchesne | UT  | APRVD      | Green River | U-67845                                 | 43-047-32767 | 1930' FNL, 803' FEL  | Vernal (Private sfc.) |                          |
| ✓ Monument Federal #43-31-8-16Y | Monument Butte | NE SE   | 31   | 8S   | 16E   | Duchesne | UT  | APRVD      | Green River | UTU-67845                               | 43-013-31813 | 2174' FSL, 557' FEL  | Vernal                |                          |
| ✓ Monument Federal #43-31-8-18Y | Monument Butte | NE SE   | 31   | 8S   | 18E   | Uintah   | UT  | APRVD      | Green River | UTU-74389                               | 43-013-31815 | 1980' FSL, 660' FEL  | Vernal                |                          |
| ✓ Monument Federal #43-25-8-17  | Monument Butte | NE SE   | 25   | 8S   | 17E   | Uintah   | UT  | PND        | Green River | UTU-74404                               | 4304732844   | 1764' FSL, 623' FEL  | Vernal                |                          |
| ✓ Monument Federal #44-7-9-16Y  | Monument Butte | SE SE   | 7    | 9S   | 16E   | Duchesne | UT  | APRVD      | Green River | U-67845                                 | 43-047-32768 | 1973' FSL, 719' FEL  | Vernal                |                          |
| ✓ Monument Federal #44-31-8-18Y | Monument Butte | SE SE   | 31   | 8S   | 18E   | Uintah   | UT  | PND        | Green River | UTU-74390                               | 4301331804   | 660' FSL, 660' FEL   | Vernal                |                          |
| ✓ Monument State #41-2-9-17CD   | Monument Butte | NE NE   | 2    | 9S   | 17E   | Uintah   | UT  | PND        | Green River | U-65969                                 | 4304732728   | 915' FSL, 759' FEL   | Vernal                | Beluga                   |
| ✓ Monument State #42-2-9-17CD   | Monument Butte | SE NE   | 2    | 9S   | 17E   | Uintah   | UT  | APRVD      | Green River | State #ML-45555                         | 43-047-32843 | 862' FNL, 660' FEL   | Vernal                | Castle Draw              |
|                                 |                |         |      |      |       |          | UT  | APRVD      | Green River | State #ML-45555                         | 42-047-32842 | 1985' FNL, 660' FEL  |                       | Castle Draw              |

UNITED STATES  
DEPARTMENT OF THE INTERIOR **CONFIDENTIAL**  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
Equitable Resources Energy Company

3. ADDRESS OF OPERATOR  
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 NW Section 7, T9S, R16E 1980' FNL, 660' FWL  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 13.6 miles SW of Myton, Utah

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

18. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

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

19. PROPOSED DEPTH  
5,850'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5978' GL

22. APPROX. DATE WORK WILL START\*  
2/1/97

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE                                | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|---|----------------|-----------------|---------------|--------------------|
| See attached 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 American as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all the terms and conditions of that portion of the lease associated with this application.

RECEIVED

JAN 15 1997

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 BY Bobbie Schuman TITLE Regulatory and Environmental Specialist DATE January 13, 1997  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY [Signature] TITLE ACTING Assistant Field Manager DATE FEB 05 1997  
CONDITIONS OF APPROVAL, IF ANY \_\_\_\_\_  
Mineral Resources

**CONDITIONS OF APPROVAL ATTACHED**

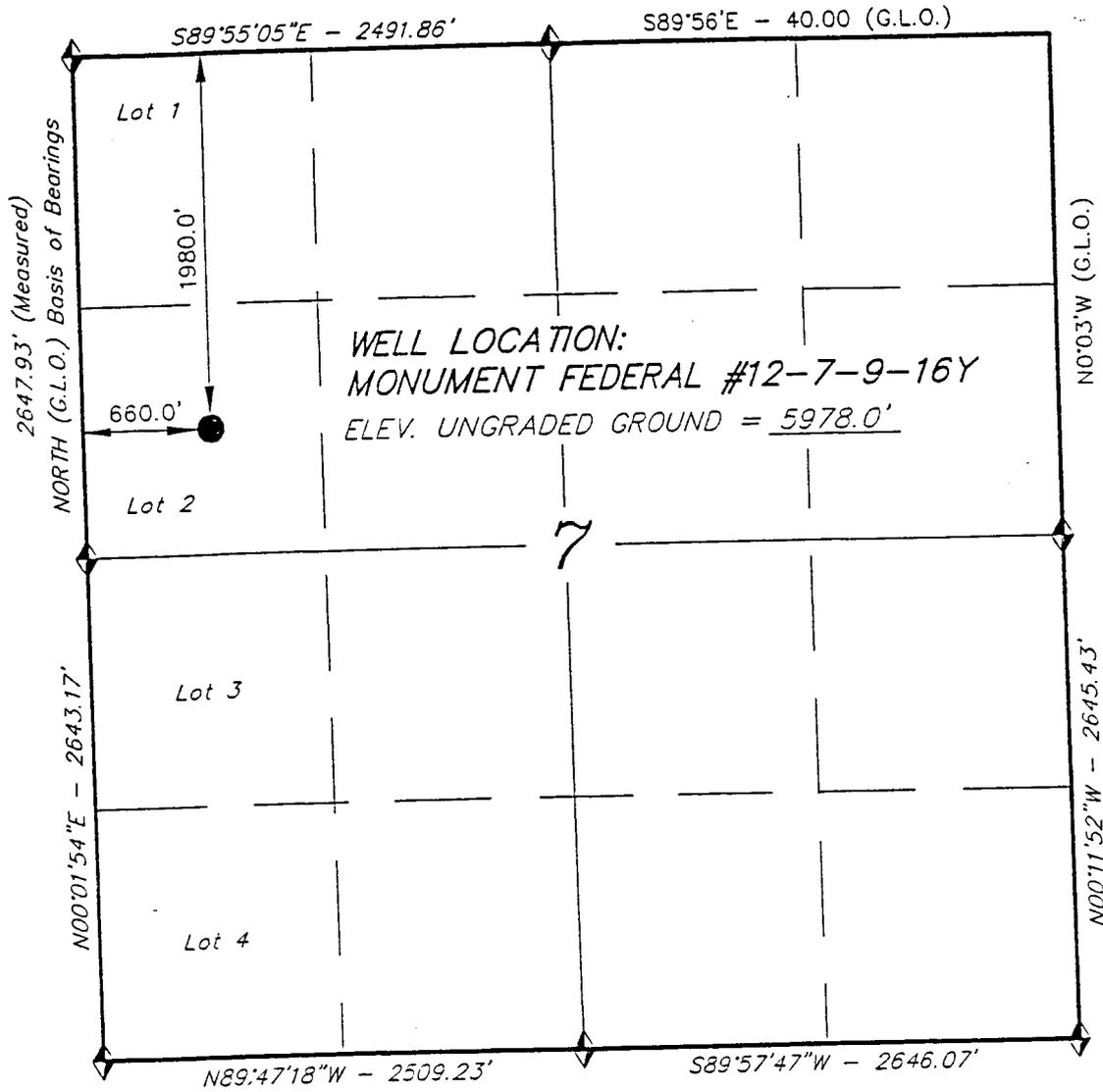
**NOTICE OF APPROVAL**

\*See Instructions On Reverse Side

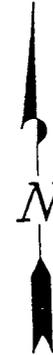
T9S, R16E, S.L.B.&M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, MONUMENT FEDERAL #12-7-9-16Y, LOCATED AS SHOWN IN LOT 2 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



WELL LOCATION:  
 MONUMENT FEDERAL #12-7-9-16Y  
 ELEV. UNGRADED GROUND = 5978.0'



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

REGISTERED LAND SURVEYOR  
 GENE STEWART  
 REGISTERED LAND SURVEYOR  
 REG. NO. 1441024182  
 STATE OF UTAH

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

◆ = SECTION CORNERS LOCATED  
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

|                   |                   |
|-------------------|-------------------|
| SCALE: 1" = 1000' | SURVEYED BY: G.S. |
| DATE: 12-15-96    | WEATHER: COLD     |
| NOTES:            | FILE #            |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0133  
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

Inland Production Company

3. Address and Telephone No.

475 - 17th Street, Suite 1500, Denver, CO 80202 (303) 292-0900

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

See Attached

5. Lease Designation and Serial No.

See Attached

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

See Attached

8. Well Name and No.

See Attached

9. API Well No.

See Attached

10. Field and Pool, or Exploratory Area

See Attached

11. County or Parish, State

See Attached

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

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

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

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Equitable Resources Energy Company  
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Billings, MT 59102'

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

Signed

*Chris A. Potter*

CHRIS A. POTTER, ATTORNEY-IN-FACT

Date

9/30/97

(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.

\*See Instruction on Reverse Side

| Revised 9/17/97               |                | 09/30/97 |      | EREC APO LIST<br>(APPROVED and PENDING) |       |          |     |               |             |  |  |
|-------------------------------|----------------|----------|------|---|-------|----------|-----|---------------|-------------|--|--|
| WELL NAME                     | FIELD          | QTR/QTR  | SEC. | TWP.                                    | RANGE | COUNTY   | ST. | APD<br>STATUS | ZONE        |  |  |
| Monument Federal #11-10-9-17Y | Monument Butte | NW NW    | 10   | 9S                                      | 17E   | Duchesne | UT  | PND           | Green River |  |  |
| Monument Federal #11-17-9-16Y | Monument Butte | NW NW    | 17   | 9S                                      | 17E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #12-7-9-16Y  | Monument Butte | SW NW    | 7    | 9S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #12-11-9-17Y | Monument Butte | SW NW    | 11   | 9S                                      | 17E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #14-22-8-17  | Monument Butte | SW SW    | 22   | 8S                                      | 17E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #14-25-8-17  | Monument Butte | SW SW    | 25   | 8S                                      | 17E   | Uintah   | UT  | APRVD         | Green River |  |  |
| Monument Federal #21-6-9-16Y  | Monument Butte | NE NW    | 6    | 9S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #21-18-9-16Y | Monument Butte | NE NW    | 18   | 9S                                      | 16E   | Duchesne | UT  | PND           | Green River |  |  |
| Monument Federal #21-22-9-16Y | Monument Butte | NE NW    | 22   | 9S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #22-5-9-16Y  | Monument Butte | SE NW    | 6    | 9S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #22-7-9-16Y  | Monument Butte | SE NW    | 7    | 9S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #23-5-9-16Y  | Monument Butte | NE SW    | 6    | 9S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #23-31-8-16Y | Monument Butte | NE SW    | 31   | 8S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #24-5-9-16Y  | Monument Butte | SE SW    | 6    | 9S                                      | 16E   | Duchesne | UT  | PND           | Green River |  |  |
| Monument Federal #24-7-9-16Y  | Monument Butte | SE SW    | 7    | 9S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #24-31-8-16Y | Monument Butte | SE SW    | 31   | 8S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #31-10-9-17Y | Monument Butte | NW NE    | 10   | 9S                                      | 17E   | Duchesne | UT  | PND           | Green River |  |  |
| Monument Federal #32-5-9-17   | Monument Butte | SW NE    | 5    | 9S                                      | 17E   | Duchesne | UT  | PND           | Green River |  |  |
| Monument Federal #32-7-9-16Y  | Monument Butte | SW NE    | 7    | 9S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #32-18-9-16Y | Monument Butte | SW NE    | 18   | 9S                                      | 16E   | Duchesne | UT  | PND           | Green River |  |  |
| Monument Federal #32-20-9-16Y | 8 Mile Flat    | SW NE    | 20   | 9S                                      | 18E   | Uintah   | UT  | APRVD         | Green River |  |  |
| Monument Federal #33-5-9-17   | Monument Butte | NW SE    | 5    | 9S                                      | 17E   | Duchesne | UT  | PND           | Green River |  |  |
| Monument Federal #33-7-9-16Y  | Monument Butte | NW SE    | 7    | 9S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #33-31-8-16Y | Monument Butte | NE SE    | 31   | 8S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #34-5-9-16Y  | Monument Butte | SW SE    | 34   | 9S                                      | 16E   | Duchesne | UT  | PND           | Green River |  |  |
| Monument Federal #34-7-9-16Y  | Monument Butte | SW SE    | 7    | 9S                                      | 16E   | Duchesne | UT  | PND           | Green River |  |  |
| Monument Federal #34-31-8-18Y | Monument Butte | SWSE     | 34   | 8S                                      | 18E   | Uintah   | UT  | PND           | Green River |  |  |
| Monument Federal #41-22-8-17  | Monument Butte | NE NE    | 22   | 8S                                      | 17E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #41-25-8-17  | Monument Butte | NE NE    | 25   | 8S                                      | 17E   | Uintah   | UT  | APRVD         | Green River |  |  |
| Monument Federal #41-35-9-18Y | Monument Butte | NE NE    | 35   | 9S                                      | 18E   | Uintah   | UT  | APRVD         | Green River |  |  |
| Monument Federal #42-22-8-17  | Monument Butte | SE NE    | 22   | 8S                                      | 17E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #42-25-8-17  | Monument Butte | NE NE    | 25   | 8S                                      | 17E   | Uintah   | UT  | APRVD         | Green River |  |  |
| Monument Federal #43-22-8-17  | Monument Butte | NE SE    | 22   | 8S                                      | 17E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #43-31-8-16Y | Monument Butte | NE SE    | 31   | 8S                                      | 16E   | Duchesne | UT  | APRVD         | Green River |  |  |
| Monument Federal #43-31-8-18Y | Monument Butte | NE SE    | 31   | 8S                                      | 18E   | Uintah   | UT  | PND           | Green River |  |  |
| Monument Federal #43-25-8-17  | Monument Butte | NE SE    | 25   | 8S                                      | 17E   | Uintah   | UT  | APRVD         | Green River |  |  |
| Monument Federal #44-7-9-16Y  | Monument Butte | SE SE    | 7    | 9S                                      | 16E   | Duchesne | UT  | PND           | Green River |  |  |
| Monument Federal #44-31-8-18Y | Monument Butte | SE SE    | 31   | 8S                                      | 18E   | Uintah   | UT  | PND           | Green River |  |  |
| Monument State #41-2-9-17CD   | Monument Butte | NE NE    | 2    | 9S                                      | 17E   | Uintah   | UT  | APRVD         | Green River |  |  |
| Monument State #42-2-9-17CD   | Monument Butte | SE NE    | 2    | 9S                                      | 17E   | Uintah   | UT  | APRVD         | Green River |  |  |

**INLAND PRODUCTION COMPANY  
NINE MILE #5-7  
SW/NE SECTION 7, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**TEN POINT WELL PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

**2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

|             |            |
|-------------|------------|
| Uinta       | 0' - 3050' |
| Green River | 3050'      |
| Wasatch     | 6500'      |

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

Green River Formation 3050' - 6500' - Oil

**4. PROPOSED CASING AND CEMENTING PROGRAM**

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)  
5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

| <u>SIZE OF HOLE</u> | <u>SIZE OF CASING</u> | <u>WEIGHT/FOOT</u> | <u>SETTING DEPTH</u> | <u>QUANTITY OF CEMENT</u> |
|---------------------|-----------------------|--------------------|----------------------|---------------------------|
| 12 1/4"             | 8 5/8"                | 24#                | 300'                 | 120 sx                    |
| 7 7/8"              | 5 1/2"                | 15.5#              | TD                   | 400 sx followed by 330 sx |

**The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.**

**SURFACE PIPE – Premium Plus Cement, w/ 2% Gel, 2% CaCl<sub>2</sub>, 1/4#/sk Flocele**

Weight: 14.8 PPG      YIELD: 1.37 Cu Ft/sk      H<sub>2</sub>O Req: 6.5 Gal/sk

**LONG STRING: Lead: Hibond 65 Modified**

Weight: 11.0 PPG      YIELD: 3.00 Cu Ft/sk      H<sub>2</sub>O Req: 18.08 Gal/sk

**Tail: Premium Plus Thixotropic**

Weight: 14.2 PPG      YIELD: 1.59 Cu Ft/sk      H<sub>2</sub>O Req: 7.88 Gal/sk

**5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' ±, to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromate's will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

**AIR DRILLING**

In the event that the proposed Nine Mile #5-7 be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns. Inland also requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

**MUD PROGRAM**

**MUD TYPE**

Surface - 320'  
320' - 4200'  
4200' - TD

Air  
Air/Mist & Foam  
The well will be drilled with fresh water through the Green River Formation @ 4200' ±, to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer.) Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300' ±, and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' ±. The cement bond log will be run from PBTD to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the forth quarter of 1997, and take approximately six days to drill. Proposed depth @ 6500'.

**INLAND PRODUCTION COMPANY  
NINE MILE #5-7  
SW/NW SECTION 7, T9S, R16E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT WELL PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Nine Mile #5-7 located in the SW 1/4 NW 1/4 Section 7, T9S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and the Sand Wash Road; proceed southerly along this road - 1.7 miles to the Wells Draw Road intersection; proceed southwesterly 9.5 miles to the northwest; proceed northwesterly 0.6 miles to the beginning of the access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

**2. PLANNED ACCESS ROAD**

Approximately 0.2 miles of new access road is proposed.  
See Topographic Map "B".

The proposed access road will be upgraded with an 18" crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Nine Mile #5-7, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 40 X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of sale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the southwest between stakes 4 & 5.

The stockpiled topsoil (first six (6) inches) will be stored on the northwest between stakes 6 & 8.

Access to the well pad will be from the southeast corner near stake #3.

**Fencing Requirements**

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

**10. PLANS FOR RESTORATION OF SURFACE**

- a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

- b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP - Bureau Of Land Management**

12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report has been submitted by Equitable Resource Energy Company and is on file with the Bureau of Land Management.

***Additional Surface Stipulations***

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

***Hazardous Material Declaration***

Inland Production Company guarantees that during the drilling and completion of Nine Mile #5-7 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Nine Mile #5-7, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron  
Address: P.O. Box 790233 Vernal, Utah 84079  
Telephone: (801) 789-1866

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #5-7 SW/NW Section 7, Township 9S, Range 16E: Lease #UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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 currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production 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.

10/22/97

Date



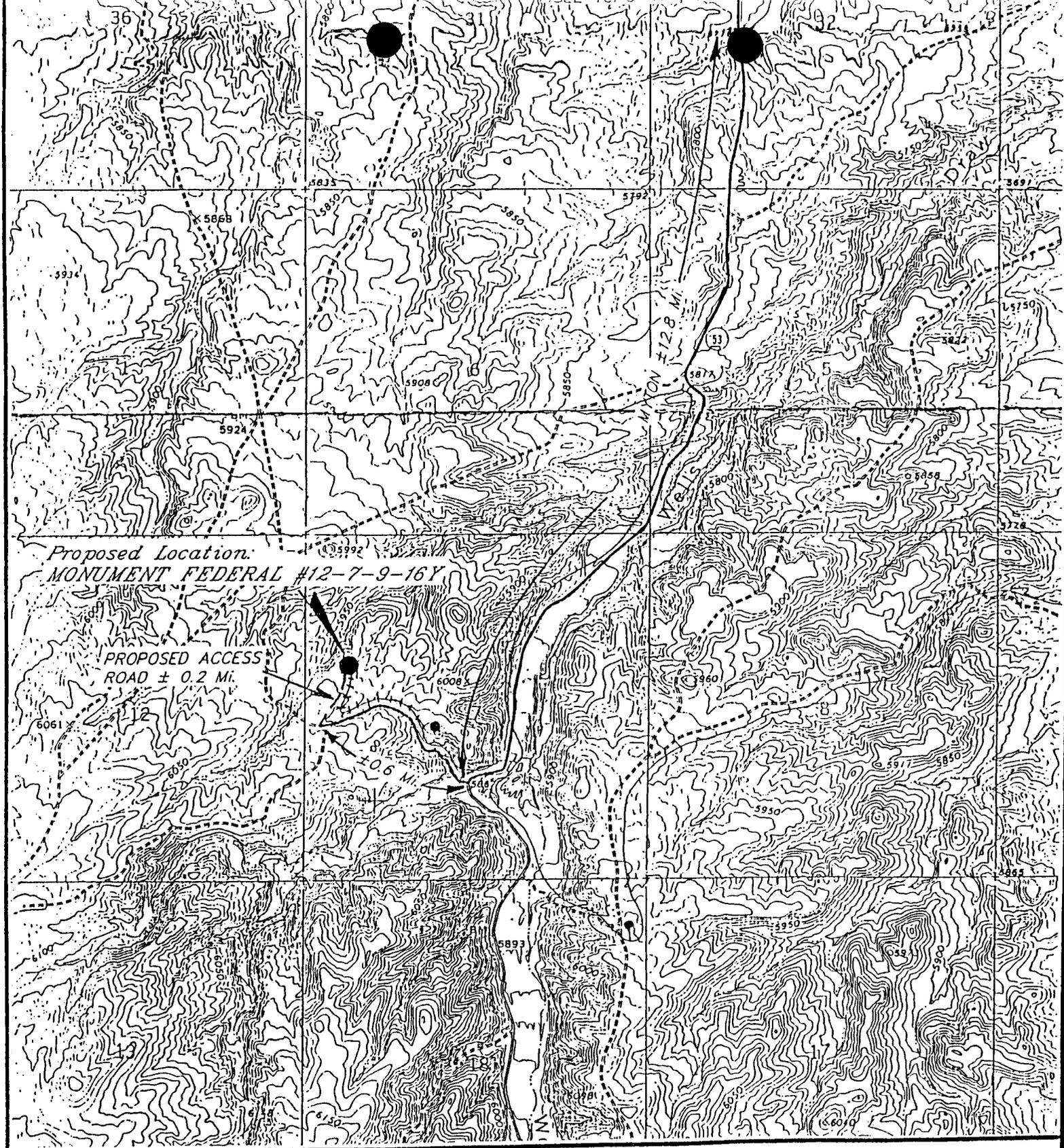
Cheryl Cameron  
Regulatory Compliance Specialist

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 attached map for the pipeline route. The gas line will be a polyurethane surface line.

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

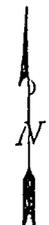
Route will follow existing roads where feasible. Operator requests a 30' width for the Right-of-Way with an additional 30' width for working surface as necessary.



**GAS GATHERING LINES**  
 Monument Federal #12-7-9-16Y  
 Section 7, T9S, R16E

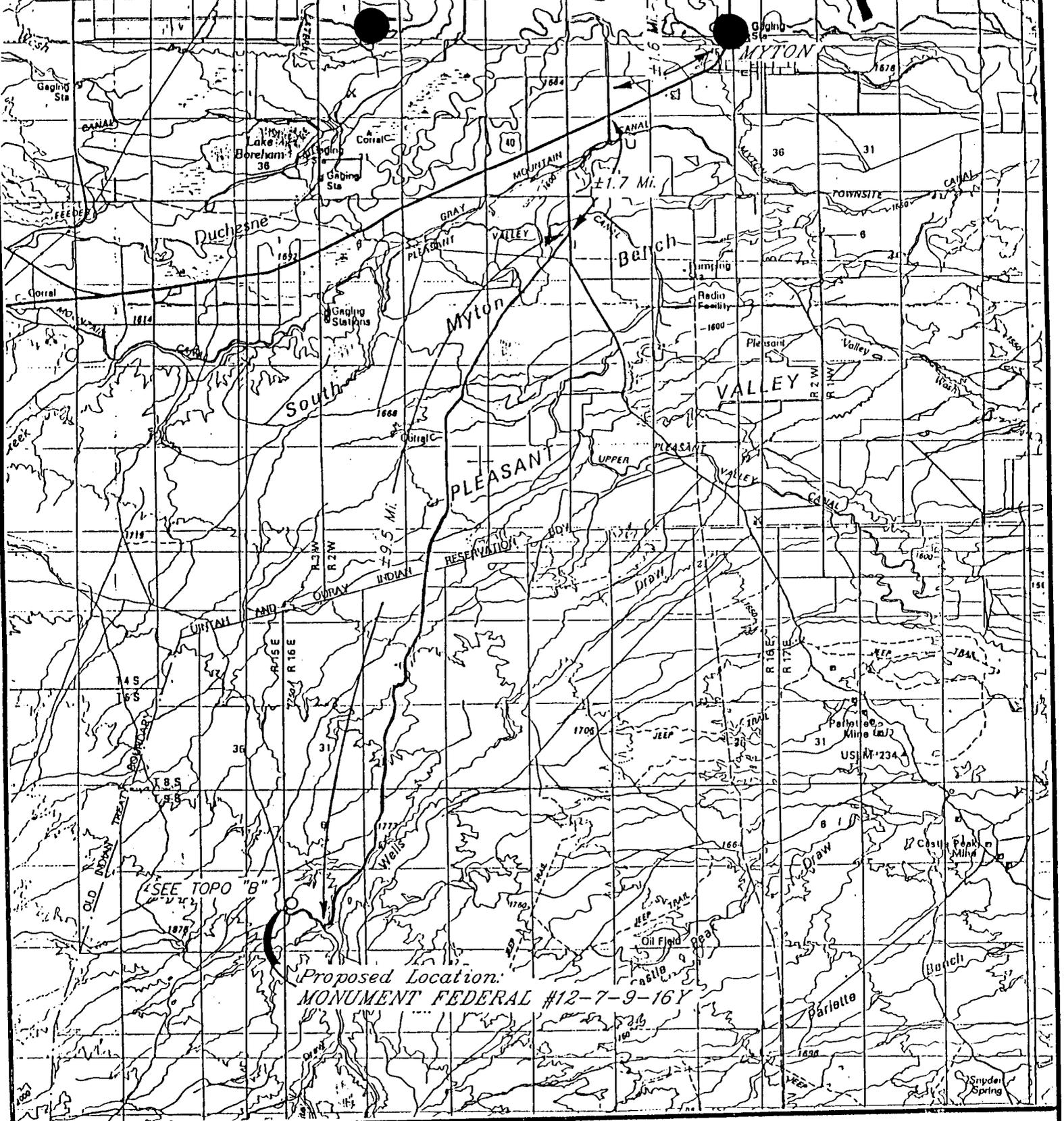


**EQUITABLE RESOURCES**  
**ENERGY COMPANY**  
 WESTERN REGION



+++++ proposed poly gas line  
 ——— existing poly gas line

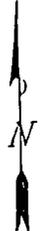
SCALE: 1" = 2000'



Proposed Location:  
**MONUMENT FEDERAL #12-7-9-16Y**  
 SEC. 7, T9S, R16E, S.L.B.&M.  
 TOPO "A"

***EQUITABLE RESOURCES CO.***

**MONUMENT FEDERAL #12-7-9-16Y**  
**SEC. 7, T9S, R16E, S.L.B.&M.**  
**TOPO "A"**



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



EXHIBIT "C"

UTU-73087

UTU-64379

UTU-73087

Wells Draw Unit

UTU-73086

UTU-64379

U-020255

U-020254

UTU-74390

UTU-65207

U-096550

UTU-72107

UTU-64379

U-40894

U-017985

U-096547

UTU-64379

U-52018

9S/16E

UTU-64379

CASTLE

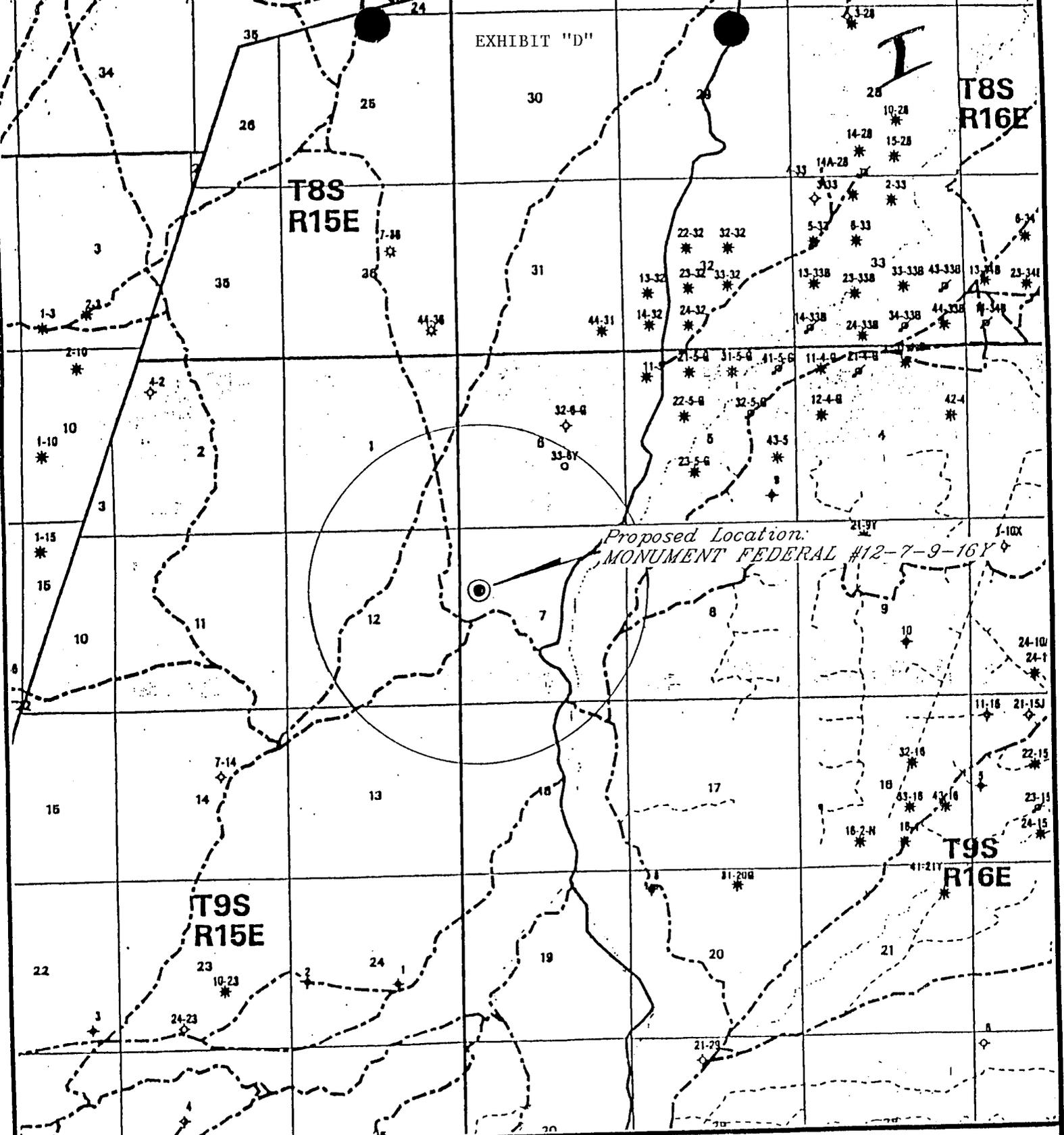
U-1585

NINE MILE

UTU-74391

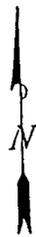
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UTU-74392



EQUITABLE RESOURCES CO.

MONUMENT FEDERAL #12-7-9-16Y  
 SEC. 7, T9S, R16E, S.L.B.&M.  
 TOPO "C"

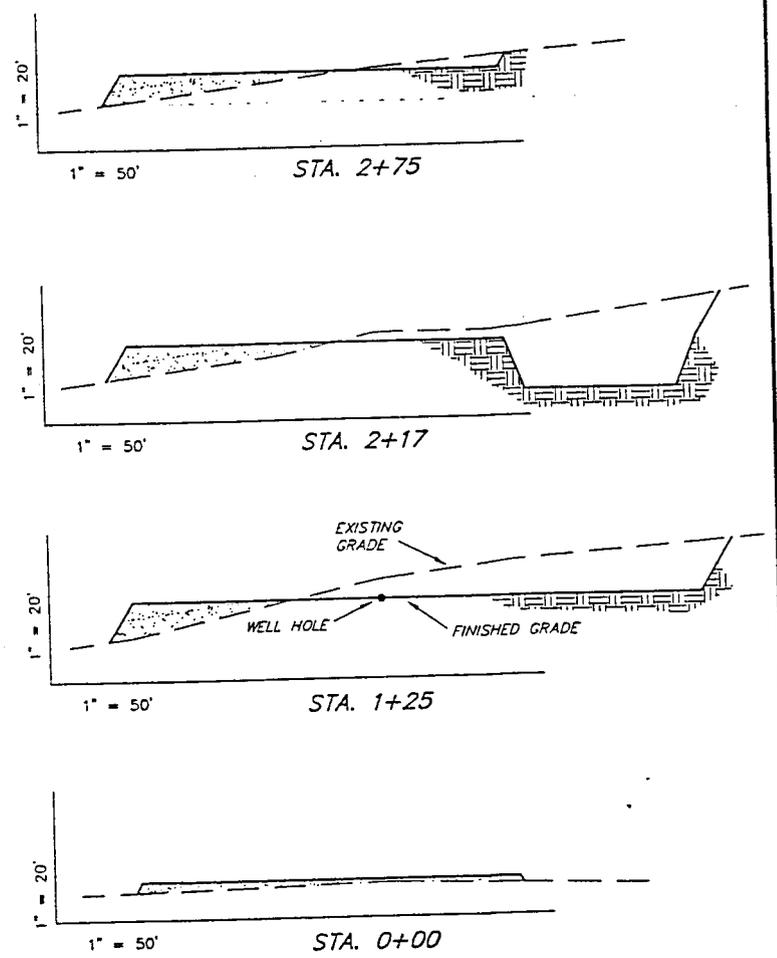
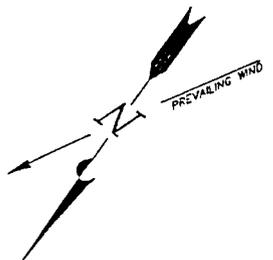
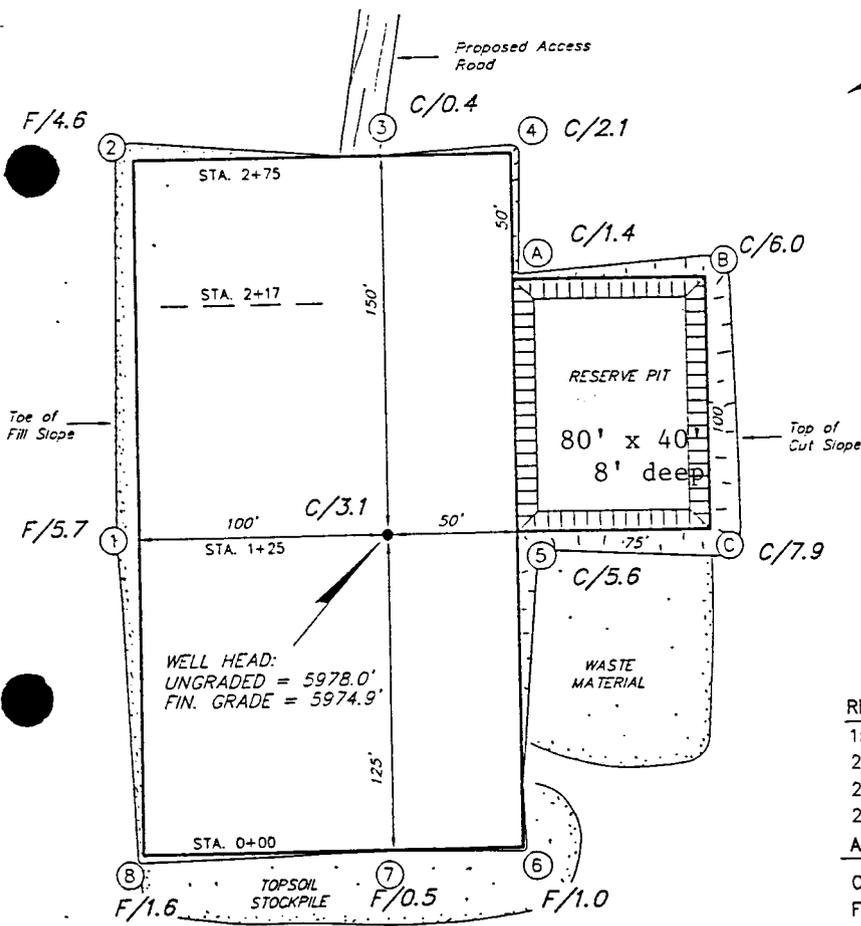


*Tri State*  
 Land Surveying, Inc.  
 (801) 781-2501  
 38 WEST 100 NORTH VERNAL, UTAH 84078

EXHIBIT "E"

**EQUITABLE RESOURCES ENERGY CO.**

MONUMENT FEDERAL #12-7-9-16Y  
SEC. 7, T9S, R16E, S.L.B.&M.



**REFERENCE POINTS**  
 150' NORTHEAST = 5966.4'  
 200' NORTHEAST = 5963.6'  
 200' SOUTHEAST = 5975.5'  
 250' SOUTHEAST = 5974.7'

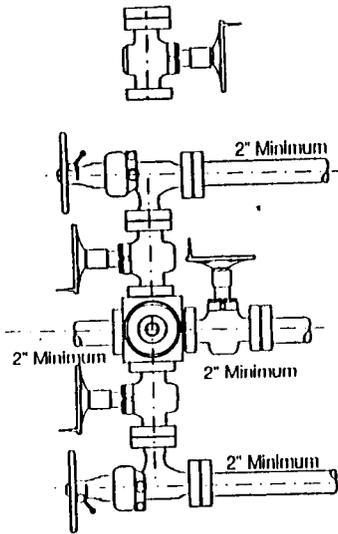
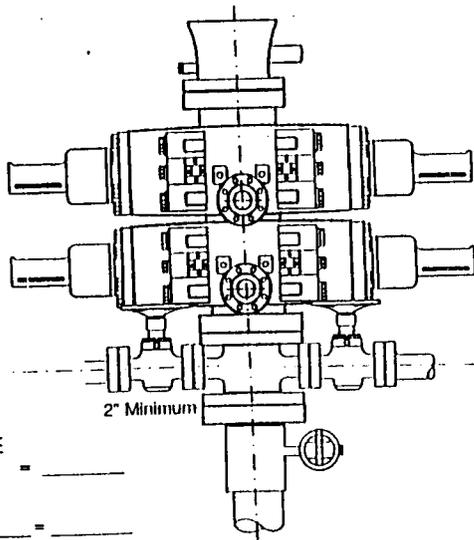
**APPROXIMATE YARDAGES**  
 CUT = 2,330 Cu. Yds.  
 FILL = 2,320 Cu. Yds.  
 PIT = 1,940 Cu. Yds.  
 6" TOPSOIL = 900 Cu. Yds.

|                   |
|-------------------|
| SURVEYED BY: G.S. |
| DRAWN BY: J.R.S.  |
| DATE: 12-15-96    |
| SCALE: 1" = 50'   |
| FILE:             |

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

### 2-M SYSTEM

RAM TYPE B.O.P.  
 Make:  
 Size:  
 Model:



GAL TO CLOSE  
 Annular BOP = \_\_\_\_\_  
 Ramtype BOP  
 \_\_\_\_ Rams x \_\_\_\_ = \_\_\_\_\_  
 = \_\_\_\_\_ Gal.  
 \_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

Rounding off to the next higher  
 increment of 10 gal. would require  
 \_\_\_\_\_ Gal. (total fluid & nitro volume)

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Monument Federal 12-7-9-16Y

API Number: 43-013-31777

Lease Number: U-74390

Location: SWNW Sec. 7 T. 9S 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 running the next casing string or requesting plugging orders**. 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.

3. Casing Program and Auxiliary Equipment

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

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone identified at  $\pm 993$  ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

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  $\pm 793$  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. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

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

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

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) 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 3162.7-5 (b. 4).

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

7. Other Information

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

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

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 following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

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

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

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

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

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

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

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

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

Ed Forsman            (801) 789-7077  
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

### Proposed Production Facilities

A dike will be constructed completely around those production facilities which contain fluids. These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank.

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.

### 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.

### **Raptor Habitat**

If this is a producing well the operator is required to install a hospital type muffler or a multicylinder engine to the pumping unit to limit noise impacts to nesting raptor species.

### Surface gas Lines

1. Installation of the proposed surface gas lines will not be performed during periods when the soil is too wet to adequately support installation equipment. If equipment create ruts in excess of four inches, the soil will be deemed too wet to adequately support the equipment.

2. All surface lines will be either black or brown in color.
3. Lines will be laid as close to roads as possible but far enough off the road surface to prevent interference with normal use of the road or road maintenance.
4. Notify all workers that during maintenance or inspection of the surface gas line, that disturbance to vegetated lands shall be kept to a minimum.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

**CONFIDENTIAL**

Name of Company: INLAND PRODUCTION CO

Well Name: NINE MILE 5-7

Api No. 43-013-31777

Section: 7 Township: 9S Range: 16E County: DUCHESNE

Drilling Contractor: \_\_\_\_\_

Rig # \_\_\_\_\_

SPUDDED:

Date: 11/16/97

Time: \_\_\_\_\_

How: ROTARY

Drilling will commence: \_\_\_\_\_

Reported by: MIKE WARD

Telephone NO.: \_\_\_\_\_

Date: 11/18/97 Signed: JLT

✓

**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-74390**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**NINE MILE 5-7**

9. API Well No.  
**43-013-31777**

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)  
**1980 FNL 660 FWL                      SW/NW Section 7, T09S R16E**

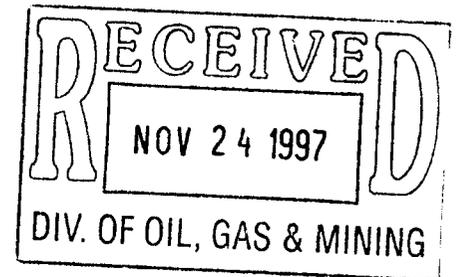
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

MIRU Leon Ross. Drl 12-1/4" sfc hole to 155'. SIFN. Spud surface hole @ 1:00 PM, 11/16/97. Run 8-5/8" GS, 7 jts 8-5/8" 24# J-55 ST&C csg (287.97'). Csg set @ 288.64'. RU Halliburton. Pmp 5 bbl dye wtr & 20 bbl gel. Cmt w/120 sx Premium Plus w/2% gel, 2% CC, 1/2#/sk flocele. Est 7 bbl cmt to sfc. Cmt level held. RD Halliburton. Drl mousehole & rathole for Four Corners #6. RDMO.

**CONFIDENTIAL**



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

Signed Shannon Smith Title Engineering Technician Date 11/19/97

(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

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-74390**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**NINE MILE 5-7**

9. API Well No.  
**43-013-31777**

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)  
**1980 FNL 660 FWL      SW/NW Section 7, T09S R16E**

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

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

**WEEKLY STATUS REPORT FOR THE PERIOD OF 11/20/97 - 11/26/97**

Drilled 7-7/8" hole w/Four Corners, Rig #6 from 317' - 5950'.

MIRU Four Corners #6. NU. Test lines, valves, rams & manifold to 2000 psi. Test annular preventer & csg to 1500 psi. PU BHA & GIH. Run 5-1/2" GS, 1 jt 5-1/2" csg (42'), 5-1/2" FC, 139 jt 5-1/2", 15.5#, J-55, LT & C csg (5930'). Csg set @ 5942'. RD Casers. RU Halliburton & circ. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/395 sx Hibond 65 Modified (11.0 ppg 3.0 cf/sk yield) & tailed w/360 sx Thixotropic & 10% Calséal (14.2 ppg 1.59 cf/sk yield). Good returns until POB w/2500 psi @ 2:15 pm, 11/24/97. RD Halliburton. Wash out & ND BOP's. Set slips w/78,000#, dump & clean mud pits. Rig released @ 4:30 pm, 11/24/97. RDMOL.

**CONFIDENTIAL**

**RECEIVED**  
DEC 08 1997

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

Signed Shannon Smith Title Engineering Secretary Date 12/5/97

**DIV. OF OIL, GAS & MINING**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

CC: UTAH DOGM



# 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

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-74390**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**NINE MILE 5-7**

9. API Well No.  
**43-013-31777**

10. Field and Pool, or Exploratory Area  
**UNDESIGNATED**

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)  
**1980 FNL 0660 FWL      SW/NW Section 7, T09S R16E**

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

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

WEEKLY STATUS REPORT FOR THE PERIOD OF 1/1/98 - 1/7/98

Place well on production @ 1:30 pm, 12/31/97.

**CONFIDENTIAL**

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

Signed Shannon Smith Title Engineering Secretary Date 1/8/98

(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**

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-74390**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**NINE MILE 5-7**

9. API Well No.  
**43-013-31777**

10. Field and Pool, or Exploratory Area  
**UNDESIGNATED**

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)  
**1980 FNL 0660 FWL      SW/NW Section 7, T09S R16E**

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

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

**WEEKLY STATUS REPORT FOR THE PERIOD OF 12/25/97 - 12/31/97**

Swab well. Trip production tbg.

**CONFIDENTIAL**

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

Signed Shannon Smith Title Engineering Secretary Date 1/8/98

(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

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-74390**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**NINE MILE 5-7**

9. API Well No.  
**43-013-31777**

10. Field and Pool, or Exploratory Area  
**UNDESIGNATED**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil Well     Gas Well     Other

**CONFIDENTIAL**

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)  
**1980 FNL 0660 FWL      SW/NW Section 7, T09S R16E**

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

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

**WEEKLY STATUS REPORT FOR THE PERIOD OF 12/18/97 - 12/24/97**

Perf YDC sds @ 4751-59'.  
Perf PB sds @ 4541-52' & 4599-4604'.

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

Signed Shannon Smith Title Engineering Secretary Date 1/8/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

**CC: UTAH DOGM**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company  
ADDRESS 475 17th St., Suite 1500  
Denver, CO 80202

OPERATOR ACCT. NO. 15160

No. 2265 P. 2

| ACTION CODE   | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME  | WELL LOCATION |    |    |     | COUNTY   | SPUD DATE | EFFECTIVE DATE |
|---|--------------------|----------------|--------------|--|---------------|----|----|-----|----------|-----------|----------------|
|   |                    |                |              |  | DD            | SC | TP | RG  |          |           |                |
| A   | 99999              | 12281          | 43-013-31942 | Sand Wash 9-29-8-17<br><del>Tar Sands Federal 9-29</del> | NW<br>1/SE    | 29 | 85 | 17E | Duchesne | 12/11/97  | 12/10/97       |
| WELL 1 COMMENTS:<br>Spud well w/ Union Rig #7 @ 10:00 pm, 12/11/97<br>Entitles added 2-10-98. Lec |                    |                |              |  |               |    |    |     |          |           |                |
|   | 99999              | 12282          | 43-013-31952 | Nine Mile 4-6  | NW<br>NW      | 6  | 95 | 16E | Duchesne | 12/18/97  | 01/10/97       |
| WELL 2 COMMENTS:<br>Spud well w/ Leon Ross @ 1:00 pm, 12/18/97.                                   |                    |                |              |  |               |    |    |     |          |           |                |
| A   | 99999              | 12283          | 43-013-31943 | Sand Wash 12-28-8-17<br><del>Tar Sands 12-28</del>       | NW<br>SW      | 28 | 85 | 17E | Duchesne | 12/20/97  | 12/20/97       |
| WELL 3 COMMENTS:<br>Spud well w/ Union #7 @ 12:30 pm, 12/20/97.                                   |                    |                |              |  |               |    |    |     |          |           |                |
| A   | 99999              | 12284          | 43-013-31954 | Nine Mile 13-6-9-16                                      | SW<br>SW      | 6  | 95 | 16E | Duchesne | 1/1/98    | 1/1/98         |
| WELL 4 COMMENTS:<br>Spud well w/ Four Corner Leon Ross @ 8:15 am 1/1/98.                          |                    |                |              |  |               |    |    |     |          |           |                |
| A   | 99999              | 12285          | 43-013-31972 | Wells Draw 6-4   | SE<br>NW      | 4  | 95 | 16E | Duchesne | 1/7/98    | 1/7/98         |
| WELL 5 COMMENTS:<br>Spud well w/ ZCM Drilling @ 4:00 pm, 1/7/98                                   |                    |                |              |  |               |    |    |     |          |           |                |

ND RESOURCES-

4:50PM

Feb. 9, 1998

- NOTATION: CONES (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.

Shannon Smith  
Signature  
Engineering Technician 2/9/98  
Title Date  
Phone No. (303) 376-8107

(1/89)

OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company  
 ADDRESS 475 17th St., Suite 1500  
Denver, CO 80202

OPERATOR ACCT. NO. N5160

| ACTION CODE  | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER              | WELL NAME        | WELL LOCATION |    |    |     |          | SPUD DATE | EFFECTIVE DATE |
|--|--------------------|----------------|-------------------------|------------------|---------------|----|----|-----|----------|-----------|----------------|
|  |                    |                |                         |                  | QQ            | SC | TF | RG  | COUNTY   |           |                |
| A  | 99999              | 12286          | 43-013-31773            | Nine Mile 10-7   | NW 1/4 SE     | 7  | 9S | 16E | Duchesne | 12/1/97   | 12/1/97        |
| WELL 1 COMMENTS:<br>Spud well w/Four Corners # 6 @ 9:00 pm, 12/1/97.   |                    |                |                         |                  |               |    |    |     |          |           |                |
|  | 99999              | 12287          | 43-013-31803            | Nine Mile 15-7   | SW 1/4 SE     | 7  | 9S | 16E | Duchesne | 12/2/97   | 12/2/97        |
| WELL 2 COMMENTS:<br>Spud well w/Leon Ross @ 2:45 pm, 12/2/97.  |                    |                |                         |                  |               |    |    |     |          |           |                |
|  | 99999              | 12275          | <del>43-013-31596</del> | Castle Draw 1-2  | SW 1/4 WE     | 2  | 9S | 16E | Duchesne | 11/25/97  | 11/25/97       |
| WELL 3 COMMENTS:<br><del>43-013-31596</del> Entity previously added.<br>Spud well w/Union rig # 7 @ 6:30 pm, 11/25/97. |                    |                |                         |                  |               |    |    |     |          |           |                |
|  | 99999              | 12275          | <del>43-013-31596</del> | Castle Draw 8-2  | SE 1/4 WE     | 2  | 9S | 16E | Duchesne | 12/3/97   | 12/3/97        |
| WELL 4 COMMENTS:<br><del>43-013-31596</del> Entity previously added.<br>Spud well w/Union rig # 7 @ 10:45 pm, 12/3/97. |                    |                |                         |                  |               |    |    |     |          |           |                |
|  | 99999              | 12288          | 43-013-31953            | Nine Mile 5-6710 | SW 1/4 NW     | 6  | 9S | 16E | Duchesne | 12/7/97   | 12/7/97        |
| WELL 5 COMMENTS:<br>Spud well w/Leon Ross @ 9:00 am, 12/7/97.  |                    |                |                         |                  |               |    |    |     |          |           |                |

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.

Shannon Smith  
 Signature

Engineering Technician 2/9/98  
 Title Date

Phone No. 303, 376-8107

0 077-001

INLAND RESOURCES-

4:50PM

981

Feb. 9, 1998

1/3/99

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company  
 ADDRESS 475 17th St., Suite 1500  
Denver, CO 80202

OPERATOR ACCT. NO. H5160

| ACTION CODE   | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER   | WELL NAME                                  | WELL LOCATION |    |    |     | COUNTY   | SPUD DATE | EFFECTIVE DATE |
|---|--------------------|----------------|--------------|--|---------------|----|----|-----|----------|-----------|----------------|
|   |                    |                |              |  | QQ            | SC | TP | RG  |          |           |                |
| A   | 99999              | 12289          | 43-013-31719 | Nine Mile 6-6                              | SW            | 6  | 9S | 16E | Duchesne | 11/6/97   | 11/6/97        |
| WELL 1 COMMENTS:<br>Spud well w/Four Corners rig #6 @ 9:30 pm, 11/6/97. |                    |                |              |  |               |    |    |     |          |           |                |
| A   | 99999              | 12290          | 43-013-31776 | Nine Mile 6-7                              | SE            | 7  | 9S | 16E | Duchesne | 11/10/97  | 11/10/97       |
| WELL 2 COMMENTS:<br>Spud well w/Leon Ross @ 4:00 pm 11/10/97.           |                    |                |              |  |               |    |    |     |          |           |                |
| A   | 99999              | 12291          | 43-013-31777 | Nine Mile 5-7                              | SW            | 7  | 9S | 16E | Duchesne | 11/16/97  | 11/16/97       |
| WELL 3 COMMENTS:<br>Spud well w/Leon Ross @ 1:00 pm 11/16/97.           |                    |                |              |  |               |    |    |     |          |           |                |
| A   | 99999              | 12292          | 43-013-31778 | Nine Mile 7-7                              | SW            | 7  | 9S | 16E | Duchesne | 11/20/97  | 11/20/97       |
| WELL 4 COMMENTS:<br>Spud well w/Leon Ross @ 11:45 11/20/97.             |                    |                |              |  |               |    |    |     |          |           |                |
| A   | 99999              | 12293          | 43-013-31990 | MBFNE 11-24-8-16<br>Montmartre Butte 11-24 | NE            | 24 | 8S | 16E | Duchone  | 11/17/97  | 11/17/97       |
| WELL 5 COMMENTS:<br>Spud well w/Union rig #7 @ 3:00 AM 11/17/97.        |                    |                |              |  |               |    |    |     |          |           |                |

- 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.

Shannon Smith  
 Signature  
Engineering Technician 2/9/98  
 Title  
 Date  
 Phone No. (303) 376-8107  
893-0162

NO. 7207 P. 4

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

*Rec'd  
2-13-98*

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WORK

OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

1b. TYPE OF WELL

NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

*Inland Production Company*

3. ADDRESS AND TELEPHONE NO.

*410 Seventeenth Street, Suite 700, Denver, CO 80202 (303) 292-0900*

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface

*SW/NW  
1980 FNL 0660 FV*

At top prod. Interval reported be:

At total depth

14. PERMIT NO. *43-013-31777* DATE ISSUED *2-5-97*

9. API WELL NO.

*43-013-31777*

10. FIELD AND POOL OR WILDCAT

*UNDESIGNATED*

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

*Section 7, T09S R16E*

12. COUNTY OR PARISH

*DUCHESNE*

13. STATE

*UT*

15. DATE SPUDDED

*11-16-97*

16. DATE T.D. REACHED

*11-23-97*

17. DATE COMPL. (Ready to prod.)

*12-31-97*

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

*5990' KB; 5978' GL*

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

*5950'*

21. PLUG, BACK T.D., MD & TVD

*5885'*

22. IF MULTIPLE COMPL., HOW MANY\*

*N/A*

23. INTERVALS DRILLED BY

*----->*

ROTARY TOOLS

*X*

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

*Green River 4541'-4759'*

25. WAS DIRECTIONAL SURVEY MADE

*No*

26. TYPE ELECTRIC AND OTHER LOGS RUN

*DTGL/SP/GR/CAL, SDL/DSN/GR, CBL 2-13-98*

27. WAS WELL CORED

*No*

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

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE     | TOP OF CEMENT, CEMENTING RECORD         | AMOUNT PULLED |
|-------------------|-----------------|----------------|---------------|---|---------------|
| <i>8 5/8</i>      | <i>24#</i>      | <i>288.64'</i> | <i>12 1/4</i> | <i>120 sx Prem Plus</i>                 |               |
| <i>5 1/2</i>      | <i>15.5#</i>    | <i>5942'</i>   | <i>7 7/8</i>  | <i>395 sx Hibond &amp; 360 sx Thixo</i> |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
|      |          |             |               |             |

30. TUBING RECORD

| SIZE          | DEPTH SET (MD) | PACKER SET (MD) |
|---------------|----------------|-----------------|
| <i>2-7/8"</i> | <i>4847'</i>   |                 |

31. PERFORATION RECORD (Interval, size and number)

*PB Sand - 4541'-52'; 4599'-4604 w/4 jsp  
YDC Sand - 4751'-59' w/4 jsp*

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED          |
|---------------------|---|
| <i>4541'-4552'</i>  | <i>60,300# 20/40 sd in 340 Delta Frac</i> |
| <i>4751'-4759'</i>  | <i>104,300# 20/40 sd in 513 BG</i>        |

**CONFIDENTIAL**

33.\* PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) | WELL STATUS (Producing or shut-in) |                         |           |             |                         |               |
|-----------------------|---|------------------------------------|-------------------------|-----------|-------------|-------------------------|---------------|
| <i>12-31-97</i>       | <i>Pumping - 2-1/2" x 1-1/2" x 15' RHAC pump</i>                      | <i>producing</i>                   |                         |           |             |                         |               |
| DATE OF TEST          | HOURS TESTED  | CHOKER SIZE                        | PROD'N. FOR TEST PERIOD | OIL--BBL. | GAS--MCF.   | WATER--BBL.             | GAS-OIL RATIO |
| <i>10 Day Avg</i>     | <i>12/1/97</i>  | <i>N/A</i>                         | <i>---</i>              | <i>92</i> | <i>140</i>  | <i>5</i>                | <i>1.522</i>  |
| FLOW. TUBING PRESS.   | CASING PRESSURE   | CALCULATED 24-HOUR RATE            | OIL--BBL.               | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.) |               |
|                       |   | <i>---</i>                         |                         |           |             |                         |               |

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

*Sold & Used for Fuel*

**CONFIDENTIAL**  
PERIOD EXPIRES

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

*Items in #26*

*ON 8-24-98*

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

SIGNED

*Debbie Knight*

TITLE

*Permitting Specialist*

DATE

*2/9/98*

(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 |
| Garden Gulch Mkr | 3763' |        |                             | CORRELATION |             |                  |
| Garden Gulch 2   | 4099' |        |                             |             |             |                  |
| Point 3          | 4354' |        |                             |             |             |                  |
| X Marker         | 4622' |        |                             |             |             |                  |
| Y Marker         | 4657' |        |                             |             |             |                  |
| Douglas Creek    | 4770' |        |                             |             |             |                  |
| Bi-Carb          | 5007' |        |                             |             |             |                  |
| B-Lime           | 5114' |        |                             |             |             |                  |
| Castle Peak      | 5656' |        |                             |             |             |                  |
| Basal Carbonate  | NDE   |        |                             |             |             |                  |
| Total Depth      | 5950' |        |                             |             |             |                  |

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-74390**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**NINE MILE 12-7**

9. API Well No.

**43-013-31777**

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.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

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

**1980 FSL 594 FWL                      Section 7, T09S R16E**

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

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **Weekly Status**

Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

**WEEKLY STATUS REPORT FOR THE PERIOD OF 4/9/98 - 4/15/98**

Drilled 7-7/8" hole w/Big A, Rig #46 from 5216' - 5950'.

LD DP & DC's. RU HLS. Run DIGL/SP/GR/CAL (5924' - 304') & DSN/SDL/GR (5910' - 3000').  
Logger's TD @ 5944'. RD HLS. RU Lightning Casers. Run 5-1/2" float shoe, 140 jts 5-1/2", 15.5#, J-55,  
LT & C csg (5930'). Csg set @ 5942'. RD. RU Halliburton. Circ. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt  
w/380 sx Hibond 65 Modified (11.0 ppg 3.0 cf/sk yield) & 320 sx Thixotropic & 10% Calseal (14.2 ppg 1.59  
cf/sk yield). Good returns until POB w/2000 psi, 6:30 pm, 4/9/98. No dye to sfc. RD. ND BOP's. Set slips  
w/85,000#, dump & clean pits, RD. Rig released @ 10:30 pm, 4/9/98. RDMOL.

**CONFIDENTIAL**

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

Signed

Shannon Smith

Title

Engineering Secretary

Date

4/17/98

(This space for Federal or State office use)

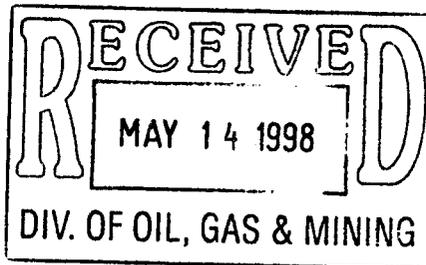
Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**



April 29, 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  
Nine Mile #5-7, West Point Unit  
Monument Butte Field, Lease #UTU-74390  
Section 7-Township 9S-Range 16E  
Duchesne County, Utah

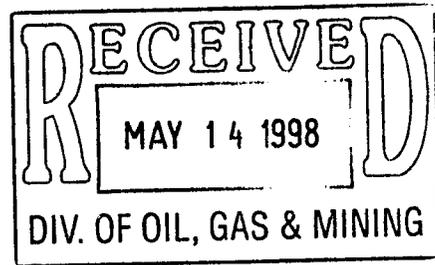
Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Nine Mile #5-7 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**  
**NINE MILE #5-7**  
**WEST POINT UNIT**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-74390**  
**APRIL 29, 1998**

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| ATTACHMENT H                                | WORK PROCEDURE FOR PROPOSED PLUGGING AND<br>ABANDONMENT |
| ATTACHMENT H-1                              | WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL               |



# Nine Mile #5-7

Spud Date: 11/16/97  
 Put on Production: 11/23/97  
 GL: 5978' KB: 5990'

Initial Production: 92 BOPD,  
 140 MCFPD, 5 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 287.97'  
 DEPTH LANDED: 288.64'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

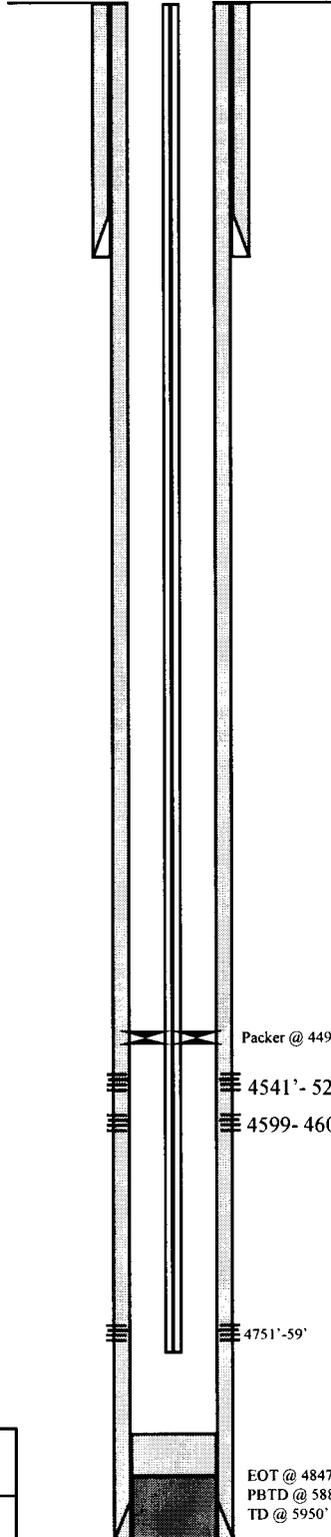
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5930')  
 DEPTH LANDED: 5942'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 395 sks Hibond mixed & 360 sks thixotropic  
 CEMENT TOP AT:

## TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 152 jts  
 TUBING ANCHOR: 4715'  
 TOTAL STRING LENGTH: ?  
 SN LANDED AT: 4780'

## Proposed Injection Wellbore Diagram



## FRAC JOB

12/23/97 4751'-4759' **Frac YDC sand as follows:**  
 104,300# of 20/40 sd in 513 bbls Boragel. Treated @ avg rate 26.3 bpm, avg press 2000 psi. ISIP-1998 psi, 5-min 1865 psi. Flowback for 3-1/2hrs.

12/24/97 4541'-4604' **Frac PB sand as follows:** 60,300# of 20/40 sd in 340 bbls Delta Frac. Breakdown @ 2260 psi. Treated @ avg rate of 24, avg press 1850 psi. ISIP- 2445 psi, 5-min 2304 psi. Flowback on 12/64" ck for 3 hrs & died.

## PERFORATION RECORD

|          |             |        |          |
|----------|-------------|--------|----------|
| 12/20/97 | 4751'-4759' | 4 JSPF | 32 holes |
| 12/24/97 | 4541'-4552' | 4 JSPF | 44 holes |
| 12/24/97 | 4599'-4604' | 4 JSPF | 20 holes |



**Inland Resources Inc.**

**Nine Mile #5-7**

1980 FNL 660 FWL

SWNW Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-31777; Lease #UTU-74390

## 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, liquefied 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 17<sup>th</sup> 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 Nine Mile #5-7 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, West Point Unit.

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

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

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

The injection zone is in the Douglas Creek Member of the Green River Formation. At the Nine Mile #5-7 well, the proposed injection zone is from 4541'-4759'. 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 4541'.

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

The referenced log for the Nine Mile #5-7 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a Federal lease (Lease #UTU-74390), 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 288.64' GL, and the 5-1/2" casing run from surface to 5942' 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 1971 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 Nine Mile #5-7, for proposed zones (4541'-4759') calculates at .85 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 1971 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 Nine Mile #5-7, the injection zone (4541'-4759') 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-6.

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

**2.12 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

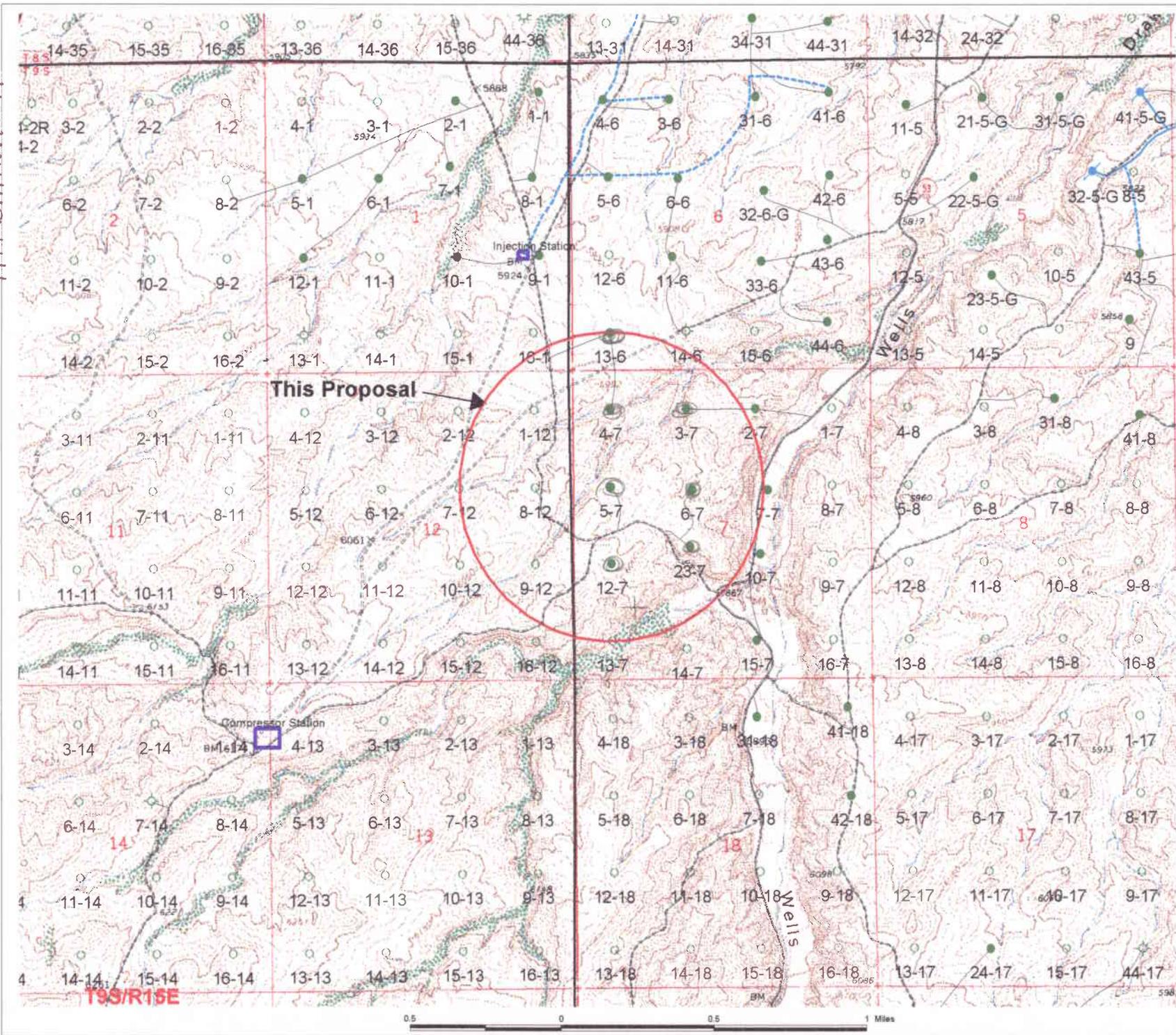


Exhibit "A"

- Legend
- INJ
  - OIL
  - GAS
  - O&G
  - DRY
  - SHUTIN
  - LOC
  - Proposed Water 8"
  - Water 6"
  - Water 4"
  - Water 2-3"
  - Proposed Water

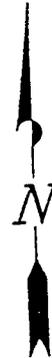
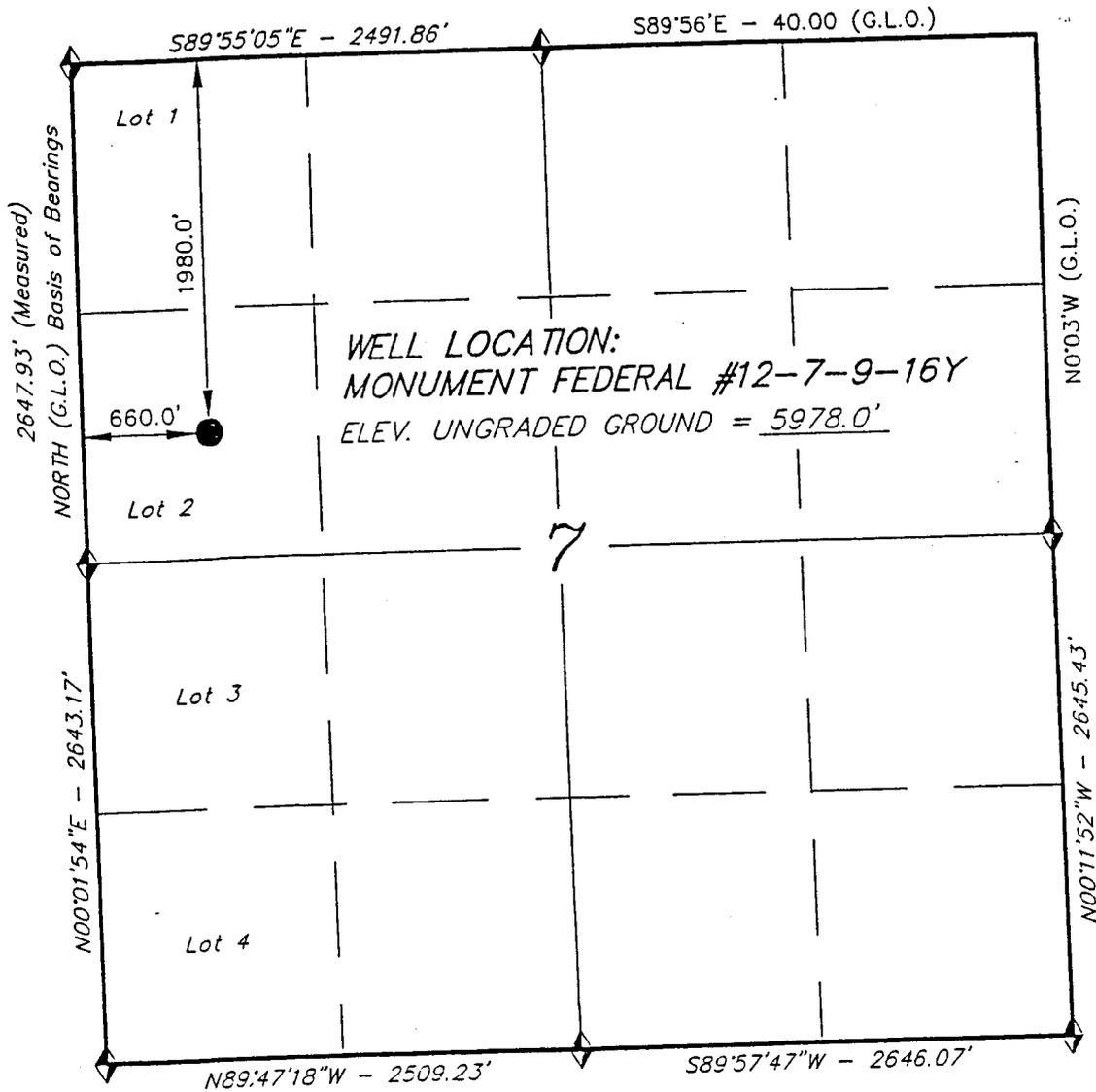
LIVTA BAKIN  
Division of Health Care, Texas  
Nov 1994

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

**EQUITABLE RESOURCES ENERGY CO.**

WELL LOCATION, MONUMENT FEDERAL #12-7-9-16Y, LOCATED AS SHOWN IN LOT 2 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

Attachment A-1



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

REGISTERED LAND SURVEYOR  
**Gene Stewart**  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 1441024102  
 STATE OF UTAH

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

◆ = SECTION CORNERS LOCATED  
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

SCALE: 1" = 1000'

SURVEYED BY: G.S.

DATE: 12-15-96

WEATHER: COLD

NOTES:

FILE #

EXHIBIT B

Page 1

| # | Land Description   | Minerals Ownership &<br>Expires | Minerals<br>Leased By  | Surface Rights          |
|---|--|---------------------------------|--|-------------------------|
| 1 | Township 9 South, Range 16 East<br>Section 6: All<br>Section 7: All<br>Section 8: W/2<br>Section 9: NW/4SW/4<br>Section 17: NW/4<br>Section 18: L 1,2, NE/4, E/2NW/4 | U-74390<br>HBP                  | Inland Production Company<br>Yates petroleum Corporation<br>ABO Petroleum Corporation<br>Yates Drilling Company<br>Myco Industries | (Surface Rights)<br>USA |
| 2 | Township 9 South, Range 15 East<br>Section 1: All<br>Section 3: All<br>Section 10: All<br>Section 11: All<br>Section 12: All   | UTU-74826<br>HBP                | Inland Production Company  | (Surface Rights)<br>USA |

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Nine Mile #5-7

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 29<sup>th</sup> day of April, 1998.

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



My Commission Expires 11/14/2000

# Nine Mile #5-7

Spud Date: 11/16/97  
 Put on Production: 11/23/97  
 GL: 5978' KB: 5990'

Initial Production: 92 BOPD,  
 140 MCFPD, 5 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 287.97'  
 DEPTH LANDED: 288.64'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5930')  
 DEPTH LANDED: 5942'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 395 sks Hibond mixed & 360 sks thixotropic  
 CEMENT TOP AT:

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 152 jts  
 TUBING ANCHOR: 4715'  
 TOTAL STRING LENGTH: ?  
 SN LANDED AT: 4780'

**SUCKER RODS**

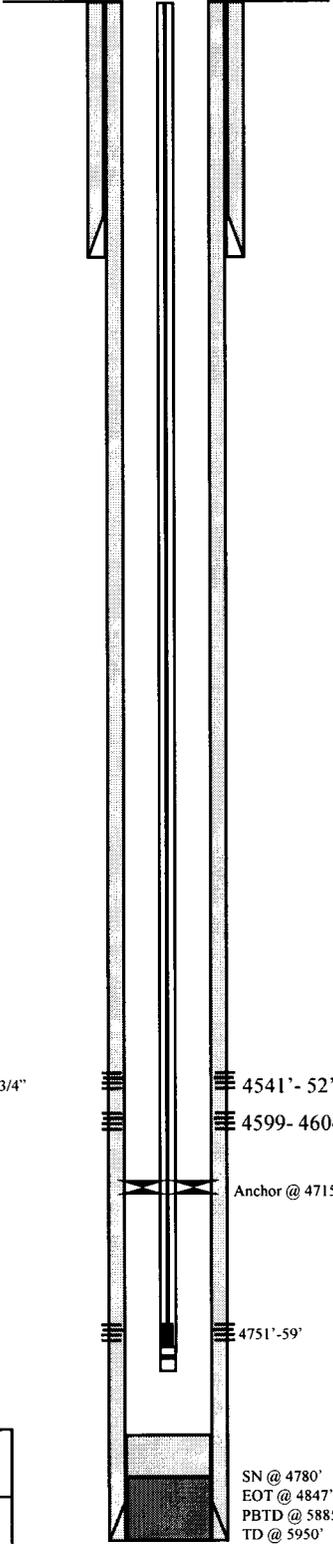
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1 1/2" wt rods, 4-3/4" scraped; 87-3/4" plain, 95-3/4" scraped; 1-8", 1-6' x 3/4" pony rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 8 SPM  
 LOGS: DIGL/SP/GR/CAL (5948'-304')  
 DSN/SDL/GR (5949'-5899')

**FRAC JOB**

12/23/97 4751'-4759' **Frac YDC sand as follows:**  
 104,300# of 20/40 sd in 513 bbls Boragel. Treated @ avg rate 26.3 bpm, avg press 2000 psi. ISIP-1998 psi, 5-min 1865 psi. Flowback for 3-1/2hrs.  
 12/24/97 4541'-4604' **Frac PB sand as follows:** 60,300# of 20/40 sd in 340 bbls Delta Frac. Breakdown @ 2260 psi. Treated @ avg rate of 24, avg press 1850 psi. ISIP- 2445 psi, 5-min 2304 psi. Flowback on 12/64" ck for 3 hrs & died.

**PERFORATION RECORD**

|          |             |        |          |
|----------|-------------|--------|----------|
| 12/20/97 | 4751'-4759' | 4 JSPF | 32 holes |
| 12/24/97 | 4541'-4552' | 4 JSPF | 44 holes |
| 12/24/97 | 4599'-4604' | 4 JSPF | 20 holes |





**Inland Resources Inc.**  
**Nine Mile #5-7**  
 1980 FNL 660 FWL  
 SWNW Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31777; Lease #UTU-74390

SN @ 4780'  
 EOT @ 4847'  
 PBD @ 5885'  
 TD @ 5950'

# Nine Mile #3-7

Spud Date: 2-19-98  
 Put on Production: 3-31-98  
 GL: ? KB: ?

Initial Production: ? BOPD, ?  
 MCFPD, ? BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (289')  
 DEPTH LANDED: 290'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts (5927')  
 DEPTH LANDED: 5938'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 380 sks Hibond mixed & 340 sks thixotropic  
 CEMENT TOP AT:

**TUBING**

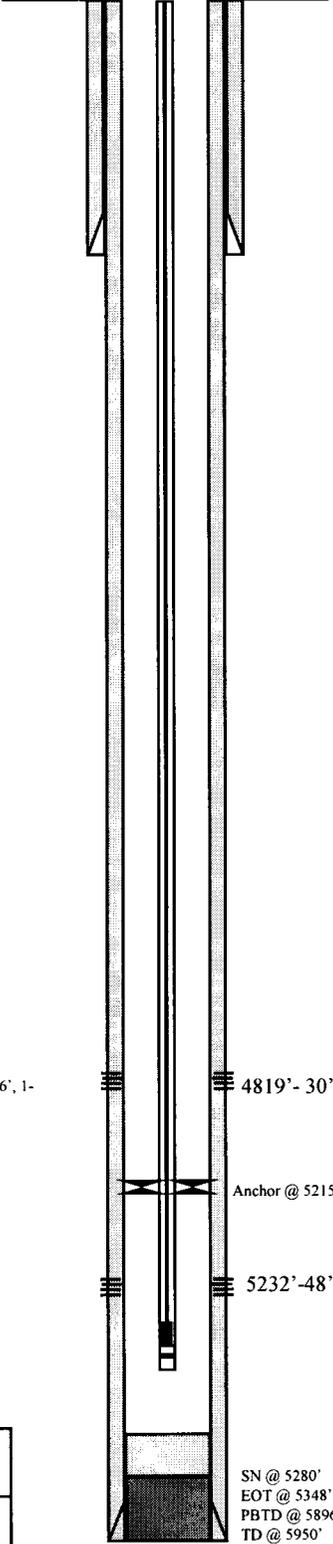
SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 167 jts  
 TUBING ANCHOR: 5215'  
 TOTAL STRING LENGTH: ?  
 SN LANDED AT: 5280'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS 8-1" scraped; 103-3/4" plain; 99-3/4" scraped; 1-6', 1-4' x 3/4" pony rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 4.5 SPM  
 LOGS: DIGL/SP/GR/CAL (5942'-302')  
 DSN/SDL/GR (5918'-3000')

**FRAC JOB**

3-26-98 5232'-52489' **Frac A sand as follows:**  
 104,300# of 20/40 sd in 525 bbls  
 Delta Breakdown @ 1599 psi. Treated @ avg rate 25.5 bpm, avg press 2650 psi. ISIP-3323 psi, 5-min 2806 psi. Flowback for 3 hrs & died.  
 3-28-98 4819'-4830' **Frac D sand as follows:** 104,300# of 20/40 sd in 519 bbls Delta Frac. Breakdown @ 3020 psi. Treated @ avg rate of 26, avg press 2248 psi. ISIP- 2445 psi, 5-min 2041 psi. Flowback on 12/64" ck for 5 hrs & died.



**PERFORATION RECORD**

|         |             |        |          |
|---------|-------------|--------|----------|
| 3-26-98 | 5232'-5248' | 4 JSPF | 64 holes |
| 3-27-98 | 4819'-4830' | 4 JSPF | 44 holes |

SN @ 5280'  
 EOT @ 5348'  
 PBD @ 5896'  
 TD @ 5950'



**Inland Resources Inc.**  
 Nine Mile #3-7-9-16  
 609 FNL 2105 FWL  
 NENW Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32012; Lease #UTU-74390

# Nine Mile #4-7

Spud Date: 3-2-98  
 Put on Production: 4-11-98  
 GL: ? KB: ?

Initial Production: ? BOPD, ?  
 MCFPD, ? BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (288')  
 DEPTH LANDED: 289'  
 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: 139 jts (5953')  
 DEPTH LANDED: 5942'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 455 sks Hibond mixed & 390 sks thixotropic  
 CEMENT TOP AT:

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 182 jts  
 TUBING ANCHOR: 5681'  
 TOTAL STRING LENGTH: ?  
 SN LANDED AT: 5809'

**SUCKER RODS**

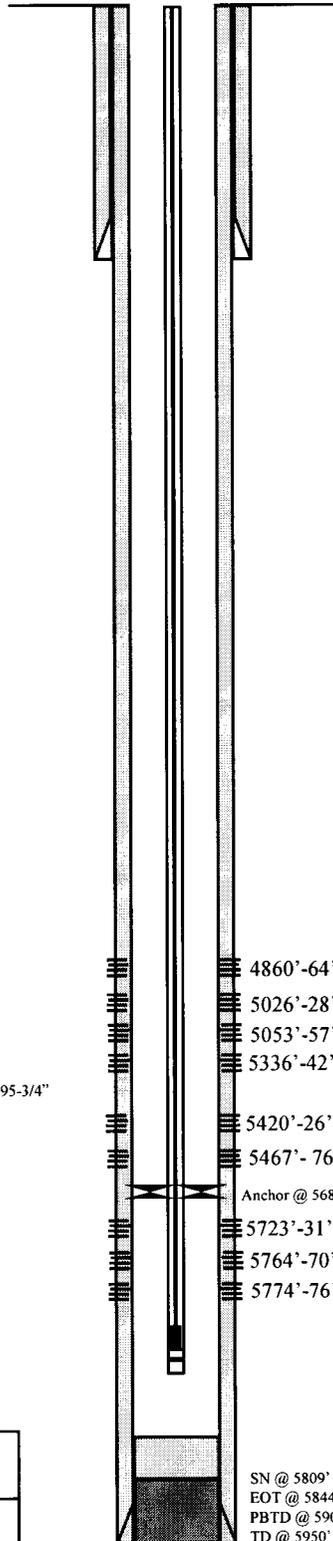
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1 1/2" wt rods; 4-3/4" scraped; 128-3/4" plain; 95-3/4" scraped; 1-8", 1-6", 1-4", 1-2"x3/4" pony rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL

**FRAC JOB**

**4-3-98 5723'-5776'** **Frac CP sand as follows:**  
 120,300# of 20/40 sd in 576 bbls Boragel. Breakdown @ 3170psi. Treated @ avg rate 28 bpm, avg press 1900 psi. ISIP-2448 psi, 5-min 2204 psi. Flowback on 12/64" ck for 5 hrs & died.

**4-7-98 5336'-5476'** **Frac A/LDC sand as follows:**  
 141,300# of 20/40 sd in 661 bbls Delta Frac. Breakdown @ 2761 psi. Treated @ avg rate of 31.8, avg press 2670 psi. ISIP- 3364 psi, 5-min 2980 psi. Flowback on 12/64" ck for 6-1/2 hrs & died.

**4-8-98 4860'-5057'** **Frac D/B sand as follows:**  
 141,300# 20/40 sand in 650 bbls Delta. Breakdown @ 3629 psi. Treated w/avg press of 2650 psi, w/avg rate of 39 BPM. ISIP-2247 psi, 5 min 2089 psi. Flowback on 12/64" ck for 3 hrs & died.



**PERFORATION RECORD**

| Date   | Interval    | Rate   | Holes    |
|--------|-------------|--------|----------|
| 4-3-98 | 5723'-5731' | 4 JSPF | 32 holes |
| 4-3-98 | 5764'-5770' | 4 JSPF | 24 holes |
| 4-3-98 | 5774'-5776' | 4 JSPF | 8 holes  |
| 4-5-98 | 5336'-5342' | 4 JSPF | 24 holes |
| 4-5-98 | 5420'-5426' | 4 JSPF | 24 holes |
| 4-5-98 | 5467'-5476' | 4 JSPF | 36 holes |
| 4-8-98 | 4860'-4864' | 4 JSPF | 16 holes |
| 4-8-98 | 5026'-5028' | 4 JSPF | 8 holes  |
| 4-8-98 | 5053'-5057' | 4 JSPF | 16 holes |



**Inland Resources Inc.**

**Nine Mile #4-7**

465 FNL 6294 FWL

NWNW Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-32013; Lease #UTU-74390

# Nine Mile #6-7

Spud Date: 11/10/97  
 Put on Production: 1/3/98  
 GL: 5960' KB: 5972'

Initial Production: 128 BOPD,  
 128 MCFPD, 10 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 283.47'  
 DEPTH LANDED: 284.14' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5897.53')  
 DEPTH LANDED: 5908.49'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 400 sks Hibond mixed & 345 sks thixotropic  
 CEMENT TOP AT:

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 180 jts  
 TUBING ANCHOR: 5632'  
 TOTAL STRING LENGTH: ?  
 SN LANDED AT: 5697'

**SUCKER RODS**

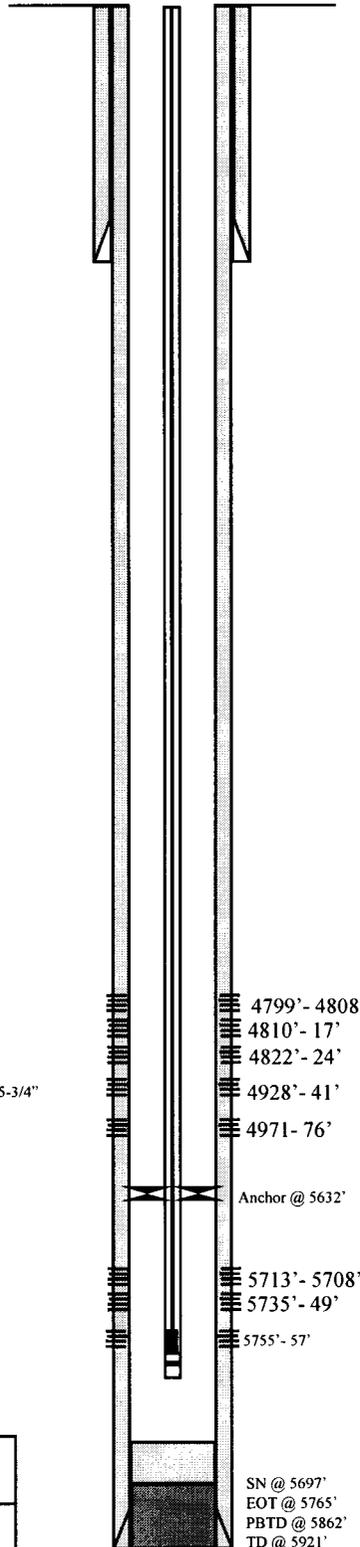
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-11/2" wt rods; 4-3/4" scraped; 123-3/4" plain; 95-3/4" scraped; 1-8", 1-4" x 3/4" pony rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC  
 STROKE LENGTH: 64"  
 PUMP SPEED, SPM: 11 SPM  
 LOGS: DIGL/SP/GR/CAL (5914'-295')  
 DSN/SDL/GR (5888'-3000')

**FRAC JOB**

12/23/97 5708'-5757' **Frac CP sand as follows:**  
 127,200# of 20/40 sd in 621 bbls Boragel. Treated @ avg rate 31.2 bpm, avg press 1700 psi. Breakdown @ 1100 psi. ISIP-2300 psi, 5-min 2035 psi. Flowback for 5-1/2hrs.

12/25/97 4928'-4976' **Frac C sand as follows:** 111,400# of 20/40 sd in 544 bbls Delta Frac. Breakdown @ 2076 psi. Treated @ avg rate of 28 BPM, avg press 1700 psi. ISIP-1873 psi, 5-min 1680 psi. Flowback on 12/64" ck for 3 hrs & died.

12/31/97 4799'-4824' **Frac D sand as follows:**  
 124,300# 20/40 sand in 574 bbls Delta Frac. Breakdown @ 2486 psi. Treated w/avg press of 1690 psi w/avg rate of 28.2 BPM. ISIP - 2235 psi, 5 min 2008 psi. Flowback on 12/64" ck for 4 hrs & died.



**PERFORATION RECORD**

| Date     | Interval    | Tool   | Holes    |
|----------|-------------|--------|----------|
| 12/20/97 | 5708'-5713' | 4 JSPF | 20 holes |
| 12/20/97 | 5735'-5749' | 4 JSPF | 56 holes |
| 12/20/97 | 5755'-5757' | 4 JSPF | 8 holes  |
| 12/24/97 | 4928'-4941' | 4 JSPF | 52 holes |
| 12/24/97 | 4971'-4976' | 4 JSPF | 20 holes |
| 12/30/97 | 4799'-4808' | 4 JSPF | 36 holes |
| 12/30/97 | 4810'-4817' | 4 JSPF | 28 holes |
| 12/30/97 | 4822'-4824' | 4 JSPF | 8 holes  |



**Inland Resources Inc.**

**Nine Mile #6-7**

2036 FNL 2070 FWL

SENW Section 7-T9S-R16E

Duchesne Co, Utah

API #43-013-31776; Lease #UTU-74390

SN @ 5697'  
 EOT @ 5765'  
 PBTD @ 5862'  
 TD @ 5921'

# Nine Mile #12-7

Spud Date: 3-16-98  
 Put on Production: WOC  
 GL: ? KB: ?

Initial Production: ? BOPD, ?  
 MCFPD, ? BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts  
 DEPTH LANDED:  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (5930')  
 DEPTH LANDED: 5942'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 380 sks Hibond mixed & 320 sks thixotropic  
 CEMENT TOP AT:

TUBING

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

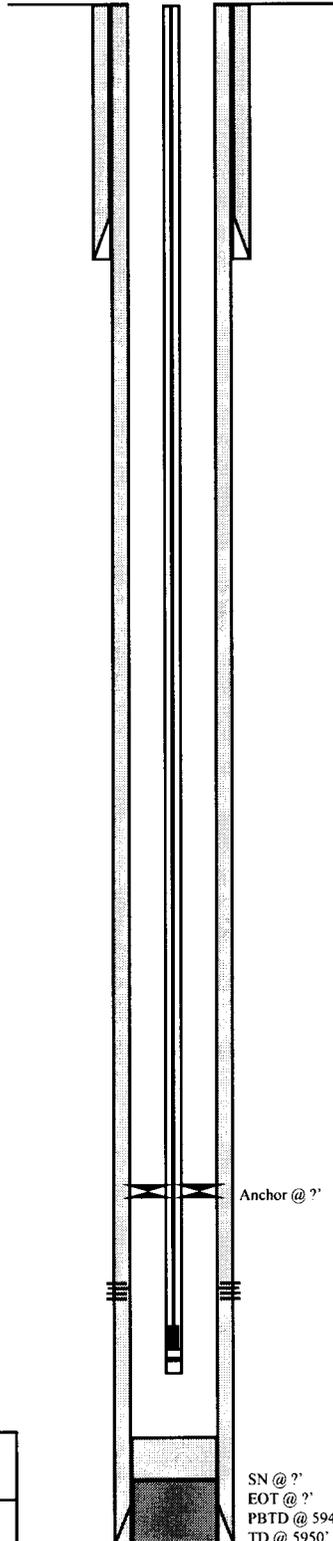
SUCKER RODS

POLISHED ROD:  
 SUCKER RODS:  
 PUMP SIZE:  
 STROKE LENGTH:  
 PUMP SPEED, SPM:  
 LOGS: DIGL/SP/GR/CAL (5924'-304')  
 DSN/SDL/GR (5910'-3000')

FRAC JOB

Waiting on completion

PERFORATION RECORD



|   |   |
|---|---|
|  | <b>Inland Resources Inc.</b>  |
|   | <b>Nine Mile #12-7</b><br>1980 FSL 594 FWL<br>NWSW Section 7-T9S-R16E<br>Duchesne Co, Utah<br>API #43-013-31777; Lease #UTU-74390 |

# Monument Federal 23-7

Spud Date: 6/04/96  
 Put on Production: 7/10/96  
 GL: 5867' KB: 5881'

Initial Production: ? BOPD, ?  
 MCFPD, ? BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 262'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G", 2% CaCl<sub>2</sub>, 1/4#/sx cello flake

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts.  
 DEPTH LANDED: 6080'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 390 sxs Super "G", 3% salt, 2% gel, 2#/sx kolseal, 1/4#/sx cello flake. Tail w/390 sxs 50/50 poz, 2%gel, 1/4#/sx cello flake, 2#/sx kolseal

**TUBING**

SIZE/GRADE/WT.: 2-7/8" 6.5 J-55  
 NO. OF JOINTS: 159 jts.  
 TUBING ANCHOR: 4768'  
 TOTAL STRING LENGTH: 4929'  
 SN LANDED AT: 4894'

**ROD STRING**

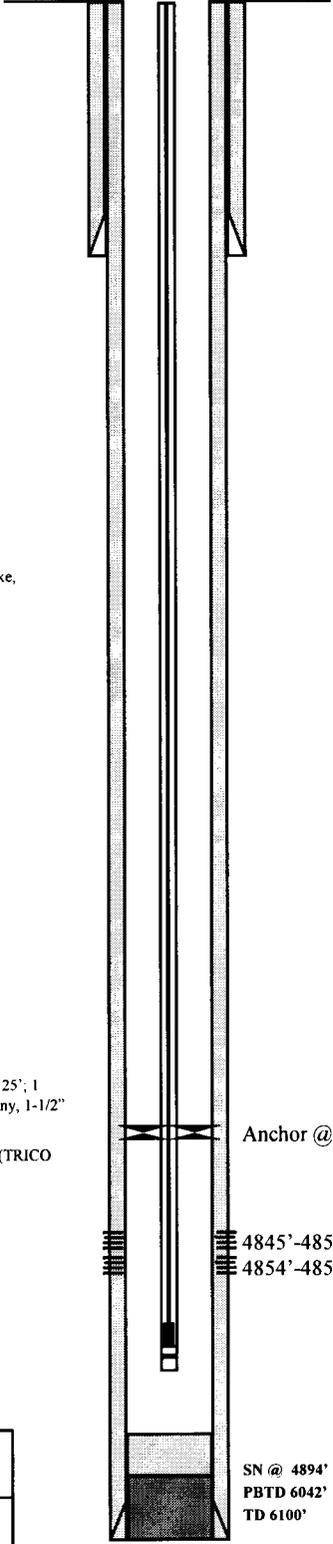
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 1 - Pony 7/8" x 2' w/2-1/2" guide, 1 - K-bar 1-1/2" x 25'; 1 Pony 7/8" x 2' w/2-1/2" guide, 193 - 3/4" D-61 plain rods, 3/4" x 8' pony, 1-1/2" x 22' polish rod.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2" RHAC w/spray metal plunger (TRICO #1176)  
 STROKE LENGTH: 84" @ 5" SPM  
 LOGS: CBL/GR DLL/SDL/DSN

**FRAC JOB**

6/26/96 4845'-4859' 12,600 gals @% KCL gelled wtr;  
 23,200 # 20/40 ss and 37,280 # 16/30 ss.

**PERFORATION RECORD**

4 SPF 4845'-4853'  
 4854'-4859'





**Inland Resources Inc.**  
 Monument Federal 33-6  
 1850' FSL and 1850' FWL  
 NWSE Section 6-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31589; Lease #U-74390

# Nine Mile 13-6

Spud Date: 1/1/98  
 Put on Production: 1/29/98  
 GL: 5927' KB: 5941'

Initial Production: ? BOPD, ?  
 MCFPD, ? BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 287'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 SXS Prem Plus w/2% CC, 2% gel, 1/2#/sx flocele

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts.  
 DEPTH LANDED: 5982'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 340 sx Hibond 65 Modified. Tail w/300 sxs  
 Thixotropic & 10% Calseal

**TUBING**

SIZE/GRADE/WT.: 2-7/8" 6.5 M-50  
 NO. OF JOINTS: 190 jts.  
 TUBING ANCHOR: 5484'  
 TOTAL STRING LENGTH: 5618'  
 SN LANDED AT: 5550'

**ROD STRING**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1-1/2" weight rods, 4- 3/4" scraped rods, 118 - 3/4" plain rods, 94 - 3/4" scraped rods, 1 - 4' x 3/4" pony rod, 1-1/2" x 22' polish rod.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
 STROKE LENGTH: 74" @ 5-1/2" SPM  
 LOGS: DIGL/SP/GR/CAL (6007' - 297')  
 DSN/SKL/GR (5972' - 3000')

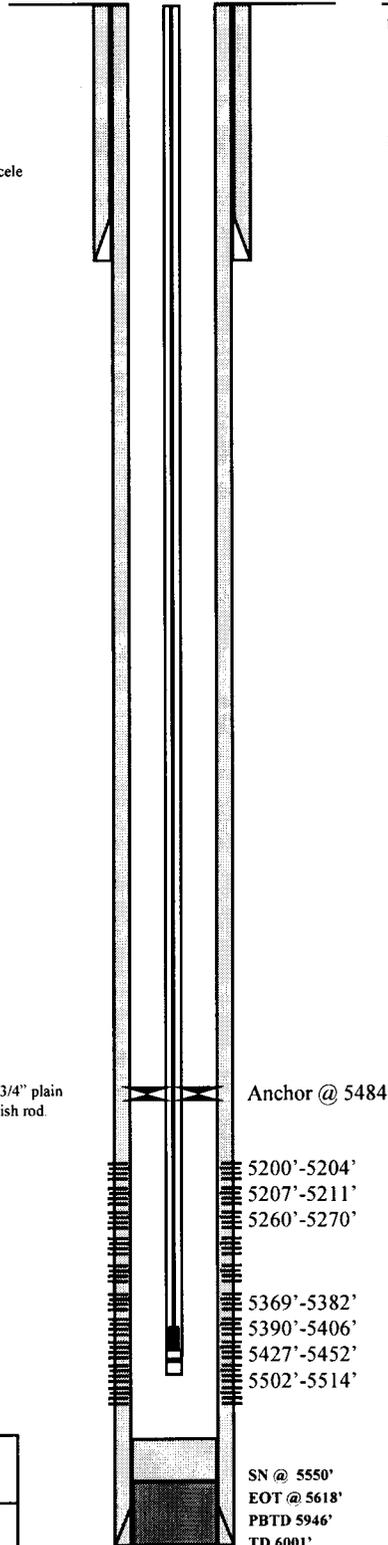
**FRAC JOB**

1/21/98 5369'-551' 3500 gal pad; 1,000 gal w/1-6 pp 20/40 ss; 10,000 gal w/6-8 ppg 20/40 ss; 700 gal w/6-8 ppg 20/40 ss (8.1#max); flush w/5,263 Gal of 10# linear gel

1/23/98 5200'-5204' 3000 gal pad; 1,000 gal w/1-6 ppg 20/40 ss; 8,000 gal w/6-8 ppg 20/40 ss; 5,017 gal w/8-10 ppg of 20/40 ss; flush with 5,109 gal linear gel. Avg rate 28.4, Avg. TP

**PERFORATION RECORD**

|        |             |           |
|--------|-------------|-----------|
| 4 JSPF | 5200'-5204' | A Sands   |
|        | 5207'-5211' |           |
|        | 5260'-5270' |           |
| 2 JSPF | 5369'-5382' | LDC Sands |
|        | 5390'-5406' |           |
|        | 5427'-5452' |           |
|        | 5502'-5514' |           |



Anchor @ 5484'

5200'-5204'  
 5207'-5211'  
 5260'-5270'  
 5369'-5382'  
 5390'-5406'  
 5427'-5452'  
 5502'-5514'

SN @ 5550'  
 EOT @ 5618'  
 PBTD 5946'  
 TD 6001'



**Inland Resources Inc.**

Nine Mile 13-6

652' FSL and 668' FWL

SWSW Section 6-T9S-R16E

Duchesne Co, Utah

API #43-013-31954; Lease #U-74390

# UNICHEM

A Division of BJ Services

P.O. Box 217  
Roosevelt, Utah 84066

Attachment F

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

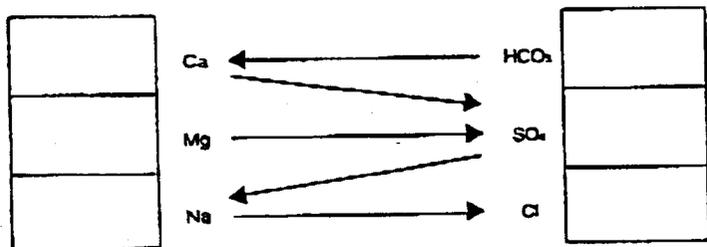
## WATER ANALYSIS REPORT

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

|   | Analysis     | mg/l(ppm)  | *Meq/l                         |
|---|--------------|------------|--------------------------------|
| 1. PH                                   | <u>7.0</u>   |            |                                |
| 2. H <sub>2</sub> S (Qualitative)       | <u>0.5</u>   |            |                                |
| 3. Specific Gravity                     | <u>1.001</u> |            |                                |
| 4. Dissolved Solids                     |              | <u>593</u> |                                |
| 5. Alkalinity (CaCO <sub>3</sub> )      |              | <u>0</u>   | + 30 <u>0</u> CO <sub>3</sub>  |
| 6. Bicarbonate (HCO <sub>3</sub> )      |              | <u>300</u> | + 61 <u>5</u> HCO <sub>3</sub> |
| 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 <sub>4</sub> )          |              | <u>110</u> | + 48 <u>2</u> SO <sub>4</sub>  |
| 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 <sub>3</sub> ) |              | <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        | Meq/l | = | Mg/l       |
|------------------------------------|------------|----------|-------|---|------------|
| Ca(HCO <sub>3</sub> ) <sub>2</sub> | 81.04      | <u>2</u> |       |   | <u>162</u> |
| CaSO <sub>4</sub>                  | 68.07      |          |       |   |            |
| CaCl <sub>2</sub>                  | 55.50      |          |       |   |            |
| Mg(HCO <sub>3</sub> ) <sub>2</sub> | 73.17      | <u>2</u> |       |   | <u>146</u> |
| MgSO <sub>4</sub>                  | 60.19      |          |       |   |            |
| MgCl <sub>2</sub>                  | 47.62      |          |       |   |            |
| NaHCO <sub>3</sub>                 | 84.00      | <u>1</u> |       |   | <u>84</u>  |
| Na <sub>2</sub> SO <sub>4</sub>    | 71.03      | <u>2</u> |       |   | <u>142</u> |
| NaCl                               | 58.46      | <u>1</u> |       |   | <u>59</u>  |

| Saturation Values                     | Distilled Water 20°C |
|---------------------------------------|----------------------|
| CaCO <sub>3</sub>                     | 13 Mg/l              |
| CaSO <sub>4</sub> · 2H <sub>2</sub> O | 2,090 Mg/l           |
| MgCO <sub>3</sub>                     | 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

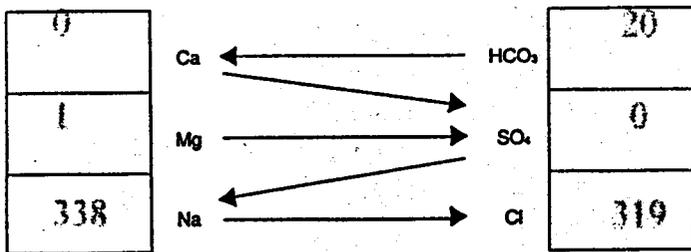
## WATER ANALYSIS REPORT

Company INLAND Address \_\_\_\_\_ Date 03-04-98  
Source 9 MILE 5-7 Date Sampled \_\_\_\_\_ Analysis No. \_\_\_\_\_

|   | Analysis     | mg/l(ppm)     | *Meg/l     |
|---|--------------|---------------|------------|
| 1. PH                                   | <u>9.3</u>   |               |            |
| 2. H <sub>2</sub> S (Qualitative)       | <u>0.5</u>   |               |            |
| 3. Specific Gravity                     | <u>1.019</u> |               |            |
| 4. Dissolved Solids                     |              | <u>20,108</u> |            |
| 5. Alkalinity (CaCO <sub>3</sub> )      |              | <u>200</u>    | <u>7</u>   |
| 6. Bicarbonate (HCO <sub>3</sub> )      |              | <u>800</u>    | <u>13</u>  |
| 7. Hydroxyl (OH)                        |              | <u>0</u>      | <u>0</u>   |
| 8. Chlorides (Cl)                       |              | <u>11,300</u> | <u>319</u> |
| 9. Sulfates (SO <sub>4</sub> )          |              | <u>0</u>      | <u>0</u>   |
| 10. Calcium (Ca)                        |              | <u>3</u>      | <u>0</u>   |
| 11. Magnesium (Mg)                      |              | <u>8</u>      | <u>1</u>   |
| 12. Total Hardness (CaCO <sub>3</sub> ) |              | <u>40</u>     |            |
| 13. Total Iron (Fe)                     |              | <u>0.4</u>    |            |
| 14. Manganese                           |              |               |            |
| 15. Phosphate Residuals                 |              |               |            |

\*Milli equivalents per liter

### PROBABLE MINERAL COMPOSITION



| Compound                           | Equiv. Wt. | X | Meg/l      | = | Mg/l          |
|------------------------------------|------------|---|------------|---|---------------|
| Ca(HCO <sub>3</sub> ) <sub>2</sub> | 81.04      |   |            |   |               |
| CaSO <sub>4</sub>                  | 68.07      |   |            |   |               |
| CaCl <sub>2</sub>                  | 55.50      |   |            |   |               |
| Mg(HCO <sub>3</sub> ) <sub>2</sub> | 73.17      |   | <u>1</u>   |   | <u>73</u>     |
| MgSO <sub>4</sub>                  | 60.19      |   |            |   |               |
| MgCl <sub>2</sub>                  | 47.62      |   |            |   |               |
| NaHCO <sub>3</sub>                 | 84.00      |   | <u>19</u>  |   | <u>1,596</u>  |
| Na <sub>2</sub> SO <sub>4</sub>    | 71.03      |   |            |   |               |
| NaCl                               | 58.46      |   | <u>319</u> |   | <u>18,649</u> |

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

REMARKS \_\_\_\_\_

## AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND  
 LOCATION:  
 SYSTEM:

04-28-98

|                        |               |            |
|------------------------|---------------|------------|
| WATER DESCRIPTION:     | JOHNSON WATER | 9 MILE 5-7 |
| P-ALK AS PPM CaCO3     | 0             | 334        |
| M-ALK AS PPM CaCO3     | 492           | 1312       |
| SULFATE AS PPM SO4     | 110           | 0          |
| CHLORIDE AS PPM Cl     | 35            | 11300      |
| HARDNESS AS PPM CaCO3  | 0             | 0          |
| CALCIUM AS PPM CaCO3   | 110           | 8          |
| MAGNESIUM AS PPM CaCO3 | 90            | 33         |
| SODIUM AS PPM Na       | 92            | 7774       |
| BARIUM AS PPM Ba       | 0             | 0          |
| STRONTIUM AS PPM Sr    | 0             | 0          |
| CONDUCTIVITY           | 0             | 0          |
| TOTAL DISSOLVED SOLIDS | 593           | 20108      |
| TEMP (DEG-F)           | 150           | 150        |
| SYSTEM pH              | 7             | 9.3        |

WATER COMPATIBILITY CALCULATIONS  
 JOHNSON WATER AND 9 MILE 5-7  
 CONDITIONS: TEMP.=150 AND pH=8.2  
 WATER ONE IS JOHNSON WATER

| % OF<br>WATER<br># 1 | STIFF DAVIS<br>CaCO3 INDEX | lbs/1000<br>BBL<br>EXCESS<br>CaCO3 | mg/l BaSO4<br>IN EXCESS<br>OF<br>SATURATION | mg/l SrO4<br>IN EXCESS<br>OF<br>SATURATION | mg/l Gypsum<br>IN EXCESS<br>OF<br>SATURATION |
|----------------------|----------------------------|------------------------------------|---|--|--|
| 100                  | 1.48                       | 36                                 | 0   | 0  | 0  |
| 90                   | 1.43                       | 33                                 | 0   | 0  | 0  |
| 80                   | 1.38                       | 29                                 | 0   | 0  | 0  |
| 70                   | 1.31                       | 26                                 | 0   | 0  | 0  |
| 60                   | 1.23                       | 22                                 | 0   | 0  | 0  |
| 50                   | 1.13                       | 19                                 | 0   | 0  | 0  |
| 40                   | 1.02                       | 15                                 | 0   | 0  | 0  |
| 30                   | .91                        | 11                                 | 0   | 0  | 0  |
| 20                   | .77                        | 8                                  | 0   | 0  | 0  |
| 10                   | .56                        | 4                                  | 0   | 0  | 0  |
| 0                    | .19                        | 0                                  | 0   | 0  | 0  |

**Attachment G**

**Nine Mile #5-7**

**Proposed Maximum Injection Pressure**

| Frac Interval<br>(feet) |        | Avg. Depth<br>(feet) | ISIP<br>(psi) | Frac<br>Gradient<br>(psi/ft) | Pmax        |
|-------------------------|--------|----------------------|---------------|------------------------------|-------------|
| Top                     | Bottom |                      |               |                              |             |
| 4751                    | 4759   | 4755                 | 1998          | 0.85                         | 1971        |
| 4541                    | 4604   | 4573                 | 2445          | 0.97                         | 2429        |
|                         |        |                      |               | <b>Minimum</b>               | <u>1971</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.



**DAILY COMPLETION REPORT**

**WELL NAME** Nine Mile 5-7 **Report Date** 12/23/97 **Completion Day** 3  
**Present Operation** Perf PB sds. **Rig** Flint #6

**WELL STATUS**

**Surf Csg:** 8-5/8 @ 300 **Liner** \_\_\_\_\_ @ \_\_\_\_\_ **Prod Csg** 5-1/2 @ 5942 **Csg PBD** 5885  
**Tbg:** **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT** @ \_\_\_\_\_ **BP/Sand PBD:** \_\_\_\_\_

**PERFORATION RECORD**

| Zone | Perfs    | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|----------|------------|------|-------|------------|
| YDC  | 4751-59' | 4/32       |      |       |            |
|      |          |            |      |       |            |
|      |          |            |      |       |            |
|      |          |            |      |       |            |

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 12/22/97 **SITP:** \_\_\_\_\_ **SICP:** \_\_\_\_\_  
RIH w/swab. Tag fluid @ 4900'. No in flow. RD swab equipment. TOH w/tbg. RU Halliburton & frac YDC sand w/104,300# of 20/40 sand in 513 bbls of Boragel treated @ ave press of 2000 psi w/ave rate of 26.3 BPM. ISIP: 1998 psi, 5 min: 1865 psi. Flowback for 3-1/2 hrs. Recovered 120 bbls Frac Fluid. SIFN. Est 393 BWTR.

**FLUID RECOVERY (BBLs)**

|  |                  |                                       |                               |
|--|------------------|---------------------------------------|-------------------------------|
| <b>Starting fluid load to be recovered</b> _____ | <u>0</u>         | <b>Starting oil rec to date</b> _____ | <u>0</u>                      |
| <b>Fluid lost/recovered today</b> _____          | <u>393</u>       | <b>Oil lost/recovered today</b> _____ | <u>0</u>                      |
| <b>Ending fluid to be recovered</b> _____        | <u>393</u>       | <b>Cum oil recovered</b> _____        | <u>0</u>                      |
| <b>IFL</b> _____                                 | <b>FFL</b> _____ | <b>FTP</b> _____                      | <b>Choke</b> _____            |
|  |                  |                                       | <b>Final Fluid Rate</b> _____ |
|  |                  |                                       | <b>Final oil cut</b> _____    |

**STIMULATION DETAIL**

**Base Fluid used:** Boragel **Job Type:** Delta - Sand Frac  
**Company:** Halliburton  
**Procedure:** \_\_\_\_\_  
3000 gal of pad  
1000 gal w/1-6 ppg of 20/40 sd  
8000 gal w/6-8 ppg of 20/40 sd  
4634 gal w/8-10 ppg of 20/40 sd  
Flush w/4666 gal of 10# Linear Gel.

**COSTS**

|                 |        |
|-----------------|--------|
| Flint rig       | 1,318  |
| BOP             | 135    |
| Tanks           | 60     |
| Halliburton     | 21,456 |
| Wtr             | 650    |
| IPC Supervision | 200    |

|                           |                             |   |
|---------------------------|-----------------------------|---|
| <b>Max TP</b> <u>3119</u> | <b>Max Rate</b> <u>27.7</u> | <b>Total fluid pmpd:</b> <u>513</u>                 |
| <b>Avg TP</b> <u>2000</u> | <b>Avg Rate</b> <u>26.3</u> | <b>Total Prop pmpd:</b> <u>104,300</u>              |
| <b>ISIP</b> <u>1998</u>   | <b>5 min</b> <u>1965</u>    | <b>10 min</b> <u>1506</u> <b>15 min</b> <u>1417</u> |

**Completion Supervisor:** Brad Mecham

|                         |                  |
|-------------------------|------------------|
| <b>DAILY COST:</b>      | <u>\$23,819</u>  |
| <b>TOTAL WELL COST:</b> | <u>\$201,853</u> |



**DAILY COMPLETION REPORT**

**WELL NAME** Nine Mile 5-7 **Report Date** 12/25/97 **Completion Day** 5  
**Present Operation** Pull plug. Tag sd @ PBTD. Swab. **Rig** Flint #6

**WELL STATUS**

**Surf Csg:** 8-5/8 @ 300 **Liner** \_\_\_\_\_ @ \_\_\_\_\_ **Prod Csg** 5-1/2 @ 5942 **Csg PBTD** 5885  
**Tbg:** **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT** @ \_\_\_\_\_ **BP/Sand PBTD:** 4670

**PERFORATION RECORD**

| Zone | Perfs      | SPF/#shots | Zone | Perfs | SPF/#shots |
|------|------------|------------|------|-------|------------|
| PB   | 4541-52'   | 4/44       |      |       |            |
| PB   | 4599-4604' | 4/20       |      |       |            |
| YDC  | 4751-59'   | 4/32       |      |       |            |
|      |            |            |      |       |            |

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 12/24/97 **SITP:** \_\_\_\_\_ **SICP** 50

Bleed gas off csg. IFL @ 3800'. Made 4 swab runs, rec 8 BTF w/tr oil. FFL @ 4200'. TOH w/tbg. NU isolation tool. RU Halliburton & frac PB sds w/60,300# 20/40 sd in 340 bbls Delta Frac. Perfs broke @ 2260 psi. Treated @ ave press of 1850 psi w/ave rate of 24 BPM. ISIP: 2445 psi, 5 min: 2304 psi. Flowback on 12/64 choke for 3 hrs & died. Rec 95 BTF (est 28% of load). SIFN w/est 485 BWTR.

**FLUID RECOVERY (BBLs)**

|  |            |   |                                 |
|--|------------|---|---------------------------------|
| <b>Starting fluid load to be recovered</b> _____               | <u>248</u> | <b>Starting oil rec to date</b> _____                   | <u>0</u>                        |
| <b>Fluid lost/recovered today</b> _____                        | <u>237</u> | <b>Oil lost/recovered today</b> _____                   | <u>0</u>                        |
| <b>Ending fluid to be recovered</b> _____                      | <u>485</u> | <b>Cum oil recovered</b> _____                          | <u>0</u>                        |
| <b>IFL</b> <u>3800</u> <b>FFL</b> <u>4200</u> <b>FTP</b> _____ |            | <b>Choke</b> <u>12/64</u> <b>Final Fluid Rate</b> _____ | <b>Final oil cut</b> <u>Tr.</u> |

**STIMULATION DETAIL**

**Base Fluid used:** Delta Frac **Job Type:** Sand Frac  
**Company:** Halliburton  
**Procedure:** \_\_\_\_\_  
2000 gal of pad  
1000 gal w/1-6 ppg of 20/40 sd  
3000 gal w/6-8 ppg of 20/40 sd  
3862 gal w/8-10 ppg of 20/40 sd  
Flush w/4409 gal of 10# Linear gel.

**COSTS**

|                  |        |
|------------------|--------|
| Flint rig        | 999    |
| BOP              | 135    |
| Tanks            | 45     |
| Wtr              | 450    |
| HO Trk           | 405    |
| Frac             | 16,733 |
| Flowback - super | 100    |
| IPC Supervision  | 200    |

**Max TP** 2649 **Max Rate** 24.8 **Total fluid pmpd:** 340 bbls  
**Avg TP** 1850 **Avg Rate** 24 **Total Prop pmpd:** 60,300#  
**ISIP** 2445 **5 min** 2304 **10 min** \_\_\_\_\_ **15 min** \_\_\_\_\_  
**Completion Supervisor:** Gary Dietz

**DAILY COST:** \$19,067  
**TOTAL WELL COST:** \$225,889

**ATTACHMENT H**

**WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. **Plug #1** Set 368' plug from 4441'-4809' with 60 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 239'-339' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
4. **Plug #4** Set 50' plug from surface with 10 sxs Class "G" cement.
5. Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 289' to surface.

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

# Nine Mile #5-7

Spud Date: 11/16/97  
Put on Production: 11/23/97  
GL: 5978' KB: 5990'

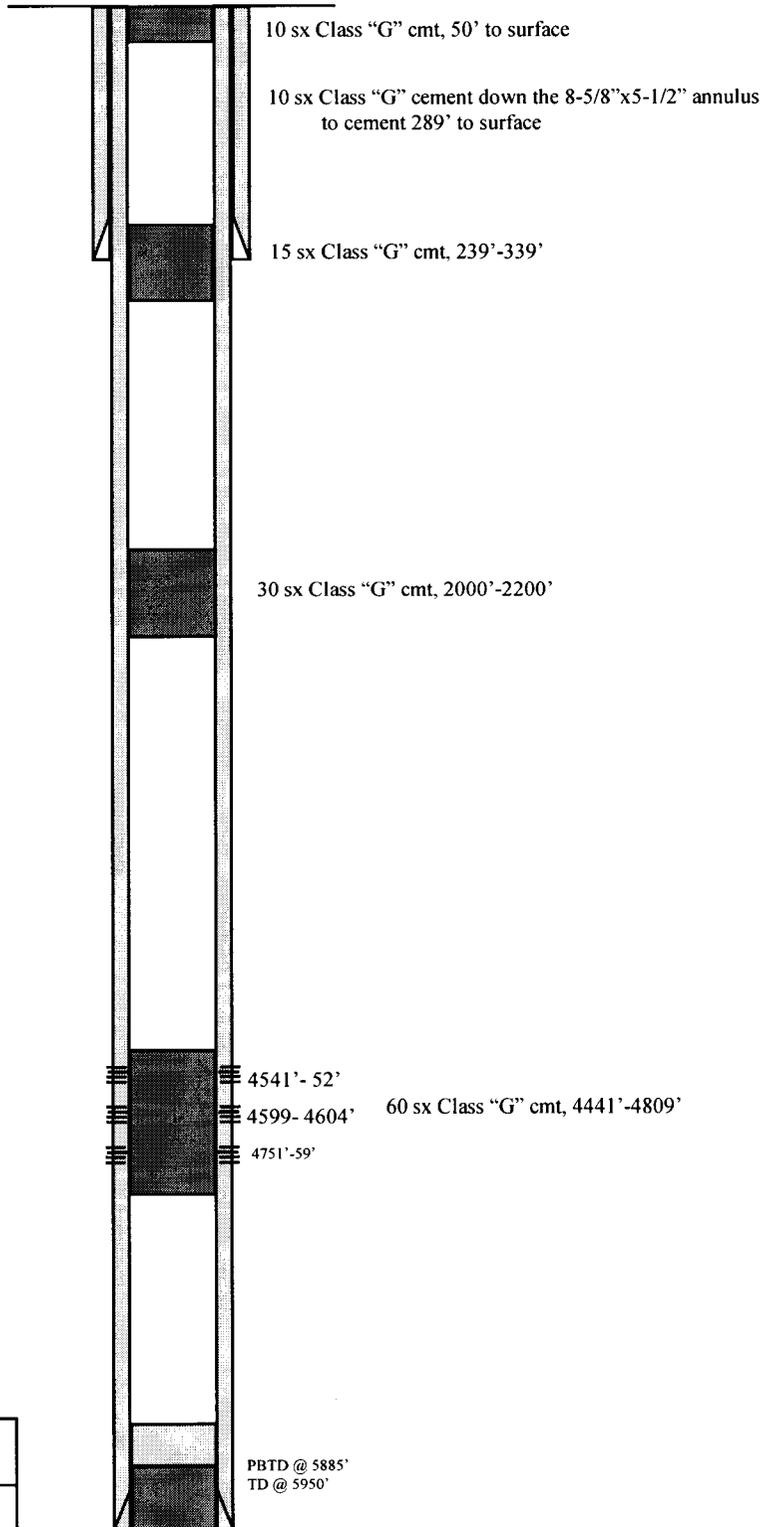
## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 287.97'  
DEPTH LANDED: 288.64'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 7 bbls to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts. (5930')  
DEPTH LANDED: 5942'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 395 sks Hibond mixed & 360 sks thixotropic  
CEMENT TOP AT:

Proposed P&A  
Wellbore Diagram



 **Inland Resources Inc.**  
**Nine Mile #5-7**  
 1980 FNL 660 FWL  
 SWNW Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-31777; Lease #UTU-74390

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-74390**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**WEST POINT UNIT  
UTU-77107X**

8. Well Name and No.

**NINE MILE FEDERAL 12-7-9-16**

9. API Well No.

**43-013-31777**

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.

**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

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

**1980 FSL 594 FWL                      NW/SW Section 7, T09S R16E**

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

**TYPE OF SUBMISSION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other    **Reclamation**

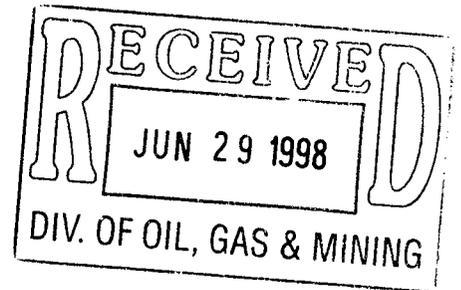
Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

**CONFIDENTIAL**

The location reclamation and recontouring have been completed in accordance with the Surface Use Program on May 27, 1998, per BLM specifications. The topsoil has been spread over the rehabilitated area, and seeding has been conducted per BLM requirements. All construction and restoration operations have been completed.



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

Signed *Cheryl Cameron* Title Regulatory Specialist Date 6/25/98  
Cheryl Cameron

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

**CC: UTAH DOGM**



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

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

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

**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

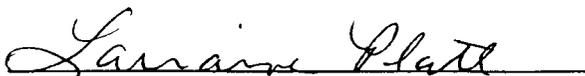
Newspaper Agency Corporation  
Legal Advertising  
P.O. Box 45838  
Salt Lake City, Utah 84145

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



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

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Sincerely,

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

Lorraine Platt  
Secretary

Enclosure

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, | : |                   |
| 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.

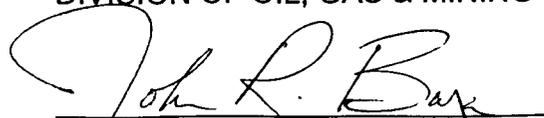
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Monument Federal 32-6-9-16Y, 41-18, 34-31-8-16 & 23-7, Nine Mile 11-6, 13-6, 5-7, 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

**WEST POINT UNIT WELL LISTING**

AS OF 7/13/98

T. 8 & 9S, R. 16E

SEC.  
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6  
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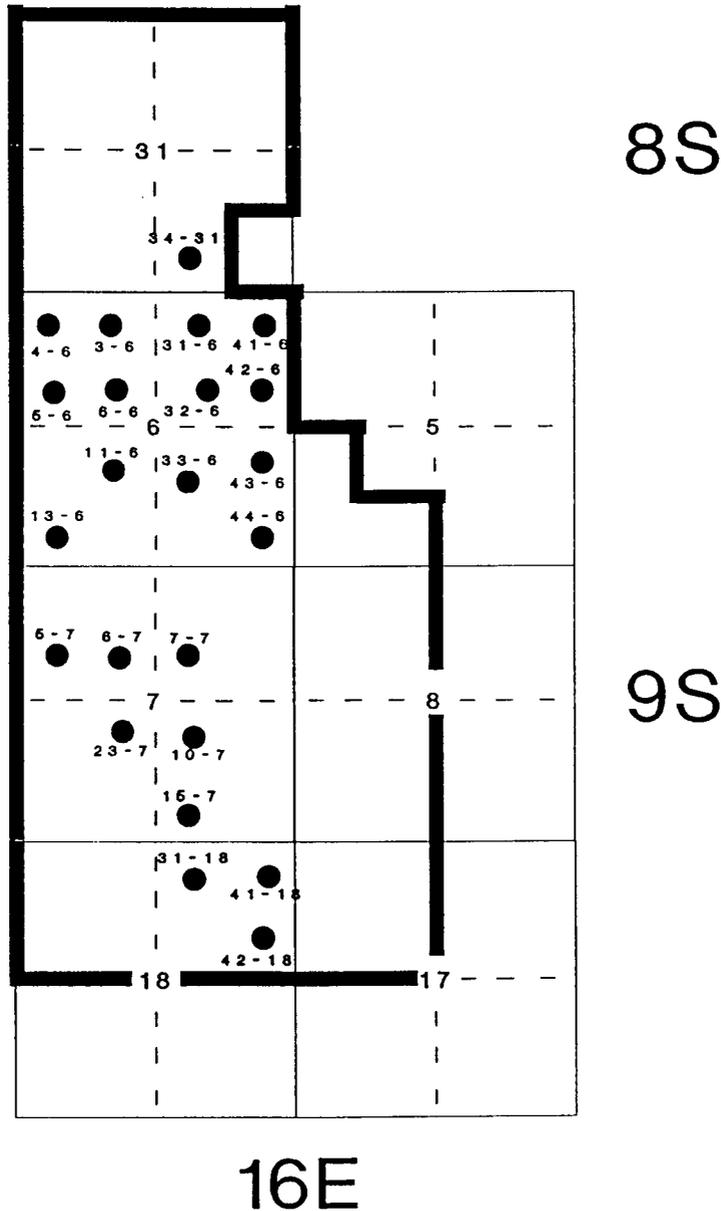
| FIELD           | WELL NAME                     | STATUS | API NUMBER |
|-----------------|-------------------------------|--------|------------|
| WEST POINT UNIT | MON FED #31-6Y                | PROD   | 4301331717 |
| WEST POINT UNIT | FED 32- <del>36</del> -09-16Y | PROD   | 4301331300 |
| WEST POINT UNIT | MON FED #42-6Y                | PROD   | 4301331645 |
| WEST POINT UNIT | MON FED #43-6Y                | PROD   | 4301331644 |
| WEST POINT UNIT | MON FED #33-6Y                | PROD   | 4301331589 |
| WEST POINT UNIT | FED 44- <del>36</del> -09-16Y | PROD   | 4301331720 |
| WEST POINT UNIT | MON FED #23-7 <del>X</del>    | PROD   | 4301331694 |
| WEST POINT UNIT | MON FED #41-18Y               | PROD   | 4301331646 |
| WEST POINT UNIT | FED 31-18-9-16Y               | PROD   | 4301331725 |
| WEST POINT UNIT | FED 42-18-09-16Y              | PROD   | 4301331724 |
| WEST POINT UNIT | MON FED 34-31-8-16            | PROD   | 4301331715 |
| WEST POINT UNIT | MON FED 41-6-9-16Y            | PROD   | 4301331718 |
| WEST POINT UNIT | NINE MILE 3-6                 | PROD   | 4301331810 |
| WEST POINT UNIT | NINE MILE 11-6                | PROD   | 4301331812 |
| WEST POINT UNIT | NINE MILE FEDERAL 15-6-9-16   | PROD   | 4301332000 |
| WEST POINT UNIT | NINE MILE 6-7                 | PROD   | 4301331776 |
| WEST POINT UNIT | NINE MILE 10-7                | PROD   | 4301331773 |
| WEST POINT UNIT | NINE MILE FEDERAL 12-7-9-16   | PROD   | 4301332014 |
| WEST POINT UNIT | NINE MILE 4-6                 | PROD   | 4301331952 |
| WEST POINT UNIT | NINE MILE 5-6                 | PROD   | 4301331953 |
| WEST POINT UNIT | NINE MILE 13-6                | PROD   | 4301331954 |
| WEST POINT UNIT | NINE MILE 6-6                 | PROD   | 4301331719 |
| WEST POINT UNIT | NINE MILE 5-7                 | PROD   | 4301331777 |
| WEST POINT UNIT | NINE MILE 7-7                 | PROD   | 4301331778 |
| WEST POINT UNIT | NINE MILE 15-7                | PROD   | 4301331803 |
| WEST POINT UNIT | NINE MILE 2-7                 | PROD   | 4301332011 |
| WEST POINT UNIT | NINE MILE 3-7                 | PROD   | 4301332012 |
| WEST POINT UNIT | NINE MILE 4-7                 | PROD   | 4301332013 |
| WEST POINT UNIT | NINE MILE 14-6                | P&A    | 4301331999 |

12060  
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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%



**Nine Mile #5-7**  
**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



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

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-74390**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**WEST POINT (GR RVR)**

8. Well Name and No.

**NINE MILE 5-7**

9. API Well No.

**43-013-31777**

10. Field and Pool, or Exploratory Area

**UNDESIGNATED**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

|  |                                   |                                |
|--|-----------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> Oil Well | <input type="checkbox"/> Gas Well | <input type="checkbox"/> 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)

**1980 FNL 0660 FWL SW/NW Section 7, T09S R16E**

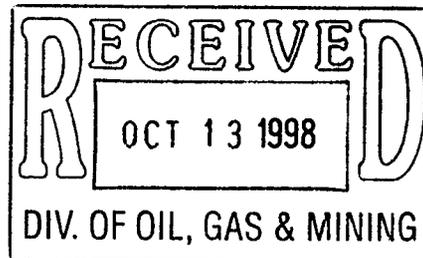
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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



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

Signed

*Debbie E. Knight* Title

Manager, Regulatory Compliance

Date

10/7/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

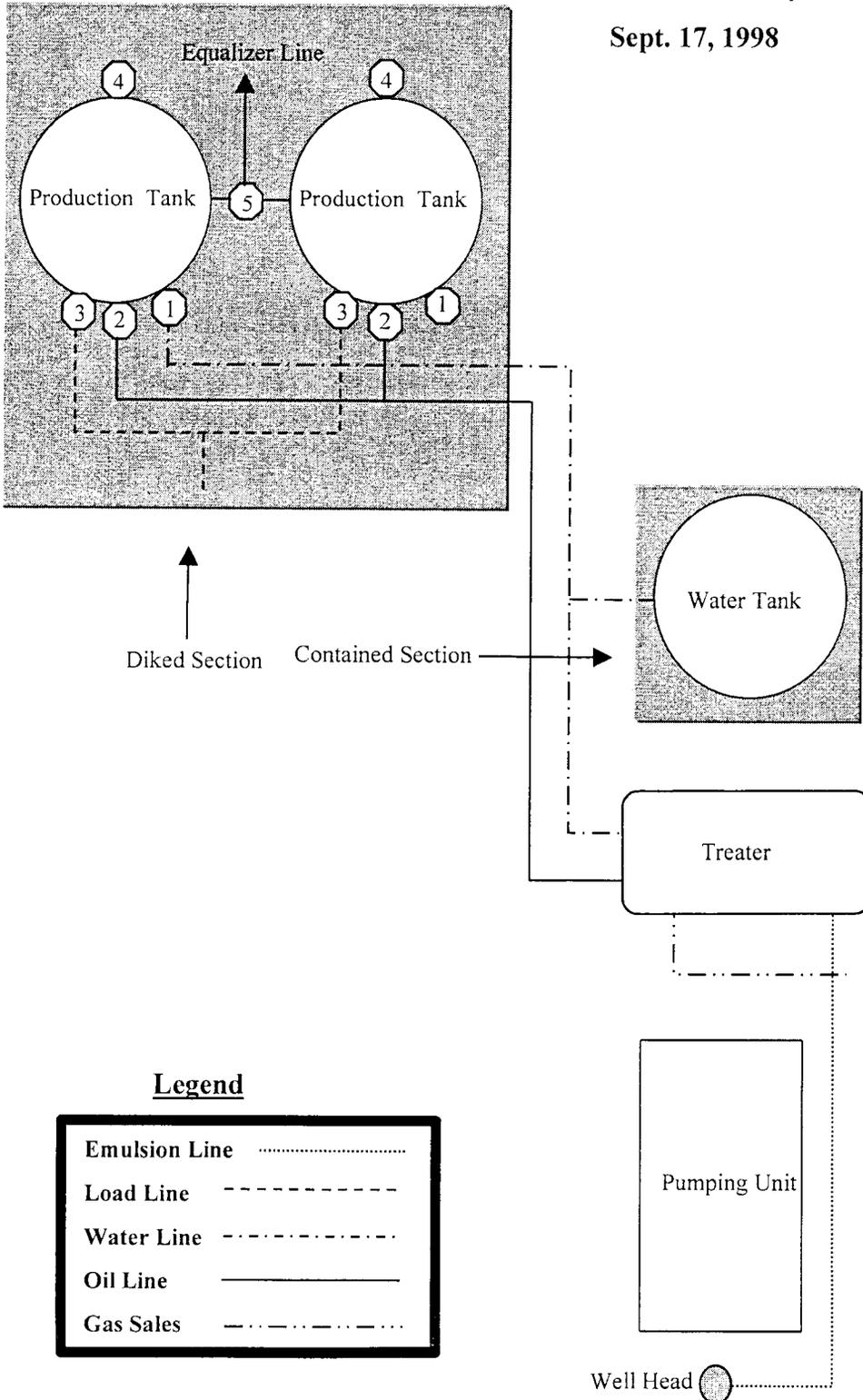
**CC: UTAH DOGM**

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

# Inland Production Company Site Facility Diagram

Nine Mile Federal 5-7  
SW/NW Sec. 7, T9S, 16E  
Duchesne County  
Sept. 17, 1998

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



### Production Phase:

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

### Sales Phase:

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

### Draining Phase:

- 1) Valve 3 open

### Legend

|               |         |
|---------------|---------|
| Emulsion Line | .....   |
| Load Line     | -----   |
| Water Line    | -.-.-.- |
| Oil Line      | _____   |
| Gas Sales     | .....   |



# 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

Re: *43-013-31777*  
Well No. Mon. Fed. 12-7-9-16Y (*Nine mile 5-7*)  
SWNW, Sec. 7, T9S, R16E  
Lease U-74390  
Duchesne County, Utah

Dear Sir:

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

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

Sincerely,

Howard B. Cleavinger II  
Assistant Field Manager,  
Minerals Resources

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

# OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

|                  |                   |
|------------------|-------------------|
| Routing          |                   |
| 1-LEC <i>llc</i> | 6-LEC <i>llc</i>  |
| 2-GLH            | 7-KAS <i>lnt.</i> |
| 3-DESDS          | 8-ST              |
| 4-VLD            | 9-FILE            |
| 5-JRB <i>llc</i> |                   |

- 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&amp;G SVS</u>  |
|                    | <u>ROOSEVELT UT 84066</u>        |                      | <u>PO BOX 577</u>                 |
|                    |                                  |                      | <u>LAUREL MT 59044</u>            |
| Phone:             | <u>(801)722-5103</u>             | Phone:               | <u>(406)628-4164</u>              |
| Account no.        | <u>N5160</u>                     | Account no.          | <u>N9890</u>                      |

WELL(S) attach additional page if needed:

|                               |                          |               |         |         |         |              |
|-------------------------------|--------------------------|---------------|---------|---------|---------|--------------|
| Name: <b>**SEE ATTACHED**</b> | API: <u>43-013-31777</u> | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____                   | API: _____               | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____                   | API: _____               | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____                   | API: _____               | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____                   | API: _____               | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |
| Name: _____                   | API: _____               | Entity: _____ | S _____ | T _____ | R _____ | Lease: _____ |

## OPERATOR CHANGE DOCUMENTATION

- llc* 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Reg. 11-24-97) (Rec'd 12-10-97)*
- llc* 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: \_\_\_\_\_
- llc* 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.
- llc* 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(11-24-97)*
- llc* 6. Cardex file has been updated for each well listed above. *(11-24-97)*
- llc* 7. Well file labels have been updated for each well listed above. *(11-24-97)*
- llc* 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. *(11-24-97)*
- llc* 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**

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

**LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY**

- N/A 1. Copies of documents have been sent on     to     at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 12/2/97 19    , of their responsibility to notify all interest owners of this change.

**FILMING**

- VB 1. All attachments to this form have been microfilmed. Today's date: 10.27.98.

**FILING**

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

**COMMENTS**

971124 Blm/Veinel Apr. 11-10-97

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

|   |  |  |                        |
|---|--|--|------------------------|
| <b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>UTU-74390</b>                              |                        |
| (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.<br>(Use "APPLICATION FOR PERMIT-" for such proposals.)                   |  | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME<br><br><b>N/A</b>                              |                        |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>   |  | 7. UNIT AGREEMENT NAME<br><br><b>WEST POINT (GR RVR)</b>                             |                        |
| 2. NAME OF OPERATOR<br><b>INLAND PRODUCTION COMPANY</b>   |  | 8. FARM OR LEASE NAME<br><b>NINE MILE 5-7</b>  |                        |
| 3. ADDRESS OF OPERATOR<br><b>Route 3, Box 3630, Myton Utah 84052<br/>(435-646-3721)</b>   |  | 9. WELL NO.<br><b>NINE MILE 5-7</b>  |                        |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>SW/NW 1980 FNL 0660 FWL</b> |  | 10. FIELD AND POOL, OR WILDCAT<br><br><b>UNDESIGNATED</b>                            |                        |
|   |  | 11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA<br><b>SW/NW Section 7, T09S R16E</b> |                        |
| 14. API NUMBER<br><b>43-013-31777</b>   | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>5978 GL</b> | 12. COUNTY OR PARISH<br><b>DUCHESNE</b>  | 13. STATE<br><b>UT</b> |

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

| NOTICE OF INTENTION TO:                      |   | SUBSEQUENT REPORT OF:   |  |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>   | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>   | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/>  | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | <input type="checkbox"/>                      | (OTHER) <u>Perform MIT.</u>   | <input type="checkbox"/>                 |
| (OTHER) <input type="checkbox"/>             | <input 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.)\*

The subject well was converted from a production to an injection well. Mr. Dennis Ingram of the State DOGM was notified of the intent to perform an MIT on April 5, 2000. On April 6, 2000, the casing annulus was pressured to 1420 psi and maintained for one half hour with no pressure loss. Dennis Ingram was unable to witness but approved to chart and send in.

Inland is requesting permission to commence injection.

18 I hereby certify that the foregoing is true and correct

|                        |                                 |                    |
|------------------------|---------------------------------|--------------------|
| SIGNED <u>Rod Bird</u> | TITLE <u>Production Foreman</u> | DATE <u>4/6/00</u> |
| <u>Rod Bird</u>        |                                 |                    |

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



PRODUCTION COMPANY  
A Subsidiary of Inland Resources Inc.

April 6, 2000

RECEIVED

APR 07 2000

DIVISION OF  
OIL, GAS AND MINING

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

Re: Nine Mile 5-7-9-16  
Injection Conversion

Dear Brad:

Inland converted the subject well from a producing to an injection well on April 5, 2000. A mechanical integrity test (MIT) was conducted on April 6, 2000 however Mr. Dennis Ingram was unable to witness the test. The casing was pressured to 1420 psi and held for one half hour with no pressure loss.

Find enclosed an MIT sundry, tabular data sheet, and a chart recording of the test. Inland is requesting permission to commence injection on the subject well. Please contact me at the number listed below if you have any questions.

Sincerely,

Rod Bird  
Production Foreman

Enclosures

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: none Date 4/6/00 Time 11:00 am pm

Test Conducted by: Roddie Bird

Others Present: \_\_\_\_\_

Well: AINC m/c 5-7-9-16 Field: west point  
Well Location: SW/NW sec. 7, T09S, R16E API No: 43-013-31777  
Duchesne CO. Utah

**RECEIVED**

APR 07 2000

DIVISION OF  
OIL, GAS AND MINING

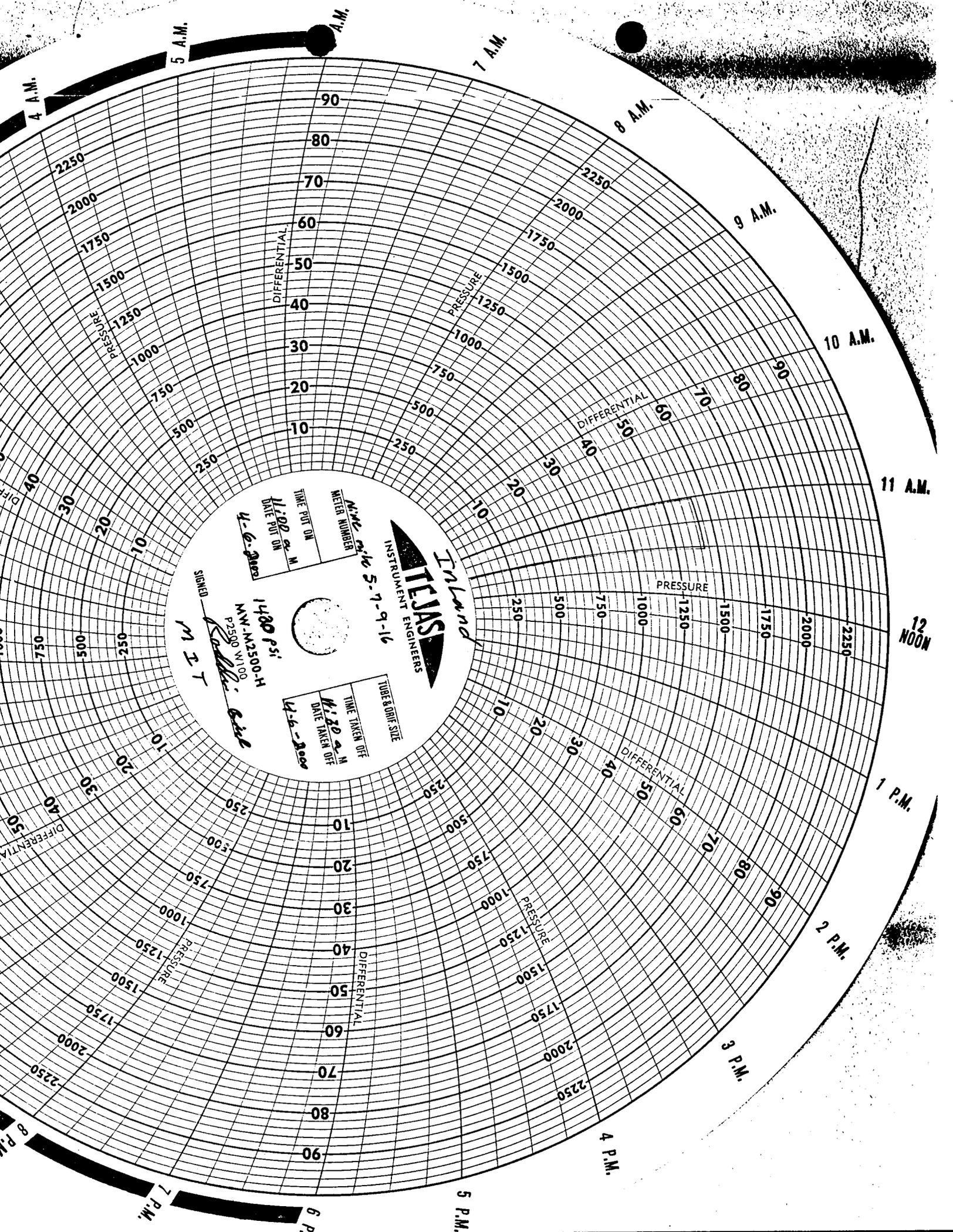
| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1420</u>            | psig |
| 5           | <u>1420</u>            | psig |
| 10          | <u>1420</u>            | psig |
| 15          | <u>1420</u>            | psig |
| 20          | <u>1420</u>            | psig |
| 25          | <u>1420</u>            | psig |
| 30 min      | <u>1420</u>            | psig |
| 35          |                        | psig |
| 40          |                        | psig |
| 45          |                        | psig |
| 50          |                        | psig |
| 55          |                        | psig |
| 60 min      |                        | psig |

Tubing pressure: 110 psig

Result: Pass Fail

Signature of Witness: none

Signature of Person Conducting Test: Roddie Bird



4 A.M.

5 A.M.

7 A.M.

8 A.M.

9 A.M.

10 A.M.

11 A.M.

12 NOON

1 P.M.

2 P.M.

3 P.M.

4 P.M.

5 P.M.

6 P.M.

7 P.M.

8 P.M.

90  
80  
70  
60  
50  
40  
30  
20  
10

Inland  
**TEXAS**  
INSTRUMENT ENGINEERS

METER NUMBER  
TIME PUT ON  
DATE PUT ON  
11-20-68  
4-6-68

TUBE & OHM SIZE  
TIME TAKEN OFF  
DATE TAKEN OFF  
11-20-68  
4-6-68

SIGNED  
M I T  
1430 psi  
MW-M2500-H  
P250 W100  
R. L. ...

DIFFERENTIAL  
PRESSURE  
2250  
2000  
1750  
1500  
1250  
1000  
750  
500  
250

PRESSURE  
2250  
2000  
1750  
1500  
1250  
1000  
750  
500  
250

DIFFERENTIAL  
PRESSURE  
2250  
2000  
1750  
1500  
1250  
1000  
750  
500  
250

DIFFERENTIAL  
PRESSURE  
2250  
2000  
1750  
1500  
1250  
1000  
750  
500  
250



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

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-219

**Operator:** Inland Production Company  
**Well:** Nine Mile 5-7  
**Location:** Section 7 , Township 9 South, Range 16 East, Duchesne County  
**API No.:** 43-013-31777  
**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: 1971 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4541 feet - 4759 feet)

Approved by:

  
for John R. Baza  
Associate Director, Oil And Gas

4-11-2000

Date

cc: Dan Jackson Environmental Protection Agency  
Bureau of Land Management, Vernal  
Inland Production Company, Myton

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

|   |  |   |                        |
|---|--|---|------------------------|
| <b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>UTU-74390</b>                           |                        |
| (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.<br>Use "APPLICATION FOR PERMIT--" for such proposals.)                   |  | 6. IF INDIAN ALLOTTEE OR TRIBAL NAME<br><br>N/A                                   |                        |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>   |  | 7. UNIT AGREEMENT NAME<br><b>WEST POINT (GR RVR)</b>                              |                        |
| 2. NAME OF OPERATOR<br><b>INLAND PRODUCTION COMPANY</b>   |  | 8. FARM OR LEASE NAME<br><b>NINE MILE 5-7</b>                                     |                        |
| 3. ADDRESS OF OPERATOR<br><b>Route 3, Box 3630, Myton Utah 84052<br/>(435-646-3721)</b>   |  | 9. WELL NO.<br><b>NINE MILE 5-7</b>   |                        |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>SW/NW 1980 FNL 0660 FWL</b> |  | 10. FIELD AND POOL OR WILDCAT<br><br><b>UNDESIGNATED</b>                          |                        |
|   |  | 11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA<br><b>SW/NW Section 7, T09S R16E</b> |                        |
| 14. API NUMBER<br><b>43-013-31777</b>   | 15. ELEVATIONS (Show whether DP, KT, GR, etc.)<br><b>5978 GL</b> | 12. COUNTY OR PARISH<br><b>DUCHEBNE</b>   | 13. STATE<br><b>UT</b> |

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

| NOTICE OF INTENTION TO:                      |   | SUBSEQUENT REPORT OF:   |  |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>   | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>   | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/>  | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | <input type="checkbox"/>                      | (OTHER) <u>Injection Conversion</u>   | <input checked="" type="checkbox"/>      |
| (OTHER) <input type="checkbox"/>             | <input 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.)

The subject well was converted from a production to an injection well on 4/5/00. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 4482'.

18 I hereby certify that the foregoing is true and correct

SIGNED: [Signature] TITLE: District Engineer DATE: 4/11/00

(This space for Federal or State Office Use)

APPROVED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\* See Instructions On Reverse Side

WTC  
7-11-00



## SUMMARY WORKOVER REPORT

### NINE MILE 6-7

SW/NW Section 7 - T9S - R16E  
Duchesne Co., UT  
API #43-013-1777

Spud Dat 11/16/1997  
TD 5950'

Completion or Workover Rlg BASIN #1  
Injection Conversion

Report Date 04/04/2000 Day 1

Date Work Performe 04/03/2000

MIRU SU Basin #1. Pump 95 BW dwn csg @ 250 degrees & RU rod equipment. Rd pump & unseat pump. Flush rods w/40 BW @ 250 degrees. Soft seat pump & fill tbg w/10 BW. Test tbg to 3000 psi. Screw back on to rods & unseat pump. POOH w/1-1/2" x 22' poliah rod, 1 - 8' & 1 - 6' x 3/4" pony rods, 95 - 3/4" guided rods, 87 - 3/4" plain rods, 4 - 3/4" guided rods, 4 - 1-1/2" wt bars & Randy's pump, LD on trailer. RD rod equipment & RU tbg equipment. ND wellhead. TA not set. NU BOP & POOH w/tbg. TA, SN, NC, tallying out of hole. TIH w/5-1/2" bit & scraper, SN & 156 jts tbg to 4842'. POOH w/4 jts tbg, breaking & applying Liquid-O-Ring to all pin ends. EWL 145 bbls. SDFN.

Daily Cost \$3,100 Cumulative Cost \$3,100

Report Date 04/05/2000 Day 2

Date Work Performe 04/04/2000

Continue to POOH w/144 jts tbg breaking and applying Liquid-O-Ring to all pin ends. LD 4 bad jts & 8 good jts tbg. TIH w/Arrowset 1 pkr, SN w/standing valve in place & 144 jts tbg. Fill tbg w/25 BW & test tbg to 3000 psi, tbg lost 300 psi in 15 minutes, bumped pressure back up to 3000 psi w/same results. RU sandline & TIH w/overshot, retrieved standing valve. SWIFN. EWL 170 bbls.

Daily Cost \$3,000 Cumulative Cost \$8,100

Report Date 04/06/2000 Day 3

Date Work Performe 04/05/2000

Hot oil truck pumped 7 BW pad, dropped standing valve & fill tbg w/23 BW. Test tbg to 3000 psi. RD floor & ND BOP. Land tbg w/4' sub & pumped 110 BW w/pkr fluid. Set pkr @ 4482' in 16,000# tension. NU wellhead & fill csg w/1 BW, test to 1000 psi w/no leak off. RU rod equipment & RDMO SU. EWL 201 bbls.

Daily Cost \$8,900 Cumulative Cost \$15,000

Report Date 04/07/2000 Day 4

Date Work Performe 04/06/2000

On April 5, 2000 Mr. Dennis Ingram with the DOGM was notified of the Intent to perform the MIT on the subject well. On April 6, 2000 the annulus was pressured up to 1420 psi and maintained for one-half hours with no pressure loss. Mr. Dennis Ingram was unable to witness, but approved to chart and send in. MIT complete.

Daily Cost \$100 Cumulative Cost \$15,100

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

|   |  |   |                        |
|---|--|---|------------------------|
| <b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>UTU-74390</b>                           |                        |
| (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.<br>Use "APPLICATION FOR PERMIT-" for such proposals.)                    |  | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME<br><br><b>N/A</b>                           |                        |
| OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>  |  | 7. UNIT AGREEMENT NAME<br><br><b>WEST POINT (GR RVR)</b>                          |                        |
| 2. NAME OF OPERATOR<br><b>INLAND PRODUCTION COMPANY</b>   |  | 8. FARM OR LEASE NAME<br><b>NINE MILE 5-7</b>                                     |                        |
| 3. ADDRESS OF OPERATOR<br><b>Route 3, Box 3630, Myton Utah 84052<br/>(435-646-3721)</b>   |  | 9. WELL NO.<br><b>NINE MILE 5-7</b>   |                        |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>SW/NW 1980 FNL 0660 FWL</b> |  | 10. FIELD AND POOL, OR WILDCAT<br><br><b>UNDESIGNATED</b>                         |                        |
|   |  | 11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA<br><b>SW/NW Section 7, T09S R16E</b> |                        |
| 14. API NUMBER<br><b>43-013-31777</b>   | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>5978 GL</b> | 12. COUNTY OR PARISH<br><b>DUCHESNE</b>   | 13. STATE<br><b>UT</b> |

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

| NOTICE OF INTENTION TO:                       | SUBSEQUENT REPORT OF:   |
|---|---|
| TEST WATER SHUT-OFF <input type="checkbox"/>  | 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) <u>Injection Conversion</u> <input checked="" type="checkbox"/>                               |
| (OTHER) <input 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.)\*

The subject well was converted from a production to an injection well on 4/5/00. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 4482'.

**RECEIVED**  
**APR 13 2000**  
**DIVISION OF OIL, GAS AND MINING**

18 I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE District Engineer DATE 4/11/00

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\* See Instructions 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 a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**UTU-74390**

6. If Indian, Allottee or Tribe Name  
**NA**

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

8. Well Name and No.  
**NINE MILE 5-7**

9. API Well No.  
**43-013-31777**

10. Field and Pool, or Exploratory Area  
**UNDESIGNATED**

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.  
**Route 3, Box 3630, Myton Utah 84052 (435-646-3721)**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**1980 FNL 0660 FWL                      SW/NW Section 7, T09S R16E**

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

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

The subject well was placed on water injection on 4/24/00.

14. I hereby certify that the foregoing is true and correct  
Signed [Signature] Title District Engineer Date 6/7/00

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

JUN 14 2000

DIVISION OF OIL, GAS AND MINING

DOG M Form 5  
May 5, 1987

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

|  |  |  |                        |
|--|--|--|------------------------|
| 1. <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.<br>Use "APPLICATION FOR PERMIT" for such proposals.) |  | 5. LEASE DESIGNATION AND SERIAL NO.<br><b>UTU-74390</b>                              |                        |
| 2. NAME OF OPERATOR<br><b>INLAND PRODUCTION COMPANY</b>  |  | 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME<br><br><b>N/A</b>                              |                        |
| 3. ADDRESS OF OPERATOR<br><b>Route 3, Box 3630, Myton Utah 84052<br/>(435-646-3721)</b>  |  | 7. UNIT AGREEMENT NAME<br><b>WEST POINT (GR RVR)</b>                                 |                        |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*<br>See also space 17 below.)<br>At surface<br><b>SW/NW 1980 FNL 0660 FWL</b>                                  |  | 8. FARM OR LEASE NAME<br><b>NINE MILE 5-7</b>  |                        |
| 14. API NUMBER<br><b>43-013-31777</b>  |  | 9. WELL NO.<br><b>NINE MILE 5-7</b>  |                        |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)<br><b>5978 GL</b>   |  | 10. FIELD AND POOL, OR WILDCAT<br><b>UNDESIGNATED</b>                                |                        |
|  |  | 11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA<br><b>SW/NW Section 7, T09S R16E</b> |                        |
|  |  | 12. COUNTY OR PARISH<br><b>DUCHESNE</b>  | 13. STATE<br><b>UT</b> |

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

| NOTICE OF INTENTION TO:                      |   | SUBSEQUENT REPORT OF:   |  |
|--|---|---|--|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> | WATER SHUT-OFF <input type="checkbox"/>   | REPAIRING WELL <input type="checkbox"/>  |
| FRACTURE TREAT <input type="checkbox"/>      | MULTIPLE COMPLETE <input type="checkbox"/>    | FRACTURE TREATMENT <input type="checkbox"/>   | ALTERING CASING <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/>    | ABANDON* <input type="checkbox"/>             | SHOOTING OR ACIDIZING <input type="checkbox"/>  | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | <input type="checkbox"/>                      | (OTHER) <u>Packer Leak, Preform MIT.</u> <input type="checkbox"/>                                     |  |
| (OTHER) <input type="checkbox"/>             | <input 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.)\*

The subject well developed a packer leak. On 6-9-00 the packer was pulled and a new one run in place. On 6-9-00 Mr. Dennis Ingram with the DOGM was informed of the intent to do the MIT. Dennis was not able to attend however approved to chart and send in. On 6-12-00 the casing was pressured up to 1100 psi and charted for 30 minutes with no leak off.

Inland is requesting permission to commence injection.

18 I hereby certify that the foregoing is true and correct

|                        |                                 |                     |
|------------------------|---------------------------------|---------------------|
| SIGNED <u>Rod Bird</u> | TITLE <u>Production Foreman</u> | DATE <u>6/12/00</u> |
|------------------------|---------------------------------|---------------------|

(This space for Federal or State office use)

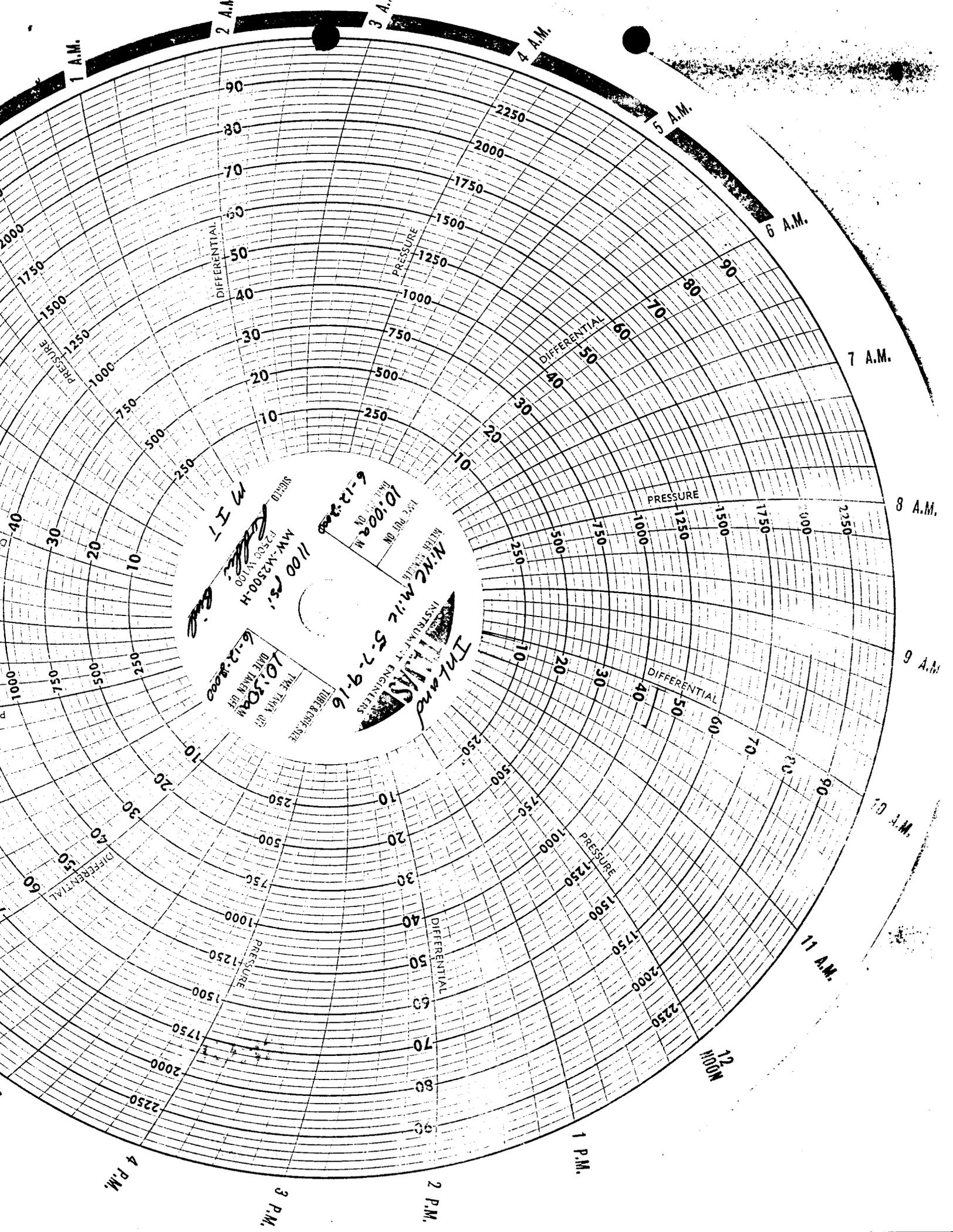
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

COPY SENT TO OPERATOR  
DATE: 6-19-00  
BY: CHD

\* See Instructions On Reverse Side

Approved by the  
Utah Division of  
Oil, Gas and Mining  
Date: 6/15/00  
By: [Signature]



RECEIVED

Mechanical Integrity Test  
Casing or Annulus Pressure Test

JUN 14 2000

DIVISION OF  
OIL, GAS AND MINING

Inland Production Company

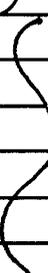
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 6/12/00 Time 10:00 am pm

Test Conducted by: Reddie Bird

Others Present: \_\_\_\_\_

Well: NINE MILE 5-7-9-16 Field: WEST POINT  
Well Location: SW/NW SEC 7, T09S, R16E API No: 43-013-31777  
Duchesne CO Utah.

| Time   | Casing Pressure   |      |
|--------|---|------|
| 0 min  | <u>1100</u>   | psig |
| 5      | <u>1100</u>   | psig |
| 10     | <u>1100</u>   | psig |
| 15     | <u>1100</u>   | psig |
| 20     | <u>1100</u>   | psig |
| 25     | <u>1100</u>   | psig |
| 30 min | <u>1100</u>   | psig |
| 35     |  | psig |
| 40     |   | psig |
| 45     |   | psig |
| 50     |   | psig |
| 55     |   | psig |
| 60 min |   | psig |

Tubing pressure: 250 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Reddie Bird



## 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 1<sup>st</sup> 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  |       |        |



# 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

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<br>See Attached List |              | API Number                              |
| Location of Well                          |              | Field or Unit Name<br>See Attached List |
| Footage :                                 | County :     | Lease Designation and Number            |
| QQ, Section, Township, Range:             | State : UTAH |   |

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

|   |                                       |
|---|---------------------------------------|
| Company: <u>Inland Production Company</u>           | Name: <u>Brian Harris</u>             |
| Address: <u>1401 17th Street Suite 1000</u>         | Signature: <u><i>Brian Harris</i></u> |
| city <u>Denver</u> state <u>Co</u> zip <u>80202</u> | Title: <u>Engineering Tech.</u>       |
| Phone: <u>(303) 893-0102</u>                        | Date: <u>9/15/2004</u>                |
| Comments:   |                                       |

NEW OPERATOR

|   |                                       |
|---|---------------------------------------|
| Company: <u>Newfield Production Company</u>         | Name: <u>Brian Harris</u>             |
| Address: <u>1401 17th Street Suite 1000</u>         | Signature: <u><i>Brian Harris</i></u> |
| city <u>Denver</u> state <u>Co</u> zip <u>80202</u> | Title: <u>Engineering Tech.</u>       |
| Phone: _____  | Date: <u>9/15/2004</u>                |
| Comments:   |                                       |

(This space for State use only)

Transfer approved by: *A. Hunt* Approval Date: 9-20-04  
Title: Perk. 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:  |  | <b>9/1/2004</b>                 |
| <b>FROM: (Old Operator):</b><br>N5160-Inland Production Company<br>Route 3 Box 3630<br>Myton, UT 84052<br>Phone: 1-(435) 646-3721 | <b>TO: ( New Operator):</b><br>N2695-Newfield Production Company<br>Route 3 Box 3630<br>Myton, UT 84052<br>Phone: 1-(435) 646-3721 |                                 |
| <b>CA No.</b>   | <b>Unit:</b>   | <b>WEST POINT (GREEN RIVER)</b> |

| <b>WELL(S)</b>            |     |      |      |            |           |            |           |             |
|---------------------------|-----|------|------|------------|-----------|------------|-----------|-------------|
| 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

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

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

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

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

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

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

**DATA ENTRY:**

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

**FEDERAL WELL(S) BOND VERIFICATION:**

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

**INDIAN WELL(S) BOND VERIFICATION:**

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

**FEE & STATE WELL(S) BOND VERIFICATION:**

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU74390

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:  
WEST POINT UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER Injection well

8. WELL NAME and NUMBER:  
NINE MILE 5-7

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301331777

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

PHONE NUMBER  
435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
Monument Butte

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1980 FNL 0660 FWL  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/NW, 7, T9S, R16E

COUNTY: Duchesne  
STATE: Utah

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

| TYPE OF SUBMISSION  | TYPE OF ACTION  |   |   |
|---|---|---|---|
|   | SubDate   | TYPE OF ACTION  |   |
| <input type="checkbox"/> NOTICE OF INTENT<br>(Submit in Duplicate)<br>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<br>(Submit Original Form Only)<br>Date of Work Completion: 06/10/2005 | <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: - 5 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 6-6-05 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 6-10-05. On 6-10-05 the csg was pressured up to 1150 psig and charted for 30 minutes with 0 psi pressure loss. The well was injecting during the test. The tbg pressure was 1960 psig during the test. There was not a State representative available to witness the test. API# 43-013-31777.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**  
Date: 06-15-05  
By: [Signature]

COPY SENT TO OPERATOR  
DATE: 6-12-05  
INITIALS: [Signature]

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager  
SIGNATURE [Signature] DATE 06/13/2005

(This space for State use only)

**RECEIVED**  
**JUN 15 2005**  
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: \_\_\_\_\_ Date 6/10/05 Time 11:00 ampm

Test Conducted by: Matthew Berbach

Others Present: \_\_\_\_\_

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| Well: Nine Mile Federal 5-7-9-16    | Field: West Point Unit 470-77107X |
| Well Location: SW/NW Sec 7 T9S R14E | API No: 43-013-31777              |

| 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: 1960 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: \_\_\_\_\_



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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-74390

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL:      OIL WELL       GAS WELL       OTHER

8. WELL NAME and NUMBER:  
NINE MILE 5-7

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301331777

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

10. FIELD AND POOL, OR WILDCAT:  
GREATER MB UNIT

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 1980 FNL 660 FWL  
  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 7, T9S, 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<br>(Submit in Duplicate)<br><br>Approximate date work will<br><br>_____                      | <input type="checkbox"/> ACIDIZE<br><input type="checkbox"/> ALTER CASING<br><input type="checkbox"/> CASING REPAIR<br><input type="checkbox"/> CHANGE TO PREVIOUS PLANS<br><input type="checkbox"/> CHANGE TUBING<br><input type="checkbox"/> CHANGE WELL NAME<br><input type="checkbox"/> CHANGE WELL STATUS<br><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS<br><input type="checkbox"/> CONVERT WELL TYPE | <input type="checkbox"/> DEEPEN<br><input type="checkbox"/> FRACTURE TREAT<br><input type="checkbox"/> NEW CONSTRUCTION<br><input type="checkbox"/> OPERATOR CHANGE<br><input type="checkbox"/> PLUG AND ABANDON<br><input type="checkbox"/> PLUG BACK<br><input type="checkbox"/> PRODUCTION (START/STOP)<br><input type="checkbox"/> RECLAMATION OF WELL SITE<br><input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION | <input type="checkbox"/> REPERFORATE CURRENT FORMATION<br><input type="checkbox"/> SIDETRACK TO REPAIR WELL<br><input type="checkbox"/> TEMPORARITLY ABANDON<br><input type="checkbox"/> TUBING REPAIR<br><input type="checkbox"/> VENT OR FLAIR<br><input type="checkbox"/> WATER DISPOSAL<br><input type="checkbox"/> WATER SHUT-OFF<br><input checked="" type="checkbox"/> OTHER: - Five Year MIT |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>(Submit Original Form Only)<br><br>Date of Work Completion:<br><br>05/12/2010 |   |  |  |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 05/11/2010 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 05/11/2010. On 05/12/2010 the casing was pressured up to 1560 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1855 psig during the test. There was not a State representative available to witness the test.

API# 43-013-31777

NAME (PLEASE PRINT) Lucy Chavez-Naupoto      TITLE Administrative Assistant

SIGNATURE       DATE 05/13/2010

(This space for State use only)

**RECEIVED**  
**MAY 18 2010**  
**DIV. OF OIL, GAS & MINING**

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 5/12/10 Time 10:00 (am)pm

Test Conducted by: Cole Harris

Others Present: \_\_\_\_\_

Well: Nine Mile Federal 5-7-9-16

Field: Monument Butte

Well Location: SW/NW Sec 7-T9S-R16E

API No: 43-013-31777

| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1560</u>            | psig |
| 5           | <u>1560</u>            | psig |
| 10          | <u>1560</u>            | psig |
| 15          | <u>1560</u>            | psig |
| 20          | <u>1560</u>            | psig |
| 25          | <u>1560</u>            | psig |
| 30 min      | <u>1560</u>            | psig |
| 35          | _____                  | psig |
| 40          | _____                  | psig |
| 45          | _____                  | psig |
| 50          | _____                  | psig |
| 55          | _____                  | psig |
| 60 min      | _____                  | psig |

Tubing pressure: 1855 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Cole Harris

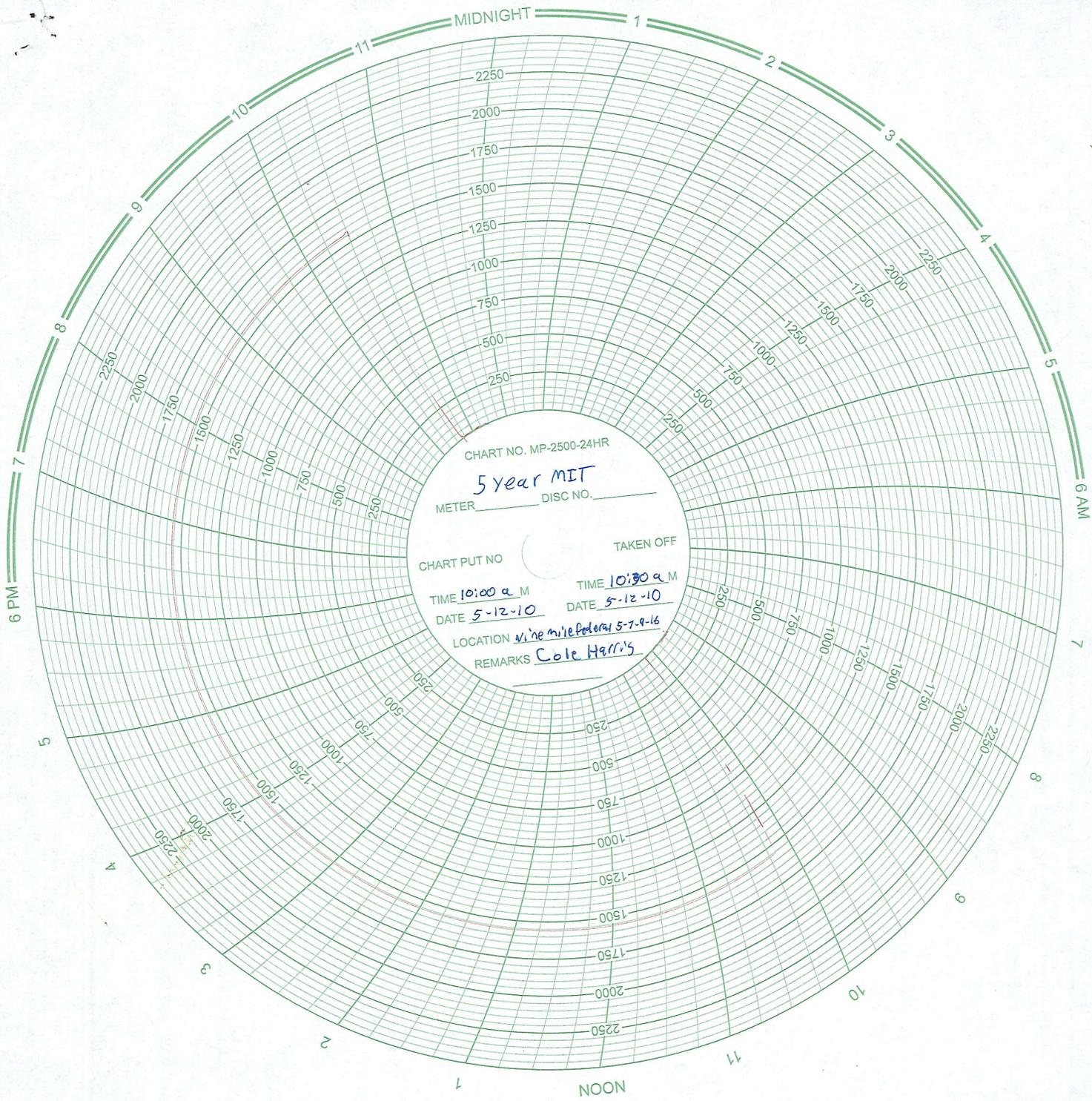


CHART NO. MP-2500-24HR  
**5 year MIT**  
METER \_\_\_\_\_ DISC NO. \_\_\_\_\_

CHART PUT NO \_\_\_\_\_ TAKEN OFF \_\_\_\_\_  
TIME **10:00 a M** TIME **10:30 a M**  
DATE **5-12-10** DATE **5-12-10**  
LOCATION **nine mile tower 5-7-9-16**  
REMARKS **Cole Harris**

|  |  |   |
|--|--|---|
| <b>STATE OF UTAH</b><br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS, AND MINING  |  | FORM 9  |
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br><br>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. |  | <b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b><br>UTU-74390 |
|  |  | <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>                |
| <b>1. TYPE OF WELL</b><br>Water Injection Well   |  | <b>7. UNIT or CA AGREEMENT NAME:</b><br>GMBU (GRRV)         |
| <b>2. NAME OF OPERATOR:</b><br>NEWFIELD PRODUCTION COMPANY   |  | <b>8. WELL NAME and NUMBER:</b><br>NINE MILE 5-7            |
| <b>3. ADDRESS OF OPERATOR:</b><br>Rt 3 Box 3630 , Myton, UT, 84052   |  | <b>9. API NUMBER:</b><br>43013317770000                     |
| <b>PHONE NUMBER:</b><br>435 646-4825 Ext   |  | <b>9. FIELD and POOL or WILDCAT:</b><br>MONUMENT BUTTE      |
| <b>4. LOCATION OF WELL</b><br><b>FOOTAGES AT SURFACE:</b><br>1980 FNL 0660 FWL<br><b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b><br>Qtr/Qtr: SWNW Section: 07 Township: 09.0S Range: 16.0E Meridian: S  |  | <b>COUNTY:</b><br>DUCHESNE                                  |
|  |  | <b>STATE:</b><br>UTAH                                       |

11.

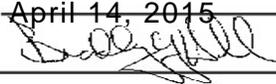
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION  | TYPE OF ACTION   |   |   |
|---|--|---|---|
| <input type="checkbox"/> NOTICE OF INTENT<br>Approximate date work will start:                | <input type="checkbox"/> ACIDIZE                       | <input type="checkbox"/> ALTER CASING                   | <input type="checkbox"/> CASING REPAIR                  |
| <input checked="" type="checkbox"/> SUBSEQUENT REPORT<br>Date of Work Completion:<br>4/9/2015 | <input type="checkbox"/> CHANGE TO PREVIOUS PLANS      | <input type="checkbox"/> CHANGE TUBING                  | <input type="checkbox"/> CHANGE WELL NAME               |
| <input type="checkbox"/> SPUD REPORT<br>Date of Spud:   | <input type="checkbox"/> CHANGE WELL STATUS            | <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS | <input type="checkbox"/> CONVERT WELL TYPE              |
| <input type="checkbox"/> DRILLING REPORT<br>Report Date:                                      | <input type="checkbox"/> DEEPEN                        | <input type="checkbox"/> FRACTURE TREAT                 | <input type="checkbox"/> NEW CONSTRUCTION               |
|   | <input type="checkbox"/> OPERATOR CHANGE               | <input type="checkbox"/> PLUG AND ABANDON               | <input type="checkbox"/> PLUG BACK                      |
|   | <input type="checkbox"/> PRODUCTION START OR RESUME    | <input type="checkbox"/> RECLAMATION OF WELL SITE       | <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION |
|   | <input type="checkbox"/> REPERFORATE CURRENT FORMATION | <input type="checkbox"/> SIDETRACK TO REPAIR WELL       | <input type="checkbox"/> TEMPORARY ABANDON              |
|   | <input type="checkbox"/> TUBING REPAIR                 | <input type="checkbox"/> VENT OR FLARE                  | <input type="checkbox"/> WATER DISPOSAL                 |
|   | <input type="checkbox"/> WATER SHUTOFF                 | <input type="checkbox"/> SI TA STATUS EXTENSION         | <input type="checkbox"/> APD EXTENSION                  |
|   | <input type="checkbox"/> WILDCAT WELL DETERMINATION    | <input checked="" type="checkbox"/> OTHER               | OTHER: <input type="text" value="5 YR MIT"/>            |

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 04/06/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 04/09/2015 the casing was pressured up to 1165 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1471 psig during the test. There was not a State representative available to witness the test.

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

Date: April 14, 2015  
By: 

|   |                                     |   |
|---|-------------------------------------|---|
| <b>NAME (PLEASE PRINT)</b><br>Lucy Chavez-Naupoto | <b>PHONE NUMBER</b><br>435 646-4874 | <b>TITLE</b><br>Water Services Technician |
| <b>SIGNATURE</b><br>N/A                           | <b>DATE</b><br>4/13/2015            |   |

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: \_\_\_\_\_ Date 4/19/15 Time 8:00  am  pm

Test Conducted by: Britt Jensen

Others Present: \_\_\_\_\_

Well: Nine Mile 5-7-9-16 Field: Monument Butte  
Well Location: SW/WW Sec. 7, T9S, R16E API No: 43-013-31777

5 Year MIT

| <u>Time</u> | <u>Casing Pressure</u> |      |
|-------------|------------------------|------|
| 0 min       | <u>1165</u>            | psig |
| 5           | <u>1165</u>            | psig |
| 10          | <u>1165</u>            | psig |
| 15          | <u>1165</u>            | psig |
| 20          | <u>1165</u>            | psig |
| 25          | <u>1165</u>            | psig |
| 30 min      | <u>1165</u>            | psig |
| 35          | _____                  | psig |
| 40          | _____                  | psig |
| 45          | _____                  | psig |
| 50          | _____                  | psig |
| 55          | _____                  | psig |
| 60 min      | _____                  | psig |

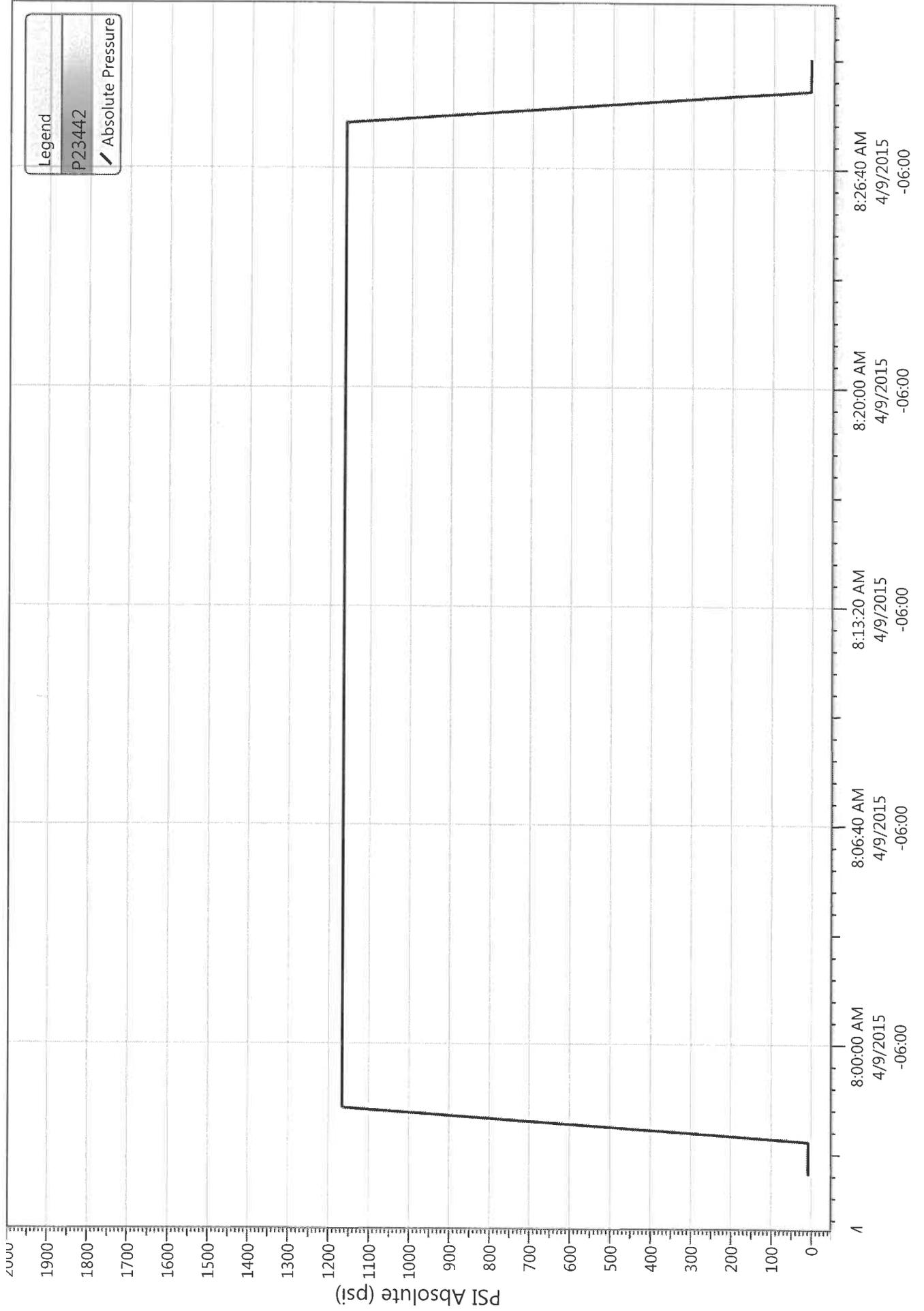
Tubing pressure: 1471 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: [Signature]

Nine Mile 5 7-9-16 (5 year MIT)  
4/9/2015 7:50:35 AM



# Nine Mile 5-7-9-16

Spud Date: 11 16 97  
 Put on Production: 11 23 97  
 GL: 5978' KB: 5990'

Initial Production: 92 BOPD.  
 140 MCFPD, 5 BWPD

## SURFACE CASING

CSG SIZE: 8-5 8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 287.97'  
 DEPTH LANDED: 288.64'  
 HOLE SIZE: 12-1 4"  
 CEMENT DATA: 120 svs Premium cmt, est 7 bbls to surf.

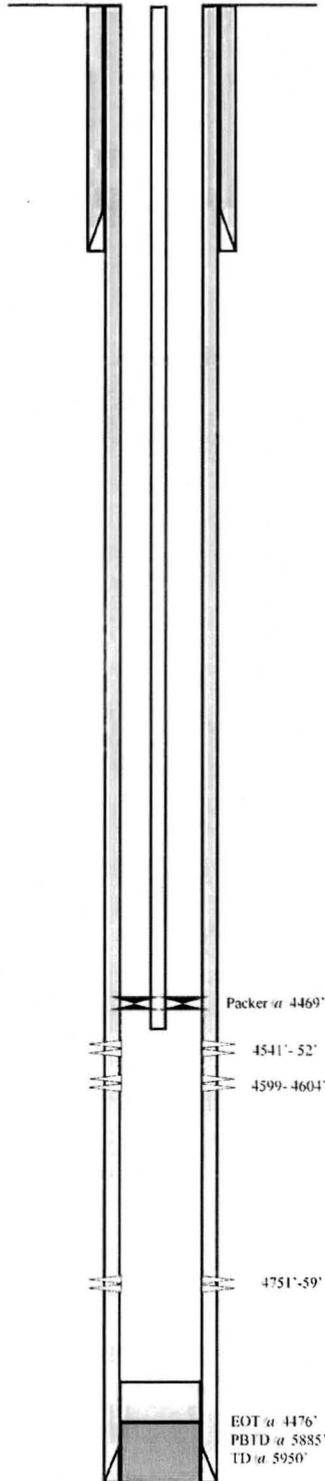
## PRODUCTION CASING

CSG SIZE: 5-1 2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts. (5930')  
 DEPTH LANDED: 5942'  
 HOLE SIZE: 7-7 8"  
 CEMENT DATA: 395 sks Hibond mixed & 360 sks thixotropic  
 CEMENT TOP AT:

## TUBING

SIZE GRADE WT.: 2-7 8" M-50 6.5#  
 NO. OF JOINTS: 144 jts (4467.9')  
 SN LANDED AT: 4467.9'  
 CE @ 4469'  
 TOTAL STRING LENGTH: 4476'

Injection Wellbore  
 Diagram



## FRAC JOB

12/23/97 4751'-4759' **Frac YDC sand as follows:**  
 104,300# of 20-40 sd in 513 bbls  
 Boragel. Treated @ avg rate 26.3 bpm.  
 avg press 2000 psi. ISIP-1998 psi. 5-min  
 1865 psi. Flowback for 3-1 2hrs.

12/24/97 4541'-4604' **Frac PB sand as follows:** 60,300#  
 of 20-40 sd in 340 bbls Delta Frac.  
 Breakdown @ 2260 psi. Treated @ avg  
 rate of 24, avg press 1850 psi. ISIP- 2445  
 psi. 5-min 2304 psi. Flowback on 12.64"  
 ck for 3 hrs & died.

04/04/00 **Convert to Injection well**  
 04/06/00 **Conversion MIT Finalized**  
 06/12/00 **Workover - Packer leak MIT Completed**  
 06/10/05 **5 yr MIT**  
 05/12/10 **5 yr MIT**

## PERFORATION RECORD

|          |             |        |          |
|----------|-------------|--------|----------|
| 12 20 97 | 4751'-4759' | 4 JSPF | 32 holes |
| 12 24 97 | 4541'-4552' | 4 JSPF | 44 holes |
| 12 24 97 | 4599'-4604' | 4 JSPF | 20 holes |

**NEWFIELD**



**Nine Mile 5-7-9-16**  
 1980 FNL 660 FWL  
 SWNW Section 7-T9S-R16E  
 Duchesne Co, Utah  
 API # 43-013-31777; Lease # UTU-74390