

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG  ELECTRIC LOGS  FIL  WATER SANDS LOCATION INSPECTED **OI** SUB REPORT abd

DATE FILED **2-28-83**

LAND: FEE & PATENTED STATE LEASE NO PUBLIC LEASE NO **U-16535** INDIAN

DRILLING APPROVED **3-2-83**

SPUDED IN **3-28-84**

COMPLETED **5-8-84 POW** PUT TO PRODUCING **5-8-84**

INITIAL PRODUCTION **21 BOPD, 39 MCF**

GRAVITY API **34°**

GOR **1857/1**

PRODUCING ZONES **4966' - 4982 Green River**

TOTAL DEPTH **6400'**

WELL ELEVATION **5586**

DATE ABANDONED

FIELD **MONUMENT BUTTE**

UNIT

COUNTY **DUCHESNE**

WELL NO **FEDERAL # 13-35** API NO. **43-013-30745**

LOCATION **640** FT FROM  (S) LINE **592** FT FROM  (W) LINE **SW SW** **14 - 14 SEC 35**

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
-----	-----	-----	----------	-----	-----	-----	----------

<b>8S</b>	<b>16E</b>	<b>35</b>	<b>LOMAX EXPLORATION</b>				
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## GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgate Tongue	Ouray
Green River 4958'	Frontier	Phosphoria	Elbert
Douglas Creek 4936'	Dakota	Park City	McCracken
Black shale facies 5649'	Burro Canyon	Rico (Goodridge)	Aneth
Basal G.R. 6207'	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBON I FEROUS	North Point
Wasatch 6400'	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

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 592' FWL & 640' FSL SW/SW  
 At proposed prod. zone

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 640

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.  
 1199

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

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.  
 13-35  
 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

23. 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

RECEIVED  
 FEB 28 1983

DIVISION OF  
 OIL, GAS & MINING

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

24. SIGNED 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 \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

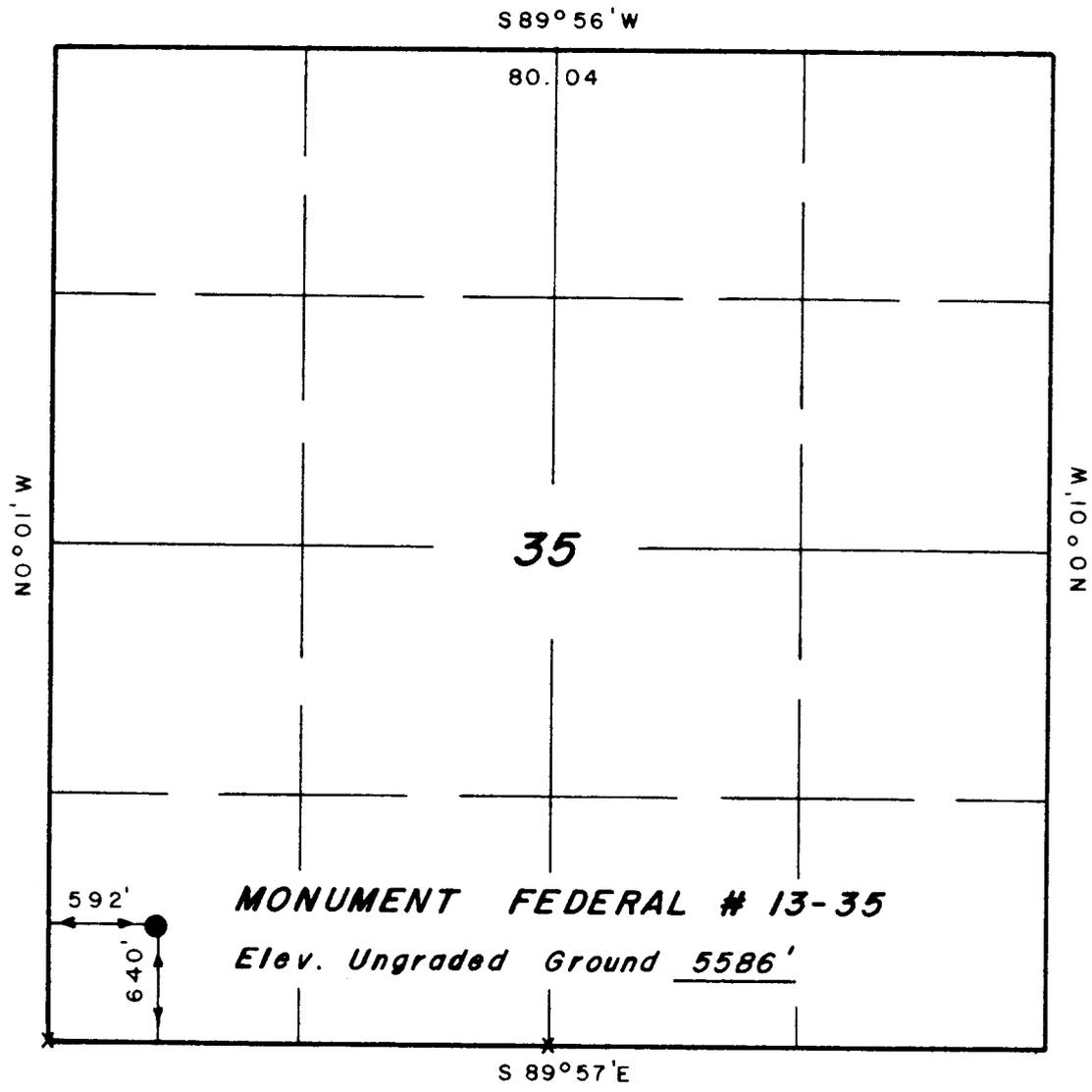
APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING

DATE: 3-2-83  
 BY: [Signature]

**T 8 S , R 1 6 E , S . L . B . & M .**

PROJECT  
**LOMAX EXPLORATION CO.**

Well location, **MONUMENT FEDERAL #13-35**, located as shown in the SW 1/4 SW 1/4 Section 35, T8S, R16E, SLB&M. Duchesne County, Utah.



CERTIFICATE

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

*Lawrence L. ...*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

X = Section Corners Located

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> P. O. BOX Q - 85 SOUTH - 200 EAST VERNAL, UTAH - 84078	
SCALE 1" = 1000'	DATE 2/10/83
PARTY R.K. D.B. J.K. S.B.	REFERENCES GLO Plat
WEATHER Cold	FILE LOMAX EXPLOR.

TEN POINT WELL PROGRAM

LOMAX EXPLORATION COMPANY  
Federal #13-35  
SW/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 #13-35

Located In

Section 35, T8S, R16E S.L.B.& M

Duchesne County Utah

LOMAX EXPLORATION  
Monument Federal #13-35  
Section 35, T8S, R16E, S.L.B & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach LOMAX EXPLORATION well location site Monument Federal #13-35, located in the SW 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 1.1 miles to its junction with the proposed access road to be discussed in Item #2.

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".

The planned road leaves the existing road described in Item #1 in the SW 1/4 SW 1/4 Section 35, T8S, R16E, S.L.B.& M., and proceeds in a Southwesterly direction approximately 400' to the proposed location site.

The proposed access road will be an 18" crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be no culverts required along this access road, as it crosses no drainage of any consequence.

There will be no turnouts required along this road.

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

The lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

### 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. Renabilitation 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

LOMAX EXPLORATION

Monument Federal #13-35

Section 35, T8S R16E, S.L.B. & M.

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 materials 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.

LOMAX EXPLORATION

Monument Federal #13-35

Section 35, T8S R16E, S.L.B. & M.

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".

LOMAX EXPLORATION  
Monument Federal #13-35  
Section 35, T8S, R16E, S.L.B. & M.

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 #13-35 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 Southwest through the location site to the Northeast 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

1-713-931-9276

13. CERTIFICATION

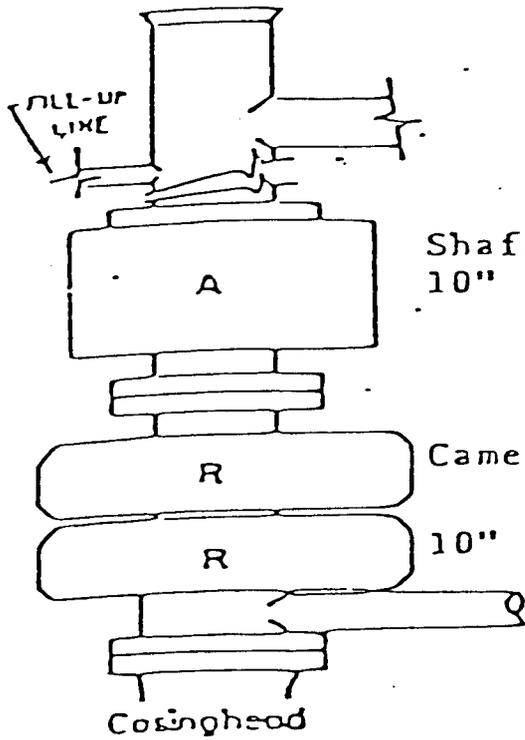
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the

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

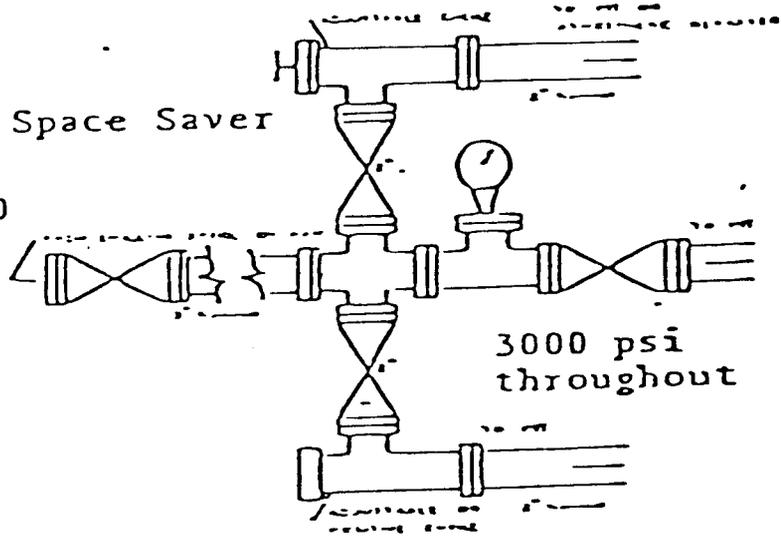
2/23/83

Jack Pruitt



Shaffer Spherical  
10" 900

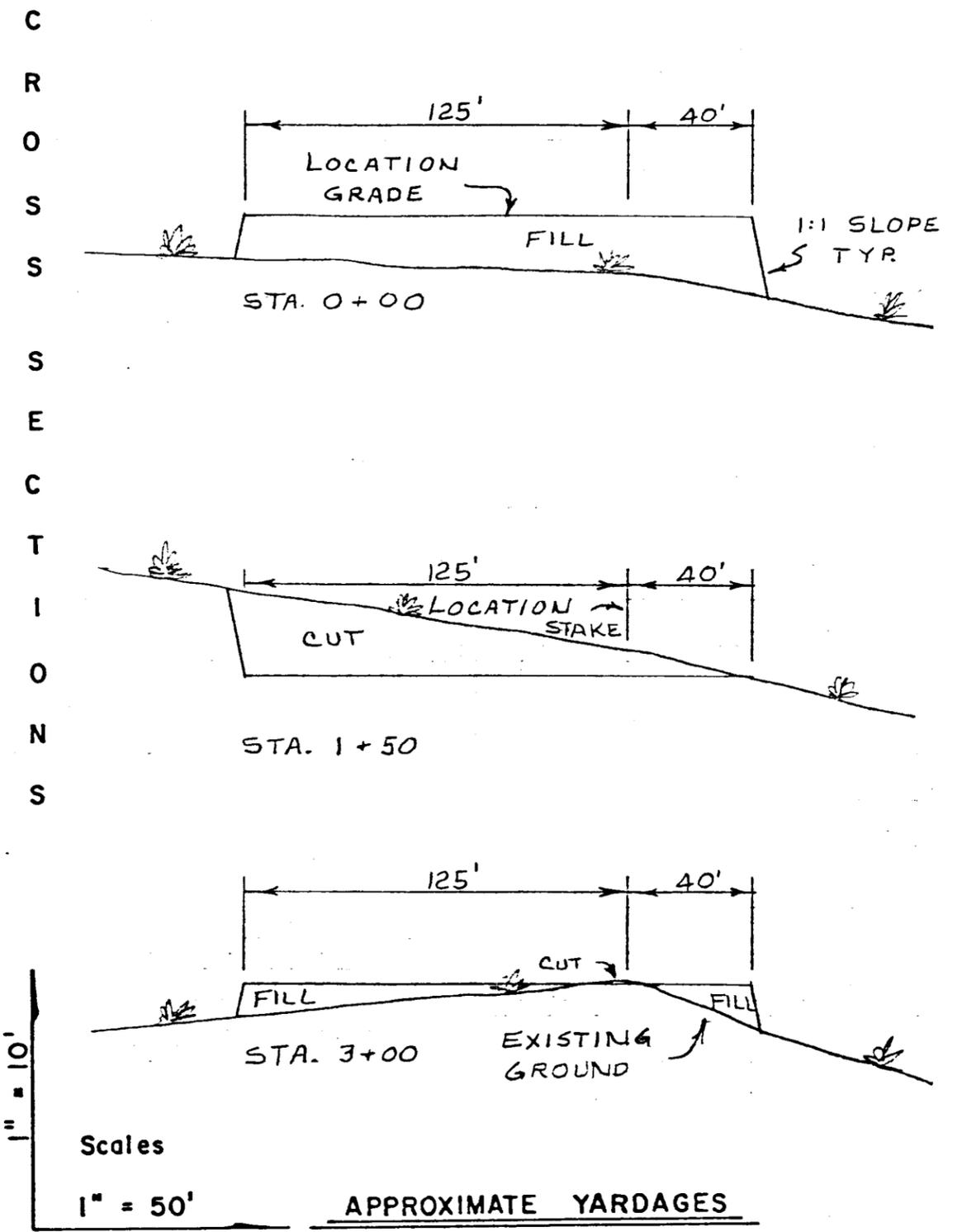
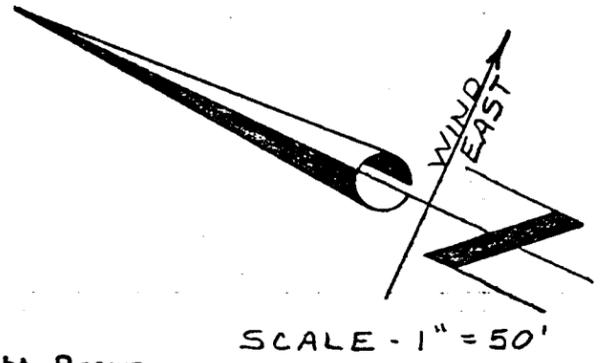
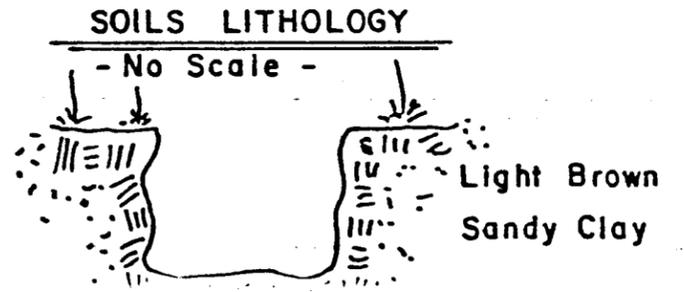
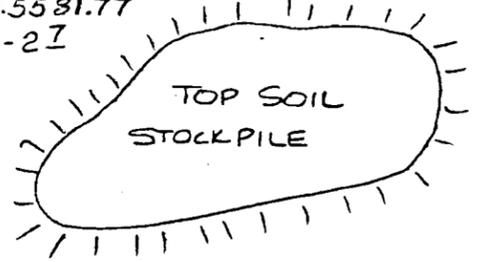
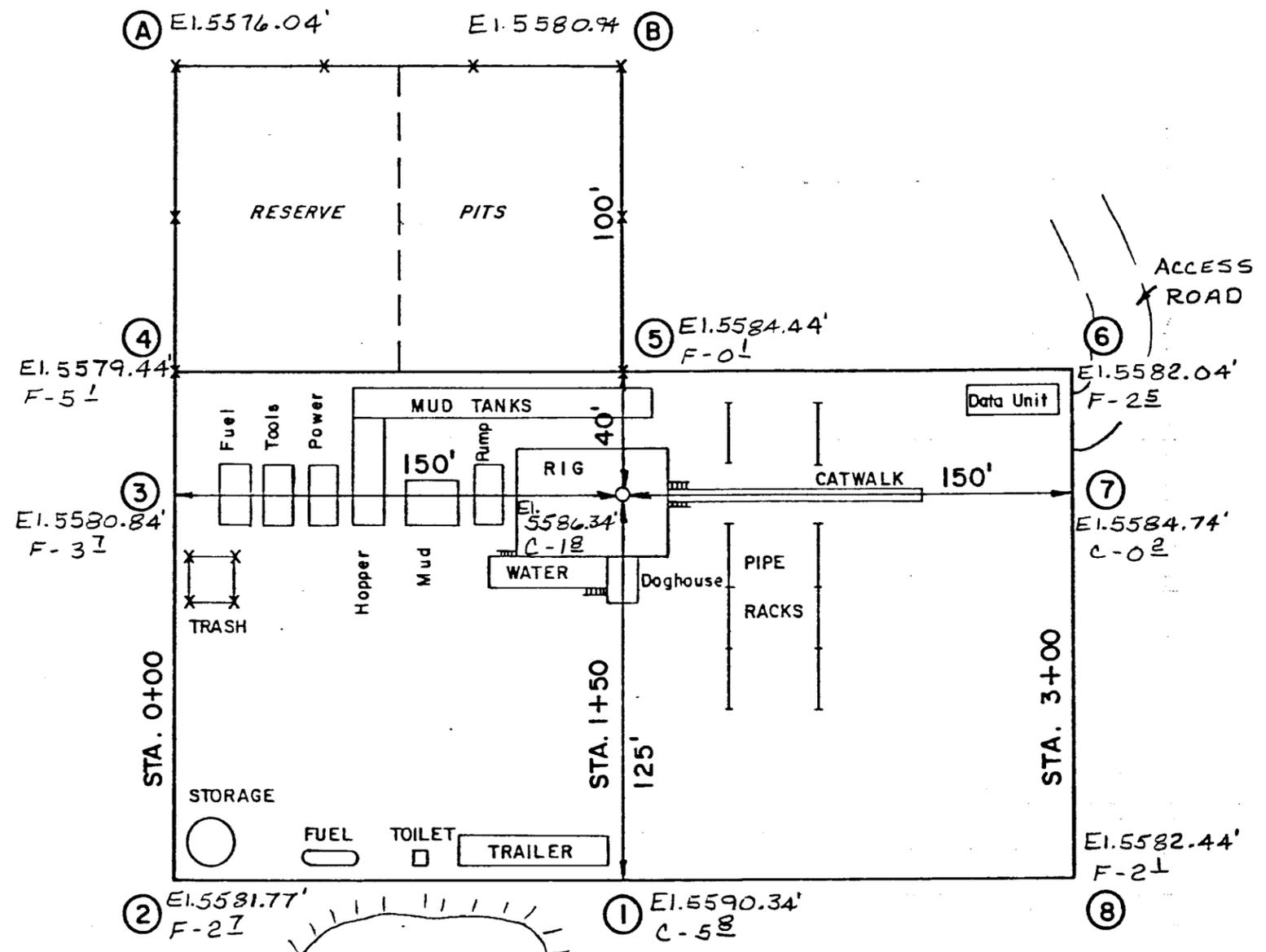
Cameron Space Saver  
10" 900



# LOMAX EXPLORATION CO.

MONUMENT FED. # 13-35

LOCATION LAYOUT & CUT SHEET



Cubic Yards Cut - 2,967  
Cubic Yards Fill - 2,101

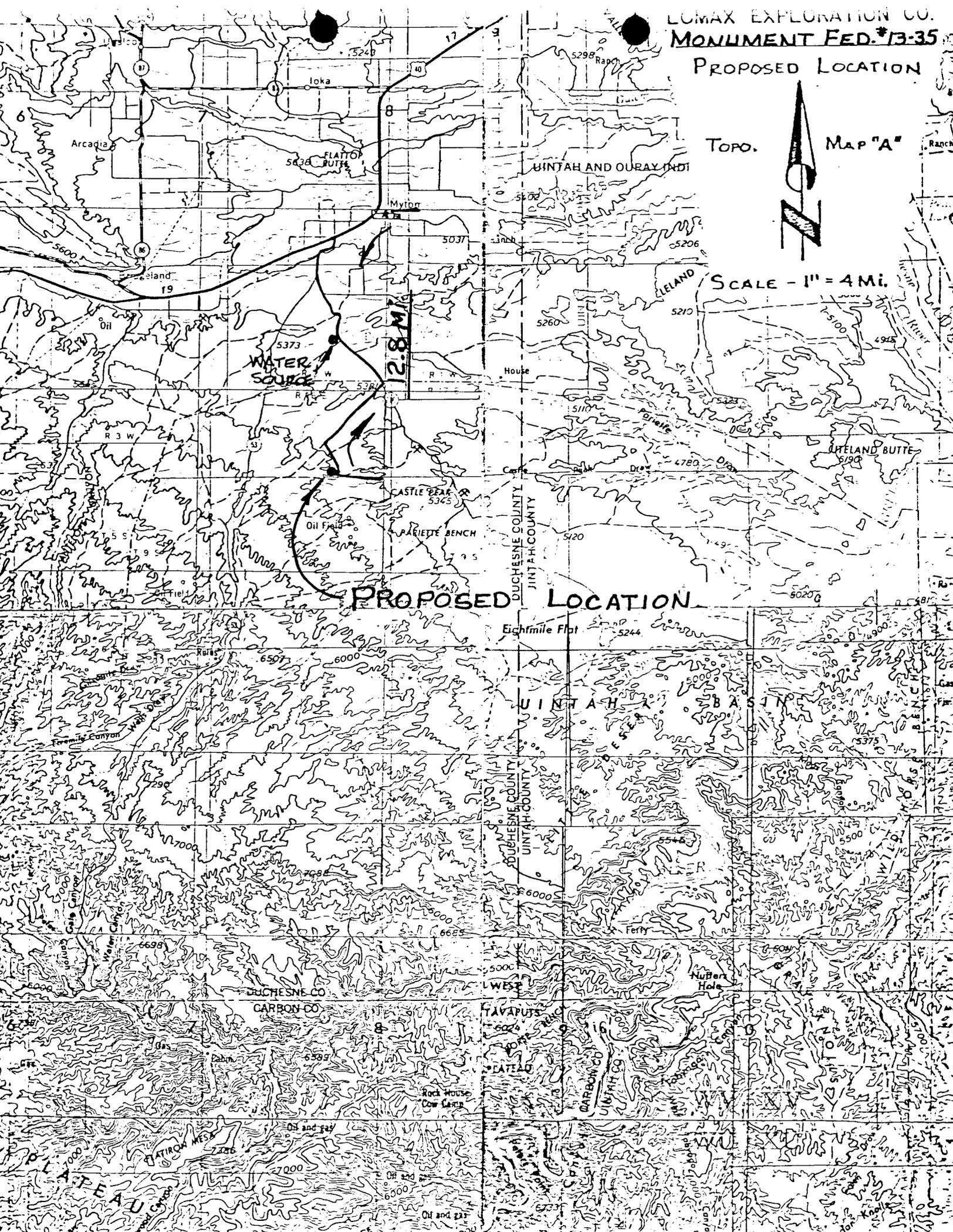
PROPOSED LOCATION

TOPO.

MAP "A"



SCALE - 1" = 4 Mi.



PROPOSED LOCATION

2.8 Mi.

WATER SOURCE

UNTAH BASIN

DUCHESSNE CO.

CARBON CO.

TAVAPUTS

PLATEAU

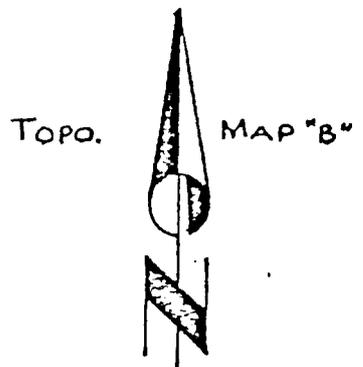
PLATEAU

Oil and gas

Oil and gas

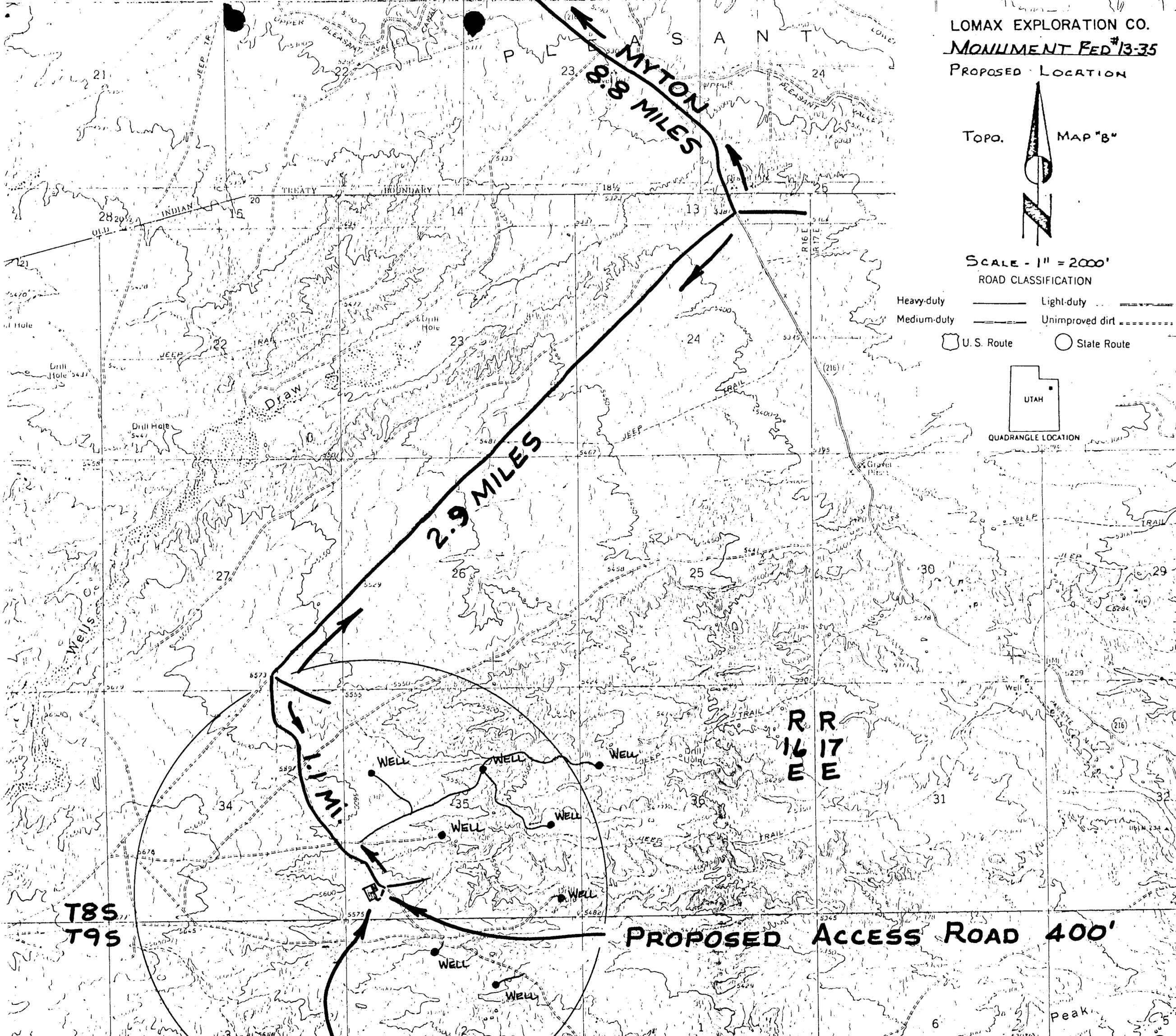
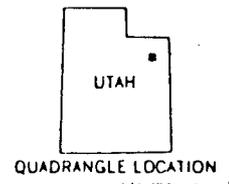
Oil and gas

LOMAX EXPLORATION CO.  
MONUMENT FED #13-35  
PROPOSED LOCATION



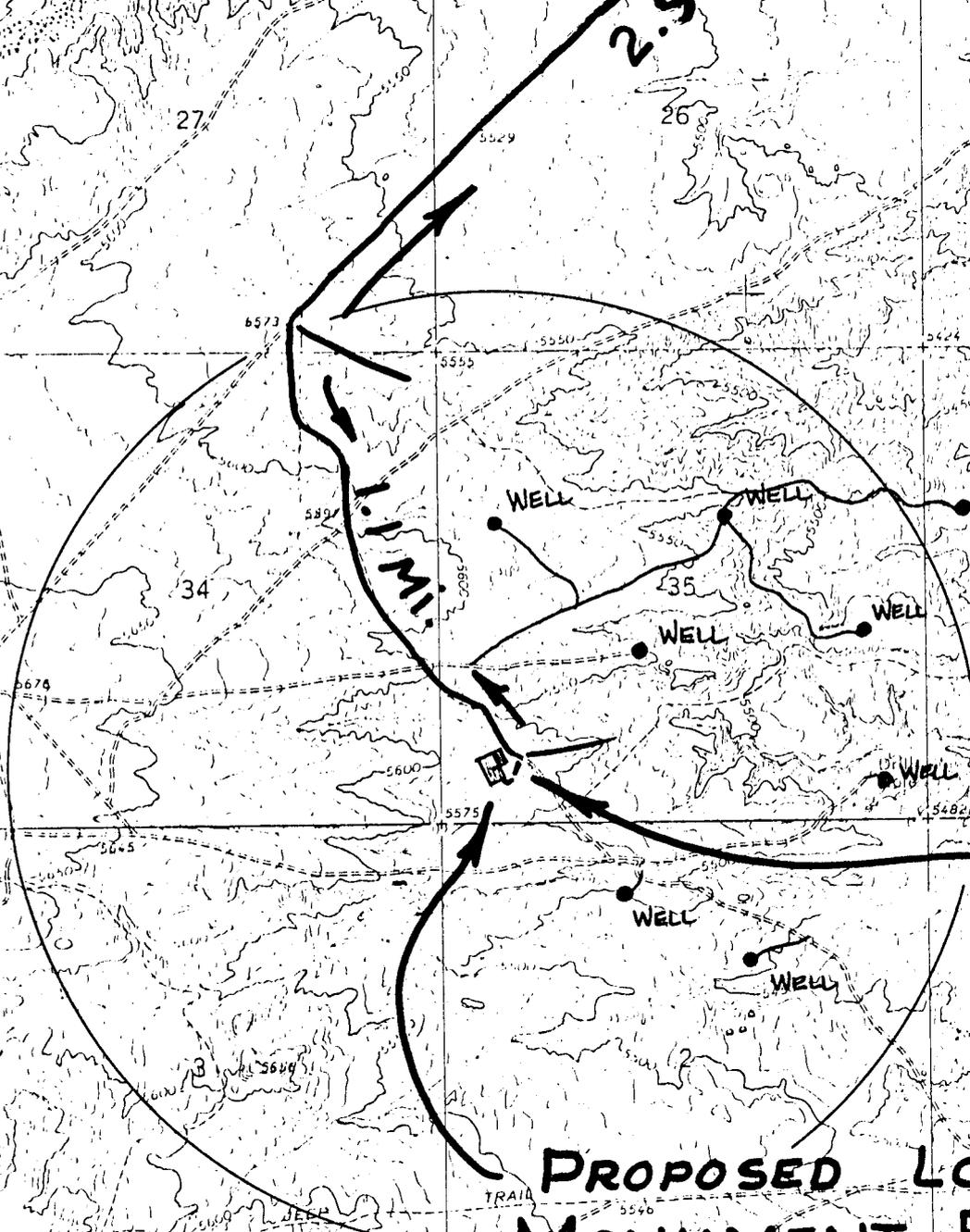
SCALE - 1" = 2000'

- ROAD CLASSIFICATION
- |             |       |                 |       |
|-------------|-------|-----------------|-------|
| Heavy-duty  | ————— | Light-duty      | ----- |
| Medium-duty | ————— | Unimproved dirt | ----- |
- U.S. Route      State Route



T8S  
T9S

PROPOSED ACCESS ROAD 400'



T8S  
T9S

R  
16  
E

R  
17  
E

PROPOSED ACCESS ROAD 400'

PROPOSED LOCATION  
MONUMENT FED. #13-35

Castle Peak

P  
A  
R  
I  
E  
T  
I  
E  
17

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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.  
13-35

10. FIELD AND POOL, OR WILDCAT  
Monument Butte

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

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

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: 592' FWL & 640' FSL                      SW/SW  
 At proposed prod. zone

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)                      640                      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.                      1199                      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

23. 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 TITLE V.P. Drilling & Production DATE 2/22/83

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY E. W. Guynn TITLE District Oil & Gas Supervisor DATE APR 14 1983  
 CONDITIONS OF APPROVAL, IF ANY:

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 0 & 6

Lomax Exploration Company  
Well No. 13-35  
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

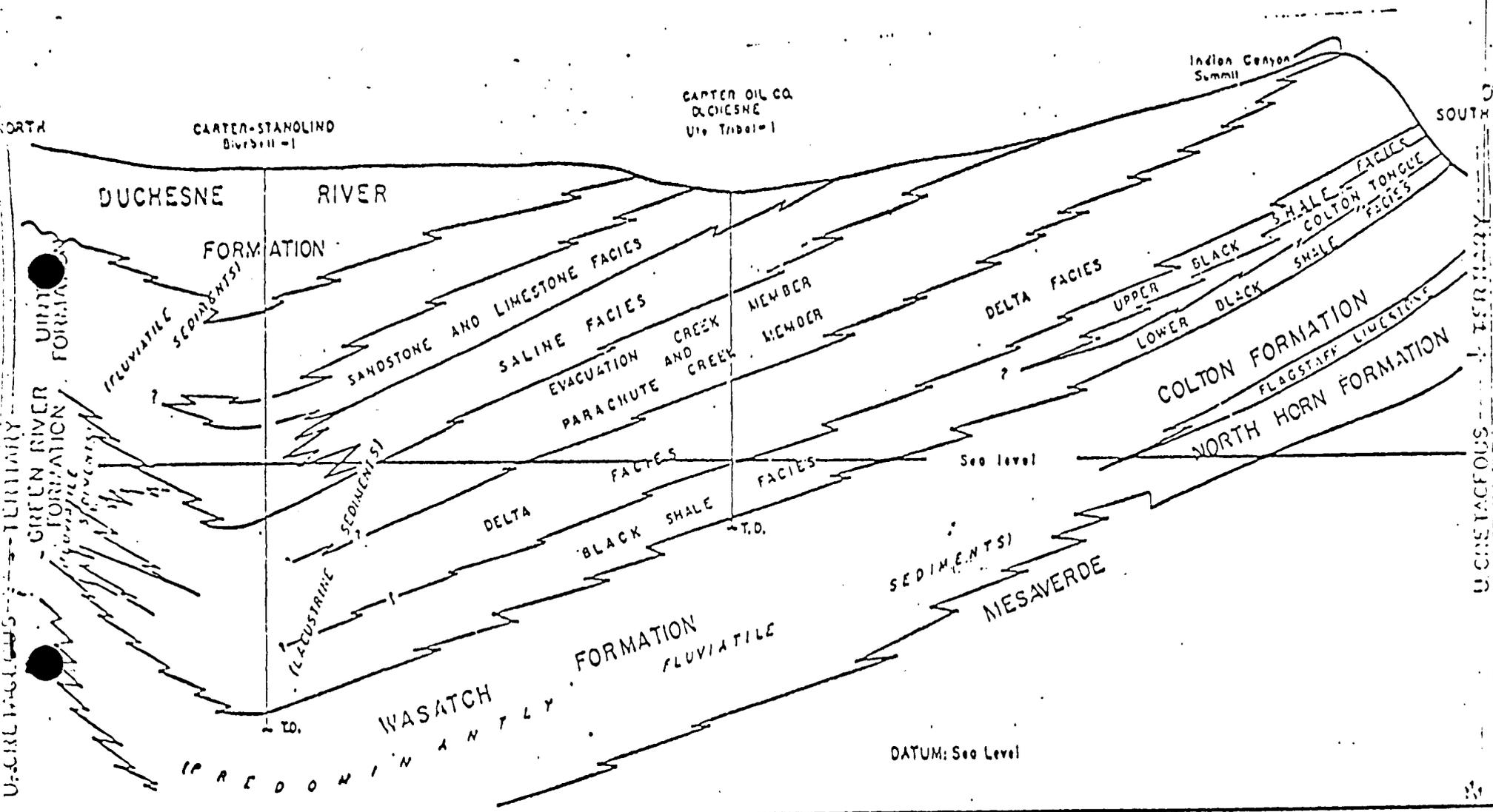
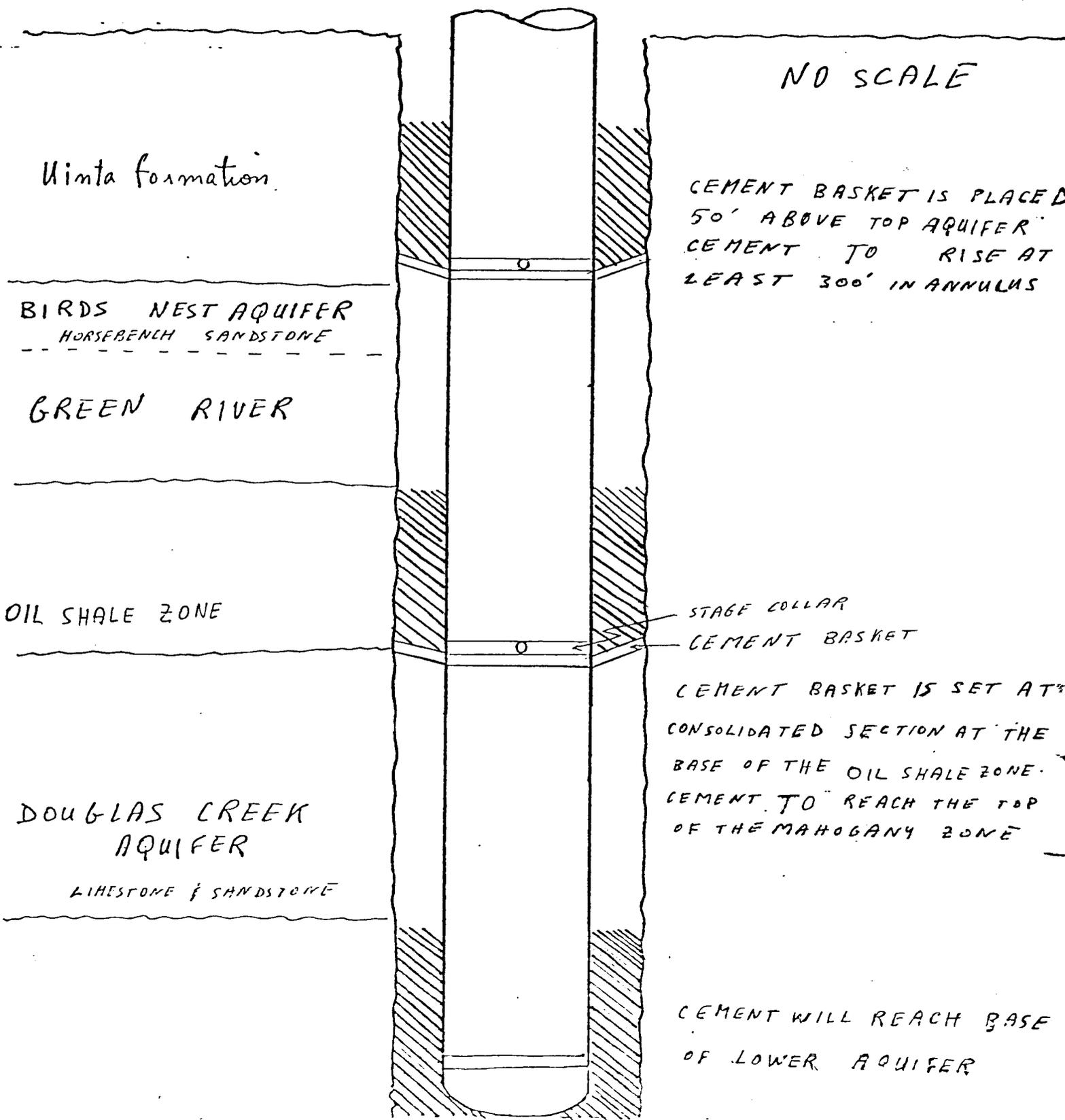


Figure 5.- View east of cross section of Uinta Basin showing stratigraphy and intertonguing of Tertiary rocks. Ute Tribal-1 (in section) is located about 8 miles southeast of the application area.

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



Uinta formation

BIRDS NEST AQUIFER  
HORSEBENCH SANDSTONE

GREEN RIVER

OIL SHALE ZONE

DOUGLAS CREEK AQUIFER

LIMESTONE & SANDSTONE

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

OPERATOR LOMAX EXPLORATION CO DATE 3-2-83

WELL NAME FED 13-35

SEC SW 35 T 8N R 16E COUNTY DUCHEPNE

43-013-30745  
API NUMBER

FED  
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

HL

NID

PI

MAP

PROCESSING COMMENTS:

No wells within 1000'

RSP ✓

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *FEN*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER     NO    

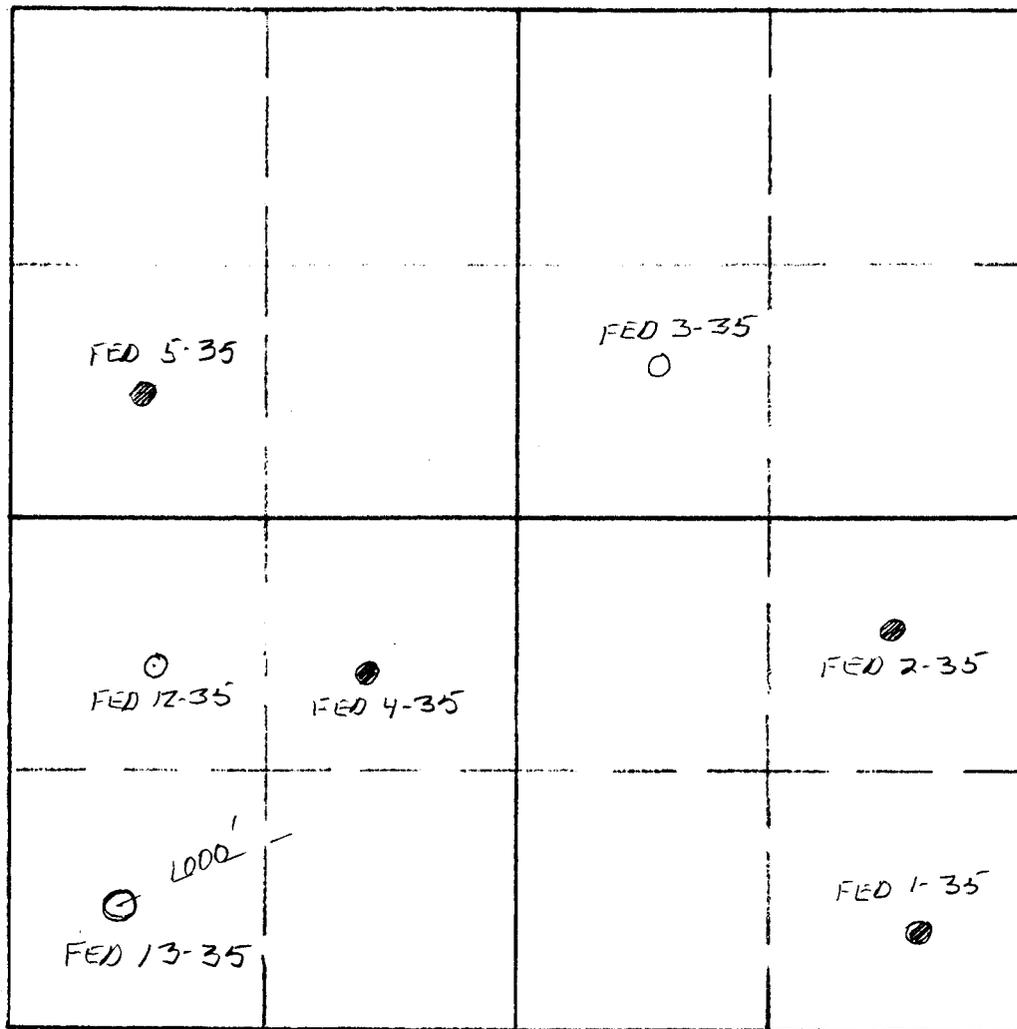
UNIT     NO    

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

POTASH



SCALE 1:1000

SECTION 35  
 TOWNSHIP 85  
 RANGE 16E  
 COUNTY DUCHESSNE

March 2, 1983

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

RE: Well No. Federal 13-35  
SWSW 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 43-013-30745.

Sincerely,

  
Norman C. Stout  
Administrative Assistant

NCS/as  
cc: Oil & Gas Operations  
Enclosure



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 5, 1983

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

Re: See Attached Well Sheet

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

A handwritten signature in cursive script that reads "Claudia Jones".

Claudia Jones  
Well Records Specialist

CJ/cj

Well No. Ute Tribal #11-13  
NE SW Sec. 13, T. 4S, R. 3W.  
1940' FSL, 1980' FWL  
Duchesne County, Utah

Well No. Ute Tribal 1-25  
NE NE Sec. 25, T. 4S, R. 3W.  
661' FNL, 659' FEL  
Duchesne County, Utah

Well No. Federal #13-35<sup>1</sup>  
SW SW Sec. 35, T. 8S, R. 16E.  
640' FSL, 592' FWL  
Duchesne County, Utah

Well No. State #15-36  
SW SE Sec. 36, T. 8S, R. 16E.  
793' FSL, 2133' FEL  
Duchesne County, Utah

Well No. State #15-32  
SW SE Sec. 32, T. 8S, R. 17E.  
800' FSL, 2397' FEL  
Duchesne County, Utah

Well No. Federal #3-1  
SW NE Sec. 1, T. 9S, R. 16E.  
1892' FNL, 1898' FEL  
Duchesne County, Utah

Well No. Federal #4-1  
SW NW Sec. 1, T. 9S, R. 16E.  
1984' FNL, 666' FWL  
Duchesne County, Utah

Well No. State #1A-2  
NE NE Sec. 2, T. 9S, R. 16E.  
646' FNL, 637' FEL  
Duchesne County, Utah

Well No. Federal #1-23  
NE NE Sec. 23, T. 9S, R. 16E.  
638' FNL, 630' FEL  
Duchesne County, Utah

December 22, 1984<sup>s</sup>

RECEIVED  
DEC 27 1984

DIVISION OF  
OIL, GAS & MINING

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

Attention: Ms. Claudia Jones

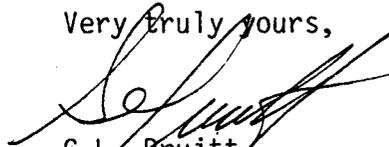
Permits to Drill

Gentlemen:

Please reference your letter dated December 5, 1983 concerning well permits for eight wells which have not been spudded. The Ute Tribal #1-25 and Federal #13-35 are scheduled in our immediate drilling plans. We intend to drill several of the other listed wells during 1984 and would therefore like to maintain an approved permit to drill.

Please let me know if this presents a problem.

Very truly yours,



G.L. Pruitt  
V.P. Drilling & Production

GLP/mt

333 North Belt East • Suite 880 • Houston, Texas 77060 • 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



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 29, 1983

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

Attention: G.L. Pruitt

Well No. Federal #13-35  
API # 43-013-30745  
640' FSL, 592' FWL SW SW  
Sec. 35, T. 8S, R. 16E.  
Duchesne County, Utah

Well No. Ute Tribal #1-25  
API # 43-013-30769  
661' FNL, 659' FEL NE NE  
Sec. 25, T. 4S, R. 3W.  
Duchesne County, Utah

Well No. Federal #1-23  
API #43-013-30660  
Sec. 23, T. 9S, R. 16E.  
Duchesne County, Utah  
638' FNL, 630' FEL NE NE

Gentlemen:

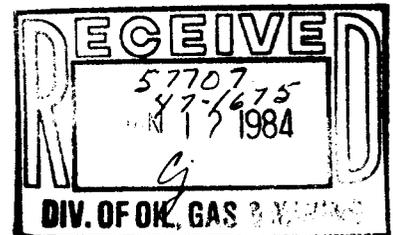
In response to your letter dated December 22, 1983, approval to drill the above wells is extended to March 1, 1984. Prior to spudding, a copy of the Utah Division of Water Rights (801-6071) approval for use or purchase of drilling water must be submitted to this office, otherwise approval is void.

Please refer to our original approval letter of August 23, 1983 for all other conditions of approval.

Thank you for your prompt attention to this matter.

Respectfully,

Norman C. Stout  
Administrative Assistant



NCS/cj

watuskj

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: LOMAX EXPLORATION COMPANY

WELL NAME: MONUMENT FED. 13-35

SECTION SWSW 35 TOWNSHIP 8S RANGE 16E COUNTY DUCHESNE

DRILLING CONTRACTOR TWT

RIG # 56

SPUDDED: DATE 3-28-84

TIME 2:00 PM

HOW Rotary

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

REPORTED BY Jack Pruitt

TELEPHONE # 713-931-9276

DATE 4-2-84 SIGNED AS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

5. LEASE DENOMINATION AND SERIAL NO.

U-16535

6. 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., S., M., OR BLM. 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 DT, RT, GR, etc.)  
See attached sheet.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Construct gas gathering system

(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:

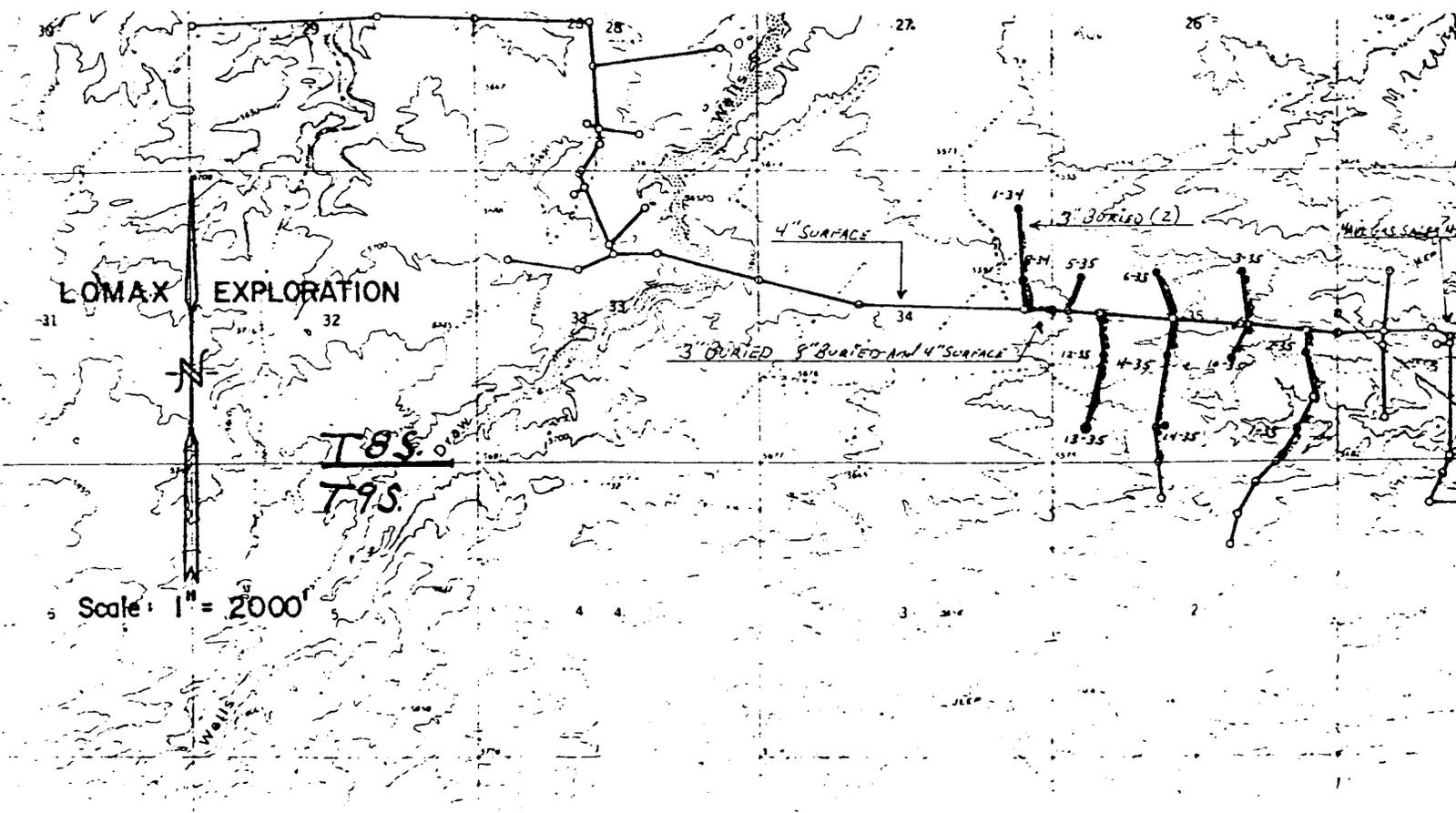
#1-34 - 5585 GR  
#8-34 - 5600 GR  
#1-35 - 5482 GR  
#2-35 - 5515 GR  
#3-35 - 4830 GR  
#4-35 - 5565 GR  
#5-35 - 5584 GR  
#6-35 - 5562 GR  
#10-35 - 5534 GR  
#12-35 - 5580 GR  
#13-35 - 5586 GR  
#14-35 - 5524 GR

LOMAX EXPLORATION



T8S  
T9S

Scale: 1" = 2000'



RECEIVED

June 8, 1984

JUN 11 1984

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

DIVISION OF OIL  
GAS & MINING

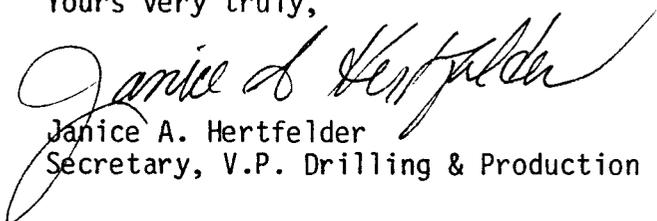
Monument Federal #13-35  
SW/SW Sec 35, T8S, R16E  
Duchesne County, Utah  
WELL COMPLETION REPORT & LOG

Gentlemen:

Please find enclosed the required copies of the Well Completion Report, the Compensated Density, Compensated Neutron Log, Dual Later-log, and Cement Bond Log for the subject well.

If further information is required, please advise.

Yours very truly,

  
Janice A. Hertfelder  
Secretary, V.P. Drilling & Production

JAH/  
Enclosures

cc: State of Utah  
Division of Oil & Gas  
4241 State Office Building  
Salt Lake City, Utah 84114

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved. 7  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

RECEIVED

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 \_\_\_\_\_ JUN 11 1984

2. NAME OF OPERATOR  
Lomax Exploration Company

3. ADDRESS OF OPERATOR  
P.O. Box 4503, Houston, Texas 77429

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 640' FSL & 592 FWL SW SW

At top prod. interval reported below  
At total depth

14. PERMIT NO. 43-013-30745 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.  
#13-35

10. FIELD AND POOL, OR WILDCAT  
Monument Butte

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

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUNDED 3/28/84 16. DATE T.D. REACHED 4/05/84 17. DATE COMPL. (Ready to prod.) 5/08/84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5586' GR 19. ELEV. CASINGHEAD 5586'

20. TOTAL DEPTH, MD & TVD 6400' 21. PLUG. BACK T.D., MD & TVD 5494' 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 4966-82' 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
MSEFL, CDL-CNL, GR-CBL 27. WAS WELL CORRED NO

29. 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#	271' GR	13"	210 sx Class "G" & 2% Cacl	1/4#/sk flocele
5 1/2"	17#	5537' KB	7 7/8"	150 sx Lodense & 300 sx Gypseal	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	5070'	

31. PERFORATION RECORD (Interval, size and number)

4966-70'  
4974-82 (2 shots per foot)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4966-82'	26,050 gal Gelled KCL wtr & 80,900# 20/40 sand.

33.\* PRODUCTION

DATE FIRST PRODUCTION 5/08/84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/28-5/30	72	Open	→	64	119	0	1857

FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
0	0	→	21	39	0	34

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Sold & Used for fuel 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 Paul Curry Paul Curry TITLE Engineering Assistant DATE June 7, 1984

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

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Green River	4958	4982		Douglas Creek	4936	
	5130	5142		Black Shale Facies	5649	
				Basal Green River	6207	
				Wasatch	6400'	

20

RECEIVED

JUN 11 1984

DIVISION OF OIL  
GAS & MINING

June 8, 1984

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

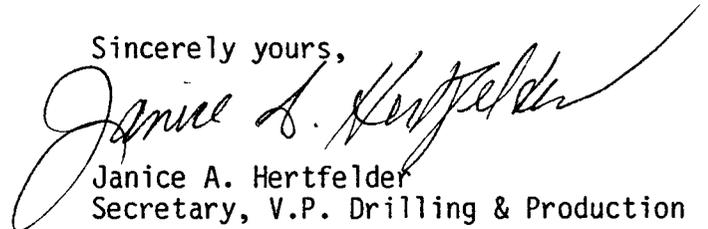
Gentlemen:

Please find enclosed the required copies of the "Report Of  
Water Encountered During Drilling" for the following well:

Monument Federal #13-35  
SW SW Section 35, T8S, R16E  
Duchesne County, Utah

If further information is required, please advise.

Sincerely yours,



Janice A. Hertfelder  
Secretary, V.P. Drilling & Production

JAH  
Enclosures

JUN 1 1984

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
4241 State Office Building  
Salt Lake City, UT 84114

DIVISION OF OIL  
GAS & MINING

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number Monument Federal #13-35  
Operator Lomax Exploration Company Address P.O. Box 4503, Houston, TX 77210  
Contractor TWT Exploration Co. Address P.O. Box 1329, Park City, Utah 84060  
Location SW 1/4 SW 1/4 Sec. 35 T. 8S R. 16E County Duchesne

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	<u>No water encountered</u>			
2.	<u></u>			
3.	<u></u>			
4.	<u></u>			
5.	<u></u>			

(Continue on reverse side if necessary)

Formation Tops    Green River    4958'  
                          Wasatch            6400'

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

June 11, 1984

RECEIVED

JUN 15 1984

DIVISION OF OIL  
GAS & MINING

Mr. Ron Firth  
State of Utah  
Division of Oil & Gas  
4241 State Office Building  
Salt Lake City, Utah 84114

Monument Federal #13-35  
SW SW Sec 35, T8S, R16E  
Duchesne County, Utah

Gentlemen:

Pursuant to Rule C-27 as stated in the Oil & Gas Conservation General Rules and Regulations, we conducted a seventy-two (72) hour test on the subject well in May, 1984.

The results were as follows:

21 BOPD  
39 MCFD  
1857 GOR

This well is within the area of our Monument Butte pipeline however the pipeline is handling maximum capacity. We are currently in the process of upgrading the pipeline and expect to have this well tied in by August 1, 1984. We plan to continue to produce the well and vent the associated gas until that time.

Yours very truly,



G.L. Pruitt  
V.P., Drilling & Production

GLP/jwh

**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**  
SEP 28 1988



DIVISION OF  
OIL, GAS & MINING

September 22, 1988

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 #1-34  
Monument Butte Federal #13-35  
Application for Injection Wells

Gentlemen:

Please find the enclosed original and one copy of the Application for Approval of Injection of the captioned locations. Please note that the required logs should already be on file with the Division. For your information, we have included diagrams of the locations prior to conversion.

If there are any questions or if additional information is required, please contact this office.

Very truly yours,

A handwritten signature in cursive script, appearing to read "John D. Steuble".  
John D. Steuble  
Production Manager

Enclosures

cc: Lomax Exploration  
Roosevelt, UT

**STATE OF UTAH**  
**DIVISION OF OIL, GAS, AND MINING**  
 ROOM 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 (801) 533-5771  
 (RULE 1-5 & RULE 1-4)

FORM NO. DOGM-UIC-1  
 (Revised 1983)

IN THE MATTER OF THE APPLICATION OF  
Lomax Exploration Company  
 ADDRESS 50 West Broadway - Ste #1200  
Salt Lake City, Utah ZIP 84101  
 INDIVIDUAL \_\_\_\_\_ PARTNERSHIP \_\_\_\_\_ CORPORATION   
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
 INJECT FLUID INTO THE #13-35 WELL  
 SEC. 35 TWP. 8S RANGE 16E  
Duchesne COUNTY, UTAH

CAUSE NO. 213-1

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE 1-4)	<input type="checkbox"/>

Lease Name <b>Monument Butte</b>	Well No. <b>#13-35</b>	Field <b>Monument Butte</b>	County <b>Duchesne</b>
Location of Enhanced Recovery <b>529 FWL</b> Injection or Disposal Well <b>640 FSL</b>		Sec. <b>35</b>	Twp. <b>8S</b> Rge. <b>16E</b>
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>When Converted</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>None</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil and Gas
Location of Injection Source(s) <u>SE/4 Sec 15, T4S, R2W</u>		Geologic Name(s) and Depth of Source(s) <u>Surface - Artesian spring</u>	
Geologic Name of Injection Zone <u>Green River</u>		Depth of Injection Interval <u>4966'</u> to <u>4982'</u>	
a. Top of the Perforated Interval: <u>4966'</u>	b. Base of Fresh Water: <u>0</u>	c. Intervening Thickness (a minus b) <u>4966'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
Lithology of Intervening Zones <u>Sandstone, Siltstone, Sales, Limestone, Dolomite</u>			
Injection Rates and Pressures Maximum <u>1200</u> B/D <u>2000 (surface)</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>Reference Exhibit E1</u>			

  
 Production Manager  
 Name and Title of Representative of Company

Date: September 20, 19 88

**EXHIBIT D2**

**LOMAX EXPLORATION COMPANY**

**Application for Approval of Class II  
Injection Wells**

Monument Butte Federal # 1-34

Monument Butte Federal #13-35

September 21, 1988

MONUMENT BUTTE 13-35

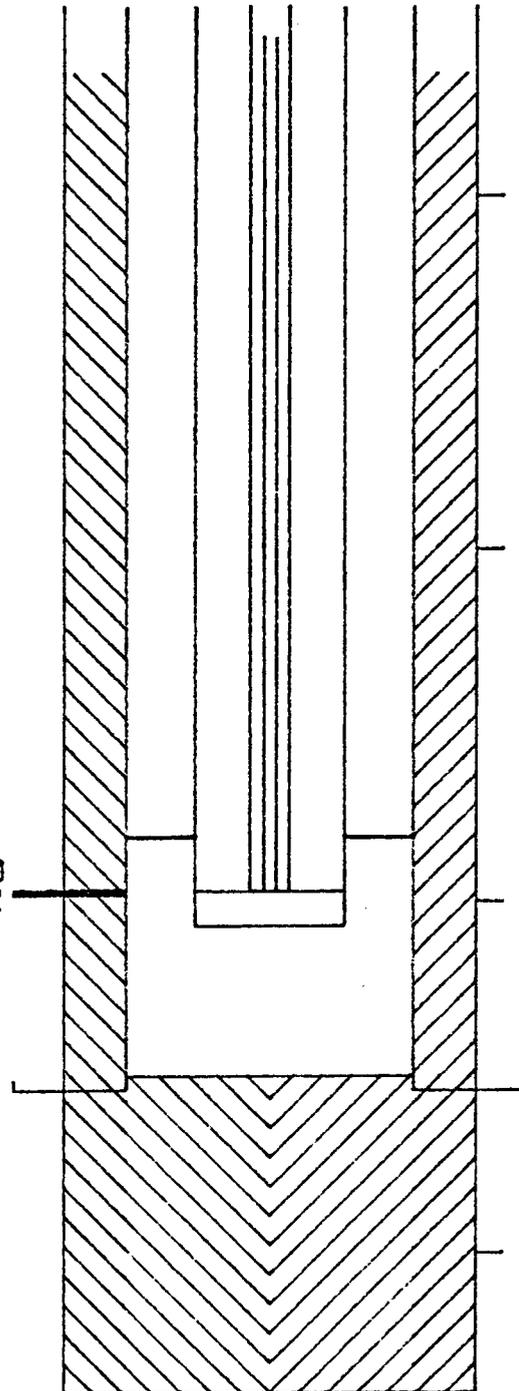
WELL DETAIL

Cement TOP: 2650  
CASING #1: 5 1/2"  
Ø to 5537

TBG 1: 2 7/8" @ 5070  
1.5" PUMP @ 4972

ANCHOR @ 4813  
PBSD: 5494  
TD: 6400

D1 @ 4966 - 4970  
4974 - 4982



22 Sep 1986

**STATE OF UTAH**  
**DIVISION OF OIL, GAS, AND MINING**  
 ROOM 4241 STATE OFFICE BUILDING  
 SALT LAKE CITY, UTAH 84114  
 (801) 533-5771  
 (RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1  
 (Revised 1983)

IN THE MATTER OF THE APPLICATION OF  
Lomax Exploration Company  
 ADDRESS 50 West Broadway - Ste #1200  
Salt Lake City, Utah ZIP 84101  
 INDIVIDUAL  PARTNERSHIP  CORPORATION   
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
 INJECT FLUID INTO THE #13-35 WELL  
 SEC. 35 TWP. 8S RANGE 16E  
Duchesne COUNTY, UTAH

CAUSE NO. 213-1

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>
LP GAS STORAGE	<input type="checkbox"/>
EXISTING WELL (RULE I-4)	<input type="checkbox"/>

Lease Name <b>Monument Butte</b>	Well No. <b>#13-35</b>	Field <b>Monument Butte</b>	County <b>Duchesne</b>
Location of Enhanced Recovery Injection or Disposal Well <u>529 FWL</u> <u>640 FSL</u>		Sec. <u>35</u>	Twp. <u>8S</u> Rge. <u>16E</u>
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input type="checkbox"/> No <input type="checkbox"/> Date <u>When Converted</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>None</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil and Gas
Location of Injection Source(s) <u>SE/4 Sec 15, T4S, R2W</u>		Geologic Name(s) and Depth of Source(s) <u>Surface - Artesian spring</u>	
Geologic Name of Injection Zone <u>Green River</u>		Depth of Injection Interval <u>4966'</u> to <u>4982'</u>	
a. Top of the Perforated Interval: <u>4966'</u>	b. Base of Fresh Water: <u>0</u>	c. Intervening Thickness (a minus b) <u>4966'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
Lithology of Intervening Zones <u>Sandstone, Siltstone, Sales, Limestone, Dolomite</u>			
Injection Rates and Pressures Maximum <u>1200</u> B/D <u>2000 (surface)</u> PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. <u>Reference Exhibit E1</u>			

  
 Production Manager  
 Name and Title of Representative of Company

Date: September 20, 19 88

**EXHIBIT D2**

(OVER)

**INSTRUCTIONS**

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s) and surface owner(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of the well. (See Rule I-5(b)(3).
6. If the application is for a NEW well the original and two (2) copies of the application and two (2) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehole within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. Form DOGM-UIC-3b must be filed by January 31st each year for all injection or disposal wells.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

Reference Exhibit F2

**CASING AND TUBING DATA**

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface					
Intermediate					
Production					
Tubing			Name - Type - Depth of Tubing Packer		
Total Depth	Geologic Name - Inj. Zone		Depth - Top of Inj. Interval		Depth - Base of Inj. Interval

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS**  
Section V - Rule 501

- a) 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.
- b) A petition 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:

1. The name and address of the operator of the project;

**Answer:** Lomax Exploration Company  
50 West Broadway  
Suite 1200  
Salt Lake City, UT 84101

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 radius of the project area;

**Answer:** Reference Exhibit A.

3. A full description of the particular operation for which approval is requested;

**Answer:** Water Injection

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

**Answer:** The proposed injection wells currently produce or have produced oil and gas from the Green River Formation fluvial, lenticular, calcareous sandstones.

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

**Answer:** The Green River Formation pool targeted for injection is the "D" sand with a gamma ray derived top as follows:

Federal # 1-34 @ 5040'  
Federal #13-35 @ 4966'

The injection zone is a porous and permeable lenticular calcareous sandstone. The porosity of the sandstone is intergranular. The confining impermeable stratum directly above and below the injection zone is composed of tight, moderately calcareous lacustrine shales.

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

**Answer:** Reference logs currently on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

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

**Answer:** The source of the injected water will initially be an artisan spring located in the SE/4 Sec. 15, T4S, R2W. When an appreciable amount of produced water is available, it shall be reinjected. Maximum injection rate 1200 BWPD per well.

8. A list of all operators or owners and surface owners within a one-half mile radius of the proposed project;

**Answer:** Reference Exhibit B.

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;

**Answer:** Reference Exhibit C.

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

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING  
WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS**  
Section V - Rule 502

- a) Injection wells 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.
- b) The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:

**Answer:** Reference Exhibits D1 and D2.

- 1. A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed well, 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;

**Answer:** Reference Exhibits E1 and E2.

- 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;

**Answer:** Reference logs currently on file with the Utah Division of Oil, Gas & Mining & Bureau of Land Management.

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

**Answer:** Reference logs currently on file with the Utah Division of Oil, Gas & Mining & Bureau of Land Management.

- 4. Copies of logs already on file with the Division should be referenced, but need not to be refiled;

**Answer:** Reference logs currently on file with the Utah Division of Oil, Gas & Mining and Bureau of Land Management.

- 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;

**Answer:** Reference Exhibits F1 and F2.

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

**Answer:** Reference Rule 501(b-7).



confining the injection zone is composed of tight, moderately calcareous sandy lacustrine shales. All of the confining strata is impermeable and it will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

**Answer:** The injection system will be equipped with high and low pressure shut-down devices which will automatically shut-in injection waters if a system blockage or leakage occurs. One way check valves will also insure proper flow management. Relief valves will also be utilized for high pressure relief.

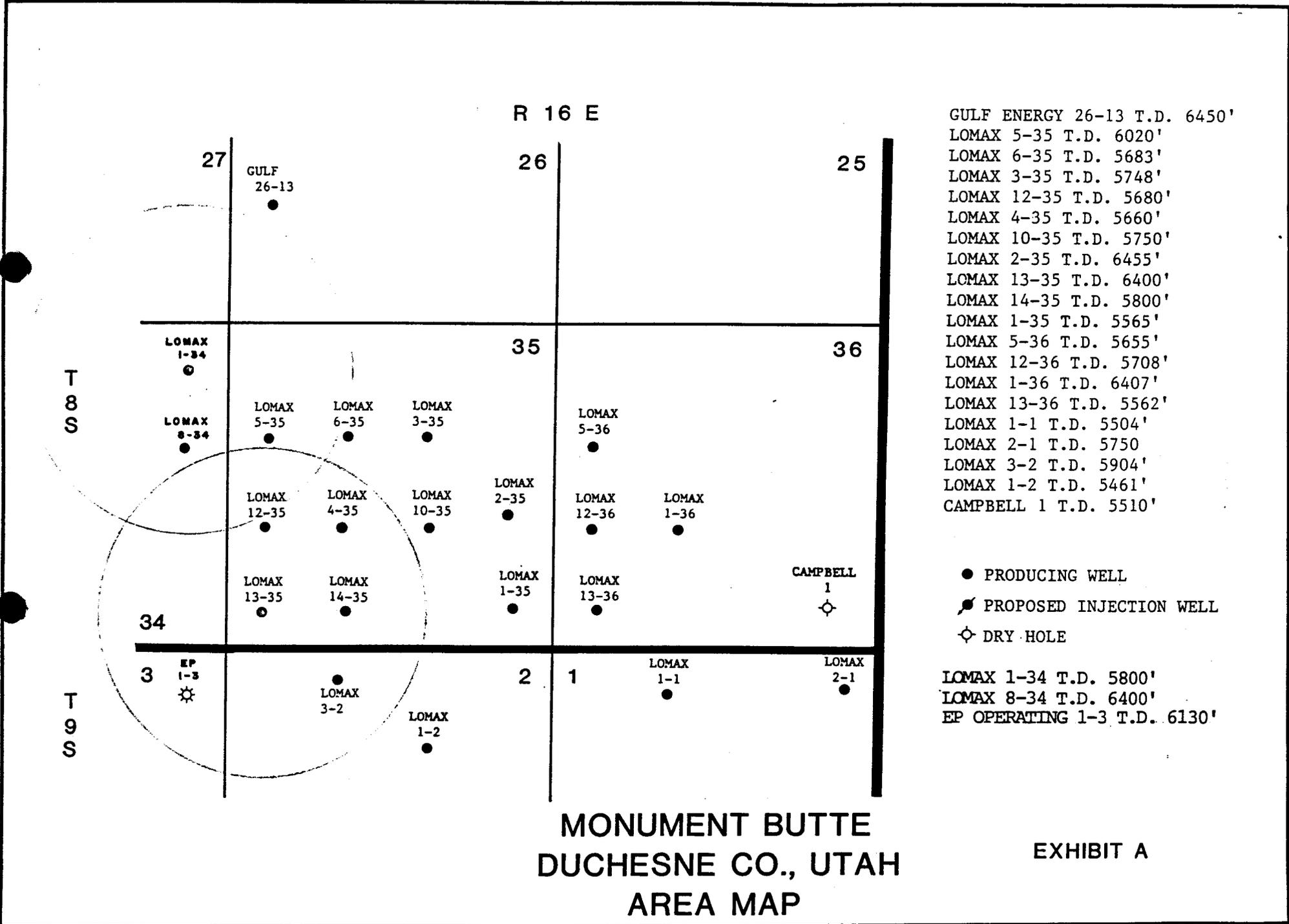
12. An affidavit certifying that a copy of the application has been provided to all operators, owners, and surface owners within a one-half mile radius of the proposed injection well;

**Answer:** Reference Rule 501(b-9).

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

**Answer:** Lomax Exploration will await review of this application and additional information will be submitted if required.

- c) Applications for injection wells which are within a recovery project area will be considered for approval:
  1. Pursuant to Rule 501(c)
  2. Subsequent to Board approval of a recovery project pursuant to Rule 501(a)
- d) Approval of an injection well is subject to the requirements of Rule 504, if the proposed injection interval can be classified as an USDW.
- e) In addition to the requirements of this section, the provisions of Rule 301 - Requirements for Bonding, Rule 303-Application for Permit to Drill (APD), Rule 315 - Plugging and Abandonment of Wells, Rule 319 - Reporting of Undesirable Events, Rule 802 - Underground Injection Control (UIC) report forms and Rule 816 - Underground Injection Control - General Monitoring and Reporting Requirements shall apply to all Class II injection wells.



GULF ENERGY 26-13 T.D. 6450'  
 LOMAX 5-35 T.D. 6020'  
 LOMAX 6-35 T.D. 5683'  
 LOMAX 3-35 T.D. 5748'  
 LOMAX 12-35 T.D. 5680'  
 LOMAX 4-35 T.D. 5660'  
 LOMAX 10-35 T.D. 5750'  
 LOMAX 2-35 T.D. 6455'  
 LOMAX 13-35 T.D. 6400'  
 LOMAX 14-35 T.D. 5800'  
 LOMAX 1-35 T.D. 5565'  
 LOMAX 5-36 T.D. 5655'  
 LOMAX 12-36 T.D. 5708'  
 LOMAX 1-36 T.D. 6407'  
 LOMAX 13-36 T.D. 5562'  
 LOMAX 1-1 T.D. 5504'  
 LOMAX 2-1 T.D. 5750'  
 LOMAX 3-2 T.D. 5904'  
 LOMAX 1-2 T.D. 5461'  
 CAMPBELL 1 T.D. 5510'

- PRODUCING WELL
- ⊙ PROPOSED INJECTION WELL
- ◇ DRY HOLE

LOMAX 1-34 T.D. 5800'  
 LOMAX 8-34 T.D. 6400'  
 EP OPERATING 1-3 T.D. 6130'

**MONUMENT BUTTE  
 DUCHESNE CO., UTAH  
 AREA MAP**

EXHIBIT A

**EXHIBIT B**

Page 1

Tract	Description of Lands	Minerals Ownership	Minerals Leased by	Surface Federal or State # & Expires	Grazing Rights Leased by
1	T8S-R16E Sec 22, Lot 1, NE/NW, S/2 NW SE/4 Sec 23, SW/4 Sec 26, N/2 Sec 27, NE/4, S/2 NW N/2 S/2 Sec 34, SW/4	USA	Amerada Hess Chorney Oil Lomax Exploration LOEX Properties, 1984 LTD.	U-47171 09/01/91	Elmer Moon
2	T8S-R16E Sec 26, N/2 S/2 S/2 SW/4	USA	Apache Corporation Darrell Hadden Jack Pennell Matthew Rohret Seattle 1st Nat'l Bank	U-34346 Held by Production	Elmer Moon
3	T8S-R16E Sec 29, S/2 S/2 Sec 34, NW/4, SW/SE	USA	Lee Martin James Fischgrund Merit Exploration Arden Anderson Thomas Battle Davis Brothers Jack Edwards NKS Petroleum, Inc. Anton Meduna Lomax Oil & Gas Co. Lomax Exploration Co.	U-62848 Held by Production	Elmer Moon

EXHIBIT B  
Page 2

Tract	Description of Lands	Minerals Ownership	Minerals Leased by	Federal or State # & Expires	Surface Grazing Rights Leased by
4	T8S-R16E Sec 34, E/2 E/2 W/2 NE/4, NW/SE Sec 35, All	USA	Lee Martin James Fischgrund WHJ Exploration Co. Estate W.S. Dumas, Jr. Thomas Battle Anton Meduna Arden Anderson Edwards & Davis Energy Robison Energy Jerry Robison Gary Womack A.W. Robison Walker Energy Lomax Oil & Gas Co. Lomax Exploration Co.	U 16535 Held by Production	Elmer Moon
5	T9S-R16E Sec 3, NE/4	USA	EP Operating	U-47172 Held by Production	Elmer Moon
6	T9S-R16E Sec 2, All	USA	Lee Martin James Fischgrund WHJ Exploration Co. Estate W.S. Dumas, Jr. Thomas Battle Anton Meduna Arden Anderson Edwards & Davis Energy Robison Energy Jerry Robison Gary Womack A.W. Robison Walker Energy Lomax Oil & Gas Co. Lomax Exploration Co.	ML-21839 Held by Production	Elmer Moon

September 21, 1988

RE: Application for Approval of Class II Injection Wells  
Monument Butte Federal #1-34  
Monument Butte Federal #13-35

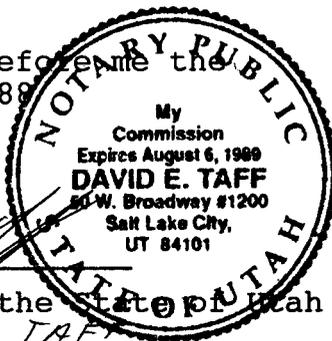
I certify that a copy of the application has been provided to all operators, owners, and surface owners within a one-half mile radius of the proposed injection wells.

Reference Exhibits A and II.



LOMAX EXPLORATION COMPANY  
by John D. Steuble, Production Manager

Sworn to and subscribed before me the  
20th day of December 1988



  
Notary Public in and for the State of Utah  
Printed name: DAVID E. TAFF  
My Commission Expires: 8/6/89

EXHIBIT C

R 16 E

27

SURFACE RIGHTS: USA  
LESSEE: E. MOON  
(GRAZING RIGHTS ONLY)

GULF  
26-13

SURFACE OWNER: USA  
LESSEE: E. MOON  
(GRAZING RIGHTS ONLY)

26

25

GULF ENERGY 26-13 T.D. 6450'  
LOMAX 5-35 T.D. 6020'  
LOMAX 6-35 T.D. 5683'  
LOMAX 3-35 T.D. 5748'  
LOMAX 12-35 T.D. 5680'  
LOMAX 4-35 T.D. 5660'  
LOMAX 10-35 T.D. 5750'  
LOMAX 2-35 T.D. 6455'  
LOMAX 13-35 T.D. 6400'  
LOMAX 14-35 T.D. 5800'  
LOMAX 1-35 T.D. 5565'  
LOMAX 5-36 T.D. 5655'  
LOMAX 12-36 T.D. 5708'  
LOMAX 1-36 T.D. 6407'  
LOMAX 13-36 T.D. 5562'  
LOMAX 1-1 T.D. 5504'  
LOMAX 2-1 T.D. 5750'  
LOMAX 3-2 T.D. 5904'  
LOMAX 1-2 T.D. 5461'  
CAMPBELL 1 T.D. 5510'

T  
8  
S

LOMAX  
1-34

SURFACE OWNER: USA  
LESSEE: E. MOON  
(GRAZING RIGHTS ONLY)

35

36

LOMAX  
8-34

SURFACE OWNER: USA  
LESSEE: E. MOON  
(GRAZING RIGHTS ONLY)

LOMAX  
5-35

LOMAX  
6-35

LOMAX  
3-35

LOMAX  
5-36

LOMAX  
12-35

LOMAX  
4-35

LOMAX  
10-35

LOMAX  
2-35

LOMAX  
12-36

LOMAX  
1-36

● PRODUCING WELL  
◐ PROPOSED INJECTION WELL  
◇ DRY HOLE

34

LOMAX  
13-35

LOMAX  
14-35

LOMAX  
1-35

LOMAX  
13-36

CAMPBELL  
1

T  
9  
S

3

EP  
1-3  
☼

SURFACE RIGHTS: USA  
LESSEE: E. MOON  
(GRAZING RIGHTS ONLY)

2

LOMAX  
3-2

LOMAX  
1-2

SURFACE RIGHTS: USA  
LESSEE: E. MOON  
(GRAZING RIGHTS ONLY)

1

LOMAX  
1-1

LOMAX  
2-1

MONUMENT BUTTE  
DUCHESNE CO., UTAH  
SURFACE RIGHTS

EXHIBIT E1

LOMAX 1-34 T.D. 5800'  
LOMAX 8-34 T.D. 6400'  
EP OPERATING 1-3 T.D. 6130'

R 16 E

25

36

27

35

U-47171  
O&G LEASE

1

GULF  
26-13

U-34346  
O&G LEASE

2

U-62848  
O&G LEASE

3

LOMAX  
1-34

U-16535  
O&G LEASE

4

ML-26061  
O&G LEASE

T  
8  
S

LOMAX  
8-34

LOMAX  
5-35

LOMAX  
6-35

LOMAX  
3-35

LOMAX  
5-36

LOMAX  
12-35

LOMAX  
4-35

LOMAX  
10-35

LOMAX  
2-35

LOMAX  
12-36

LOMAX  
1-36

3

LOMAX  
13-35

LOMAX  
14-35

LOMAX  
1-35

LOMAX  
13-36

CAMPBELL  
1

T  
9  
S

5

U-47172  
O&G LEASE

EP  
1-3

LOMAX  
3-2

6

ML-23139  
O&G LEASE

LOMAX  
1-2

1

LOMAX  
1-1

LOMAX  
2-1

GULF ENERGY 26-13 T.D. 6450'  
 LOMAX 5-35 T.D. 6020'  
 LOMAX 6-35 T.D. 5683'  
 LOMAX 3-35 T.D. 5748'  
 LOMAX 12-35 T.D. 5680'  
 LOMAX 4-35 T.D. 5660'  
 LOMAX 10-35 T.D. 5750'  
 LOMAX 2-35 T.D. 6455'  
 LOMAX 13-35 T.D. 6400'  
 LOMAX 14-35 T.D. 5800'  
 LOMAX 1-35 T.D. 5565'  
 LOMAX 5-36 T.D. 5655'  
 LOMAX 12-36 T.D. 5708'  
 LOMAX 1-36 T.D. 6407'  
 LOMAX 13-36 T.D. 5562'  
 LOMAX 1-1 T.D. 5504'  
 LOMAX 2-1 T.D. 5750'  
 LOMAX 3-2 T.D. 5904'  
 LOMAX 1-2 T.D. 5461'  
 CAMPBELL 1 T.D. 5510'

- PRODUCING WELL
- ⊙ PROPOSED INJECTION WELL
- ◇ DRY HOLE

LOMAX 1-34 T.D. 5800'  
 LOMAX 8-34 T.D. 6400'  
 EP OPERATING 1-3 T.D. 6130'

WATERFLOOD UNIT  
 BOUNDARY  
 #UT080P49-88U680

MONUMENT BUTTE  
 DUCHESNE CO., UTAH  
 MINERAL RIGHTS

EXHIBIT E2

MONUMENT BUTTE FED. #1-34  
 PROPOSED WATER INJECTION WELL  
 NENE SEC. 35, T8S, R16E  
 DUCHESNE COUNTY, UTAH

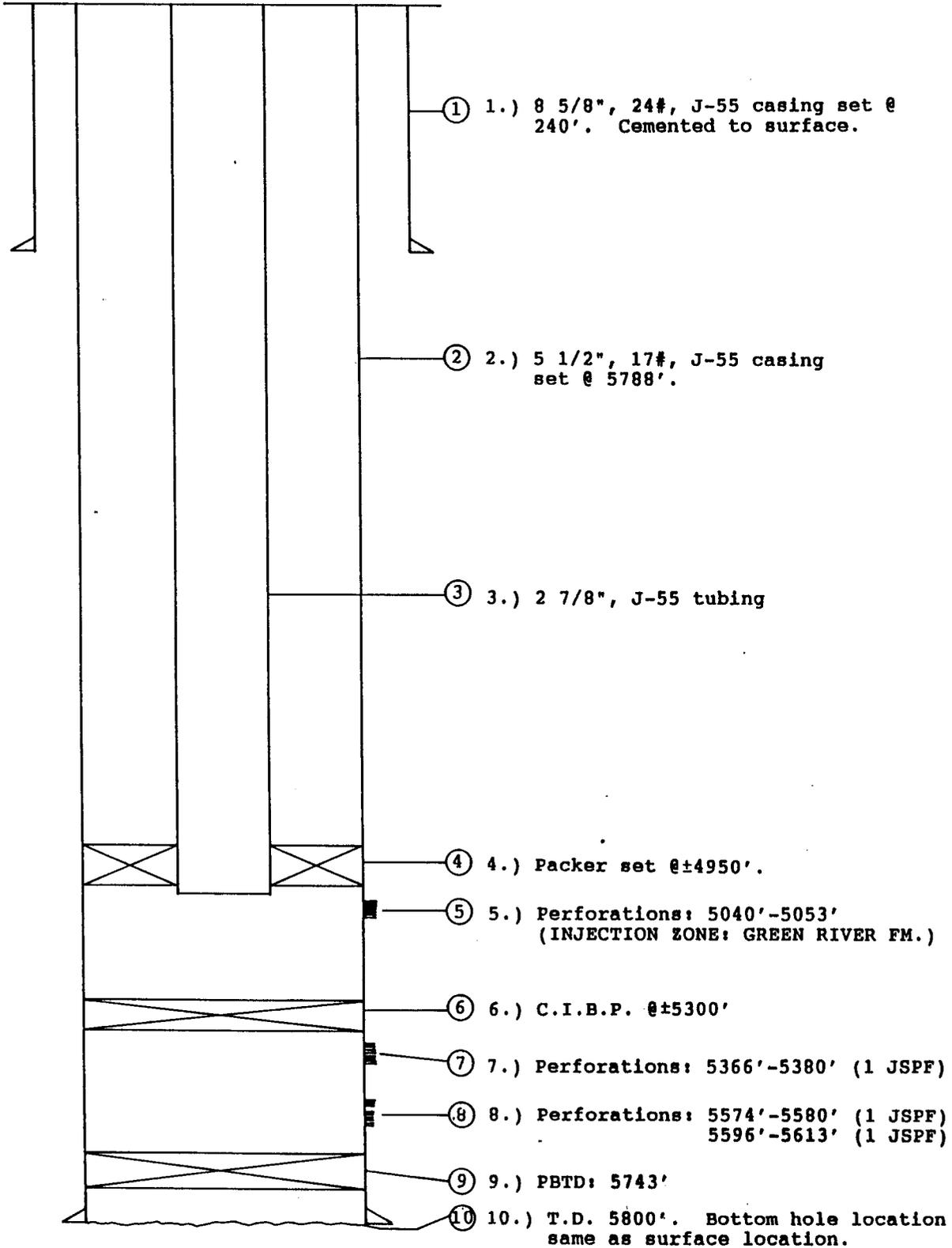


EXHIBIT F1

-----  
 VISCO Water Analysis

Prepared for Lomax Exploration  
 Salt Lake City, UT

Greg Pettine  
 NALCO Chemical Company  
 10-Jan-85

Well Number : 1-34  
 Water Source : Produced  
 -----

DISSOLVED SOLIDS  
 =====

Cations	Mq/l	Meq/l		Mq/l
=====	=====	=====		=====
Sodium Na+	9,447.28	410.75	as NaCl	
Calcium Ca++	136.00	6.80	as CaCO3	340.00
Magnesium Mg++	24.30	2.00	as CaCO3	100.00
Barium Ba++			as CaCO3	
-----				
Total Cations	9,607.58	419.55		

Anions	Mq/l	Meq/l		Mq/l
=====	=====	=====		=====
Chloride Cl-	14,568.00	410.82	as NaCl	24,000.00
Sulfate SO4=	121.68	2.53	as Na2SO4	180.00
Carbonate CO3=			as CaCO3	
Bicarb. HCO3-	378.20	6.20	as CaCO3	310.00
-----				
Total Anions	15,067.88	419.55		

Total Solids	24,675.46			
Total Iron, Fe	8.00		as Fe	8.00
Acid to Phen, CO2			as CaCO3	

OTHER PROPERTIES  
 =====

pH	8.00
Specific Gravity	
Turbidity	
Oxygen, as O2 ppm	
Sulfide as H2S ppm	
Temperature F	

STABILITY INDICES  
 =====

Temp	CaCO3	CaSO4
60 F	0.31	-42.17
80 F	0.51	-42.59
100 F	0.74	-42.78
120 F	0.99	-43.30
140 F	1.28	-42.98
160 F	1.59	-42.36
180 F	1.93	-41.00

EXHIBIT G1



**Jetco  
Chemicals,  
Inc.**

**EXHIBIT G3**

A Procter & Gamble Co.

P.O. BOX 1898  
OFFICE: 214/872-3011

CORSICANA, TEXAS 75110  
PLANT: 214/874-3706  
(U.S.): 800/527-2510

TWX: 910/860-5100  
(TX) 800/442-6261

**WATER ANALYSIS REPORT**

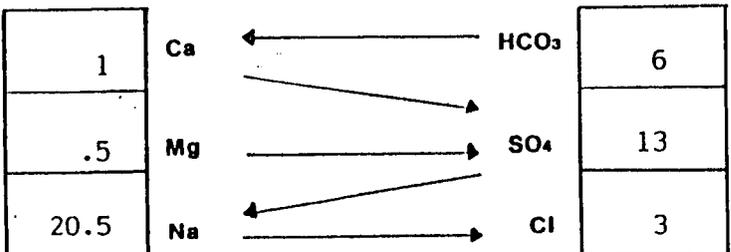
COMPANY Lomax Exploration ADDRESS Roosevelt, UT. DATE: 7-30-87

SOURCE Joe Shields Pond DATE SAMPLED 7-27-87 ANALYSIS NO. \_\_\_\_\_

Analysis	Mg/l (ppm)	*Meq/l
1. pH	8.0	
2. H <sub>2</sub> S (Qualitative)	0	
3. Specific Gravity	1.001	
4. Dissolved Solids	1563	
5. Suspended Solids		
6. Anaerobic Bacterial Count		C/ML
7. (Phenolphthalein) Alkalinity (CO <sub>3</sub> )		
8. (Methyl Orange) Alkalinity (HCO <sub>3</sub> )	290	
9. Bicarbonate (HCO <sub>3</sub> )	HCO <sub>3</sub> 354	+81 6 HCO <sub>3</sub>
10. Sulfates (SO <sub>4</sub> )	SO <sub>4</sub> 106	+48 3 Cl
11. Chlorides (Cl)	Cl 600	+35.5 13 SO <sub>4</sub>
12. Calcium (Ca)	Ca 14	+20 1 Ca
13. Magnesium (Mg)	Mg 6	+12.2 .5 Mg
14. Total Hardness (CaCO <sub>3</sub> )	60	
15. Total Iron (Fe)	.8	
16. Barium (Ba)		
17. Phosphate Residuals		

\*Milli equivalents per liter

**PROBABLE MINERAL COMPOSITION**



Compound	Eq. Wt.	X	Meq/l	=	Mg/l
Ca (HCO <sub>3</sub> ) <sub>2</sub>	81.04		1		81
Ca SO <sub>4</sub>	68.07				
Ca Cl <sub>2</sub>	55.50				
Mg (HCO <sub>3</sub> ) <sub>2</sub>	73.17		.5		37
Mg SO <sub>4</sub>	60.19				
Mg Cl <sub>2</sub>	47.62				
Na HCO <sub>3</sub>	84.00		4.5		378
Na SO <sub>4</sub>	71.03		13		923
Na Cl	58.46		3		175

Saturation Values	Distilled Water 20°C
Ca CO <sub>3</sub>	13Mg/l
Ca SO <sub>4</sub> · 2H <sub>2</sub> O	2,090 Mg/l
Mg CO <sub>3</sub>	103 Mg/l

REMARKS \_\_\_\_\_

MONUMENT BUTTE FED. #13-35  
PROPOSED WATER INJECTION WELL  
SWSW SEC. 35, T8S, R16E  
DUCHESNE COUNTY, UTAH

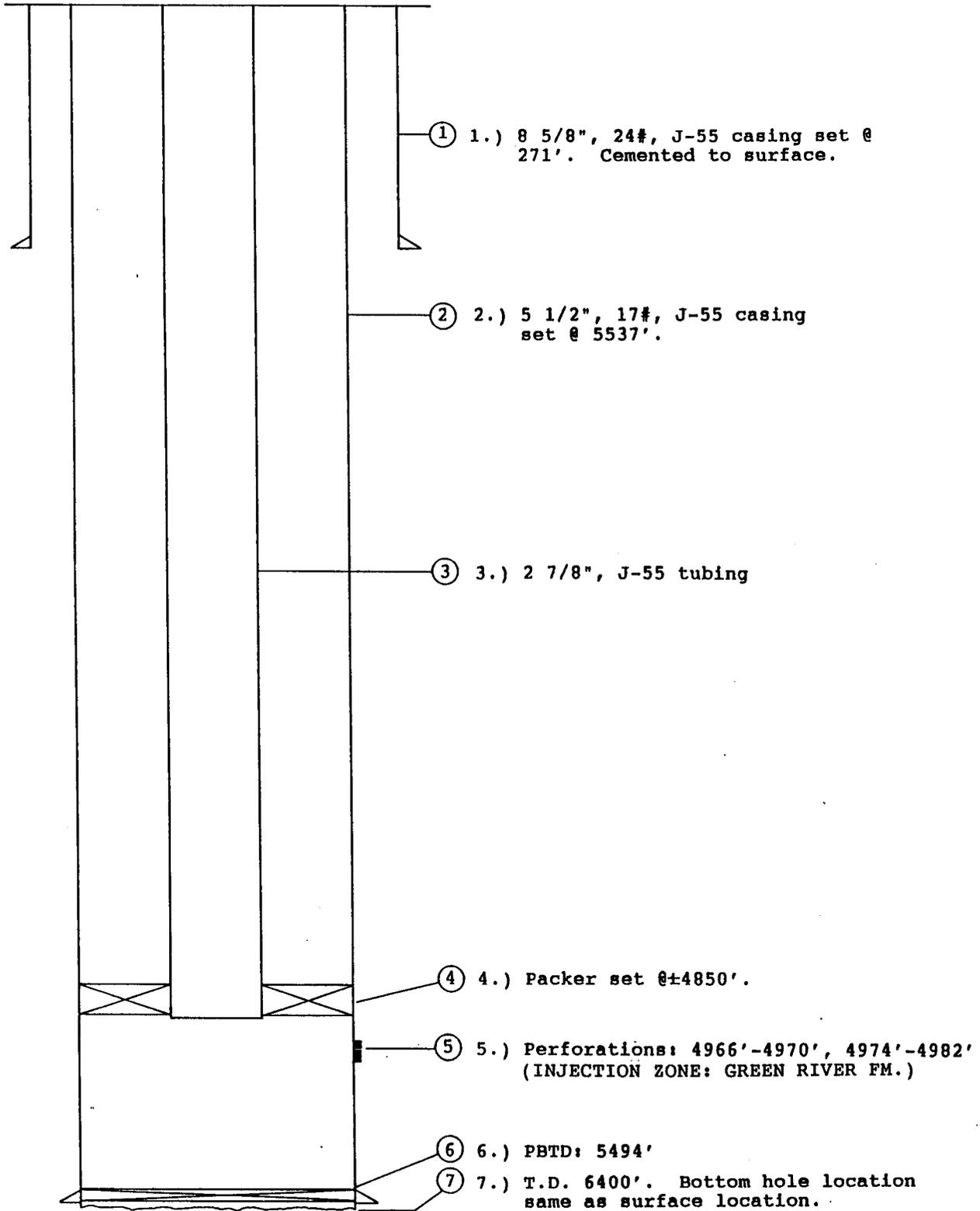


EXHIBIT F2

-----  
 VISCO WATER ANALYSIS

PREPARED FOR LOMAX EXPLORATION  
 ROOSEVELT, UTAH

GREG PETTINE  
 NALCO CHEMICAL COMPANY  
 12-FEB-85

WELL NUMBER : 13-35  
 WATER SOURCE : PRODUCED  
 -----

DISSOLVED SOLIDS  
 =====

CATIONS	MG/L	MEQ/L		MG/L
=====	=====	=====		=====
SODIUM NA+	4,434.11	192.79	AS NACL	
CALCIUM CA++	64.00	3.20	AS CaCO3	160.00
MAGNESIUM MG++	17.01	1.40	AS CaCO3	70.00
BARIUM BA++			AS CaCO3	
	-----	-----		
TOTAL CATIONS	4,515.12	197.39		

ANIONS	MG/L	MEQ/L		MG/L
=====	=====	=====		=====
CHLORIDE CL-	6,677.00	188.29	AS NACL	11,000.00
SULFATE SO4=	148.72	3.09	AS NA2SO4	220.00
CARBONATE CO3=			AS CaCO3	
BICARB. HCO3-	366.00	6.00	AS CaCO3	300.00
	-----	-----		
TOTAL ANIONS	7,191.72	197.39		

TOTAL SOLIDS 11,706.84

TOTAL IRON, FE	1.40	AS FE	1.40
ACID TO PHEN, CO2	8.80	AS CaCO3	20.00

OTHER PROPERTIES  
 =====

PH 7.60  
 SPECIFIC GRAVITY  
 TURBIDITY  
 OXYGEN, AS O2 PPM  
 SULFIDE AS H2SPPM  
 TEMPERATURE F

STABILITY INDICES  
 =====

TEMP	CaCO3	CaSO4
60 F	-0.07	-32.95
80 F	0.11	-33.66
100 F	0.33	-33.55
120 F	0.55	-33.86
140 F	0.80	-33.53
160 F	1.06	-33.10
180 F	1.33	-32.05

EXHIBIT G2

UIC CHECKLIST FOR APPLICATION APPROVAL

OPERATOR Lomax Exploration WELL NUMBER 13-35

SEC. 35 T. 8S R. 16E COUNTY Duchene

API # 43-013-30745

NEW WELL \_\_\_\_\_ DISPOSAL WELL \_\_\_\_\_ ENHANCED RECOVERY WELL

- Plat showing surface ownership Yes  No \_\_\_\_\_
- Application forms complete Yes  No \_\_\_\_\_
- Schematic of well bore Yes  No \_\_\_\_\_
- Adequate geologic information Yes  No \_\_\_\_\_
- Rate and Pressure information Yes  No \_\_\_\_\_
- Fluid source Yes  No \_\_\_\_\_
- Analysis of formation fluid Yes  No \_\_\_\_\_
- Analysis of injection fluid Yes  No \_\_\_\_\_
- USDW information Yes  No \_\_\_\_\_
- Mechanical integrity test Yes  when converted No \_\_\_\_\_

Comments: 5 producing wells in Area of Review  
1200 BWPD, 2000 psi (ERRV)  
4966' - 4982

All wells in Area of review OK by cement bond log

Reviewed by [Signature] 10/4/88



Norman H. Bangertter  
Governor  
Dee C. Hansen  
Executive Director  
Dianne R. Nielson, Ph.D.  
Division Director

# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

October 7, 1988

Uintah Basin Standard  
P.O. Box 370  
Roosevelt, Utah 84066

Gentlemen:

Re: Cause No. UIC-111

Enclosed is a Notice of Application of Administrative Approval before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 19th day of October. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

A handwritten signature in cursive script that reads "Barbara J. Dumas".

Barbara Dumas  
Office Technician

bld

Enclosure



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

Norman H. Bangertter  
Governor  
Dee C. Hansen  
Executive Director  
Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

October 7, 1988

Newspaper Agency Corporation  
Legal Advertising  
157 Regent Street  
Salt Lake City, Utah 84110

Gentlemen:

Re: Cause No. UIC-113

Enclosed is a Notice of Agency Action before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible, but no later than the 19th day of October. In the event that said notice cannot be published by this date, please notify me immediately by calling 538-5340.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Barbara Dumas  
Office Technician

bd

Enclosure

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

---oo0oo---

IN THE MATTER OF THE APPLICATION : NOTICE OF AGENCY ACTION  
OF LOMAX EXPLORATION COMPANY FOR :  
ADMINISTRATIVE APPROVAL OF THE : CAUSE NO. UIC-113  
MONUMENT BUTTE FEDERAL NO. 1-34 :  
AND NO. 13-35 WELLS LOCATED IN :  
SECTIONS 34 AND 35, TOWNSHIP :  
8 SOUTH, RANGE 16 EAST, S.L.M. , :  
DUCHESNE COUNTY, UTAH, AS :  
CLASS II INJECTION WELLS :

---oo0oo---

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

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Lomax Exploration Company for administrative approval of the Monument Butte Federal No. 1-34 and No. 13-35 wells, located in Sections 34 and 35, Township 8 South, Range 16 East SLM, Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted according to the provisions of the Administrative Procedures rules, R615-10.

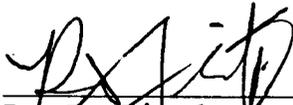
The operating data for the wells is as follows:

Injection Interval: Green River Formation, 4966' to 5053'  
Maximum Injection Rate/Surface Pressure: 1200 bwpd @ 2000 psig

Administrative approval of this application will be granted unless an objection is filed within fifteen days after publication of this notice by any person authorized to participate as a party in this adjudicative proceeding. If an objection is received by the Division, a formal adjudicative proceeding will be scheduled before the Board of Oil, Gas and Mining.

DATED this 12th day of October, 1988

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

  
\_\_\_\_\_  
R. J. Firth  
Associate Director, Oil and Gas

Publications sent to the following

Lomax Exploration  
50 West Broadway  
Suite 1200  
Salt Lake City Utah 84101

Newspaper Agency Corporation  
Legal Advertising  
157 Regent Street  
Salt Lake City Utah 84110

Uintah Basin Standard  
P.O. Box 370  
Roosevelt Utah 84066

Bureau of Land Management  
170 South 500 East  
Vernal Utah 84078

U.S. EPA  
999 18th Street Suite 500  
Denver, Colorado 80202-2405

E P Operating  
1700 Lincoln Street Suite 1295  
Vernal Utah 84078

  
Barbara Dumas  
Oil and Gas Technician  
October 12, 1988

143 SOUTH MAIN ST.  
P.O. BOX 45838  
SALT LAKE CITY, UTAH 84145  
FED. TAX I.D. # 87-0217663

Newspaper Agency C  
AGENT  
The Salt Lake Tribune DE  
MORNING & SUNDAY

*TS us 1*  
*fores*

# Affidavit of Pul

STATE OF UTAH. }  
County of Salt Lake }

*Mattew C. [Signature]*

advertisement of NOTICE OF AGENCY ACTION CAUSE NO. UIC-113E  
for DIV. OF OIL, GAS & MINI was published by the  
NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE  
TRIBUNE and DESERET NEWS, daily newspapers printed in the English  
language with general circulation in Utah, and published in Salt Lake City, Salt  
Lake County in the State of Utah.

PUBLISHED ON OCT 16 1988

SUBSCRIBED AND SWORN TO BEFORE ME THIS 17TH DAY OF OCTOBER 19 88

*B. J. Harris*  
NOTARY PUBLIC

MARCH 1, 1992  
COMMISSION EXPIRES  
RESIDING IN SALT LAKE COUNTY

NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-113  
BEFORE THE DIVISION OF OIL,  
GAS AND MINING  
DEPARTMENT OF NATURAL  
RESOURCES, STATE OF UTAH  
IN THE MATTER OF THE APPLI-  
CATION OF LOMAX EXPLORATION  
COMPANY FOR ADMINISTRATIVE  
APPROVAL OF THE MONUMENT,  
BLUTE FEDERAL NO. 1-34 AND  
NO. 13-35 WELLS LOCATED IN  
SECTIONS 34 AND 35, TOWNSHIP  
8 SOUTH, RANGE 16 EAST, S.L.M.,  
DUCHESE COUNTY, UTAH, AS  
CLASS II INJECTION WELLS  
THE STATE OF UTAH TO ALL PER-  
SONS INTERESTED IN THE ABOVE  
ENTITLED MATTER.

Notice is hereby given that  
the Division is commencing an  
informal adjudicative proceed-  
ing to consider the application  
of Lomax Exploration Company  
for administrative approval of  
the Monument Blute Federal  
No. 1-34 and No. 13-35 wells lo-  
cated in Section 34 and 35, Ta-  
wnship 8 South, Range 16  
East S.L.M., Duchesne County,  
Utah, for conversion to Class II  
injection wells. The proceeding  
will be conducted according to  
the provisions of the Administra-  
tive Procedures rules, R615-10.

The operating data for the  
wells is as follows:

Injection Interval: Green River  
Formation, 4966' to 5053'  
Maximum Injection Rate/Sur-  
face Pressure: 1200 bwpd @  
2000 psig

Administrative approval of  
this application will be granted,  
unless an objection is filed with-  
in fifteen days after publication  
of this notice by any person au-  
thorized to participate as a par-  
ty in this adjudicative proceed-  
ing. If an objection is received by  
Division, a formal adjudicative  
proceeding will be scheduled  
before the Board of Oil, Gas,  
and Mining.

DATED this 12th day of Octo-  
ber, 1988.  
STATE OF UTAH  
DIVISION OF OIL, GAS AND  
MINING  
/s/ R. J. Firth  
Associate Director, Oil and Gas  
Z-89

LEGAL ADVERTISING INVOICE				
ACCOUNT NAME	AD NUMBER	TELEPHONE		
IL GAS & MINI	Z-89	801-538-5340		
SCHEDULE				MISC. CHARGES
CT 16 1988				.00
	SIZE	TIMES	RATE	AD CHARGE
ACTIONCAUSE	62 LINES	1	1.29	79.98
<b>TOTAL AMOUNT DUE</b>				<b>79.98</b>

DUE AND PAYABLE ON RECEIPT OF THIS INVOICE  
FOR BILLING INFORMATION CALL 801-237-2796

TO INSURE PROPER CREDIT

**PLEASE RETURN THIS PORTION**

WITH YOUR PAYMENT IN THE ENCLOSED ENVELOPE  
MAKE CHECKS PAYABLE TO:  
**NEWSPAPER AGENCY CORPORATION**  
(PLEASE WRITE YOUR ACCOUNT  
NUMBER ON YOUR CHECK)

BILL TO:

DIV. OF OIL, GAS & MINI  
3 TRIAD CENTER, #350  
SLC, UT 84180

ACCOUNT NUMBER	BILLING DATE
LE-5385340	10/17/88
AD NUMBER	PAY THIS AMOUNT
Z-89	79.98

073255707100006000000000000007998 184366818211117111111111111118009



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

November 7, 1988

Lomax Exploration Company  
50 West Broadway, Suite 1200  
Salt Lake City, Utah 84101

Gentlemen:

Re: Monument Butte Federal No. 1-34 and No. 13-35 Wells, Located in Section 34 and 35, Township 8 South, Range 16 East, S.L.M., Duchesne County, Utah

In accordance with Rule R615-5-3(3), Oil and Gas Conservation General Rules, administrative approval for conversion of the referenced Class II injection wells is granted.

The following actions are necessary to fully comply with this approval:

- 1) Compliance with the UIC requirements for operation, maintenance and reporting for Class II injection wells.
- 2) Conformance with all conditions of the submitted application.

If you have any questions regarding this approval or the necessary requirements, please contact this office.

Best regards,

*for D.R. Nielson*  
Dianne R. Nielson  
Director

UI40/2

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

5. LEASE DESIGNATION AND SERIAL NO.

U-16535

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED  
FEB 13 1989

1. OIL WELL  GAS WELL  OTHER  Water Injection

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
Lomax Exploration Company

8. FARM OR LEASE NAME

Federal

3. ADDRESS OF OPERATOR  
50 West Broadway - Suite #1200, Salt Lake City, UT 84101

DIVISION OF  
OIL, GAS & MINING

9. WELL NO.

#13-35

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

10. FIELD AND POOL, OR WILDCAT

Monument Butte

739 FNL 758 FEL SW/SW

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

Sec 35, T8S-R16E

14. PERMIT NO.  
43-013-30745

15. ELEVATIONS (Show whether OF, RT, OR, etc.)  
5603' KB

12. COUNTY OR PARISH 13. STATE  
Duchesne Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)  Converted to wtr injector

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*   
 XX

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

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

The referenced well was converted to water injection as follows:

Reperforated 4964' - 4984' (2 spf)  
Set tbg packer @ 4905' KB  
Tested annulus to 1000 psig.

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

SIGNED [Signature]

TITLE Production Manager

DATE 2/9/89

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_



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

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

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

February 9, 1994

3/16/94  
9:30  
AT 2-35

Lomax Exploration Company  
P.O. Box 1446  
Roosevelt, Utah 84066

43-013-30745

Re: Pressure Test for Mechanical Integrity, Monument Butte Unit #2-35, 4-35, 13-35, Water Injection Wells, Sec. 35, T. 8 S., R. 16 E., Duchesne County, Utah

Gentlemen:

The Underground Injection Control Program which the Division of Oil, Gas and Mining (DOG M) administers in Utah, requires that all Class II injection wells demonstrate mechanical integrity. It has been past policy of the Division to require pressure testing of all Class II salt water disposal wells and other injection wells not reporting monthly annulus pressures in accordance with rule R649-5-5.3 of the Oil and Gas Conservation General Rules. This rule requires that the casing-tubing annulus above the packer be pressure tested at a pressure equal to the maximum authorized injection pressure or 1,000 psi, whichever is lesser, provided that no test pressure is less than 300 psi. This test shall be performed at least every five year period beginning October, 1982. Our records indicate the above referenced wells are due for testing. Please make arrangements and ready the wells for testing during the week of March 14, 1994 as outlined below:

1. Operator must furnish connections, and accurate pressure gauges, hot oil truck (or other means of pressuring annulus), as well as personnel to assist in opening valves etc.
2. The casing-tubing annulus shall be filled prior to the test date to expedite testing, as each well will be required to hold pressure for a minimum of 15 minutes.
3. If mechanical difficulties or workover operations make it impossible for the wells to be tested on this date the tests may be rescheduled.

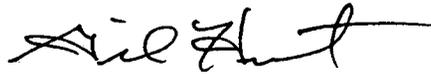


Page 2  
Pressure Test  
February 9, 1994

4. Company personnel should meet DOGM representatives at the field office or other location as negotiated.
5. All bradenhead valves with exception of the tubing on the injection wells must be shut in 24 hours prior to testing.

Please contact Dan Jarvis at (801)538-5340 to arrange a meeting time and place or negotiate a different date if this one is unacceptable.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt", with a long horizontal flourish extending to the right.

Gil Hunt  
UIC Program Manager

ldc  
Attachment  
WOI52

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

INJECTION WELL - PRESSURE TEST  
\*\*\*\*\*

TEST DATE: 3/16/94 WELL OWNER/OPERATOR: Loma  
DISPOSAL WELL:      ENHANCED RECOVERY WELL: X OTHER:       
API NO: 43-013-30745 WELL NAME/NUMBER: Mount Belle 13-35  
SECTION: 35 TOWNSHIP: 8S RANGE: 16E

INITIAL CONDITIONS:

TUBING - rate:      pressure: 2000 psi  
CASING/TUBING ANNULUS - pressure: 1000 psi

CONDITIONS DURING TEST:

TUBING pressure:      psi for      minutes  
CASING/TUBING ANNULUS pressure:      psi  
annulus pressure drop during test:      psi

CONDITIONS AFTER TEST:

TUBING pressure:      psi  
CASING/TUBING ANNULUS pressure:      psi

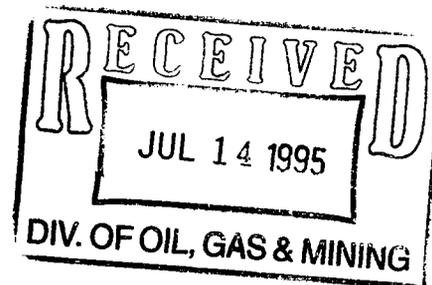
REMARKS:

Well had been pressured to 1000 psi the night before. no pressure bleed off in approx. 14 hrs. Blew well down to 0 repressured to 1000 psi held 15 min

OPERATOR REPRESENTATIVE

W. J. ...  
DOG M WITNESS

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. Lee*

*Field And Corporate Office Locations Remain The Same:*

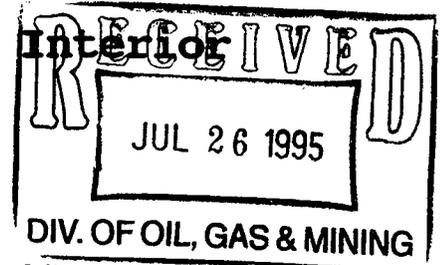
Corporate Office:  
Inland Resources Inc.  
475 Seventeenth Street, Suite 1500  
Denver, CO 80202

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.

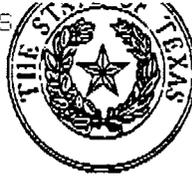
Please amend your records by substituting **Inland Production Company** in place of Lomax Exploration Company on the leases and wells listed on the attached exhibits. In the future we will begin submitting notices and permits for new operations after July 1, 1995 in the name of Inland Production Company.

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, LB48  
DALLAS ,TX 75240-6657

RE:  
INLAND PRODUCTION COMPANY  
CHARTER NUMBER 00415304-00

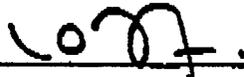
IT HAS BEEN OUR PLEASURE TO APPROVE AND PLACE ON RECORD YOUR ARTICLES OF AMENDMENT. A COPY OF THE INSTRUMENT FILED IN THIS OFFICE IS ATTACHED FOR YOUR RECORDS.

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

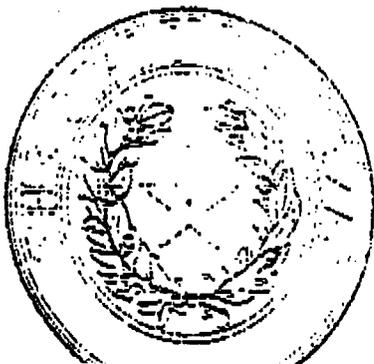
LOMAX EXPLORATION COMPANY  
CHARTER NUMBER 00415304

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

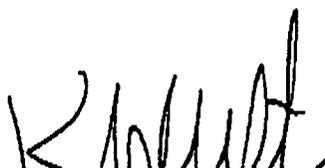
Corporations Section

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

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: \_\_\_\_\_  
 Field or Unit name: MONUMENT BUTTE (GREEN RIVER"D") UNIT API no. \_\_\_\_\_  
 Well location: 00 section      township 8S & 9S range 16E county Duchesne  
 Effective Date of Transfer: June 29, 1995

**CURRENT OPERATOR**

Transfer approved by:

Name Chris A Potter Company Lomax Exploration Company  
 Signature *Chris A Potter* Address 475 17th Street, Ste 1500  
 Title Attorney-in-Fact Denver, Colorado 80202  
 Date August 1, 1995 Phone (303) 292-0900  
 Comments: \_\_\_\_\_

**NEW OPERATOR**

Transfer approved by:

Name Chris A Potter Company Inland Production Company  
 Signature *Chris A Potter* Address 475 17th Street, Ste 1500  
 Title Attorney-in-Fact Denver, Colorado 80202  
 Date August 1, 1995 Phone (303) 292-0900  
 Comments: \_\_\_\_\_

(State use only)  
 Transfer approved by *SAH* Title *Executive Manager*  
 Approval Date 8-7-95

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- <del>ML</del> 7-PL
2-LWP 8-SJ
3- <del>DT</del> 9-FILE
4-VLD
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>013-30745</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**

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. 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.*

- N/A / Yes 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**

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

**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 Appr. eff. 6-29-95.

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

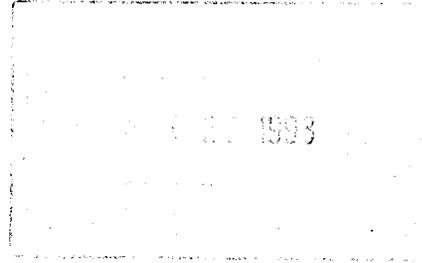
OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓ LOMAX	4-35/43-013-30605	MONUMENT BUT	08S	16E	35	INJW U16535	N
✓ LOMAX	43-013-30624	STATE 5-36	08S	16E	36	INJW mL22061	N
✓ LOMAX	43-013-30592	STATE 1-36	08S	16E	36	INJW mL22061	N
✓ LOMAX	43-013-30787	12-32	08S	17E	32	INJW mL22060	Y
✓ LOMAX	43-013-30779	FED.15-28	08S	16E	28	INJW U26026A	N
✓ LOMAX	43-013-31372	14A-28	08S	16E	28	INJW <del>U68528A</del>	N UTS L071572A
✓ LOMAX	13-32/43-013-31403	GILSONITE ST	08S	17E	32	INJW mL22060	Y
✓ LOMAX	43-013-30658	GILSONITE 7-32	08S	17E	32	INJW mL22060	Y
✓ LOMAX	8-34/43-013-30843	MONUMENT BUT	08S	16E	34	INJW U16535	Y
✓ LOMAX	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW U34173	N
✓ LOMAX	15-35/43-013-31264	MONUMENT FED	08S	16E	35	INJW U16535	N
✓ LOMAX	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW U16535	N
✓ LOMAX	2-35/43-013-30606	MONUMENT BUT	08S	16E	35	INJW U16535	N
✓ LOMAX	3-35/43-013-30608	MONUMENT BUT	08S	16E	35	INJW U16535	N
✓ LOMAX	13-35/43-013-30745	MONUMENT BUT	08S	16E	35	INJW U16535	N



43-013-30745

April 24, 1998

Mr. Edwin Forsman  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078



RE: Mechanical Integrity Test  
Monument Federal #13-35  
Section 35-T8S-R16E  
Duchesne County, Utah

Dear Mr. Forsman:

Attached please find a sundry notice advising that a mechanical integrity test was performed on the above referenced well. Also for your review is a copy of the chart.

Should you have any questions or require additional information, please contact me at (303) 382-4434.

Sincerely,

Debbie E. Knight  
Permitting Specialist

cc: Dan Jarvis, DOGM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**U-16535**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

**WIW**

8. Well Name and No.

**MONUMENT FEDERAL 13-35**

9. API Well No.

**43-013-30745**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

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

**0640 FSL 0592 FWL      SW/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**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

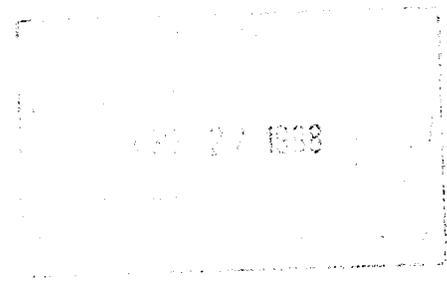
Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other    **Casing Integrity Test**

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.)\*

A mechanical integrity test was performed on the above referenced well on 3-11-98. Pressured up casing to 1000 psi. Contacted Dan Jarvis with the State of Utah, and verbal approval was given to conduct casing test without witness. A 60 minute test was conducted on 3-12-98 and charted, then casing bled off.



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

Signed

*Debbie Knight*

Title

**Permitting Specialist**

Date

**4/24/98**

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

**CC: UTAH DOGM**

5 6 AM

7

8

9

10

11

NOON

1



GRAPHIC CONTROLS CORPORATION  
BUFFALO, NEW YORK

*Inland*  
CHART NO. MC MP-2500

METER

CHART PUT ON

8:00 A.M.

TAKEN OFF

8:30 A.M.

LOCATION

M.B.F. 13-35I

REMARKS

M.I.T.

3-12-98

*Rey*

2250

2000

1750

1500

1250

1000

750

500

250

2250

2000

1750

1500

1250

1000

750

500

250

2250

2000

1750

1500

1250

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250

500

750

1000

MIDNIGHT

11

10

INSPECTION FORM 6

STATE OF UTAH  
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>MBF 13-35-8-16</u>	API Number: <u>43-C13-30745</u>
Qtr/Qtr: <u>SW/SW</u> Section: <u>35</u>	Township: <u>8S</u> Range: <u>16E</u>
Company Name: <u>Inland Production Company</u>	
Lease: State <u>Utah</u> Fee _____	Federal <u>U-16535</u> Indian _____
Inspector: <u>Monica Johnson</u>	Date: <u>01-30-03</u>

Initial Conditions:

Tubing - Rate: \_\_\_\_\_ Pressure: 1925 psi

Casing/Tubing Annulus - Pressure: 1260 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1260</u>	<u>1925</u>
5	<u>1258</u>	<u>1925</u>
10	<u>1255</u>	<u>1925</u>
15	<u>1255</u>	<u>1925</u>
20	<u>1250</u>	<u>1925</u>
25	<u>1245</u>	<u>1925</u>
30	<u>1240</u>	<u>1925</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1240 psi

Casing/Tubing Annulus Pressure: 1925 psi

COMMENTS: Tested @ 12:00 noon for five year rule. All good  
except (had small leak in threads during test - elected not to  
inject.)

Brad Dennis  
 Operator Representative

RECEIVED

JAN 30 2003

**INJECTION WELL - PRESSURE TEST**

Well Name: <u>MBF 13-35-8-16</u>	API Number: <u>43-C13-30745</u>
Qtr/Qtr: <u>SW/SW</u> Section: <u>35</u>	Township: <u>8S</u> Range: <u>16E</u>
Company Name: <u>Inland Production Company</u>	
Lease: State <u>Utah</u> Fee _____	Federal <u>U-16535</u> Indian _____
Inspector: <u>Arnie Johnson</u>	Date: <u>01-30-03</u>

Initial Conditions:

Tubing - Rate: \_\_\_\_\_ Pressure: 1925 psi  
 Casing/Tubing Annulus - Pressure: 1260 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1260</u>	<u>1925</u>
5	<u>1258</u>	<u>1925</u>
10	<u>1255</u>	<u>1925</u>
15	<u>1255</u>	<u>1925</u>
20	<u>1250</u>	<u>1925</u>
25	<u>1245</u>	<u>1925</u>
30	<u>1240</u>	<u>1925</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1240 psi  
 Casing/Tubing Annulus Pressure: 1925 psi

COMMENTS: Tested @ 12:00 Noon for four year rule. Had a  
slight leak in threads during test - elected not to  
inject.

Bret Henrie  
 Operator Representative

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

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <b>U-16535</b>	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  <b>N/A</b>	
<b>2. NAME OF OPERATOR</b> <b>INLAND PRODUCTION COMPANY</b>		7. UNIT AGREEMENT NAME  <b>NA</b>	
<b>3. ADDRESS OF OPERATOR</b> <b>Rt. 3 Box 3630, Myton Utah 84052</b> <b>435-646-3721</b>		8. FARM OR LEASE NAME <b>MON FED 13-35</b>	
<b>4. LOCATION OF WELL.</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SW/SW Section 35, T8S R16E</b> <b>0640 FSL 0592 FWL</b>		9. WELL NO. <b>MON FED 13-35</b>	
<b>14 API NUMBER</b> <b>43-013-30745</b>		10. FIELD AND POOL, OR WILDCAT  <b>MONUMENT BUTTE</b>	
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) <b>5586 GR</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SW/SW Section 35, T8S R16E</b>	
<b>12. COUNTY OR PARISH</b> <b>DUCHESNE</b>		13. STATE <b>UT</b>	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> <b>5 Year MIT</b>	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

A 5 Year MIT was conducted on the subject well. On 1/27/03 Mr. Dennis Ingram w/State DOGM was contacted and gave permission to conduct a MIT on the casing. On 1/30/03 the casing was pressured to 1260 psi w/ a 20psi pressure loss charted in the 1/2 test. Mr. Dennis Ingram was there to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 2/7/2003  
 Krishna Russell

cc: BLM  
 (This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

**COPY SENT TO OPERATOR**  
 Date: 02-19-03  
 Initials: CHD

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

\* See Instructions On Reverse Side

Date: 2-18-03  
 By: [Signature]

**RECEIVED**  
**FEB 11 2003**  
 DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

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

Witness: DENNIS INGRAM Date 1/30/03 Time 12:00 pm

Test Conducted by: BOB HENZIE

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

Well: <u>MONUMENT BUTTE FEDERAL 13-358-14</u>	Field: <u>MONUMENT BUTTE UNIT</u>
Well Location: <u>SW/SW Sec. 35, T8S, R16E</u>	API No: <u>43-013-30745</u>

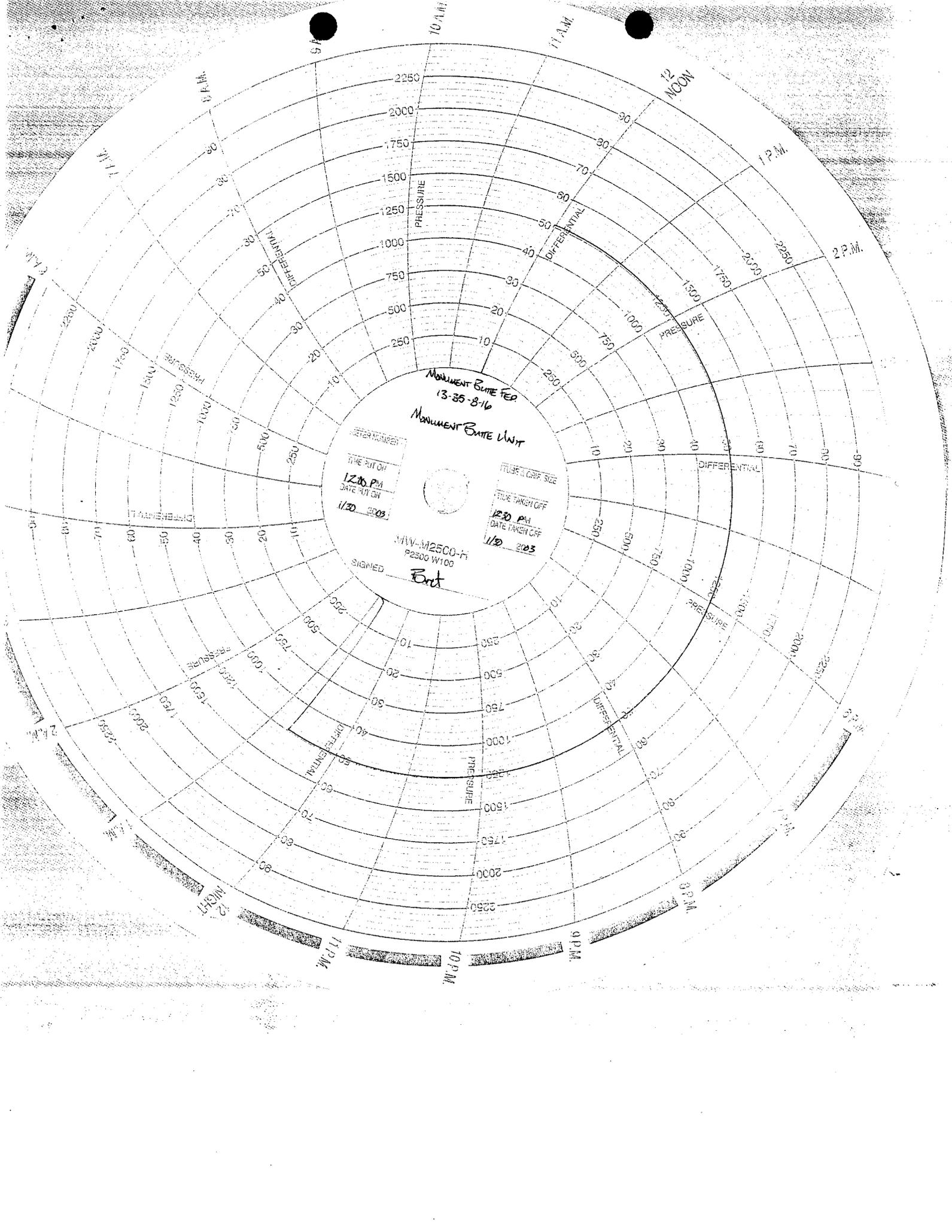
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1260</u>	psig
5	<u>1258</u>	psig
10	<u>1255</u>	psig
15	<u>1255</u>	psig
20	<u>1250</u>	psig
25	<u>1245</u>	psig
30 min	<u>1240</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1925 psig

Result: Pass Fail

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

Signature of Person Conducting Test: Bob Henzie



MONUMENT BATE FED  
13-35-8-16

MONUMENT BATE UNIT

METER NUMBER  
TIME PUT ON  
12:05 PM  
DATE PUT ON  
1/20 2003

TUBES & GRIFF SIZE  
TIME TAKEN OFF  
12:30 PM  
DATE TAKEN OFF  
1/20 2003

MW-M2500-F  
P2500 W100

SIGNED  
Bret

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

**Applicant: Inland Production Company**

<u>Well</u>	<u>API Number</u>	<u>Location</u>	<u>Unit</u>
Mon. Butte Fed. 3-25	43-013-31605	25-8S-16E	Mon. Butte NE
Mon. Butte Fed. 13-25	43-013-31513	25-8S-16E	Mon. Butte NE
State 14-32	43-013-31039	32-8S-16E	Wells Draw
Federal 44-33B	43-013-31240	33-8S-16E	Wells Draw
Mon. Butte 5-34	43-013-31499	34-8S-16E	Travis
Mon. Federal 9-34	43-013-31407	34-8S-16E	Monument Butte
Federal 23-34B	43-013-31241	34-8S-16E	Wells Draw
Mon. Federal 15-35	43-013-31264	35-8S-16E	Monument Butte
Mon. Federal 1A-35	43-013-31514	35-8S-16E	Monument Butte
MB 3-35-8-16	43-013-30608	35-8S-16E	Monument Butte
Federal 5-35	43-013-30686	35-8S-16E	Monument Butte
MB 13-35-8-16	43-013-30745	35-8S-16E	Monument Butte
MB 1-36-8-16	43-013-30592	36-8S-16E	Monument Butte
MB 13-36-8-16	43-013-30623	36-8S-16E	Monument Butte
State 5-36	43-013-30624	36-8S-16E	Monument Butte
Mon. Federal 12-25	43-047-32526	25-8S-17E	Humpback
Gilsonite St. 13-32	43-013-31403	32-8S-17E	Gilsonite
Odekirk 7-36-8-17	43-047-33078	36-8S-17E	Odekirk Spring
Mon. Federal 42-1J	43-013-31404	01-9S-16E	Jonah
Federal 41-5G	43-013-31205	05-9S-16E	Wells Draw
Castle Peak Fed. 43-5	43-013-30858	05-9S-16E	Wells Draw
Allen Fed. 1-5A	43-013-15780	05-9S-17E	Jonah
Mon. Fed. 24-6	43-013-31363	06-9S-17E	Jonah
Allen Fed. 1-6	43-013-15779	06-9S-17E	Jonah
Mon. Fed. 33-8	43-013-31427	08-9S-17E	Beluga

The wells listed above are all currently permitted Class II injection wells in the Monument Butte Secondary Recovery area. The wells are located in various secondary recovery units as shown above. Inland has requested approval to open additional perforations in these injection wells. Some of the requested perforations are above existing perforations, some are in the existing perforated interval and some are below the existing perforations. All requested perforations are within the Green River Formation which is the unitized interval for all of the Monument Butte area secondary recovery units. Cement Bond Logs were checked on all wells requesting additional perforations above the original permitted perforations. All wells have adequate

cement above the requested intervals. These requests by Inland are being treated as minor permit modifications and approval is recommended.

Reviewer(s): Brad Hill

Date 03/20/2003

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

1. <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <b>U-16535</b>	
2. NAME OF OPERATOR <b>INLAND PRODUCTION COMPANY</b>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <b>N/A</b>	
3. ADDRESS OF OPERATOR <b>Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</b>		7. UNIT AGREEMENT NAME <b>MONUMENT BUTTE</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SW/SW Section 35, T8S R16E 640 FSL 592 FWL</b>		8. FARM OR LEASE NAME <b>MON FED 13-35</b>	
14 API NUMBER <b>43-013-30745</b>		9. WELL NO. <b>MON FED 13-35</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5586 GR</b>		10. FIELD AND POOL, OR WILDCAT <b>MONUMENT BUTTE</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SW/SW Section 35, T8S R16E</b>	
		12. COUNTY OR PARISH <b>DUCHESNE</b>	13. STATE <b>UT</b>

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

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

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

The subject injection well was recompleted in the Green River Formation. Three new intervals were perforated, the A1 sds 5420' -5426' w/4 JSPF, C sds 5130'-5142' w/4 JSPF and the D2 sds 5026'-5030' w/4 JSPF for a total of 88 shots.

On 8/6/03 Mr. Dennis Ingram w/ State DOGM was contacted of the intent to conduct a MIT on the casing. On 8/11/03 the casing was pressured to 1025psi w/no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 8/13/2003  
Krishna Russell

cc: BLM  
(This space for Federal or State office use)

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

COPY SENT TO OPERATOR  
Date: 8-21-03  
Initials: CHD

Approved by the  
Utah Division of  
Oil, Gas and Mining  
\* See Instructions on the Reverse  
Date: 08-18-03  
By: [Signature]

RECEIVED  
AUG 14 2003  
DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 8/11/03 Time 9:00 am/pm

Test Conducted by: BRET HENRIE

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

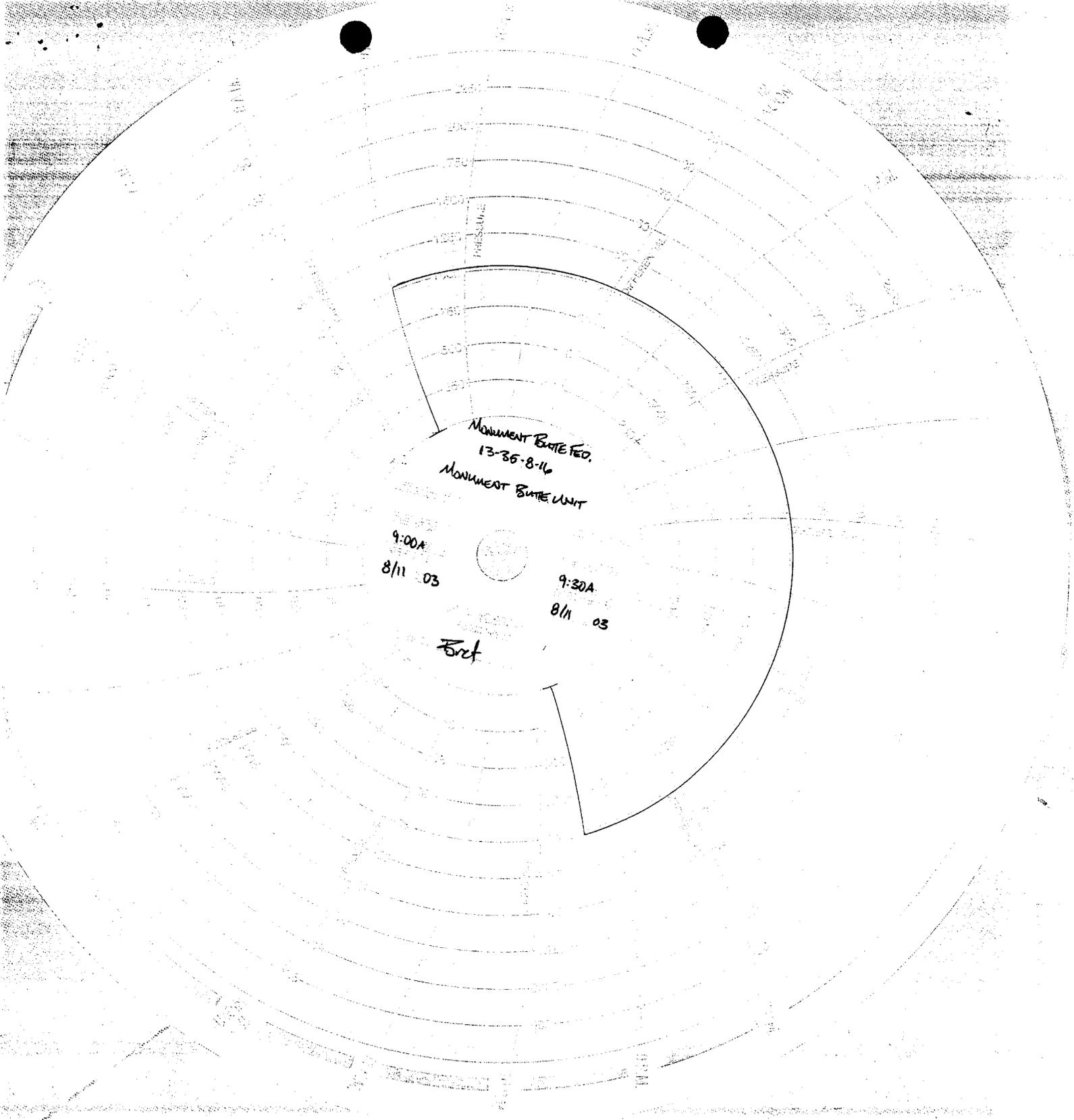
Well: <u>MONUMENT BUTTE FEDERAL 13-35-8-16</u>	Well ID: <u>43-013-30745</u>
Field: <u>MONUMENT BUTTE UNIT</u>	Company: <u>INLAND</u>
Well Location: <u>SW1SW SEC. 35, T8S, R16E</u>	Address: _____

Time	Test	
0 min	<u>1025</u>	psig
5	<u>1025</u>	
10	<u>1025</u>	
15	<u>1025</u>	
20	<u>1025</u>	
25	<u>1025</u>	
30 min	<u>1025</u>	
35	_____	
40	_____	
45	_____	
50	_____	
55	_____	
60 min	_____	
Tubing press	<u>825</u>	psig

Result (circle) Pass Fail

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

Signature of Person Conducting Test: Bret Henrie



MONUMENT BUTTE FED.  
13-36-8-16  
MONUMENT BUTTE UNIT

9:00A  
8/11 03

9:30A  
8/11 03

Butt



# 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		

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2004

**CURRENT OPERATOR**

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

**NEW OPERATOR**

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

(This space for State use only)

Transfer approved by: *A. Hunt* Approval Date: 9-20-04  
 Title: Perk. Services Manager

Comments: Note: Indian Country wells will require EPA approval.

RECEIVED  
SEP 20 2004  
DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>	
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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU16535

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:  
MON BUTTE UNIT

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

8. WELL NAME and NUMBER:  
MON FED 13-35

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301330745

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

PHONE NUMBER  
435.646.3721

10. FIELD AND POOL, OR WILDCAT:  
Monument Butte

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 0640 FSL 0592 FWL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/SW, 35, T8S, R16E

STATE: Utah

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

TYPE OF ACTION

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/14/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well developed a leak in the tubing. On 2/23/05 a rig was moved on to location and the leak was repaired. On 3/8/05 Mr. Dennis Ingram was notified of the intent to conduct a MIT on the casing. On 3/10/05 the casing was pressured to 1160 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

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

Date: 03-15-05  
By: [Signature]

RECEIVED

MAR 15 2005

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Krishna Russell

TITLE Production Clerk

SIGNATURE

Krisha Russell

DATE March 14, 2005

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

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

Witness: \_\_\_\_\_ Date 3/10/05 Time 8:00 (am) pm  
Test Conducted by: Matthew Berstech  
Others Present: \_\_\_\_\_

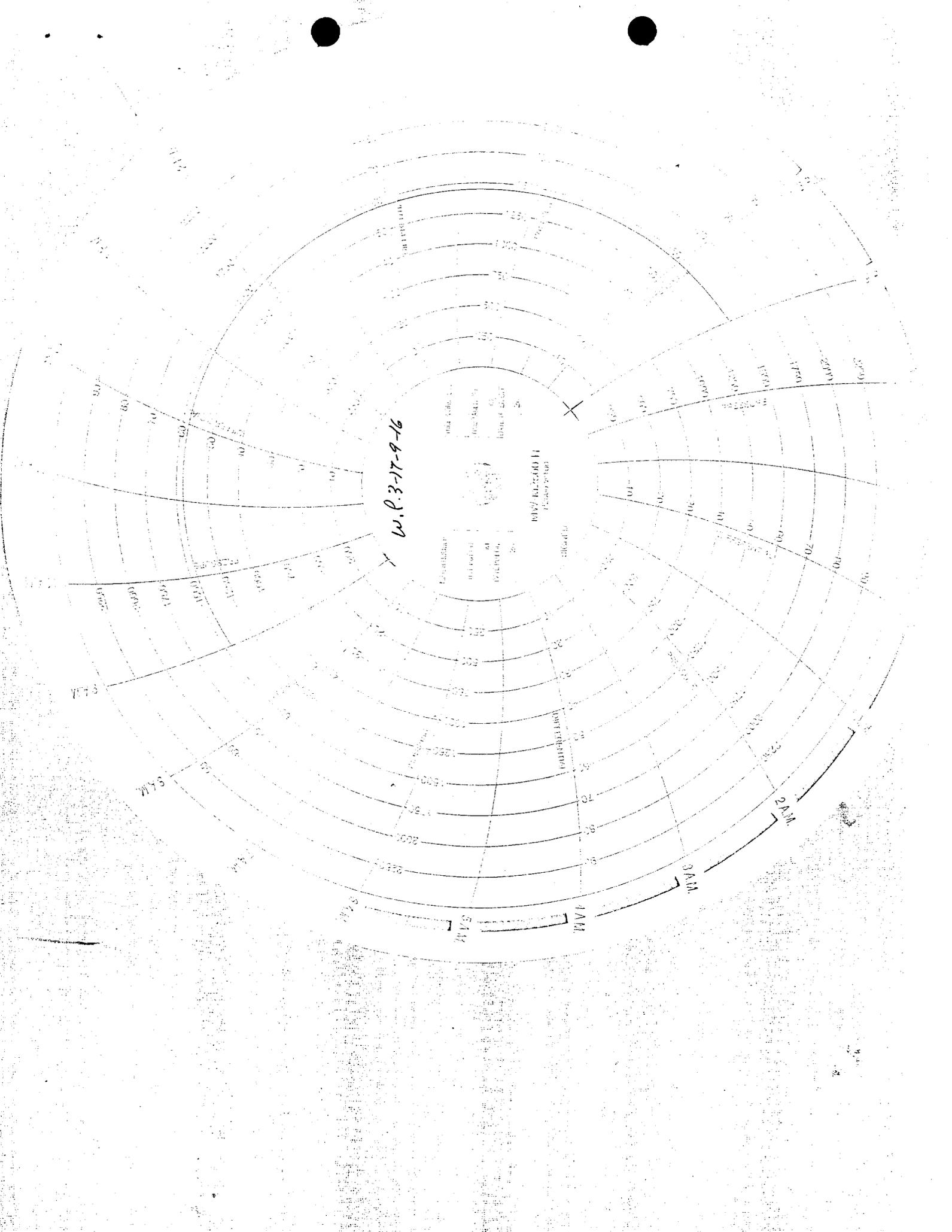
Well: Monument Butte Federal 13-35-8-16	Field: Monument Butte GR D 83688U680D
Well Location: SW/SW sec 35 T8S R16E	API No: 43-013-30745

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1160</u>	psig
5	<u>1160</u>	psig
10	<u>1160</u>	psig
15	<u>1160</u>	psig
20	<u>1160</u>	psig
25	<u>1160</u>	psig
30 min	<u>1160</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: Matthew Berstech  
Signature of Person Conducting Test: \_\_\_\_\_



W.P. 3-17-9-16

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

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
MON BUTTE UNIT

8. WELL NAME and NUMBER:  
MON FED 13-35

9. API NUMBER:  
4301330745

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL:  OIL WELL  GAS WELL  OTHER WI

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 640 FSL 592 FWL COUNTY: DUCHESNE

OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW, 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 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 checked="" type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>09/19/2008</u>	<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 type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 09-10-08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well. Permission was given at that time to perform that test on 09-11-08. On 09-11-08 the csg was pressured up to 1060 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1300 psig during the test. There was not a State representative available to witness the test.  
API # 43-013-30745

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

Date: 09-29-08  
By: [Signature]

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech

SIGNATURE [Signature] DATE 09/19/2008

(This space for State use only)

**COPY SENT TO OPERATOR**  
Date: 10.1.2008  
Initials: KS

**RECEIVED**  
**SEP 25 2008**  
**DIV. OF OIL, GAS & MINING**

**Daily Activity Report**

Format For Sundry

**MON 13-35-8-16****6/1/2008 To 10/30/2008****8/28/2008 Day: 1****Tubing Leak**

NC #3 on 8/27/2008 - MIRUSU. X- over to tbg eq. ND wellhead. NU BOP. RU rig floor. Release Pkr. (Pkr was hard releasing). Drop std valve down tbg. Attempt to pressure test tbg. No luck. RU sandline & push std valve to SN. Attempt to pressure test tbg. No luck. Could only pump 200 psi on tbg. TOH w/ 151- jts 2 7/8, SN, Pkr. Found holes in jts # 146, & 148. LD & replace jts # 145- 151. PU TIH testing tbg w/ Arrowset Pkr, SN, 151- jts 2 7/8. Attempt to pressure test tbg. RU sandline & attempt to push std valve to SN. Sandline stacking out @ 1800'. Pump 50 bbls water down tbg @ 250°. Still no luck. SDFD.

---

**8/29/2008 Day: 2****Tubing Leak**

NC #3 on 8/28/2008 - Flush tbg w/ 70 bbls water @ 250°. RU sandline & attempt to push std valve to SN. No luck. TOH w/ 63- jts 2 7/8. Found std valve stuck w/ Pkr rubber in jt # 63. TIH w/ 63- jts 2 7/8. Drop std valve down tbg. Pressure test tbg to 3000 psi for 1 hr w/ 5 bbls water. Good test. RU sandline to retrieve std valve. RD sandline & std valve. RD rig floor. ND BOP. NU wellhead. Pump 60 bbls fresh water w/ pkr fluid. ND wellhead. Set Pkr w/ 15000 tension. NU wellhead. Pressure test csg & Pkr to 1500 psi for 1 hr w/ 5 bbls water. Good test. RD MOSU. READY FOR MIT!!

---

**9/12/2008 Day: 3****Tubing Leak**

Rigless on 9/11/2008 - On 9/10/08 Dennis Ingram with the State of Utah DOGM was contacted concerning the MIT on the above listed well (MB 13/35/8/16). Permission was given at that time to perform the test on 9/11/08. On 9/11/08 the csg was pressured up to 1060 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1300 psig during the test. There was not a State representative available to witness the test. API # 43013-30745

---

**Pertinent Files: Go to File List**

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 9/11/08 Time 1130  am  pm

Test Conducted by: Alfredo Rios

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

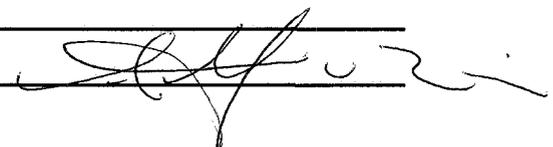
<b>Well:</b> Monument Butte Federal 13-35-8-16	<b>Field:</b> Monument Butte
<b>Well Location:</b> SW/SW Sec. 35, T8S, R16E Duchesne County, Utah	<b>API No:</b> 43-013-30745

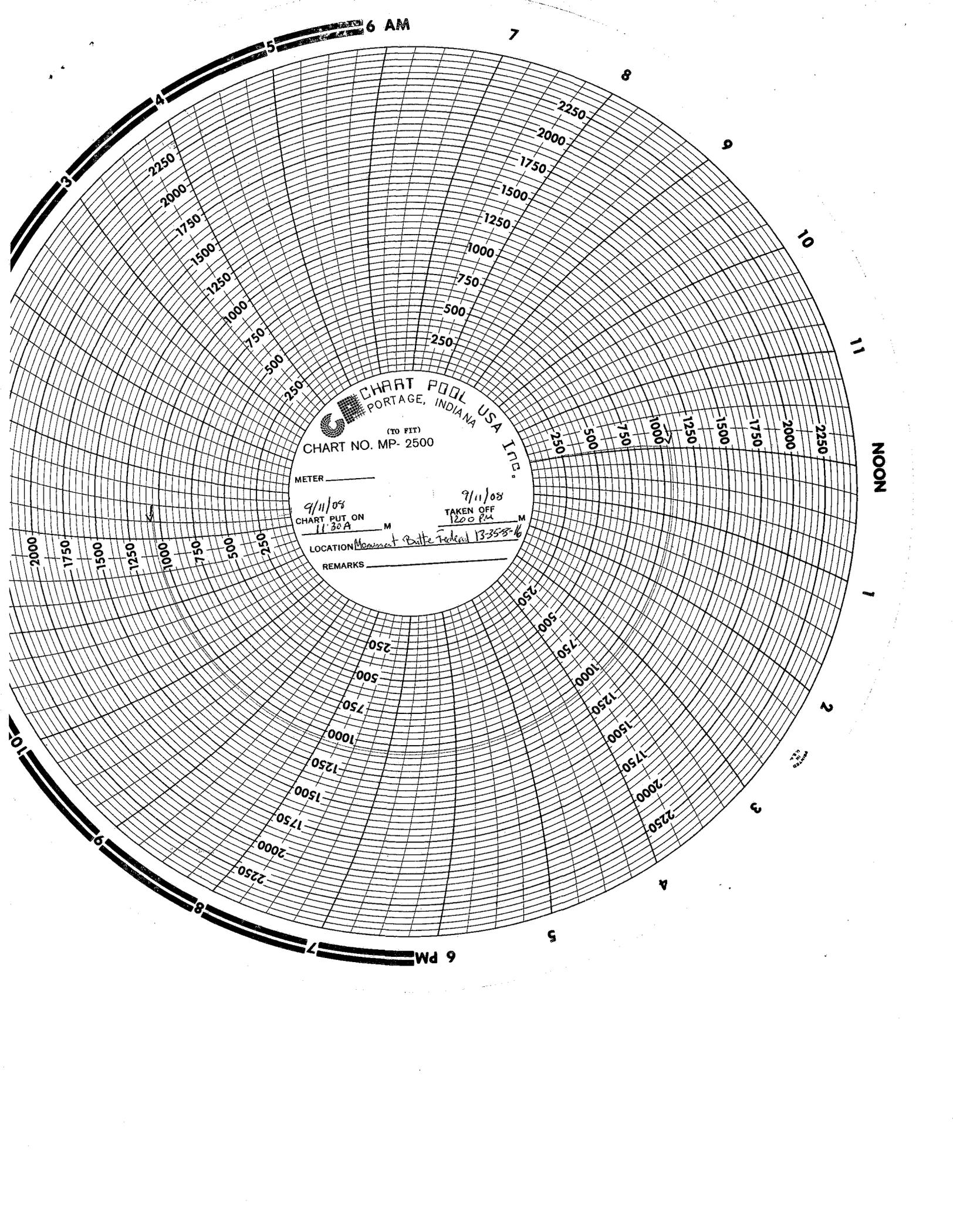
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1060</u>	psig
5	<u>1060</u>	psig
10	<u>1060</u>	psig
15	<u>1060</u>	psig
20	<u>1060</u>	psig
25	<u>1060</u>	psig
30 min	<u>1060</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1300 psig

Result:  **Pass**  **Fail**

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

Signature of Person Conducting Test: 



**CHART POOL USA INC.**  
PORTAGE, INDIANA  
(TO FIT)  
CHART NO. MP- 2500

METER \_\_\_\_\_  
9/11/08  
CHART PUT ON 11:30 A M  
9/11/08  
TAKEN OFF 12:00 P M  
LOCATION Monument Butte Federal 13-358-6 M  
REMARKS \_\_\_\_\_

<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> MON FED 13-35
<b>1. TYPE OF WELL</b> Water Injection Well	<b>9. API NUMBER:</b> 43013307450000
<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> 0640 FSL 0592 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWSW 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"/> 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 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
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>8/8/2013</b>			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			OTHER: <input style="width: 50px;" type="text" value="5 YR MIT"/>

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

On 08/05/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 08/08/2013 the casing was pressured up to 1500 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1950 psig during the test. There was a State representative available to witness the test - Chris Jensen.

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

**Date:** September 12, 2013

**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> 8/12/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: Chris Jensen Date 8/8/13 Time 10:50  am  pm

Test Conducted by: Kim Giles

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

5 yr.

Well: Monument Federal — 13-35-8-16 Field: Monument Butte  
Well Location: SW/SW sec. 35, T8S, R16E API No: 43-013-30745  
Duchesne County, Utah

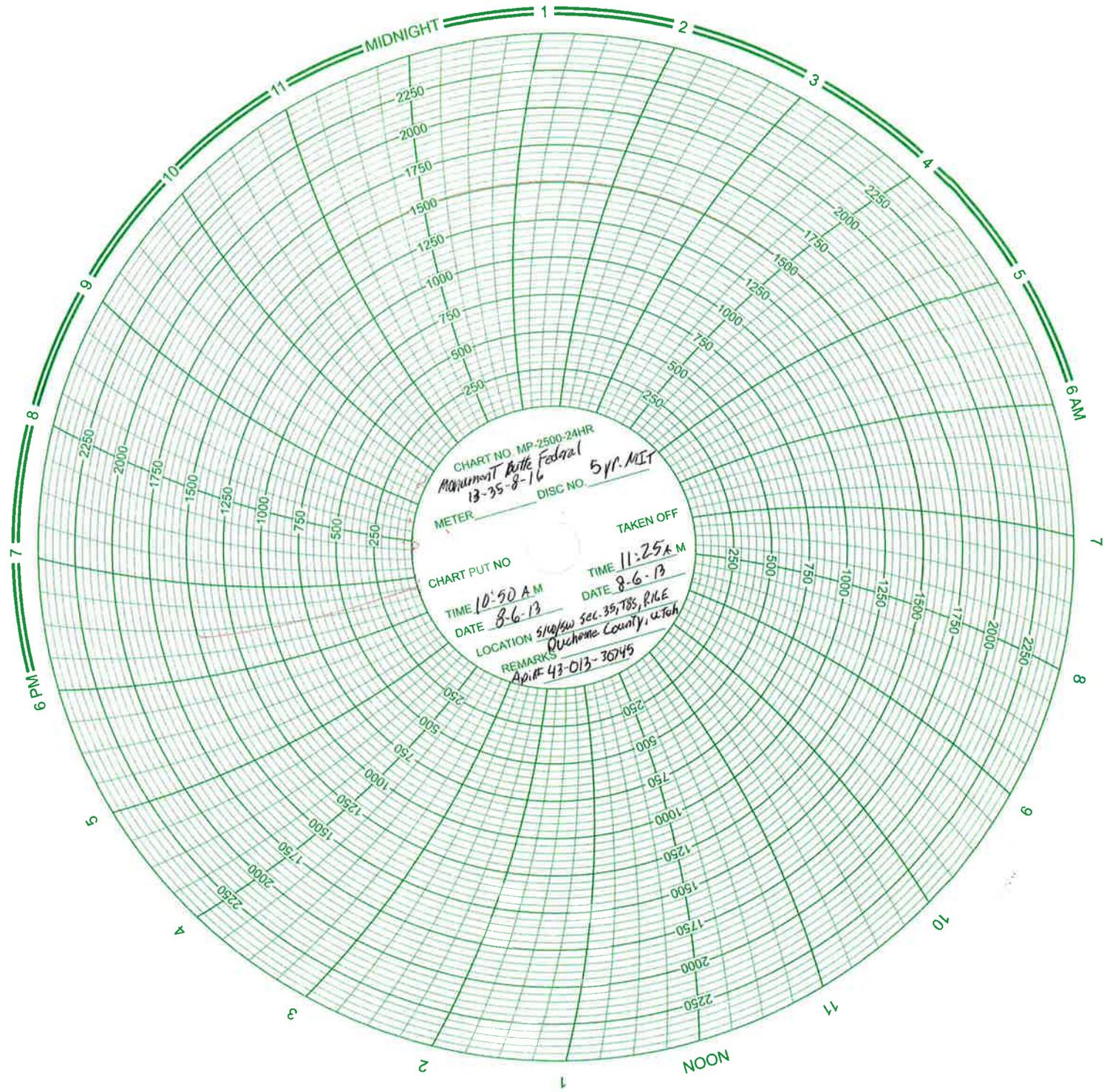
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1500</u>	psig
5	<u>1500</u>	psig
10	<u>1500</u>	psig
15	<u>1500</u>	psig
20	<u>1500</u>	psig
25	<u>1500</u>	psig
30 min	<u>1500</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1950 psig

Result:  **Pass**  **Fail**

Signature of Witness: Chris Jensen

Signature of Person Conducting Test: Kim Giles



# 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**

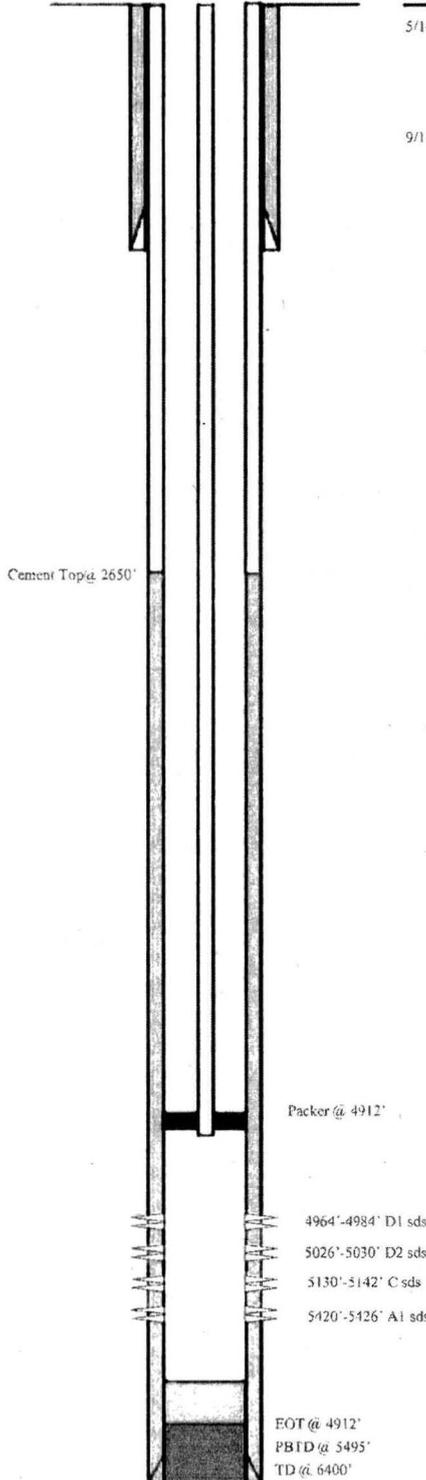
CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 17#  
 LENGTH: 133 jts 5539.92'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Gypseal & 150 sxs Lodense  
 CEMENT TOP AT: 2650' per CBL

**TUBING**

SIZE/GRADE/WT: 2-7/8" / J-55  
 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 sands 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.  
 9/11/08 Tubing leak. Updated tubing details.



**PERFORATION RECORD**

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' ESL  
 SW SW Section 35-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-30745; Lease #ML-16535