

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

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

2. NAME OF OPERATOR  
 Lomax Exploration Company

3. ADDRESS OF OPERATOR  
 P.O. Box 4503, Houston, TX 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 779' FWL & 1839' FSL      NW/SW  
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.  
 U-16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Federal

9. WELL NO.  
 12-35

10. FIELD AND POOL, OR WILDCAT  
 Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Section 35, T8S, R16E

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 12 1/2 miles South of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
 1839

16. NO. OF ACRES IN LEASE  
 1280

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.  
 1104

19. PROPOSED DEPTH  
 5700

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5586' GR

22. APPROX. DATE WORK WILL START\*  
 April, 1983

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	To Surface
7 7/8	5 1/2	17	TD	As Required

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 3-2-83  
 BY: *[Signature]*

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 *[Signature]* G. L. Pruitt TITLE V.P. Drilling & Production DATE 2/22/83

(This space for Federal or State office use)

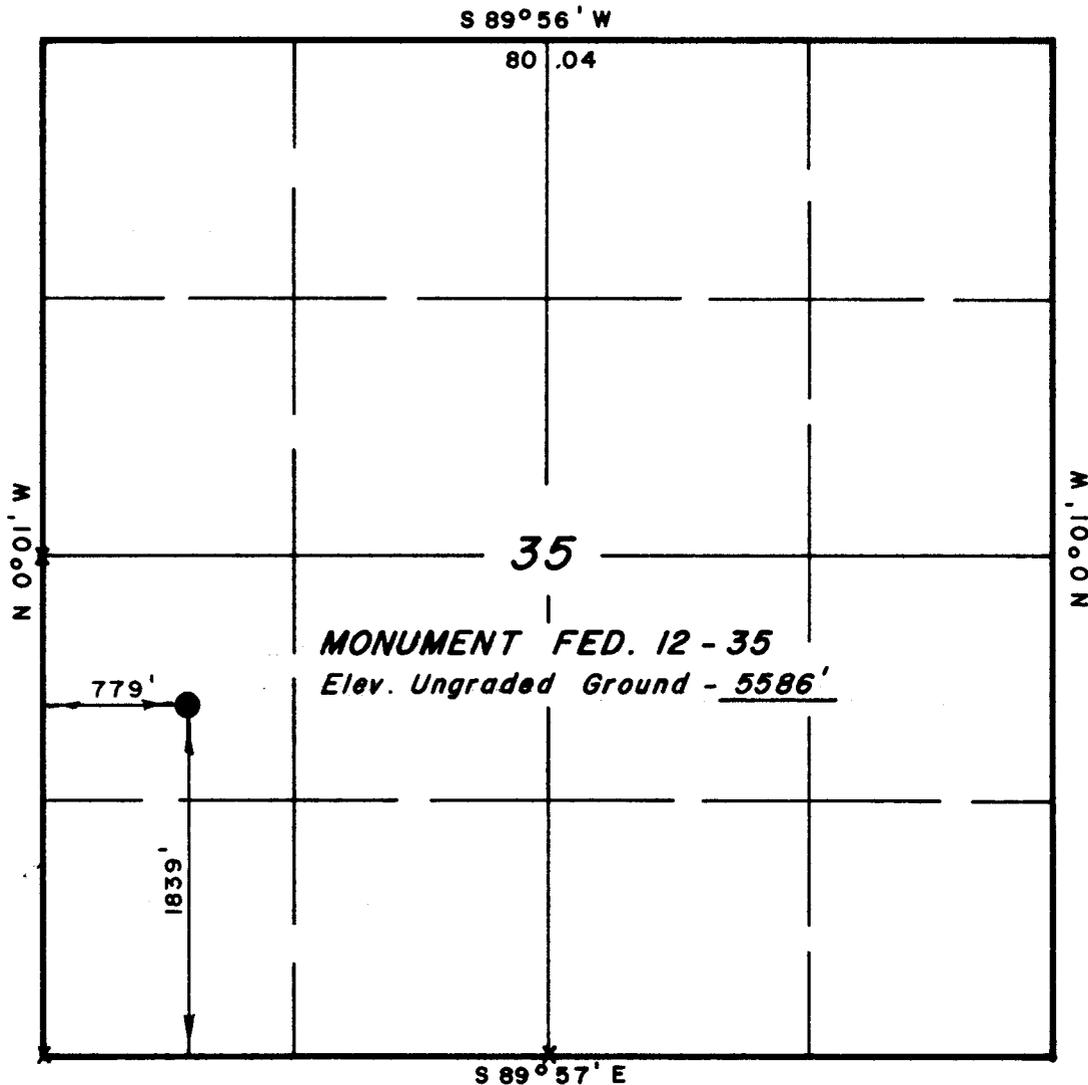
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY :

PROJECT  
**LOMAX EXPLORATION CO.**

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

Well location, **MONUMENT FEDERAL #12-35**, located as shown in NW 1/4 SW 1/4, Section 35, T8S, R16E, S.L.B.&M. Duchesne County, Utah.



**X = Section Corner Located**



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.

*Lawrence C. Kay*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	2/10/83
PARTY	RK, DB, JK JH	REFERENCES	GLO PLAT
WEATHER	FAIR	FILE	LOMAX

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 Section 35, T8S, R16E

12. COUNTY OR PARISH      13. STATE  
 Duchesne      Utah

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24	300	To Surface
7 7/8	5 1/2	17	TD	As Required TO PROTECT OIL SHALE & FRESH WATER

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 *G. L. Pruitt* G. L. Pruitt TITLE V.P. Drilling & Production DATE 2/22/83

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY *W. P. Mountain* E. W. Guyer  
 TITLE District Oil & Gas Supervisor DATE APR 14 1983

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

*State 046*

Lomax Exploration Company  
Well No. 12-35  
Section 35, T. 8 S., R. 16 E.  
Duchesne County, Utah  
Lease U-16535

Supplemental Stipulations

- 1) The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
- 2) Topsoil will be stockpiled as addressed in the applicants 13 point plan. It is recommended the top 6-10 inches of topsoil material be stockpiled.
- 3) The BLM will be notified at least 24 hours prior to any rehabilitation.
- 4) A burn pit will not be constructed. There will be no burying of garbage or trash at the location. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.
- 5) All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. All facilities shall be painted within 6 months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
- 6) Reserve pits will be fenced with a wire mesh fence topped with at least one strand of barbed wire.
- 7) Adequate and sufficient electric/radioactive logs will be run to locate and identify the prime oil shale horizons in the Mahogany Zone of the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers. (See attached tentative casing and cementing program for the Uinta Basin.)



# United States Department of the Interior

GEOLOGICAL SURVEY  
Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

February 2, 1981

## General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta Basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well. Cementing from the bottom up is an economical solution if carefully conducted.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale. These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

- A. Surface casing is set at approximately 300 feet and cemented to the surface.

- B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:
1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.
  2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.
  3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.
- C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.
- D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

- E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

1. Schematic of the required casing and cementing program.
2. Cross section of the Uinta Basin.
3. Schematic of the general ground water protection program.

E. W. Guynn  
District Oil and Gas Supervisor

AMR/kr

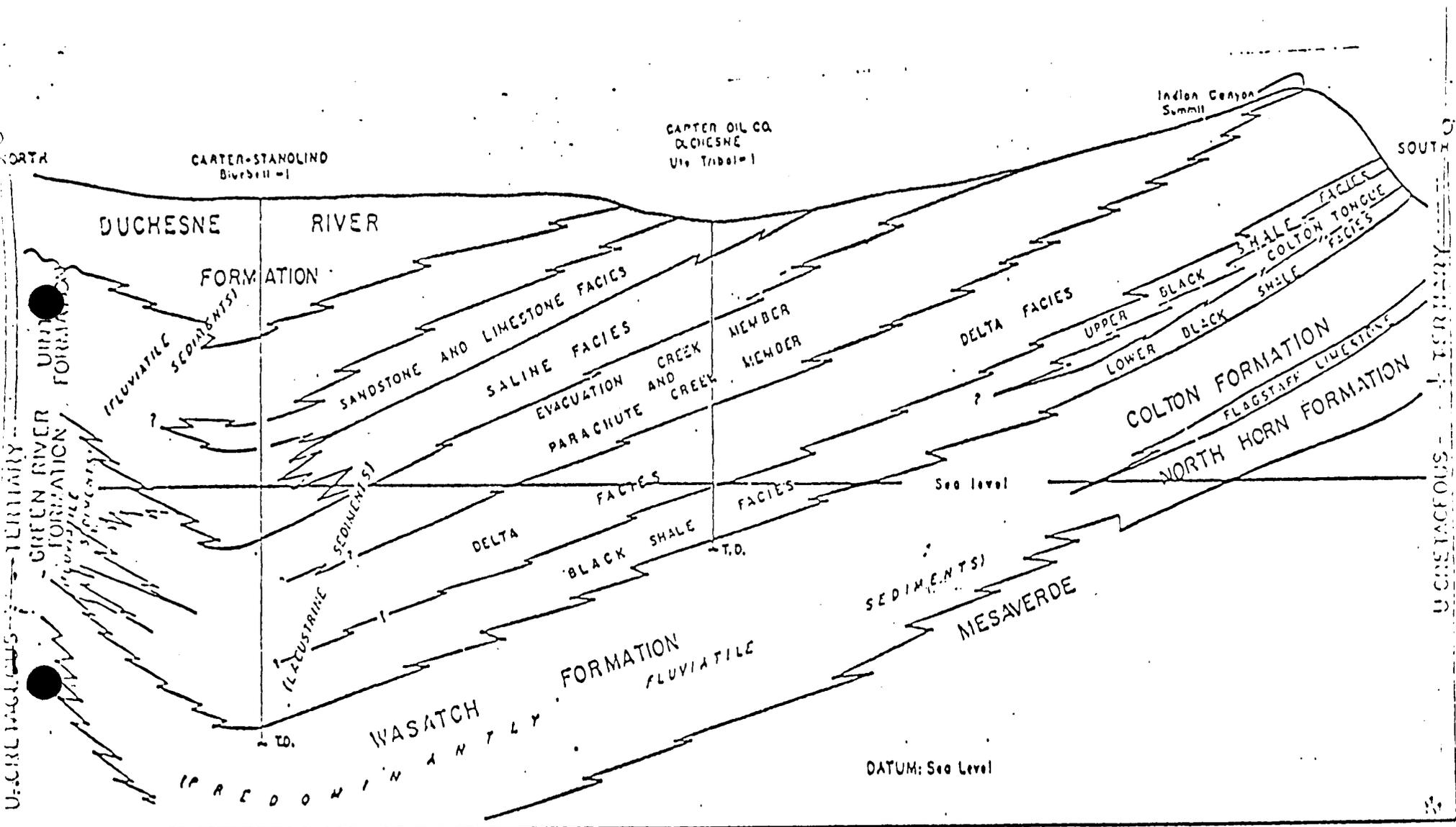
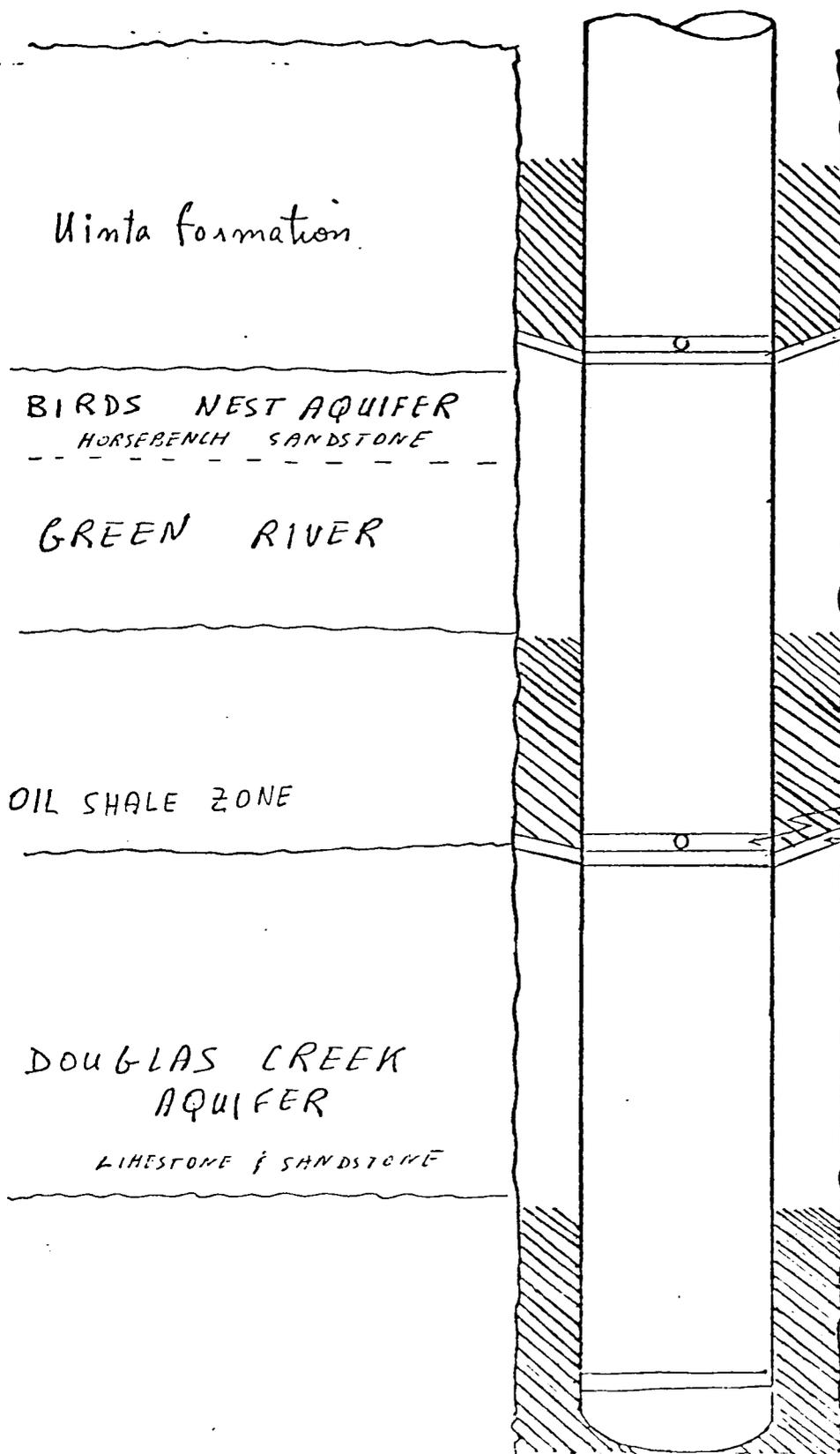


Figure 5.- View east of cross section of Uinta Basin showing stratigraphy and intertonguing of Tertiary rocks. Ute Tribal-1 (in section) is located about 8 miles southeast of the application area.

# PARTIAL CASING & CEMENTING PROGRAM FOR WELLS IN NATURAL BUTTES FIELD. HINTAH COUNTY, UTAH



NO SCALE

CEMENT BASKET IS PLACED 50' ABOVE TOP AQUIFER CEMENT TO RISE AT LEAST 300' IN ANNULUS

STAGE COLLAR  
CEMENT BASKET

CEMENT BASKET IS SET AT CONSOLIDATED SECTION AT THE BASE OF THE OIL SHALE ZONE. CEMENT TO REACH THE TOP OF THE MAHOGANY ZONE

CEMENT WILL REACH BASE OF LOWER AQUIFER

TEN POINT WELL PROGRAM

LOMAX EXPLORATION COMPANY  
Federal #12-35  
NW/SW Section 35, T8S, R16E  
Duchesne County, Utah

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0-3030
Green River	3030
Wasatch	6070

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

Green River	3030
H zone	3370 - Sand and Shale - possible oil and gas shows
J zone	4270 - Sand and Shale - oil and gas shows anticipated
M zone	5570 - Sand and Shale - primary objective oil

4. PROPOSED CASING PROGRAM:

8 5/8", J-55, 24#; set at 300'  
5 1/2", J-55, 17#, STC; set at TD  
All casing will be new

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure tests of BOP's to 1000# will be made prior to drilling surface plug and operation will be checked daily. (See exhibit A)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the "J" zone and with mud thereafter. The mud system will be a water based gel-chemical, weighted to 10.0 ppg 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 coring or drill stem testing has been scheduled for this well. The logging will consist of a Dual Induction Laterolog and a Compensated Neutron-Formation Density.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

It is not anticipated that abnormal pressures or temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S gas will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence approximately April, 1983.

LOMAX EXPLORATION  
13 Point Surface Use Plan  
For  
Well Location  
Monument Federal #12-35  
Located In  
Section 35, T8S, R16E, S.L.B. & M.  
Duchesne County, Utah

### 1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION well location site Monument Federal #12-35, located in the NW 1/4 SW 1/4 Section 35. T8S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 - 1.5 miles + to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 6.9 miles to its junction with an existing dirt road to the Southwest; proceed Southwesterly along this road 2.9 miles to its junction with an existing dirt road to the Southeast; proceed Southeasterly along this road 0.8 miles to its junction with an existing dirt road to the East. Proceed Easterly along this road 0.15 miles to the proposed location site.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to a point 3.4 miles south on Highway 216; thereafter the road is constructed with existing materials and gravels. 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 areas they are located in, and range from clays to a sandy-clay shale material.

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

### 2. PLANNED ACCESS ROAD

See Topographic Map "B".

There will be no planned access road at this location site. The existing road goes to the location site. Care should be taken to ensure that traffic is not impeded while crossing the location site.

### 3. LOCATION OF EXISTING WELLS

There are seven known existing wells and one abandoned well within a one mile radius of this location site. (See Topographic Map "B").

There are no known water wells, injection wells, monitoring or observations wells for other resources within a one mile radius.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are eight existing LOMAX EXPLORATION wells within a one mile radius of this location site. Each of these locations have the following production facilities two 300 barrel tanks, line heaters, pumping units and heater traces.

A tank battery site will be set up at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to an existing battery in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck from a private water source that is indicated on topo. map "A".

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable chemical toilet will be provided for human waste.

#### 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.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "A").

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Green River is located approximately 16 miles to the Southeast of the location site.

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

The geologic structures of the area that are visible, are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

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

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

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

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Monument Federal #12-35 is located approximately 2.5 miles North of Castle Peak Draw and 1.5 miles East of Wells Draw, non-perennial drainages which runs to the North and East.

The terrain in the vicinity of the location slopes from the South through the location site to the North at approximately 2% grade.

The vegetation in the immediate area surrounding the location site consists of sage brush and grasses with large areas devoid of any vegetation.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Jack Pruitt  
LOMAX EXPLORATION  
333 North Belt East, Ste. 880  
Houston, TX 77060

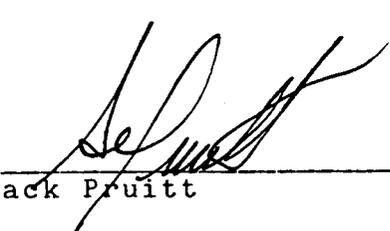
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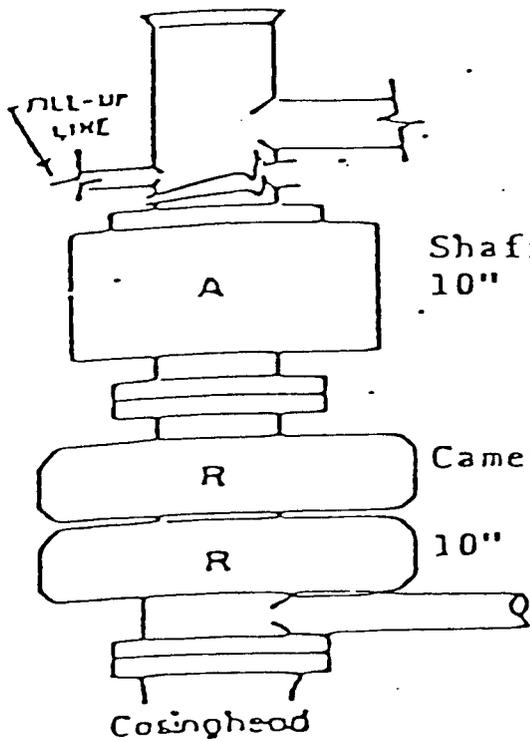
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operation proposed herein will be performed by LOMAX EXPLORATION and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

Date

2/23/83

  
\_\_\_\_\_  
Jack Pruitt

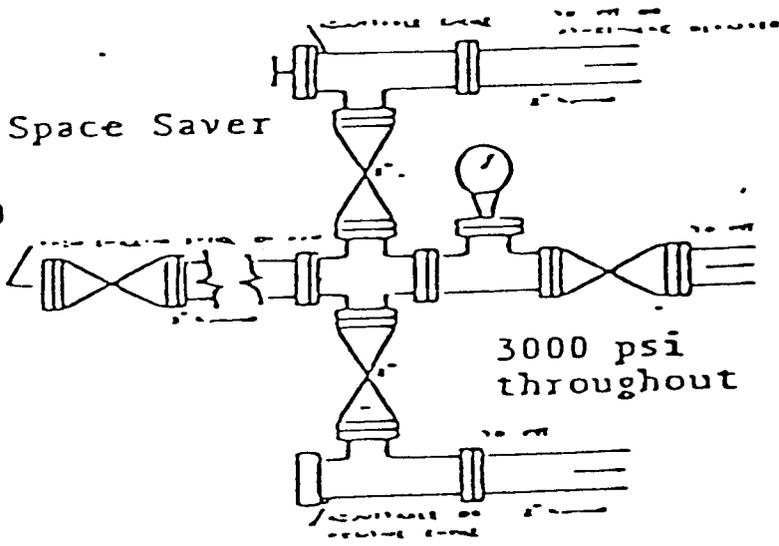


Shaffer Spherical  
10" 900

Cameron Space Saver

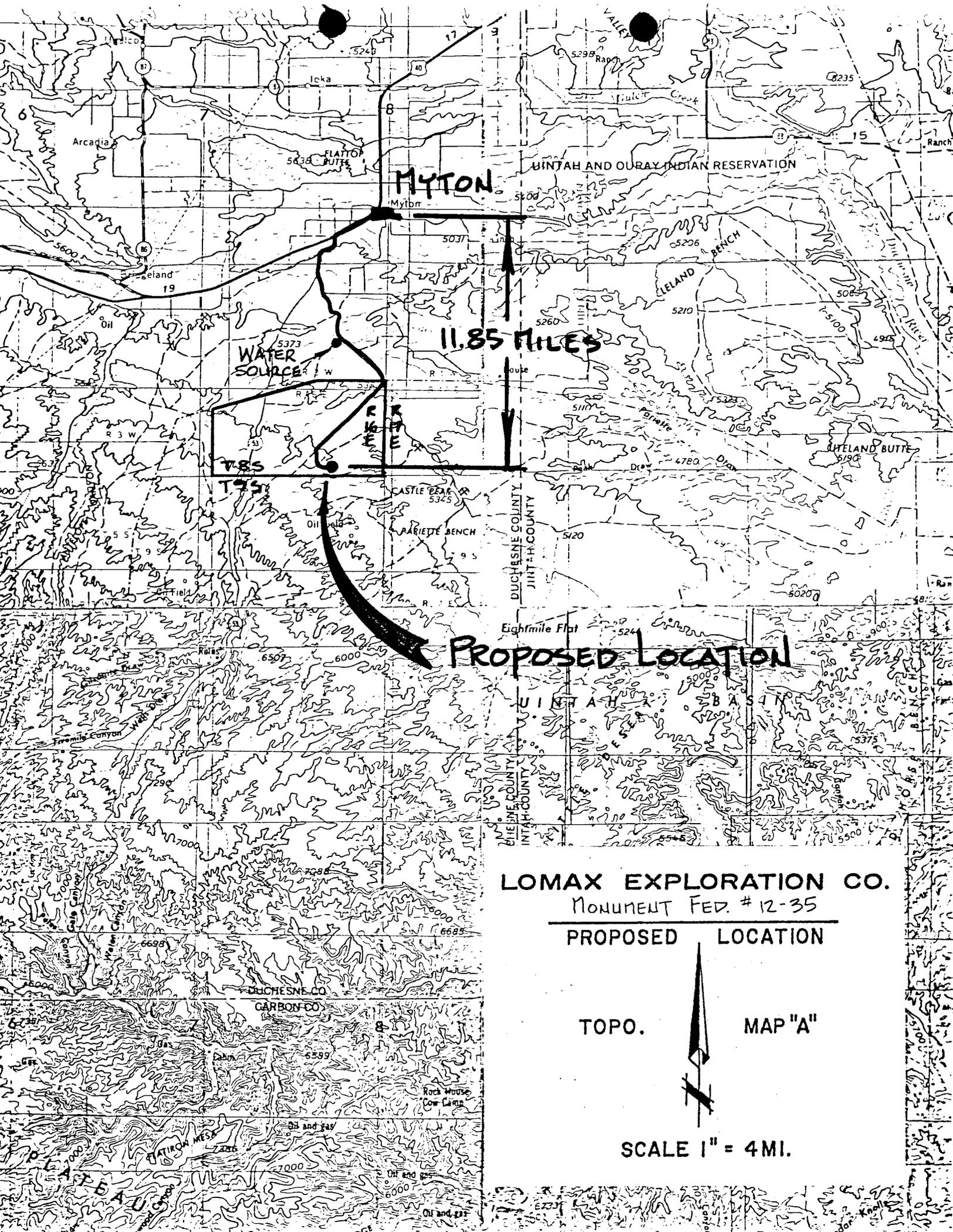
10" 900

Casinghead



3000 psi  
throughout





MYTON

UINTAH AND OURAY INDIAN RESERVATION

WATER SOURCE

11.85 MILES

PROPOSED LOCATION

LOMAX EXPLORATION CO.

MONUMENT FED. # 12-35

PROPOSED LOCATION

TOPO.

MAP "A"



SCALE 1" = 4 MI.



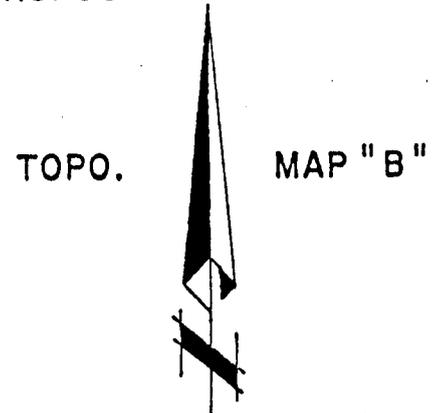
# PROPOSED LOCATION

0.8 Mi

0.15 Mi

T8S  
T9S

LOMAX EXPLORATION CO.  
MONUMENT FED. #12-35  
PROPOSED LOCATION



SCALE 1" = 2000'

ROAD CLASSIFICATION  
Light duty road, all weather, improved surface  Unimproved road fair or dry weather 



UTAH  
QUADRANGLE LOCATION

OPERATOR LOMAX EXPLORATION CO

DATE 3-2-83

WELL NAME FED 12-35

SEC NW SW 35 T 8 S R 10 E COUNTY DUCHESNE

43-013-30744  
API NUMBER

FED.  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

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APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a \_\_\_\_\_ CAUSE NO. & DATE

c-3-b  c-3-c

SPECIAL LANGUAGE:

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*RFF* ✓

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FGD*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER     *NO*    

UNIT     *NO*    

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

COMAX EXPLORATION Co  
MONUMENT BUTTE FED # 6-35  
SEC 35 T8S R16E  
U-16535

43-013-30751

2/14/94

*Donna Dyer*

↑ EAST

SURFACE SOIL

WELLHEAD

Pump Jack  
w/ Gas Motor

Jeep  
Road

LINE  
HEATER

ORIFICE METER &  
SALES LINE

GAS  
SEPARATOR w/ DUMP

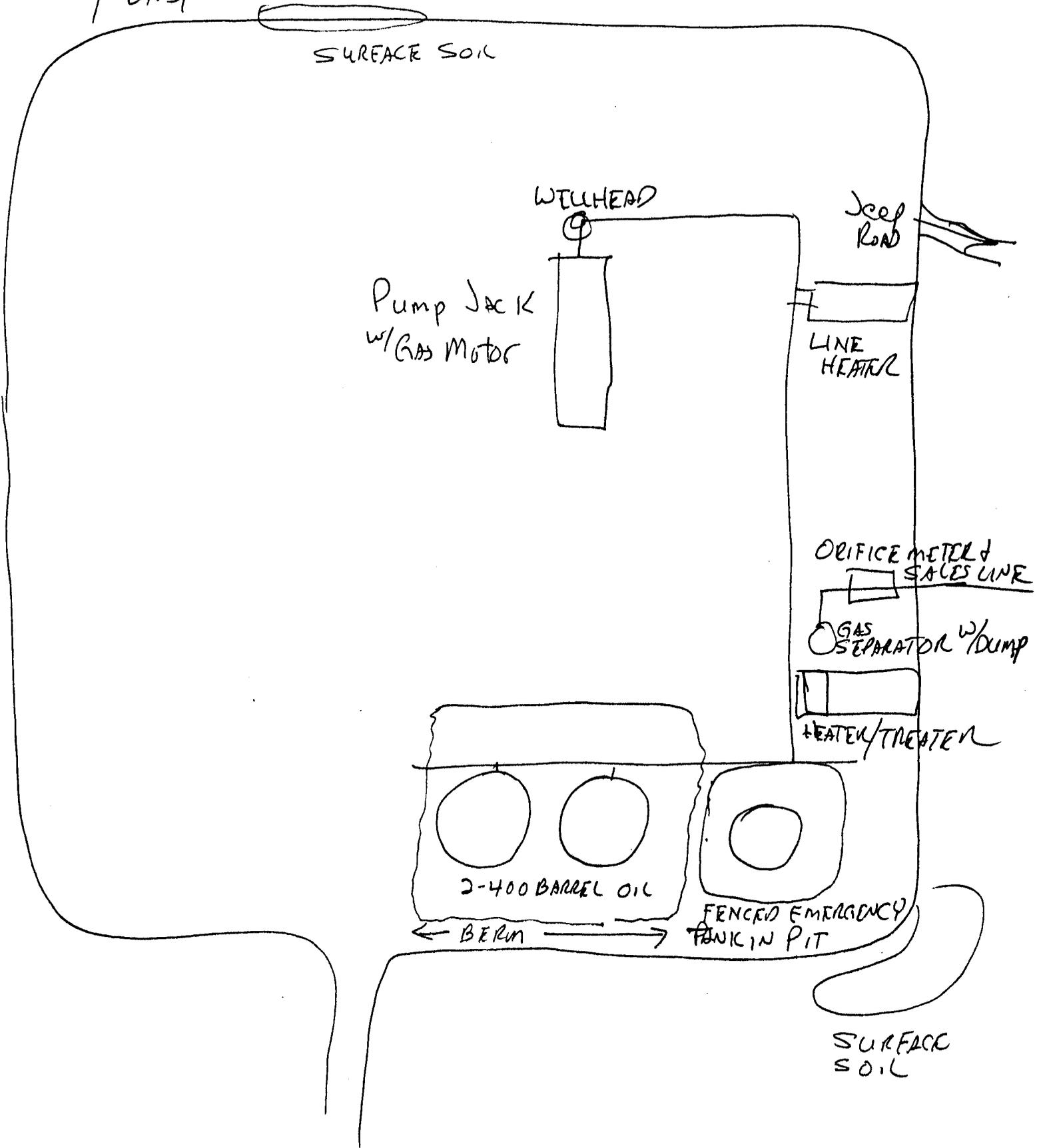
HEATER/TREATER

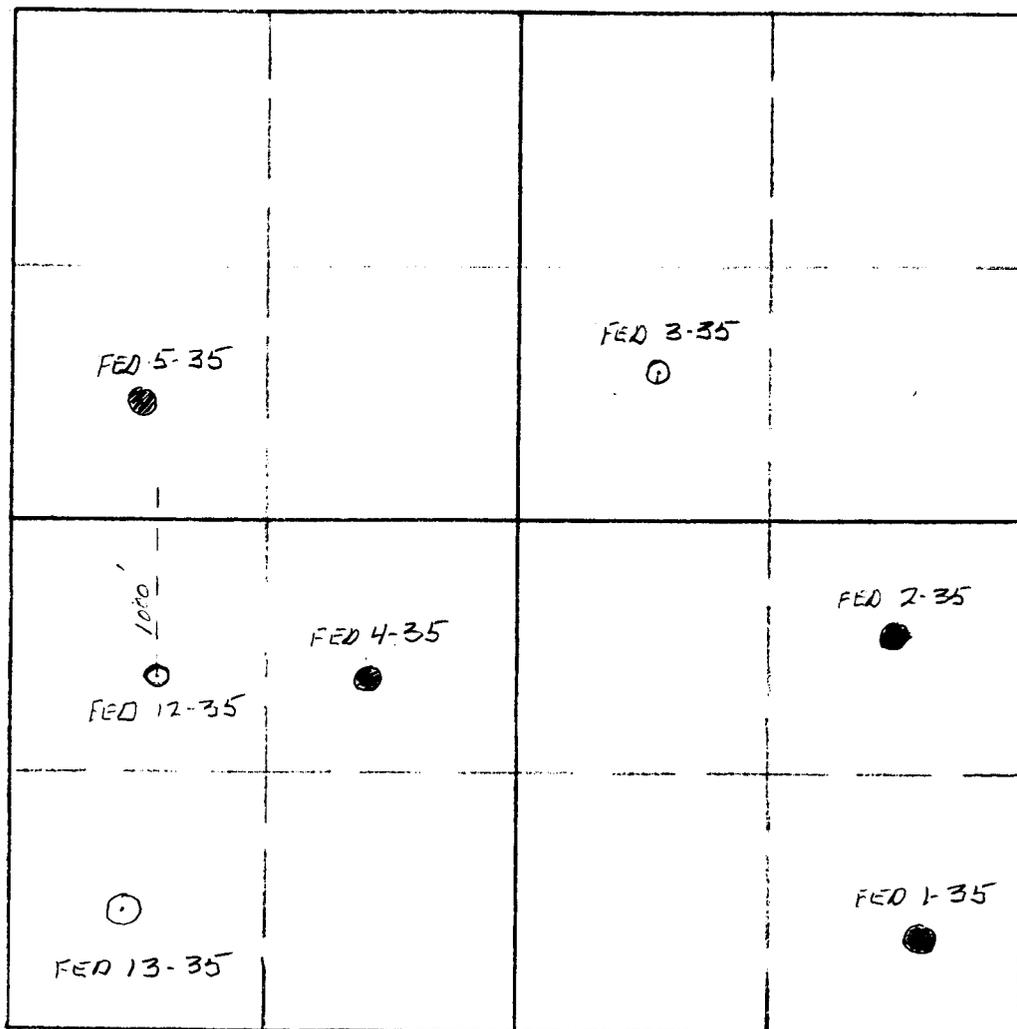
2-400 BARREL OIL

← BERM →

FENCED EMERGENCY  
SPILL PIT

SURFACE  
SOIL





SCALE 1:1000

SECTION 35  
 TOWNSHIP 8S  
 RANGE 16E  
 COUNTY DUCHECNE

March 2, 1983

Lomax Exploration Company  
P. O. Box 4503  
Houston, Texas 77210

RE: Well No. Federal 12-35  
NWSW Sec. 35, T.8S, R.16E  
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer  
Office: 533-5771  
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30744.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Oil & Gas Operations  
Enclosure

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Lomax Exploration Company

WELL NAME: Federal 12-35

SECTION NWSW 35 TOWNSHIP 8S RANGE 16E COUNTY Duchesne

DRILLING CONTRACTOR O'Rian

RIG # 1

SPUDDED: DATE 6-5-83

TIME 10:15 PM

HOW Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Michelle

TELEPHONE # 713-931-9276

DATE 6-7-83 SIGNED AS

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for ~~such~~ proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Lomax Exploration Company

3. ADDRESS OF OPERATOR  
P.O. Box 4503, Houston, TX 77210

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 779' FWL & 1839' FSL NW/SW  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) SPUD	<input type="checkbox"/>	<input type="checkbox"/>

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

√6/05/83 Drilled 12 1/4" hole to 310'. Ran 8 5/8" 24# J-55 ST&C casing to 304'KB. Cemented with 210 sx class "G" + 2% CaCl + 1/4#/sx flocele. Bumped plug. Held OK.

SPUD @ 10:15 P.M. 6/5/83 with Orion Rig #1.

5. LEASE  
U-16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Monument Federal

9. WELL NO.  
12-35

10. FIELD OR WILDCAT NAME  
Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 35, T8S, R16E

12. COUNTY OR PARISH | 13. STATE  
Duchesne | Utah

14. API NO.  
43-013-30744

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5586 GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

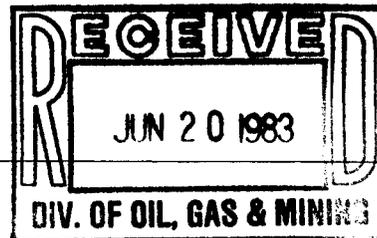
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED G.E. Pruitt TITLE V.P. Drig. & Prod. DATE June 7, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

12

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  
Lomax Exploration Company

3. ADDRESS OF OPERATOR  
P.O. Box 4503, Houston, TX 77210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 779' FWL & 1839' FSL NW7SW  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 43-013-30744 DATE ISSUED 3/2/83

5. LEASE DESIGNATION AND SERIAL NO.  
U-16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Monument Federal

9. WELL NO.  
12-35

10. FIELD AND POOL, OR WILDCAT  
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 35, T8S, R16E

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUNDED 6/5/83 16. DATE T.D. REACHED 6/17/83 17. DATE COMPL. (Ready to prod.) 7/22/83 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5586' GR 19. ELEV. CASINGHEAD 5586

20. TOTAL DEPTH, MD & TVD 5680 21. PLUG, BACK T.D., MD & TVD 5626 22. IF MULTIPLE COMPL., HOW MANY\* - 23. INTERVALS DRILLED BY ROTARY TOOLS 1 X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Green River 5000-22 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CDL-CNL, DLL-MSFL, CBL-GR 27. WAS WELL CORED YES

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	304	12 1/4	210 sx cl "G" + 2% CaCl +	1/4#/sx flocele
5 1/2	17	5677	7 7/8	300 sx Lodense & 300 sx Gypseal	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5071	

31. PERFORATION RECORD (Interval, size and number)  
5000-22 (1 SPF) 23 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5000-22	34,600 gal gelled KCl water + 124,300# 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7/22/83	Pumping	Producing

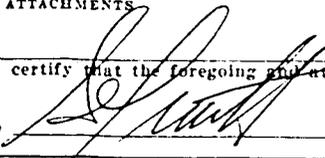
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/26/83	24	Open	→	94	NM	NM	NM

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
0	0	→	94	NM	NM	34

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

35. LIST OF ATTACHMENTS

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

SIGNED  G.L. Pruitt TITLE V.P. Drilling & Production DATE July 27, 1983

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

## INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Douglas Creek	5005	5035	CORE INTERVAL	Uinta	Surface	
				Green River	1772'	
				Douglas Creek	4960'	

August 5, 1983

State of Utah  
Division of Oil and Gas  
4241 State Office Building  
Salt Lake City, Utah 84114

Federal #12-35  
Section 35, T8S, R16E  
Duchesne County, Utah

Gentlemen:

Enclosed are the logs run on the subject well. The completion report was mailed on July 29, 1983 without the logs enclosed.

Please advise if you need additional information.

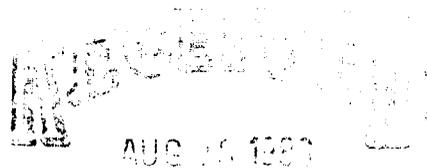
Very truly yours,

*Michele Tisdell*

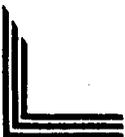
Michele Tisdell  
Sec. Drilling & Production

MT

Enclosures (3)



DIVISION OF  
OIL, GAS & MINING

 333 North Belt East • Suite 880  
Houston, Texas 77090  
(713) 931-9276  
*Mailing Address:*  
P.O. Box 4503  
Houston, Texas 77210-4503

*District Office:*  
248 North Union  
Roosevelt, Utah 84066  
*Mailing Address:*  
P.O. Box 1446  
Roosevelt, Utah 84066

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate\*  
 (Other instructions on re-  
 verse side)

Form approved  
 Budget Bureau No. 1004-0135  
 Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

U-16535

8. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

N/A

9. WELL NO.

See attached sheet.

10. FIELD AND POOL, OR WILDCAT

Monument Butte

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

34 & 35, 8S-16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
 Lomax Exploration Company

3. ADDRESS OF OPERATOR  
 50 W. Broadway, Suite 1000, Salt Lake City, UT 84101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
 See also space 17 below.)  
 At surface

See attached sheet.

14. PERMIT NO.  
 See attached sheet.

15. ELEVATIONS (Show whether OF, RT, OR, etc.)  
 See attached sheet.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETION	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input checked="" type="checkbox"/>	Construct gas gathering system	<input checked="" type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

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

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

Construct a gas gathering system for the subject wells. The system will consist of an 8" main line and 3" feeder lines from each of the subject wells to the main line. The 8" main line will transport the associated casinghead gas from the subject wells off lease to a compressor/processing plant and sales point in Section 36, T8S-R16E. The entire system will be buried. A 3" fuel gas line will also be buried in the same ditch. Initial volumes of gas to be transported will be approximately 610 MCFD. A 4" surface line will also be built on the subject lease. Such 4" surface line will transport gas from other Lomax wells located off lease across the lease to the sales point in Section 36, T8S-R16E. Construction will begin upon receipt of approval. See attached plat.

RECEIVED

MAY 29 1984

DIVISION OF OIL  
 GAS & MINING

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

SIGNED  
 David D. Perkins  
 (This space for Federal or State office use)

TITLE District Landman

DATE May 16, 1984

APPROVED BY  
 CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side

Attached to that certain Sundry Notice dated May 16, 1984 for the Monument Butte Federal #1-34, #8-34, #1-35, #2-35, #3-35, #4-35, #5-35, #6-35, # 10-35, #12-35, #13-35, & #14-35 Wells on Lease U-16535.

Item 4. - Location of wells:

#1-34 - 739' FNL, 758' FEL, Section 34, T8S, R16E  
#8-34 - 2059' FNL, 701' FEL, Section 34, T8S-R16E  
#1-35 - 506' FSL, 528' FEL, Section 35, T8S-R16E  
#2-35 - 2090' FSL, 660' FEL, Section 35, T8S-R16E  
#3-35 - 660' FNL, 1980' FWL, Section 35, T8S-R16E  
#4-35 - 1836' FSL, 1883' FWL, Section 35, T8S-R16E  
#5-35 - 2042' FNL, 661' FWL, Section 35, T8S-R16E  
#6-35 - 1831' FNL, 1968' FWL, Section 35, T8S-R16E  
#10-35 - 1825' FSL, 2137' FEL, Section 35, T8S-R16E  
#12-35 - 1839' FSL, 779' FWL, Section 35, T8S-R16E  
#13-35 - 640' FSL, 592' FWL, Section 35, T8S-R16E  
#14-35 - 511' FSL, 2134' FWL, Section 35, T8S-R16E

Item 9. - Well No.:

Federal #1-34	Federal #5-35
Federal #8-34	Federal #6-35
Federal #1-35	Federal #10-35
Federal #2-35	Federal #12-35
Federal #3-35	Federal #13-35
Federal #4-35	Federal #14-35

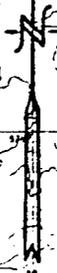
Item 14. - Permit No.:

#1-34 - 43013-30808  
#8-34 - 43013-30843  
#1-35 - 43013-30561  
#2-35 - 43013-30606  
#3-35 - 43013-31381  
#4-35 - 43013-30605  
#5-35 - 43013-30686  
#6-35 - 43013-30751  
#10-35 - 43013-30801  
#12-35 - 43013-30744  
#13-35 - 43013-30745  
#14-35 - 43013-30812

Item 15. - Elevations:

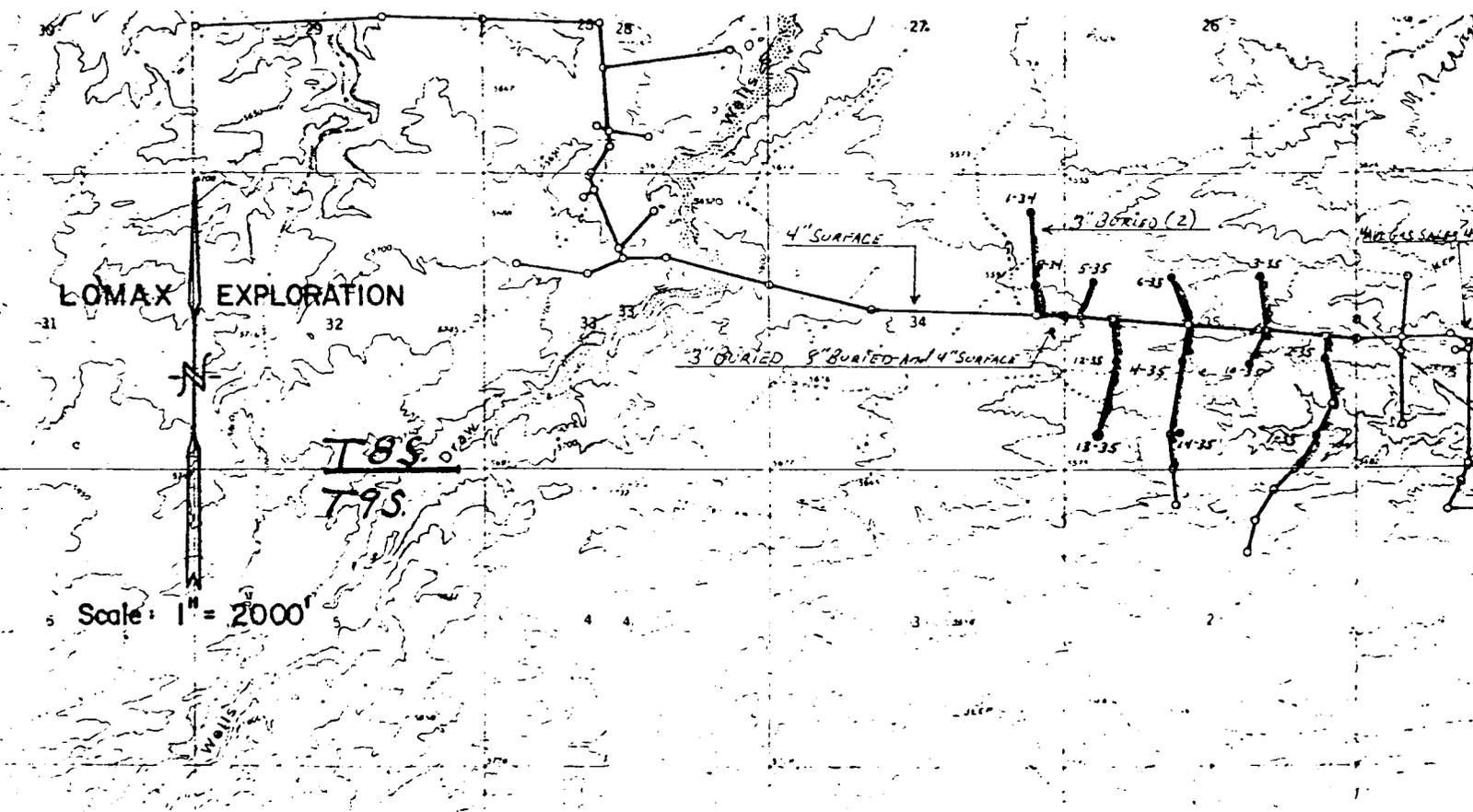
#1-34 - 5585 GR  
#8-34 - 5600 GR  
#1-35 - 5482 GR  
#2-35 - 5515 GR  
#3-35 - 4830 GR  
#4-35 - 5565 GR  
#5-35 - 5584 GR  
#6-35 - 5562 GR  
#10-35 - 5534 GR  
#12-35 - 5580 GR  
#13-35 - 5586 GR  
#14-35 - 5524 GR

LOMAX EXPLORATION



T8S  
T9S

Scale: 1" = 2000'



**Lomax Oil & Gas Company**  
**Lomax Exploration Company**

50 West Broadway, Suite 1200  
Salt Lake City, Utah 84101  
Phone (801) 322-5009  
Fax (801) 531-9053

**RECEIVED**  
JAN 25 1989

Division of  
OIL, GAS & MINING

January 24, 1989



State of Utah  
Division of Oil, Gas & Mining  
355 West North Temple  
Three Triad Center  
Suite #350  
Salt Lake City, UT 84180-1203

Monument Butte Federal #12-35  
Section 35, T8S-R16E NW/SW  
Duchesne County, Utah

43-013-30744

Dear sir:

Please find the enclosed Well Completion Report for the captioned location. If there are any questions, please feel free to contact our office.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Jodie S. Faulkner".

Jodie S. Faulkner  
Production Technician

Enclosure

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

12

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. RESER.  Other Perforate

2. NAME OF OPERATOR  
Lomax Exploration Company

3. ADDRESS OF OPERATOR  
50 West Broadway - Suite #1200

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 779' FWL & 1839' FSL NW/SW  
At top prod. interval reported below  
At total depth

14. PERMIT NO. 43-013-30744 DATE ISSUED 3/2/83

5. LEASE DESIGNATION AND SERIAL NO.  
UT080P4988U680

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Monument Butte

8. FARM OR LEASE NAME

9. WELL NO.  
#12-35

10. FIELD AND POOL, OR WILDCAT  
Monument Butte

11. SEC. T., R., N., OR BLOCK AND SURVEY OR AREA  
Sec 35, T8S-R16E

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUDDED 06/05/83 16. DATE T.D. REACHED 06/17/83 17. DATE COMPL. (Ready to prod.) 11/19/88 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5586' GR 19. ELEV. CASINGHEAD 5586'

20. TOTAL DEPTH, MD & TVD 5680' 21. PLUG BACK T.D., MD & TVD 5626' 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 4998 - 5067 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN None 27. WAS WELL CORRED 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	304	12 1/4	210 sx Cl "G" + 2% CaCl <sub>2</sub>	# sx Flocele
5 1/2	17	5677	7 7/8	300 sx Lodense & 300 sx	Gypseal

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	5102'	

31. PERFORATION RECORD (Interval, size and number)

5000-22 (1 spf)  
5057-67 (4 spf)  
4998-5022 (3 spf-additional)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
11/21/88	Pumping	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-1-88	72	-	→	33	80	NM	2405
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
-	-	→	11	27	NM	330	

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

35. LIST OF ATTACHMENTS  
None

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

SIGNED [Signature] TITLE Production Technician DATE 1/24/89

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

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

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Douglas Creek	5005	5035	<div data-bbox="682 682 1165 1015" data-label="Image"> </div>	Uinta Green River Douglas Creek	Surface 1772' 4960'	

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

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

KEBBIE JONES  
 LOMAX EXPLORATION COMPANY  
 PO BOX 1446  
 ROOSEVELT UT 84066

UTAH ACCOUNT NUMBER: N0580

REPORT PERIOD (MONTH/YEAR): 6 / 95

AMENDED REPORT  (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓	FEDERAL 2-33							
4301330749	10628	08S 16E 33	GRRV			U34173		
✓	FEDERAL 14-28							
4301330792	10628	08S 16E 28	GRRV			SL071572A		
✓	WEST MONUMENT 10-28							
4301330856	10628	08S 16E 28	GRRV			"		
✓	TRAVIS FEDERAL 5-33							
4301331435	10628	08S 16E 33	GRRV			U34173		
✓	FEDERAL 7-23							
4301330662	10629	09S 16E 23	GRRV			U15855		
✓	BOUNDARY FED 11-21							
4301330752	10630	08S 17E 21	GRRV			U50376		
✓	DERAL #1-35							
4301330561	10835	08S 16E 35	GRRV			U16535		
✓	STATE 1-2							
4301330596	10835	09S 16E 2	GRRV			ML21839		
✓	STATE 13-36							
4301330623	10835	08S 16E 36	GRRV			ML22061		
✓	STATE #3-2							
4301330627	10835	09S 16E 2	GRRV			ML21839		
✓	FEDERAL #12-35							
4301330744	10835	08S 16E 35	GRRV			U16535		
✓	STATE 12-36							
4301330746	10835	08S 16E 36	GRRV			ML22061		
✓	FEDERAL 6-35							
4301330751	10835	08S 16E 35	GRRV			U16535		
<b>TOTALS</b>								

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

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

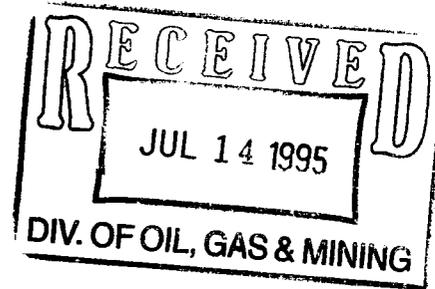
Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Lomax Exploration Company

A subsidiary of Inland Resources Inc.



*Announcing*  
*Our Name Change*

*From*

**Lomax Exploration Company**

*To*

**Inland Production  
Company**

*\* N 5160 assigned 7/26/95. See*

*Field And Corporate Office Locations Remain The Same:*

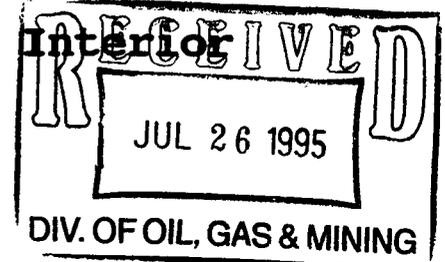
Corporate Office:  
Inland Resources Inc.  
475 Seventeenth Street, Suite 1500  
Denver, CO 80202

Field Office:  
W. Pole Line Road  
P.O. Box 1446  
Roosevelt, Utah 84066

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155



JUL 25 1995

IN REPLY REFER TO:  
3100  
SL-065914 et al  
(UT-923)

NOTICE

Inland Production Company : Oil and Gas Leases  
475 Seventeenth St., Ste. 1500 : SL-065914 et al  
Denver, Colorado 80202 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Lomax Exploration Company to Inland Production Company on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

For our purposes, the name change is recognized effective June 29, 1995 (Secretary of State's approval date).

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Lomax Exploration Company to Inland Production Company on Bond No. 4488944 (BLM Bond No. UT0056). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to this office. BLM Bond Nos. MT0771 and WY0821 should also be changed for the bonds held by Montana and Wyoming respectively.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral  
Leasing Adjudication

Enclosure  
1-Exhibit (1 p)

cc: Hartford Accident & Indemnity Co.  
Hartford Plaza  
Hartford, CT 06115

bc: Moab District Office  
Vernal District Office  
Montana State Office  
Wyoming State Office  
Eastern States Office  
MMS--Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
State of Utah, Attn: Lisha Cordova, Division of Oil, Gas & Mining,  
355 West North Temple, 3 Triad Center, Suite 350, SLC, UT 84180  
Teresa Thompson (UT-922)  
Dianne Wright (UT-923)

**EXHIBIT**

SL-065914	U-36846	UTU-66185
SL-071572A	U-38428	UTU-67170
U-02458	U-45431	UTU-68548
U-15855	U-47171	UTU-69060
U-16535	U-50376	UTU-69061
U-26026	U-62848	UTU-72103
U-34173	UTU-65965	UTU-72104
U-36442	UTU-66184	UTU-73088

**Lomax Exploration Company**

A subsidiary of Inland Resources Inc.



July 13, 1995

State of Utah Department of Natural Resources  
Attention: Ms Becky Pritchett  
355 W. North Temple  
3 Triad Center, Suite 400  
Salt Lake City, Utah 84180-1204

RE: Corporate Name Change

Dear Sir or Madame:

Effective July 1, 1995, Lomax Exploration Company will have taken the steps necessary to change its name to **Inland Production Company**. A Certificate issued by the Texas Secretary of State evidencing the name change is attached for your files. We have also attached to this letter those Utah State leases (Exhibit "B") and wells (Exhibit "A") affected by this name change. We have attempted to provide a complete list from the records we have. The intent is to include all leases and wells that Lomax Exploration Company operates or has an interest in.

Riders changing the Principal from Lomax Exploration Company to Inland Production Company under Nationwide Oil and Gas Bond # 4488944 for Lomax Exploration Company will be furnished to the State of Utah in the very near future.

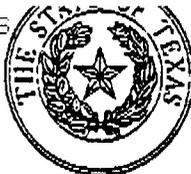
Please amend your records by substituting Inland Production Company in place of Lomax Exploration Company on the leases and wells listed on the attached exhibits. In the future we will begin submitting notices and permits for new operations after July 1, 1995 in the name of Inland Production Company.

Should a fee be required or should you need further information or documents relating to our name change please contact the undersigned at your convenience at the following number: (303) 292-0900 or Cheryl Cameron at our Roosevelt, Utah office (801) 722-5103.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Chris A. Potter".

Chris A Potter, CPL  
Manager of Land



The State of Texas

Secretary of State  
JUNE 30, 1995

MIKE PARSONS...GLAST, PHILLIPS & MURRAY  
2200 ONE GALLERIA TWR, 13355 NOEL RD, L848  
DALLAS ,TX 75240-6657

RE:  
INLAND PRODUCTION COMPANY  
CHARTER NUMBER 00415304-00

IT HAS BEEN OUR PLEASURE TO APPROVE AND PLACE ON RECORD YOUR ARTICLES OF AMENDMENT. A COPY OF THE INSTRUMENT FILED IN THIS OFFICE IS ATTACHED FOR YOUR RECORDS.

THIS LETTER WILL ACKNOWLEDGE PAYMENT OF THE FILING FEE.

IF WE CAN BE OF FURTHER SERVICE AT ANY TIME, PLEASE LET US KNOW.

VERY TRULY YOURS,



  
Antonio O. Garza, Jr., Secretary of State



The State of Texas

Secretary of State

CERTIFICATE OF AMENDMENT

FOR

INLAND PRODUCTION COMPANY

FORMERLY

LOMAX EXPLORATION COMPANY  
CHARTER NUMBER 00415304

THE UNDERSIGNED, AS SECRETARY OF STATE OF THE STATE OF TEXAS,  
HEREBY CERTIFIES THAT THE ATTACHED ARTICLES OF AMENDMENT FOR THE ABOVE  
NAMED ENTITY HAVE BEEN RECEIVED IN THIS OFFICE AND ARE FOUND TO  
CONFORM TO LAW.

ACCORDINGLY THE UNDERSIGNED, AS SECRETARY OF STATE, AND BY VIRTUE  
OF THE AUTHORITY VESTED IN THE SECRETARY BY LAW, HEREBY ISSUES THIS  
CERTIFICATE OF AMENDMENT.

DATED JUNE 29, 1995

EFFECTIVE JUNE 29, 1995



  
Antonio O. Garza, Jr., Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
LOMAX EXPLORATION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

JUN 29 1995

Corporations Section

Pursuant to the provisions of Part Four of the Texas Business Corporation Act, the undersigned corporation adopts the following articles of amendment to its Articles of Incorporation:

1. **Name.** The name of the corporation is LOMAX EXPLORATION COMPANY.
2. **Statement of Amendment.** The amendment alters or changes Article One of the original Articles of Incorporation to read in full as follows:

"Article One. The name of the corporation is INLAND PRODUCTION COMPANY."

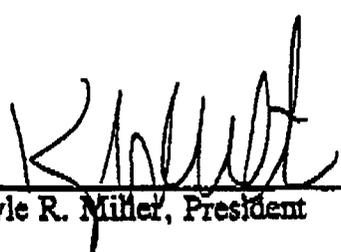
3. **Shareholders.** The number of shares of the corporation outstanding at the time of such adoption was 205,315, there being 107,546 Common Shares and 97,769 Non-voting Preferred Shares; and the number of shares entitled to vote thereon was 107,546.

4. **Adoption by Shareholders.** Only the holders of Common Shares of the corporation are entitled to vote on the amendment. The shareholders adopted the foregoing amendment by unanimous written consent dated June 23, 1995, pursuant to the provisions of Article 9.10 of the Texas Business Corporation Act and, therefore, no notice was required to be delivered under said Article 9.10.

5. **Adoption by Board of Directors.** The Board of Directors adopted said amendment by a consent in writing signed by all Directors.

6. **Future Effective Date.** This amendment will become effective on July 1, 1995, at 12:01 a.m.

EXECUTED June 26, 1995.

  
\_\_\_\_\_  
Kyle R. Miller, President

FAX COVER SHEET



RESOURCES INC.  
475 17th Street, Suite 1500  
Denver, CO 80202  
303-292-0900, Fax #303-296-4070

DATE: August 8, 1995

TO: Lisha Cordova

COMPANY: State of Utah - Division of Oil, Gas and Mining

FAX NUMBER: 801 359 3940

FROM: Chris A Potter

NUMBER OF PAGES: 1 (INCLUDING COVER SHEET):

---

RE: Transfer of Authority to Inject  
Lomax Exploration Company to Inland Production Company

I hope the info I sent to you August 1st was acceptable regarding our name change and your phone call to me last week.....

If there is anything missing or you need additional info, please let me know. I am located in our Denver office.....

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing: (GIL) *[initials]*

1-MLC	7-PL	✓
2-LWP	8-SJ	✓
3-DTS	9-FILE	✓
4-VLC		✓
5-RJF		✓
6-LWP		✓

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

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

(MERGER)

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-29-95)

TO (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM (former operator)	<u>LOMAX EXPLORATION COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 1446</u>
	<u>ROOSEVELT UT 84066</u>		<u>ROOSEVELT UT 84066</u>
	<u>KEBBIE JONES</u>		<u>KEBBIE JONES</u>
	phone ( <u>801</u> ) <u>722-5103</u>		phone ( <u>801</u> ) <u>722-5103</u>
	account no. <u>N 5160</u>		account no. <u>N 0580</u>

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

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30744</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 7-14-95)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) no If yes, show company file number: \_\_\_\_\_ *(7-28-95)*
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-31-95)*
- Sup 6. Cardex file has been updated for each well listed above. *8-16-95*
- Sup 7. Well file labels have been updated for each well listed above. *8-22-95*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(7-31-95)*
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

BOND VERIFICATION (~~Fee wells only~~) *Trust Lands Admin. / Rider or Repl. in Progress.*

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- \_\_\_\_ 2. A copy of this form has been placed in the new and former operators' bond files.
- \_\_\_\_ 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_ . Today's date \_\_\_\_\_ 19\_\_\_\_ . If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_ .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_ , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OTS* 2. *8/23/95* Copy of documents have been sent to State Lands for changes involving State leases. *sent to Ed Bancer*

FILMING

- 1. All attachments to this form have been microfilmed. Date: August 30 1995.

FILING

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

COMMENTS

*950726 Blm/SL Aprv. eff. 6-29-95.*

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-16535**

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

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

8. Well Name and No.  
**FEDERAL 12-35**

9. API Well No.  
**43-013-30744**

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)  
**1839 FSL 0779 FWL      NW/SW Section 35, T08S R16E**

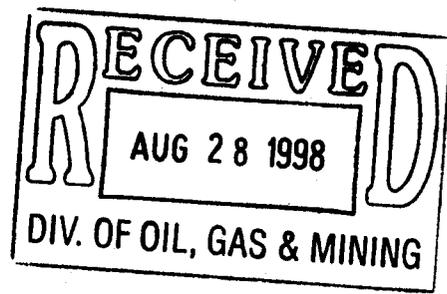
12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 Diagram</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

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

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

Attached please find a site security diagram for the above referenced well. This diagram supercedes any previously submitted site security diagrams.



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

Signed Debbie E. Knight Title Manager, Regulatory Compliance Date 8/25/98

(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 12-35

NW/SW Sec. 35, 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

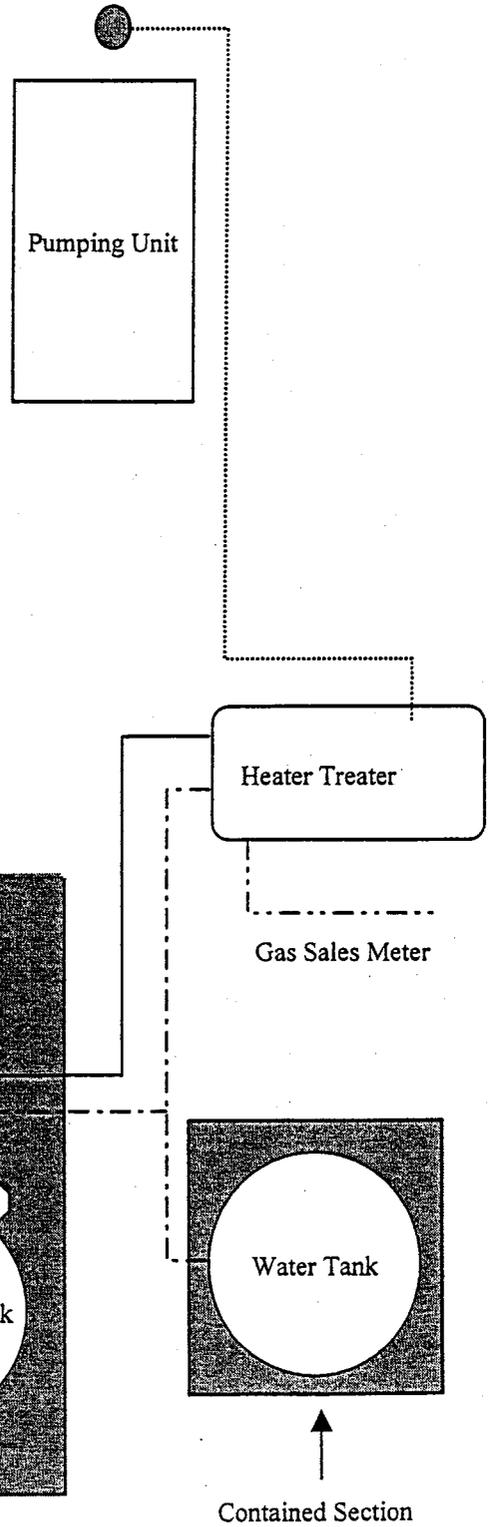
**Sales Phase:**

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

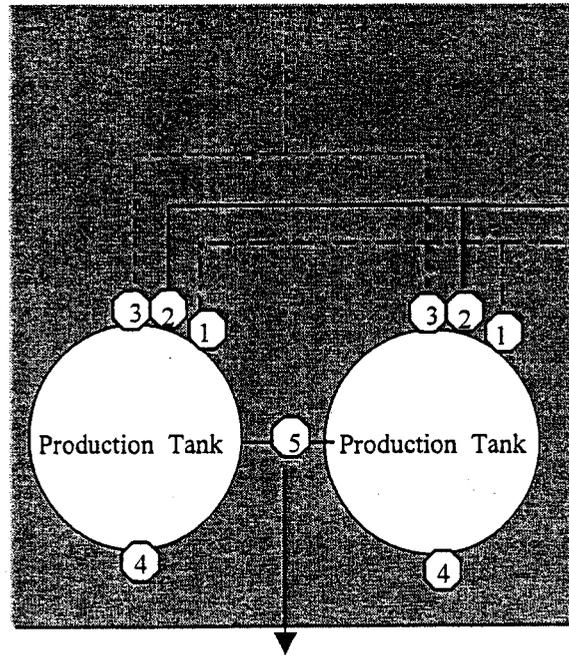
**Draining Phase:**

- 1) Valve 1 open

Well Head



Diked Section →



↑ Contained Section

**Legend**

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

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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-16535**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**FEDERAL 12-35**

9. API Well No.

**43-013-30744**

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)

**1839 FSL 0779 FWL                      NW/SW Section 35, T08S R16E**

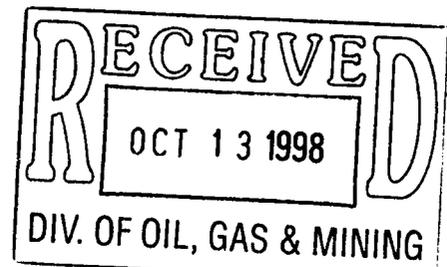
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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



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

Signed

Rebecca E. Knight

Title

Manager, Regulatory Compliance

Date

10/8/98

(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 12-35  
NW/SW Sec. 35, T8S, 16E  
Duchesne County  
May 12, 1998

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

**Production Phase:**

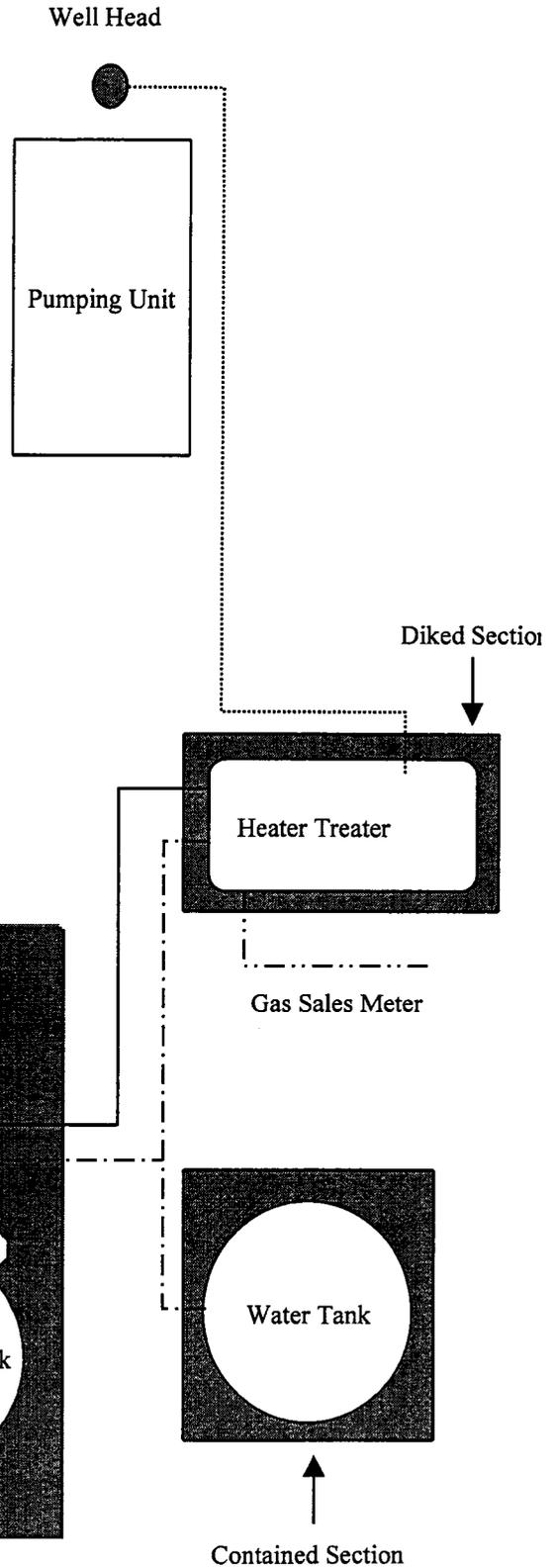
- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

**Sales Phase:**

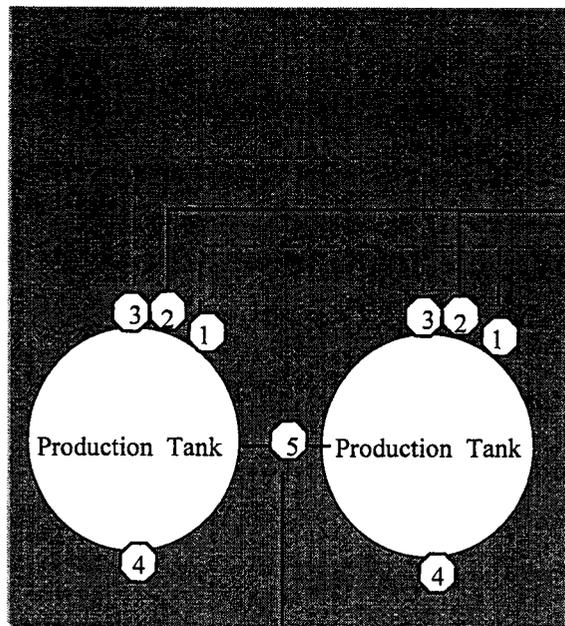
- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

**Draining Phase:**

- 1) Valve 1 open



Diked Section →



**Legend**

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

Equalizer Line

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-16535**

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA, Agreement Designation  
**Monument Butte Unit**

8. Well Name and No.  
**Monument Butte Federal 12-35-8-16**

9. API Well No.  
**43-013-30744**

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**1839' FSL & 779' FWL NW/SW Section 35, T8S, R16E**

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

TYPE OF SUBMISSION

- Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

Status report for time period 5/14/01 through 5/20/01.  
 Subject well had re-completion procedures initiated on 5/16/01. One Additional Green River interval was perforated and hydraulically fracture treated as follows: GB6 sds @ 4519-4552' (4 JSPF) fraced W/ 146,000# 20/40 mesh sand in 910 bbls Viking I-25 fluid. Sand was cleaned f/ wellbore. New interval is being swab tested for cleanup at present time.

**RECEIVED**

MAY 24 2001

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct  
 Signed Gary Dietz Title **Completion Foreman** Date **21-May-01**

(This space for Federal or State office use)

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

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

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-16535**

6. If Indian, Allottee or Tribe Name  
NA

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well     Gas Well     Other

7. If Unit or CA, Agreement Designation  
**Monument Butte Unit**

8. Well Name and No.  
**Monument Butte Federal 12-35-8-16**

9. API Well No.  
**43-013-30744**

2. Name of Operator  
**Inland Production Company**

3. Address and Telephone No.  
**Route #3 Box 3630 Myton, Utah 84052 435-646-3721**

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**1839' FSL & 779' FWL NW/SW Section 35, T8S, R16E**

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

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

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

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

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

Status report for time period 5/21/01 through 5/27/01.

Subject well had re-completion procedures initiated on 5/16/01. One Additional Green River interval was perforated and hydraulically fracture treated as follows: GB6 sds @ 4519-4552' (4 JSPF) fraced W/ 146,000# 20/40 mesh sand in 910 bbls Viking I-25 fluid. Sand was cleaned f/ wellbore. New interval was swab tested for cleanup. Bridge plug was removed from well. Production equipment was replaced in well. Well began producing again on rod pump on 5/22/01.

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

Signed Gary Dietz Title **Completion Foreman** Date **29-May-01**

(This space for Federal or State office use)

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

Conditions of approval, if any:  
CC: Utah DOGM

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

\*See Instruction on Reverse Side

**RECEIVED**

MAY 29 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior



## BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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



## Office of the Secretary of State

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

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004**

<b>FROM:</b> (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO:</b> ( New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	--

**CA No.**

**Unit:**

**MONUMENT BUTTE (GR D)**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 1-34	34	080S	160E	4301330808	10835	Federal	WI	A
MONUMENT FED 8-34	34	080S	160E	4301330843	10835	Federal	OW	P
MONUMENT FED 10-34	34	080S	160E	4301331371	10835	Federal	OW	P
MON FED 9-34	34	080S	160E	4301331407	10835	Federal	WI	A
FEDERAL 1-35	35	080S	160E	4301330561	10835	Federal	OW	P
FEDERAL 4-35	35	080S	160E	4301330605	10835	Federal	WI	A
FEDERAL 2-35	35	080S	160E	4301330606	10835	Federal	WI	A
FEDERAL 3-35	35	080S	160E	4301330608	10835	Federal	WI	A
FEDERAL 5-35	35	080S	160E	4301330686	10835	Federal	WI	A
FEDERAL 12-35	35	080S	160E	4301330744	10835	Federal	OW	P
MON FED 13-35	35	080S	160E	4301330745	10835	Federal	WI	A
FEDERAL 6-35	35	080S	160E	4301330751	10835	Federal	OW	P
FEDERAL 10-35	35	080S	160E	4301330801	10835	Federal	OW	P
FEDERAL 14-35	35	080S	160E	4301330812	10835	Federal	OW	P
MONUMENT FED 8-35	35	080S	160E	4301331263	10835	Federal	OW	P
MON FED 15-35	35	080S	160E	4301331264	10835	Federal	WI	A
STATE 1-36	36	080S	160E	4301330592	10835	State	WI	A
STATE 13-36	36	080S	160E	4301330623	10835	State	WI	A
STATE 5-36	36	080S	160E	4301330624	10835	State	WI	A
STATE 12-36	36	080S	160E	4301330746	10835	State	OW	P
STATE 1-2	02	090S	160E	4301330596	10835	State	WI	A
STATE 3-2	02	090S	160E	4301330627	10835	State	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

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

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

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

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

**DATA ENTRY:**

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

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

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

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

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

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

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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



August 28, 2008

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 #12-35-8-16  
Monument Butte Field, Lease #UTU-16535  
Section 35-Township 8S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Monument Butte Federal #12-35-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

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, appearing to read "Eric Sundberg", with a long horizontal flourish extending to the right.

Eric Sundberg  
Regulatory Analyst

RECEIVED  
OCT 06 2008  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**MONUMENT BUTTE FEDERAL #12-35-8-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #U-16535**  
**AUGUST 28, 2008**

## 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 FED #12-35-8-16
ATTACHMENT E-1	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #4A-35R
ATTACHMENT E-2	WELLBORE DIAGRAM – MONUMENT BUTTE FED #5-35
ATTACHMENT E-3	WELLBORE DIAGRAM – MONUMENT BUTTE FED #6-35-8-16
ATTACHMENT E-4	WELLBORE DIAGRAM – MONUMENT BUTTE M-35-8-16
ATTACHMENT E-5	WELLBORE DIAGRAM – MONUMENT BUTTE FED #4-35-8-16
ATTACHMENT E-6	WELLBORE DIAGRAM – MONUMENT BUTTE FED #10-35-8-16
ATTACHMENT E-7	WELLBORE DIAGRAM – MONUMENT BUTTE FED #13-35
ATTACHMENT E-8	WELLBORE DIAGRAM – MONUMENT BUTTE FED #Q-35-8-16
ATTACHMENT E-9	WELLBORE DIAGRAM – MONUMENT BUTTE FED #14-35-8-16
ATTACHMENT E-10	WELLBORE DIAGRAM – MONUMENT BUTTE #4-2-9-16
ATTACHMENT E-11	WELLBORE DIAGRAM – MONUMENT BUTTE FED #8-34-8-16
ATTACHMENT E-12	WELLBORE DIAGRAM – MONUMENT BUTTE FED #9-34-8-16
ATTACHMENT E-13	WELLBORE DIAGRAM – MONUMENT BUTTE FEDERAL #16-34-8-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 7/10/83-7/18-83 & 5/16/01-5/23/01
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

Monument Butte (GR) Unit

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: Monument Butte Federal 12-35-8-16  
Field or Unit name: Monument Butte (Green River) (Ashley) PA AB Lease No. U-16535  
Well Location: QQ NW/SW section 35 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: 43-013-30744

Proposed injection interval: from 4170 to 5357  
Proposed maximum injection: rate 500 bpd pressure 1767 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: Eric Sundberg Signature   
Title Regulatory Analyst Date 9/22/07  
Phone No. (303) 893-0102

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

Comments:

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

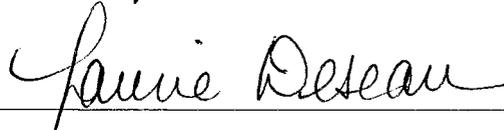
RE: Application for Approval of Class II Injection Well  
Monument Butte Federal #12-35-8-16

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:   
Newfield Production Company  
Eric Sundberg  
Regulatory Analyst

Sworn to and subscribed before me this 23 day of September, 2008.

Notary Public in and for the State of Colorado:



My Commission Expires:

05/05/2009

# Monument Butte Fed. #12-35

Spud Date: 6/5/1983  
 Put on Production: 11/19/1988  
 GL: 5586' KB: 5597'

Initial Production: 33 BOPD,  
 80 MCFD, NM BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.  
 DEPTH LANDED: 304'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sxs Class "G" cmt.

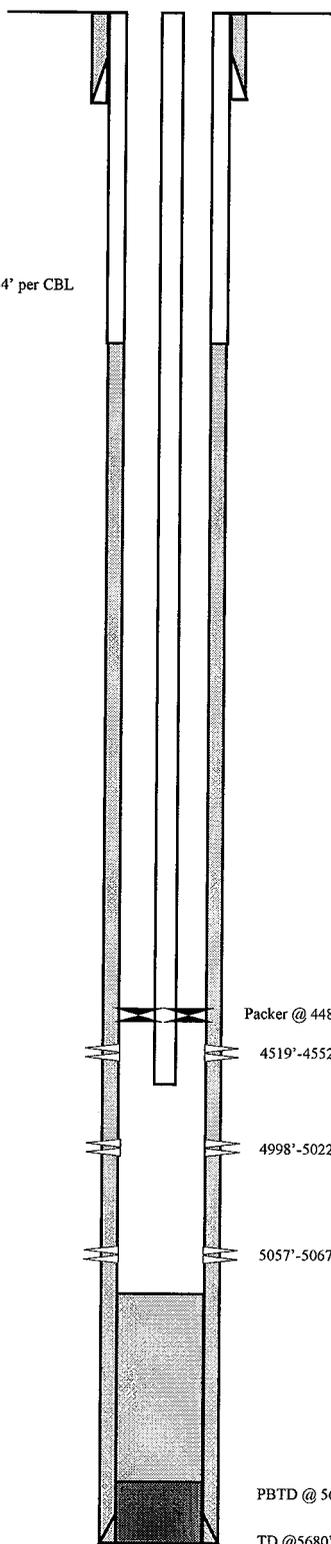
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts.  
 DEPTH LANDED: 5677'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs LoDense & 300 sxs Gypseal  
 CEMENT TOP AT: 1144' per CBL

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 153 jts (4949.24')  
 TUBING ANCHOR: 4964.82'  
 NO. OF JOINTS: 3 jts  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5044.81' KB  
 NO. OF JOINTS: 1 jts (32.46')  
 TOTAL STRING LENGTH: EOT @ 5078.82'

Cement Top @ 1144' per CBL



### FRAC JOB

7/13/83	5000'-5022'	<b>Frac D-1 sand as follows:</b> 124,300# 20/40 sand in 858 bbls Viking I-25 fluid.
7/13/83	4998'-5022' 5057'-5067'	<b>Break zones as follows:</b> 164 bbl. 3% KCl, max press. 2500#, ISIP 1800#.
5/18/01	4519'-4552'	<b>Frac GB-6 sand as follows:</b> 146,000# 20/40 sand in 910 bbls Viking I-25 fluid. Treat @ avg. pressure of 2100 psi at 29.8 BPM. ISIP 2430 psi. Calc. Flush: 4519 bbl. Act. Flush: 4326 bbl. Flow 7 hrs. then died.
12/26/01		Rod job. Update rod and tubing details.
4/18/03		Tubing leak. Update rod and tubing details.

### PERFORATION RECORD

7/12/83	4998'-5022'	4 JSPF	96 holes
7/13/83	5057'-5067'	4 JSPF	40 holes
5/17/01	4519'-4552'	4 JSPF	132 holes

**NEWFIELD**

**Monument Butte Fed. #12-35**  
 779' FWL & 1839' FSL  
 NWSW Section 35-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30744; Lease #U-16535

## 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, liquefied petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
  - 2.1 The name and address of the operator of the project.**

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 #12-35-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field, Wells Draw 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 Fed #12-35-8-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (4289' -5357'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 33958' and the TD is at 5680'.
  
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Monument Butte Federal #12-35-8-16 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 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-69744) in the Monument Butte Federal (Green River) Field, Wells Draw 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# surface casing run to 304' KB, and 5-1/2", 15.5# casing run from surface to 5677' 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 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 1767 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 #12-35-8-16, for existing perforations (4519' - 5067') calculates at 0.79 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 1767 psig. We may add additional perforations between 4289' and 5680'. 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 #12-35-8-16, the proposed injection zone (4289' - 5769') is in the Garden Gulch to Basal Limestone 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 Federal Field. Outside the Monument Butte Federal 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-13.

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.**

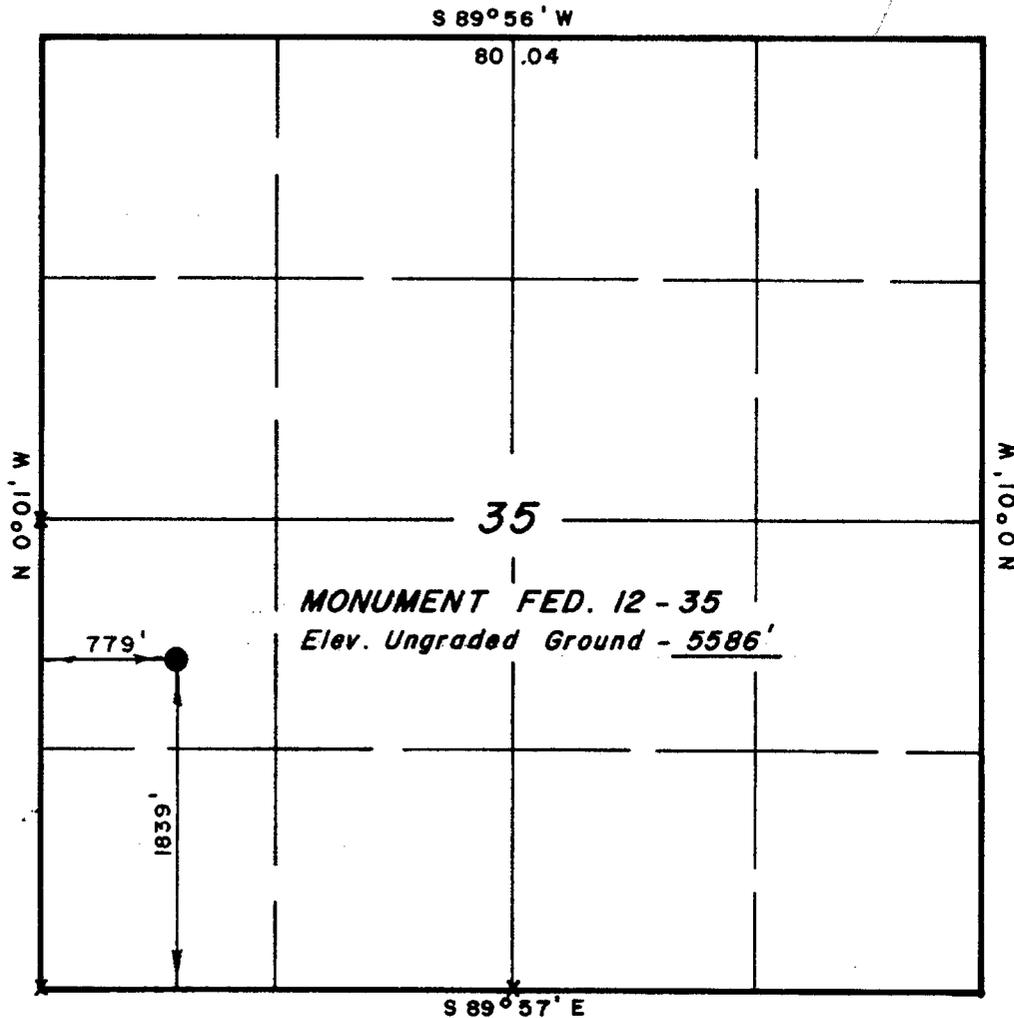
Newfield Production Company will supply any requested information to the Board or Division.

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

PROJECT  
LOMAX EXPLORATION CO.

Well location, **MONUMENT FEDERAL #12-35**, located as shown in NW 1/4 SW 1/4, Section 35, T8S, R16E, S.L.B.&M. Duchesne County, Utah.

Attachment A-1



X = Section Corner Located



CERTIFICATE

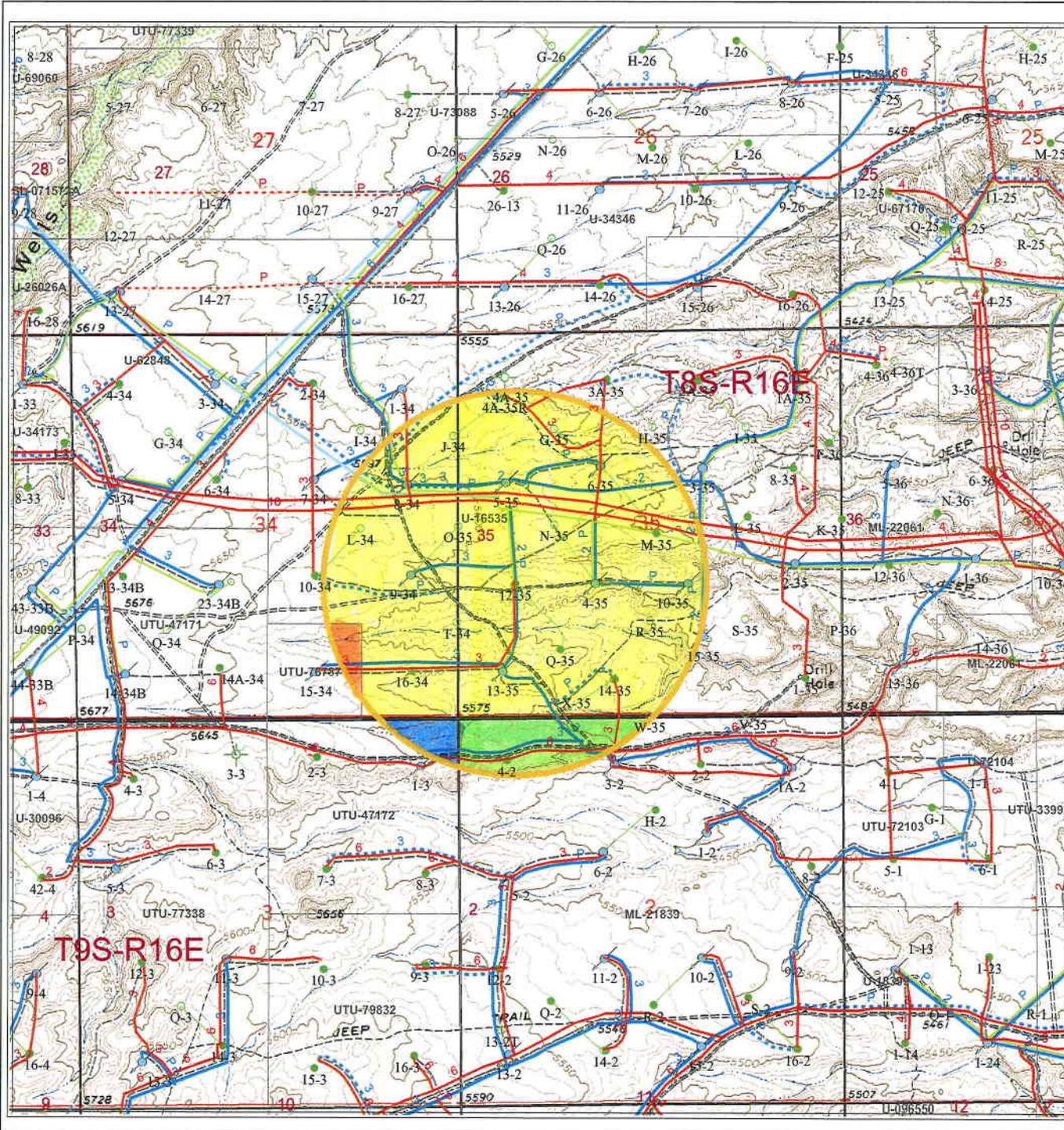
I HEREBY CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Lawrence C. Kay*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	2/10/83
PARTY	RK, DB, JK JH	REFERENCES	GLO PLAT
WEATHER	FAIR	FILE	LOMAX



**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

**Injection system**

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

**Gas Pipelines**

- Gathering lines
- - - Proposed lines

**Leases**

- Leases
- Mining tracts
- 12-35-8-16 1/2mile radius

U-14535  
 ML-21839  
 UTU-74787  
 UTU-47172

Mon Butte Federal 12-35-8-16  
 Section 35, T8S-R16E

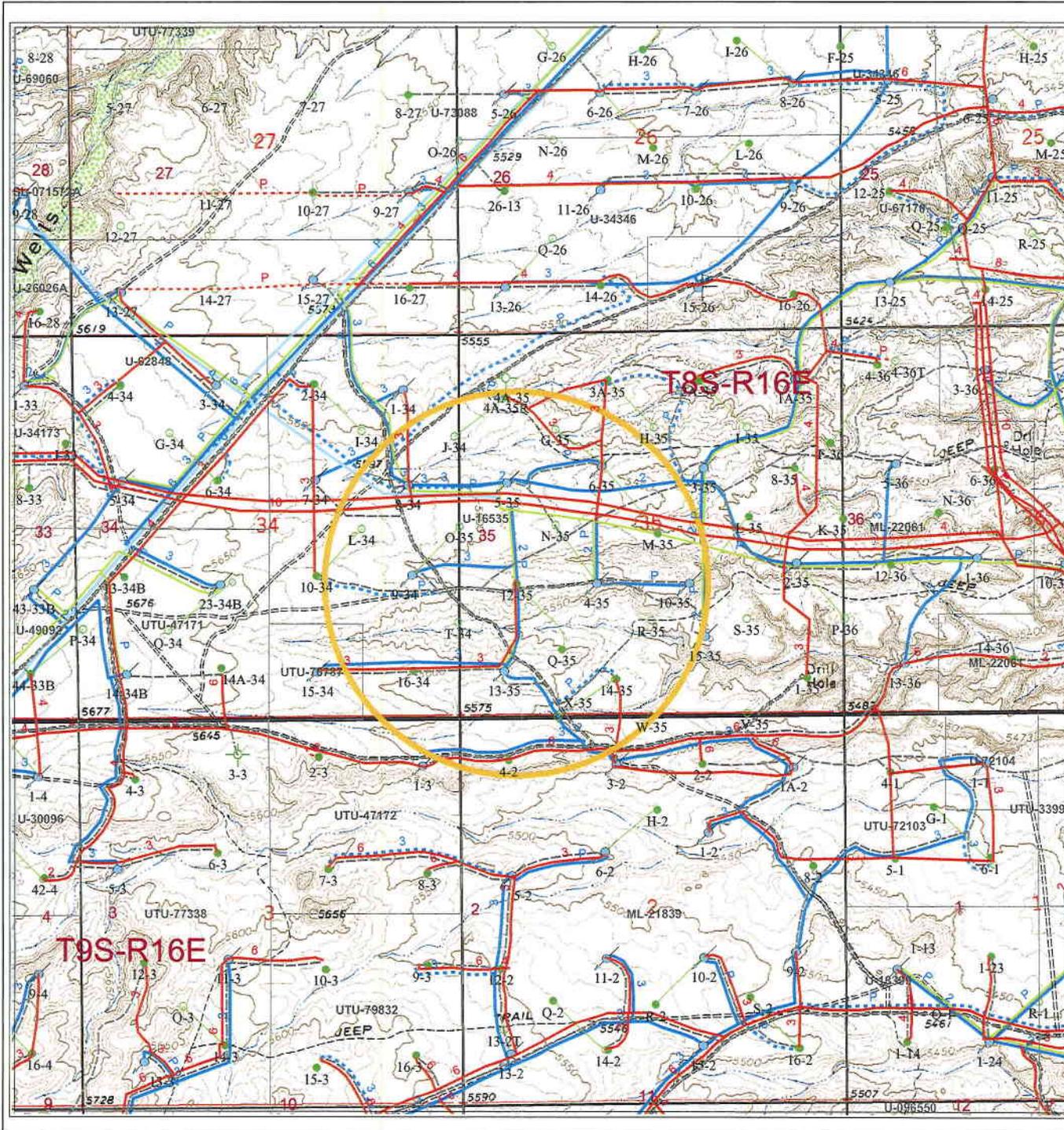
**NEWFIELD**   1" = 2000'

**ROCKY MOUNTAINS**

**1/2 Mile Radius Map**  
 Duchesne County

1001 17th Street Suite 2000  
 Denver, Colorado 80202  
 Phone: (303) 893-0102

March 11, 2009



**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**

- Leases
- Mining tracts
- 12-35-8-16 1/2mile radius

Mon Butte Federal 12-35-8-16  
Section 35, T8S-R16E

**NEWFIELD**  
ROCKY MOUNTAINS

1" = 2000'

**1/2 Mile Radius Map**  
Duchesne County

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

March 11, 2009

# Monument Butte Fed. #12-35

Spud Date: 6/5/1983  
 Put on Production: 11/19/1988  
 GL: 5586' KB: 5597'

Initial Production: 33 BOPD,  
 80 MCFD, NM BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts.  
 DEPTH LANDED: 304'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sxs Class "G" cmt.

**PRODUCTION CASING**

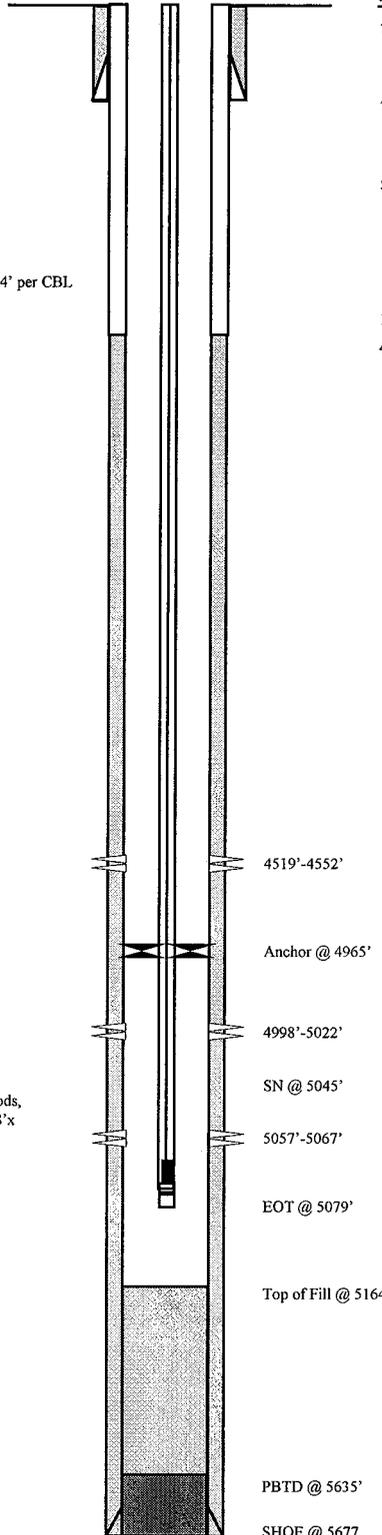
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts.  
 DEPTH LANDED: 5677'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs LoDense & 300 sxs Gypseal  
 CEMENT TOP AT: 1144' per CBL

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 153 jts (4949.24')  
 TUBING ANCHOR: 4964.82'  
 NO. OF JOINTS: 3 jts  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5044.81' KB  
 NO. OF JOINTS: 1 jts (32.46')  
 TOTAL STRING LENGTH: EOT @ 5078.82'

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 22' SM  
 SUCKER RODS: 6-1 1/2" K-bars; 12-3/4" scraped rods; 37-3/4" plain rods,  
 6-3/4" scraped rods, 48- 3/4" plain rods, 91- 3/4" scraped rods, 2', 4', 8' x  
 3/4 pony rods  
 PUMP SIZE: 2 1/2" x 1 1/2" x 12"x16' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL



**FRAC JOB**

7/13/83	5000'-5022'	<b>Frac D-1 sand as follows:</b> 124,300# 20/40 sand in 858 bbls Viking I-25 fluid.
7/13/83	4998'-5022' 5057'-5067'	<b>Break zones as follows:</b> 164 bbl. 3% KCl, max press. 2500#, ISIP 1800#.
5/18/01	4519'-4552'	<b>Frac GB-6 sand as follows:</b> 146,000# 20/40 sand in 910 bbls Viking I-25 fluid. Treat @ avg. pressure of 2100 psi at 29.8 BPM. ISIP 2430 psi. Calc. Flush: 4519 bbl. Act. Flush: 4326 bbl. Flow 7 hrs. then died.
12/26/01		Rod job. Update rod and tubing details.
4/18/03		Tubing leak. Update rod and tubing details.

**PERFORATION RECORD**

7/12/83	4998'-5022'	4 JSPF	96 holes
7/13/83	5057'-5067'	4 JSPF	40 holes
5/17/01	4519'-4552'	4 JSPF	132 holes

**NEWFIELD**

**Monument Butte Fed. #12-35**  
 779' FWL & 1839' FSL  
 NWSW Section 35-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30744; Lease #U-16535

# Monument Butte Federal #4A-35R

Spud Date: 3/4/96  
 Put on Production: 4/11/96  
 GL: 5564' KB: 5577'

Initial Production: 106 BOPD,  
 96 MCFGPD, 8 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 303.93'  
 DEPTH LANDED: 302.73'(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: 143 jts. (6100.56')  
 DEPTH LANDED: 6099.94'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 330 sk Hyfill mixed & 355 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 103 jts (3154.89') 10 jts j-55 (317.43') 53 jts M-50 (1623.39') 19 jts j-55 (603.85')  
 TUBING ANCHOR: 5712.56'  
 NO. OF JOINTS: 1 jt. (32.44')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5747.76'  
 NO. OF JOINTS: 2 jts. (62.72')  
 TOTAL STRING LENGTH: EOT @ 5812.03'

**SUCKER RODS**

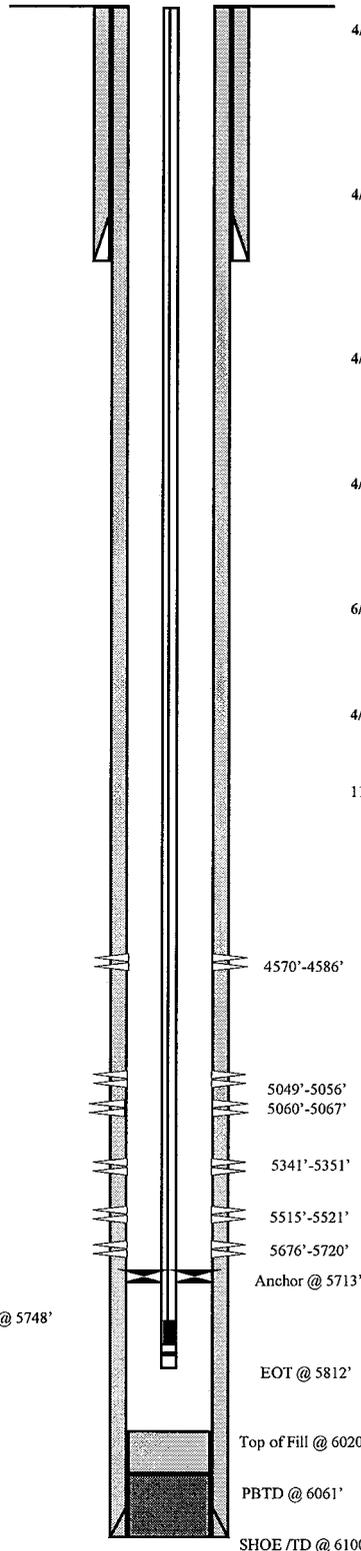
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 4-1 1/2" weight bars, 24-3/4" scraped rods, 98-3/4" slick rods, 104-3/4" scraped rods.  
 PUMP SIZE: 2-1/2" x 1-1/2" x 14.5" RHAC  
 STROKE LENGTH: 76"  
 PUMP SPEED, SPM: 4 SPM

**FRAC JOB**

4/1/96	5676'-5720'	<b>Frac LDC sand as follows:</b> 102,700# 20/40 sd in 581 bbls Boragel. Breakdown @ 2401'. Treated as Follows: avg rate 34 bpm, avg press 3700 psi. Had to keep reducing flush to stay below 4000# max press. ISIP-3882 psi, 5-min 3350 psi. Flowback after 5 min on 16/64" ck @ 2 bpm.
4/3/96	5515'-5521'	<b>Frac A-1 sand as follows:</b> 44,000# 20/40 (screen out w/2699 gal into flush 7# sd off frmtn - 26,800# in frmtn) used in 264 bbls fluid. Breakdown @ 2620 psi treated as follows: avg rate 15.8 bpm, avg press 2300 psi. ISIP-2950 psi, 5-min 2897 psi. Flowback after 5 min on 16/64" ck @ 1 bpm.
4/5/96	5341'-5351'	<b>Frac B-2 sand as follows:</b> 40,800# 20/40 sd in 328 bbls Boragel. Breakdown @ 1650 psi treated @ avg rate 18.5 bpm, avg press 2200 psi. ISIP-2950 psi, 5-min 2537 psi. Flowback after 5 min on 16/64" ck @ 1.5 bpm.
4/8/96	5049'-5067'	<b>Frac D-1 sand as follows:</b> 42,700# 20/40 sd in 316 bbls Boragel. Breakdown @ 3010 psi. Treated @ avg rate 19.5 bpm, avg press 2500 psi. ISIP-2383 psi, 5-min 2328 psi. Flowback after 5 min on 16/64" ck @ 1.8 bpm.
6/7/01	4570'-4586'	<b>Frac GB-6 sand as follows:</b> 97,140# 20/40 sd in 614 bbls Viking I-25 fluid. Treated @ avg rate 30.5 bpm, avg press 2330 psi. ISIP-2630 psi. Flowback on 16/64" ck @ 1 bpm.
4/28/03		<b>Tubing Leak.</b> Update tubing and rod details.
11/4/05		<b>Parted rods:</b> Update rod and tubing details.

**PERFORATION RECORD**

3/30/96	5676'-5720'	2 JSPF	80 holes
4/2/96	5515'-5521'	4 JSPF	24 holes
4/4/96	5341'-5351'	4 JSPF	40 holes
4/6/96	5049'-5056'	4 JSPF	28 holes
4/6/96	5060'-5067'	4 JSPF	28 holes
7/22/01	4570'-4586'	4 JSPF	64 holes





**NEWFIELD**

**Monument Butte Federal #4A-35R**  
 859 FNL & 660 FWL  
 NW/NW Section 35-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31585; Lease #U-16535

A Hahn · E-2

# Monument Butte Fed. #5-35

Spud Date: 10/3/82  
 Put on Production: 11/5/82  
 Put on Injection: 2/01/88  
 GL: 5584' KB: 5594'

Initial Production: 176 BOPD,  
 NM MCFD, 16 BWPD

Injection  
 Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 284'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sxs Class "G" cmt.

**PRODUCTION CASING**

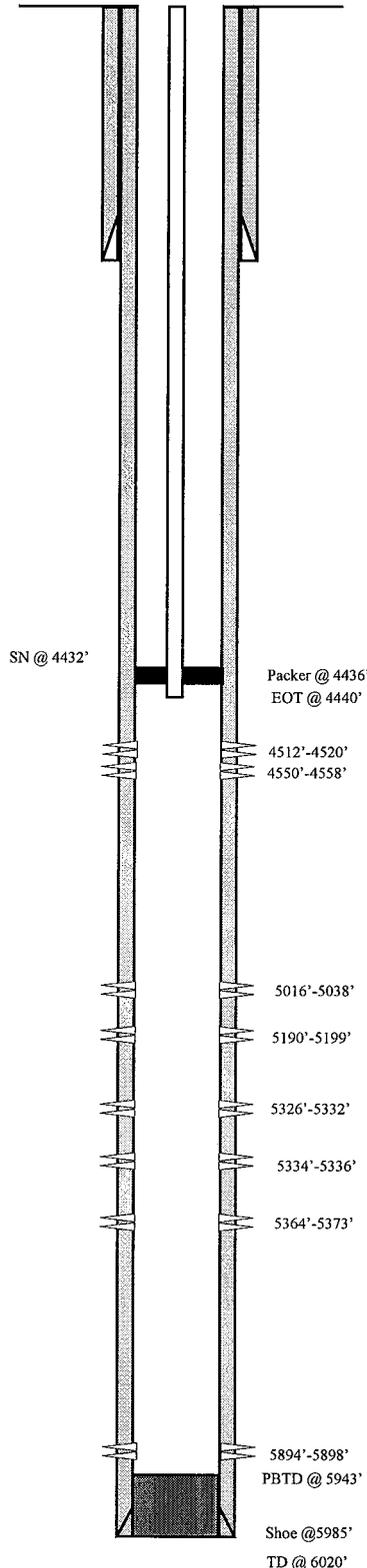
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 17#  
 LENGTH: 143 jts.  
 DEPTH LANDED: 5985'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 375 sxs Hilift & 250 sxs RFC.  
 CEMENT TOP AT: 1080' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 143 jts. (4413.80')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4431.80' KB  
 TUBING PACKER: 4436' KB  
 TOTAL STRING LENGTH: EOT @ 4440.21' KB

**FRAC JOB**

10/22/82	5326'-5373'	<b>Frac B2 sand as follows:</b> 104,000# 20/40 sand in 1023 bbls frac fluid. Treated @ avg press of 2900 psi w/avg rate of 36 BPM. ISIP 2000 psi. Flushed to perms.
10/28/82	5016'-5038'	<b>Frac D1 sand as follows:</b> 120,000# 20/40 sand in 1023 bbls frac fluid. Treated @ avg press of 2650 psi w/avg rate of 35 BPM. ISIP 1950 psi. Flushed to perms.
08-29-03		Conversion to Injection Well. Update tubing detail
8/6/08		5 Year MIT completed and submitted.



**PERFORATION RECORD**

Date	Interval	Holes
10/21/82	5326'-5332'	06 holes
10/21/82	5334'-5336'	02 holes
10/21/82	5364'-5373'	09 holes
10/27/82	5016'-5038'	23 holes
08/26/03	5894'-5898'	4 JSPF 16 holes
08/26/03	5190'-5199'	4 JSPF 36 holes
08/26/03	4550'-4558'	4 JSPF 32 holes
08/26/03	4512'-4520'	4 JSPF 32 holes



Monument Butte Fed. #5-35  
 2042' FNL & 661' FWL  
 SWNW Section 35-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30686; Lease #U-16535

A Hand - E-3

# Monument Butte Fed. #6-35-8-16

Spud Date: 7/13/82  
 Put on Production: 8/18/83  
 GL: 5562'

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (290')  
 DEPTH LANDED: 280'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sxs Class "G" cmt. to surf

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts.  
 DEPTH LANDED: 5656.58'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 250 sx Lodense & 300 sxs Gypseal.  
 CEMENT TOP AT: 2464' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts. (5410.12')  
 TUBING ANCHOR: 5420.12'  
 NO. OF JOINTS: 1 jt. (32.31')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5455.23'  
 NO. OF JOINTS: 2 jts (63.27')  
 TOTAL STRING LENGTH: EOT @ 5520.00'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 6-1 1/2" weight bars; 14-3/4" scraped rods; 85-3/4" plain rods, 113-3/4" scraped rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: DIGL/SP/GR/CAL

**FRAC JOB**

8/3/83 5025'-5055' **Frac as follows:**  
 102,000# 20/40 sand in 672 bbls fluid.  
 Treated @ avg press of 2320 psi w/avg rate of 32 BPM. ISIP 2020 psi.

1/10/91 5342'-5374' **Frac as follows:**  
 65,000# 20/40 sand in 1002 bbls fluid.  
 Treated @ avg press of 3800 psi w/avg rate of 17 BPM. ISIP 2440 psi.

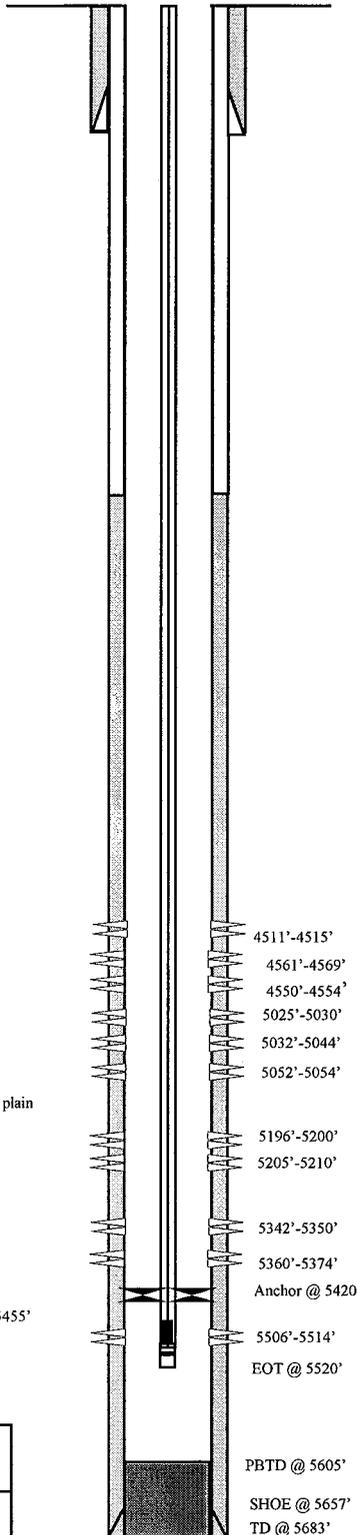
11/30/01 Tubing leak. Update rod and tubing details.

12/9/02 5506'-5514' **Frac A sands as follows:**  
 19,730# 20/40 sand in 189 bbls Viking I-25 fluid. Treated @ avg. pressure of 4595 psi w/avg. rate of 18.2 BPM. ISIP - 7400 psi. Calc. flush: 1442 gals. Actual flush: 1302 gals.

12/9/02 5196'-5210' **Frac C sands as follows:**  
 24,541# 20/40 sand in 222 bbls Viking I-25 fluid. Treated @ avg. pressure of 4090 psi w/avg. rate of 18.2 BPM. ISIP - 2400 psi. Calc. flush: 1442 gals. Actual flush: 1260 gals.

12/9/02 4511'-4569' **Frac GB sands as follows:**  
 61,347# 20/40 sand in 471 bbls Viking I-25 fluid. Treated @ avg. pressure of 2010 psi w/avg. rate of 26.2 BPM. ISIP - 2150 psi. Calc. flush: 4511 gals. Actual flush: 4410 gals.

03/16/04 **Parted Rods. Update rod details.**



**PERFORATION RECORD**

Date	Depth Range	ISIP	Holes
8/3/83	5052'-5054'	1 JSPF	3 holes
8/3/83	5032'-5044'	1 JSPF	13 holes
8/3/83	5026'-5030'	1 JSPF	6 holes
1/7/91	5052'-5054'	3 JSPF	9 holes
1/7/91	5032'-5044'	3 JSPF	39 holes
1/7/91	5025'-5030'	3 JSPF	18 holes
1/7/91	5342'-5350'	4 JSPF	32 holes
1/7/91	5360'-5374'	4 JSPF	56 holes
12/6/02	5506'-5514'	4 JSPF	32 holes
12/6/02	5205'-5210'	4 JSPF	20 holes
12/6/02	5196'-5200'	4 JSPF	16 holes
12/6/02	4561'-4569'	4 JSPF	32 holes
12/6/02	4550'-4554'	4 JSPF	16 holes
12/6/02	4511'-4515'	4 JSPF	16 holes

**NEWFIELD**

**Monument Butte Fed. #6-35-8-16**

1831' FNL & 1968' FWL

SE/NW Section 35-T8S-R16E

Duchesne Co, Utah

API #43-013-30751; Lease #UTU-16535

# Monument Butte M-35-8-16

Spud Date: 11-9-06  
 Put on Production: 1-5-07  
 GL: 5563' KB: 5575'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (311.67')  
 DEPTH LANDED: 323.52' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 1 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 149 jts. (6505.29')  
 DEPTH LANDED: 6518.54' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 375 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 78'

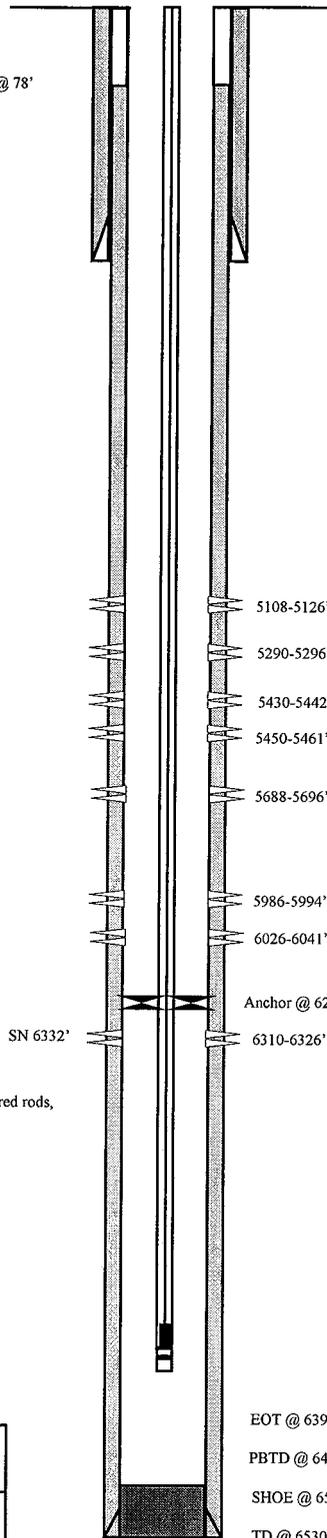
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 200 jts (6285.90')  
 TUBING ANCHOR: 6297.90' KB  
 NO. OF JOINTS: 1 jts (31.64')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6332.34' KB  
 NO. OF JOINTS: 2 jts (63.40')  
 TOTAL STRING LENGTH: EOT @ 6397.29' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26' SM  
 SUCKER RODS: 1-8", 1-6' & 1-2' X 7/8" pony rods, 248- 7/8" scraped rods, 4-1 1/2" weight rods.  
 PUMP SIZE: 2-1/2" x 1-3/4" x 20' RHAC w/SM plunger  
 STROKE LENGTH: 123"  
 PUMP SPEED, SPM: 4 SPM

Cement top @ 78'



**FRAC JOB**

12-21-06	6310-6326'	<b>Frac CP5 sands as follows:</b> 35355# 20/40 sand in 438 bbls Lightning 17 frac fluid. Treated @ avg press of 2050 psi w/avg rate of 25 BPM. ISIP 2100 psi. Calc flush: 6308 gal. Actual flush: 5796 gal.
12-21-06	5986-6041'	<b>Frac CP.5, &amp; CP1 sands as follows:</b> 50814# 20/40 sand in 445 bbls Lightning 17 frac fluid. Treated @ avg press of 1622 psi w/avg rate of 25 BPM. ISIP 1880 psi. Calc flush: 5984 gal. Actual flush: 5460 gal.
12-21-06	5688-5696'	<b>Frac LODC sands as follows:</b> 29828# 20/40 sand in 388 bbls Lightning 17 frac fluid. Treated @ avg press of 2968 psi w/avg rate of 25 BPM. ISIP 2230 psi. Calc flush: 5686 gal. Actual flush: 5166 gal.
12-22-07	5430-5461'	<b>Frac B2 sands as follows:</b> 100526# 20/40 sand in 722 bbls Lightning 17 frac fluid. Treated @ avg press of 1845 w/ avg rate of 25 BPM. ISIP 2040 psi. Calc flush: 5428 gal. Actual flush: 4956 gal
12-22-07	5290-5296'	<b>Frac C sands as follows:</b> 19676# 20/40 sand in 299 bbls Lightning 17 frac fluid. Treated @ avg press of 2429 w/ avg rate of 25 BPM. ISIP 2380 psi. Calc flush: 5288 gal. Actual flush: 4788 gal
12-22-07	5108-5126'	<b>Frac D1 sands as follows:</b> 121487# 20/40 sand in 824 bbls Lightning 17 frac fluid. Treated @ avg press of 2130 w/ avg rate of 25 BPM. ISIP 2380 psi. Calc flush: 5106 gal. Actual flush: 4998 gal.

**PERFORATION RECORD**

12-19-06	6310-6326'	4 JSPF	64 holes
12-21-06	6026-6041'	4 JSPF	60 holes
12-21-06	5986-5994'	4 JSPF	32 holes
12-21-06	5688-5696'	4 JSPF	32 holes
12-21-06	5450-5461'	4 JSPF	44 holes
12-21-06	5430-5442'	4 JSPF	48 holes
12-22-06	5290-5296'	4 JSPF	24 holes
12-22-06	5108-5126'	4 JSPF	72 holes

EOT @ 6397'  
 PBTD @ 6488'  
 SHOE @ 6519'  
 TD @ 6530'

**NEWFIELD**

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**Monument Butte M-35-8-16**

1810' FNL & 1978' FWL  
 SE/NW Section 35-T8S-R16E  
 Duchesne Co, Utah  
 API # 43-013-33255; Lease # UTU-16535

# Monument Butte Fed. 4-35-8-16

Spud Date: 6/18/1982  
 Put on Production: 8/11/1982  
 Put on Injection: 2/05/89  
 GL: 5565' KB: 5577'

Initial Production: 191 BOPD,  
 NM MCFD, 2 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 6 jts.  
 DEPTH LANDED: 236' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: Cement to surface.

**PRODUCTION CASING**

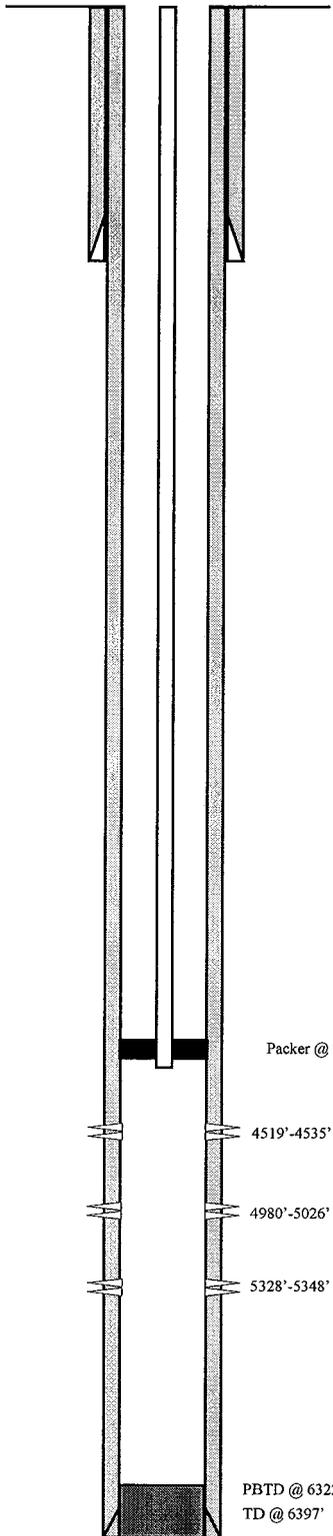
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 17#  
 LENGTH: 141 jts.  
 DEPTH LANDED: 5643' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 265 sxs Lite & 280 sxs 50/50 POZ.  
 CEMENT TOP AT: ? per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 140 jts  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4412' KB  
 PACKER AT: 4413' KB  
 TOTAL STRING LENGTH: EOT @ 4420' KB

**FRAC JOB**

7/27/82	5328'-5348'	<b>Frac zone as follows:</b> 84,500# 20/40 sand in 845 bbls gelled frac fluid. Treated @ avg press of 2100 psi w/avg rate of 30 BPM. ISIP 2000 psi. Calc flush: 5328 gal. Actual flush: 5328 gal.
8/01/82	4992'-5026'	<b>Frac zone as follows:</b> 104,000# 20/40 sand in 1142 bbls gelled frac fluid. Treated @ avg press of 2000 psi w/avg rate of 30 BPM. ISIP 2500 psi. Calc flush: 4992 gal. Actual flush: 4992 gal.
2/14/85	4519'-4535'	<b>Frac zone as follows:</b> 46,800# 20/40 sand in 488 bbls gelled frac fluid. Treated @ avg press of 2800 psi w/avg rate of 30 BPM. ISIP 2830 psi. Calc flush: 4519 gal. Actual flush: 3450 gal.
2/2/89		Convert to injector.
6/18/08		5 Year MIT completed and submitted.



**PERFORATION RECORD**

Date	Interval	JSPF	Holes
7/25/82	5328'-5348'	1	20
7/31/82	5005'-5026'	1	21
7/31/82	4992'-5005'	1	14
2/14/85	4519'-4535'	4	64
2/02/89	4992'-5026'	3	102
2/02/89	4980'-4992'	4	48

**NEWFIELD**

Monument Butte Fed. 4-35  
 1836' FSL & 1883' FWL  
 NESW Section 35-T8S-R17E  
 Duchesne Co, Utah  
 API #43-013-30605; Lease #U-16535

# Monument Butte Fed. #10-35-8-16

Spud Date: 8/29/1983  
 Put on Production: 10/4/1983  
 GL: 5534' KB: 5545'

Initial Production: 161 BOPD,  
 NM MCFD, NM BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 298'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sxs Class "G" cmt. to surface.

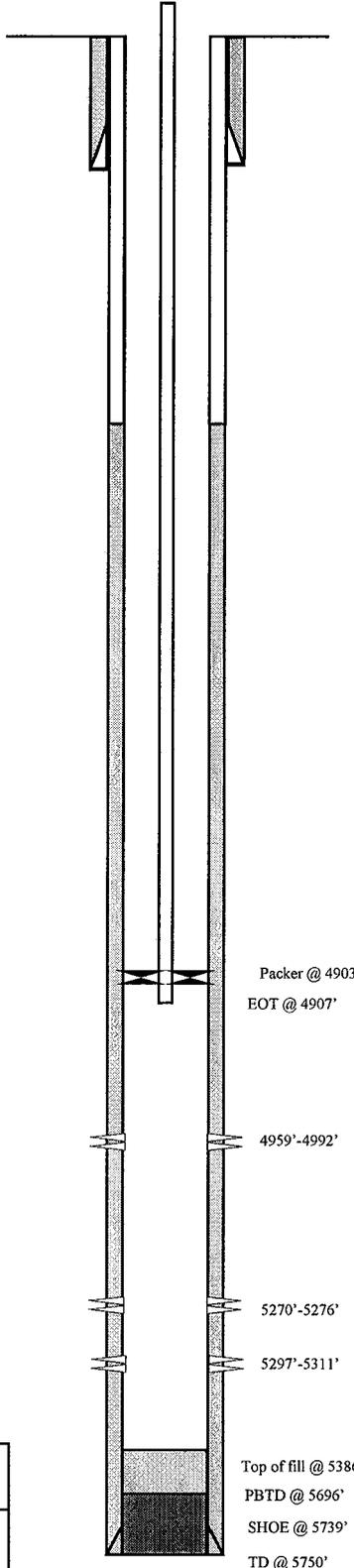
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 DEPTH LANDED: 5739'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 150 sxs HiFill & 350 sxs Thixotropic.  
 CEMENT TOP AT: 1488' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 151 jts (4887.33')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4898.33' KB  
 TOTAL STRING LENGTH: EOT @ 4906.78'

Injection Wellbore  
 Diagram



### FRAC JOB

9/28/83	4959'-4992'	<b>Frac D-1 zone as follows:</b> 164,000# 20/40 sand in 1166 bbls fluid. Treated @ avg press of 2100 psi w/avg rate of 31 BPM. ISIP 2400 psi.
2/06/91	5270'-5311'	<b>Frac B-2 zone as follows:</b> 51,221# 20/40 sand in 1023 bbls fluid. Treated @ avg press of 3800 psi w/avg rate of 17 BPM. ISIP 1800 psi.
1/16/02		Pump change. Update rod and tubing details.
6/30/03		Pump change. Update rod and tubing details.
1/6/04		Zone Clean Up. Update rod and tubing detail.
2/13/04		Pump Change. Update tubing details.
6/16/08		<b>Well converted to an injection well.</b>
6/27/08		<b>MIT completed and submitted.</b>

### PERFORATION RECORD

9/28/83	4959'-4992'	4 JSPF	132 holes
2/06/91	5270'-5276'	4 JSPF	24 holes
2/06/91	5297'-5311'	4 JSPF	56 holes

**NEWFIELD**

**Monument Butte Fed. #10-35-8-16**

1825' FSL & 2137' FEL  
 NW/SE Section 35-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30801; Lease #UTU-16535

Attch. E-7

# Monument Butte Fed. #13-35

Spud Date: 3/28/84  
Put on Production: 5/08/84  
Put on Injection: 1/13/89  
GL: 5586' KB: 5602'

Initial Production: 64 BOPD,  
119 MCFG, NM BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts 271' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 210 sxs Class "G" cmt, cmt to surface.

### PRODUCTION CASING

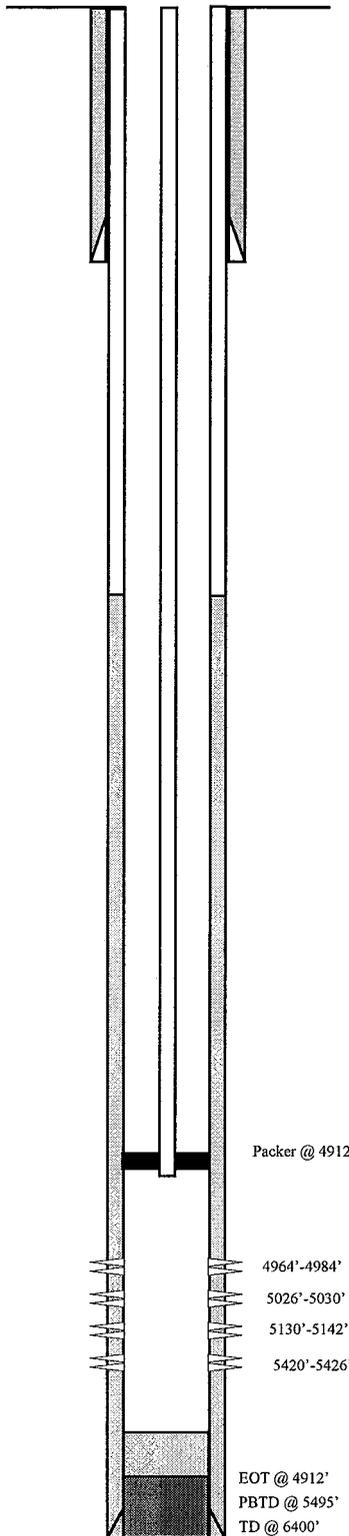
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 17#  
LENGTH: 133 jts 5539.92'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Gypseal & 150 sxs Lodense.  
CEMENT TOP AT: 2650' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 151 jts (4888')  
2 7/8" x 2 3/8" CROSS-OVER  
ARROWSET PACKER: 4905' KB  
TOTAL STRING LENGTH: EOT @ 4912' KB

### FRAC JOB

5/14/84 4966'-4982' **Frac D1 sandas follows:**  
80,900# 20/40 sand in 620 bbls. of gelled water. Avg. treating pressure 1800 psi @ 30 BPM. ISIP- 1690 psi. Flush to top perf.



### PERFORATION RECORD

Date	Interval	SPF	Holes
4/14/84	4966'-4970'	2 SPF	08 holes
4/14/84	4974'-4982'	2 SPF	16 holes
1/31/98	4964'-4984'	2 SPF	40 holes



**Monument Butte Fed. #13-35**  
592' FWL & 640' FSL  
SW SW Section 35-T8S-R16E  
Duchesne Co, Utah  
API #43-013-30745; Lease #ML-16535

# Monument Butte Q-35-8-16

Spud Date: 5-18-08  
 Put on Production: 6-23-08  
 GL: 5591' KB: 5603'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7jts  
 DEPTH LANDED: 312.15'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: To surface with 160 sx Class 'g' cmt

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147jts  
 DEPTH LANDED: 6515'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sx Premlite II and 450 sx 50/50 Poz  
 CEMENT TOP AT: 190'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 188 jts  
 TUBING ANCHOR: 5920.84' kb  
 NO. OF JOINTS: 1jt (31.30')  
 SEATING NIPPLE: 1.10'  
 SN LANDED AT: 5594.94'  
 NO. OF JOINTS: 2jts (62.92')  
 TOTAL STRING LENGTH: EOT @ 6019.41'

**SUCKER RODS**

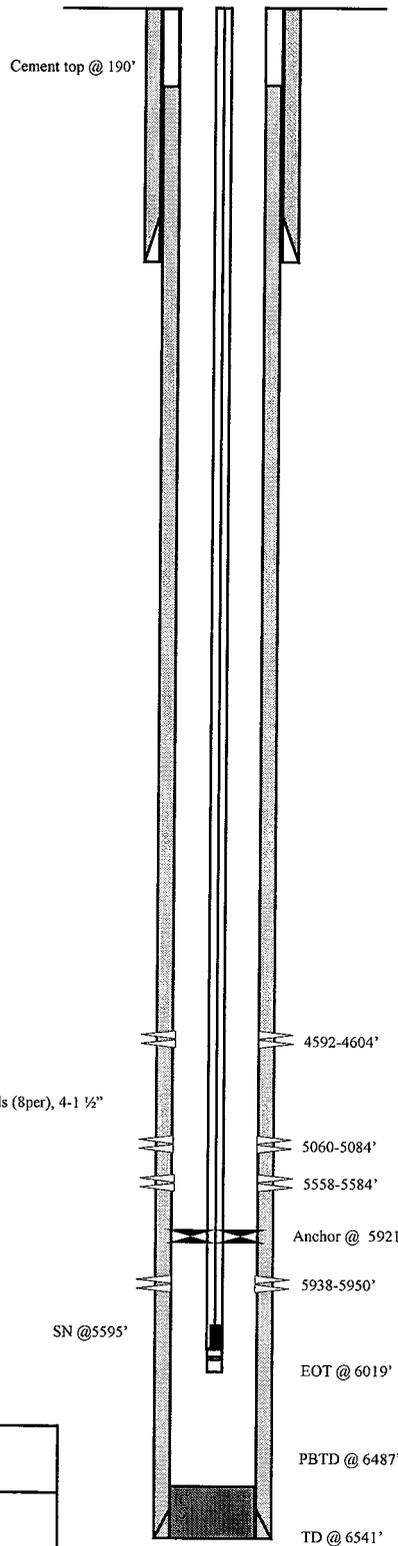
POLISHED ROD: 1-1/2" x 26'  
 SUCKER RODS: 1-2', 6'x7/8" pony rods, 233-7/8" guided rods (8per), 4-1 1/2" weight bars.  
 PUMP SIZE: 1-1/2" x 2 1/2"x 16 x 20' RHAC rod pump  
 STROKE LENGTH:  
 PUMP SPEED, SPM: 5

**FRAC JOB**

6-17-08 5938-5950' **Frac CP.5 sds as follows:**  
 19,945# 20/40 sand in 339 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2264 psi @ ave rate of 23.3 BPM. ISIP 1981 psi. Actual flush: 5418 gals.  
 6-17-08 5558-5584' **Frac A1 sds as follows:**  
 160,780# 20/40 sand in 1113 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1421 psi @ ave rate of 26.2 BPM. ISIP 2010 psi. Actual flush: 5040 gals.  
 6-17-08 5060-5084' **Frac D1 sds as follows:**  
 40,231# 20/40 sand in 412 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1962 psi @ ave rate of 23.3 BPM. ISIP 2408 psi. Actual flush: 4540 gals.  
 6-17-08 4592-4604' **Frac GB6 sds as follows:**  
 46,614# 20/40 sand in 434 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2016 psi @ ave rate of 23.2 BPM. ISIP 2278 psi. Actual flush: 4498 gals.

**PERFORATION RECORD**

4592-4604'	4 JSPF	48 holes
5060-5084'	4 JSPF	96 holes
5558-5584'	4 JSPF	104 holes
5938-5950'	4 JSPF	48 holes



<p><b>Monument Butte Q-35-8-16</b>                  1821' FSL &amp; 764' FWL                  NE/SW Section 35-T8S-R16E                  Duchesne Co, Utah                  API # 43-013-33752; Lease # UTU-16535</p>

AHAM. E-9

# Monument Butte Fed. #14-35-8-16

Spud Date: 10/26/83  
 Put on Production: 3/27/84  
 GL: 5524' KB: 5537'

Initial Production: 43 BOPD,  
 70 MCFD, 0 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 292'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sxs Class "G" cmt.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 17#  
 DEPTH LANDED: 5771'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 250 sxs Lodense & 275 sxs Thixotropic.  
 CEMENT TOP AT: 1510' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 163 jts (5360.83')  
 TUBING ANCHOR: 5373.83'  
 NO. OF JOINTS: 2 jts (61.56')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5438.63' KB  
 NO. OF JOINTS: 1 jts (30.97')  
 TOTAL STRING LENGTH: EOT @ 5471.15' w/ 13' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished rod  
 SUCKER RODS: 2-3/4x2'-1-3/4x8' pony rods, 101-3/4" scraped rods, 91-3/4" plain rods, 20-3/4" scraped rods, 4-1 1/2" weight rods  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15 1/2' RHAC pump  
 STROKE LENGTH: 72"  
 PUMP SPEED, SPM: 4 SPM  
 LOGS: DIGL/SP/GR/CAL

**FRAC JOB**

11/10/83 5408'-5429' **Frac A1 sand as follows:**  
 146,440# 20/40 sand in 980 bbls frac fluid. Treated @ avg press of 2500 psi w/avg rate of 41.5 BPM. ISIP 1820 psi. Calc. flush: 5408 gal., Actual flush: 5400 gal. 3/24/84

4914'-4940' **Frac D1 sand as follows:**  
 83,500# 20/40 sand in 619 bbls frac fluid. Treated @ avg press of 2100 psi w/avg rate of 30 BPM. ISIP 1900 psi. Calc. flush: 4914 gal., Actual flush: 4800 gal. 8/28/90

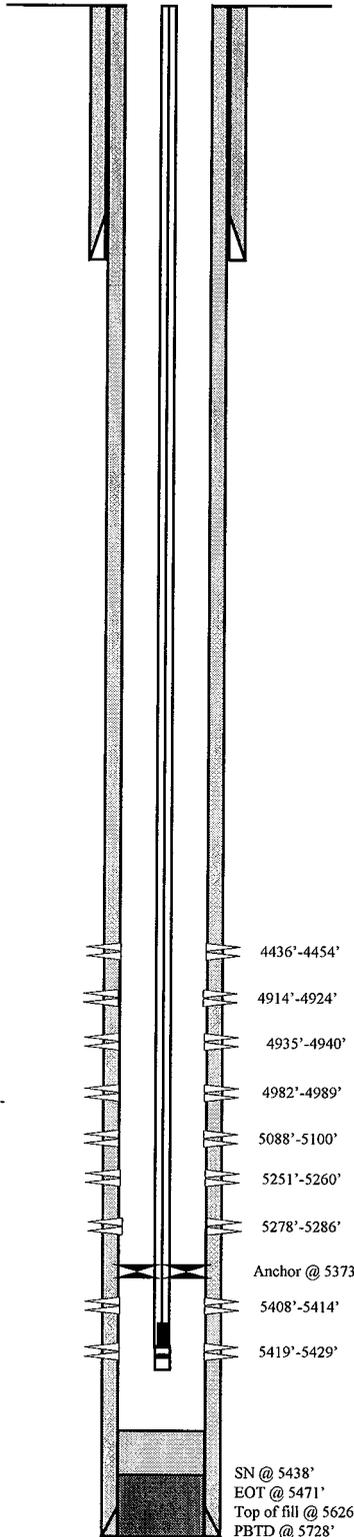
5251'-5286' **Frac B2 sand as follows:**  
 13,000# 20/40 sand + 17,000# 16/30 sand in 642 bbls frac fluid. Treated @ avg press of 3350 psi, ISIP 1710 psi. Calc. flush: 1336 gal., Actual flush: 1335 gal. 8/30/90

5088'-5100' **Frac C-sd as follows:**  
 34,000# 20/40 sand in 680 bbls frac fluid. Treated @ avg press of 3450 psi, ISIP 2220 psi. Calc. flush: 1284 gal., Actual flush: 1281 gal.

8/31/90 4914'-4989' **Frac D1 & D2 as follows:**  
 24,000# 20/40 sand + 45,000# 16/30 sand in 497 bbls frac fluid. Treated @ avg press of 3400 psi, ISIP 2000 psi. Calc. flush: 1235 gal., Actual flush: 1386 gal. 5/24/01

4436'-4454' **Frac GB-6 sand as follows:**  
 101,440# 20/40 sand in 426 bbls Viking 1-25 fluid. Treated @ avg press of 2560 psi w/avg rate of 32 BPM. ISIP 2530 psi. Calc. flush: 4436 gal., Actual flush: 4326 gal.

05/29/08 pump change. Updated tubing and rod detail



**PERFORATION RECORD**

Date	Depth Range	SPF	Holes
11/09/83	5419'-5429'	1 SPF	10 holes
11/09/83	5408'-5414'	1 SPF	06 holes
3/21/84	4935'-4940'	1 SPF	11 holes
3/21/84	4914'-4924'	1 SPF	06 holes
8/25/90	5278'-5286'	4 SPF	32 holes
8/25/90	5251'-5260'	4 SPF	36 holes
8/25/90	5088'-5100'	4 SPF	48 holes
8/25/90	4982'-4989'	4 SPF	28 holes
8/25/90	4935'-4940'	4 SPF	20 holes
8/25/90	4914'-4924'	4 SPF	40 holes
5/25/01	4436'-4454'	4 SPF	72 holes



**Monument Butte Fed. #14-35-8-16**  
 511' FSL & 2134' FWL  
 SESW Section 35-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30812; Lease #U-16535

# Monument Butte 4-2-9-16

Spud Date: 8/29/02  
 Put on Production: 1/16/03  
 GL:5576' KB:5586'

Initial Production: 44 BOPD,  
 103 MCFD, 14 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.6')  
 DEPTH LANDED: 311.6' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 145 sxs Class "G" mixed cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6217.59')  
 DEPTH LANDED: 6217.59' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 550 sxs 50/50 POZ mixed.  
 CEMENT TOP AT: 580'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 171 jts (5371.06')  
 TUBING ANCHOR: 5383.06' KB  
 NO. OF JOINTS: 2 jts (62.88')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5448.69' KB  
 NO. OF JOINTS: 2 jts (62.78')  
 TOTAL STRING LENGTH: EOT @ 5513.02' w/12'KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished rod  
 SUCKER RODS: 1-2', 1-8' X3/4" pony rods, 100-3/4" scraped rods, 81-3/4" plain rods, 30-3/4" scraped rods, 6-1 1/2" weight rods  
 PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15' RHAC pump w/sm plunger  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 5 SPM

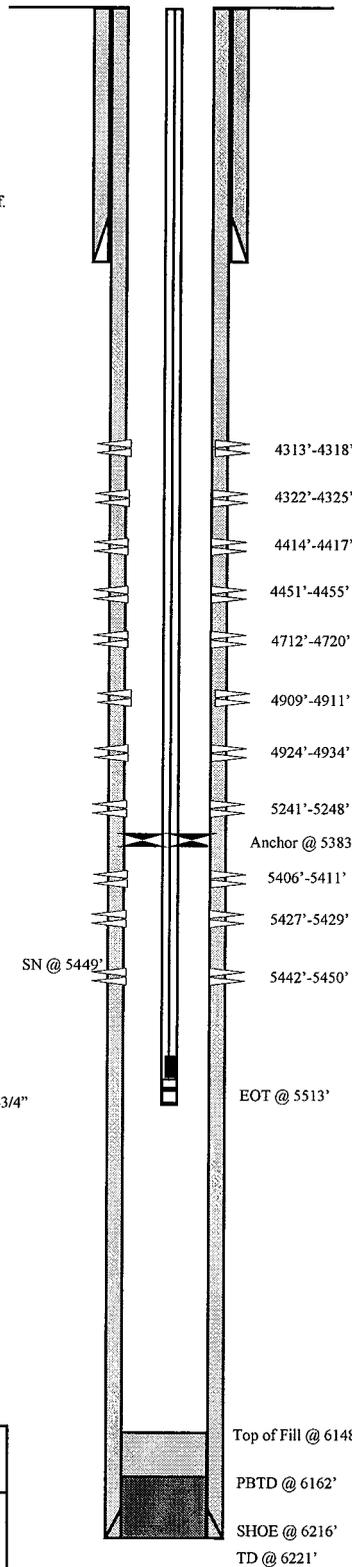
**FRAC JOB**

1/10/03 5241'-5450' **Frac B2, A3 sands as follows:**  
 79,500# 20/40 sand in 600 bbls Viking I-25 fluid. Treated @ avg press of 1875 psi w/avg rate of 24.6 BPM. ISIP 1840 psi. Calc flush: 5241 gal. Actual flush: 5030 gal.

1/10/03 4909'-4934' **Frac D1 sand as follows:**  
 41,000# 20/40 sand in 429 bbls Viking I-25 fluid. Treated @ avg press of 1829 psi w/avg rate of 24.3 BPM. ISIP 2130 psi. Calc flush: 4909 gal. Actual flush: 4698 gal.

1/10/03 4313'-4720' **Frac GB 2,4,6/ PB11 sands as follows:**  
 100,680# 20/40 sand in 670 bbls Viking I-25 fluid. Treated @ avg press of 2043 psi w/avg rate of 24.3 BPM. ISIP 2230 psi. Calc flush: 4313 gal. Actual flush: 4311 gal.

06/13/03 **Pump Change**  
 03/13/06 **Pump Change. Update rod and tubing details.**  
 7/1/08 **pump change. Updated rod and tubing detail.**



**PERFORATION RECORD**

Date	Depth Range	Number of JSPF	Number of Holes
1/9/03	5442'-5450'	4 JSPF	32 holes
1/9/03	5427'-5429'	4 JSPF	8 holes
1/9/03	5406'-5411'	4 JSPF	20 holes
1/9/03	5241'-5248'	4 JSPF	28 holes
1/10/03	4924'-4934'	4 JSPF	40 holes
1/10/03	4909'-4911'	4 JSPF	8 holes
1/10/03	4712'-4720'	4 JSPF	32 holes
1/10/03	4451'-4455'	4 JSPF	16 holes
1/10/03	4414'-4417'	4 JSPF	12 holes
1/10/03	4322'-4325'	4 JSPF	12 holes
1/10/03	4313'-4318'	4 JSPF	20 holes

**NEWFIELD**

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**Monument Butte 4-2-9-16**  
 587' FNL & 640' FWL  
 NWNW Section 2-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32315; Lease #ML-21839

Alt. E-11

# Monument Butte Fed. #8-34-8-16

Spud Date: 2/28/1984  
 Put on Production: 3/1984  
 Put on Injection: 3/25/1994  
 Convert to Producer: 4/18/01  
 GL: 5617' KB: 5627'

Initial Production: 35 BOPD,  
 139 MCFD, 0 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8" / J-55 / 24#  
 LENGTH: 6 jts. (279')  
 DEPTH LANDED: 302'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sxs Class "G" cmt.

**PRODUCTION CASING**

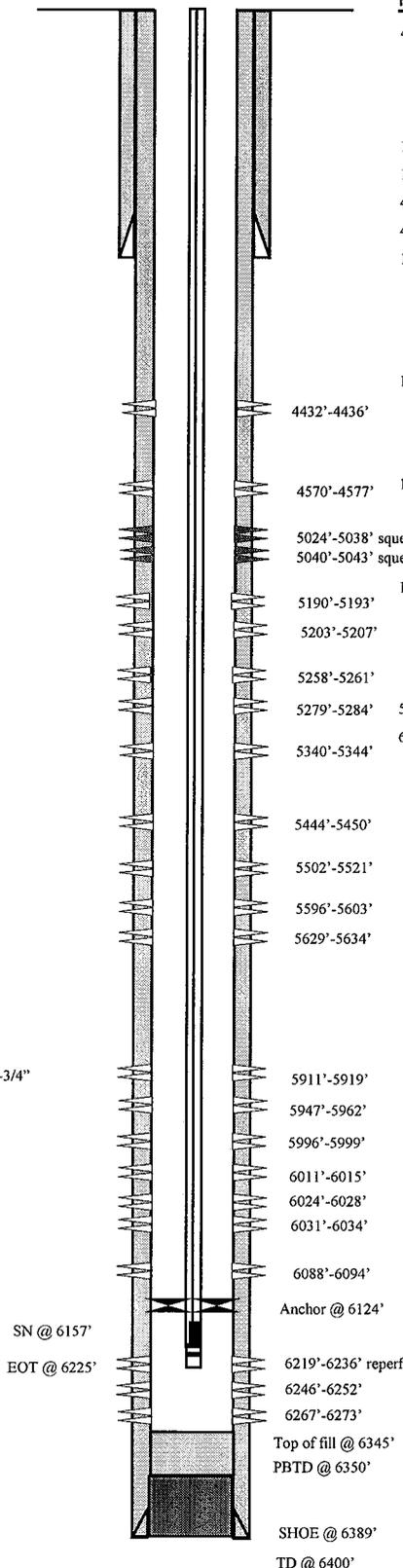
CSG SIZE: 5-1/2" / J-55 / 17#  
 LENGTH: 161 jts. (6388')  
 DEPTH LANDED: 6369'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 150 sxs HiFill & 325 sxs Gypseal.  
 CEMENT TOP AT: 3284' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 188 jts (6109.56')  
 TUBING ANCHOR: 6123.56'  
 NO. OF JOINTS: 1 jt (30.90')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 6157.11' KB  
 NO. OF JOINTS: 2 jts (66.39')  
 TOTAL STRING LENGTH: EOT @ 6225.05'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 6-1 1/2" weight bars; 25-3/4" scraped rods; 125-3/4" plain rods, 89-7/8" scraped rods  
 PUMP SIZE: 2-1/2" x 1-1/2" x 16" x 17" RHAC  
 STROKE LENGTH: 84"  
 PUMP SPEED, SPM: 6 SPM  
 LOGS: DIGL/SP/GR/CAL



**FRAC JOB**

4/05/84 5024'-5043' **Frac D1 sand as follows:**  
 89,500# 20/40 sand in 655 bbls frac fluid.  
 Treated @ avg press of 2100 psi w/avg rate of 31 BPM. ISIP 2160 psi. Flushed to perfs.  
 10/09/90 Reperf D1 zone.  
 10/13/90 Acidize D1 w/ 100 gal 15% HCl + 60% N2.  
 4/19/94 Put on Injection.  
 4/18/01 Convert to producer.  
 12/18/02 5911'-6273' **Frac BS and CP sands as follows:**  
 197,938# 20/40 sand in 1005 bbls Viking I-25 fluid. Treated @ avg. pressure of 3330 psi w/avg. rate of 15.2 BPM. ISIP - 2200 psi. Calc. flush: 1562 gals. Actual flush: 1437 gals.  
 12/20/02 5444'-5634' **Frac A and LODC sands as follows:**  
 93,076# 20/40 sand in 512 bbls Viking I-25 fluid. Treated @ avg. pressure of 3950 psi w/avg. rate of 15.0 ISIP - 3700 psi. Calc. flush: 1451 gals. Actual flush: 42 gals.  
 4570'-4577' 12/21/02 5190'-5344' **Frac B and C sands as follows:**  
 60,044# 20/40 sand in 305 bbls Viking I-25 fluid. Treated @ avg. pressure of 3830 psi w/ avg. rate of 15.0 BPM. ISIP - 2750 psi. Calc. flush: 1365 gals. Actual flush: 1283 gals.  
 5024'-5038' squeezed  
 5040'-5043' squeezed  
 12/22/02 4432'-4577' **Frac GB sands as follows:**  
 26,820# 20/40 sand in 121 bbls Viking I-25 fluid. Treated @ avg. pressure of 2550 psi w/avg. rate of 24.5 BPM. ISIP - 3300 psi. Calc. flush: 4432 gals. Actual flush: 3570 gals.  
 5190'-5193'  
 5203'-5207'  
 5258'-5261'  
 5279'-5284' 5/18/04 Stuck Pump. Update rod detail.  
 5340'-5344' 6/24/04 Stuck Pump. Update rod detail.

**PERFORATION RECORD**

Date	Depth Range	Tool	Holes
3/31/84	6219'-6236'	1 JSFP	17 holes
4/04/84	5040'-5043'	1 JSFP	04 holes
4/04/84	5024'-5038'	1 JSFP	14 holes
10/09/90	5040'-5043'	3 JSFP	12 holes
10/09/90	5024'-5038'	3 JSFP	42 holes
12/18/02	6267'-6273'	4 JSFP	24 holes
12/18/02	6246'-6252'	4 JSFP	24 holes
12/18/02	6219'-6236'	5 JSFP	85 holes reperfr
12/18/02	6088'-6094'	4 JSFP	24 holes
12/18/02	6031'-6034'	4 JSFP	28 holes
12/18/02	6024'-6028'	4 JSFP	28 holes
12/18/02	6011'-6015'	4 JSFP	16 holes
12/18/02	5996'-5999'	4 JSFP	12 holes
12/18/02	5947'-5962'	4 JSFP	92 holes
12/18/02	5911'-5919'	4 JSFP	92 holes
12/18/02	5629'-5634'	4 JSFP	20 holes
12/18/02	5596'-5603'	4 JSFP	28 holes
12/18/02	5502'-5521'	4 JSFP	76 holes
12/18/02	5444'-5450'	4 JSFP	24 holes
12/18/02	5340'-5344'	4 JSFP	16 holes
12/18/02	5279'-5284'	4 JSFP	32 holes
12/18/02	5258'-5261'	4 JSFP	32 holes
12/18/02	5203'-5207'	4 JSFP	16 holes
12/18/02	5190'-5193'	4 JSFP	12 holes
12/18/02	4570'-4577'	4 JSFP	28 holes
12/18/02	4432'-4436'	4 JSFP	16 holes



**Monument Butte Fed. #8-34-8-16**  
 2059' FNL & 701' FEL  
 SENE Section 34-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30843; Lease #U-16535

A Ham. E-12

# Monument Butte Fed. #9-34-8-16

Spud Date: 12/02/93  
 Put on Production: 1/08/94  
 Put on Injection: 1/11/01  
 GL: 5134' KB: 5124'

Initial Production: 174 BOPD,  
 60 MCFD, 11 BWPD

Injection  
 Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8" / J-55 / 24#  
 LENGTH: 307'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 316 sxs Class "G" cmt.

**PRODUCTION CASING**

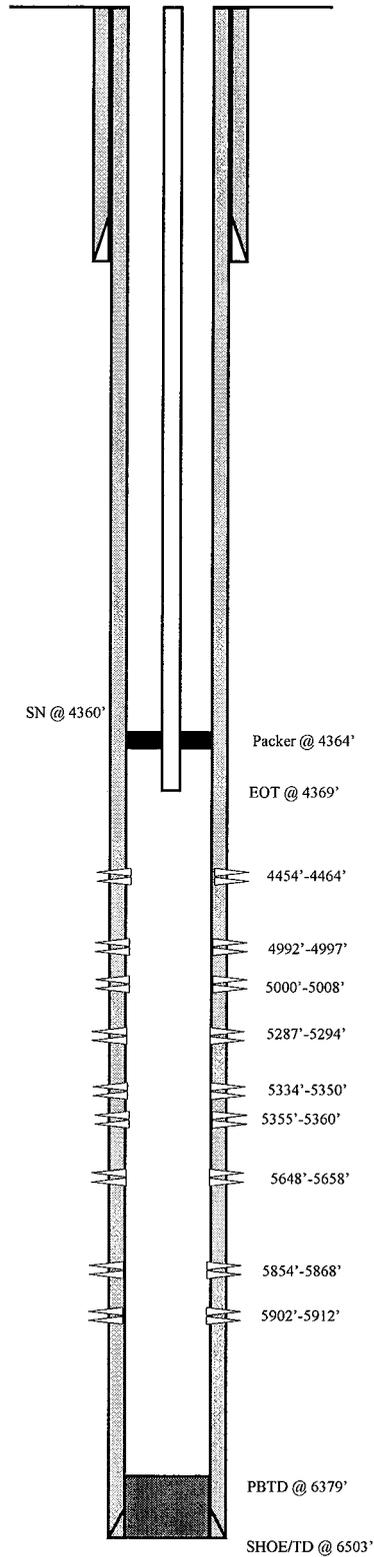
CSG SIZE: 5-1/2" / J-55 / 17#  
 LENGTH: 6502.70'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 102 sxs Hilit & 407 sxs 50/50 POZ.  
 CEMENT TOP AT: 3378' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 134 jts (4350.27')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4360.27' KB  
 TUBING PACKER: 4364.37'  
 TOTAL STRING LENGTH: EOT @ 4368.58'

**FRAC JOB**

12/22/93	5854'-5912'	<b>Frac zone as follows:</b> 31,000# 20/40 sand + 80,000# 16/30 sand in 1206 bbls frac fluid. Treated @ avg press of 2500 psi w/avg rate of 40 BPM. ISIP 2190 psi. Calc. flush: 5854 gal, Actual flush: 5670 gal.
12/29/93	5334'-5360'	<b>Frac zone as follows:</b> 43,000# 20/40 sand + 58,000# 16/30 sand in 1266 bbls frac fluid. Treated @ avg press of 2800 psi w/avg rate of 30 BPM. ISIP 2850 psi. Calc. flush: 5334 gal, Actual flush: 5175 gal.
1/04/94	4992'-5008'	<b>Frac zone as follows:</b> 65,000# 16/30 sand in 860 bbls frac fluid. Treated @ avg press of 2400 psi w/avg rate of 31BPM. ISIP 2345 psi. Calc. flush: 4992 gal, Actual flush: 4875 gal.
8/8/03		Recompletion. Ready for MIT.
7/9/08		5 Year MIT completed and submitted.



**PERFORATION RECORD**

Date	Depth Range	Number of Holes	Completion Type
12/21/93	5902'-5912'	40	JSPF
12/21/93	5854'-5868'	64	JSPF
12/28/93	5355'-5360'	20	JSPF
12/28/93	5334'-5350'	24	JSPF
1/04/94	5000'-5008'	32	JSPF
1/04/94	4992'-4997'	20	JSPF
8/6/03	5648'-5658'	40	JSPF
8/6/03	5287'-5294'	28	JSPF
8/6/03	4454'-4464'	40	JSPF



**Monument Federal. #9-34-8-16**  
 1980' FSL & 660' FEL  
 NESE Section 34-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31407; Lease #U-16535

# Monument Butte Federal #16-34-8-16

Spud Date: 10/5/97  
 Put on Production: 11/15/97  
 GL: 5605.7' KB: 5617.7'

Initial Production: 65 BOPD,  
 85 MCFPD, 46 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (299')  
 DEPTH LANDED: 298'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cement, est 5 bbls to surface

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts. (6006')  
 DEPTH LANDED: 5999'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 420 sk Hibond mixed & 390 sxs Thixotropic  
 CEMENT TOP AT:

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 174 jts. (5434.49')  
 TUBING ANCHOR: 5446.49'  
 NO. OF JOINTS: 3 jts. (5449.29')  
 SEATING NIPPLE: 2-7/8"  
 SN LANDED AT: 5543.39'  
 NO. OF JOINTS: 2 jts. (5448.49')  
 TOTAL STRING LENGTH: 5611.58'

**SUCKER RODS**

POLISHED ROD: 1 1/2" X 22' polish  
 SUCKER RODS: 4-1 1/2" wt rods; 4-3/4" scraped; 120-3/4" plain; 93-3/4" scraped; 1-6' x 3/4" pony rod  
 PUMP SIZE: 2-1/2 x 1-1/2" x 16' RHAC  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 5 SPM

**FRAC JOB**

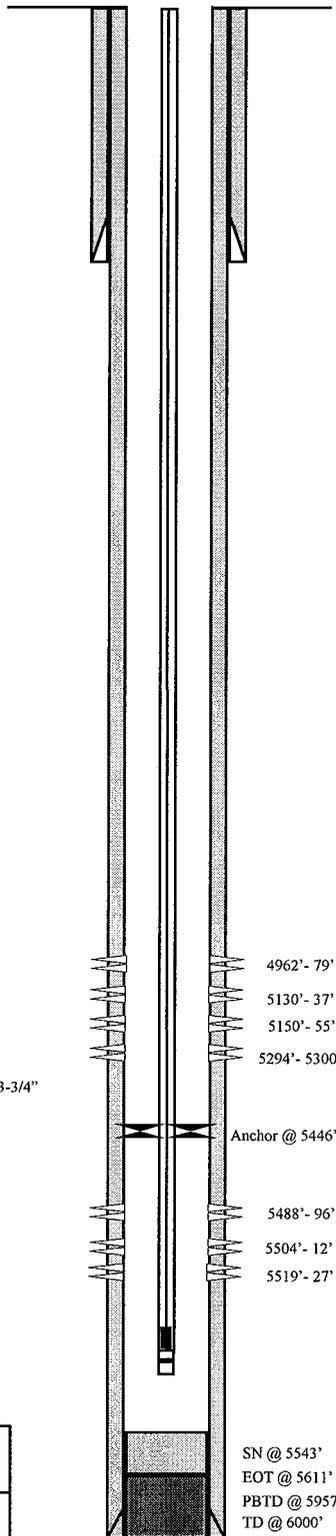
11/5/97 5488'-5527' **Frac A sand as follows:**  
 97,300# 20/40 sand in 509 bbls Boragel.  
 Breakdown @ 3396 psi. Treated @ avg  
 press of 1800 psi w/avg rate of 26.3 BPM.  
 ISIP-2336 psi, 5 min 2104 psi. Flowback  
 on 12/64" ck for 3-1/2 hrs & died.

11/7/97 5294'-5300' **Frac B sand as follows:**  
 88,400# 20/40 sand in 482 bbls Boragel.  
 Breakdown @ 3450 psi. Treated @ avg  
 press of 2550 psi w/avg rate of 24 BPM.  
 ISIP-2383, 5 min 2315. Flowback on  
 12/64" ck for 3-1/2 hrs & died.

11/9/97 5130'-5155' **Frac C sand as follows:**  
 97,300# 20/40 sand in 498 bbls Boragel.  
 Breakdown @ 2719 psi. Treated @ avg  
 press of 2200 psi w/avg rate of 24.3 BPM.  
 ISIP-2586 psi, 5 min 2536 psi. Flowback  
 on 12/64" ck for 3-1/2 hrs & died.

11/12/97 4962'-4979' **Frac D sand as follows:**  
 88,300# 20/40 sand in 474 bbls Boragel.  
 Breakdown @ 2844 psi. Treated @ avg  
 press of 2000 psi w/avg rate of 24 BPM.  
 ISIP-2534 psi, 5 min 2460 psi. Flowback  
 on 12/64" ck for 4 hrs & died.

8/23/01 Rod job. Updated rod and tubing details.  
 02/27/06 Pump Change. Update rod and tubing  
 details.



**PERFORATION RECORD**

Date	Depth Range	Tool	Holes
11/5/97	5488' - 5496'	4 JSFP	32 holes
11/5/97	5504' - 5512'	4 JSFP	32 holes
11/5/97	5519' - 5527'	4 JSFP	32 holes
11/6/97	5294' - 5300'	4 JSFP	24 holes
11/8/97	5130' - 5137'	4 JSFP	28 holes
11/8/97	5150' - 5155	4 JSFP	20 holes
11/11/97	4962' - 4979'	4 JSFP	68 holes

**NEWFIELD**

**Federal #16-34-8-16**  
 660 FSL & 660 FEL  
 SESE Section 34-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31913; Lease #U-16535

# Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory  
349 PR 4473  
Sonora, TX 76950

Attachment A  
1 of 4



## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**  
Well Name: **MON BUTTE 12-35-8-16**  
Sample Point: **Treater**  
Sample Date: **7 /18/2008**  
Sales Rep: **Randy Huber**  
Lab Tech: **Richard Perez**

Sample ID: **WA-12681**

Sample Specifics	
Test Date:	7/24/2008
Temperature (°F):	170
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0080
pH:	7.8
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	10843
Molar Conductivity (µS/cm):	16429
Resistivity (Mohm):	0.6087

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	80.00	Chloride (Cl):	6010.00
Magnesium (Mg):	1025.00	Sulfate (SO₄):	7.00
Barium (Ba):	21.70	Dissolved CO₂:	0.01
Strontium (Sr):	-	Bicarbonate (HCO₃):	1342.00
Sodium (Na):	2349.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	7.00
Iron (Fe):	1.40	Phosphate (PO₄):	-
Manganese (Mn):	0.01	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
Temp °F	Gauge Press. psi	Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂ psi
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	
170	0	8.45	11.47	0.00	-1945.40	0.00	-1665.30	-	-	0.38	-7.70	0.49
80	0	4.80	9.38	0.00	9.93	0.00	-2908.10	-	-	2.95	5.86	0.24
100	0	6.08	11.08	0.00	11.18	0.00	-2727.10	-	-	1.79	3.43	0.30
120	0	7.10	11.92	0.00	11.72	0.00	-2461.70	-	-	1.12	0.72	0.33
140	0	7.87	12.14	0.00	11.76	0.00	-2150.10	-	-	0.72	-2.34	0.37
160	0	8.34	11.81	0.00	11.35	0.00	-1825.00	-	-	0.47	-5.79	0.42
180	0	8.48	11.04	0.00	10.59	0.00	-1510.80	-	-	0.32	-9.72	0.46
200	0	8.37	10.03	0.00	9.64	0.00	-1223.20	-	-	0.22	-14.20	0.46
220	2.51	8.00	9.05	0.00	8.75	0.00	-982.48	-	-	0.15	-19.65	0.47
240	10.3	7.56	7.98	0.00	7.77	0.00	-765.47	-	-	0.10	-25.57	0.47
260	20.76	7.07	7.02	0.00	6.90	0.00	-584.68	-	-	0.08	-32.30	0.48
280	34.54	6.59	6.20	0.00	6.17	0.00	-437.40	-	-	0.06	-39.90	0.49
300	52.34	6.16	5.55	0.00	5.59	0.00	-319.92	-	-	0.04	-48.45	0.49

**Conclusions:**

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F  
Gypsum Scaling Index is negative from 80°F to 300°F  
Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
Strontium Sulfate scaling was not evaluated  
Barium Sulfate NO CONCLUSION

**Notes:**

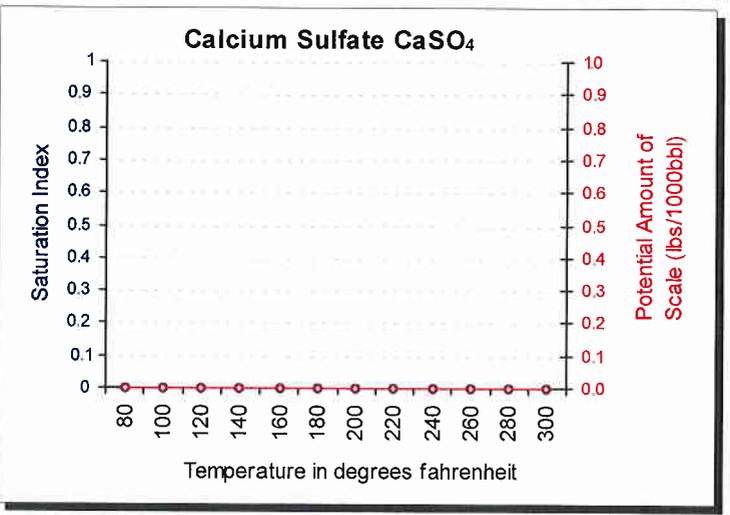
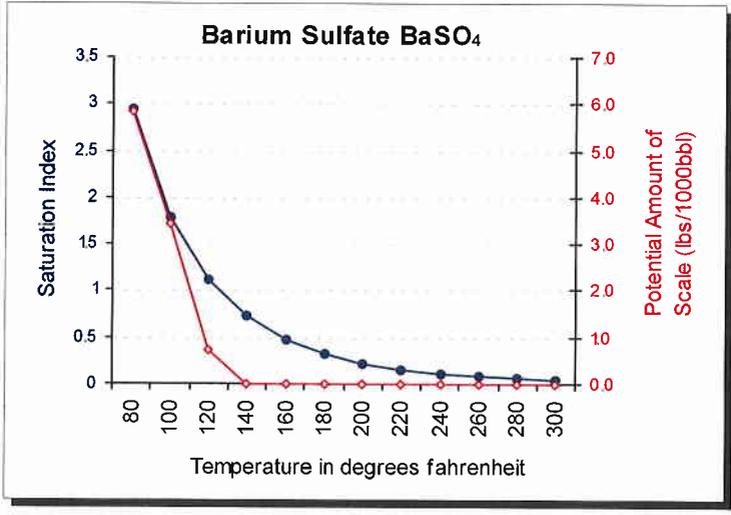
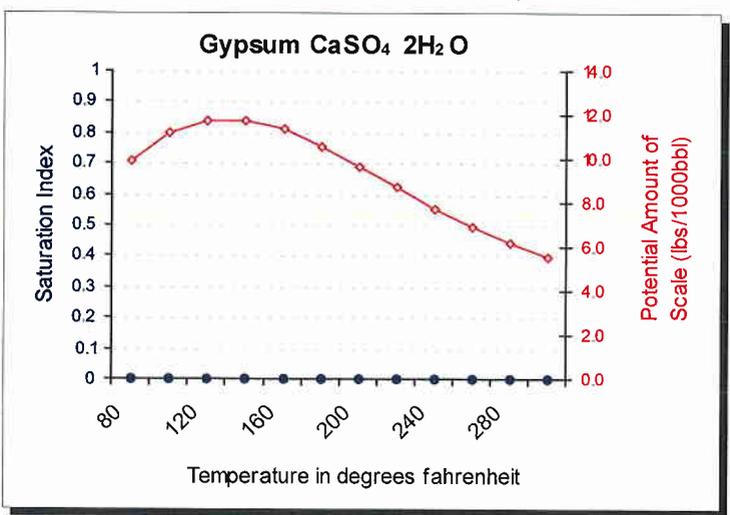
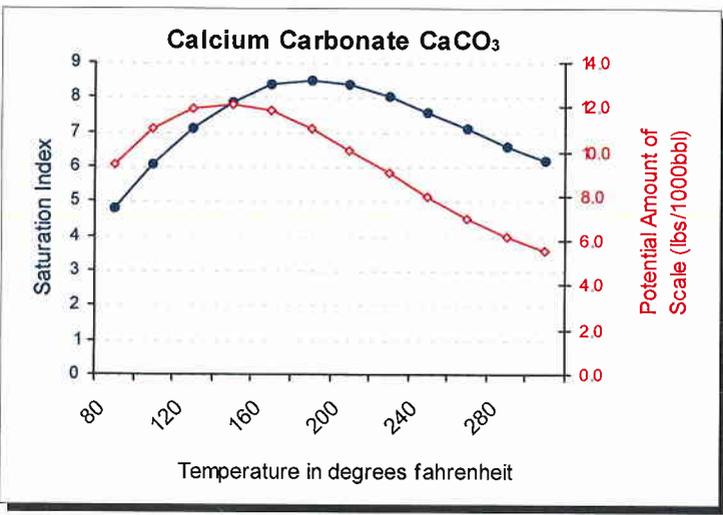
Attachment 2  
2 of 4



**Scale Prediction Graphs**

Well Name: **MON BUTTE 12-35-8-16**

Sample ID: **WA-12681**



West Coast Region  
5125 Boylan Street  
Bakersfield, CA 83308  
(661) 325-4138  
Lab Team Leader - Sheila Hernandez  
(432) 495-7240

## Water Analysis Report by Baker Petrolite

Company:	NEWFIELD EXPLORATION	Sales RDT:	31706
Region:	WESTERN REGION	Account Manager:	RANDY HUBER (435) 823-0023
Area:	MYTON, UT	Sample #:	409372
Lease/Platform:	MONUMENT BUTTE FEDERAL	Analysis ID #:	78567
Entity (or well #):	INJECTION SYSTEM	Analysis Cost:	\$80.00
Formation:	UNKNOWN		
Sample Point:	TRIPLEX SUCTION		

Summary		Analysis of Sample 409372 @ 75 °F					
Sampling Date:	01/21/08	<b>Anions</b>	mg/l	meq/l	<b>Cations</b>	mg/l	meq/l
Analysis Date:	01/25/08	<b>Chloride:</b>	1529.0	43.13	<b>Sodium:</b>	1199.3	52.17
Analyst:	STACEY SMITH	<b>Bicarbonate:</b>	577.0	9.46	<b>Magnesium:</b>	18.0	1.48
TDS (mg/l or g/m3):	3497	<b>Carbonate:</b>	34.0	1.13	<b>Calcium:</b>	34.0	1.7
Density (g/cm3, tonne/m3):	1.002	<b>Sulfate:</b>	92.0	1.92	<b>Strontium:</b>	2.0	0.05
Anion/Cation Ratio:	1.0000003	Phosphate:			<b>Barium:</b>	5.0	0.07
Carbon Dioxide:		Borate:			<b>Iron:</b>	0.1	0.
Oxygen:		Silicate:			Potassium:	6.5	0.17
Comments:		Hydrogen Sulfide:			Aluminum:		
		pH at time of sampling:			Chromium:		
		pH at time of analysis:		8.48	Copper:		
		<b>pH used in Calculation:</b>		<b>8.48</b>	Lead:		
					Manganese:	0.050	0.
					Nickel:		

Conditions		Values Calculated at the Given Conditions - Amounts of Scale in lb/1000 bbl										
Temp	Gauge Press.	Calcite CaCO <sub>3</sub>		Gypsum CaSO <sub>4</sub> *2H <sub>2</sub> O		Anhydrite CaSO <sub>4</sub>		Celestite SrSO <sub>4</sub>		Barite BaSO <sub>4</sub>		CO <sub>2</sub> Press
		Index	Amount	Index	Amount	Index	Amount	Index	Amount	Index	Amount	
80	0	1.00	17.46	-2.30	0.00	-2.37	0.00	-1.78	0.00	1.71	2.79	0.03
100	0	1.02	18.86	-2.31	0.00	-2.31	0.00	-1.76	0.00	1.57	2.79	0.05
120	0	1.05	20.26	-2.30	0.00	-2.23	0.00	-1.73	0.00	1.46	2.79	0.08
140	0	1.08	21.66	-2.29	0.00	-2.12	0.00	-1.69	0.00	1.37	2.79	0.12

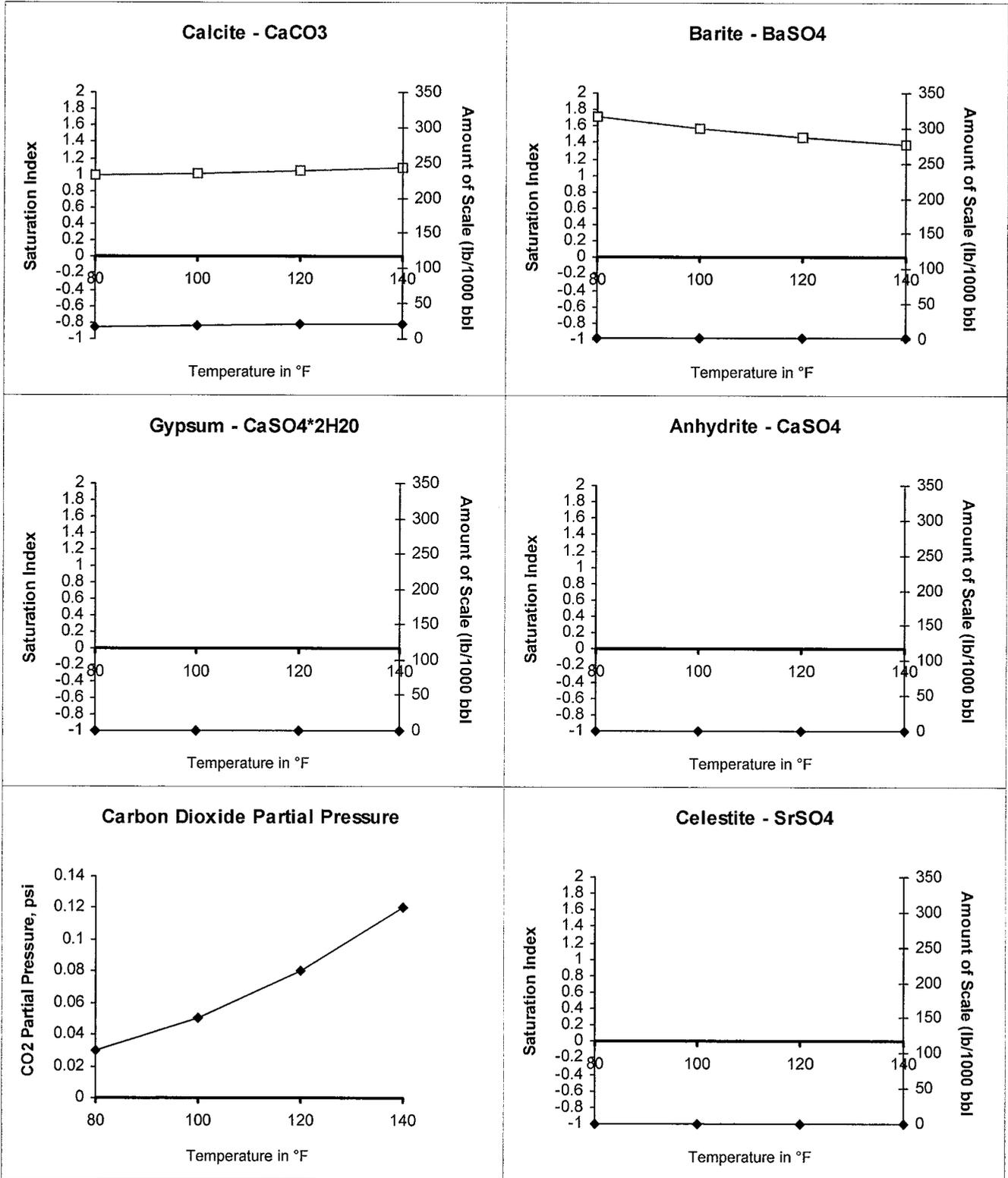
Note 1: When assessing the severity of the scale problem, both the saturation index (SI) and amount of scale must be considered.

Note 2: Precipitation of each scale is considered separately. Total scale will be less than the sum of the amounts of the five scales.

Note 3: The reported CO2 pressure is actually the calculated CO2 fugacity. It is usually nearly the same as the CO2 partial pressure.

### Scale Predictions from Baker Petrolite

Analysis of Sample 409372 @ 75 °F for NEWFIELD EXPLORATION, 01/25/08



**Attachment "G"**

**Monument Butte Federal #12-35-8-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5057	5067	5062	1800	0.79	1767
4519	4552	4536	2340	0.95	2311
				<b>Minimum</b>	<u><u>1767</u></u>

Calculation of Maximum Surface Injection Pressure  
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

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

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

LOMAX EXPLORATION

Federal #12-35  
NW/SW Section 35, T8S, R16E  
Duchesne County, Utah

DAILY COMPLETION REPORT

7/10/83 Present Operation - Prep to NU BOP's. (1 day)  
REMARKS: Move in rig up service unit.  
CUM COST: \$154,206

7/12/83 Present Operation - Prepare to frac. (2 days)  
REMARKS: RU BOP & floor. PU bit & csg scraper. TIH, picking tbg off of rack. Tag PBTD @ 5626'. Displace hole w/ 5% KCL. Press test csg to 3500 psi, ok. TOH. RU O.W.P. Ran GR-CBL from 5626 to 3500. RIH. Perf 5000' to 5022' w/1 SPF. (23 holes) RD O.W.P. Press well to 2400 psi. Formation broke ISIP 900 psi. SDFN. Tbg on location 175 jts.  
CUM COST: \$156,976

7/13/83 Present Operation - shut-in after frac. (3 days)  
REMARKS: RU Newsco. Frac as below:

10,000 gal pad	
2500 gal 1 PPG 20/40 sand	2500
3500 " 2 " "	7000
5500 " 4 " "	22,000
6000 " 6 " "	36,000
7100 " 8 " "	56,800
Flush to perfs.	124,300 # SAND

Shut well in over night.  
CUM COST: \$176,436

858 BBL  
5000 GAL FLUSH

7/14/83 Present Operation - Swabbing. (4 days)  
REMARKS: SIP 0. TIH. Tagged sd @ 5340'. Pulled EOT up to 4895'. SN @ 4863'. RU to swab. IFL @ 200', FFL @ 3600'. Made 34 swab runs. Rec 188 BLW, 20 BNO. Final swab rate 25 BPH. Final oil cut 40%, trace of sd. SDFN.  
CUM COST: \$180,745

7/15/83 Present Operation - Swabbing. (5 days)  
REMARKS: SITP 275 psi. SICP 100 psi. RU to swab. IFL @ 1900'. Made 8 swab runs. Rec 54 bbl fluid, 45% oil. FFL @ 4200'. Sand line parted. TOH to rec swab. TIH. Tagged sd @ 5155'. Pulled up and set EOT @ 4895'. SN 4863'. RU to swab. IFL @ 1300'. Made 17 swab runs. Rec 89 bbl fluid. ffl @ 2000'. Final oil cut, 45%, trace of sd. Total fluid rec 133 bbl. 86 BLO, 47 BNO. Final swab rate 20 BPH. SDFN.  
CUM COST: \$185,054

LOMAX EXPLORATION  
Federal #12-35  
NW/SW Section 35, T8S, R16E  
Duchesne County, Utah  
DAILY COMPLETION REPORT 2

7/16/83

Present Operation - RU to circ. (6 days)

REMARKS: SITP 300 psi. SICP 250 psi. RU to swab. IFL @ 500'.  
FFL @ 4300'. Made 40 swab runs. Recovered 197 bbl total fluid.  
Recovered 99 BLW, 98 BNO. Final oil cut 80%, trace of sand.  
Swab rate 20 BPH. SDFN.  
CUM COST; \$187,364

7/17/83

Present Operation - SI FOR BHPBU. (7 days)

REMARKS: SITP 500 psi. SICP 200 psi. Bled off press. RU  
circ equip. Circ oil to tank. TIH. Tag sand @ 5052'. Circ  
sd from 5052' to 5252'. (230' of rathole). TOH. TIH w/bull  
plug, 1 jt 2 7/8" tbg, perf sub, SN, 4 jts tbg, anchor, 151 jt  
tbg. Set anchor @ 4900' w/8000# tension. SN @ 5033'. EOT @  
5071'. Hook up well head. RU to swab. IFL @ 1000'. Made 4  
runs. Rec 36 bbl. FFL @ 1900'. Ran 5000 psi press recorder  
w/72 hr clock to 5000' for press build up on bottom @ 1630  
hrs 7/16/83.  
CUM COST; \$189,474

7/18/83

Present Operation - WO facilities. (8 days)

REMARKS: TOH w/BPH bomb. EOT @ 5070'. SN @ 5033'. anchor @  
4900'. Total of 156 jts. Tbg in hole. TIH w/1 1/2" Axelson  
pump, 4 wt rods, 195 3/4 class D rods, 1-8', 1-6', 1-4', 2-2'  
pony rods, 1 1/2"x22' polish rod. Tested pump to 500 psi. Ok.  
RDMOSU.  
CUM COST: \$198,634



Attachment 6-1  
3 of 8

### DAILY COMPLETION REPORT

**WELL NAME:** MBF 12-35-8-16 **Report Date:** 5/17/01 **Day:** 01  
**Operation:** Re-completion **Rig:** Ross #11

#### WELL STATUS

**Surf Csg:** 8 5/8 @ 303' **Production Csg:** 5 1/2" 17# @ 5677' **Csg PBTD:** 5635'  
**Tbg:** **Size:** 2 7/8 **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 0 **BP/Sand PBTD:** 5172'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	exist 4998-5022'	4/96			
D2 sds	exist 5057-5067'	4/40			

#### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 16-May-01 **SITP:**  **SICP:** 0

MIRU Ross #11. Pump 100 BW dn scg @ 225°F. Returns after 90 bbls. RD pumping unit. Unseat rod pump. Flush tbg & rods W/ 60 BW @ 225°F. TOH W/ rod string--LD pump. ND wellhead. Release TA @ 4961'. NU BOP. PU & TIH W/ 3 jts tbg--tag fill @ 5172' (9' new fill, still 105' rathole)'. TOH & talley production tbg. LD BHA. SIFN W/ est 160 BWTR.

#### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 0 **Starting oil rec to date:** 0  
**Fluid lost/recovered today:** 160 **Oil lost/recovered today:**   
**Ending fluid to be recovered:** 160 **Cum oil recovered:** 0  
**IFL:**  **FFL:**  **FTP:**  **Choke:**  **Final Fluid Rate:**  **Final oil cut:**

#### STIMULATION DETAIL

**Base Fluid used:**  **Job Type:**   
**Company:**   
**Procedure or Equipment detail:**

#### COSTS

Ross rig	\$2,290
BOP	\$130
Water & trucking	\$400
HO trk	\$500
Trucking	\$1,500
Pump repair	\$950
TA repair	\$300
Tbg	\$300
Csg scraper	\$275
IPC Supervision	\$200

**Max TP:**  **Max Rate:**  **Total fluid pmpd:**   
**Avg TP:**  **Avg Rate:**  **Total Prop pmpd:**   
**ISIP:**  **5 min:**  **10 min:**  **15 min:**

**Completion Supervisor:** Gary Dietz

**DAILY COST:** \$6,845  
**TOTAL WELL COST:** \$6,845





Attachment 4-1  
5 of 8

### DAILY COMPLETION REPORT

WELL NAME: MBF 12-35-8-16 Report Date: 5/19/01 Day: 03  
Operation: Re-completion Rig: Ross #11

#### WELL STATUS

Surf Csg: 8 5/8 @ 303' Production Csg: 5 1/2" 17# @ 5677' Csg PBTD: 5635'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5172'  
BP/Sand PBTD: 4600'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	new 4519-4552'	4/132			
D1 sds	exist 4998-5022'	4/96			
D2 sds	exist 5057-5067'	4/40			

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: 18-May-01 SITP: 0 SICP: 0

RBP @ 4600'. GB6 perfs @ 4519-52'. NU isolation tool. RU BJ Services and frac GB sds W/ 146,000# 20/40 sand in 910 bbls Viking I-25 fluid. Perfs broke dn @ 2216 psi. Treated @ ave press of 2100 psi W/ ave rate of 29.8 BPM. ISIP-2430 psi. RD BJ. Start immediate flowback of GB frac on 12/64 choke @ 1 BPM. Zone flowed 7 hrs & died. Rec 363 BTF (est 40% of frac load). ND isolation tool. SIFN W/ est 747 BWTR.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 200 Starting oil rec to date: 0  
Fluid lost/recovered today: 547 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 747 Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: 12/64 Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

#### STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac  
Company: BJ Services

Procedure or Equipment detail: GB6 sands  
8500 gals of pad  
7500 gals W/ 1-5 ppg of 20/40 sand  
15000 gals W/ 5-8 ppg of 20/40 sand  
2910 gals W/ 8 ppg of 20/40 sand  
Flush W/ 4326 gals of slick water

#### COSTS

Ross rig \$1,813  
BOP \$130  
BJ Services--GB sds \$39,425  
Frac water \$1,200  
Fuel gas (+/- 45 mcf) \$270  
Frac tks (3 X 3 days) \$360  
Fuel gas RU \$100  
IPC Supervision \$200

Max TP: 2737 Max Rate: 30 BPM Total fluid pmpd: 910 bbls  
Avg TP: 2100 Avg Rate: 29.8 BPM Total Prop pmpd: 146,000#  
ISIP: 2430 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ 15 min: \_\_\_\_\_

Completion Supervisor: Gary Dietz

DAILY COST: \$43,498  
TOTAL WELL COST: \$56,817







## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4469'.
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' using 12 sx Class "G" cement.
4. Set Perforate 4 JSPF @ 354'.
5. Plug #3 Circulate 99 Sx Class "G" cement down the 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

# Monument Butte Fed. #12-35

Spud Date: 6/5/1983  
Put on Production: 11/19/1988  
GL: 5586' KB: 5597'

Initial Production: 33 BOPD,  
80 MCFD, NM BWPD

Proposed P & A  
Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts.  
DEPTH LANDED: 304'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 210 sxs Class "G" cement.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts.  
DEPTH LANDED: 5677'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs LoDense & 300 sxs Gypseal  
CEMENT TOP AT: 1144' per CBL

Cement Top @ 1144' per CBL

Circulate 99 Sx Class G cement down 5-12" casing and up the 5-1/2" x 8-5/8" annulus.

Shoe @ 304'

Perforate 4 JSPP @ 354'

200' Balanced Plug (25 sx) Class G Cement over water zone 2000' - 2200'

100' (12sx) Class G Cement plug on top of CIBP

CIBP @ 4469'

4519'-4552'

4998'-5022'

5057'-5067'

PBTD @ 5635'

TD @ 5680'

**NEWFIELD**

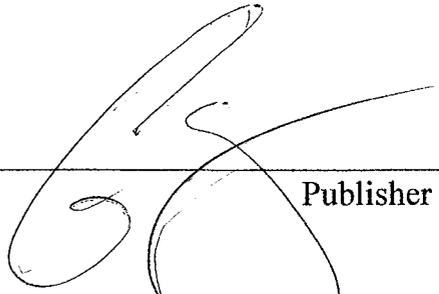


Monument Butte Fed. #12-35  
779' FWL & 1839' FSL  
NWSW Section 35-T8S-R16E  
Duchesne Co, Utah  
API #43-013-30744; Lease #U-16535

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 4 day of November, 2008, and that the last publication of such notice was in the issue of such newspaper dated the 4 day of November, 2008.

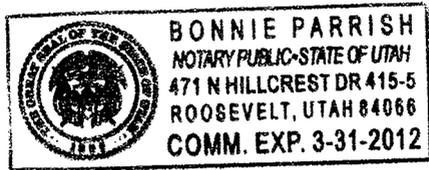


Publisher

Subscribed and sworn to before me this 6 day of November, 2008



Notary Public



COPY

## NOTICE OF AGENCY ACTION CAUSE NO. UIC 350

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE MONUMENT BUTTE FEDERAL 12-35-8-16, AND MONUMENT BUTTE FEDERAL 14-35-8-16 WELLS LOCATED IN SECTION 35, TOWNSHIP 8 SOUTH, RANGE 16 EAST, NINE MILE 12-7-9-16, NINE MILE 2-7-9-16, NINE MILE 6-7-9-16, AND WEST POINT 8-7-9-16 WELLS LOCATED IN SECTION 7, TOWNSHIP 9 SOUTH, RANGE 16 EAST; SOUTH WELLS DRAW 12-2-9-16 WELL LOCATED IN SECTION 2, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS

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 Federal 12-35-8-16/Monument Butte UIC 350 wells, all object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within

the following fifteen days boat owners can says boat owners can ti boats as they leave. s them to decontam. n they visit the waters. s addition to contacting an more closely, he going to watch these are not taking any re mussels in them, s. Wildlife Resources ne approach the state safe than sorry.

## EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 8 South, Range 16 East</u> Section 35: ALL Section 34: NE, N2SE, SESE	U-16535 HBP	Newfield Production Company 1001 17 <sup>th</sup> St Suite 2000 Denver, Co 80202 Davis Bros LLC Davis Resources 110 West 7 <sup>th</sup> St. Suite 1000 Tulsa, OK 74119 James Fischgrund 1025 Crescent Drive Beverly Hills, CA 90210 International Drilling Inc 7710-T Cherry Park PMB 503 Houston, TX 77095 Raymond H. Brennan 104 Lee Lane Bellville, TX 77418 Marian Brennan 104 Lee Lane Bellville, TX 77418 Deer Valley Ltd. 800 Bering Drive #305 Houston TX 77057 AGK Energy LLC. 38 Nonohe Pl Paia, HI 96779 Thomas I Jackson 7710-T Cherry Park PMB 503 Houston, TX 77095	(Surface Rights) USA

**RECEIVED**  
**MAR 19 2009**  
 DIV. OF OIL, GAS & MINING

EXHIBIT B

Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
			Chorney Oil Co 555 17 <sup>th</sup> St. Suite 1000 Denver, Co. 80202 Chorney Raymond Estate 555 17 <sup>th</sup> Street Suite 1000 Denver, Co 80202 Codvington OG Inc 13405 NW Freeway # 310 Houston, TX 77040 COG Partnership PO Box 849929 Dallas, TX 75284-9929 Beverly Fischgrund 1025 N Crescent Dr. Beverly Hills, CA 90210 Green River OG Partner 13405 NW Freeway # 314 Houston, TX 77040 Newfield RMI 1001 17 <sup>th</sup> St. Suite 1000 Denver, Co 80202 Jack Rawitscher 49 Briar Hollow Ln #605 Houston, TX 77027 Turnkey Pipeline Co. 1 Post Oak Circle Houston, TX 77024 War-Gal LLC 17350 State Highway 249 # 140 Houston, TX 77064-1132	

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 DIV. OF OIL, GAS & MINING

## EXHIBIT B

Page 3

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
			Whitehall Energy Corp 104 Lee Lane Bellville, TX 77418 EEX Corporation PO Box 4346 Dept #315 Houston, TX 77210-4346	
2	<u>Township 9 South, Range 16 East</u> Section 2: Lots 1-4, S2N2, S2	ML-21839 HBP	Newfield Production Company 1001 17 <sup>th</sup> Street Denver, Co. 80202 Davis Bros LLC Davis Resources 110 West 7 <sup>th</sup> St. Suite 1000 Tulsa, OK 74119 Deer Valley LTD 800 Bering Drive Suite 305 Houston, TX 77057 International Drilling Services 7710-T Cherry Park PMB 503 Houston, TX 77095 Thomas Jackson 7710-T Cherry Park PMB 503 Houston, TX 77095 Beverly Sommer 1025 North Crescent Drive Beverly Hills, CA 90210 Texas General Offshore , Inc 7710-T Cherry Park PMB 503 Houston, TX 77095	(Surface Rights) STATE

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 DIV. OF OIL, GAS & MINING

## EXHIBIT B

Page 4

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
			Jasper Warren 17350 State Highway 249 Suite 140 Houston, TX 77064-1140 AGK Energy, LLC 38 Nonohe Pl Paia, HI 96779 Marian Brennan Raymond Brennan 104 Lee Lane Bellville, TX 77418	
3	<u>Township 9 South, Range 16 East</u> Section 3: Lots 1, 2, S2NE	U-47172 HBP	Newfield Production Company 1001 17 <sup>th</sup> Street Denver, Co. 80202	(Surface Rights) USA
4	<u>Township 8 South, Range 16 East</u> Section 34: SWSE	UTU-76787 HBP	Newfield Production Company Newfield RMI 1001 17 <sup>th</sup> Street Denver, Co. 80202 James Fischgrund 1025 North Crescent Drive Beverly Hills, CA 90210	(Surface Rights) USA

**RECEIVED**  
**MAR 19 2009**  
 DIV. OF OIL, GAS & MINING

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

**Applicant:** Newfield Production Company      **Well:** Monument Butte Federal 12-35-8-16

**Location:** 35/8S/16E      **API:** 43-013-30744

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Ashley Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners 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 Ashley 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 304 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,677 feet. A cement bond log demonstrates adequate bond in this well up to 3,500 feet. A 2 7/8 inch tubing with a packer will be set at 4,484. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 9 producing wells and 6 injection wells in the area of review. All of the wells have evidence of adequate casing and cement.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 600 feet. Injection shall be limited to the interval between 4,170 feet and 5,357 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 12-35-8-16 well is 0.79 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,767 psig. The requested maximum pressure is 1,767 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Ashley Unit on August 25, 1998. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

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

Date 3/19/09



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

March 25, 2009

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, Colorado 80202-2035

43 013 30744

Subject: Ashley PA AB Unit Well: Monument Butte Federal 12-35-8-16, Section 35, Township 8 South, Range 16 East, SLBM, 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.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

Gil Hunt  
Associate Director

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
SITLA, Salt Lake City  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Monument Butte



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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-16535

**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:  
MON BUTTE UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
MON BUTTE FED 12-35

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301330744

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: 1839 FSL 779 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 35, 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:  07/28/2009	<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 type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

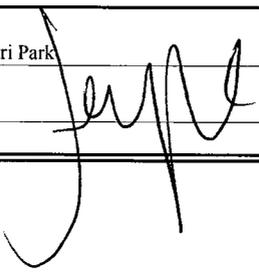
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well was converted from a producing oil well to an injection well on 07/15/09. On 07/16/09 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test 07/17/09. On 07/17/09 the casing was pressured up to 1350 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 385 psig during the test. There was not a State representative available to witness the test.

API# 43-013-30744

NAME (PLEASE PRINT) Jentri Park

TITLE Production Tech

SIGNATURE 

DATE 07/28/2009

(This space for State use only)

**RECEIVED**

**AUG 03 2009**

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

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 7/17/09 Time 8:35 am/pm

Test Conducted by: David Riekers

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

Well: <u>Monument Butte</u> <u>12-35-8-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NW/SW Sec. 35, T8S, R16E</u> API No: <u>43-013-30744</u>	

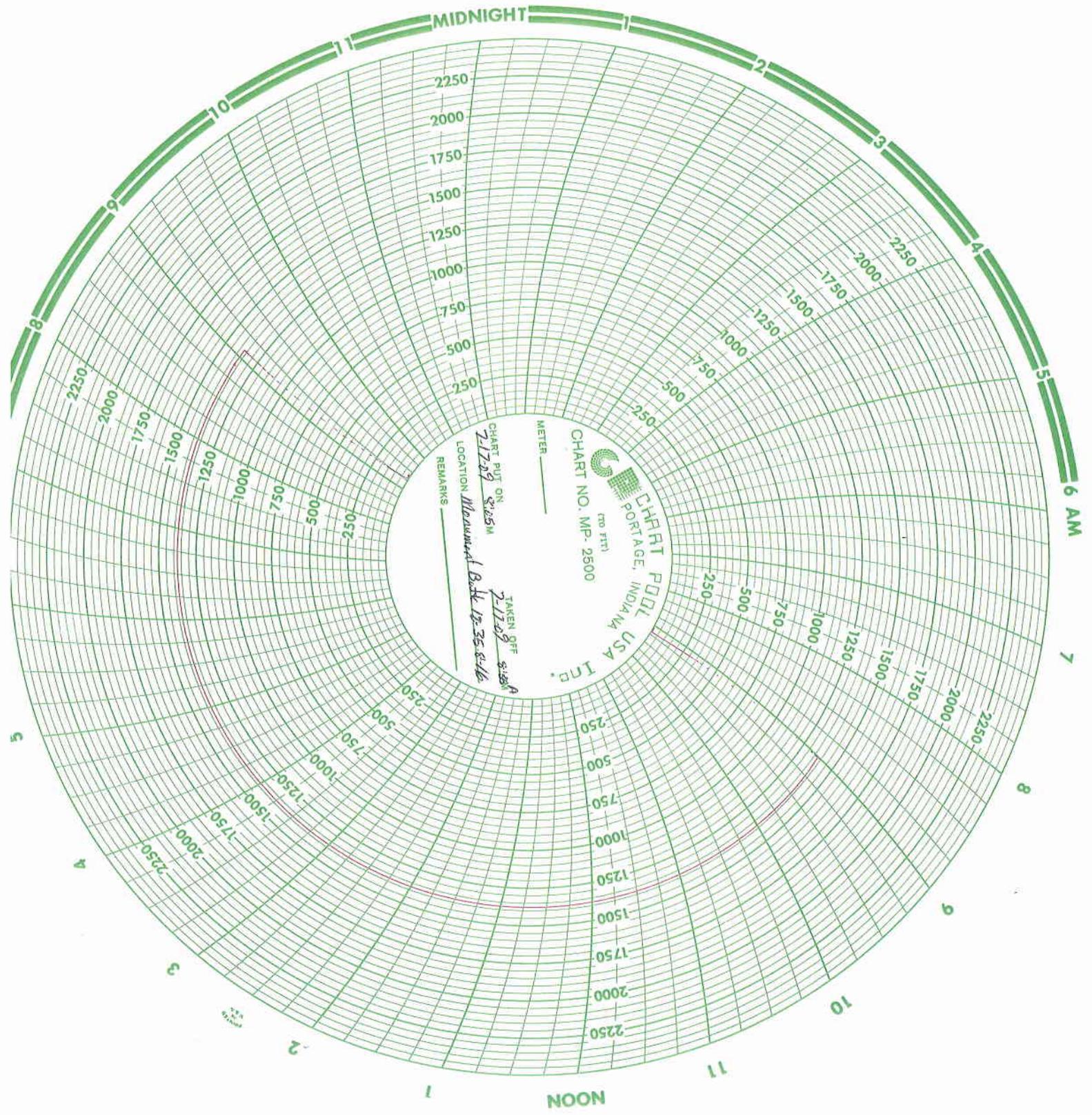
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1350</u>	psig
5	<u>1350</u>	psig
10	<u>1350</u>	psig
15	<u>1350</u>	psig
20	<u>1350</u>	psig
25	<u>1350</u>	psig
30 min	<u>1350</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 385 psig

Result: Pass Fail

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

Signature of Person Conducting Test: David Riekers



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NOON

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NOON

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NOON

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NOON

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NOON

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NOON

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3

4

5

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NOON

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10



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

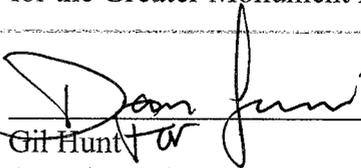
### Cause No. UIC-350

**Operator:** Newfield Production Company  
**Well:** Monument Butte Federal 12-35-8-16  
**Location:** Section 35, Township 8 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-30744  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on March 25, 2009.
2. Maximum Allowable Injection Pressure: 1,767 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,170' – 5,357')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
Gil Hunter  
Associate Director

11/19/09  
Date

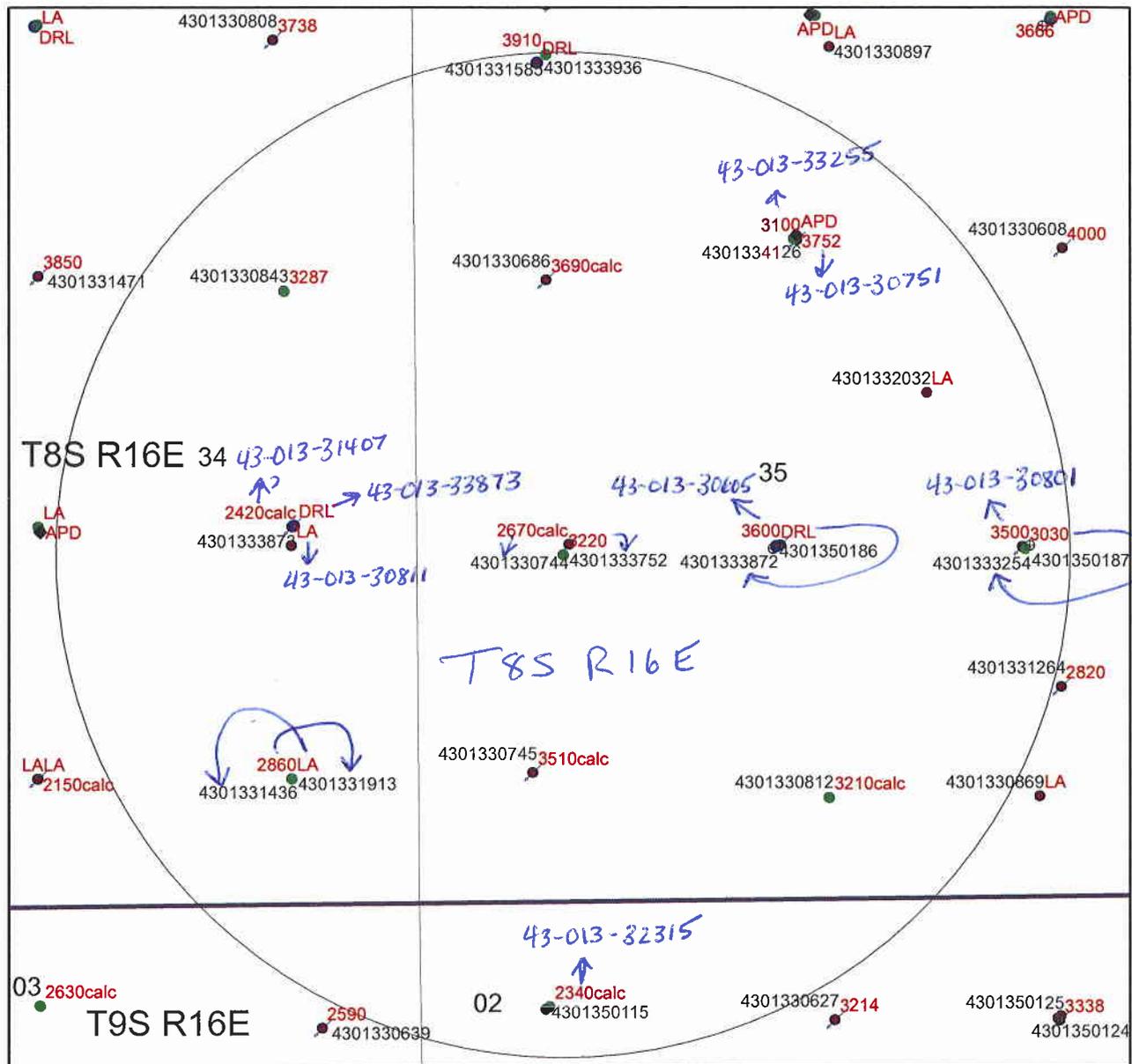
GLH/MLR/js

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

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Monument Butte

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • [www.ogm.utah.gov](http://www.ogm.utah.gov)





# FEDERAL 12-35-8-16

API #43-013-30744

UIC-350.1

## Legend

### OGM Database View Events

✕ <all other values>

### Status

- ◆ APD - Aproved Permit
- ⊙ DRL - Spuded (Drilling Commenced)
- ⚡ GIW - Gas Injection
- ⚡ GS - Gas Storage
- ⊖ LA - Location Abandoned
- ⊕ LOC - New Location
- ⚠ OPS - Operation Suspended
- ⊖ PA - Plugged Abandoned

- ⚡ PGW - Producing Gas Well
- POW - Producing Oil Well
- ⊙ RET - Returned APD
- ⚡ SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- ⊖ TA - Temp Abandoned
- TW - Test Well
- ⚡ WDW - Water Disposal
- ⚡ WIW - Water Injection Well
- WSW - Water Supply Well

1870calc = approx cement top calculated from well completion report



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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-16535

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
MON BUTTE FED 12-35

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301330744

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: 1839 FSL 779 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSW, 35, 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>12/08/2009</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 on injection.
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above reference well was put on injection at 12:30 PM on 12-8-09.

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager

SIGNATURE *Kathy Chapman* DATE 12/09/2009

(This space for State use only)

**RECEIVED**  
**DEC 10 2009**  
**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

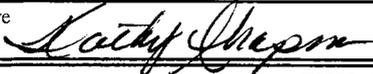
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-16535
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address    Route 3 Box 3630 Myton, UT 84052	3b. Phone    (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBL
4. Location of Well    (Footage, Sec., T., R., M., or Survey Description) 1839 FSL 779 FWL  NWSW Section 35 T8S R16E		8. Well Name and No. MON BUTTE FED 12-35
		9. API Well No. 4301330744
		10. Field and Pool, or Exploratory Area MONUMENT BUTTE
		11. County or Parish, State DUCHESNE, UT

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

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

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

The above reference well was put on injection at 12:30 PM on 12-8-09.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Kathy Chapman	Title Office Manager
Signature 	Date 12/09/2009

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

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

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

(Instructions on page 2)

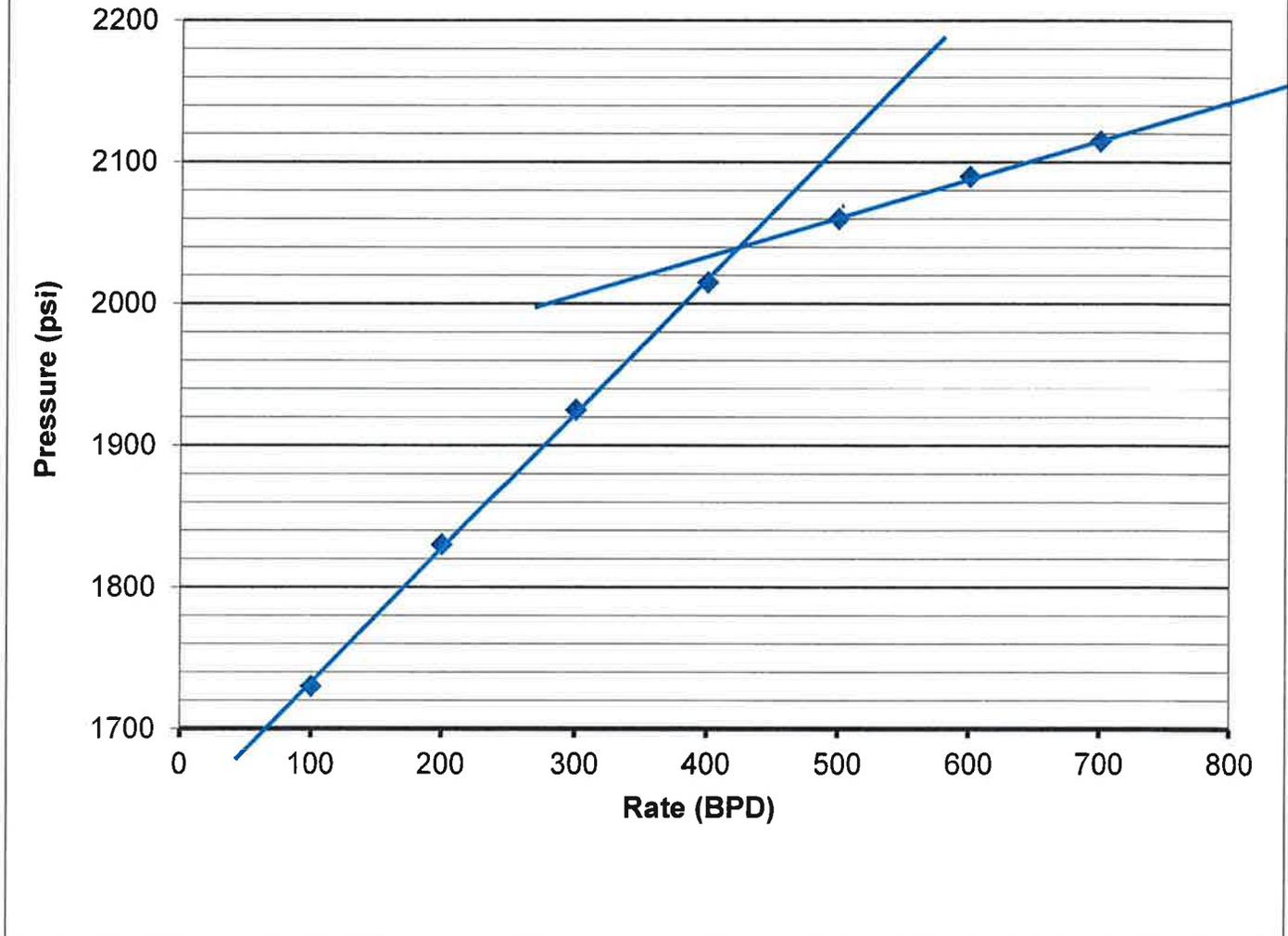
**RECEIVED**

**DEC 10 2009**

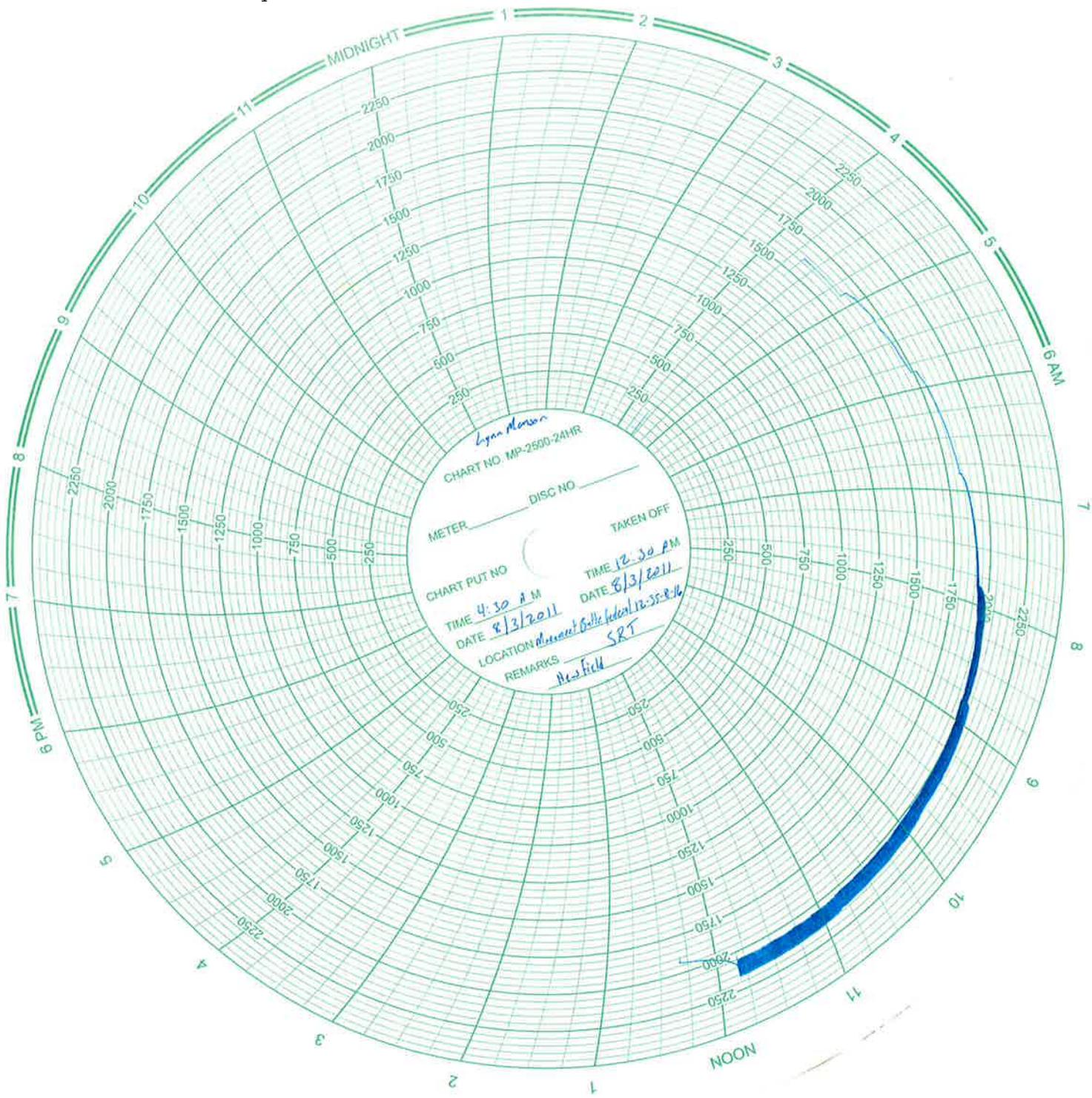
**DIV. OF OIL, GAS & MINING**

<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>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-16535
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>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<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> MONUMENT BUTTE FED 12-35-8-16	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013307440000	
<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> 1839 FSL 0779 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 35 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: 8/3/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="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 August 3, 2011. Results from the test indicate that the fracture gradient is 0.891 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1767 psi to 2060 psi.		
		<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> <u>09/07/2011</u>  <b>By:</b> 
<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> 9/1/2011	

**Monument Butte Federal 12-35-8-16  
Greater Monument Butte Unit  
Step Rate Test  
August 3, 2011**



<b>Start Pressure:</b>	1630 psi	<b>Step</b>	<b>Rate(bpd)</b>	<b>Pressure(psi)</b>
<b>Top Perforation:</b>	4519 feet	1	100	1730
<b>Fracture pressure (Pfp):</b>	2040 psi	2	200	1830
<b>FG:</b>	0.891 psi/ft	3	300	1925
		4	400	2015
		5	500	2060
		6	600	2090
		7	700	2115



<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.	
<b>1. TYPE OF WELL</b> Water Injection Well	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-16535
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>8. WELL NAME and NUMBER:</b> MONUMENT BUTTE FED 12-35-8-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1839 FSL 0779 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 35 Township: 08.0S Range: 16.0E Meridian: S	<b>9. API NUMBER:</b> 43013307440000
	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
	<b>COUNTY:</b> DUCHESNE
	<b>STATE:</b> UTAH

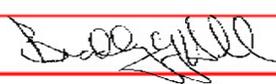
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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: 6/24/2014	<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="5 YR MIT"/>

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

On 06/24/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 06/24/2014 the casing was pressured up to 1414 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1755 psig during the test. There was not a State representative available to witness the test.

**REQUEST DENIED**  
 July 17, 2014  
 Division of  
 Oil, Gas and Mining

Date: \_\_\_\_\_  
 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> 6/25/2014	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 6/24/2014 Time 9:43 (am/pm)

Test Conducted by: Kim Giles

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

5yr

Well: <u>Federal 12-35-8-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NW/5W Sec. 35, T8S, R16E Duchesne County Utah</u>	API No: <u>43-013-30744</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1419</u>	psig
5	<u>1420</u>	psig
10	<u>1419</u>	psig
15	<u>1418</u>	psig
20	<u>1417</u>	psig
25	<u>1415</u>	psig
30 min	<u>1414</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1755 psig

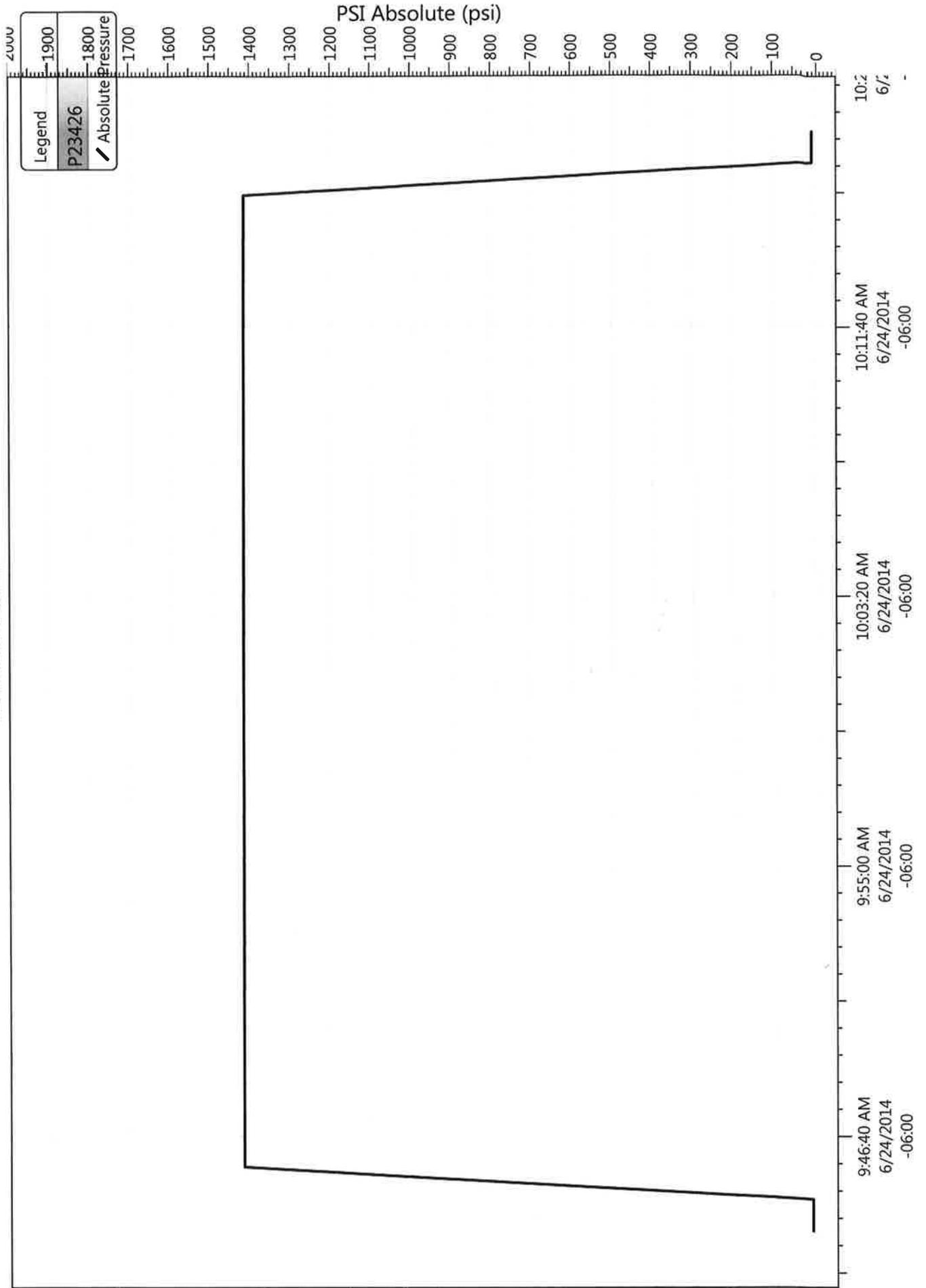
Result: Pass Fail

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

Signature of Person Conducting Test: Kim Giles

12-35-8-16 5yr MIT

6/24/2014 9:43:18 AM



<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.	
<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-16535	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)	<b>8. WELL NAME and NUMBER:</b> MONUMENT BUTTE FED 12-35-8-16
<b>1. TYPE OF WELL</b> Water Injection Well	<b>9. API NUMBER:</b> 43013307440000
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1839 FSL 0779 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 35 Township: 08.0S Range: 16.0E Meridian: S	<b>COUNTY:</b> DUCHESNE  <b>STATE:</b> UTAH

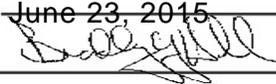
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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: 6/18/2015	<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="1 YR MIT"/>

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

On 06/12/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 1 Year MIT on the above listed well. On 06/18/2015 the casing was pressured up to 1101 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1722 psig during the test. There was not a State representative available to witness the test.

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

Date: June 23, 2015  
 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> 6/22/2015	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: \_\_\_\_\_ Date 6/18/15 Time 1:13 am pm

Test Conducted by: INAKI LASA

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

<b>Well:</b> FEDERAL 12-35-8-16 NW/SW SEC. 35, T8S, R16E U-16585 UTU 87538X	<b>Field:</b> Monument Butte
<b>Well Location:</b> Duchesne COUNTY, UTAH	<b>API No:</b> 4301330744

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>0</u>	psig
5	<u>1,100</u>	psig
10	<u>1,101</u>	psig
15	<u>1,101</u>	psig
20	<u>1,101</u>	psig
25	<u>1,101</u>	psig
30 min	<u>1,101</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

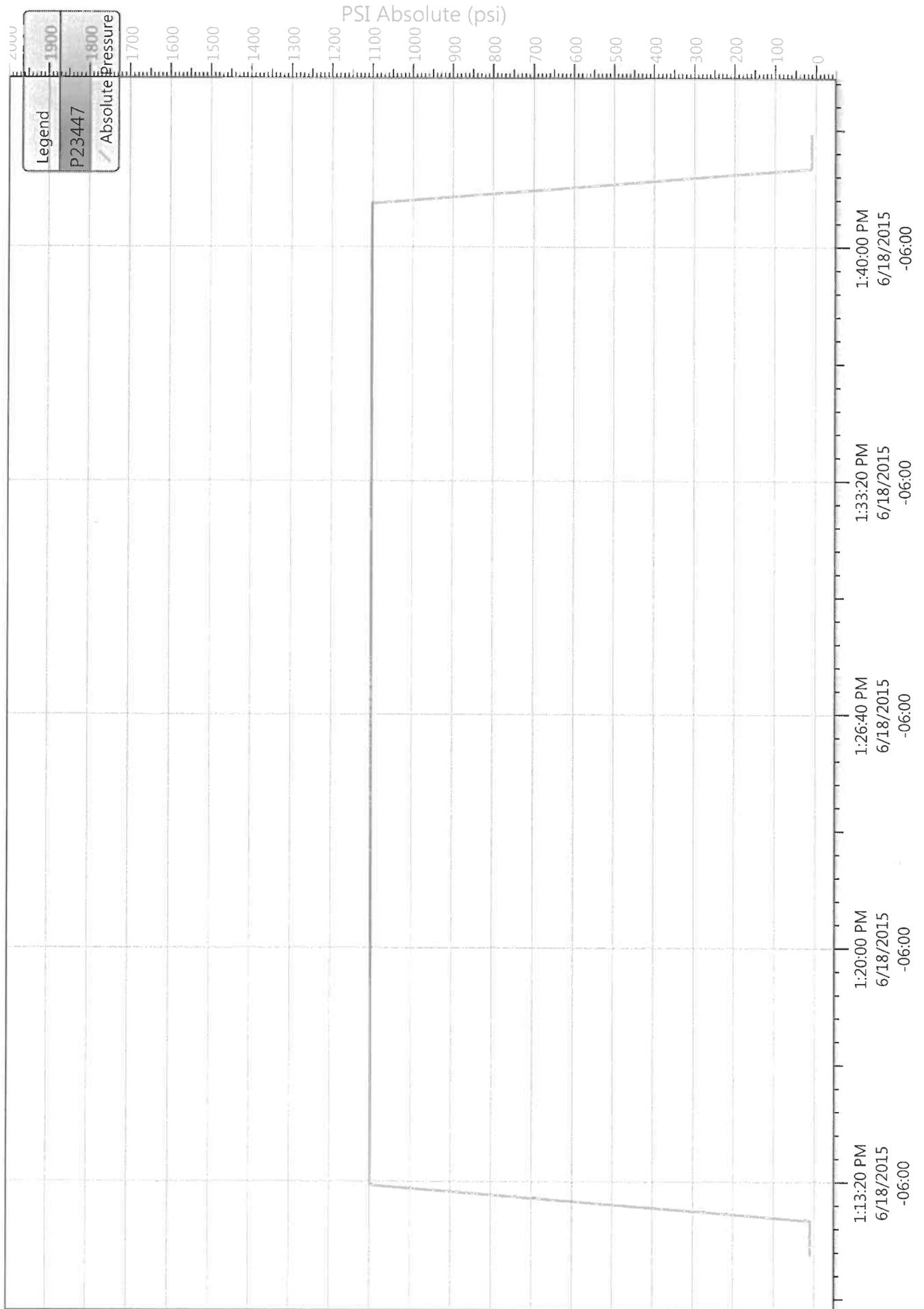
Tubing pressure: 1,722 psig

Result: Pass Fail

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

Signature of Person Conducting Test: Inaki Lasas

Federal 12-35-8-16  
6/18/2015 1:10:56 PM



# Monument Butte Fed. #12-35

Spud Date: 6/5/1983  
 Put on Production: 11/19/1988  
 GL: 5586' KB: 5597'

Initial Production: 33 BOPD,  
 80 MCFD, NM BWPD

## Injection Wellbore Diagram

### SURFACE CASING

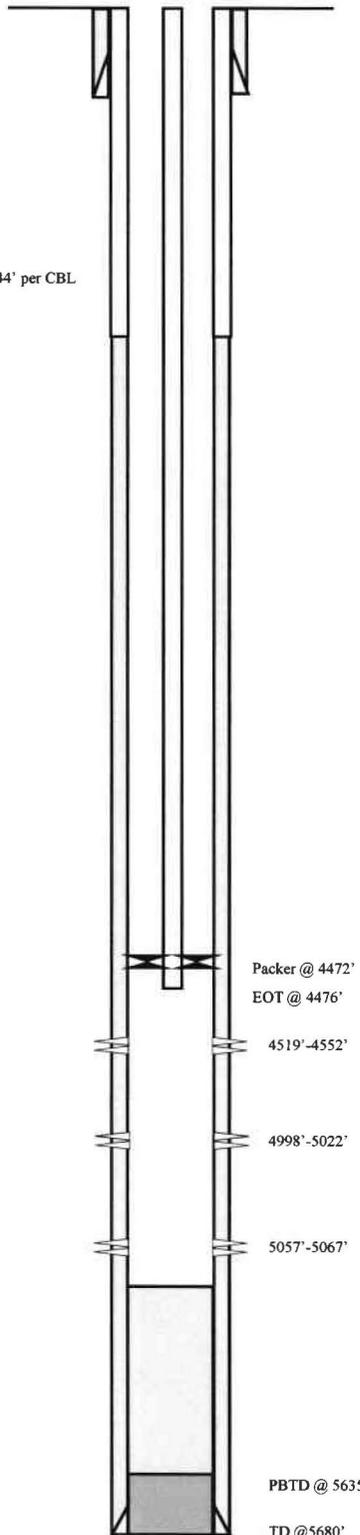
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts  
 DEPTH LANDED: 304'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 210 sxs Class "G" cmt.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 140 jts  
 DEPTH LANDED: 5677'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs LoDense & 300 sxs Gypseal  
 CEMENT TOP AT: 1144' per CBL

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 141 jts (4456.38')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4467.38' KB  
 Arrowset 1-X pkr (7.40)  
 CE (3.30') @ 4471.78  
 TOTAL STRING LENGTH: EOT @ 4475.88'



### FRAC JOB

7/13/83	5000'-5022'	<b>Frac D-1 sand as follows:</b> 124,300# 20/40 sand in 858 bbls Viking I-25 fluid.
7/13/83	4998'-5022' 5057'-5067'	<b>Break zones as follows:</b> 164 bbl. 3% KCl, max press. 2500#, ISIP 1800#.
5/18/01	4519'-4552'	<b>Frac GB-6 sand as follows:</b> 146,000# 20/40 sand in 910 bbls Viking I-25 fluid. Treat @ avg. pressure of 2100 psi at 29.8 BPM. ISIP 2430 psi. Calc Flush: 4519 bbl. Act. Flush: 4326 bbl. Flow 7 hrs. then died.
12/26/01		Rod job: Update rod and tubing details.
4/18/03		Tubing leak: Update rod and tubing details.
07/15/09		Converted to Injection well.
07/17/09		MIT completed update tbg detail.

### PERFORATION RECORD

7/12/83	4998'-5022'	4 JSPF	96 holes
11/18/88	5057'-5067'	4 JSPF	40 holes
5/17/01	4519'-4552'	4 JSPF	132 holes



**Monument Butte Fed. #12-35**  
 779' FWL & 1839' FSL  
 NWSW Section 35-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30744; Lease #U-16535

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-16535
<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> MONUMENT BUTTE FED 12-35-8-16
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013307440000
<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> 1839 FSL 0779 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSW Section: 35 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

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: 5/19/2016	<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="1 YR MIT"/>

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

On 05/17/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 1 Year MIT on the above listed well. On 05/19/2016 the casing was pressured up to 1015 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1932 psig during the test. There was a State representative available to witness the test - Amy Doebele.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
May 24, 2016**

<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> 5/23/2016	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

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

Witness: Amy DOEBLE Date 5/19/16 Time 9:00 am pm  
Test Conducted by: PETE MONTAGUE 9:23 am  
Others Present: BRYAN JESSEN

Well: <u>FEDERAL 12-35-816</u>	Field: <u>Monument Butte</u>
Well Location: <u>12-35-8-16</u>	API No: <u>43-013-30744</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1015</u>	psig
5	<u>1015</u>	psig
10	<u>1015</u>	psig
15	<u>1015</u>	psig
20	<u>1015</u>	psig
25		psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1932 / 1932 psig

Result: Pass Fail

Signature of Witness: Amy Doebel  
Signature of Person Conducting Test: Pete Montague

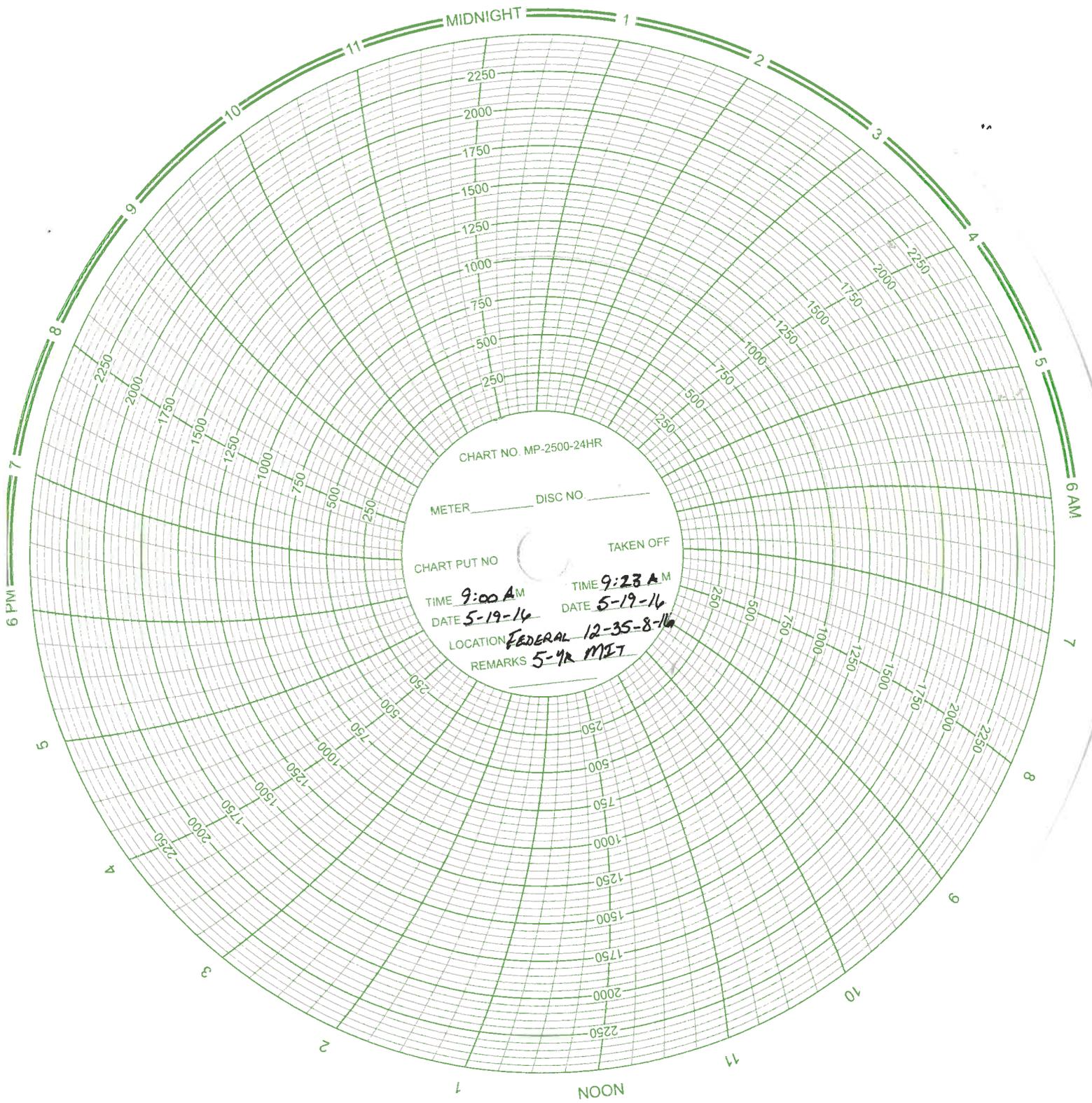


CHART NO. MP-2500-24HR

METER \_\_\_\_\_ DISC NO. \_\_\_\_\_

CHART PUT NO. \_\_\_\_\_

TAKEN OFF \_\_\_\_\_

TIME 9:00 AM

TIME 9:28 AM

DATE 5-19-16

DATE 5-19-16

LOCATION FEDERAL 12-35-8-16

REMARKS 5-yr MET