



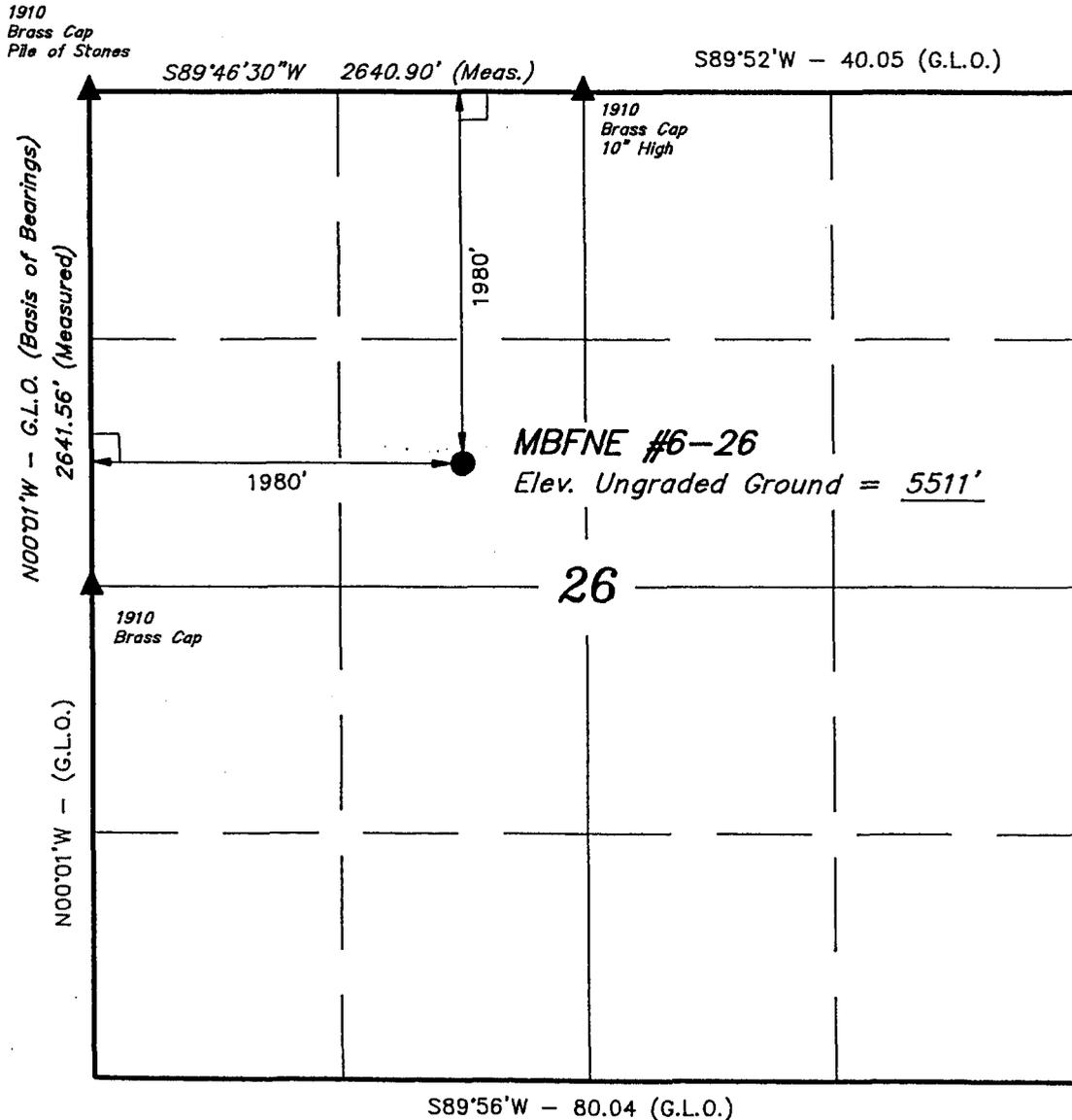
INLAND PRODUCTION CO.

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

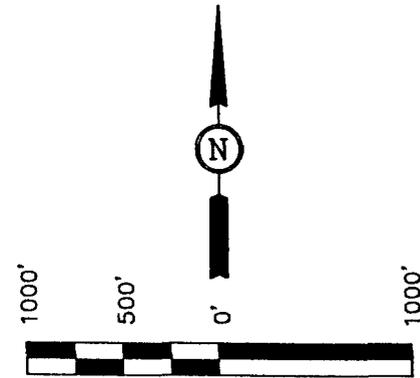
Well location, MBFNE #6-26, located as shown in the SE 1/4 NW 1/4 of Section 26, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 26, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5501 FEET.



N00°01'W - (G.L.O.)



SCALE

CERTIFICATE

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

*Robert L. Hay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 161319  
 STATE OF UTAH

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-20-96	DATE DRAWN: 12-2-96
PARTY J.F. D.K. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

**INLAND PRODUCTION COMPANY  
MONUMENT BUTTE FEDERAL NE #6-26  
SE/NW SECTION 26, T8S, 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 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)

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.

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 second quarter of 1997, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY  
MONUMENT BUTTE FEDERAL NE #6-26  
SE/NW SECTION 26, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT WELL PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Monument Butte Federal NE #6-26 located in the SE 1/4 NW 1/4 Section 26, T8S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 6.3 miles to its junction with an existing dirt road to the southwest; proceed southwesterly along this road 1.9 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**

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the SE1/4 NW 1/4 Section 26, T8S, R16E, S.L.B. & M., and proceeds in a southeasterly direction approximately .1 mile  $\pm$ , to the proposed location site.

The proposed access road will be 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%.

**MONUMENT BUTTE FEDERAL NE #6-26**

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**

There are fourteen (14) producing , three (3) injection, wells, and one (1) P & A Inland Production wells, and one unknown P & A well, within a one (1) mile radius of this location. See 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 Monument Butte Federal NE #6-26.

Existing water for this well will be 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 30 X 6' 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.

There will be no flare pit on this well.

The stockpiled topsoil (first six (6) inches) will be windrowed on the northeast, between stakes 2 & 8.

Access to the well pad will be from the north corner, between stakes 7 & 8.

**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 will be submitted, as soon as it becomes available.

Inland Production Company requests that a pipeline ROW be granted to the Monument Butte Federal NE #6-26, from the Monument Butte Federal NE #2-26, for a 3" poly gas line and a 2" poly return line. Both lines will be run on surface, adjacent to road-way.  
See Exhibit "G".

***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 the Monument Butte Federal NE #6-26 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 Monument Butte Federal NE #6-26, 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: Brad Mecham  
Address: P.O. Box 1446 Roosevelt, Utah 84066  
Telephone: (801) 722-5103

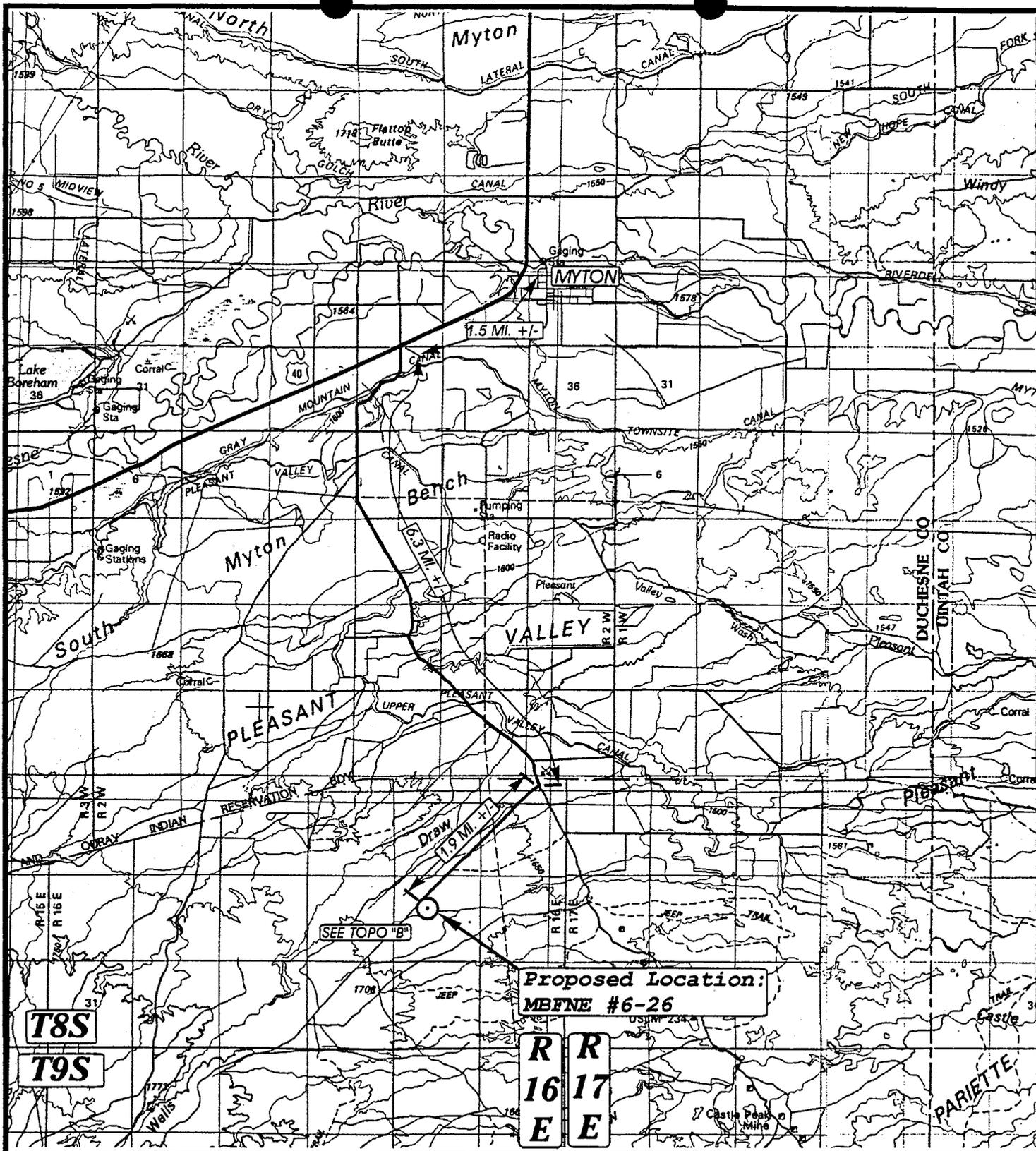
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #6-26 SE/NW Section 26, Township 8S, Range 16E: Lease #U-73088 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.

12-13-96  
Date

  
\_\_\_\_\_  
Brad Mecham  
District Manager



Proposed Location:  
MBFNE #6-26

T8S  
T9S

R R  
16 17  
E E

UELS

TOPOGRAPHIC  
MAP "A"

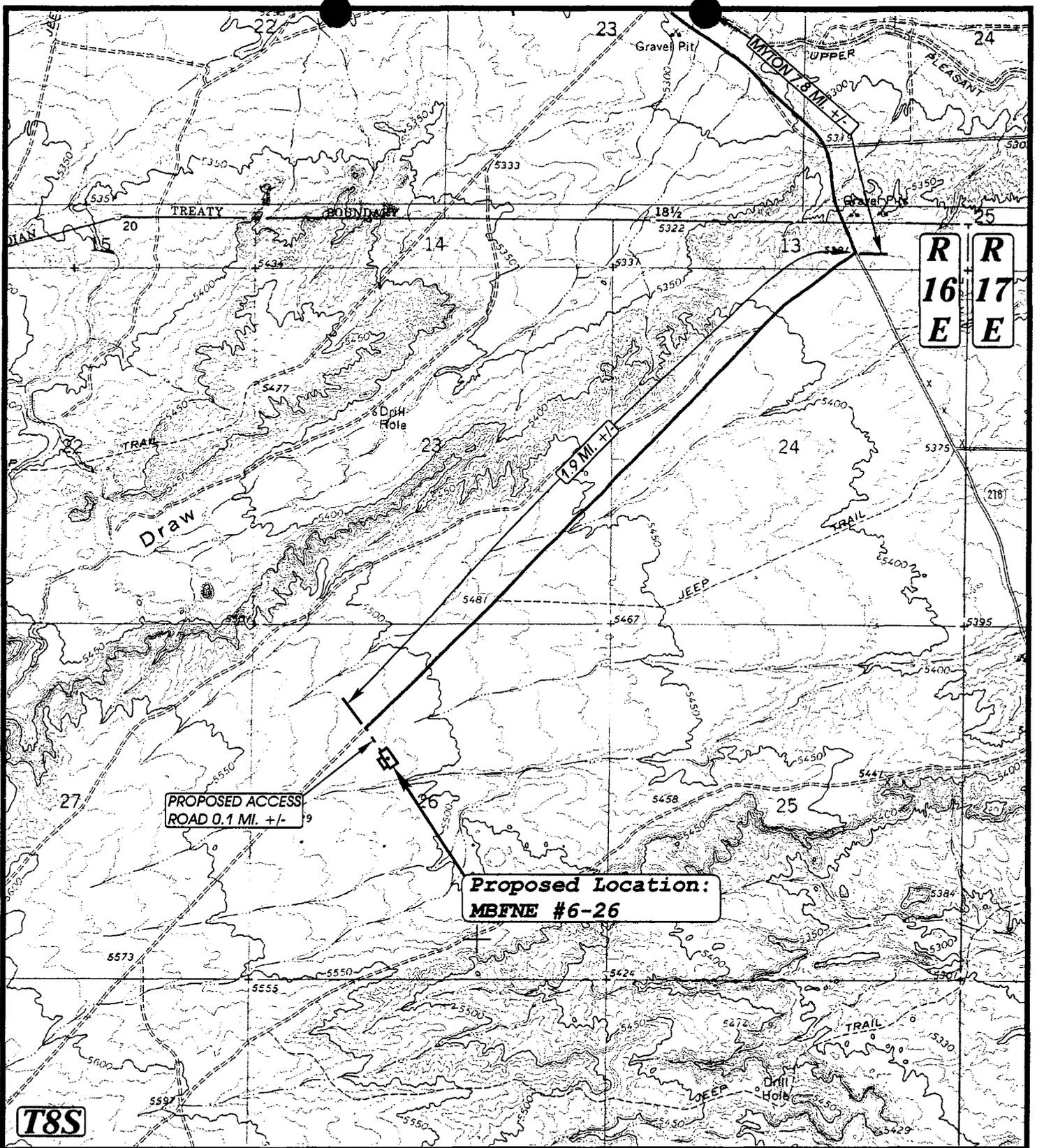
DATE: 12-02-96  
Drawn by: D.COX



INLAND PRODUCTION CO.

MBFNE #6-26  
SECTION 26, T8S, R16E, S.L.B.&M.  
1980' FNL 1980' FWL

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



**T8S**

**TOPOGRAPHIC  
MAP "B"**

**DATE: 12-2-96  
Drawn by: D.COX**

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



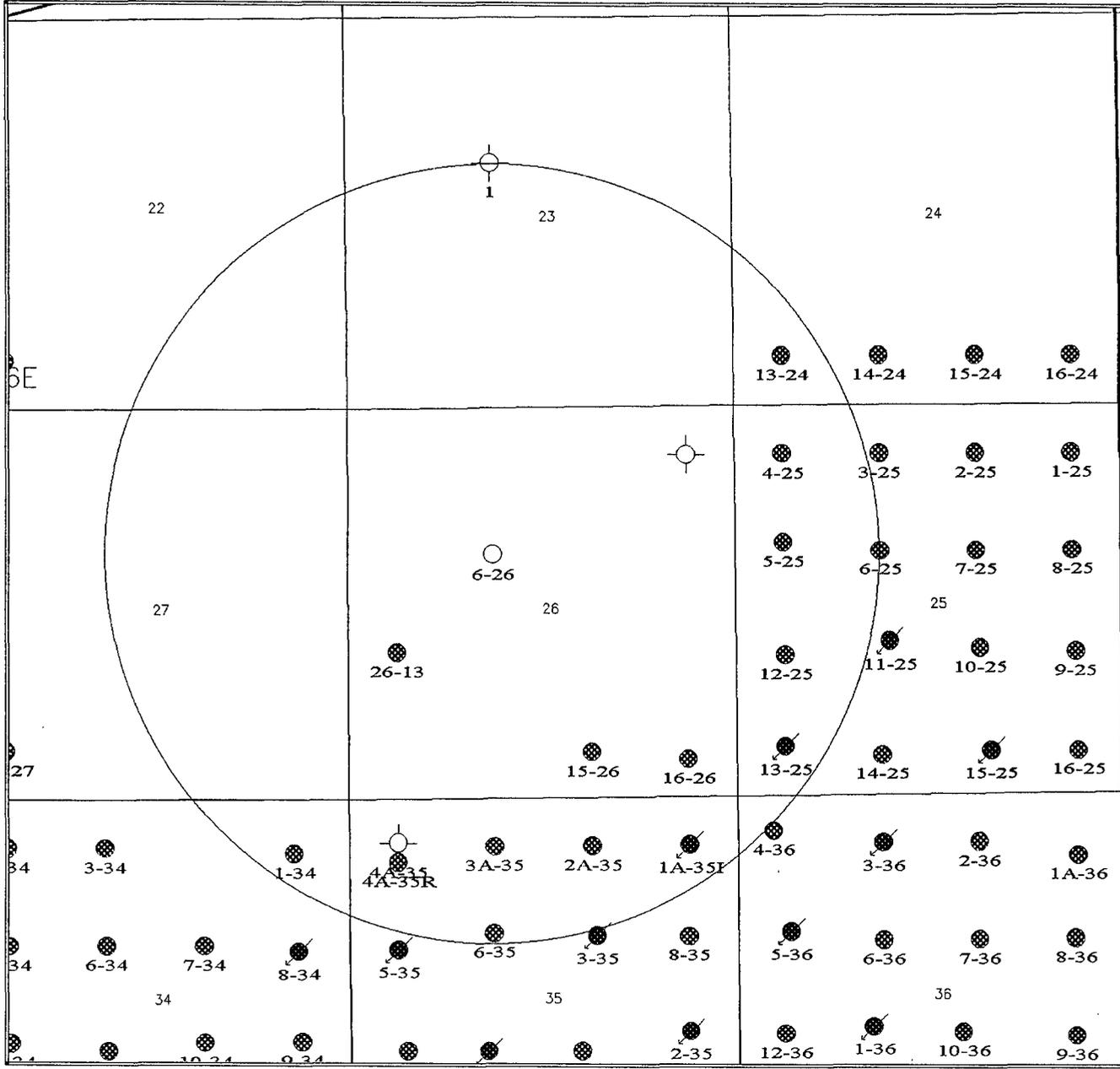
**SCALE: 1" = 2000'**

**INLAND PRODUCTION CO.**

**MBFNE #6-26  
SECTION 26, T8S, R16E, S.L.B.&M.  
1980' FNL 1980' FWL**



EXHIBIT "D"



**Inland**  
RESOURCES INC.

475 17<sup>th</sup> Street, Suite 1500  
Denver, Colorado 80202  
Phone: (303)-292-0900

**One Mile Radius**  
Monument Butte Federal #6-26  
Duchesne County, Utah

Date 12/5/96 J.A.

INLAND PRODUCTION CO.

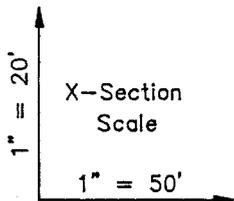
TYPICAL CROSS SECTIONS FOR

MBFNE #6-26

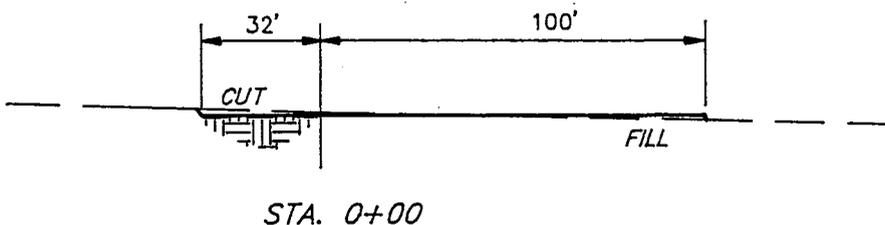
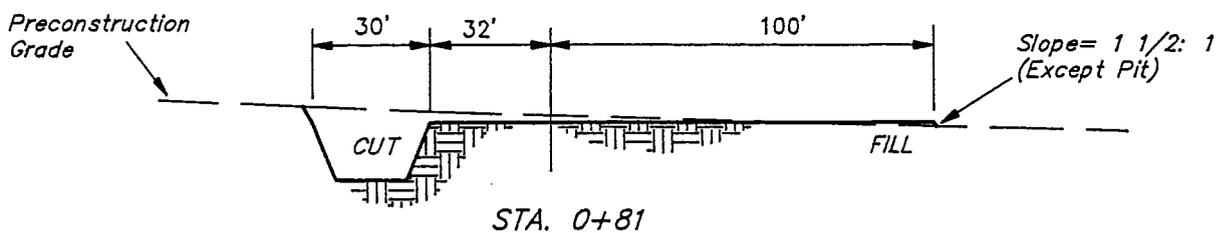
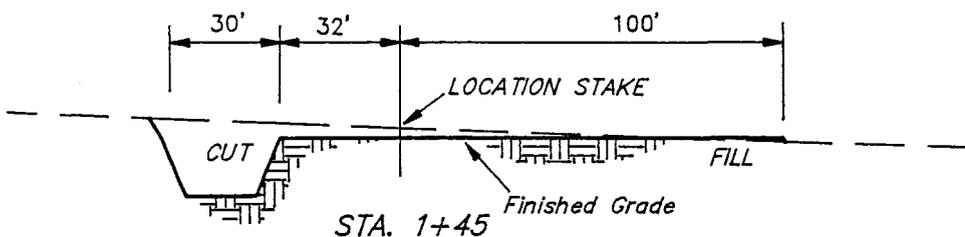
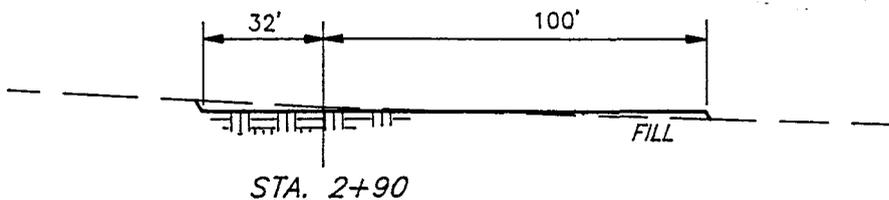
SECTION 26, T8S, R16E, S.L.B.&M.

1980' FNL 1980' FWL

*Handwritten signature*



DATE: 12-02-96  
Drawn By: D.R.B.



APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	= 750	Cu. Yds.
Remaining Location	= 690	Cu. Yds.
<b>TOTAL CUT</b>	<b>= 1,440</b>	<b>CU.YDS.</b>
<b>FILL</b>	<b>= 470</b>	<b>CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 950	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 950	Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 0	Cu. Yds.

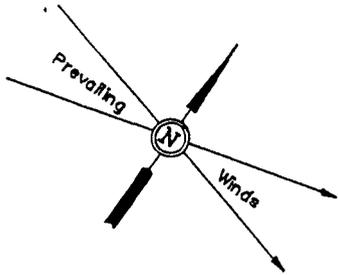
UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

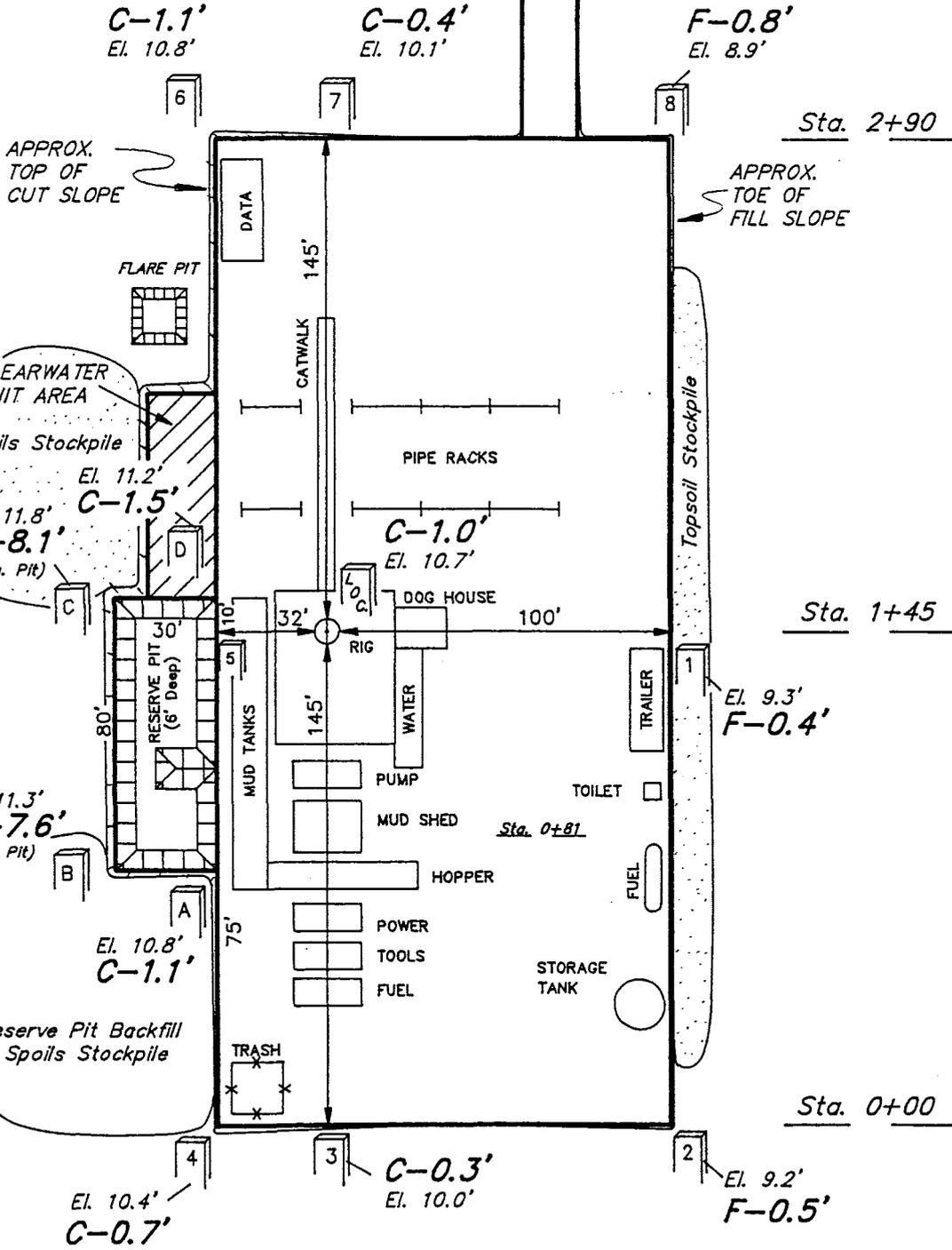
MBFNE #6-26  
SECTION 26, T8S, R16E, S.L.B.&M.  
1980' FNL 1980' FWL

*Handwritten signature*



SCALE: 1" = 50'  
DATE: 12-02-96  
Drawn By: D.R.B.

Proposed Access Road



**NOTE:**

FLARE PIT IS TO BE LOCATED A MINIMUM OF 125' FROM THE WELL HEAD.

NOTE:  
PIT CAPACITY WITH 2' OF FREEBOARD = 1,010 Bbls.

Elev. Ungraded Ground at Location Stake = 5510.7'  
Elev. Graded Ground at Location Stake = 5509.7'

RAM TYPE B.O.P.

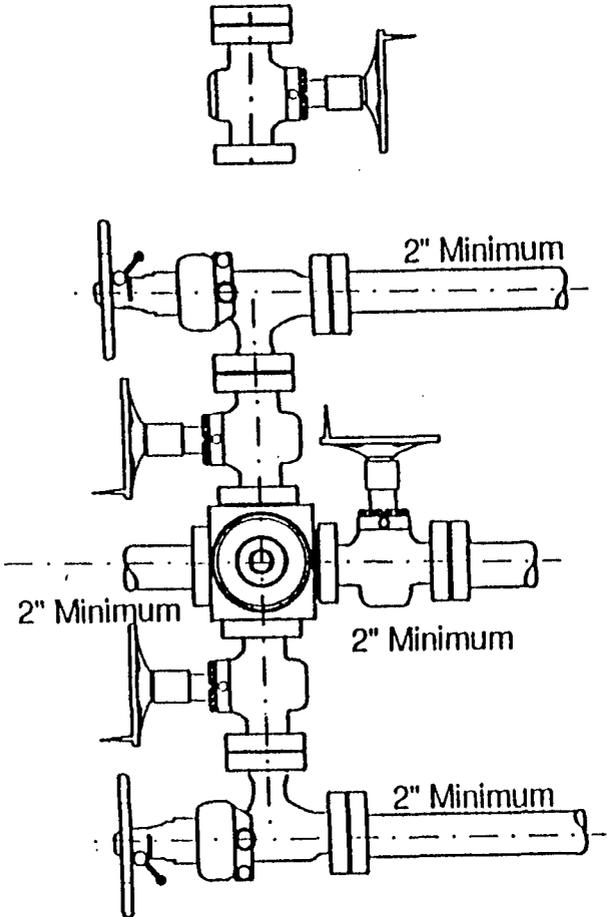
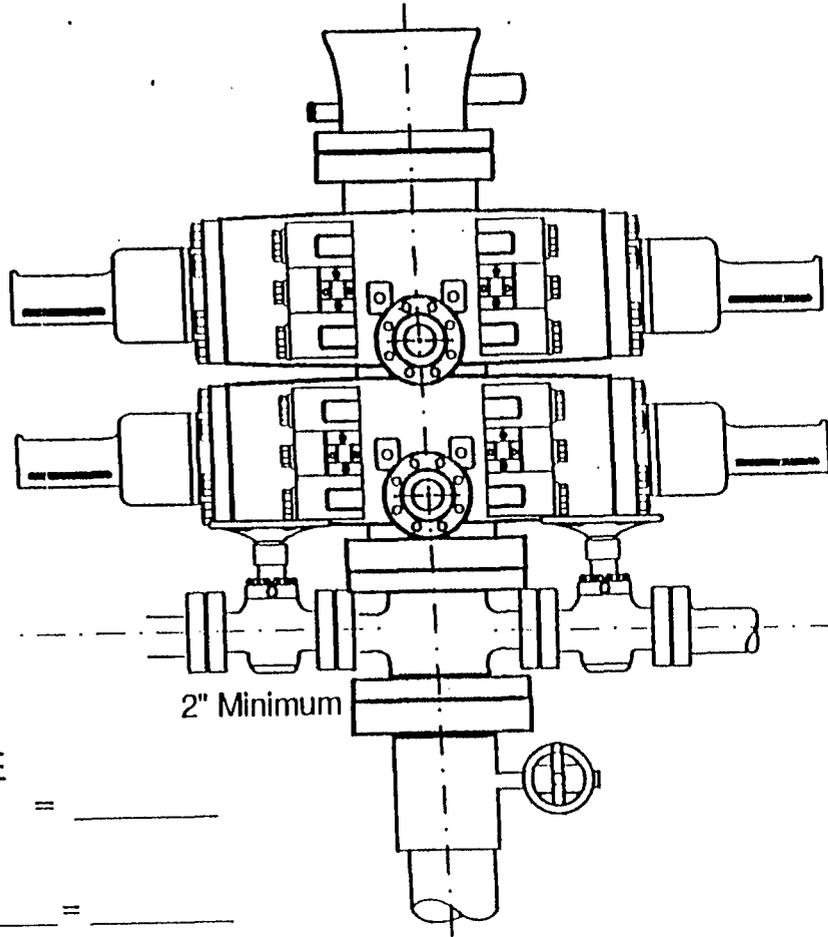
Make:

Size:

Model:

# 2-M SYSTEM

EXHIBIT F



GAL TO CLOSE

Annular BOP = \_\_\_\_\_

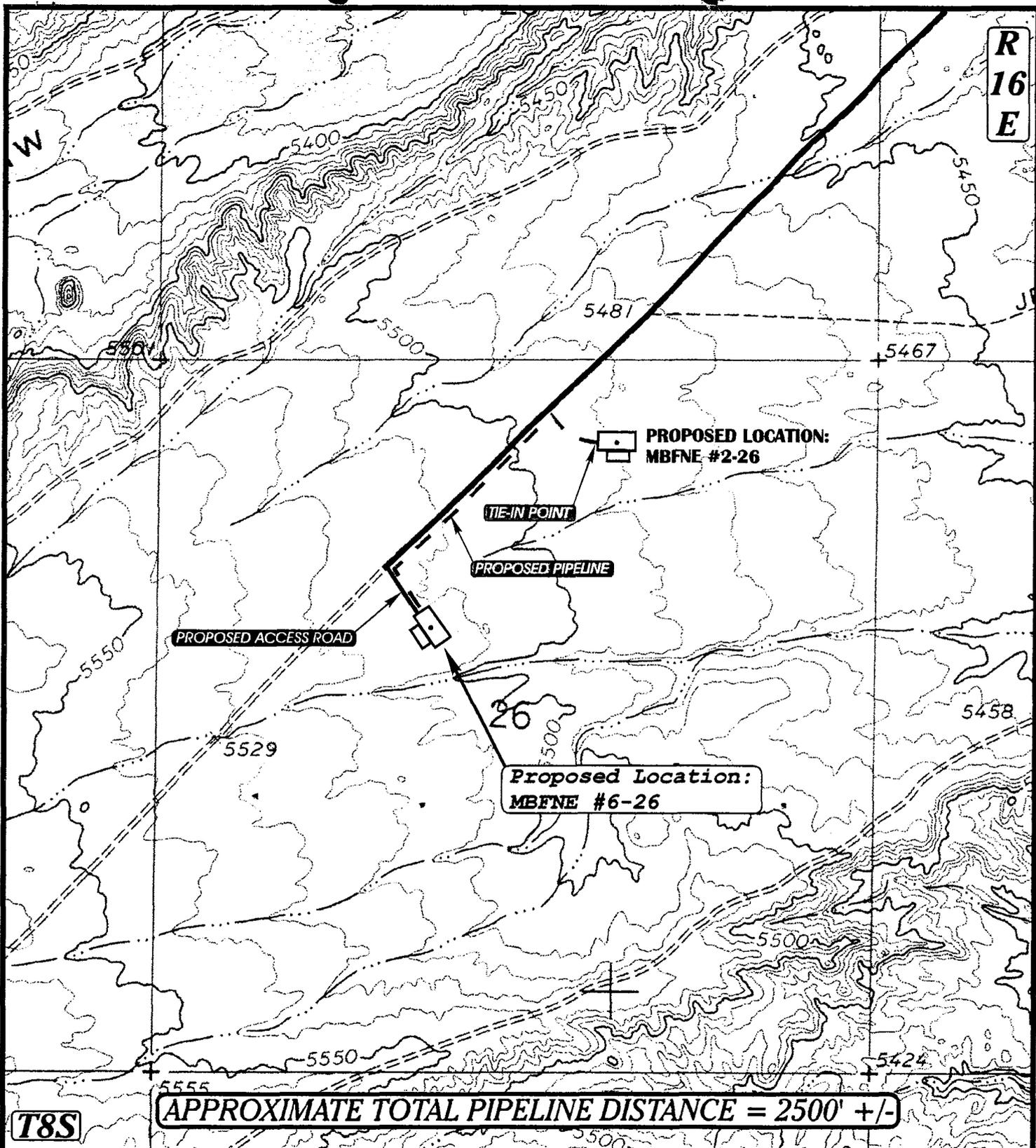
Ramtype BOP \_\_\_\_\_

\_\_\_\_\_ Rams x \_\_\_\_\_ = \_\_\_\_\_

= \_\_\_\_\_ Gal.

\_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

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



**T8S**

**APPROXIMATE TOTAL PIPELINE DISTANCE = 2500' +/-**

**TOPOGRAPHIC  
MAP "G"**

**UEI<sub>LS</sub>**

- Existing Pipeline
- - - Proposed Pipeline



**INLAND PRODUCTION CO.**  
**MBFNE #6-26**  
**SECTION 26, T8S, R16E, S.L.B.&M.**

**DATE: 12-2-96**  
**Drawn by: D.COX**

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

**SCALE: 1" = 1000'**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/03/97

API NO. ASSIGNED: 43-013-31770

WELL NAME: MBFNE 6-26  
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:  
 SENW 26 - T08S - R16E  
 SURFACE: 1980-FNL-1980-FWL  
 BOTTOM: 1980-FNL-1980-FWL  
 DUCHESNE COUNTY  
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED  
 LEASE NUMBER: U-73088

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Federal  State  Fee   
 (Number \_\_\_\_\_)  
 Potash (Y/N)  
 Oil shale (Y/N)  
 Water permit  
 (Number 3160-013-31770)  
 RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

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

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

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

5. LEASE DESIGNATION AND SERIAL NO.  
**U-73088**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK **DRILL**  **DEEPEN**   
 1b. TYPE OF WELL  
 OIL WELL  **GAS** WELL  **SINGLE** ZONE  **MULTIPLE** ZONE   
 WELL  **OTHER**  ZONE  ZONE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**MBFNE**

2. NAME OF OPERATOR  
**Inland Production Company**

9. WELL NO.  
**#6-26**

3. ADDRESS OF OPERATOR  
**P.O. Box 790233 Vernal, UT 84079** Phone: **(801) 789-1866**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At Surface **SE/NW**  
 At proposed Prod. Zone **1980' FNL & 1980' FWL**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 26, T8S, R16E**

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

12. County **Duchesne** 13. STATE **UT**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**1980'**

16. NO. OF ACRES IN LEASE  
**1198.94**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.  
**1316'**

19. PROPOSED DEPTH  
**6500'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5509.7' GR**

22. APPROX. DATE WORK WILL START\*  
**2nd quarter 1997**

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	120 sx Prem +, 2% CaCl & 2% Gel
7 7/8	5 1/2	15.5#	TD	400 sx Hybond followed by 330 sx
				Thixo w/ 10% CaCl

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

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 Brad Mechem TITLE District Manager DATE 12/10/96

(This space for Federal or State office use)  
 PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 Application approval 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.  
 CONDITIONS OF APPROVAL IF ANY:  
Assistant Field Manager  
Mineral Resources  
**FEB 28 1997**

**NOTICE OF APPROVAL**

**\*See Instructions On Reverse Side**

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

**CONDITIONS OF APPROVAL ATTACHED**

DOG M  
U7080-7100-093

Well No.: Monument Butte Federal Northeast 6-26

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production CompanyWell Name & Number: Monument Butte Federal Northeast 6-26API Number: 43-013-31770Lease Number: U -73088Location: SEnw Sec. 26 T. 8S R. 16E

**NOTIFICATION REQUIREMENTS**

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

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

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

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

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

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

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

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

**2. Pressure Control Equipment**

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

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

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

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water 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, identified at 333 ft. 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  $\pm 108$  ft., and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

Ed Forsman (801) 789-7077  
Petroleum Engineer

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

Jerry Kenczka (801) 789-1190  
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

**CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PLAN**

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

All vehicle travel will be confined to existing access road rights-of-way.

Mountain Plover

Known Plover Concentration Areas

New construction and surface disturbing activities will be avoided 4 years or until studies are completed whichever is less. The time period will commence upon signature of the Decision Record for EA No. 1996-61. Studies will be completed during this time to define what, if any, impact does oil and gas development have on the plover.

No survey work, exploration, prospecting, or plugging and abandonment will occur from March 15 through August 15.

Motorized travel will take place only on designated routes. No cross country travel is permitted.

Road maintenance will be avoided from May 25 through July 1.

According to the timeframes listed on the following chart and prior to new construction and drilling activities, a detailed survey of the area within 0.5 mile of a proposed location and 300 feet either side of the center line of a proposed access route will be made by BLM or a qualified biologist to detect the presence of plovers. Extreme care shall be exercised to locate plovers due to their highly secretive and quiet nature. Where possible, the survey shall first be made from a stationary vehicle. All plovers located will be observed long enough to determine if a nest is present. If no visual sightings are made from the vehicle, the area will be surveyed again on foot.

Starting Date of Construction or Drilling Activity	Number of Surveys
From March 15 through April 15	1
From April 16 through July 15	2
From July 16 through August 15	1

The surveys will be conducted no more than 14 days prior to the date actual construction or drilling activities begin. If two surveys are required, they will be made at least 14 days apart with the last survey no more than 14 days prior to the start-up date.

If an active nest or chicks are found in the area, the planned activity will be delayed until the chicks are out of downy plumage; the brood vacates the area of influence; or, the nest has failed.

Grading activities and new road construction will be minimized from May 25 through June 30.

Recreation

Road safety signs will be placed by the operator in selected areas to promote and increase driving safety.



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)

March 18, 1997

Inland Production Company  
P.O. Box 790233  
Vernal, Utah 84079

Re: MBFNE 6-26 Well, 1980' FNL, 1980' FWL, SE NW, Sec. 26,  
T. 8 S., R. 16 E., Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31770.

Sincerely,

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

R. J. Firth  
Associate Director

lwp

Enclosures

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

Operator: Inland Production Company  
Well Name & Number: MBFNE 6-26  
API Number: 43-013-31770  
Lease: U-73088  
Location: SE NW Sec. 26 T. 8 S. R. 16 E.

### Conditions of Approval

1. General

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

2. Notification Requirements

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

Notify the Division prior to commencing operations to plug and abandon the well. Contact 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION

Well Name: MONUMENT BUTTE FEDERAL NE 6-26

Api No. 43-013-31770

Section: 26 Township: 8S Range: 16E County: DUCHESNE

Drilling Contractor

Rig #

SPUDDED:

Date 3/17/97

Time

How DRY HOLE

Drilling will commence

Reported by D. INGRAM

Telephone #

Date: 3/18/97 Signed: JLT

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

OPERATOR Inland Production Company  
ADDRESS P O Box 790233  
Vernal, UT 84079

OPERATOR ACCT. NO. H 5160

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	12089	43-013 31767	MBFNE 1-26	NENE	26	8S	16E	Duchesne	3/11/97	3/11/97
WELL 1 COMMENTS: <i>Entities added 3-17-97. Lee</i>											
A	99999	12090	43-013-31768	MBFNE 2-26	NWNE	26	8S	16E	Duchesne	3/13/97	3/13/97
WELL 2 COMMENTS:											
A	99999	12091	43-013-31770	MBFNE 6-26	SENE	26	8S	16E	Duchesne	3/17/97	3/17/97
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3 89)

*Cheryl Cameron*  
Signature Cheryl Cameron  
RCS  
Title \_\_\_\_\_ Date 3/17/97  
Phone No. (801) 789-1866

**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

*SUBMIT IN TRIPLICATE*

1. Type of Well  
 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)  
**SE/NW                      1980' FNL & 1980' FWL  
 Sec. 26, T8S, R16E**

5. Lease Designation and Serial No.  
**U-73088**

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.  
**MBFNE #6-26**

9. API Well No.  
**43-013-31770**

10. Field and Pool, or Exploratory Area  
**Monument Butte**

11. County or Parish, State  
**Duchesne, UT**

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

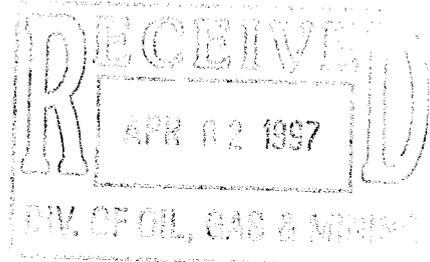
TYPE OF SUBMISSION		TYPE OF ACTION			
<input type="checkbox"/>	Notice of Intent	<input type="checkbox"/>	Abandonment	<input type="checkbox"/>	Change of Plans
<input checked="" type="checkbox"/>	Subsequent Report	<input type="checkbox"/>	Recompletion	<input type="checkbox"/>	New Construction
<input type="checkbox"/>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

**Drilled 12 1/4" hole w/ Leon Ross Rathole Rig to 155'.**

**SPUD SURFACE HOLE ON 3/17/97**



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

Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **3/20/97**  
**Cheryl Cameron**

(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.

**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

*SUBMIT IN TRIPLICATE*

1. Type of Well  
 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)  
**SE/NW                      1980' FNL & 1980' FWL  
 Sec. 26, T8S, R16E**

5. Lease Designation and Serial No.  
**U-73088**

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.  
**MBFNE #6-26**

9. API Well No.  
**43-013-31770**

10. Field and Pool, or Exploratory Area  
**Monument Butte**

11. County or Parish, State  
**Duchesne, UT**

**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 type="checkbox"/>	Change of Plans
<input checked="" type="checkbox"/>	Subsequent Report	<input type="checkbox"/>	Recompletion	<input type="checkbox"/>	New Construction
<input type="checkbox"/>	Final Abandonment Notice	<input type="checkbox"/>	Plugging Back	<input type="checkbox"/>	Non-Routine Fracturing
		<input type="checkbox"/>	Casing repair	<input type="checkbox"/>	Water Shut-off
		<input type="checkbox"/>	Altering Casing	<input type="checkbox"/>	Conversion to Injection
		<input checked="" type="checkbox"/>	Other <u>Spud Notification</u>	<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)

**Drilled 12 1/4" hole w/ Leon Ross Rathole Rig to 155'. Finished drilling to 305'.  
 Run 292.52' of 8 5/8" 24# J-55 ST&C csg. Pump 5 bbls dye wtr & 20 bbls gel wtr.  
 Cmt w/ 120 sx Prem +, 2% gel, 2% Cacl, + 1/4#/sk flocele @ 14.8 PPG w/ 1.37  
 ft/sk yield. Full returns w/ 8 bbls cmt to surface.**

**SPUD SURFACE HOLE ON 3/17/97**

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

Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **4/15/97**  
**Cheryl Cameron**

(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.

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

SUBMIT IN TRIPLICATE

1. Type of Well (Oil Well, Gas well, Other)
2. Name of Operator (Inland Production Company)
3. Address and Telephone No. (P.O. Box 790233 Vernal, UT 84079)
4. Location of Well (SE/NW 1980' FNL & 1980' FWL)
5. Lease Designation and Serial No. (U-73088)
6. If Indian, Allottee or Tribe Name
7. If unit or CA, Agreement Designation
8. Well Name and No. (MBFNE #6-26)
9. API Well No. (43-013-31770)
10. Field and Pool, or Exploratory Area (Monument Butte)
11. County or Parish, State (Duchesne, UT)

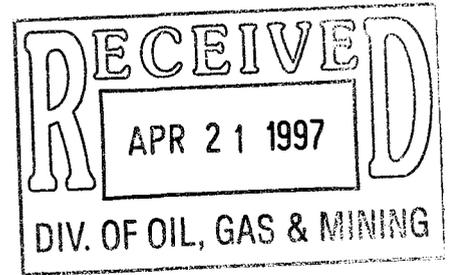
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION: Notice of Intent, Subsequent Report (checked), Final Abandonment Notice
TYPE OF ACTION: Abandonment, Recompletion, Plugging Back, Casing repair, Altering Casing, Other (checked) Spud Notification, Change 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)

WEEKLY STATUS REPORT FOR WEEK OF 4/4/97 - 4/13/97:

Drilled 7 7/8" hole w/ Four Corners, Rig #6, from 305'-6253'. Set 6210.98' of 5 1/2" 15.5# LT&C csg. Pump 20 bbls dye wtr & 20 bbls gel. Cmt w/ 690 sk Hibond 65 Mod w/ 65% Poz, .3% EX-1, 10% gel, 2% Microbond, 1# granulite/sk, 3# silicalite/sk, 3% salt (11.0 PPG, 3.0 ft/sk yield.) Followed w/ 510 sx Thixo, 10% CalSeal (14.2 PPG, 1.59 ft/sk yield.) Good returns to surface w/ est 63 sx cmt (33.6 bbls) to surface.

RDMOL



14. I hereby certify that the foregoing is true and correct
Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 4/17/97

(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.

**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. <b>U-73088</b>
6. If Indian, Allottee or Tribe Name
7. If unit or CA, Agreement Designation
8. Well Name and No. <b>MBFNE #6-26</b>
9. API Well No. <b>43-013-31770</b>
10. Field and Pool, or Exploratory Area <b>Monument Butte</b>
11. County or Parish, State <b>Duchesne, UT</b>

*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 <b>Inland Production Company</b>
3. Address and Telephone No. <b>P.O. Box 790233 Vernal, UT 84079    Phone No. (801) 789-1866</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>SE/NW                      1980' FNL &amp; 1980' FWL Sec. 26, T8S, R16E</b>

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

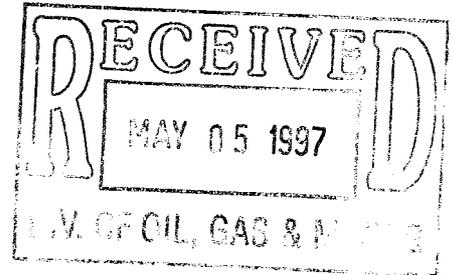
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Weekly Status</u>	<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 WEEK OF 4/18/97 - 4/26/97:**

**Perf C sd 5293'-5299'**  
**Perf D sd 5118'-5130', 5141'-5143', 5145'-5148'**  
**Perf GB sd 4648'-4664'**



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

Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **4/29/97**  
**Cheryl Cameron**

(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.

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT -" for such proposals

*SUBMIT IN TRIPLICATE*

<p>1. Type of Well  <input checked="" type="checkbox"/> Oil Well    <input type="checkbox"/> Gas well    <input type="checkbox"/> Other</p> <p>2. Name of Operator  <b>Inland Production Company</b></p> <p>3. Address and Telephone No.  <b>P.O. Box 790233 Vernal, UT 84079    Phone No. (801) 789-1866</b></p> <p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  <b>SE/NW                    1980' FNL &amp; 1980' FWL                  Sec. 26, T8S, R16E</b></p>	<p>5. Lease Designation and Serial No.  <b>U-73088</b></p> <p>6. If Indian, Allottee or Tribe Name</p> <p>7. If unit or CA, Agreement Designation</p> <p>8. Well Name and No.  <b>MBFNE #6-26</b></p> <p>9. API Well No.  <b>43-013-31770</b></p> <p>10. Field and Pool, or Exploratory Area  <b>Monument Butte</b></p> <p>11. County or Parish, State  <b>Duchesne, UT</b></p>
--	---

12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent  <input checked="" type="checkbox"/> Subsequent Report  <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Weekly Status</u>	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

**WEEKLY STATUS REPORT FOR WEEK OF 4/26/97 - 5/1/97:**

**RIH w/ production string. ON PRODUCTION 5/1/97.**

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

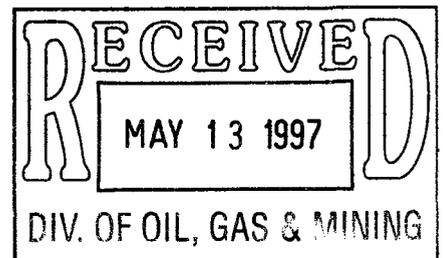
Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **5/6/97**  
**Cheryl Cameron**

(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



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-73088

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

MBFNE

9. WELL NO.

#6-26

10. FIELD AND POOL, OR WILDCAT  
Monument Butte

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

Sec. 26, T8S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

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

2. NAME OF OPERATOR  
Inland Production Co.

Rec'd May 15, 1997

3. ADDRESS OF OPERATOR  
P.O. Box 790233 Vernal, UT 84066 (801) 789-1866

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

At surface SE/NW

At top prod. interval reported below 1980' FNL & 1980' FWL

At total depth

14. PERMIT NO. 43-013-31770  
DATE ISSUED 2/28/97

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED 3/17/97  
16. DATE T.D. REACHED 4/12/97  
17. DATE COMPL. (Ready to prod.) 5/1/97  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5509.7'  
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6253'  
21. PLUG, BACK T.D., MD & TVD 6200'  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY  
ROTARY TOOLS X  
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Green River  
5293'-5299', 5118'-5130', 5141'-5143', 5145'-5148', 4648'-4664'  
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, CNL, DLL 5-15-97  
27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	292.52'	12 1/4	120 sx Prem + 2% Gel, 2% CC	+ 1#/sk flocele
5 1/2	15.5#	6210.98'	7 7/8	690 sx Hibond 65 Mod POZ	+ Add followed by
				510 sx Thixo w/ 10% CalSeal	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
C	5293'-5299'	See Back	
D	5118'-5130', 5141'-5143', 5145'-5148'		
GB	4648'-4664'		

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/1/97		Pumping - 2 1/2" X 1 1/2" X 15' RHAC pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10 day avg	5/97	N/A	→	178	192	15	1.1
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel  
TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs in Item #26

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

SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 5/14/97

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH	
Garden Gulch Mkr	4411'		<p>#32.            Perf C sd 5293'-5299'            Frac w/ 2500 gal pad                1000 gal 1-6 ppg 20/40 sd                2031 " 6-8 ppg 20/40 sd            Total fluid pumped 132 bbls w/ 12,300# sd            Acidize w/ 500 gal 15% HCl            Breakdown @ 3310 psi            Pump 6 bbls acid into perfs @ 1.5 bpm w/ 3100 psi            Pump remainder of acid + 5 bbls wtr into perfs @ 2.7 bpm w/ 1550 psi            Frac w/ 2500 gal pad                1000 gal 1-6 ppg 20/40 sd                5053 " 6-8 ppg 20/40 sd            Screened out w/ 5# sd on perfs, 2667# sd in perfs &amp; 31,100# sd in csg. Clean out sd to 6088'            Perf D sd 5118'-5130', 5141'-5143'                5145'-5148'            Frac w/ 92,000# 20/40 sd in 479 bbls gel            Peff GB sd 4648'-4664'            Frac w/ 89,400# 20/40 sd in 456 bbls gel</p>					
Point 3 Mkr	4693'							
X Mkr	4936'							
Y Mkr	4968'							
Douglas Ck Mkr	5088'							
Bicarbonate Mkr	5350'							
B Limestone Mkr	5482'							
Ca Peak	6018'							
Basal Carbonate	NDE							

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-73088**

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

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

8. Well Name and No.  
**MBF NE 6-26**

9. API Well No.  
**43-013-31770**

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**

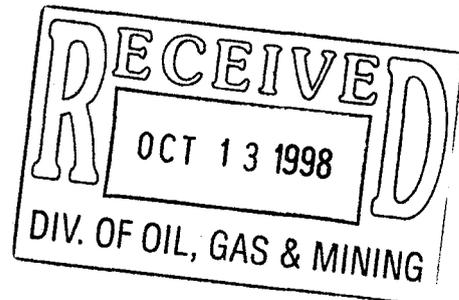
4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**1980 FNL 1980 FWL                      SE/NW Section 26, T08S R16E**

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

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

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



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

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

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

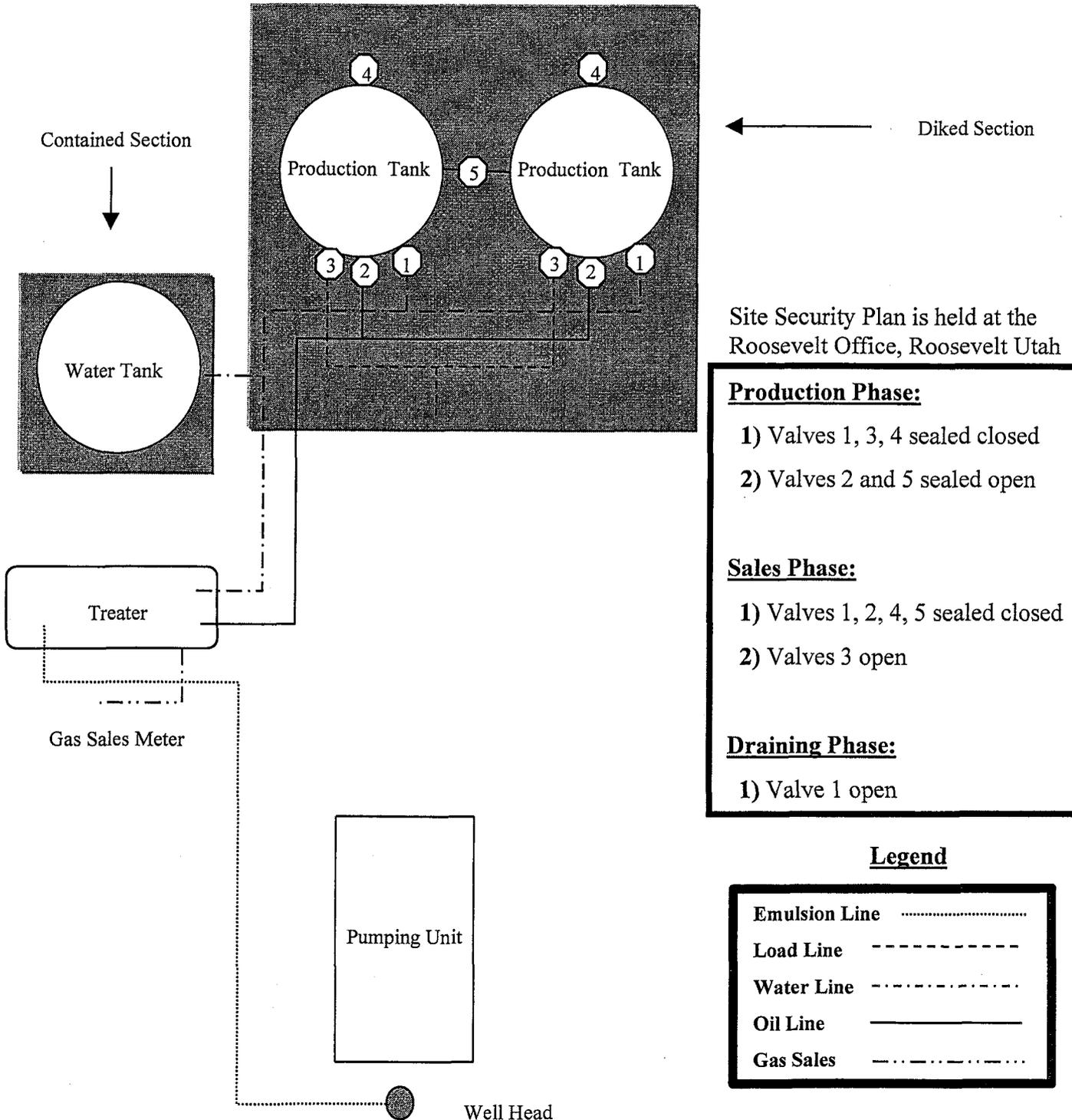
# Inland Production Company Site Facility Diagram

Monument Butte 6-26

SE/NW Sec. 26, T8S, 16E

Duchesne County

May 12, 1998



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

**Production Phase:**

- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

**Sales Phase:**

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

**Draining Phase:**

- 1) Valve 1 open

**Legend**

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

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. H 5160

ADDRESS \_\_\_\_\_

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12187	43-013-31770	***SEE ATTACHED***							6-1-97
WELL 1 COMMENTS: *HAWKEYE (GREEN RIVER) UNIT EFFECTIVE 6-1-97; OPERATOR REQUESTS A COMMON ENTITY NUMBER FOR REPORTING PURPOSES.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

Title

8-21-97

Date

Phone No. ( )

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

KEBBIE JONES  
 INLAND PRODUCTION COMPANY  
 PO BOX 1446  
 ROOSEVELT UT 84066

UTAH ACCOUNT NUMBER:       N5160      

REPORT PERIOD (MONTH/YEAR):       7 / 97      

AMENDED REPORT  (Highlight Changes)

Well Name				Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location					OIL(BBL)	GAS(MCF)	WATER(BBL)
TAR SANDS FEDERAL 3-30				GRRV					
4301331755	12045	08S	17E 30						
S PLEASANT VALLEY FEDERAL 2-20				GRRV					
4301331737	12047	09S	17E 20						
SUNDANCE STATE 3-32				GRRV					
4304732741	12059	08S	18E 32						
TAR SANDS FEDERAL 16-30				GRRV					
4301331708	12070	08S	17E 30						
MONUMENT BUTTE FED NE 8-26				GRRV					
4301331744	12071	08S	16E 26						
MONUMENT BUTTE FED NE 7-26				GRRV					
4301331754	12072	08S	16E 26						
MONUMENT BUTTE FED NE 11-26				GRRV					
4301331673	12073	08S	16E 26						
MONUMENT BUTTE FEDERAL NE 13-26				GRRV					
4301331512	12081	08S	16E 26						
MONUMENT BUTTE FED. NE 16-23				GRRV					
4301331474	12082	08S	16E 23						
TAR SANDS FED 12-33				GRRV					
4301331757	12086	08S	17E 33						
MBF NE 1-26				GRRV					
4301331767	12089	08S	16E 26						
MBF NE 2-26				GRRV					
4301331768	12090	08S	16E 26						
MBF NE 6-26				GRRV					
4301331770	12091	08S	16E 26						
<b>TOTALS</b>									

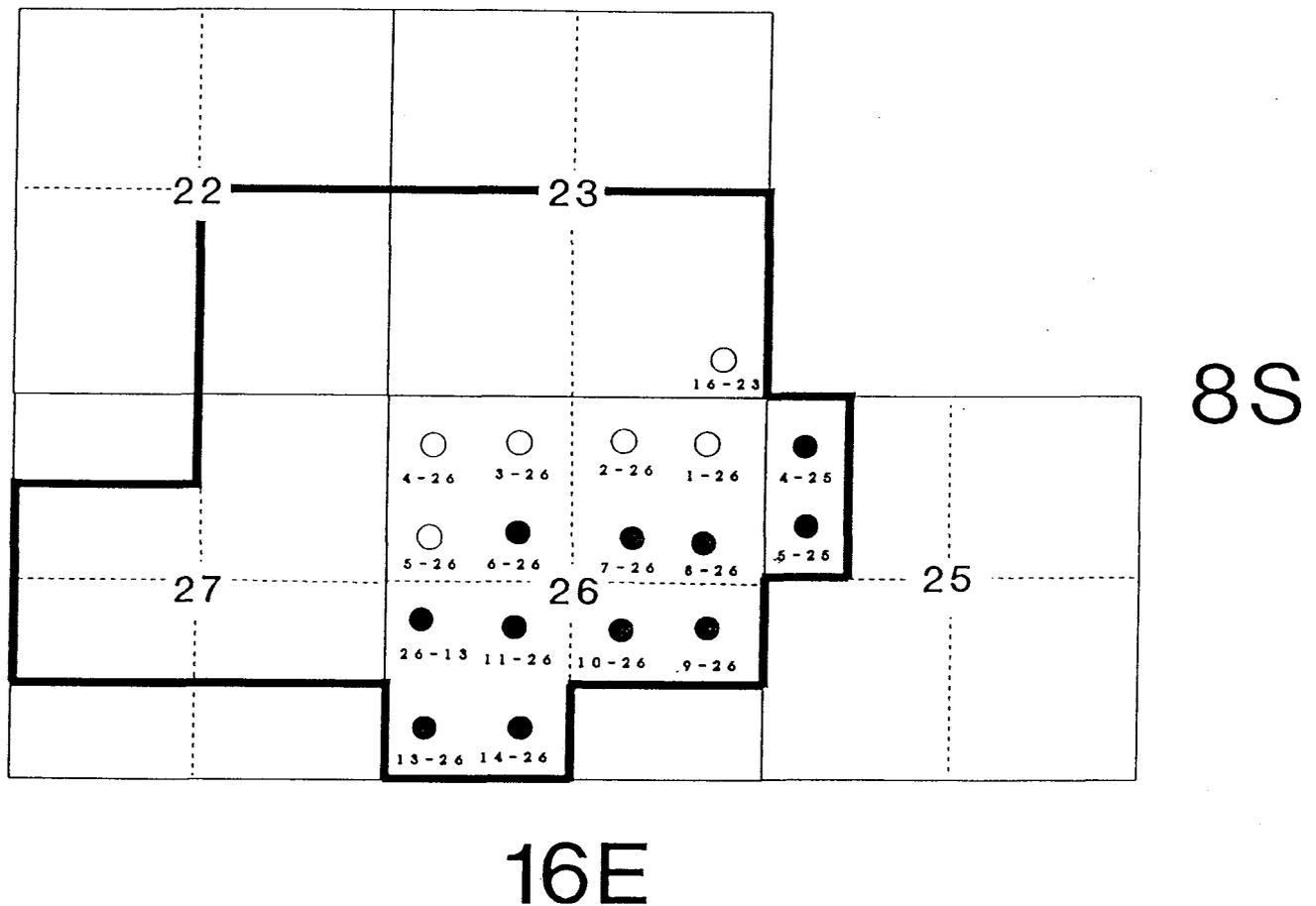
COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I hereby certify that this report is true and complete to the best of my knowledge. Date: \_\_\_\_\_  
 Name and Signature: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

# HAWKEYE (GREEN RIVER) UNIT

## Duchesne County, Utah

EFFECTIVE: JUNE 1, 1997



— UNIT OUTLINE (UTU76331X)

1,520.00 ACRES

SECONDARY ALLOCATION
FEDERAL 100%

*Entity*  
*12/87*

**INLAND PRODUCTION COMPANY HAWKEYE UNIT  
UNIT AGREEMENT #UTU76331X - EFFECTIVE JUNE 1, 1997**

WELL NAME & NUMBER	LEASE NUMBER	STATUS	REMARKS
M.B.F. #9-22	U-73088		
M.B.F. #10-22	U-73088		
M.B.F. #15-22	U-73088		
M.B.F. #16-22	U-73088		
M.B.F. #9-23	U-34346		
M.B.F. #10-23	U-34346		
M.B.F. #11-23	U-73088		
M.B.F. #12-23	U-73088		
M.B.F. #13-23	U-73088		
M.B.F. #14-23	U-73088		
M.B.F. #15-23	U-34346		
M.B.F. #16-23	<i>43-013-31774</i> U-34346	Producing	On production 5/23/97
M.B.F. #4-25	<i>43-013-31639</i> U-34346	Producing	On production 8/14/96
M.B.F. #5-25	<i>43-013-31138</i> U-34346	Producing	On production 7/23/96
M.B.F. #1-26	<i>43-013-31767</i> U-73088	Producing	On production 5/9/97
M.B.F. #2-26	<i>43-013-31768</i> U-73088	Producing	On production 5/31/97
M.B.F. #3-26	<i>43-013-31769</i> U-73088		Spud Surface on 3/27/97
M.B.F. #4-26	<del><i>43-013-31902</i></del> U-73088		Spud Surface on 8/10/97
M.B.F. #5-26	<i>43-013-31802</i> U-73088	Producing	On production 5/23/97
M.B.F. #6-26	<i>43-013-31770</i> U-73088	Producing	On production 5/1/97
M.B.F. #7-26	<i>43-013-31754</i> U-73088	Producing	On production 4/10/97
M.B.F. #8-26	<i>43-013-31744</i> U-73088	Producing	On production 3/22/97
M.B.F. #9-26	<i>43-013-31667</i> U-34346	Producing	On production 12/20/96
M.B.F. #10-26	<i>43-013-31668</i> U-34346	Producing	On production 12/21/96
M.B.F. #11-26	<i>43-013-31673</i> U-34346	Producing	On production 4/5/97
BOOLWEEVIL #26-13	<del><i>43-013-30770</i></del> U-34346	Producing	We took this well over from Balcron
M.B.F. #13-26	<i>43-013-31512</i> U-34346	Producing	On production 5/16/97
M.B.F. #14-26	<i>43-013-31703</i> U-34346	Producing	On production 1/10/97
M.B.F. #1-27	U-73088		
M.B.F. #2-27	U-73088		
M.B.F. #5-27	U-73088		
M.B.F. #6-27	U-73088		
M.B.F. #7-27	U-73088		
M.B.F. #8-27	U-73088		
M.B.F. #9-27	U-73088		
M.B.F. #10-27	U-73088		
M.B.F. #11-27	U-73088		
M.B.F. #12-27	U-73088		

*Spud report & entity form on the way. No entity chg. at this time.*

*\* All wells w/o API numbers have either not been approved or have not spud.*

**MEMORANDUM**

**TO:** Lisha Romero  
**FROM:** Kebbie Jones  
**DATE:** August 20, 1997

I am faxing to you the listing for the wells in the Hawkeye Unit. This unit was effective June 1, 1997. I would like to assign one entity number per unit, like we have done for Inland's other units. Would you please assign this entity number and then let me know. I have already done my reports for June, would you please check with Vicky and let me know if I need to do amended reports for June under the new entity number or if I can start production & disposition reports for July with the new entity number.

Thanks for all your help.

Faxing 2 Pages



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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

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



## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:		<b>9/1/2004</b>
<b>FROM: (Old Operator):</b> N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO: ( New Operator):</b> N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	
<b>CA No.</b>	<b>Unit:</b>	<b>HAWKEYE (GREEN RIVER)</b>

<b>WELL(S)</b>									
NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
BOLL WEEVIL FED 26-13	26	080S	160E	4301330770	12187	Federal	OW	S	
MONUMENT BUTTE FED NE 16-23	23	080S	160E	4301331474	12187	Federal	OW	P	
MON BUTTE FED NE 13-26	26	080S	160E	4301331512	12187	Federal	WI	A	
MON BUTTE FED NE 5-25	25	080S	160E	4301331638	12187	Federal	WI	A	
MONUMENT BUTTE FED NE 4-25	25	080S	160E	4301331639	12187	Federal	OW	P	
MON BUTTE FED NE 9-26	26	080S	160E	4301331667	12187	Federal	WI	A	
MONUMENT BUTTE FED NE 10-26	26	080S	160E	4301331668	12187	Federal	OW	P	
MON BUTTE FED NE 11-26	26	080S	160E	4301331673	12187	Federal	WI	A	
MON BUTTE FED NE 14-26	26	080S	160E	4301331703	12187	Federal	OW	S	
MONUMENT BUTTE FED NE 8-26	26	080S	160E	4301331744	12187	Federal	OW	P	
MON BUTTE FED NE 7-26	26	080S	160E	4301331754	12187	Federal	WI	A	
MBF NE 1-26	26	080S	160E	4301331767	12187	Federal	WI	A	
MBF NE 2-26	26	080S	160E	4301331768	12187	Federal	OW	P	
MBF NE 3-26	26	080S	160E	4301331769	12187	Federal	WI	A	
MBF NE 6-26	26	080S	160E	4301331770	12187	Federal	OW	P	
MBFNE 15-23	23	080S	160E	4301331801	12187	Federal	WI	A	
N MON BUTTE FED 5-26	26	080S	160E	4301331802	12187	Federal	WI	A	
MONUMENT BUTTE FED 4-26	26	080S	160E	4301331902	12187	Federal	OW	P	
N MON BUTTE FED 9-27	27	080S	160E	4301331904	12187	Federal	WI	A	
HAWKEYE 9-23	23	080S	160E	4301331984	12187	Federal	WI	A	
HAWKEYE 10-23	23	080S	160E	4301331985	12187	Federal	OW	P	
HAWKEYE 14-23	23	080S	160E	4301331986	12187	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



November 27, 2006

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

RE: Permit Application for Water Injection Well  
Monument Butte Federal NE #6-26-8-16  
Monument Butte Field, Hawkeye Unit, Lease #UTU-73088  
Section 26 -Township 8S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Butte Federal NE #6-26-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, Hawkeye Unit.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink that reads "David Gerbig". The signature is written in a cursive, flowing style.

David Gerbig  
Operations Engineer

**RECEIVED**  
**DEC 14 2006**  
**DIV. OF OIL, GAS & MINING**

**NEWFIELD PRODUCTION COMPANY**

**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**

**MONUMENT BUTTE FEDERAL NE #6-26-8-16**

**MONUMENT BUTTE FIELD (GREEN RIVER)**

**HAWKEYE UNIT**

**LEASE #UTU-73088**

**NOVEMBER 10, 2006**

## TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL NE #6-26-8-16
ATTACHMENT E-1	WELLBORE DIAGRAM – HAWKEYE #14-23-8-16
ATTACHMENT E-2	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #4-26-8-16
ATTACHMENT E-3	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #3-26
ATTACHMENT E-4	WELLBORE DIAGRAM – MON BUTTE FEDERAL NE #2-26-8-16
ATTACHMENT E-5	WELLBORE DIAGRAM – MON BUTTE FEDERAL #8-27
ATTACHMENT E-6	WELLBORE DIAGRAM – MON BUTTE FEDERAL #5-26
ATTACHMENT E-7	WELLBORE DIAGRAM – MON BUTTE FEDERAL NE #7-26
ATTACHMENT E-8	WELLBORE DIAGRAM – MON BUTTE FEDERAL NE #8-26
ATTACHMENT E-9	WELLBORE DIAGRAM – MON BUTTE FEDERAL #13-26-8-16
ATTACHMENT E-10	WELLBORE DIAGRAM – MON BUTTE FEDERAL #11-26
ATTACHMENT E-11	WELLBORE DIAGRAM – MON BUTTE FEDERAL #10-26-8-16
ATTACHMENT E-12	WELLBORE DIAGRAM – MON BUTTE FEDERAL #14-26-8-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 4/21/97, 4/22/97, 4/25/97, & 4/28/97
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1401 17th Street, Suite 1000  
Denver, Colorado 80202

Well Name and number: Monument Butte Federal NE #6-26-8-16  
Field or Unit name: Monument Butte (Green River), Hawkeye Unit Lease No. UTU-73088  
Well Location: QQ SE/NW section 26 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]  
Will the proposed well be used for: Enhanced Recovery? ..... Yes [ X ] No [ ]  
Disposal? ..... Yes [ ] No [ X ]  
Storage? ..... Yes [ ] No [ X ]  
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]  
If this application is for an existing well,  
has a casing test been performed on the well? ..... Yes [ ] No [ X ]  
Date of test: \_\_\_\_\_  
API number: 43-013-31770

Proposed injection interval: from 4411 to 6253  
Proposed maximum injection: rate 500 bpd pressure 1325 psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

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

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge  
Name: David Gerbig Signature: *David Gerbig*  
Title: Operations Engineer Date: 12-6-06  
Phone No. (303) 893-0102

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

# Monument Butte Federal NE #6-26-8-16

Spud Date: 4/4/97  
 Put on Production: 5/1/97  
 GL: 5510' KB: 5523'

Initial Production: 178 BOPD,  
 192 MCFPD, 15 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: I-55  
 WEIGHT: 24#  
 LENGTH: 292.52'(7 jts.)  
 DEPTH LANDED: 290.25' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est. 8 bbls to surf.

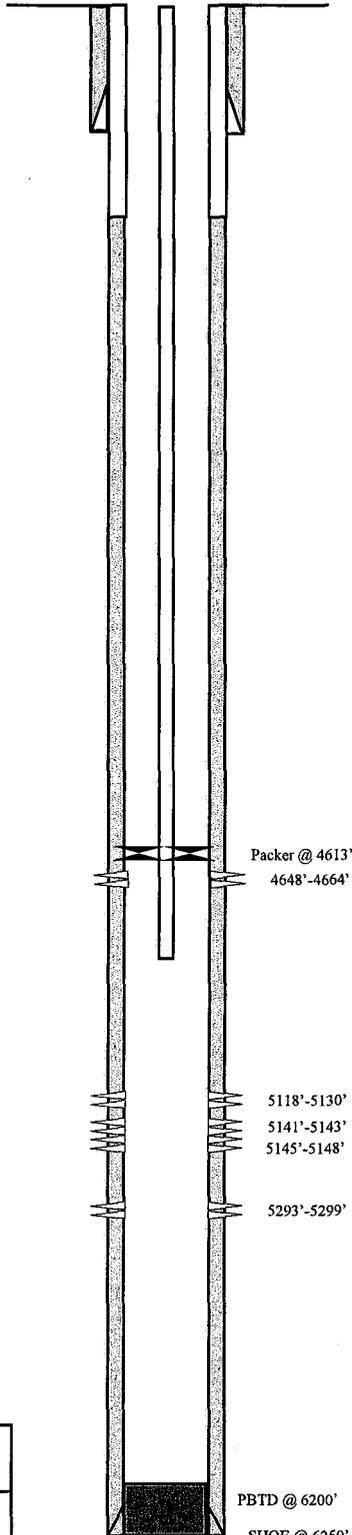
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 148 jts. (6210.98')  
 DEPTH LANDED: 6249.89'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 690 sk Hibond mixed & 510 sxs thixotropic  
 CEMENT TOP AT: 664' per CBL

## TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 200 jts (?)  
 TUBING ANCHOR: 5289'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: EOT @ 5415'  
 SN LANDED AT: 5322'

## Proposed Injection Wellbore Diagram



## FRAC JOB

4/21/97 5293'-5299' **Frac C sand as follows:**  
 2500 gal of pad, 1000 gal of 1-6 PPG of 20/40 sand, 2031 gal of 6-8 PPG of 20/40 sand stage. Perfs wouldn't break down. Max press of 4504 psi. Total fluid pumped of 132 bbls w/12,300# sand.  
 4/22/97: Breakdown @ 3310 psi. Pump 6 bbls acid into perfs @ 1.5 bpm w/3100 psi. SD 5-min. Pump remainder of acid plus 5 bbls wtr into perfs @ 2/7 bpm w/1550 psi. ISIP-1336, 5-min 1084 psi, 10-min 921 psi, 15-min 772 psi.

4/25/97 5118'-5148' **Frac D-1 sand as follows:**  
 92,000# of 20/40 sand in 479 bbls of Boragel. Perfs broke @ 2270 psi. Treated @ avg press of 1950 psi w/avg rate of 25.3 bpm. ISIP-2366, 5-min 2227 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

4/28/97 4648'-4664' **Frac GB-6 sand as follows:**  
 89,400# of 20/40 sand in 456 bbls of Boragel. Perfs broke @ 3089 psi. Treated @ avg rate of 24.7 bpm w/avg press of 2200 psi. ISIP-2818 psi. 5-min 2774 psi. Flowback on 12/64" ck for 4 hours and died.

## PERFORATION RECORD

Date	Depth Range	Tool	Holes
4/19/97	5293'-5299'	4 JSPF	24 holes
4/24/97	5118'-5130'	4 JSPF	48 holes
4/24/97	5141'-5143'	4 JSPF	8 holes
4/24/97	5145'-5148'	4 JSPF	12 holes
4/26/97	4648'-4664'	4 JSPF	64 holes

**NEWFIELD**

**Monument Butte Federal NE #6-26-8-16**

1980 FNL 1980 FWL  
 SE/NW Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31770; Lease #UTU-73088

## 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 and move out.

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

1. **Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
  
2. **A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
  - 2.1 **The name and address of the operator of the project.**

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202
  
  - 2.2 **A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.
  
  - 2.3 **A full description of the particular operation for approval is requested.**

Approval is requested to convert the Monument Butte Federal NE #6-26-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Hawkeye Unit.
  
  - 2.4 **A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.
  
  - 2.5 **The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Monument Butte Federal NE #6-26-8-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (4411 ' -6253'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 4411' and the Castle Peak top at 6018'.
  
  - 2.6 **A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Butte Federal NE #6-26-8-16 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

Newfield 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 State lease (Lease #UTU-73088) in the Monument Butte (Green River) Field, Hawkeye 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 Attachments A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24#, J-55 surface casing run to 290' GL, and 5-1/2" 15.5# J-55 casing run from surface to 6250' 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 primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. 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.

**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 1325 psig.

- 2.8 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 minimum fracture gradient for the Monument Butte Federal NE #6-26-8-16, for existing perforations (4648' - 5299') calculates at 0.69 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 1325 psig. We may add additional perforations between 4411' and 6253'. See Attachments G and G-1.

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

In the Monument Butte Federal NE #6-26-8-16, the proposed injection zone (4411' - 6253') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are 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.

- 2.10 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-12.

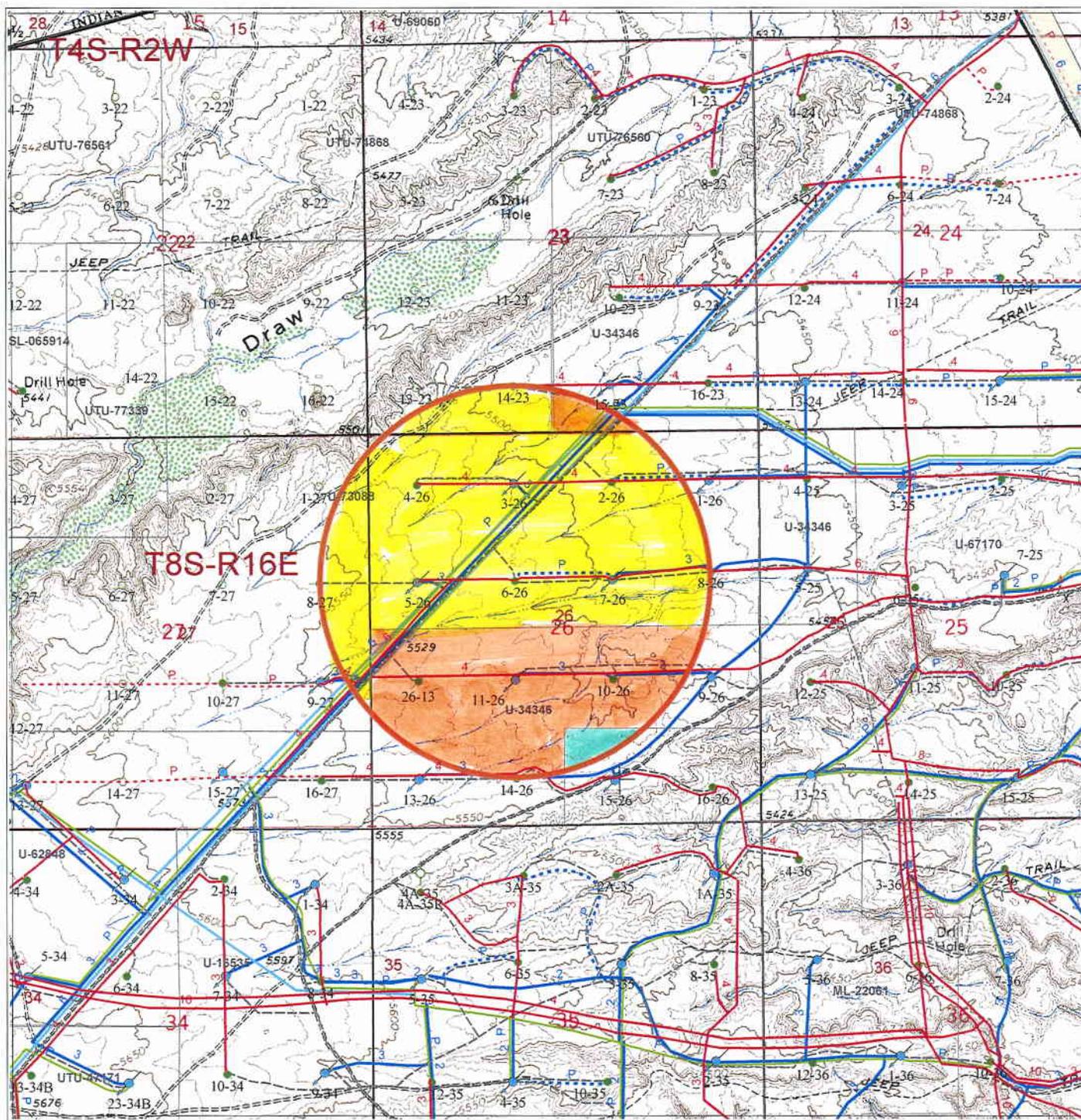
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

- 2.11 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.

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

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



**Well Status**

- Location
- ⊙ CTI
- ⊙ Surface Spud
- ⊙ Drilling
- ⊙ Waiting on Completion
- Producing Oil Well
- ⊙ Producing Gas Well
- ⊙ Water Injection Well
- ⊙ Dry Hole
- ⊙ Temporarily Abandoned
- ⊙ Plugged & Abandoned
- ⊙ Shut In

**Countyline**

**Injection system**

- high pressure
- low pressure
- ⋯ proposed
- return
- ⋯ return proposed

**Gas Pipelines**

- Gathering lines
- ⋯ Proposed lines

**Leases**

□ 6-26-8-16 1/2mile radius

UTU-73088

UTU-34346

UTU-67170

Attachment A

Hawkeye 6-26-8-16  
Section 26, T8S-R16E



1" = 2000'

1/2 Mile Radius Map  
Duchesne County

Alamo Plaza Building  
1401 17th Street Suite 1000  
Denver, Colorado 80202-1247  
Phone: (303) 893-0102

September 26, 2006

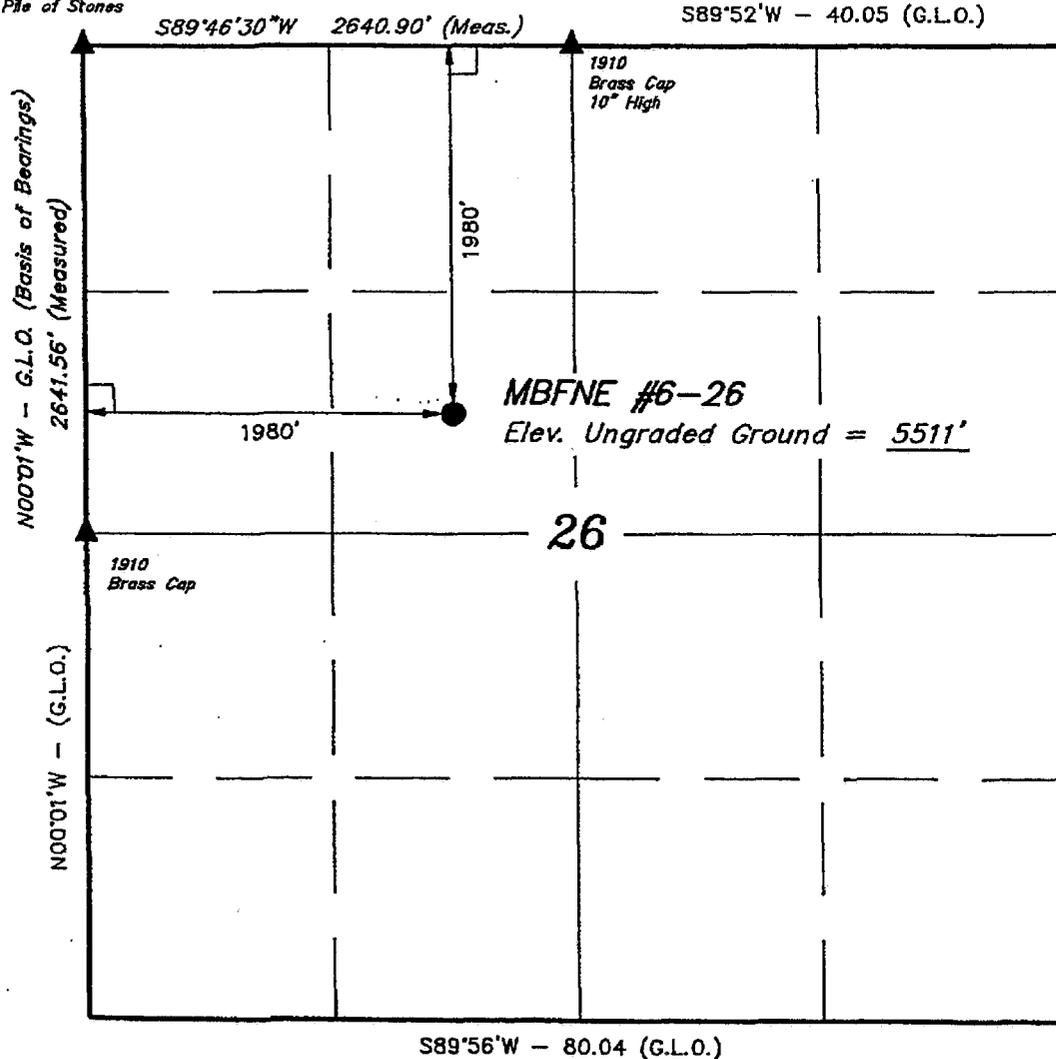
Attachment A-1

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

INLAND PRODUCTION CO.

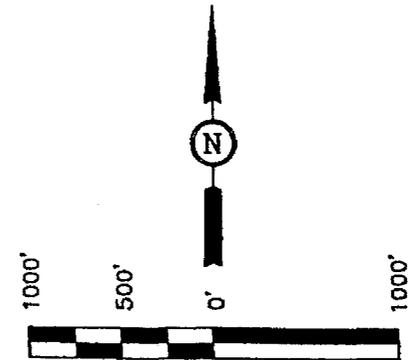
Well location, MBFNE #6-26, located as shown in the SE 1/4 NW 1/4 of Section 26, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

1910  
Brass Cap  
Pile of Stones



BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 26, T8S, R16E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5501 FEET.



SCALE

CERTIFICATE

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

*Robert L. Gray*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 181319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(801) 789-1017

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

SCALE 1" = 1000'	DATE SURVEYED: 11-20-96	DATE DRAWN: 12-2-96
PARTY J.F. D.K.. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 8 South, Range 16 East</u> Section 22: Lot 1, NE/4NW/4 S/2NW/4, SE/4 Section 23: SW/4 Section 26: N/2 Section 27: NE/4, S/2NW/4, N/2S/2	UTU-73088 HBP	Newfield Production Company	(Surface Rights) USA
2	<u>Township 8 South, Range 16 East</u> Section 23: E/2 Section 25: W/2NW/4 Section 26: SW/4, N/2SE/4	UTU-34346 HBP	Newfield Production Company Citation Oil & Gas Corporation	(Surface Rights) USA
3	Township 8 South, Range 16 East Section 24: S/2, Less that part of Doris #3 Mining Claim Section 25: E/2, E/2NW/4, SW/4 Section 26: S/2SE/4	UTU-67170 HBP	Newfield Production Company	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Monument Butte Federal NE #6-26-8-16

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

Signed: David Gerbig  
Newfield Production Company  
David Gerbig  
Operations Engineer

Sworn to and subscribed before me this 06 day of December, 2006.

Notary Public in and for the State of Colorado: Lauro Desea

My Commission Expires: My Commission Expires  
05/05/2009

Monument Butte Federal NE #6-26-8-16

Spud Date: 4/4/97  
 Put on Production: 5/1/97  
 GL: 5510' KB: 5523'

Initial Production: 178 BOPD,  
 192 MCFPD, 15 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 292.52'(7 jts.)  
 DEPTH LANDED: 290.25' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est. 8 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 148 jts. (6210.98')  
 DEPTH LANDED: 6249.89'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 690 sk Hibond mixed & 510 sxs thixotropic  
 CEMENT TOP AT: 664' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 200 jts (?)  
 TUBING ANCHOR: 5289'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: EOT @ 5415'  
 SN LANDED AT: 5322'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished  
 SUCKER RODS: 4-1" scraped, 109-3/4" plain rods, 98-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 1-2-1/2" x 1-1/2" x 15" RHAC pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 6-1/2 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

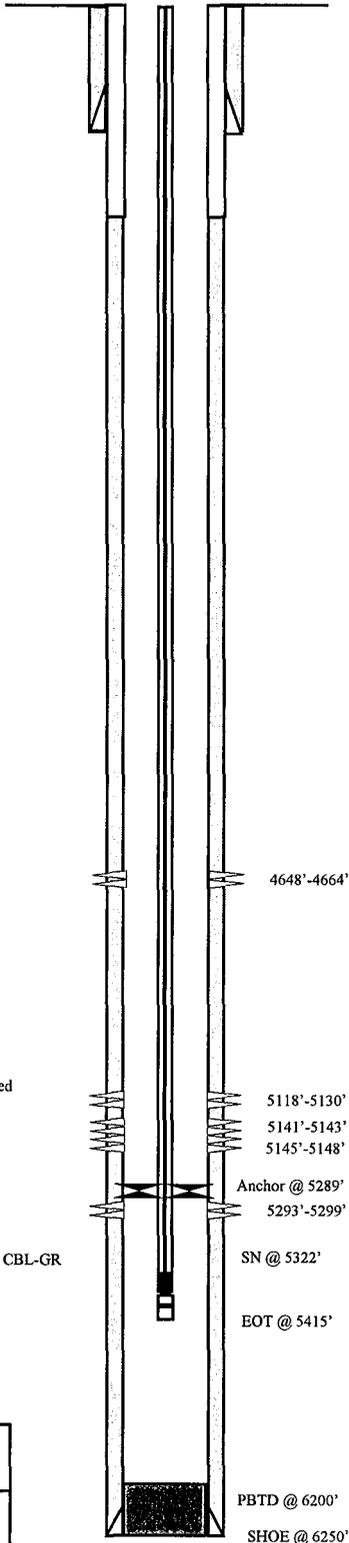
4/21/97 5293'-5299' **Frac C sand as follows:**  
 2500 gal of pad, 1000 gal of 1-6 PPG of 20/40 sand, 2031 gal of 6-8 PPG of 20/40 sand stage. Perfs wouldn't break down. Max press of 4504 psi. Total fluid pumped of 132 bbls w/12,300# sand.  
 4/22/97: Breakdown @ 3310 psi. Pump 6 bbls acid into perfs @ 1.5 bpm w/3100 psi. SD 5-min. Pump remainder of acid plus 5 bbls wtr into perfs @ 2/7 bpm w/1550 psi. ISIP-1336, 5-min 1084 psi, 10-min 921 psi, 15-min 772 psi.

4/25/97 5118'-5148' **Frac D-1 sand as follows:**  
 92,000# of 20/40 sand in 479 bbls of Boragel. Perfs broke @ 2270 psi. Treated @ avg press of 1950 psi w/avg rate of 25.3 bpm. ISIP-2366, 5-min 2227 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

4/28/97 4648'-4664' **Frac GB-6 sand as follows:**  
 89,400# of 20/40 sand in 456 bbls of Boragel. Perfs broke @ 3089 psi. Treated @ avg rate of 24.7 bpm w/avg press of 2200 psi. ISIP-2818 psi. 5-min 2774 psi. Flowback on 12/64" ck for 4 hours and died.

**PERFORATION RECORD**

4/19/97	5293'-5299'	4 JSPF	24 holes
4/24/97	5118'-5130'	4 JSPF	48 holes
4/24/97	5141'-5143'	4 JSPF	8 holes
4/24/97	5145'-5148'	4 JSPF	12 holes
4/26/97	4648'-4664'	4 JSPF	64 holes



**NEWFIELD**

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**Monument Butte Federal NE #6-26-8-16**

1980 FNL 1980 FWL  
 SE/NW Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31770; Lease #UTU-73088

# Hawkeye #14-23-8-16

Spud Date: 1/23/98  
 Put on Production: 2/19/98  
 GL: 5490' KB: 5502'

Initial Production: 65 BOPD,  
 142 MCFPD, 11 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.(289')  
 DEPTH LANDED: 289' GL  
 HOLE SIZE: 12 - 1/4"  
 CEMENT DATA: 120 sxs Premium, est 10 bbls to surface

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 153 jts. (6328')  
 LANDED AT: 6339'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 410 sxs Hibond mixed & 400 sxs thixotropic  
 CEMENT TOP AT: ? Per CBL

**TUBING**

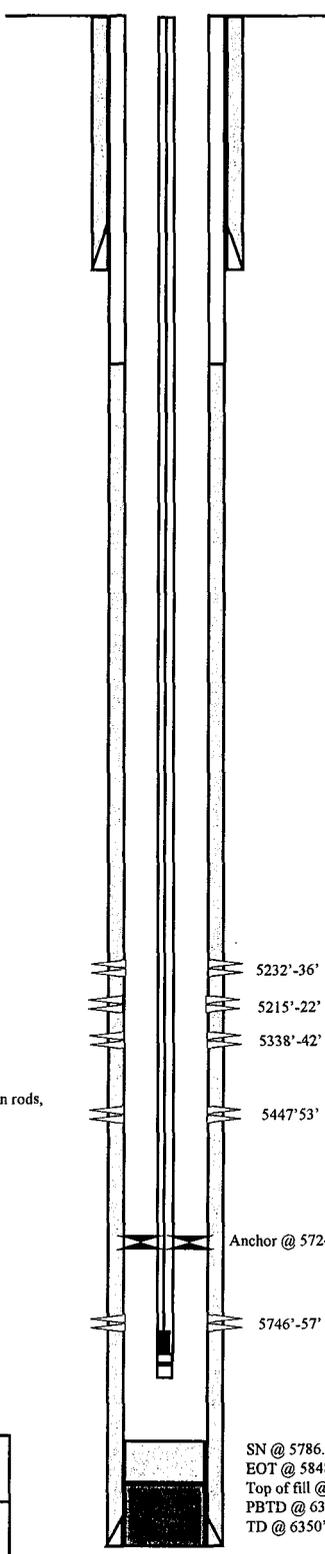
SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 152 jts (4736.07')  
 NO. OF JOINTS: 30 jts (975.99')  
 TUBING ANCHOR: 5724.06' KB  
 NO. OF JOINTS: 2 jts (62.48')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5786.54' KB  
 NO. OF JOINTS: 1 jts Perf sub.  
 NO. OF JOINTS: 2 jts (61.61')  
 TOTAL STRING LENGTH: EOT @ 5848.60' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1 1/2" wt rods, 24-3/4" scraper rods, 107-3/4" plain rods, 95-3/4" scraper rods, 1-8", 2-4' x 3/4" pony rod.  
 PUMP SIZE: 2-1/2" x 1-1/4" x 13' x 16' RHAC  
 STROKE LENGTH: 52"  
 PUMP SPEED, SPM: 7 SPM  
 LOGS: HRI/SP/GR/CAL (6327'-301')  
 DSN/SDL/GR (6300'-3000')

**FRAC JOB**

2-12-98 5746'-5757' **Frac A sand as follows:**  
 121,300# 20/40 sand in 589 bbls of Delta.  
 Breakdown @ 3380 psi, treated @ avg rate 28 bpm w/avg press of 1750 psi. ISIP-2145.  
 2-14-98 5338'-5453' **Frac D/BiCarb sand as follows:**  
 127,200# 20/40 sand in 599 bbls of Delta.  
 Breakdown @ 2740 psi. Treated @ avg rate 32.6 bpm w/avg press of 1600 psi. ISIP-1972 psi.  
 2-17-98 5215'-5236' **Frac D-1 sand as follows:**  
 121,300# 20/40 sand in 576 bbls Delta.  
 Breakdown @ 2618 psi. Treated w/avg press of 1650 psi, w/avg rate of 26 BPM. ISIP-1869 psi.  
 5/01/02 Pump change. Update rod details.  
 3/24/04 Tubing leak. Update rod and tubing details.



**PERFORATION RECORD**

Date	Interval	Tool	Holes
2-11-98	5746'-5757'	4 JSPF	44 holes
2-13-98	5338'-5342'	4 JSPF	16 holes
2-13-98	5447'-5453'	4 JSPF	24 holes
2-15-98	5215'-5222'	4 JSPF	28 holes
2-15-98	5232'-5236'	4 JSPF	24 holes

**Inland Resources Inc.**  
**Hawkeye #14-23-8-16**  
 660 FSL & 1980 FWL  
 SESW Section 23-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31986; Lease #U-73088

SN @ 5786.54'  
 EOT @ 5848.04'  
 Top of fill @ 6281'  
 PBTD @ 6300'  
 TD @ 6350'

# Monument Butte Federal #4-26-8-16

Spud Date: 8/18/97  
 Put on Production: 9/26/97  
 GL: 5520' KB: 5533'

Initial Production: 95 BOPD,  
 100 MCFPD, 10 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (296.48')  
 DEPTH LANDED: 294.81' GL  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 120 sxs Premium cmt and 50 sxs Premium Plus.

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6328')  
 DEPTH LANDED: 6323' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 395 sxs Hibond mixed & 405 sxs thixotropic  
 CEMENT TOP AT: 262' per CBL

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / M -50 / 6.5#  
 NO. OF JOINTS: 188 jts. (5778.86') Bottom 29 jts inspected yellow bnd.  
 TUBING ANCHOR: 5794.66' KB  
 NO. OF JOINTS: 1 jts. (31.29') New  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5827.05' KB  
 NO. OF JOINTS: 2 jts. (61.60') Used  
 TOTAL STRING LENGTH: EOT @ 5889.10' KB

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 22' SM  
 SUCKER RODS: 6 - 1 1/2" weight rods, 21-3/4" scraped rods, 20-3/4" scraped rods (New), 88-3/4" plain rods, 97-3/4" scraped rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 15' RHAC rod pump  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

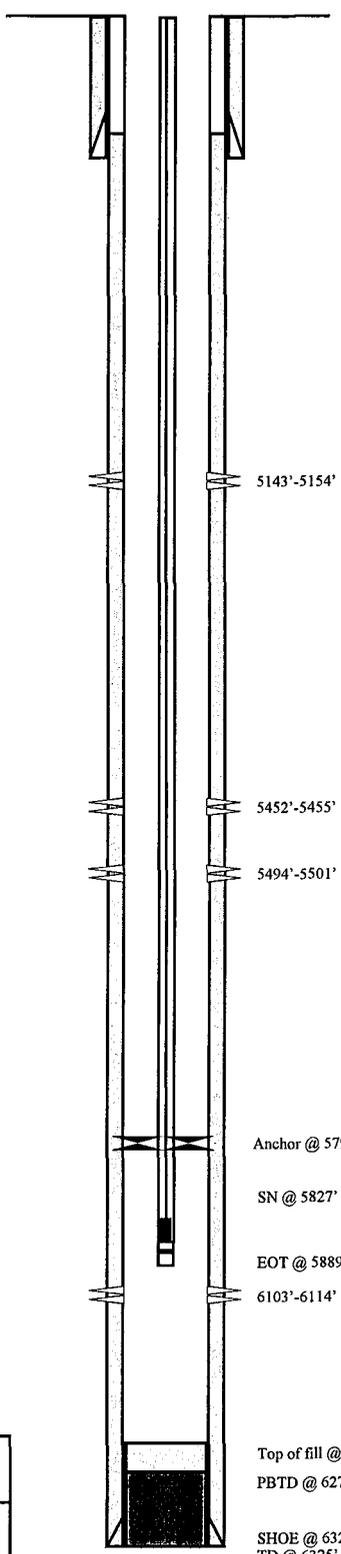
**FRAC JOB**

9/17/97 6103'-6114' **Frac CP-1 sand as follows:**  
 105,300# of 20/40 sand in 564 bbls of Boragel. Perfs brokedown @ 3150 psi. Treated @ avg press of 2000 psi w/avg rate of 26.4 bpm. ISIP-3015 psi, 5-min 2566 psi. Flowback on 12/64" choke for 3-1/2 hours and died.

9/19/97 5452'-5501' **Frac B-1 & B-2 sands as follows:**  
 108,300# of 20/40 sand in 541 bbls of Boragel. Perfs brokedown @ 2901 psi. Treated @ avg press of 2000 psi. w/avg rate of 26.6 BPM. ISIP-2153, 5-min 1935 psi. Flowback on 12/64" choke for 6 hours and died.

9/23/97 5143'-5154' **Frac D-1 sand as follows:**  
 106,000# of 20/40 sand in 537 bbls of Boragel. Perfs brokedown @ 2271 psi. Treated @ avg press of 1650 psi w/avg rate of 24.3 bpm. ISIP-2024, 5-min 1977 psi. Flowback on 12/64" choke for 4 hours and died.

6/06/02 Tubing leak. Update rod and tubing details.  
 5/19/03 Parted Rods. Update rod detail.



**PERFORATION RECORD**

Date	Interval	Perforations	Holes
9/16/97	6103'-6114'	4 JSPF	44 holes
9/18/97	5452'-5455'	4 JSPF	12 holes
9/18/97	5494'-5501'	4 JSPF	28 holes
9/20/97	5143'-5154'	4 JSPF	44 holes

**Inland Resources Inc.**

**Monument Butte Federal #4-26-8-16**

660 FNL & 660 FWL  
 NWNW Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31902; Lease #U-73088

# Monument Butte Federal #3-26

Spud Date: 8/14/97

Initial Production: 61 BOPD,  
58 MCFPD, 29 BWPD

Production on Production: 9/13/97  
GI: 5505' KB: 5518'  
**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (292.59')  
DEPTH LANDED: 290.49' GL  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 150 jts. (6335')  
DEPTH LANDED: 6327' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 430 sxs Hibond mixed & 480 sxs thixotropic  
CEMENT TOP AT: 1456' per CBL

**TUBING**

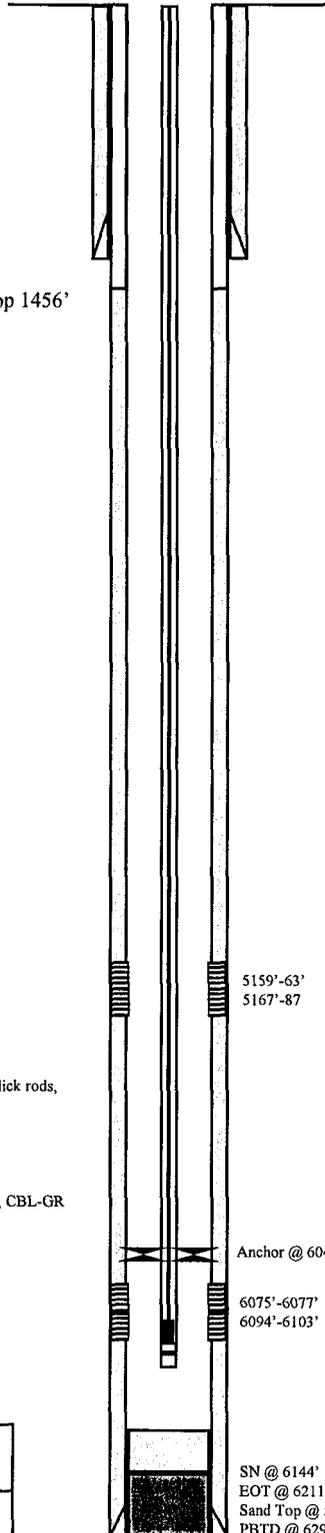
SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#  
NO. OF JOINTS: 195 jts  
TUBING ANCHOR: 6049'  
SEATING NIPPLE: 2 - 7/8" (1.10')  
TOTAL STRING LENGTH: ? (EOT @ 6211')  
SN LANDED AT: 6144'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 93-3/4" scraped, 4-1-1/2" guided rods, 143-3/4" slick rods,  
PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2" RHAC rod pump  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 9 SPM  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Wellbore Diagram

Cement Top 1456'



**FRAC JOB**

9/7/97 6075'-6103' **Frac CP sand as follows:**  
96,700# of 20/40 sand in 554 bbls of Boragel. Breakdown @ 2892psi.  
Treated @ avg rate of 26 bpm w/avg press of 2000 psi. ISIP-2831 psi, 5-min 2470 psi. Flowback on 12/64" ck for 3 hours and died.

9/10/97 5159'-5187' **Frac D sand as follows:**  
100,800# of 20/40 sand in 499 bbls of Boragel. Breakdown @ 2098psi.  
Treated @ avg rate of 28.5 bpm w/avg press of 1750 psi. ISIP-2160 psi, 5-min 2103 psi. Flowback on 12/64" ck for 3 1/2 hours and died.

**PERFORATION RECORD**

9/9/97	6075'-6077'	4 JSPF	NA holes
9/9/97	6094'-6103'	4 JSPF	NA holes
9/10/97	5159'-5163'	4 JSPF	NA holes
9/10/97	5167'-5187'	4 JSPF	NA holes

5159'-63'  
5167'-87'

Anchor @ 6049'

6075'-6077'  
6094'-6103'

SN @ 6144'  
EOT @ 6211'  
Sand Top @ 5159'  
PBTD @ 6297'  
TD @ 6348'



**Inland Resources Inc.**

**Monument Butte Federal #3-26**

660 FNL 1980 FWL  
NENE Section 26-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31769; Lease #U-73088

## Monument Butte Federal NE #2-26-8-16

Spud Date: 4/25/97  
 Put on Production: 5/31/97  
 GL: 5489' KB: 5502'

Initial Production: 44 BOPD,  
 95 MCFPD, 26 BWPD

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (291.19')  
 DEPTH LANDED: 289.25' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, w/16 bbls cmt to surface.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145 jts. (6263.59')  
 DEPTH LANDED: 6301.84'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 465 sk Hibond mixed & 405 sxs thixotropic  
 CEMENT TOP AT: 785' per CBL

### TUBING

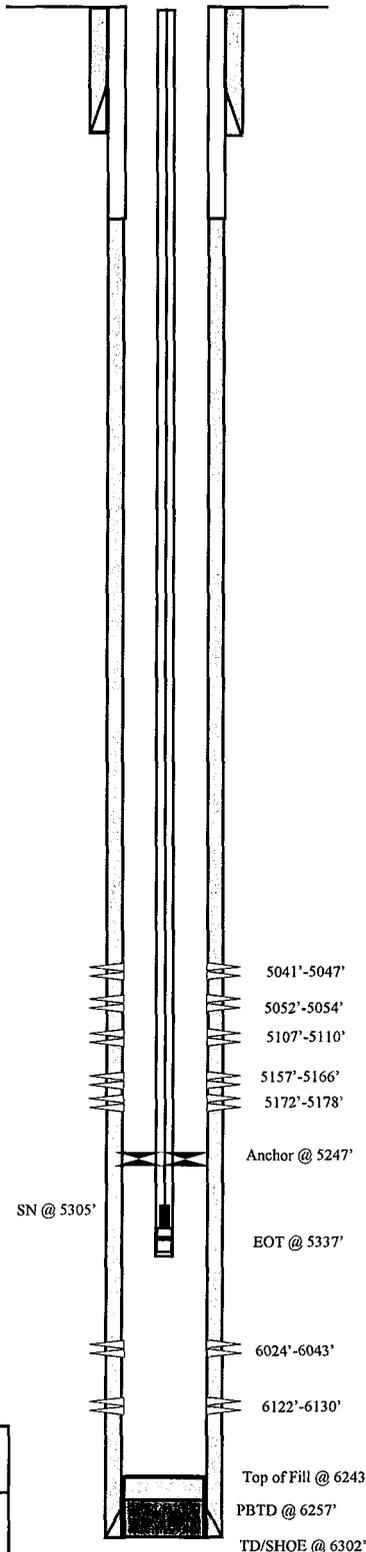
SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 168 jts. (5260.22')  
 TUBING ANCHOR: 5272.22'  
 NO. OF JOINTS: 1 jts. (30.23')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5305.25'  
 NO. OF JOINTS: 1 jt. (30.20')  
 TOTAL STRING LENGTH: 5337'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 1-8', 1-6', 1-2"x3/4" pony rods, 204 - 3/4" scraped rods, 6-1 1/2" Wt bars  
 PUMP SIZE: 2 1/2" x 1 1/2" x 12" x 15" RHAC pump  
 STROKE LENGTH: 74"  
 PUMP SPEED: 4 SPM

### FRAC JOB

5/21/97	6024'-6130'	<b>Frac LODC &amp; CP-1 sands as follows:</b> 150,100# of 20/40 sand in 745 bbls of Boragel. Perfs broke @ 339 psi. Treated @ avg rate of 35.5 bpm w/avg press of 2450 psi. ISIP-3491 psi, 5-min 2538 psi. Flowback on 12/64" ck for 5 hours and died.
5/23/97	5157'-5178'	<b>Frac D-1 sand as follows:</b> 117,500# of 20/40 sand in 557 bbls of Boragel. Perfs broke @ 1871 psi. Treated @ avg rate of 28.5 bpm w/avg press of 1500 psi. ISIP-1982 psi, 5-min 1670 psi. Flowback on 12/64" ck for 3-1/2 hours and died.
5/27/97	5041'-5110'	<b>Frac D-S1 &amp; D-S3 sands as follows:</b> 53,000# of 20/40 sand in 278 bbls of Boragel. Perfs broke @ 2309 psi. Treated @ avg rate of 21 bpm w/avg press of 3000 psi. Screened out w/10 # sand in perfs, 536 gal left to flush. ISIP- 3875 psi, 5-min 2826 psi. Flowback on 12/64" ck for 2 hours and died.
03/12/02		Tubing leak. Update rod and tubing details.
12/09/02		Tubing leak. Update rod and tubing details.
06/04/04		Stuck Plunger. Update rod details
03/17/05		Tubing leak. Update tubing and rod detail
08/14/06		Tubing Leak. Update rod and tubing details.



### PERFORATION RECORD

Date	Interval	Perforations	Holes
5/20/97	6122'-6130'	4 JSPF	32 holes
5/20/97	6024'-6043'	4 JSPF	76 holes
5/22/97	5172'-5178'	4 JSPF	24 holes
5/22/97	5157'-5166'	4 JSPF	36 holes
5/24/97	5107'-5110'	4 JSPF	12 holes
5/24/97	5052'-5054'	4 JSPF	8 holes
5/24/97	5041'-5047'	4 JSPF	24 holes



**Monument Butte Federal NE #2-26-8-16**

660 FNL & 1980 FEL  
 NW/NE Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31768; Lease #UTU-73088

# Monument Butte Federal #8-27

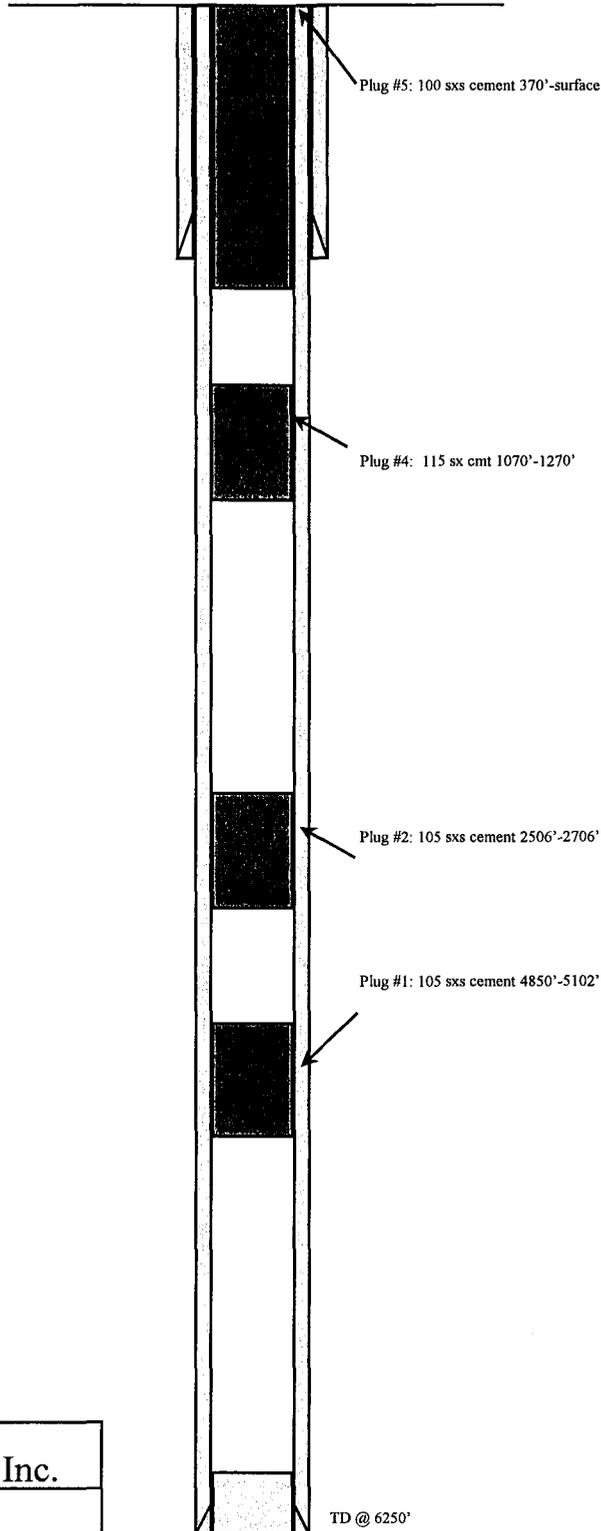
Spud Date: 9/3/97  
Plugged: 9/9/97  
GL: 5171' KB: 5184'

Initial Production: NONE

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 302' (7 jts)  
DEPTH LANDED: 302'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 170 sxs Premium cmt

Plugging Diagram



**Inland Resources Inc.**

**Monument Butte Federal #8-27**

1980 FNL 660 FEL

SENE Section 27-T8S-R16E

Duchesne County, Utah

API #43-013-31903; Lease #U-73088

# Monument Butte Federal #5-26

Spud Date: 4/19/97

Pu

Start on Production: 5/23/97

GL: 5525' KB: 5538'

**SURFACE CASING**

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 295.36'(7 jts.)

DEPTH LANDED: 293.09' GL

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, w/est. 0.5 bbls cmt to surface.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 148 jts. (6241.21')

DEPTH LANDED: 6240'

HOLE SIZE: 7-7/8"

CEMENT DATA: 420 sk Hibond mixed & 360 sxs thixotropic

CEMENT TOP AT: 775' per CBL

**TUBING**

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

NO. OF JOINTS: 201 jts

TUBING ANCHOR: 5946'

SEATING NIPPLE: 2-7/8" (1.10')

TOTAL STRING LENGTH: EOT @ 6082'

SN LANDED AT: 6012'

**SUCKER RODS**

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

SUCKER RODS: 4-3/4" scraped, 132-3/4" plain rods, 99-3/4" scraped

TOTAL ROD STRING LENGTH: ?

PUMP NUMBER: ?

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC pump

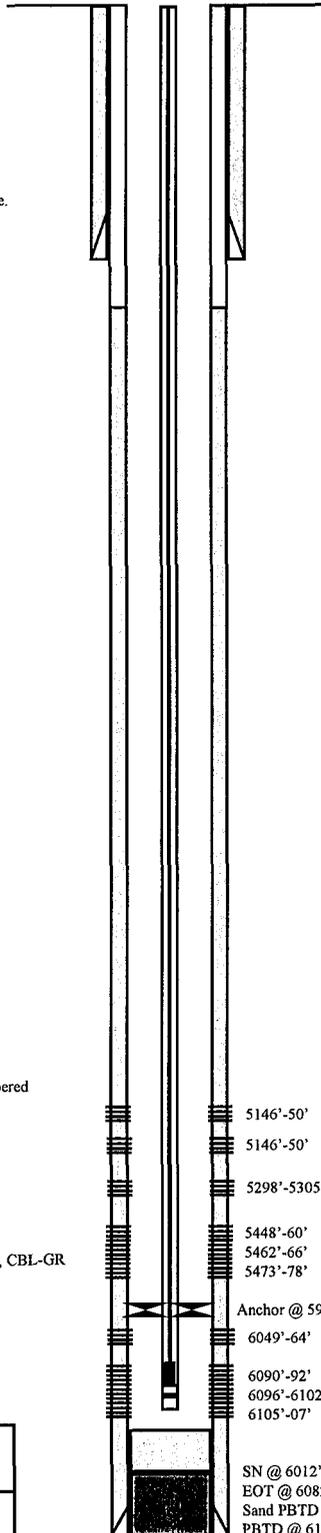
STROKE LENGTH: 84"

PUMP SPEED, SPM: 6 SPM

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Initial Production: 84 BOPD,  
150 MCFPD, 11 BWPD

**Wellbore Diagram**



**FRAC JOB**

- 5/12/97 6049'-6107' **Frac CP-1 & CP-2 sands as follows:**  
91,300# of 20/40 sand in 493 bbls of Boragel. Perfs broke @ 2533 psi. Treated @ avg rate of 27.5 bpm w/avg press of 1900 psi. ISIP-2552 psi, 5-min 2096 psi. Flowback on 12/64" ck for 3-1/2 hours and died.
- 5/14/97 5458'-5478' **Frac B-2 sand as follows:**  
90,900# of 20/40 sand in 496 bbls of Boragel. Perfs broke @ 3144 psi. Treated @ avg rate of 26.2 bpm w/avg press of 1530 psi. ISIP-2054 psi, 5-min 1868 psi. Flowback on 12/64" ck for 3-1/2 hours and died.
- 5/16/97 5298'-5305' **Frac C sand as follows:**  
84,100# of 20/40 sand in 467 bbls of Boragel. Perfs broke @ 3873 psi. Treated @ avg rate of 25.1 bpm w/avg press of 2100 psi. ISIP-2534 psi, 5-min 2421 psi. Flowback on 12/64" ck for 3 hours and died.
- 5/20/97 5014'-5150' **Frac D-S1 & D-1 sands as follows:**  
120,000# of 20/40 sand in 597 bbls of Boragel. Perfs broke back @ 2048 psi. Treated @ avg rate of 30.2 bpm w/avg press of 2040 psi. ISIP-2103 psi, 5-min 2045 psi. Flowback on 12/64" ck for 3 hours and died.

**PERFORATION RECORD**

Date	Depth Range	Perforation Type	Holes
5/10/97	6049'-6064'	4 JSPF	60 holes
5/10/97	6090'-6092'	4 JSPF	8 holes
5/10/97	6096'-6102'	4 JSPF	24 holes
5/10/97	6105'-6107'	4 JSPF	8 holes
5/13/97	5458'-5460'	4 JSPF	8 holes
5/13/97	5462'-5466'	4 JSPF	16 holes
5/13/97	5473'-5478'	4 JSPF	20 holes
5/15/97	5298'-5305'	4 JSPF	28 holes
5/17/97	5014'-5021'	4 JSPF	28 holes
5/17/97	5146'-5150'	4 JSPF	16 holes

5146'-50'  
5146'-50'  
5298'-5305'  
5448'-60'  
5462'-66'  
5473'-78'  
Anchor @ 5946'  
6049'-64'  
6090'-92'  
6096'-6102'  
6105'-07'  
SN @ 6012'  
EOT @ 6082'  
Sand PBTD 6184'  
PBTD @ 6189'  
TD @ 6250'

**Inland Resources Inc.**

**Monument Butte Federal #5-26**

1980 FNL 660 FWL

SWNW Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31802; Lease #U-73088

Spud Date: 3/22/97  
 Put on Production: 4/10/97  
 Put on Injection: 3/18/98  
 GL: 5493' KB: 5506'

# Monument Butte Fed. NE 7-26

Initial Production: 159 BOPD,  
 189 MCFPD, 11 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 291.93'(7 jts.)  
 DEPTH LANDED: 290.43' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 100 sxs Premium cmt.

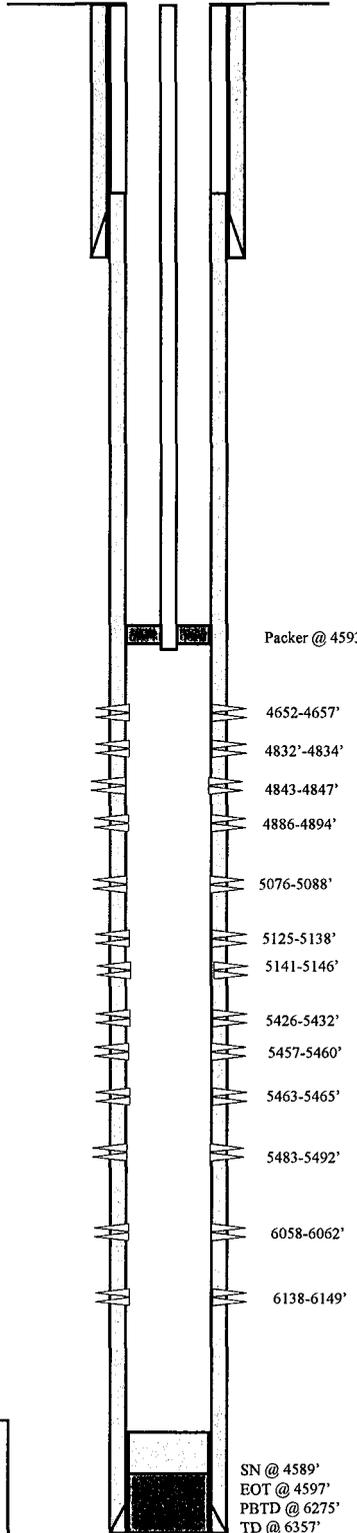
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6350.25')  
 DEPTH LANDED: 6348'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 385 sk Hibond mixed & 395 sxs thixotropic  
 CEMENT TOP AT: 197' per CBL

### TUBING

SIZE/GRADE/AWT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 147 jts 4575.68' KB  
 SEATING NIPPLE: 4588.68' KB  
 PACKER: Set @ 4593.03' KB  
 TOTAL STRING LENGTH: EOT @ 4597.35' KB

Injection Wellbore  
 Diagram



### FRAC JOB

4/2/97 5426'-5492' **Frac B-1 & B-2 sands as follows:**  
 97,200# of 20/40 sand in 497 bbls of Boragel. Perfs broke @ 3446 psi. Treated @ avg rate of 26.5 bpm w/avg press of 1950 psi. ISIP-2090 psi, 5-min 1936 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

4/4/97 5125'-5146' **Frac D-1 sand as follows:**  
 101,300# of 20/40 sand in 495 bbls of Boragel. Perfs broke @ 2006 psi. Treated @ avg rate of 25 bpm w/avg press of 1820 psi. ISIP-2280, 5-min 2201. Flowback on 12/64" ck for 2-1/2 hours and died.

4/7/97 4832'-4894' **Frac PB-10 & PB-11 sands as follows:**  
 91,500# of 20/40 sand in 492 bbls of Boragel. Perfs broke @ 2138 psi. Treated at avg rate of 24.5 bpm w/avg press of 2400 psi. ISIP-2739 psi, 5-min 2548 psi. Flowback on 12/64" ck for 5 hours and died.

7-29-05 6058-6149' **Recompletion Frac CP3 & CP1 sands as follows:**  
 19,0780#s of 20/40 sand in 197 bbls of Lightning 17 frac fluid. Treated at ave. pressure of 3974 psi. with avg rate of 14 bpm. ISIP-2200 psi, Calc. flush 1566 gals. Actual flush 1428 gals.

7-29-05 4652-4657' **Recompletion Frac GB6 sands as follows:**  
 15,181#s of 20/40 sand in 157 bbls of Lightning 17 frac fluid. Treated at ave. pressure of 3482 psi. with avg rate of 14.1 bpm. ISIP-2100 psi, Calc. flush 1266 gals. Actual flush 1134 gals.

8-17-05 **MTT completed.**

### PERFORATION RECORD

Date	Depth Range	Perforations	Holes
4/1/97	5426'-5432'	4 JSPF	24 holes
4/1/97	5457'-5460'	4 JSPF	12 holes
4/1/97	5463'-5465'	4 JSPF	8 holes
4/1/97	5483'-5492'	4 JSPF	36 holes
4/3/97	5125'-5138'	4 JSPF	52 holes
4/3/97	5141'-5146'	4 JSPF	20 holes
4/5/97	4832'-4834'	4 JSPF	8 holes
4/5/97	4843'-4847'	4 JSPF	16 holes
4/5/97	4886'-4894'	4 JSPF	32 holes
7-28-05	6058-6062'	4 JSPF	16 holes
7-28-05	6138-6149'	4 JSPF	44 holes
7-28-05	5076-5088'	4 JSPF	48 holes
7-28-05	4652-4657'	4 JSPF	20 holes



**Monument Butte Federal NE #7-26**  
 1984 FEL & 1984 FNL  
 SWNE Section 26-T8S-R16  
 Duchesne Co, Utah  
 API #43-013-31754; Lease #U-73088

SN @ 4589'  
 EOT @ 4597'  
 PBTD @ 6275'  
 TD @ 6357'

# Monument Butte Federal NE #8-26

Spud Date: 03/02/97  
 Put on Production: 03/22/97  
 GL: 5472' KB: 5485'

Initial Production: 80 BOPD,  
 68 MCFPD, 12 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 287.59' (7 jts)  
 DEPTH LANDED: 288' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 151 jts (6407.79')  
 DEPTH LANDED: 6399.29'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 340 sxs Hibond mixed & 360 sxs thixotropic  
 CEMENT TOP AT: 241' per KB

**TUBING**

SIZE/GRADE/WT: 2 7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 196 jts. (6080.93')  
 TUBING ANCHOR: 6082.93' KB  
 NO. OF JOINTS: 2 jts. (65.04')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 6150.77' KB  
 PERF SUB: 1 (4.04')  
 NO. OF JOINTS: 2 jts. (62.04')  
 TOTAL STRING LENGTH: EOT 6218.40' KB

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 22' polished  
 SUCKER RODS: 2-2' x 3/4" pony rods, 241-3/4" scraped rods, 5-1 1/2" weight rods  
 PUMP SIZE: 2 1/2" x 1 1/2" x 16' RHAC pump  
 STROKE LENGTH: 72"  
 PUMP SPEED, SPM: 6  
 LOGS: GR, SP, Spectral Density-Dual Spaced Neuron, CBL-GR

**FRAC JOB**

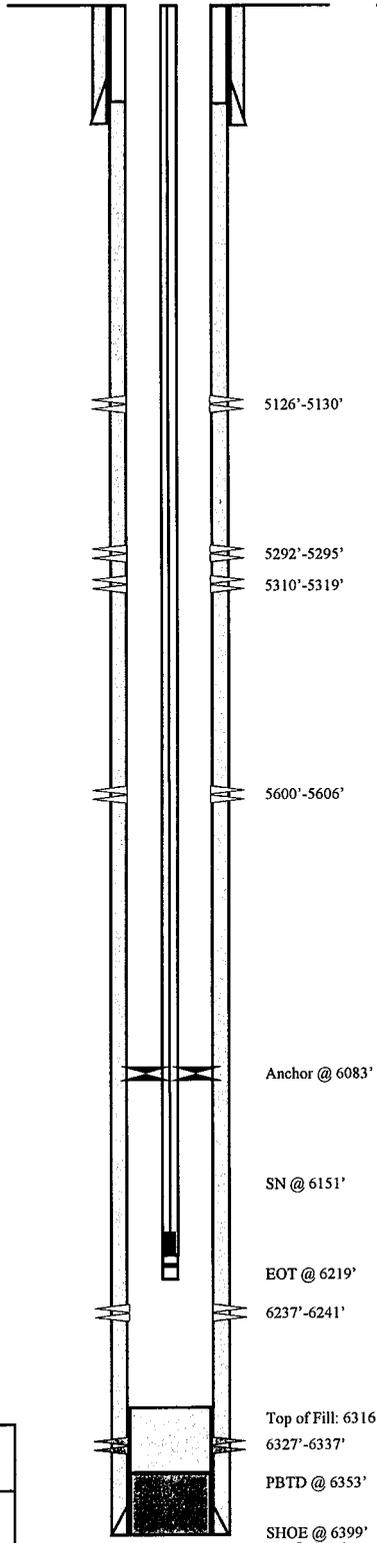
3/12/97 6237'-6337' **Frac CP-4 & CP-5 sands as follows:**  
 114,800# of 20/40 sand in 551 bbls of Boragel. Treated at avg rate of 26.3 bpm w/avg press of 2350 psi. ISIP-3840 psi. Calc. flush: 6237 gal. Actual flush: 4223 gal. Screened out.

3/14/97 5600'-5606' **Frac A-1 sand as follows:**  
 110,800# of 20/40 sand in 560 bbls of Boragel. Treated @ avg rate of 24.4 bpm w/avg press of 1850 psi. ISIP-2224 psi. Calc. flush: 5600 gal. Actual flush: 5518 gal.

3/17/97 5292'-5319' **Frac C sand as follows:**  
 109,100# of 20/40 sand in 566 bbls of Boragel. Treated @ avg rate of 24.8 bpm w/avg press of 1650 psi. ISIP-1879 psi. Calc. flush: 5292 gal. Actual flush: 5206 gal.

3/19/97 5292'-5319' **Frac D-1 sand as follows:**  
 113,700# of 20/40 sand in 593 bbls of Boragel. Treated @ avg rate of 20.5 bpm w/avg press of 2100 psi. ISIP-2198 psi. Calc. flush: 5126 gal. Actual flush: 5015 gal.

10/9/02 Tubing leak. Update rod and tubing details.  
 2/21/03 Parted rods. Update rod details.  
 5/17/03 Tubing leak. Update rod and tubing details.  
 1/13/04 Parted rods. Update rod details.  
 9/1/04 Parted rods. Update rod details.



**PERFORATION RECORD**

3/12/97	6237'-6241'	4 JSPF	16 holes
3/12/97	6327'-6337'	4 JSPF	40 holes
3/13/97	5600'-5606'	4 JSPF	24 holes
3/15/97	5292'-5295'	4 JSPF	12 holes
3/15/97	5310'-5319'	4 JSPF	36 holes
3/18/97	5126'-5130'	4 JSPF	16 holes

**Inland Resources Inc.**

**Monument Butte Federal #8-26-8-16**

1891 FNL & 655 FEL  
 SENE Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31744; Lease #U-73088

Spud Date: 4/12/97  
 Put on Production: 5/16/97  
 Put on Injection: 3/20/98  
 GL: 5552' KB: 5565'

# Monument Butte Federal #13-26-8-16

Initial Production: 60 BOPD,  
 112 MCFPD, 8 BWPD

Injection Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 287.25'(7 jts.)  
 DEPTH LANDED: 285.65' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, w/8 bbls cmt to surface.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts. (6154.47')  
 DEPTH LANDED: 6196'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 370 sk Hibond mixed & 340 sxs thixotropic  
 CEMENT TOP AT: 980' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 159 jts  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4927' KB  
 PACKER AT: 4933' KB  
 TOTAL STRING LENGTH: EOT @ 4933' KB

**FRAC JOB**

5/5/97 5684'-5720' **Frac LODC sand as follows:**  
 92,400# of 20/40 sd in 483 bbls Boragel.  
 Treated @ ave rate of 28 bpm w/ave press  
 of 2400 psi. ISIP: 3024 psi. Calc.  
 Flush: 5684 gal. Actual flush: 5617 gal.

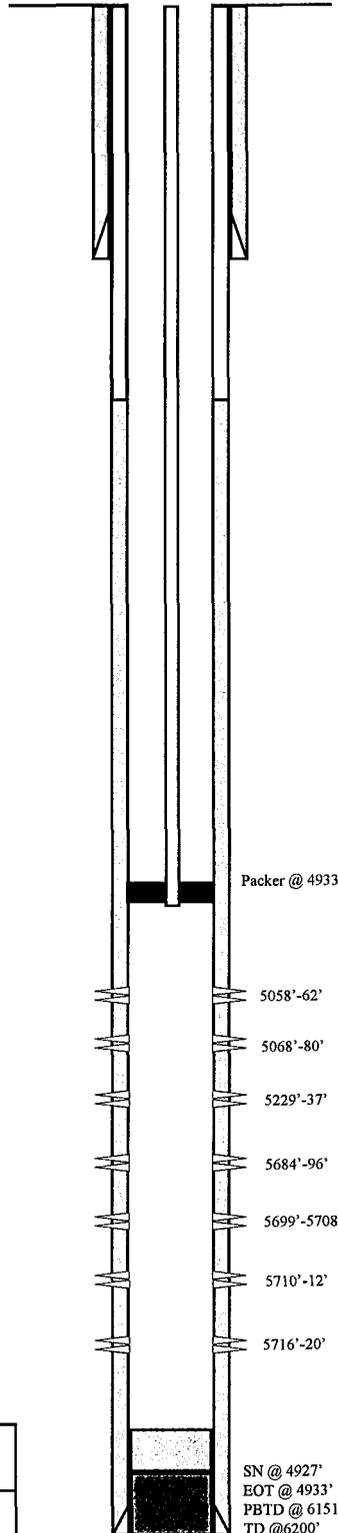
5/7/97 5229'-5237' **Frac C sand as follows:**  
 Load hole w/3000 gal of pad, 1000 gal w/1-  
 6 ppg of 20/40 sd, 482 gal w/6-8 ppg of  
 20/40 sd stage. Perfs won't break. Max  
 press of 4500 psi. Total fluid pumped - 107  
 bbls w/6500# sd in csg.

5/8/97 5229'-5237' Perfs broke @ 3856 psi. Pump 6 bbls acid  
 into perfs @ 4.0 bpm w/2077 psi. SD 5  
 min. Pump remainder of acid plus 5 bbls wtr  
 into perfs @ 4.1 bpm w/2100 psi. ISIP:  
 1744 psi, 5 min: 1505 psi.

5/10/97 5229'-5237' **Frac C sand as follows:**  
 86,000# of 20/40 sd in 460 bbls Boragel.  
 Treated @ ave rate of 25 bpm w/ave press  
 of 2350 psi. ISIP: 2467 psi. Calc.  
 Flush: 5229 gal. Actual flush: 5146 gal.

5/12/97 5058'-5080' **Frac D-1 sand as follows:**  
 92,000# of 20/40 sd in 450 bbls Boragel.  
 Perfs broke @ 3065 psi. Treated @ ave rate  
 of 25.8 bpm w/ave press of 1800 psi. ISIP:  
 2193 psi. Calc. flush: 5058 gal. Actual  
 flush: 4363 gal.

3/17/98 Convert to injector.



**PERFORATION RECORD**

Date	Interval	Tool	Holes
5/2/97	5684'-5696'	4 JSPF	48 holes
5/2/97	5699'-5708'	4 JSPF	36 holes
5/2/97	5710'-5712'	4 JSPF	8 holes
5/2/97	5716'-5720'	4 JSPF	16 holes
5/6/97	5229'-5237'	4 JSPF	32 holes
5/10/97	5058'-5062'	4 JSPF	16 holes
5/10/97	5068'-5080'	4 JSPF	48 holes

**Inland Resources Inc.**

**Monument Butte Federal #13-26-8-16**

660 FSL & 660 FWL  
 SWSW Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31512; Lease #U-73088

# Monument Butte Federal #11-26

Spud Date: 3/14/97

Initial Production: 93 BOPD,  
120 MCFPD, 18 BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 291.40' (7 jts.)  
DEPTH LANDED: 291' GL  
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: 151 jts. (6357.73')  
DEPTH LANDED: 6354.71'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 390 sk Hibond mixed & 370 sxs thixotropic  
CEMENT TOP AT: 3370' per CBL

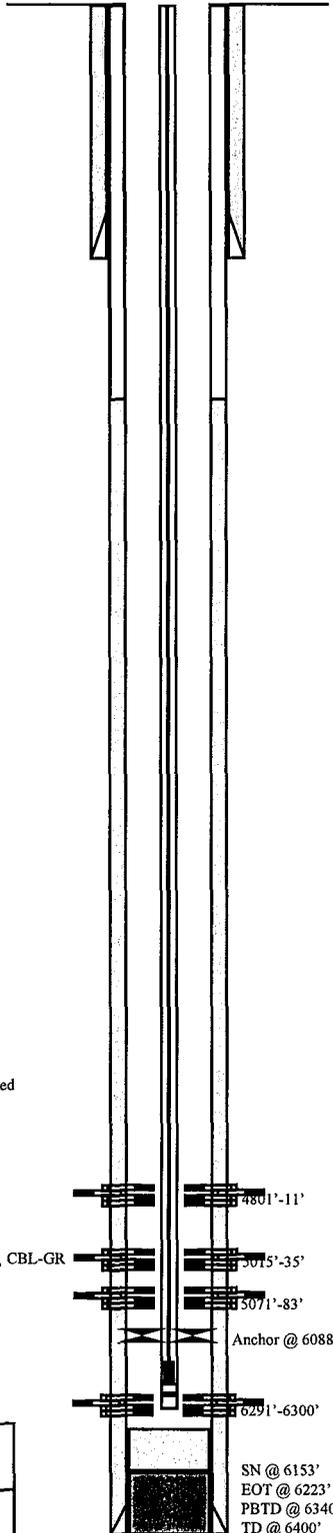
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / WC-50 & J-55 / 6.5#  
NO. OF JOINTS: 206 jts  
TUBING ANCHOR: 6088'  
SEATING NIPPLE: 2-7/8" (1.10')  
TOTAL STRING LENGTH: EOT @ 6223'  
SN LANDED AT: 6153'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 4-1" scraped, 142-3/4" slick rods, 99-3/4" scraped  
TOTAL ROD STRING LENGTH: ?  
PUMP NUMBER: ?  
PUMP SIZE: 2-1/2" x 1-1/2" x 16" RHAC pump  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 7-1/2 SPM  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**Wellbore Diagram**



**FRAC JOB**

3/27/97 6291'-6300' **Frac CP-4 sand as follows:**  
79,400# of 20/40 sand in 441 bbls of Boragel. Screened out w/5133 gal flush pumped (69,900# sand in formation, 9500# sand in csg). Perfs broke @ 4006 psi. Treated @ avg rate of 26.5 bpm w/avg press of 2900 psi. ISIP-4000psi, 5-min 2466 psi. Flowback on 12/64" ck for 3 hours and died.

3/28/97 5015'-5083' **Frac D-1 and D-Stray sands as follows:**  
123,500# of 20/40 sand in 592 bbls of Boragel. Breakdown @ 2830 psi. Treated @ avg rate of 24 bpm w/avg press of 1700 psi. ISIP-2885 psi, 5-min 2730 psi. Flowback on 12/64" ck for 3 hours and died.

3/31/97 4801'-4813' **Frac PB-10 sand as follows:**  
91,100# of 20/40 sand in 492 bbls of Boragel. Perfs broke @ 3546 psi. Treated @ avg rate of 22.2 bpm w/avg press of 2200 psi. ISIP-2787 psi, 5-min 2691 psi. Flowback on 12/64" ck for 3 hours and died.

**PERFORATION RECORD**

3/26/97	6291'-6300'	4 JSPF	36 holes
3/28/97	5015'-5035'	4 JSPF	80 holes
3/28/97	5071'-5083'	4 JSPF	48 holes
3/29/97	4801'-4811'	4 JSPF	40 holes



**Inland Resources Inc.**

**Monument Butte Federal #11-26**

1980 FWL 1980 FSL  
NESW Section 26-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31673; Lease #U-34346

# Monument Butte Federal #10-26-8-16

Spud Date: 11/07/96  
 POP: 12/21/96  
 GL: 5496' KB: 5509'

Initial Production: 210 BOPD,  
 198 MCFPD, 12 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 294.30'(7 jts.)  
 DEPTH LANDED: 293.70' GL  
 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: 148 jts. (6253.94')  
 DEPTH LANDED: 6253'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 340 sk Hibond mixed & 360 sxs thixotropic  
 CEMENT TOP AT: 756' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 188 jts (5809.32')  
 TUBING ANCHOR: 5822.32' KB  
 NO. OF JOINTS: 2 jts (61.78')  
 SEATING NIPPLE: 2-7/8" (1.10")  
 SN LANDED AT: 5886.90' KB  
 NO. OF JOINTS: 1 jts (30.89')  
 TOTAL STRING LENGTH: EOT @ 5919.34' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
 SUCKER RODS: 2-6' x 7/8" pony rod, 100 - 7/8" scraped rods, 94 - 3/4" plain rods, 34 - 3/4" scraped rods, 6-1 1/2" weighted rods  
 PUMP SIZE: 2 1/2" x 1 3/4" x 16" RHAC pump  
 STROKE LENGTH: 78"  
 PUMP SPEED, SPM: 7 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

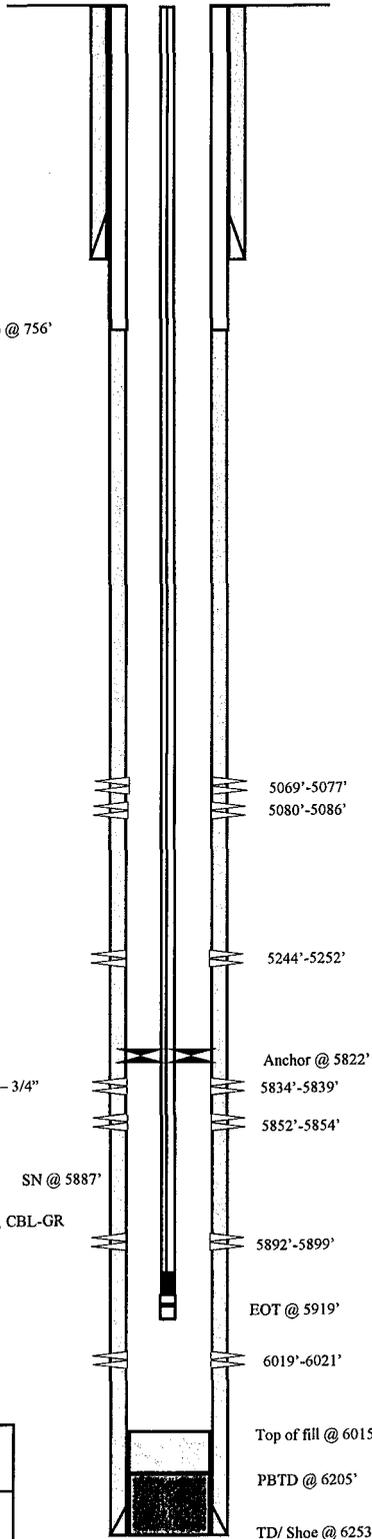
12/11/96 5834'-6021' **Frac CP-1 & LODC sands as follows:**  
 119,500# of 20/40 sand in 661 bbls of Boragel. Breakdown @ 2617 psi. Treated @ avg rate of 34.5 bpm w/avg press of 1750 psi. ISIP-2100 psi, 5-min 1978 psi. Flowback on 12/64" ck for 3 hours and died.

12/13/96 5244'-5252' **Frac C sand as follows:**  
 98,700# of 20/40 sand in 519 bbls of Boragel. Breakdown @ 3360 psi. Treated @ avg rate of 20.3 bpm w/avg press of 2000 psi. ISIP-3768 psi, 5-min 3417 psi. Flowback on 12/64" ck for 12 min and died.

12/16/96 5069'-5086' **Frac D-1 sand as follows:**  
 109,100# of 20/40 sand in 551 bbls of Boragel. Breakdown @ 3367 psi. Treated @ avg rate of 20.4 bpm w/avg press of 1800 psi. ISIP-2580 psi, 5-min 2485 psi. Flowback on 12/64" ck for 2 hours and died.

03/18/02 Tubing leak. Update rod and tubing details.  
 07/09/03 Parted Rods. Update rod detail.  
 03/01/05 Pump change. Updated rod detail.

Cement top @ 756'



**PERFORATION RECORD**

Date	Depth Range	Number of Joints	Number of Holes
12/10/96	6019'-6021'	4 JSPP	8 holes
12/10/96	5892'-5899'	4 JSPP	28 holes
12/10/96	5852'-5854'	4 JSPP	8 holes
12/10/96	5834'-5839'	4 JSPP	20 holes
12/12/96	5244'-5252'	4 JSPP	32 holes
12/14/96	5080'-5086'	4 JSPP	24 holes
12/14/96	5069'-5077'	4 JSPP	32 holes

**NEWFIELD**

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**Monument Butte Federal #10-26-8-16**

1973' FSL & 1992' FEL  
 NWSE Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31668; Lease #U-34346

Spud Date: 11/13/96  
 Put on Production: 1/10/97  
 GL: 5531' KB: 5544'

# Monument Butte Federal #14-26-8-16

Initial Production: 75 BOPD,  
 121 MCFPD, 8 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 297.90'(7 jts.)  
 DEPTH LANDED: 291.30' GL  
 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: 150 jts. (6257')  
 DEPTH LANDED: 6252'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 380 sk Hibond mixed & 390 sxs thixotropic  
 CEMENT TOP AT: 442' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 191 jts (5901.89')  
 TUBING ANCHOR: 5911.89' KB  
 NO. OF JOINTS: 2 jts (62.23')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5976.92' KB  
 NO. OF JOINTS: 2 jts (62.16')  
 TOTAL STRING LENGTH: EOT @ 6040.63'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished  
 SUCKER RODS: 6-1 1/2" weight bars, 35-3/4" scraped rods, 98-3/4" plain rods, 100-3/4" scraped rods; 1-4', 1-8' x 3/4" pony rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 13' x 16' RHAC pump  
 STROKE LENGTH: 52"  
 PUMP SPEED, SPM: 5 SPM

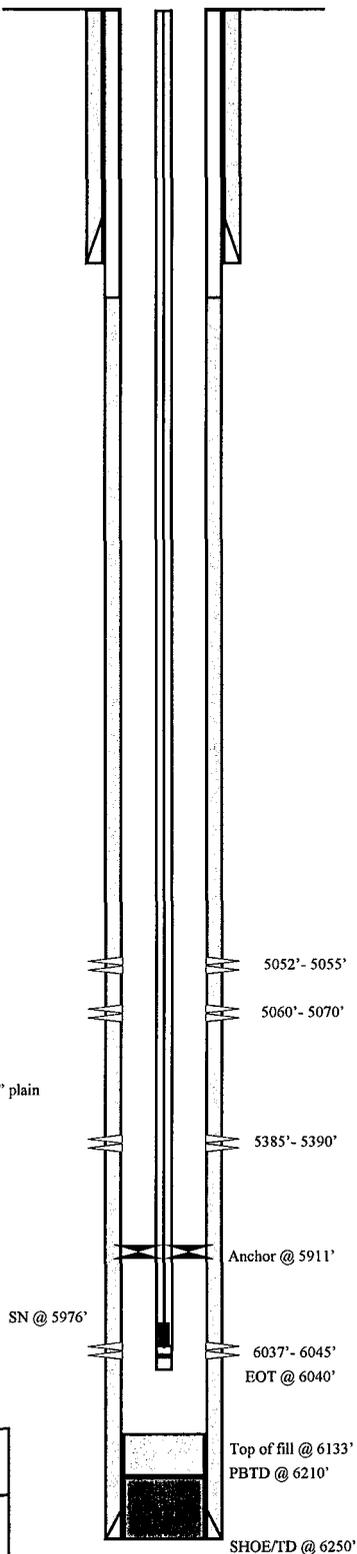
**FRAC JOB**

1/2/97 6037'-6045' **Frac CP-2 sand as follows:**  
 86,000# of 20/40 sand in 505 bbls of Boragel. Treated @ avg rate of 25.2 bpm w/avg press of 23078 psi.

1/4/97 5385'-5390' **Frac B-2 sand as follows:**  
 98,700# of 20/40 sand in 573 bbls of Boragel. Treated @ avg rate of 25.2 bpm w/avg press of 1980 psi. ISIP-2041 psi.

1/7/97 5052'-5070' **Frac D-1 sand as follows:**  
 107,600# of 20/40 sand in 546 bbls of Boragel. Treated @ avg rate of 22.5 bpm w/avg press of 2350 psi. ISIP-2902 psi.

3/21/02 Tubing leak. Update rod and tubing details.  
 8/27/02 Tubing leak. Update rod and tubing details.  
 4/3/03 Tubing leak. Update rod and tubing details.  
 1/20/06 Tubing leak. Update rod and tubing details.



**PERFORATION RECORD**

12/30/96	6037'-6045'	4 JSPF	32 holes
1/03/97	5385'-5390'	4 JSPF	20 holes
1/06/97	5052'-5055'	4 JSPF	12 holes
1/06/97	5060'-5070'	4 JSPF	40 holes

**NEWFIELD**

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**Monument Butte Federal NE #14-26-8-16**

660 FSL & 1980 FWL  
 SE/SW Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31703; Lease #U-34346

Attachment F

1 of 6

<b>Analytical Laboratory Report for:</b> <b>NEWFIELD PRODUCTION COMPANY</b>		<b>Chemical Services</b>
		<b>Account Representative:</b> <b>Arnold, Joe</b>

### Production Water Analysis

Listed below please find water analysis report from: Johnson Water Line, JOHNSON STATION #2 CHARGE PUMP

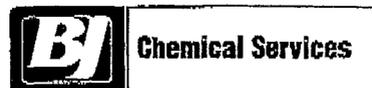
**Lab Test No:** 2006400226      **Sample Date:** 01/17/2006  
**Specific Gravity:** 1.001  
**TDS:** 357  
**pH:** 7.80

Cations:	mg/L	as:
Calcium	80.00	(Ca <sup>++</sup> )
Magnesium	24.00	(Mg <sup>++</sup> )
Sodium	0	(Na <sup>+</sup> )
Iron	1.10	(Fe <sup>++</sup> )
Manganese	0.00	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	122	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	95	(SO <sub>4</sub> <sup>=</sup> )
Chloride	35	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	0	(H <sub>2</sub> S)

NEWFIELD PRODUCTION  
COMPANY

Lab Test No: 2006400226

2 of 6

DownHole SAT™ Scale Prediction  
@ 60 deg. F

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO <sub>3</sub> )	1.01	.00108
Aragonite (CaCO <sub>3</sub> )	.876	-.0303
Witherite (BaCO <sub>3</sub> )	0	-4.93
Strontianite (SrCO <sub>3</sub> )	0	-1.54
Magnesite (MgCO <sub>3</sub> )	.202	-.693
Anhydrite (CaSO <sub>4</sub> )	.0236	-.314
Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O)	.0481	-228.43
Barite (BaSO <sub>4</sub> )	0	-.0267
Celestite (SrSO <sub>4</sub> )	0	-44.65
Silica (SiO <sub>2</sub> )	0	-32.86
Brucite (Mg(OH) <sub>2</sub> )	< 0.001	-1.05
Magnesium silicate	0	-62.42
Siderite (FeCO <sub>3</sub> )	13.52	.215
Halite (NaCl)	0	-136333
Thenardite (Na <sub>2</sub> SO <sub>4</sub> )	0	-33648
Iron sulfide (FeS)	0	-.0114

**Interpretation of DHSat Results:**

The **Saturation Index** is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The **Momentary excess** is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The **Momentary Excess** represents the amount of scale possible while the **Saturation Level** represents the probability that scale will form.

Analytical Laboratory Report for:  
**NEWFIELD PRODUCTION COMPANY**



**Chemical Services**

Account Representative:  
Roosevelt Sales

## Production Water Analysis

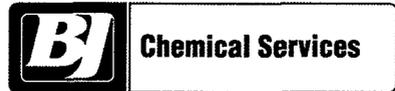
Listed below please find water analysis report from: RUN C, MONUMENT BUTTE 6-26-8-16 TREATER

Lab Test No: 2006403100      Sample Date: 10/05/2006  
Specific Gravity: 1.009  
TDS: 11492  
pH: 8.80

Cations:	mg/L	as:
Calcium	16.00	(Ca <sup>++</sup> )
Magnesium	38.00	(Mg <sup>++</sup> )
Sodium	4186	(Na <sup>+</sup> )
Iron	1.70	(Fe <sup>++</sup> )
Manganese	0.00	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	1440	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	150	(SO <sub>4</sub> <sup>=</sup> )
Chloride	5660	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	1	(H <sub>2</sub> S)

NEWFIELD PRODUCTION      Lab Test No: 2006403100  
COMPANY

**DownHole SAT™ Scale Prediction**  
**@ 130 deg. F**



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO3)	12.58	8.14
Aragonite (CaCO3)	10.46	7.97
Witherite (BaCO3)	0	-1.39
Strontianite (SrCO3)	0	-.341
Magnesite (MgCO3)	37.31	26.78
Anhydrite (CaSO4)	.0012	-770.8
Gypsum (CaSO4*2H2O)	.00156	-758.61
Barite (BaSO4)	0	-.322
Celestite (SrSO4)	0	-103.16
Silica (SiO2)	0	-81.28
Brucite (Mg(OH)2)	.104	-1.38
Magnesium silicate	0	-120.81
Siderite (FeCO3)	2410	.594
Halite (NaCl)	< 0.001	-184954
Thenardite (Na2SO4)	< 0.001	-50900
Iron sulfide (FeS)	110.37	.141

**Interpretation of DHSat Results:**

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

DownHole SAT(tm)  
MIXED WATER CHEMISTRY

5 of 6

1) Johnson Water

2) M B 6-26-8-16

Report Date: 10-18-2006

CATIONS

Calcium (as Ca)	120.00
Magnesium (as Mg)	127.50
Barium (as Ba)	0.00
Strontium (as Sr)	0.00
Sodium (as Na)	2093
Iron (as Fe)	1.40
Manganese (as Mn)	0.00

ANIONS

Chloride (as Cl)	3059
Sulfate (as SO4)	122.50
Dissolved CO2 (as CO2)	6.33
Bicarbonate (as HCO3)	759.98
Carbonate (as CO3)	334.58
H2S (as H2S)	0.500

PARAMETERS

pH	8.80
Temperature (°F)	130.00
Density(g/mL)	1.00
Pressure(atm)	1.00
Calculated T.D.S.	6626
Molar Conductivity	9120

BJ Chemical Services  
Roosevelt, Utah

DownHole SAT (tm)  
MIXED WATER DEPOSITION POTENTIAL INDICATORS

6 of 6

1) Johnson Water

2) M B 6-26-8-16

Report Date: 10-18-2006

SATURATION LEVEL

Calcite (CaCO3)	104.44
Aragonite (CaCO3)	86.82
Witherite (BaCO3)	0.00
Strontianite (SrCO3)	0.00
Magnesite (MgCO3)	134.83
Anhydrite (CaSO4)	0.0180
Gypsum (CaSO4*2H2O)	0.0157
Barite (BaSO4)	0.00
Magnesium silicate	0.00
Iron hydroxide (Fe(OH)3)	0.00298
Iron sulfide (FeS)	66.78

MOMENTARY EXCESS (Lbs/1000 Barrels)

Calcite (CaCO3)	38.15
Aragonite (CaCO3)	37.97
Witherite (BaCO3)	-1.19
Strontianite (SrCO3)	-0.294
Magnesite (MgCO3)	32.52
Anhydrite (CaSO4)	-415.45
Gypsum (CaSO4*2H2O)	-505.83
Barite (BaSO4)	-0.290
Magnesium silicate	-112.55
Iron hydroxide (Fe(OH)3)	< 0.001
Iron sulfide (FeS)	0.342

SIMPLE INDICES

Langelier	2.50
Stiff Davis Index	2.62

BOUND IONS

	TOTAL	FREE
Calcium	120.00	75.25
Barium	0.00	0.00
Carbonate	334.58	67.18
Phosphate	0.00	0.00
Sulfate	122.50	95.24

OPERATING CONDITIONS

Temperature (°F)	130.00
Time (mins)	3.00

BJ Chemical Services  
Roosevelt, Utah

Attachment "G"

Monument Butte Federal NE #6-26-8-16  
Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5293	5299	5296	1336	0.69	1325 ←
5118	5148	5133	2366	0.90	2355
4648	4664	4656	2818	1.04	2808
				Minimum	<u><u>1325</u></u>

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

$\text{Frac Gradient} = (\text{ISIP} + (0.433 * \text{Top Perf.})) / \text{Top Perf.}$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment G-1

1 of 4

**DAILY COMPLETION REPORT**

**WELL NAME** Monument Butte Fed NE 6-26 **Report Date** 4/22/97 **Completion Day** 3  
**Present Operation** Acidize/breakdown "C" sd **Rig** Basin #2

**WELL STATUS**

**Surf Csg:** 8-5/8 @ 303' KB **Liner** @ **Prod Csg** 5-1/2 @ 6250 **Csg PBTB** 6200  
**Tbg:** **Size** 2-7/8 **Wt** 6.5 **Grd** M-50 **Pkr/EOT @** 5282 **BP/Sand PBTB:** \_\_\_\_\_

**PERFORATION RECORD**

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<u>C</u>	<u>5293-99'</u>	<u>4/24</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

**CHRONOLOGICAL OPERATIONS**

**Date Work Performed:** 4/21/97 **SITP:** 0 **SICP:** 0

IFL @ 5000', made 1 run, rec 6 BW, FFL @ 5400'. TOH w/tbg. NU isolation tool. RU Halliburton to frac "C" sd. Load hole w/2500 gal of pad, 1000 gal of 1-6 PPG of 20/40 sd, 2031 gal of 6-8 PPG of 20/40 sd stage. Perfs wouldn't break down. Max press of 4504 psi. Total fluid pumped of 132 bbls w/12,300# sand. RD Halliburton. TIH w/NC & tbg. Clean out sd to 6088'. TOH w/tbg. TIH w/5-1/2" pkr to 5282'. SIFN. Est 132 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>132</u>	<b>Oil lost/recovered today</b> <u>0</u>
<b>Ending fluid to be recovered</b> <u>132</u>	<b>Cum oil recovered</b> <u>0</u>
<b>IFL</b> <u>5000</u> <b>FFL</b> <u>5400</u> <b>FTP</b> _____	<b>Choke</b> _____ <b>Final Fluid Rate</b> _____ <b>Final oil cut</b> _____

**STIMULATION DETAIL**

**Base Fluid used:** Boragel **Job Type:** Sand frac  
**Company:** Halliburton  
**Procedure:** \_\_\_\_\_  
2500 gal pad  
1000 gal w/1-6 PPG of 20/40 sd  
2031 gal w/6-8 PPG of 20/40 sd stage

**COSTS**

<u>Basin-rig</u>	<u>1,418</u>
<u>BOP</u>	<u>140</u>
<u>Tanks</u>	<u>90</u>
<u>HO trk</u>	<u>815</u>
<u>Frac</u>	<u>12,203</u>
<u>IPC-supervision</u>	<u>200</u>

\*Perfs would not break

**Max TP** 4504 **Max Rate** \_\_\_\_\_ **Total fluid pmpd:** 132 bbls  
**Avg TP** \_\_\_\_\_ **Avg Rate** \_\_\_\_\_ **Total Prop pmpd** 12,300#  
**ISIP** \_\_\_\_\_ **5 min** \_\_\_\_\_ **10 min** \_\_\_\_\_ **15 min** \_\_\_\_\_

**Completion Supervisor:** Gary Dietz

**DAILY COST:** \$14,866  
**TOTAL WELL COST:** \$192,688



2 of 4

DAILY COMPLETION REPORT

WELL NAME Monument Butte Fed NE 6-26 Report Date 4/23/97 Completion Day 4
Present Operation Frac "C" sd Rig Basin #2

WELL STATUS

Surf Csg: 8-5/8 @ 303' KB Liner @ Prod Csg 5-1/2 @ 6250 Csg PBD 6200
Tbg: Size 2-7/8 Wt 6.5 Grd M-50 Pkr/EOT @ 5282 BP/Sand PBD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Row 1: C, 5293-99', 4/24, , , ,

CHRONOLOGICAL OPERATIONS

Date Work Performed: 4/22/97 SITP: 0 SICP: 0

RU Halliburton to tbg. Spot 500 gal 15% HCl acid to end of tbg. Set pkr @ 5282'. Start pumping acid into perfs. Breakdown @ 3310 psi. Pump 6 bbls acid into perfs @ 1.5 bpm w/3100 psi. SD 5 min. Pump remainder of acid plus 5 bbls wtr into perfs @ 2.7 bpm w/1550 psi. ISIP: 1336 psi, 5 min: 1084 psi, 10 min: 921 psi, 15 min: 772 psi. Release pkr. RU swb. IFL @ sfc, rec 110 BW, FFL @ 5200'. SIFN. Est 70 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered 132 Starting oil rec to date 0
Fluid lost/recovered today 62 Oil lost/recovered today 0
Ending fluid to be recovered 70 Cum oil recovered 0
IFL sfc FFL 5200 FTP Choke Final Fluid Rate Final oil cut 0

STIMULATION DETAIL

COSTS

Base Fluid used: KCl wtr Job Type: Acid Breakdown
Company: Halliburton
Procedure:
(12 bbl) 500 gal 15% HCl acid w/additives
36 bbl flush (overflush 5 bbls)

Basin-rig 890
BOP 140
Tanks 90
Pkr 984
Halliburton-acid 2,330
IPC-supervision 200

Max TP 3353 Max Rate 2.7 Total fluid pmpd: 48 bbls
Avg TP 940 Avg Rate 1.8 Total Prop pmpd 0
ISIP 1336 5 min 1084 10 min 921 15 min 772

Completion Supervisor: Gary Dietz

DAILY COST: \$5,431
TOTAL WELL COST: \$198,119



3 of 4

### DAILY COMPLETION REPORT

**WELL NAME** Monument Butte Fed NE 6-26    **Report Date** 4/26/97    **Completion Day** 7  
**Present Operation** Perf "GB" sd    **Rig** Basin #2

#### WELL STATUS

**Surf Csg:** 8-5/8 @ 303' KB    **Liner** \_\_\_\_\_    **Prod Csg** 5-1/2 @ 6250    **Csg PBD** 6200  
**Tbg:**    **Size** 2-7/8    **Wt** 6.5    **Grd** M-50    **Pkr/EOT @** \_\_\_\_\_    **BP/Sand PBD:** 5256

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C	5293-99'	4/24			
D	5118-30'	4/48			
D	5141-43'	4/8			
D	5145-48'	4/12			

#### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 4/25/97    **SITP:** 0    **SICP:** 60

Bleed gas off csg. IFL @ 4800', made 2 runs, rec 2 BW, FFL @ 5000'. TOH w/tbg. NU isolation tool. RU Halliburton to frac "D" sd w/92,000# of 20/40 sd in 479 bbls Boragel. Perfs broke @ 2270 psi. Treated @ ave press of 1950 psi w/ave rate of 25.3 bpm. ISIP: 2366 psi, 5 min: 2227 psi. Flowback on 12/64" ck for 2-1/2 hrs & died. Rec 110 BTF. SIFN. Est 491 BWTR.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>124</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>367</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>491</u>	Cum oil recovered	<u>0</u>
IFL <u>4800</u> FFL <u>5000</u> FTP _____		Choke <u>12/64</u> Final Fluid Rate _____	Final oil cut <u>0</u>

#### STIMULATION DETAIL

**Base Fluid used:** Boragel    **Job Type:** Sand Frac  
**Company:** Halliburton  
**Procedure:** \_\_\_\_\_  
3000 gal pad  
1000 gal w/1-6 PPG of 20/40 sd  
10000 gal w/6-8 PPG of 20/40 sd  
1137 gal w/8-10 PPG of 20/40 sd  
Flush w/5003 gal of 10# linear gel

#### COSTS

Basin-rig	<u>717</u>
BOP	<u>140</u>
Tanks	<u>90</u>
Frac	<u>19,923</u>
Flowback-super	<u>100</u>
HO trk	<u>660</u>
IPC-supervision	<u>200</u>

**Max TP** 2700    **Max Rate** 29.7    **Total fluid pmpd:** 479 bbls  
**Avg TP** 1950    **Avg Rate** 25.3    **Total Prop pmpd** 92,000#  
**ISIP** 2366    **5 min** 2227    **10 min** \_\_\_\_\_    **15 min** \_\_\_\_\_  
**Completion Supervisor:** Gary Dietz

**DAILY COST:** \$21,830  
**TOTAL WELL COST:** \$240,644



4084

### DAILY COMPLETION REPORT

**WELL NAME** Monument Butte Fed NE 6-26 **Report Date** 4/29/97 **Completion Day** 9  
**Present Operation** Pull plugs **Rig** Basin #2

#### WELL STATUS

**Surf Csg:** 8-5/8 @ 303' KB **Liner** \_\_\_\_\_ **@** \_\_\_\_\_ **Prod Csg** 5-1/2 @ 6250 **Csg PBDT** 6200  
**Tbg:** **Size** 2-7/8 **Wt** 6.5 **Grd** M-50 **Pkr/EOT @** \_\_\_\_\_ **BP/Sand PBDT:** 4756

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C	5293-99'	4/24	GB	4648-64'	4/64
D	5118-30'	4/48			
D	5141-43'	4/8			
D	5145-48'	4/12			

#### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 4/28/97 **SITP:** 0 **SICP:** 0

IFL @ 4300', made 2 runs, rec 4 BW, FFL @ 4500'. TOH w/tbg. NU isolation tool. RU Halliburton to frac "GB" sd w/89,400# of 20/40 sd in 456 bbls Boragel. Perfs broke @ 3089 psi. Treated @ ave rate of 24.7 bpm w/ave press of 2200 psi. ISIP: 2818 psi, 5 min: 2774 psi. Flowback on 12/64" ck for 4 hrs & died. Rec 165 BTF. SIFN. Est 680 BWTR.

#### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered** 393 **Starting oil rec to date** 0  
**Fluid lost/recovered today** 287 **Oil lost/recovered today** 0  
**Ending fluid to be recovered** 680 **Cum oil recovered** 0  
**IFL** 4300 **FFL** 4500 **FTP** \_\_\_\_\_ **Choke** 12/64 **Final Fluid Rate** \_\_\_\_\_ **Final oil cut** \_\_\_\_\_

#### STIMULATION DETAIL

**Base Fluid used:** Boragel **Job Type:** Sand Frac  
**Company:** Halliburton  
**Procedure:** \_\_\_\_\_  
3000 gal pad  
1000 gal w/1-6 PPG of 20/40 sd  
8000 gal w/6-8 PPG of 20/40 sd  
1000 gal w/8-10 PPG of 20/40 sd  
1614 gal w/10 PPG of 20/40 sd  
Flush w/4554 gal of 10# linear gel

#### COSTS

**Basin-rig** 720  
**BOP** 140  
**Tanks** 90  
**Frac** 23,694  
**HO trk** 660  
**Flowback-super** 100  
**IPC-supervision** 200

**Max TP** 3089 **Max Rate** 27.3 **Total fluid pmpd:** 456 bbls  
**Avg TP** 2200 **Avg Rate** 24.7 **Total Prop pmpd** 89,400#  
**ISIP** 2818 **5 min** 2774 **10 min** \_\_\_\_\_ **15 min** \_\_\_\_\_  
**Completion Supervisor:** Gary Dietz

**DAILY COST:** \$25,604  
**TOTAL WELL COST:** \$269,907

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4553'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class G cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. RU perforators and perforate 4 JSPF @ 340'.
5. Plug #3 Circulate 106 sx Class G cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus to surface.

The approximate cost to plug and abandon this well is \$33,025.

Monument Butte Federal NE #6-26-8-16

Spud Date: 4/4/97  
 Put on Production: 5/1/97  
 GL: 5510' KB: 5523'

Initial Production: 178 BOPD,  
 192 MCFPD, 15 BWPD

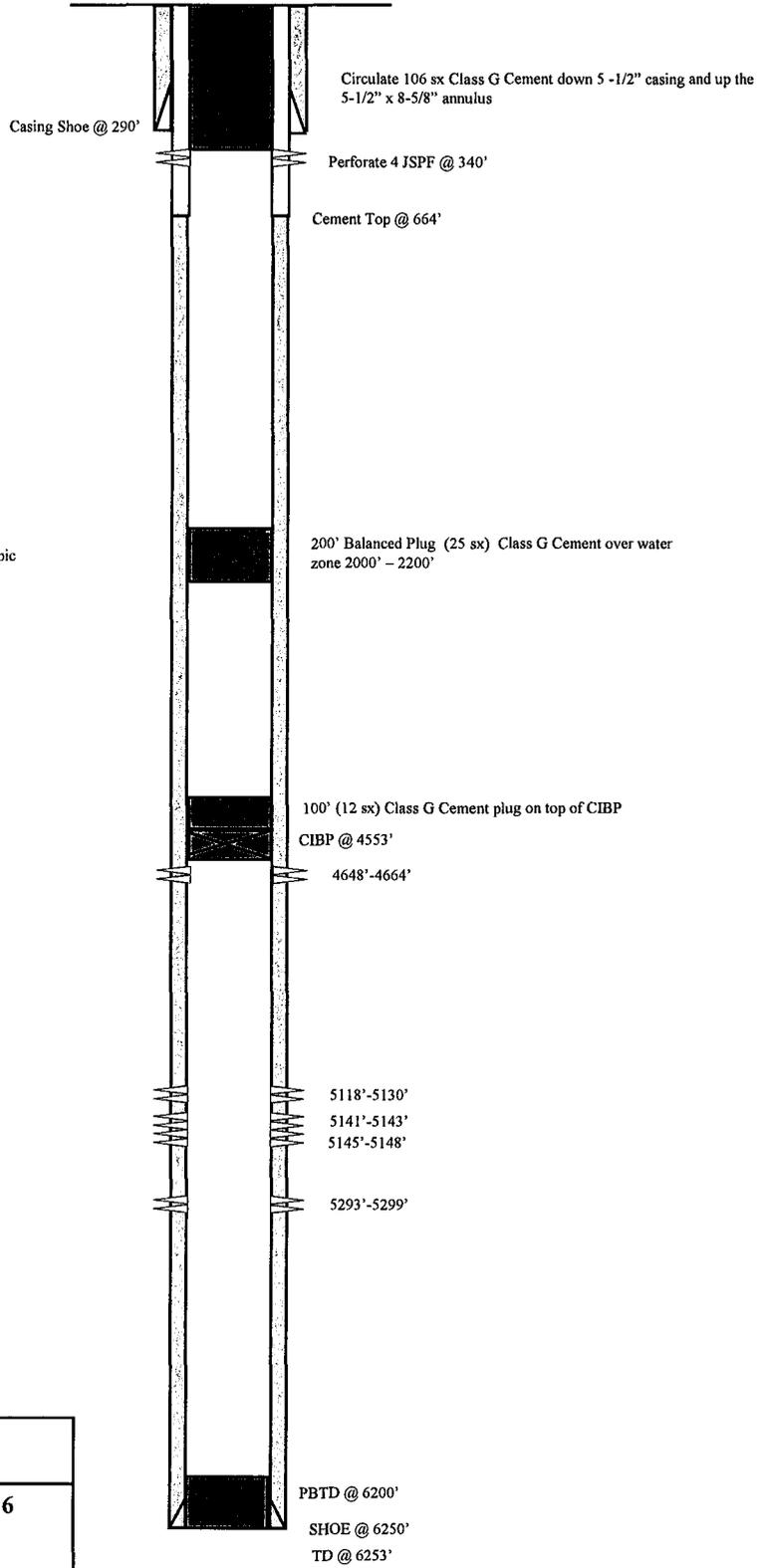
Proposed P & A  
 Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 292.52'(7 jts.)  
 DEPTH LANDED: 290.25' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est. 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 148 jts. (6210.98')  
 DEPTH LANDED: 6249.89'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 690 sk Hibond mixed & 510 sxs thixotropic  
 CEMENT TOP AT: 664' per CBL




<p><b>Monument Butte Federal NE #6-26-8-16</b></p> <p>1980 FNL 1980 FWL</p> <p>SE/NW Section 26-T8S-R16E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-31770; Lease #UTU-73088</p>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
U-73088

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
HAWKEYE UNIT

8. Well Name and No.  
MON BT NE 6-26-8-16

9. API Well No.  
4301331770

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980 FNL 1980 FWL  
SENW Section 26 T8S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)  
David Gerbjic  
Signature *David Gerbjic*

Title  
Operations Engineer

Date  
12-6-06

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

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abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.  
U-73088

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
HAWKEYE UNIT

8. Well Name and No.  
MON BT NE 6-26-8-16

9. API Well No.  
4301331770

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1980 FNL 1980 FWL  
SENW Section 26 T8S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed)  
David Gerbig  
Signature *David Gerbig*

Title  
Operations Engineer

Date  
12-6-06

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

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

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

**RECEIVED**  
DEC 14 2006  
DIV. OF OIL, GAS & MINING

# NEWFIELD



November 13, 2008

Mr. Brad Hill  
State of Utah, DOGM  
1594 West North Temple-Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Injection Conversion/MIT  
Monument Butte Federal 6-26-8-16  
Sec.26, T8S, R16E  
API #43-013-31770

Mr. Brad Hill:

The subject well was converted from a producing oil well to a water injection well. An MIT was performed. Please find enclosed the sundry, a copy of the tabular, work detail and chart. If you have any questions, please contact me at 435-646-4848.

Sincerely,

A handwritten signature in cursive script that reads "Callie Ross".

Callie Ross  
Production Clerk

**RECEIVED**

**NOV 18 2008**

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-73088

**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:  
HAWKEYE UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
MBF NE 6-26

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301331770

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 1980 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 26, T8S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:  11/04/2008	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Injection Conversion
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

On 11/6/08 Dennis Ingram with the State of Utah (DOG M) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 11/7/08. On 11/7/08 the csg was pressured up to 1070 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 200 psig during the test. There was not a State representative available to witness the test.

API # 43-013-31770

NAME (PLEASE PRINT) Callie Duncan

TITLE Production Clerk

SIGNATURE *Callie Ross*

DATE 11/13/2008

(This space for State use only)

**RECEIVED**  
**NOV 18 2008**  
**DIV. OF OIL, GAS & MINING**

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

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

Witness: \_\_\_\_\_ Date 11/17/08 Time 9:40 am pm

Test Conducted by: DAVE CLOWARD

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

<b>Well:</b> MONUMENT BUTTE FEDERAL 6-26-8-16	<b>Field:</b> MONUMENT BUTTE FEDERAL HAWKEYE UNIT
<b>Well Location:</b> SE/NW SEC. 26 T8S R16E HAWKEYE UNIT	<b>API No:</b> 43-013-31770

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1070</u>	psig
5	<u>1070</u>	psig
10	<u>1070</u>	psig
15	<u>1070</u>	psig
20	<u>1070</u>	psig
25	<u>1070</u>	psig
30 min	<u>1070</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 200 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_  
Signature of Person Conducting Test: David Cloward



**MON BT NE 6-26-8-16****9/1/2008 To 1/30/2009****10/31/2008 Day: 1****Conversion**

**Stone #5 on 10/30/2008 - MIRU Stone #5. RU HO trk to annulus & pump 70 BW @ 250°F. RD pumping unit. Work at unseating rod pump W/ no success. SIFN.**

**11/1/2008 Day: 2****Conversion**

**Stone #5 on 10/31/2008 - RU HO trk & pump additional - BW dn annulus @ 250°F. Pumping @ 500 to 1000 psi--well won't circulate. Stack out on rods & back off polished rod. Strip off flow-T. Pressure up on tbg to 5000 psi & holds. Retrieve rod string & try unseating pump W/ no success. Back off rods. Well flowing sparadically. LD rod string. Recovered valve rod bushing f/ pump. RU HO trk to tbg. Pressure up to 5000 psi & holds. Strip on & NU BOP. SIFN. Line up tbg puncher for Monday AM.**

**11/4/2008 Day: 3****Conversion**

**Stone #5 on 11/3/2008 - RU HO trk & pump 60 BW dn annulus @ 250°F. Seems to be circulating this AM. RU Perforators LLC & RIH W/ 1 11/16" tbg puncher. Perf 2-1/4" holes 4' above SN. RD WLT. RU HO trk & flush tbg W/ 40 BW @ 250°F. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. Had problems W/ TA hanging up in casing collars. Having to flush thick wax f/ tbg ID (3 times W/ 30 BW each). LD 3 bad joints & changed out 26 collars. Out W/ 148 jts total. SIFN.**

**11/5/2008 Day: 4****Conversion**

**Stone #5 on 11/4/2008 - Con't TOH W/ production tbg. Broke each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 26 jts tbg & BHA. Found TA missing 1 set of drag springs and 1 slip segment. MU & TIH W/ injection string as follows: new Weatherford 5 1/2" Arrowset 1-X pkr (W/ W.L. re-entry guide & hardened steel slips), new 2 7/8 SN & 148 jts 2 7/8 8rd 6.5# M-50 tbg. RU HO trk & pump 15 bbl pad. Drop standing valve & pump to SN. Pressure up on tbg to 3000 psi. Held solid for 30 minutes. RIH W/ overshot on sdline. Latch onto & pull standing valve. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8625 in 70 bbls fresh wtr. RU HO trk & pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4609', CE @ 4614' & EOT @ 4618'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test casing & pkr to 1400 psi. Holds solid for 1 hr. Leave pressure on well. RDMOSU. Well ready for MIT.**

**11/8/2008 Day: 5****Conversion**

**Rigless on 11/7/2008 - On 11/6/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (MB 6-26-8-16). Permission was given at that time to perform the test on 11/7/08. On 11/7/08 the csg was pressured up to 1070 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tbg pressure was 200 psig during the test. There was not a State representative available to witness the test. API # 43-013-31770**

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-73088

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:  
HAWKEYE UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
MBF NE 6-26

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301331770

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 1980 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 26, T8S, R16E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will <u>12/11/2008</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Change status put well in injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

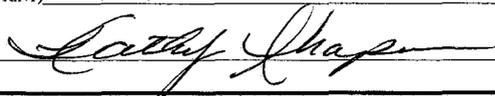
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 1:00 PM on 12-11-08.

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE



DATE 12/18/2008

(This space for State use only)

**RECEIVED**

**DEC 22 2008**

DIV. OF OIL, GAS & MINING



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

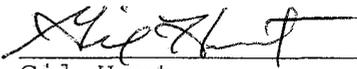
Cause No. UIC-335

**Operator:** Newfield Production Company  
**Well:** Monument Butte Federal 6-26-8-16  
**Location:** Section 26, Township 8 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-31770  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on January 24, 2007.
2. Maximum Allowable Injection Pressure: 1,325 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,411' - 6,253')

Approved by:

  
\_\_\_\_\_  
Gil Hunt  
Associate Director

11-24-08  
\_\_\_\_\_  
Date

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File



**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Monument Butte Federal 6-26-8-16

**Location:** 26/8S/16E      **API:** 43-013-31770

**Ownership Issues:** The proposed well is located on Federal land. The well is located in the Hawkeye Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Hawkeye Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 290 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6,250 feet. A cement bond log demonstrates adequate bond in this well up to 3,308 feet. A 2 7/8 inch tubing with a packer will be set at 4,613. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells, 4 injection wells, 1 shut-in well and 1 P/A well in the area of review. All of the wells have evidence of adequate casing and cement. No corrective action will be required.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is near the surface. Injection shall be limited to the interval between 4,411 feet and 6,253 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 6-26-8-16 well is .69 psi/ft. which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,325 psig. The requested maximum pressure is 1,325 psig. The anticipated average injection pressure is 1,100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Monument Butte Federal 6-26-8-16**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Hawkeye Unit May 23, 1997. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

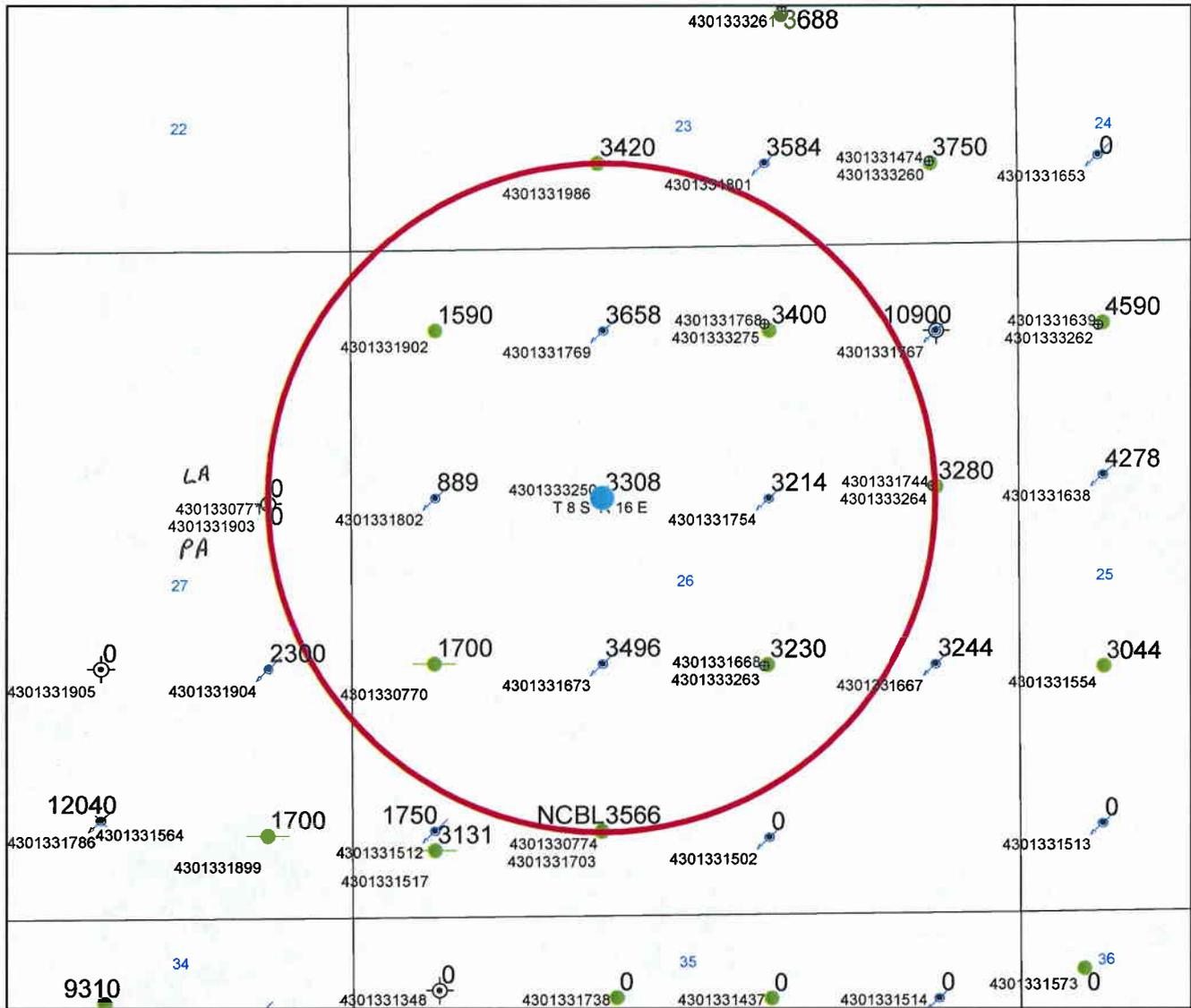
**Bonding:** Bonded with the BLM.

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that 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): Clinton Dworshak

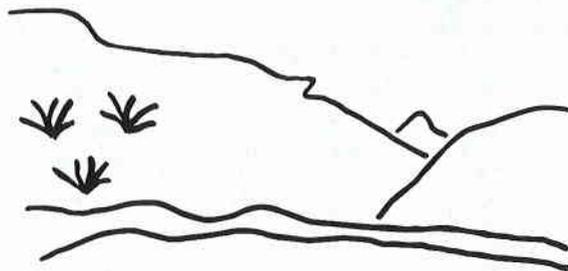
Date 01/23/2007



## Monument Butte Federal 6-26-8-16

### Legend

<b>wells point</b>	●	POW
<b>WELLTYPE</b>	★	SGW
↗	●	SOW
★	○	TA
×	○	TW
•	↗	WDW
○	↗	WIW
★	●	WSW
	•	<all other values>



Utah Oil Gas and Mining

**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 Newfield Production Company for administrative approval of the Monument Butte State 10-36-8-16, Monument Butte State 8-36-8-16, Monument Butte Federal 8-26-8-16, Monument Butte Federal 6-26-8-16, and Monument Butte Federal 2-26-8-16 wells, located in Sections 26 & 36, Township 8 South, Range 16 East, Duchesne County, Utah, for conversion to Class II injection wells. The adjudicative proceeding will be conducted informally according to Utah Admin. Rule R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the proposed 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. The Division's Presiding Officer for this proceeding is Gil Hunt, Associate Director at PO Box 145801, Salt Lake City, Utah 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedure rule. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 19th day of December, 2006.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
Gil Hunt

Associate Director  
Published in the Vernal  
Express January 10,  
2007.



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

January 24, 2007

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

Re: Hawkeye Unit Well: Monument Butte Federal 6-26-8-16, Section 26,  
Township 8 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 well to a Class II injection well. 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 Newfield 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,

Gil Hunt  
Associate Director

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

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73088
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: MBF NE 6-26
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 26 Township: 08.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013317700000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
STATE: UTAH	STATE: UTAH

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

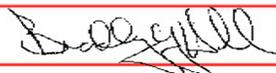
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/20/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT 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 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="Step Rate Test"/>

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

A step rate test was conducted on the subject well on March 20, 2012. Results from the test indicate that the fracture gradient is 0.805 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1325 psi to 1700 psi.

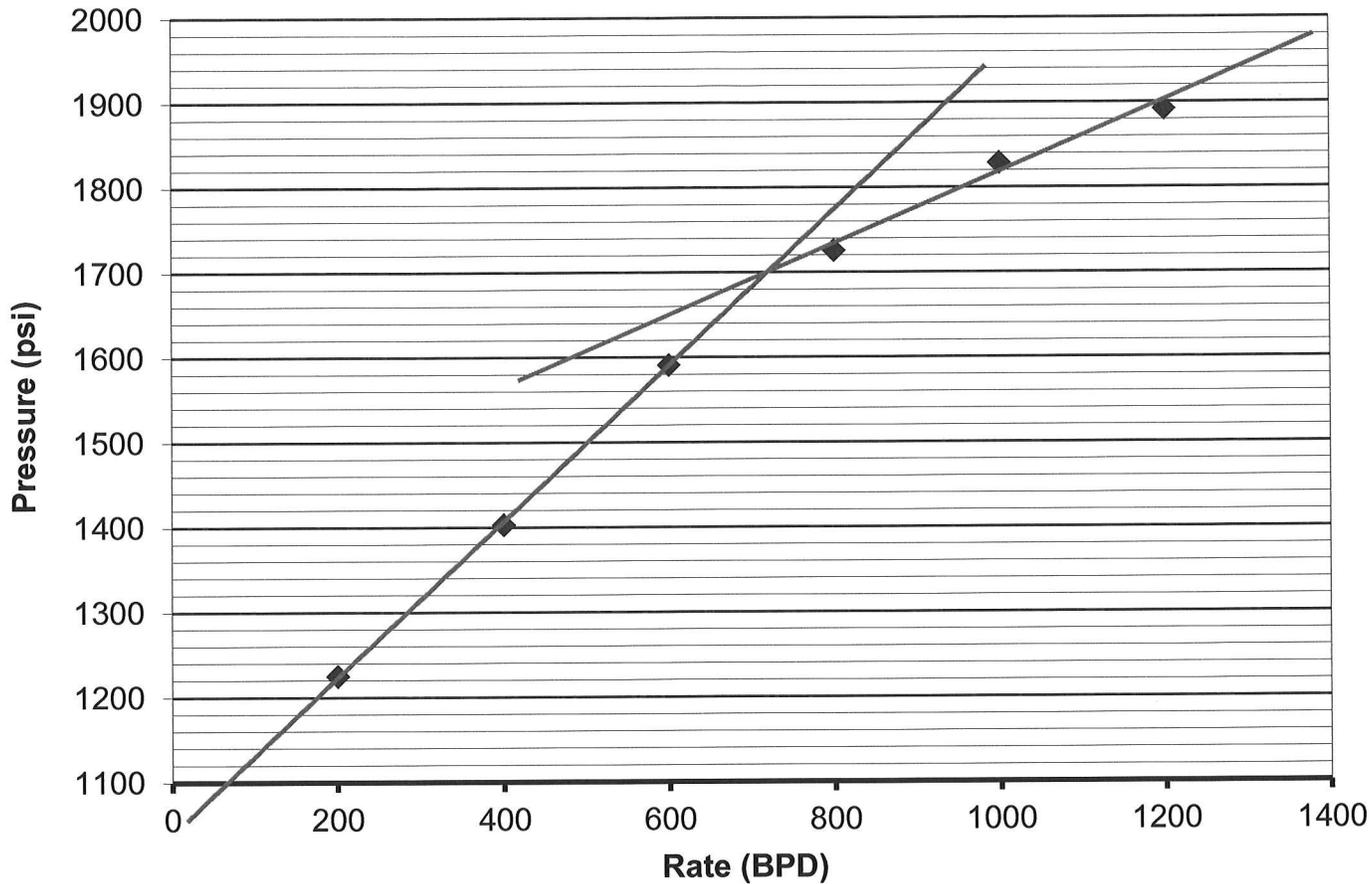
**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** March 26, 2012

**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/23/2012	

**Monument Butte NE 6-26-8-16  
Greater Monument Butte Unit  
Step Rate Test  
March 20, 2012**



<b>Start Pressure:</b>	1089 psi	<b>Step</b>	<b>Rate(bpd)</b>	<b>Pressure(psi)</b>
		1	200	1225
		2	400	1403
<b>Top Perforation:</b>	4648 feet	3	600	1591
<b>Fracture pressure (Pfp):</b>	1700 psi	4	800	1726
<b>FG:</b>	0.805 psi/ft	5	1000	1829
		6	1200	1892

**Data Table Report**

Report Name: PrTemp1000 Data Table  
 Report Date: 03/21/2012 07:21:18  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Monument Butte NE 6-26-8-16 SRT (2-20-2012).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: M75866  
 Device ID: PrTemp  
 Data Start Date: Mar 20, 2012 06:30:00 AM MDT  
 Data End Date: Mar 20, 2012 01:00:00 PM MDT  
 Reading: 1 to 79 of 79  
 Reading Rate: 2 Seconds  
 Last Calibration Date: Apr 12, 2011  
 Next Calibration Date: Apr 12, 2012  
 Next Calibration Date: Apr 12, 2012

**Monument Butte NE 6-26-8-16 SRT (3-20-2012)**

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 2 PSIA
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1	Mar 20, 2012 06:30:00 AM	1117.6
2	Mar 20, 2012 06:34:59 AM	1110.6
3	Mar 20, 2012 06:40:00 AM	1106.6
4	Mar 20, 2012 06:44:58 AM	1101.8
5	Mar 20, 2012 06:50:00 AM	1097.8
6	Mar 20, 2012 06:54:59 AM	1093.6
7	Mar 20, 2012 06:59:59 AM	1088.6
8	Mar 20, 2012 07:04:59 AM	1158.2
9	Mar 20, 2012 07:10:00 AM	1170.2
10	Mar 20, 2012 07:14:59 AM	1179.4
11	Mar 20, 2012 07:19:58 AM	1186.4
12	Mar 20, 2012 07:25:00 AM	1190.8
13	Mar 20, 2012 07:29:59 AM	1196.6
14	Mar 20, 2012 07:34:59 AM	1202
15	Mar 20, 2012 07:39:58 AM	1207.2
16	Mar 20, 2012 07:45:00 AM	1211.4
17	Mar 20, 2012 07:49:59 AM	1215.8
18	Mar 20, 2012 07:54:59 AM	1221
19	Mar 20, 2012 08:00:00 AM	1225
20	Mar 20, 2012 08:04:59 AM	1263
21	Mar 20, 2012 08:09:59 AM	1294.6
22	Mar 20, 2012 08:14:58 AM	1314
23	Mar 20, 2012 08:20:00 AM	1328.8
24	Mar 20, 2012 08:24:59 AM	1343
25	Mar 20, 2012 08:29:59 AM	1355.8
26	Mar 20, 2012 08:34:59 AM	1363
27	Mar 20, 2012 08:40:00 AM	1371.2
28	Mar 20, 2012 08:44:59 AM	1381
29	Mar 20, 2012 08:49:59 AM	1388.2
30	Mar 20, 2012 08:55:00 AM	1396.6
31	Mar 20, 2012 08:59:59 AM	1403
32	Mar 20, 2012 09:04:59 AM	1447.2
33	Mar 20, 2012 09:09:58 AM	1465.6
34	Mar 20, 2012 09:15:00 AM	1476.4
35	Mar 20, 2012 09:19:59 AM	1492.8
36	Mar 20, 2012 09:25:00 AM	1510
37	Mar 20, 2012 09:30:00 AM	1528.2
38	Mar 20, 2012 09:34:59 AM	1541.4



**Data Table Report**

Report Name: PrTemp1000 Data Table  
 Report Date: 03/21/2012 07:21:35  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Monument Butte NE 6-26-8-16 ISIP (2-20-2012).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: M75866  
 Device ID: PrTemp  
 Data Start Date: Mar 20, 2012 01:00:14 PM MDT  
 Data End Date: Mar 20, 2012 01:30:15 PM MDT  
 Reading: 1 to 31 of 31  
 Reading Rate: 2 Seconds  
 Last Calibration Date: Apr 12, 2011  
 Next Calibration Date: Apr 12, 2012  
 Next Calibration Date: Apr 12, 2012

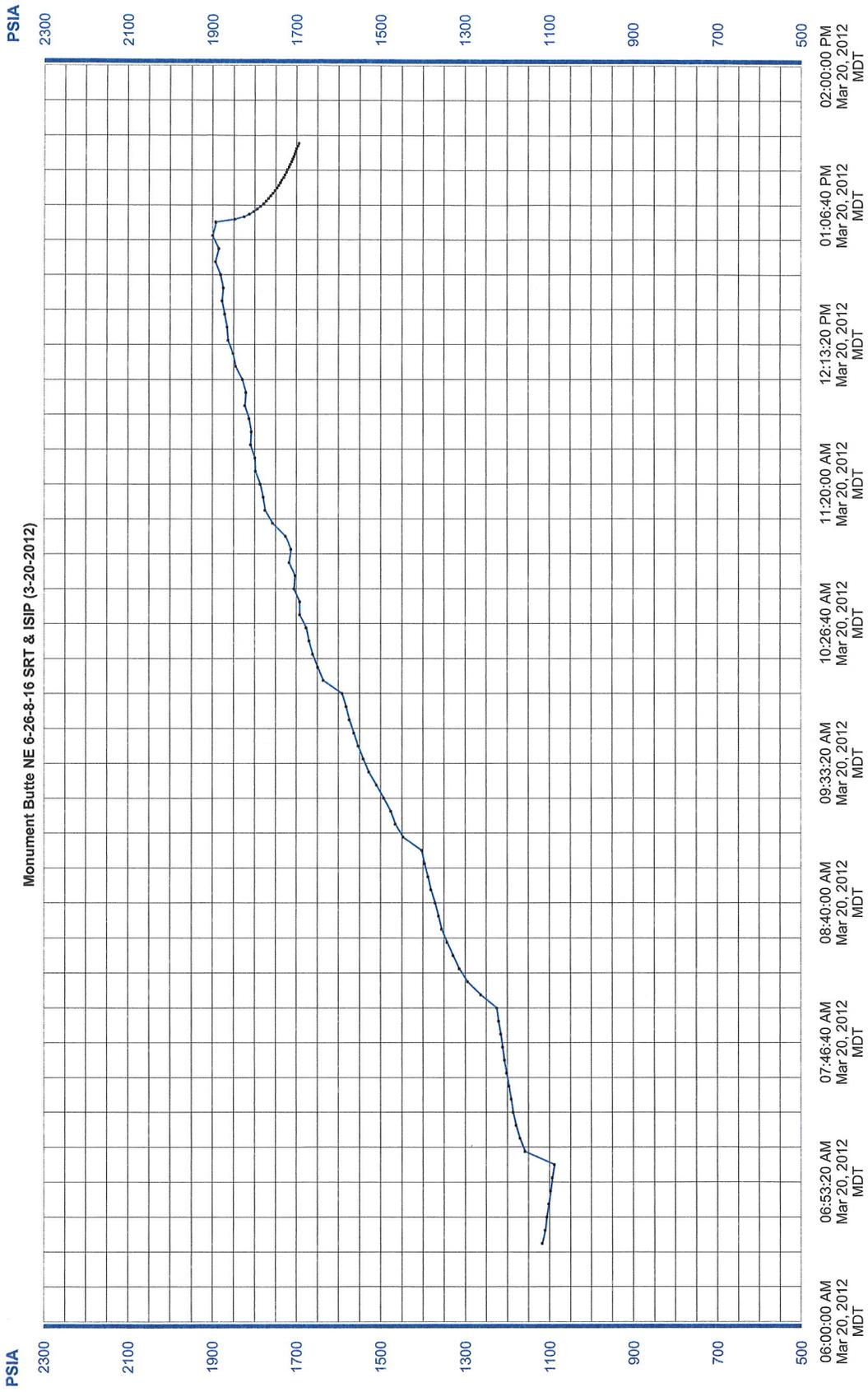
**Monument Butte NE 6-26-8-16 ISIP (3-20-2012)**

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 2 PSIA
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1	Mar 20, 2012 01:00:14 PM	1893
2	Mar 20, 2012 01:01:15 PM	1847.8
3	Mar 20, 2012 01:02:14 PM	1825.4
4	Mar 20, 2012 01:03:14 PM	1812.6
5	Mar 20, 2012 01:04:15 PM	1802.6
6	Mar 20, 2012 01:05:14 PM	1794
7	Mar 20, 2012 01:06:14 PM	1786.4
8	Mar 20, 2012 01:07:15 PM	1779
9	Mar 20, 2012 01:08:15 PM	1773.2
10	Mar 20, 2012 01:09:14 PM	1767.6
11	Mar 20, 2012 01:10:15 PM	1762
12	Mar 20, 2012 01:11:15 PM	1756.8
13	Mar 20, 2012 01:12:14 PM	1751.8
14	Mar 20, 2012 01:13:15 PM	1747.2
15	Mar 20, 2012 01:14:15 PM	1743.2
16	Mar 20, 2012 01:15:14 PM	1739
17	Mar 20, 2012 01:16:14 PM	1736
18	Mar 20, 2012 01:17:15 PM	1731.2
19	Mar 20, 2012 01:18:14 PM	1728.4
20	Mar 20, 2012 01:19:14 PM	1724.6
21	Mar 20, 2012 01:20:15 PM	1721.8
22	Mar 20, 2012 01:21:14 PM	1718.4
23	Mar 20, 2012 01:22:14 PM	1715.6
24	Mar 20, 2012 01:23:15 PM	1712.4
25	Mar 20, 2012 01:24:15 PM	1709.4
26	Mar 20, 2012 01:25:14 PM	1707
27	Mar 20, 2012 01:26:14 PM	1704.6
28	Mar 20, 2012 01:27:14 PM	1702.4
29	Mar 20, 2012 01:28:14 PM	1700.2
30	Mar 20, 2012 01:29:15 PM	1697.2
31	Mar 20, 2012 01:30:15 PM	1694.8

End of Report



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-73088
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
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>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> MBF NE 6-26
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013317700000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1980 FNL 1980 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 26 Township: 08.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/1/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>On 09/30/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 10/01/2013 the casing was pressured up to 1440 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1109 psig during the test. There was a State representative available to witness the test - Chris Jensen.</p>		<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 07, 2013</b></p>
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/4/2013

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Chris Jensen Date 10/11/2013 Time 11:00  am  pm

Test Conducted by: Kim Giles

Others Present: \_\_\_\_\_  
5 yr.

Well: Monument Butte Fed NE 6-26-8-16 Field: Monument Butte  
Well Location: SE/1/4 Sec. 26, T8S, R16E API No: 43-013-31770  
Duchenne County Utah

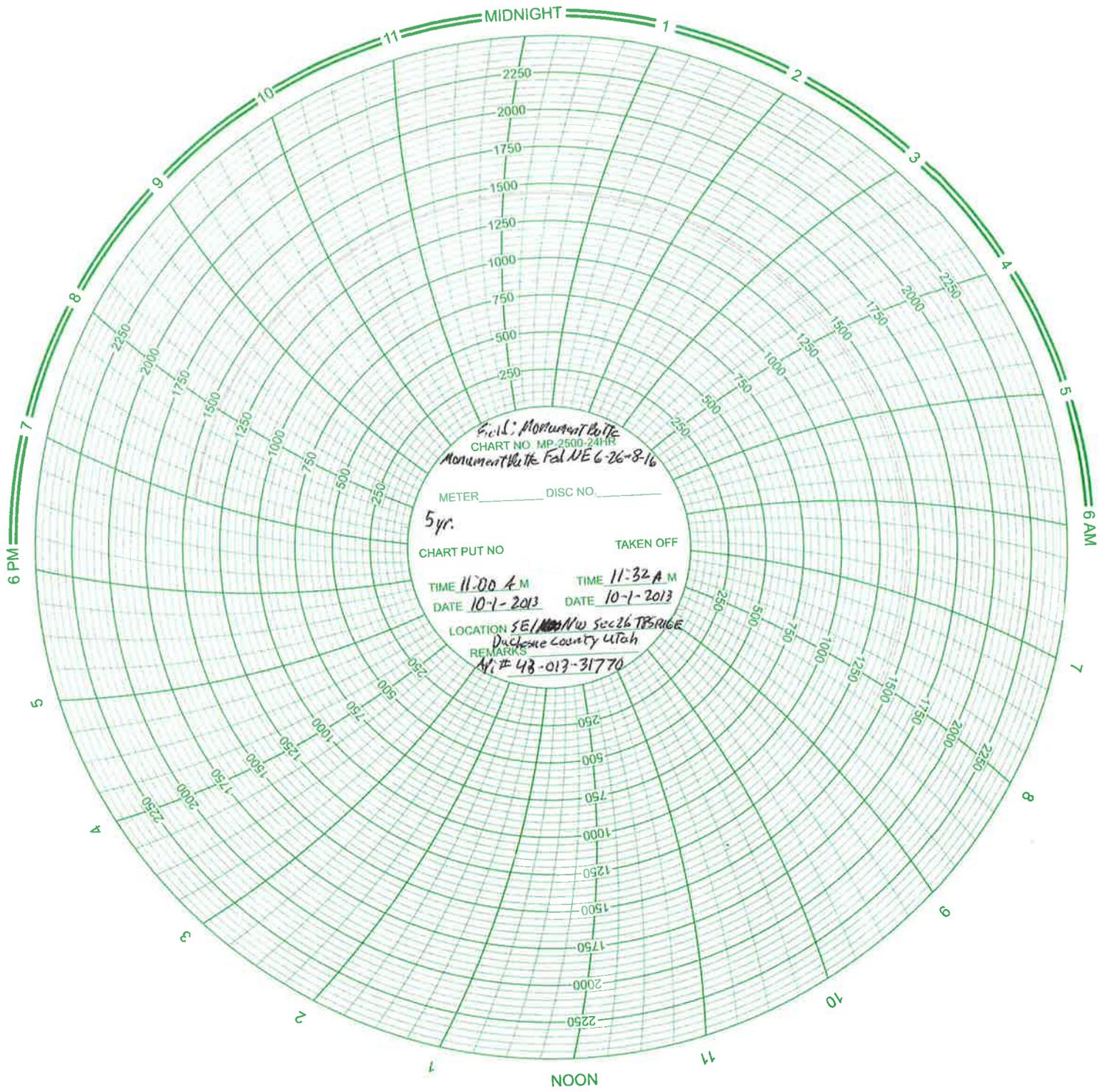
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1440</u>	psig
5	<u>1440</u>	psig
10	<u>1440</u>	psig
15	<u>1440</u>	psig
20	<u>1440</u>	psig
25	<u>1440</u>	psig
30 min	<u>1440</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1109 psig

Result:  Pass  Fail

Signature of Witness: Chris Jensen

Signature of Person Conducting Test: Kim Giles



# Monument Butte Federal NE #6-26-8-16

Spud Date: 4/4/97  
 Put on Production: 5/1/97  
 GL: 5510' KB: 5523'

Initial Production: 178 BOPD,  
 192 MCFPD, 15 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 292.52' (7 jts)  
 DEPTH LANDED: 290.25' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 8 bbls to surf.

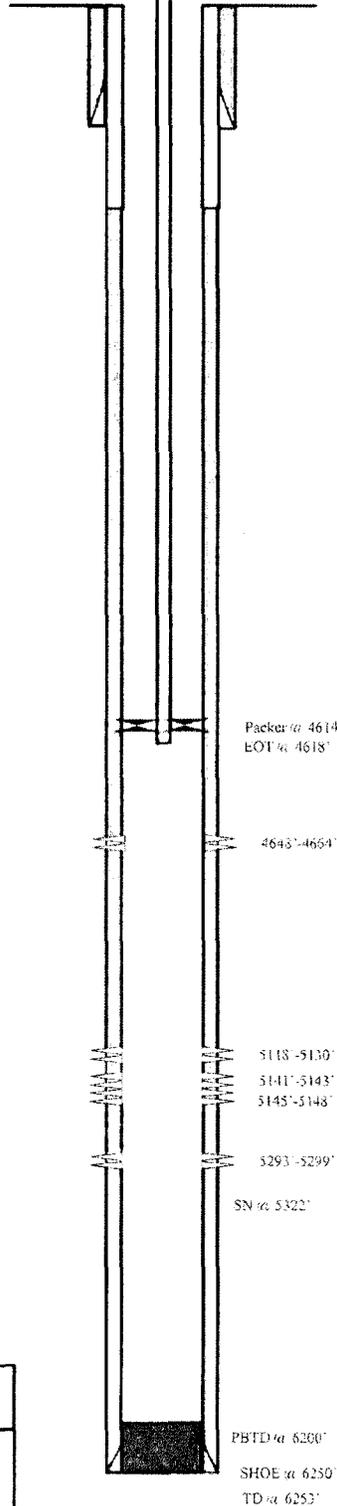
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 148 jts (6210.98')  
 DEPTH LANDED: 6249.89'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 690 sk Hibond mixed & 510 sxs thixotropic  
 CEMENT TOP AT: 664' per CBL

## TUBING

SIZE GRADE WT.: 2-7/8" M-80 6.5#  
 NO. OF JOINTS: 148 jts (4596.26')  
 TUBING ANCHOR: 4613.53'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: EOT @ 4617.75'  
 SN LANDED AT: 4609.26'

## Injection Wellbore Diagram



## FRAC JOB

4/21/97 5293'-5299' Frac C sand as follows:  
 2500 gal of pad, 1000 gal of 1-6 PPG of 20-40 sand, 2031 gal of 6-8 PPG of 20-40 sand stage. Perfs wouldn't break down. Max press of 4504 psi. Total fluid pumped of 132 bbls w/ 12,300# sand.  
 4/22/97: Breakdown @ 3310 psi. Pump 6 bbls acid into perfs @ 1.5 bpm w/ 3100 psi. SD 5-min. Pump remainder of acid plus 5 bbls wt into perfs @ 2.7 bpm w/ 1550 psi. ISIP-1336, 5-min 1084 psi, 10-min 921 psi, 15-min 772 psi.

4/25/97 5118'-5148' Frac D-1 sand as follows:  
 92,000# of 20-40 sand in 479 bbls of Boragel. Perfs broke @ 2270 psi. Treated @ avg press of 1950 psi w/ avg rate of 25.3 bpm. ISIP-2366, 5-min 2327 psi. Flowback on 12.64" ck for 2-1/2 hours and died.

4/28/97 4648'-4664' Frac GB-6 sand as follows:  
 89,400# of 20-40 sand in 436 bbls of Boragel. Perfs broke @ 3089 psi. Treated @ avg rate of 24.7 bpm w/ avg press of 2260 psi. ISIP-2818 psi, 5-min 2774 psi. Flowback on 12.64" ck for 4 hours and died.

11/4/98 Well converted to an Injection Well.  
 11/14/08 MIT completed and submitted.

## PERFORATION RECORD

4/19/97	5293'-5299'	4 JSPE	24 holes
4/24/97	5118'-5130'	4 JSPE	48 holes
4/24/97	5141'-5143'	4 JSPE	8 holes
4/24/97	5145'-5148'	4 JSPE	12 holes
4/26/97	4648'-4664'	4 JSPE	64 holes

**NEWFIELD**

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**Monument Butte Federal NE #6-26-8-16**

1980 FNL 1980 FWL  
 SE: NW Section 26-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31770; Lease #UTU-73088