

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED 9-11-95

LAND: FEE & PATENTED FED STATE LEASE NO.

PUBLIC LEASE NO. U-62848

INDIAN

DRILLING APPROVED: SEPTEMBER 28, 1995

SPUDDED IN: 10-10-95

COMPLETED: 12-16-95 FID PUT TO PRODUCING: 12-18-95

INITIAL PRODUCTION: 73 BOPD, 155 MCF, 23 BLOPD

GRAVITY A.P.I.

GOR: 2.12

PRODUCING ZONES: 5047-11058' (GRV)

TOTAL DEPTH: 10250'

WELL ELEVATION: 5103 GR

DATE ABANDONED:

FIELD: MONUMENT BUTTE (105)

UNIT: NA

COUNTY: DUCHESNE

WELL NO. MONUMENT BUTTE FED 3-34

API NO. 43-013-31518

LOCATION 660' FNL FT. FROM (N) (S) LINE, 1980' FWL FT. FROM (E) (W) LINE. NE NW 1/4 - 1/4 SEC. 34

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

## 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	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Garden Gulch Mkr	Dakota	Park City	McCracken
Point 3	Burro Canyon	Rico (Goodridge)	Aneth
"X" Mkr	Cedar Mountain	Supai	Simonson Dolomite
"V" Mkr	Buckhorn	Wolfcamp	Sevy Dolomite
Douglas Creek	JURASSIC	CARBON I FEROUS	North Point
W. Bicarbonate	Morrison	Pennsylvanian	SILURIAN
W. Limestone	Salt Wash	Oquirrh	Laketown Dolomite
Castle Peak	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  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
 Lomax Exploration Company

3. ADDRESS OF OPERATOR  
 P.O. BOX 1446 Roosevelt, UT 84066 (801) 722-5103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface NE/NW  
 At proposed prod. zone 1980' FWL & 660' FNL

5. LEASE DESIGNATION AND SERIAL NO.  
 U-62848

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Monument Butte Federal

9. WELL NO.  
 #3-34

10. FIELD AND POOL, OR WILDCAT  
 Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 34, T8S, R16E

12. COUNTY OR PARISH  
 Duchesne

13. STATE  
 UT

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 660'

16. NO. OF ACRES IN LEASE  
 360

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. 1320'

19. PROPOSED DEPTH  
 6500'

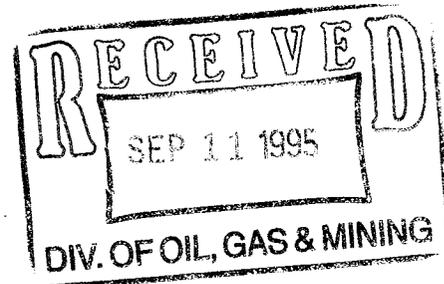
20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5603' GR

22. APPROX. DATE WORK WILL START\*  
 4th Quarter 1995

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'	240 sx Class C + 2% CaCl
7 7/8	5 1/2	15.5#	TD	530 sx Hilift followed by 450 sx Class G w/ 2% CaCl



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

24. SIGNED Brad Mechem *Brad Mechem* TITLE Operations Manager DATE 8/24/95

(This space for Federal or State office use)

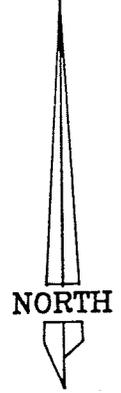
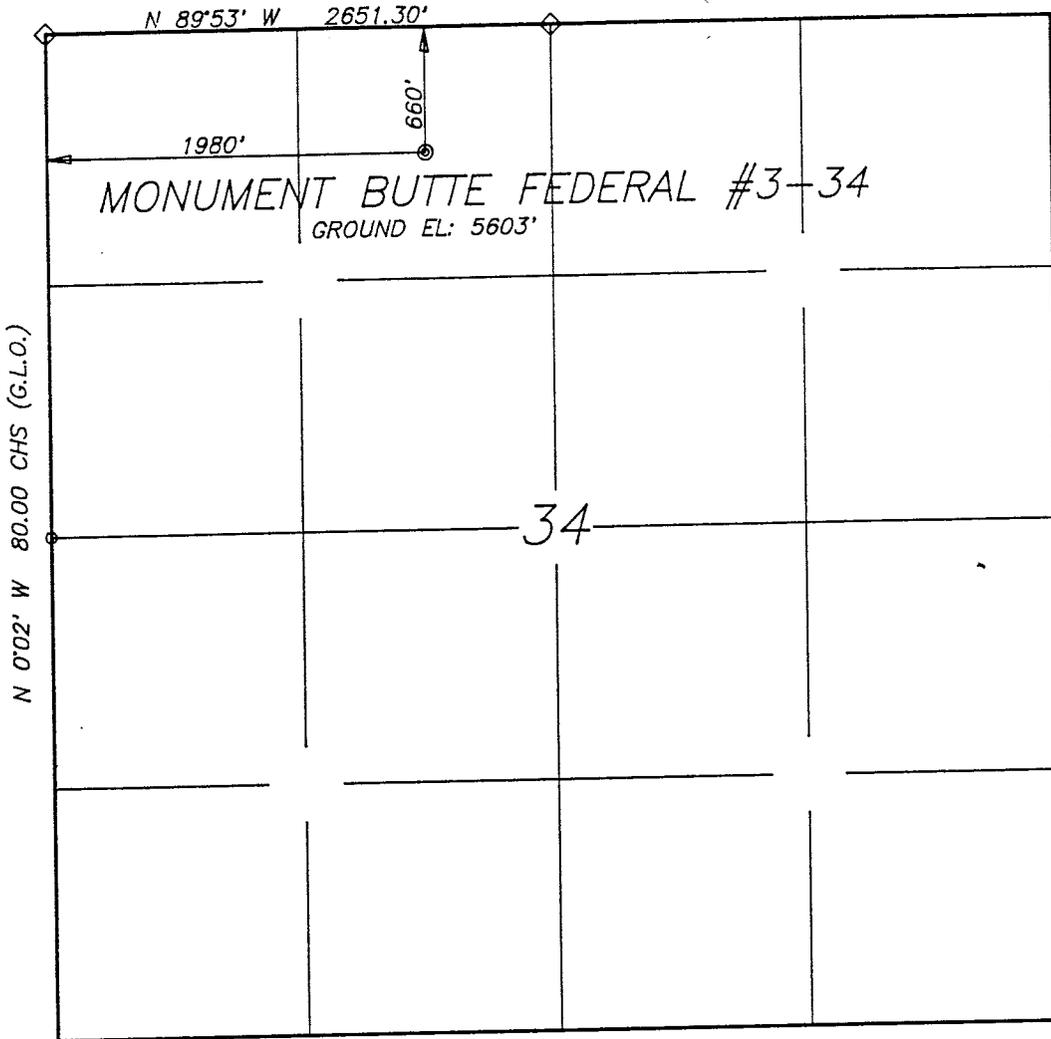
PERMIT NO. 43-013-31518  
 APPROVED BY JR Matthew TITLE Petroleum Engineer APPROVAL DATE 9/28/95  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

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

LOMAX EXPLORATION CO.  
 WELL LOCATION PLAT  
 MONUMENT BUTTE FEDERAL #3-34

LOCATED IN THE NE1/4 OF THE NW1/4  
 SECTION 34, T8S, R16E, S.L.B.&M.

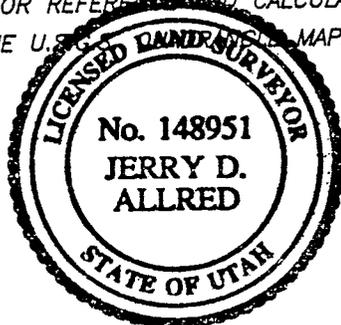


SCALE: 1" = 1000'

LEGEND AND NOTES

- ◇ ORIGINAL CORNER MONUMENTS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS, AS WAS THE U.S.G. MAP.

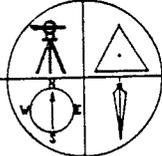


SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

*Jerry D. Allred*

JERRY D. ALLRED, REGISTERED LAND SURVEYOR,  
 CERTIFICATE NO. 148951 (UTAH)



**JERRY D. ALLRED & ASSOCIATES**  
 SURVEYING CONSULTANTS  
 121 NORTH CENTER STREET  
 P.O. BOX 975  
 DUCHESNE, UTAH 84021  
 (801)-738-5352

30 JUNE 1995

84-121-014

**MONUMENT BUTTE FEDERAL #3-34  
NE/NW SEC. 34, T8S, R16E  
DUCHESNE COUNTY, UTAH  
LEASE #U-62848**

**HAZARDOUS MATERIAL DECLARATION**

LOMAX EXPLORATION COMPANY guarantees that during the drilling & completion of the above referenced well, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986.

LOMAX EXPLORATION COMPANY guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

JOHNSON WATER DISTRICT  
R.R. 3 BOX 3188  
ROOSEVELT, UT 84066  
TELEPHONE (801) 722-2620

May 16, 1995

TO WHOM IT MAY CONCERN:

Lomax Exploration Company has purchased a 3 inch water connection with Johnson Water District to supply Monument Butte oilfield.

Johnson Water District has given permission to Lomax Exploration Company to use water from our system for the purpose of drilling and completing the Monument Butte Federal 12-25, 11-25, 4A-35R, 9-2, 3-34, 4-1, 15-36, and 14-25.

Sincerely,



Karen Ashby,  
Secretary

**LOMAX EXPLORATION COMPANY  
MONUMENT BUTTE FEDERAL #3-34  
NW/NW SECTION 34, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**TEN POINT WELL PROGRAM**

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

Uinta	0' - 3030'
Green River	3030'
Wasatch	6500'

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

Green River Formation 4000' - 6200' - Oil

4. **PROPOSED CASING PROGRAM**

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

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

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

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

(See Exhibit F)

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

It is proposed that the hole be drilled with fresh water to the Green River Formation @ approximately 3030', 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 drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500'. The cement log will be run from PBTD to cement top. The use of mud loggers to be determined at a later date.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence the 4th quarter of 1995, and take approximately nine days to drill.

**LOMAX EXPLORATION COMPANY  
MONUMENT BUTTE FEDERAL #3-34  
NE/NW SECTION 34, T8S, R16E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT WELL PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Lomax Exploration Company well location site Monument Butte Federal #3-34 located in the NE 1/4 NW 1/4 Section 34, T8S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 1.9 miles to its junction with Utah State Highway 216; proceed southerly along State Highway 216 - 4.4miles to its junction with an existing dirt road to the southwest; proceed southwesterly along this road 3.2 miles to its junction with the beginning of the proposed access road to be discussed in Item #2.

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

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

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

**2. PLANNED ACCESS ROAD**

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the NE 1/4 NW 1/4 Section 34, T8S, R16E, S.L.B. & M., and proceeds in a westerly direction approximately 900'  $\pm$  to the proposed location site.

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

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

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

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

3. LOCATION OF EXISTING WELLS

There are eight (8) producing , five (5) injection and one (1) P&A Lomax Exploration wells, four (4) producing, two (2) injection Ensearch wells, and one (1) producing Balcron well, within a one (1) mile radius of this location.  
See Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

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

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

Tank batteries will be placed on a per Sundry Notice if the well is completed as a producer.

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

5. LOCATION AND TYPE OF WATER SUPPLY

At the present time, it is anticipated that the water for this well will be transported through a temporary surface pipeline from our pre-approved Inland Production Company fresh water supply line located at the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E) location as indicated on Topographic Map - Exhibit "C".

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

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road. (Pit lining material is referred to in Item #7.)

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

A reserve pit will be constructed and lined with a plastic nylon reinforced line so as not to leak, break, or allow discharge. It will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The line will overlap the pit wall and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed on in the pit.

After first production, produced water will be confined to a pit or storage tank for a period not to exceed one hundred twenty (120) days. During the one hundred twenty (120) day period, in accordance with the NTL-2B, an application for approval of permanent disposal method and location, along with required water analysis, shall be submitted for the Authorized Officers approval.

A portable toilet will be provided for human waste.

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

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

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

There will be no flare pit on this well.

The stockpiled topsoil (first six (6) inches) will be stored on the north side near stake #8.

Access to the well pad will be from the west side near stake #8.

Fencing Requirements

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

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.

- b) The net wire shall be nor more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

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

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

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

If a plastic nylon reinforced liner is used, it shall be torn and perforated before back filling of the reserve pit.

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

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

b) *Dry Hole Abandoned Location*

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

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

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

There are no dwellings or facilities in the general area. There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site.

*Additional Surface Stipulations*

A silt catchment dam, if any, will be specified by BLM, in the Conditions of Approval.

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

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

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

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

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham  
Address: P.O. Box 1446 Roosevelt, Utah 84066  
Telephone: (801) 722-5103

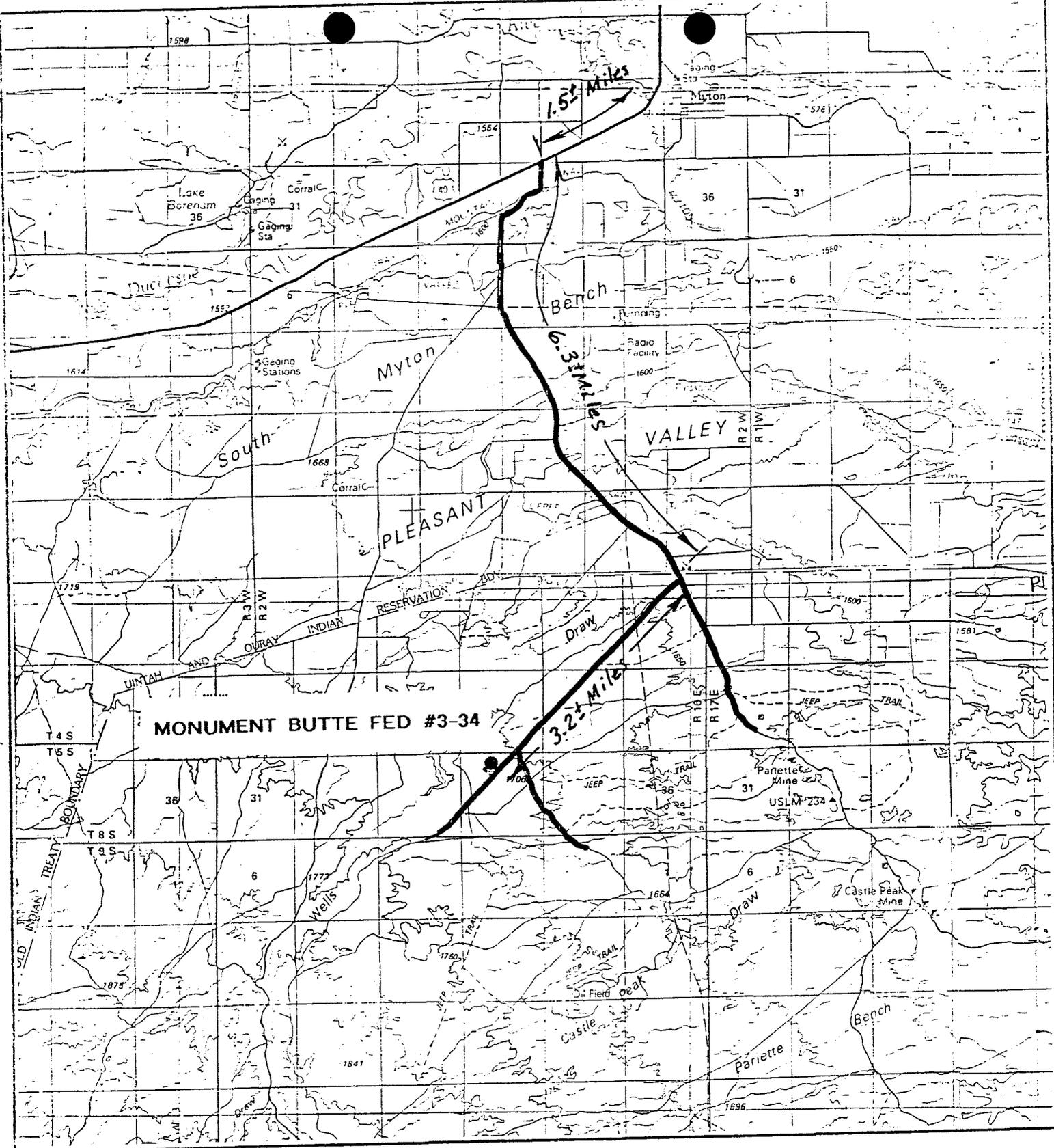
Certification

Please be advised that LOMAX EXPLORATION COMPANY is considered to be the operator of Well #3-34 NE/NW Section 34, Township 8S, Range 16E: Lease #U-16535 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

9-8-95  
Date

Brad Mecham  
Brad Mecham  
Operations Manager



MONUMENT BUTTE FED #3-34

3.2 Miles

0.5 Miles

1.5 Miles

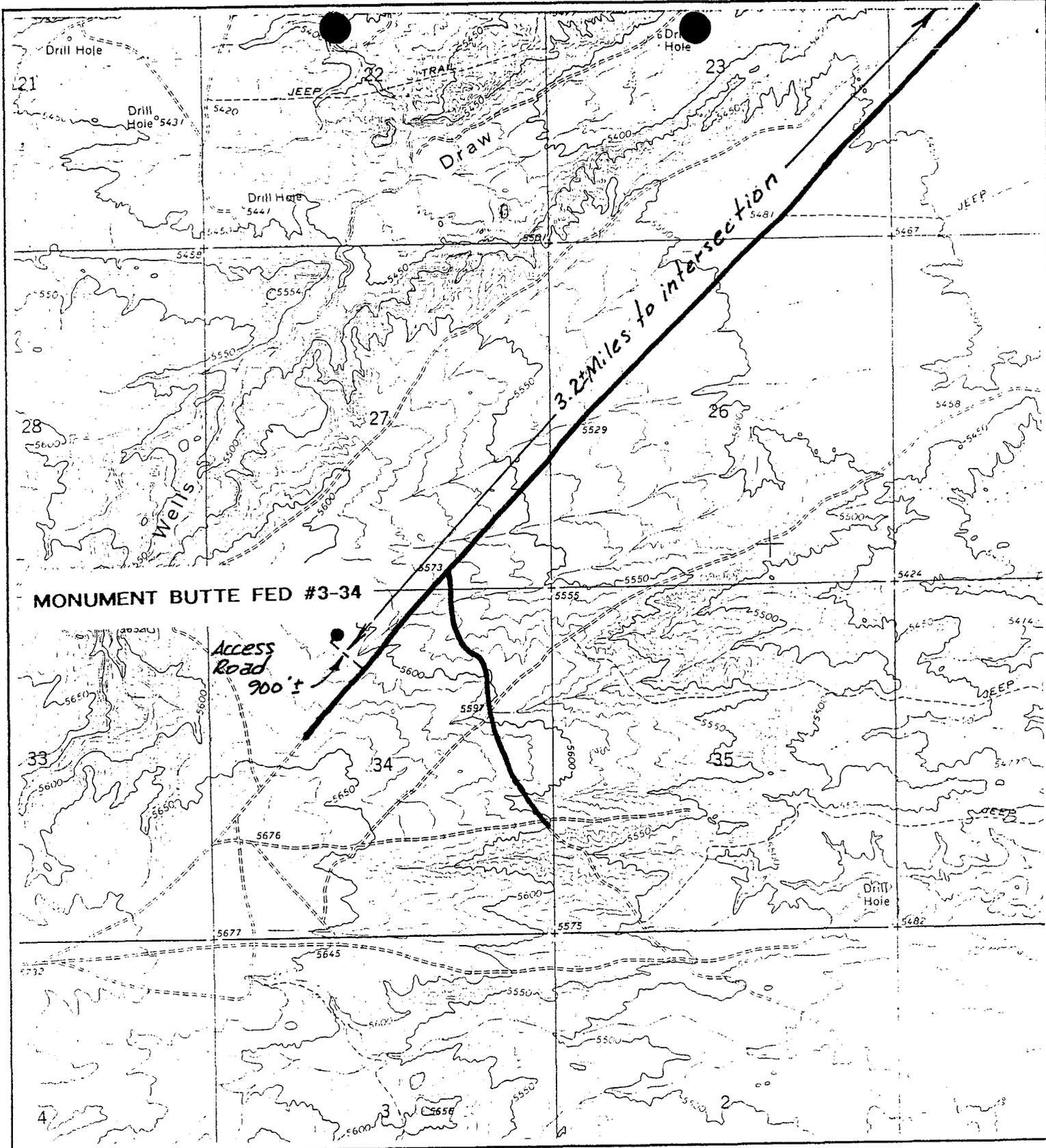
TOPOGRAPHIC  
MAP "A"



LOMAX EXPLORATION CO.  
MONUMENT BUTTE FED #3-34  
SECTION 34, T8S, R16E, S.L.B.&M.

3 July '95

84-121-014



TOPOGRAPHIC  
 MAP "B"  
 SCALE: 1"=2000'



LOMAX EXPLORATION CO.  
 MONUMENT BUTTE FED #3-34  
 SECTION 34, T9S, R16E, S.L.B.&M.

3 July '95

84-121-014

POWER LINE  
WATER SOURCE

JOHNSON WATER LINE R 2 W

ALTERNATE ACCESS ROAD

# Lomax

RIGHT-OF-WAY and ACCESS  
FOR FRESH WATER PIPELINE  
DUCHESE CO., UTAH  
EXHIBIT C

Date: 10/88 REVISED 3/89 BY: D. TAYLOR

SCALE 1:24,000

T 4 S  
PLEASANT VALLEY

A S  
T 4 S

P L E A S A N T  
V A L L E Y

T 8 S

T 8 S

PUMP BLDG.

R 16 E

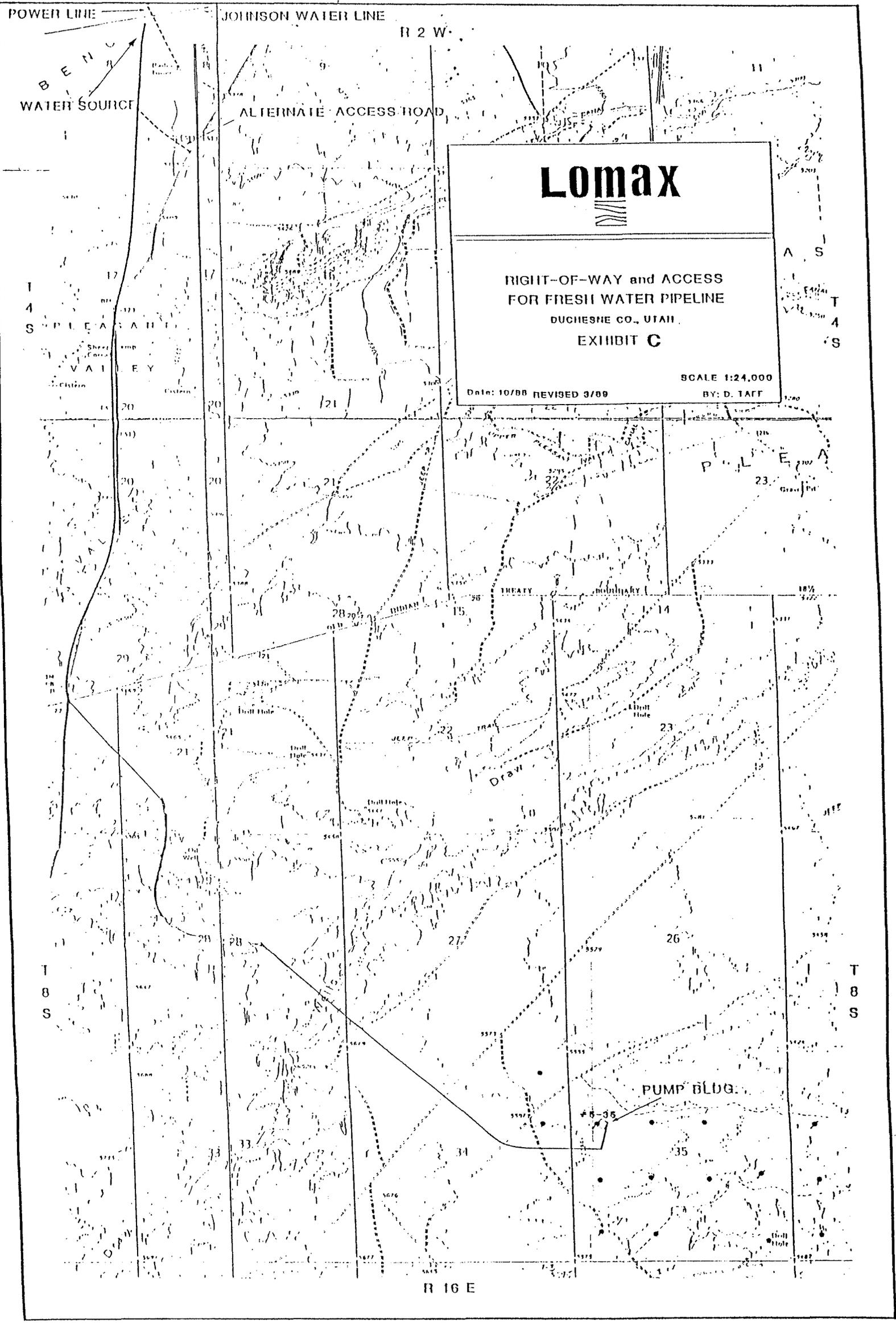
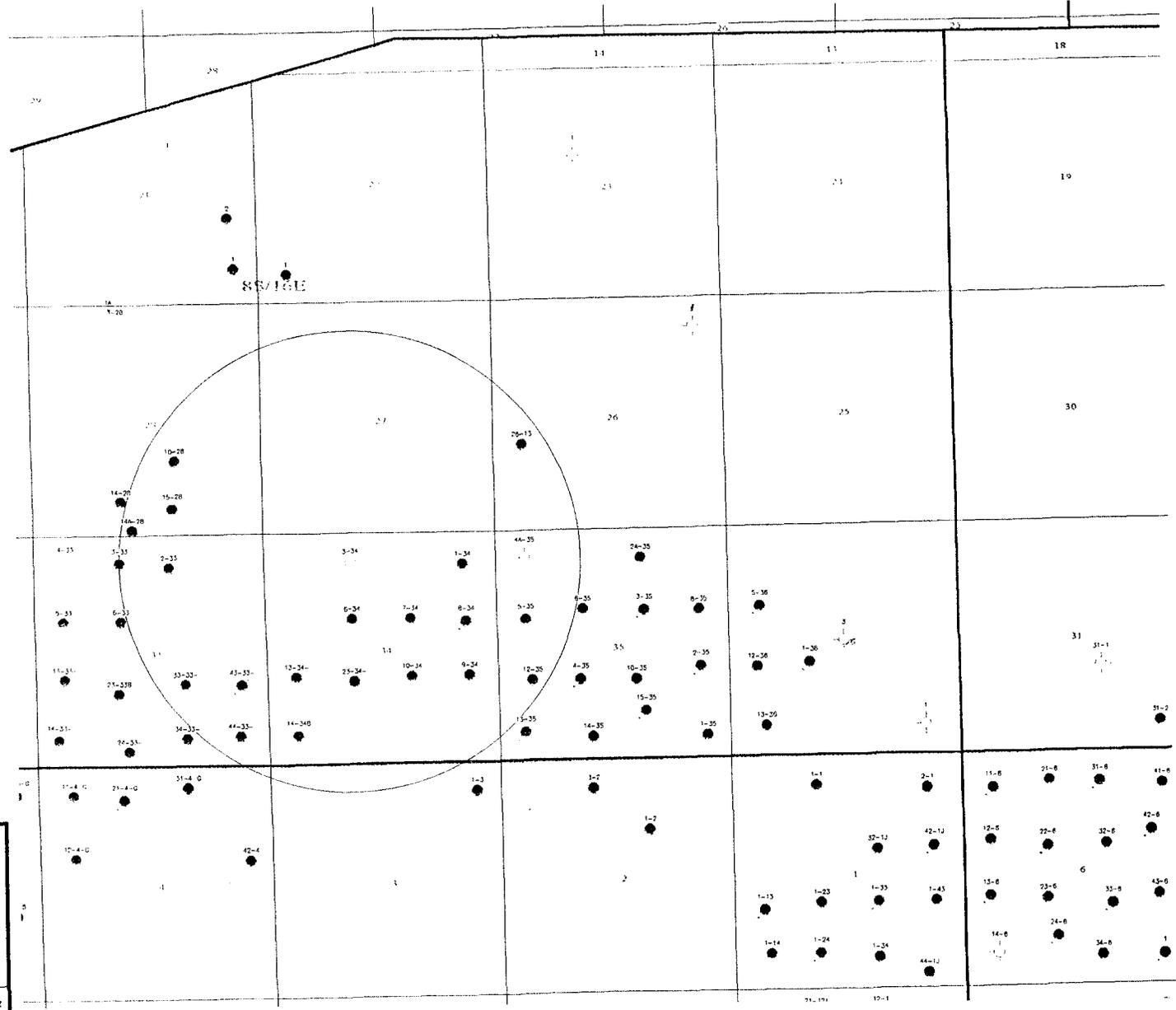


EXHIBIT "D"



**Inland**  
RESOURCES INC.

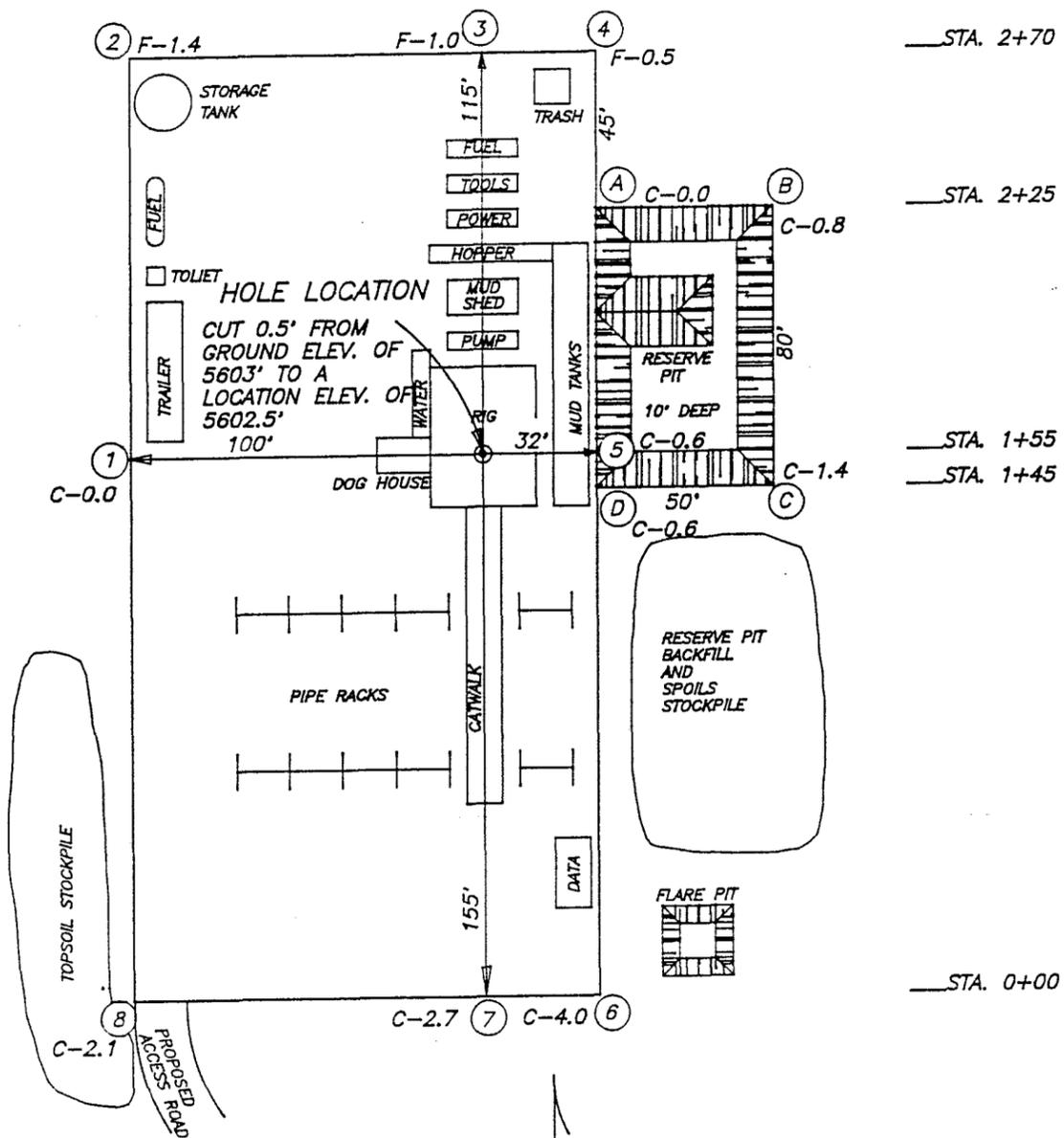
475 17<sup>th</sup> Street Suite 1500  
Denver, Colorado 80202  
Phone (303)-292-0900

**Monument Butte Fed 3-34**  
NENW Section 34 T8S R16E  
Duchesne County, Utah

Date: 5-15-95 David Gerbig

# LOMAX EXPLORATION CO. WELL LAYOUT PLAT MONUMENT BUTTE FEDERAL #3-34

LOCATED IN THE NE1/4 OF THE NW1/4 OF SECTION 34,  
TOWNSHIP 8 SOUTH, RANGE 16 EAST, S.L.B.&M.



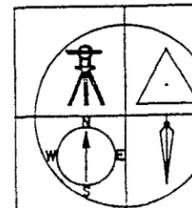
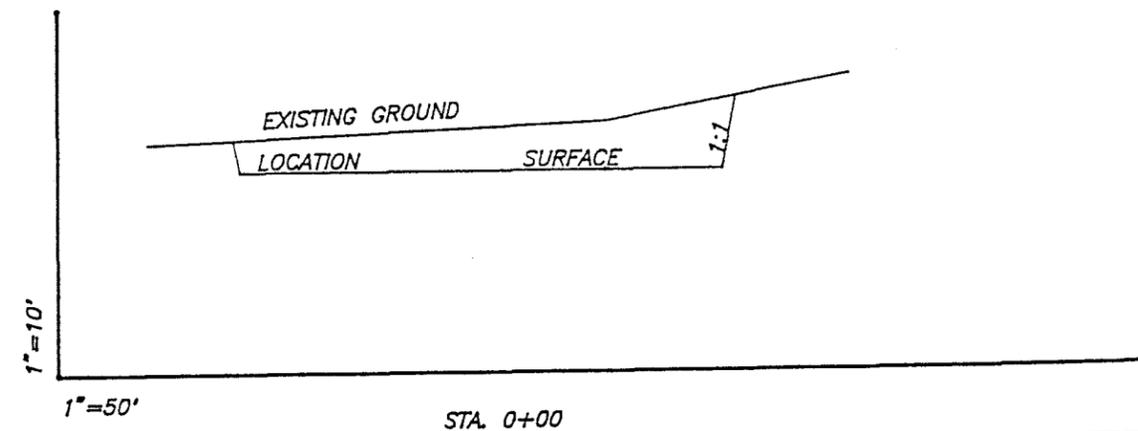
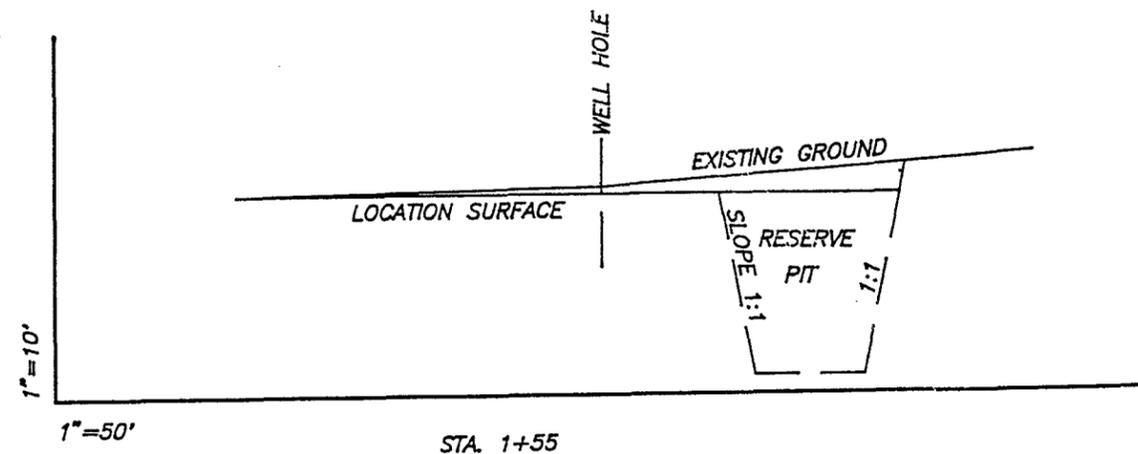
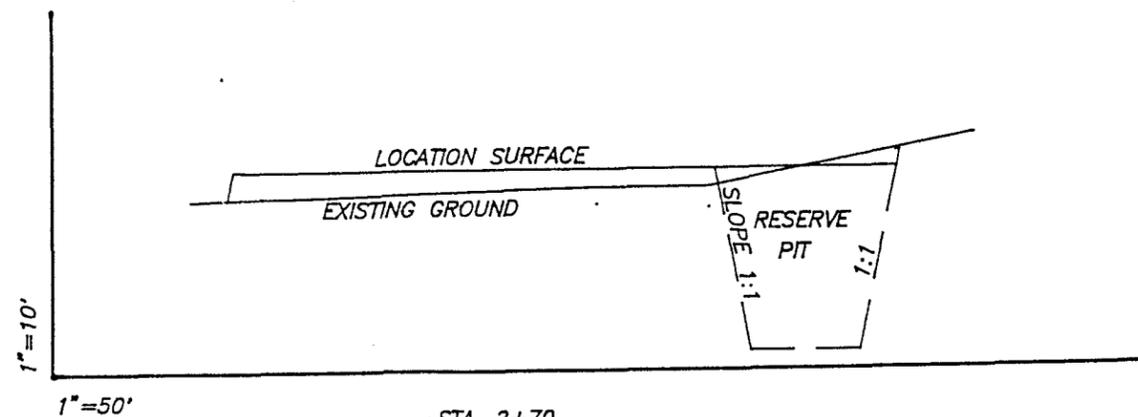
SCALE: 1"=50'



PREVAILING WIND DIRECTION

APPROXIMATE QUANTITIES

CUT: 2600 CU. YDS. (INCLUDES PIT)  
FILL: 400 CU. YDS.



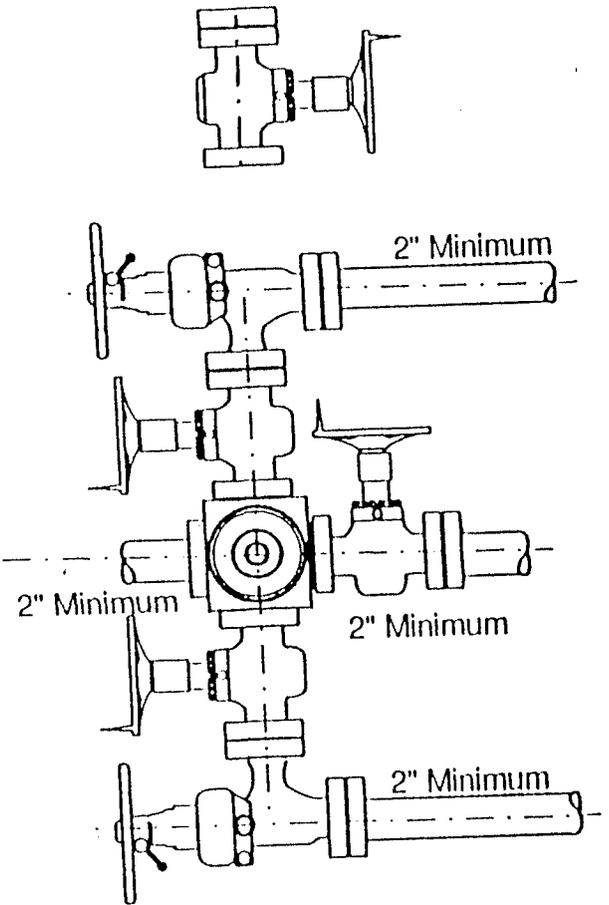
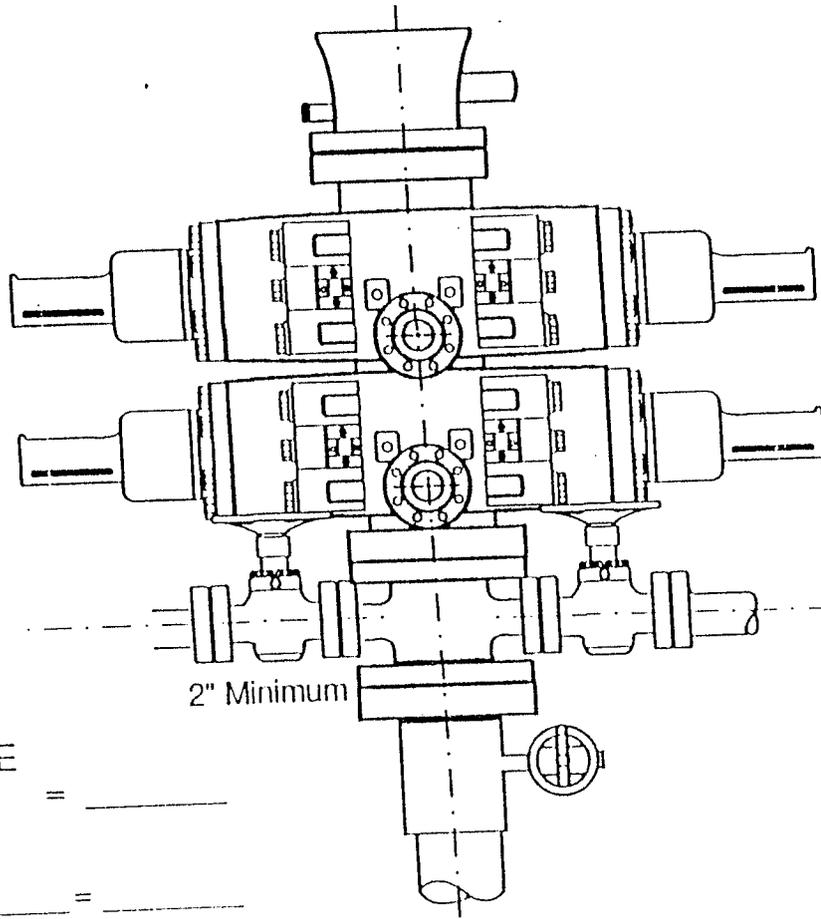
JERRY D. ALLRED AND ASSOCIATES  
Surveying and Engineering Consultants

121 NORTH CENTER STREET  
P.O. BOX 975  
DUCHESNE, UTAH 84021  
(801) 738-5352

# 2-M SYSTEM

EXHIBIT F

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



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

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

A CULTURAL RESOURCES SURVEY OF INLAND #3-34 AND #4-1 WELLS  
AND ACCESS ROADS, DUCHESNE COUNTY, UTAH

by

Lynita S. Langley  
Archaeologist

and

Heather M. Weymouth  
Archaeologist

Prepared for:

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

Prepared By:

Sagebrush Archaeological Consultants, L.L.C.  
3670 Quincy Avenue, Suite 203  
Ogden, Utah 84403

Under Authority of Cultural Resources Use Permit No. 94-UT-54630

and

Utah State Antiquities Permit No. U-95-SJ-365b

Archaeological Report No. 776

July 17, 1995

## INTRODUCTION

In July 1995, Lomax Explor. Company of Roosevelt, Utah (Lomax) requested that Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) conduct a cultural resources inventory of Inland Monument Butte Federal wells #3-34 and #4-1 and one access road in Duchesne County, Utah.

The proposed wells are located in T. 8S., R. 16E., S. 34 and in T. 9S., R. 16E., S. 1. Lands in both of these sections are controlled by the Bureau of Land Management (BLM). Footages for well #3-34 are 1980 FWL and 660 FNL. Footages for well #4-1 are 608 FWL and 779 FNL. The project area lies on the USGS 7.5' Quadrangle Myton SE, Utah (1964) (Figure 1). The field inspection was carried out by the authors on July 11, 1995 under authority of Cultural Resources Use Permit No. 94-UT-54630 and Utah State Antiquities Permit No. U-95-SJ-365b.

A file search for previously recorded cultural resources sites and paleontological localities near the project area was conducted by Heather M. Weymouth at the Division of State History, Utah State Historic Preservation Office, Salt Lake City on July 11, 1995 to determine if any cultural resources projects have been conducted or sites recorded near the project area. An additional file search was conducted through Blaine Phillips, Vernal District BLM Archaeologist, on July 10, 1995 prior to conducting the fieldwork.

More than 25 previous cultural resources projects have been conducted in the area of the current project. Due to the large number of individual projects conducted in the area, individual project descriptions will not be listed. However, 14 individual sites, including both project-related and individual sites, have been previously recorded in the vicinity of the current project area. Following is a brief description of these sites:

**Site 42Dc341.** This site, located northwest of Castle Peak Draw, is a lithic quarry consisting of core materials, lithic siltstone flakes, and one siltstone biface. This site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc351.** This site, located in Castle Peak Draw, is a small rock shelter with associated lithic artifacts. No recommendations concerning eligibility to the NRHP have been made for this site.

**Site 42Dc352.** This site, located in Castle Peak Draw, is a historic cache or temporary camp. Artifacts identified consist of jars, cans, a bucket, and a .22 caliber rifle. This site was recommended ELIGIBLE to the NRHP.

**Site 42Dc381.** This site, located on the south slope in the vicinity of Castle Peak Draw, is a thin scatter of flakes and a biface. The site shows signs of depth and may reveal further information about the area's early inhabitants. The site is recommended ELIGIBLE to the NRHP.

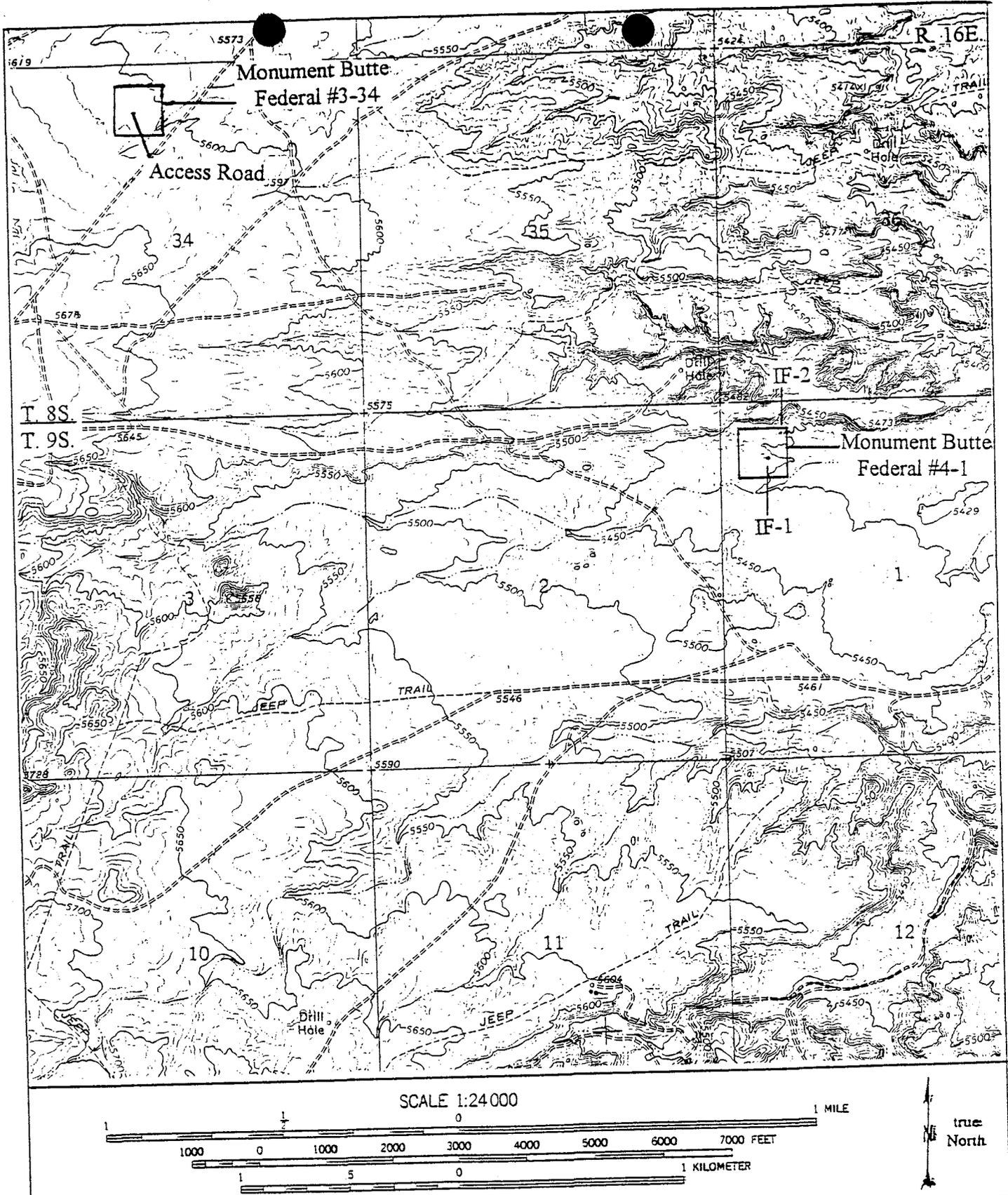


Figure 1. Location of area surveyed for Lomax wells Monument Butte Federal #3-34 and #4-1 and one associated access road, Taken from: USGS 7.5' Quadrangle Myton SE, Utah (1964).

**Site 42Dc388.** This site, located on a sandy bench above Wells Draw, is a small lithic scatter with core flakes, biface manufacturing flakes, and numerous bifaces representing all stages of manufacture. This site is recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc389.** This site, located on a bench on the east side of Wells Draw, is a historic sheep camp consisting of tin cans, a crockery jar a fragments of purple glass. Also noted were wood, bone and coal fragments. The site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc428.** This site, located on a ridge top north of Castle Peak Draw, is a sheep camp possibly dating to the 1940s. The site consists of a small trash scatter including tin cans, glass, baling wire and ceramics. This site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc503.** This site, located below a sandstone outcrop east of Wells Draw, is a large lithic scatter with many roughly worked bifaces as well as several lithic cores and flakes. This site was recommended ELIGIBLE to the NRHP.

**Site 42Dc504.** This site, located in the cut of a dirt road east of Wells Draw, is a possible lithic quarry with cores and flakes. This site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc505.** This site, located in the cut of a dirt road east of Wells Draw, is a sparse lithic scatter consisting of four to five worked pieces of chalcedony and one secondary flake of the same material. This site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc537.** This site, located on a flat terrace in the bottom of Wells Draw, is a sparse lithic scatter consisting of core shatter fragments and primary flakes in association with a rock alignment. This site was recommended ELIGIBLE to the NRHP.

**Site 42Dc538.** This site, located along a sandstone outcrop on the eastern slope of Wells Draw, is a sparse lithic scatter consisting of core shatter fragments and primary flakes of a local variety of siltstone. One hammerstone and one biface blank were found at the site. This site was recommended ELIGIBLE to the NRHP.

**Site 42Dc584.** This site, located on a terrace on the north crest of Wells Draw, is a lithic reduction and biface blank preparation area. No tools were noted at this site. The site was recommended NOT ELIGIBLE to the NRHP.

**Site 42Dc596.** This site, located on a gentle slope near Wells Draw, is a lithic scatter consisting of chert tool blanks, one scraper, two bifacially flaked cobbles, one biface blade and one primary flake. The site was recommended as ELIGIBLE to the NRHP.

No additional cultural resource sites have been recorded in this area. No paleontological localities are listed as being located within the current project area. The National Register of Historic Places (NRHP) was consulted prior to the commencement of fieldwork for the present project. No NRHP sites were found located in the vicinity of the current project area.

## ENVIRONMENT

The well pads surveyed during this project lie approximately eight miles south-southeast of Myton, Utah near Wells Draw. Both well pads and access roads lie in an area of low rolling tablelands dissected by deep drainages and low eroding bedrock outcrops of sandstone and limestone. Soils in the area are poorly developed and extremely sandy in nature. Sediments consist of very fine grained, buff colored sand intermixed with many small angular gravels composed of a blocky chert material, quartzite, mudstone and sandstone. The elevation of the project area ranges from approximately 5370 to 5600 feet a.s.l. Vegetation in the survey area covers approximately 30 percent of the surface and is predominantly shadscale community species.

Noted species include greasewood, bunch grass, prickley pear cactus, spiny horsebrush, riddel groundsel, Indian ricegrass, gray rabbitbrush, spiny hopsage, bladderpod, vetch and buckwheat, and various other desert species. The nearest permanent water source is Antelope Creek which is located approximately six miles to the northwest. Natural disturbance in the area consists primarily of sheetwash erosion and arroyo cutting. Cultural disturbance includes pre-existing well pad locations, and a number of roads and access roads which lead to well locations.

## METHODOLOGY

The survey area covered during this project consists of two ten acre parcels of land centered on proposed well heads and one access road corridor connecting the Inland well #3-34 to pre-existing well location access roads. The well pads were inventoried by the authors in parallel transects spaced no more than 45 feet [ft] (15 meters [m]) apart. The access road, which totaled 900 ft (274 m) in length, was walked in two parallel transects spaced 30 ft (10 m) apart to cover a corridor width of 100 ft (30 m). The area surveyed on this project (including both well pads and the access road) totaled 22.06 acres.

## RESULTS

The archaeological survey resulted in the documentation of two prehistoric isolated finds. Both isolated artifacts were located during the survey of Monument Butte Federal well #4-1 (Figure 1). Isolated Find 1 (IF-1) consists of a large gray chert tertiary flake measuring 3.3 cm long by 3.0 cm wide by 0.6 cm thick. IF-2 consists of a bifacially flaked chert cobble measuring 10.5 cm. long by 3.5 cm wide by 1.5 cm thick.

One previously recorded site, 42Dc341, was relocated during survey for the current project. This site, recommended ineligible to the NRHP at the time of its initial recordation, was determined to be 100 ft (30 m) west of the northwest corner of the Monument Butte Federal well #4-1 survey area. Therefore, this site will not be affected by the proposed project.

## RECOMMENDATIONS

Since there were no significant cultural resources nor paleontological resources found, cultural and paleontological clearance is recommended for the proposed project.

This investigation was conducted with techniques which are considered to be adequate for evaluating cultural and paleontological resources which could be adversely affected by the project. However, should such resources be discovered during construction, a report should be made immediately to the BLM District Archaeologist, Vernal District Office, Vernal, Utah.

## REFERENCES CITED

Phillips, Blaine

1995 Personal communication. [Conversation on July 10, 1995 between Blaine Phillips, Vernal District BLM Archaeologist, and Heather Weymouth of Sagebrush]. Notes on file at Sagebrush Archaeological Consultants, L.L.C., Ogden, Utah.

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/11/95

API NO. ASSIGNED: 43-013-31518

WELL NAME: MONUMENT BUTTE FED 3-34  
 OPERATOR: INLAND RESOURCES CO. (N5160)

PROPOSED LOCATION:  
 NENW 34 - T08S - R16E  
 SURFACE: 0660-FNL-1980-FWL  
 BOTTOM: 0660-FNL-1980-FWL  
 DUCHESNE COUNTY  
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED  
 LEASE NUMBER: U - 62848

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal  State  Fee   
 (Number 4488944)

Potash (Y/N)

Oil shale (Y/N)

Water permit  
 (Number JOHNSON WATER DISTRICT)

RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_

R649-3-2. General.

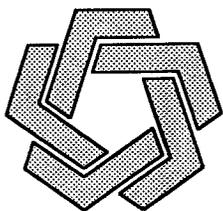
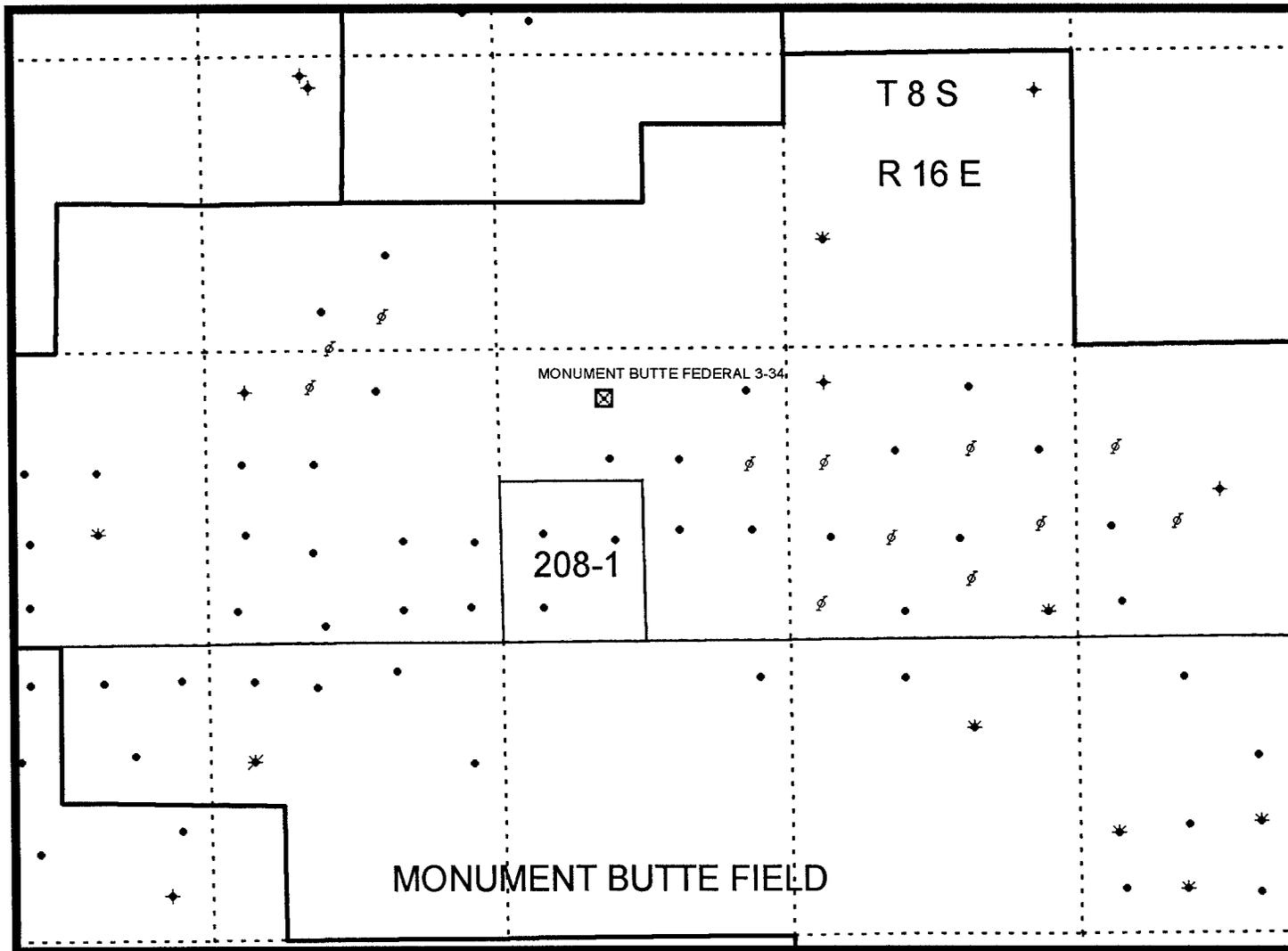
\_\_\_ R649-3-3. Exception.

\_\_\_ Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

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

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

INLAND RESOURCES  
MONUMENT BUTTE DEVELOPMENT  
SEC. 34, T8S, R16E  
DUCHESNE COUNTY, STATE SPACING  
OFFSET TO CAUSE No. 208-1 11-17-83



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

DATE: 9/12/95



**EQUIPMENT INVENTORY**  
**UTAH DIVISION OF OIL, GAS AND MINING**  
**STATE OF UTAH**

Operator: INLAND PRODUCTION Lease: State:      Federal: X Indian:      Fee:     

Well Name: FEDERAL #3-34 API Number: 43-013-31518

Section: 34 Township: 8S Range: 16E County: DUCHESNE Field: MON BUTTE

Well Status: POW Well Type: Oil: YES Gas:     

**PRODUCTION LEASE EQUIPMENT: (NUMBER)**

Boiler(s):      Compressor(s):      Separator(s):      Dehydrator(s):     

Shed(s):      Line Heater(s):      Heated Separator(s):      VRU:     

Heater Treater(s): YES

**PUMPS:**

Triplex:      Chemical:      Centrifugal: (1)

**LIFT METHOD:**

Pumpjack: YES Hydraulic:      Submersible:      Flowing:     

**GAS EQUIPMENT: (NUMBER)**

Purchase Meter: NO Sales Meter: YES

**TANKS:**

NUMBER

SIZE

Oil Storage Tank(s): YES 2-400 BBLs

Water Tank(s): YES 1-200 BBLs

Power Water Tank:           BBLs

Condensate Tank(s):           BBLs

Propane Tank:     

**Central Battery Location: (IF APPLICABLE)**

Qtr/Qtr:      Section:      Township:      Range:     

REMARKS: CENTRIFUGAL IS FOR HEAT TRACE. GAS SALES LINE NOT RUN YET, NO  
SALES. EQUIPMENT RUNNING ON RESIDUE GAS.

Inspector: DENNIS L. INGRAM Date: 12/27/95

Inland Production Company

FEDERAL # 3-34

SEC 34; T85; R16E

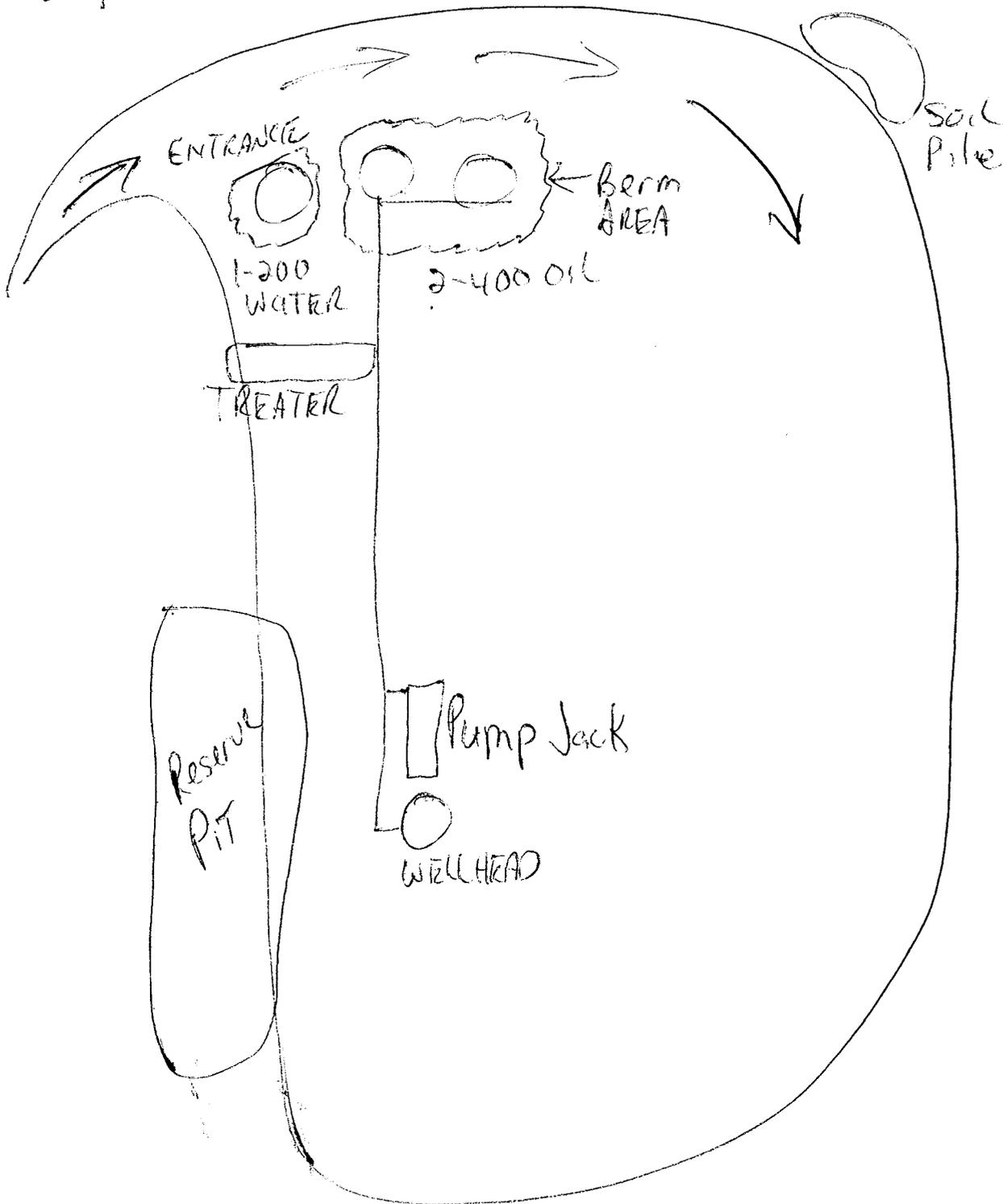
(POW)

U-62848

43-013-31518

10/27/95

NORTH



22-141 50 SHEETS  
22-142 100 SHEETS  
22-144 200 SHEETS





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)

September 28, 1995

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

Re: Federal #3-34, Well, 660' FNL, 1980' FWL, NE NW, Sec. 34 T. 8 S., R. 16 E  
Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31518.

Sincerely,

R. J. Firth  
Associate Director

pjl

Enclosures

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

Operator: Lomax Exploration Company

Well Name & Number: Monument Butte Federal 3-34 Well

API Number: 43-013-31518

Lease: Federal U-62848

Location: NE NW Sec. 34 T. 8 S. R. 16 E.

### Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

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

DOGMA

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
Lomax Exploration Company

3. ADDRESS OF OPERATOR  
P.O. BOX 1446 Roosevelt, UT 84066 (801) 722-5103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At surface NE/NW  
At proposed prod. zone 1980' FWL & 660' FNL 43.017-31518

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'  
16. NO. OF ACRES IN LEASE 360

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1320'  
19. PROPOSED DEPTH 6500'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5603' GR

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

20. ROTARY OR CABLE TOOLS  
Rotary

22. APPROX. DATE WORK WILL START\*  
4th Quarter 1995

5. LEASE DESIGNATION AND SERIAL NO.  
U-62848  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Monument Butte Federal  
9. WELL NO.  
#3-34  
10. FIELD AND POOL, OR WILDCAT  
Monument Butte  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 34, T8S, R16E  
12. COUNTY OR PARISH  
Duchesne  
13. STATE  
UT

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'	240 sx Class C + 2% CaCl
7 7/8	5 1/2	15.5#	TD	530 sx Hilift followed by 450 sx Class G w/ 2% CaCl

RECEIVED  
OCT 2 1995  
DIV. OF OIL, GAS & MINING

RECEIVED  
SEP 11 1995

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

24. SIGNED Brad Mechem *Brad Mechem* TITLE Operations Manager DATE 8/24/95

NOTICE OF APPROVAL

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

APPROVED BY *Jerry Stough* TITLE ASSISTANT DISTRICT MANAGER MINERALS DATE SEP 27 1995

CONDITIONS OF APPROVAL ATTACHED

UT080-5M-219

\*See Instructions On Reverse Side

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: FEDERAL 3-34

Api No. 43-013-31518

Section 34 Township 8S Range 16E County DUCHESNE

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

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

SPUDED: Date 10/10/95

Time \_\_\_\_\_

How DRY HOLE

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

Reported by D. INGRAM-DOGM

Telephone # \_\_\_\_\_

Date: 10/12/95 Signed: JLT

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM

Additional Surface Stipulations

No construction or drilling activities shall be conducted between March 15 and August 15, 1996 unless a separate additional survey is made to determine if plovers or owls will be impacted. This location is near potential plover and burrowing owl habitat.

The operator shall file for application for a permanent water disposal method and location in accordance with Onshore Order #7 which has replaced NTL-2B as the name of the pertinent regulations regarding such applications. Same 120 day time frame as mentioned in the APD would apply.

A flare pit will be required during drilling unless this requirement is waived by the Vernal District Petroleum Engineer and/or Assistant District Manager for Minerals Operations.

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

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

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

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

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

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

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

Wayne Bankert           (801) 789-4170  
Petroleum Engineer

Ed Forsman             (801) 789-7077  
Petroleum Engineer

BLM FAX Machine       (801) 781-4410

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

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

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

7. Other Information

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

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

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

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

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

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

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

6. Notifications of Operations

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

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

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

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

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

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

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

3. Casing Program and Auxiliary Equipment

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

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at  $\pm 568$  ft. or by setting the surface casing at  $\pm 618$  ft. and have a cement top for the production casing at least 200 ft. above the Mahogany Oil Shale, identified at  $\pm 2509$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to **2309 ft.** if the surface casing is set at  $\pm 618$  ft. or it will be run to  $\pm 368$  ft. if the surface casing is set at  $\pm 300$  ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

### A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

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

#### 2. Pressure Control Equipment

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

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

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

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production

Well Name & Number: Monument Federal 3-34

API Number: 43-013-31518

Lease Number: U-62848

Location: NENW Sec. 34 T. 8S R. 16E

**NOTIFICATION REQUIREMENTS**

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

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

10-23-95

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.  
U-62848

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
Mon Butte Fed #3-34

2. Name of Operator  
INLAND PRODUCTION COMPANY

9. API Well No.  
43-013-31518

3. Address and Telephone No.  
P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103

10. Field and Pool, or Exploratory Area  
Monument Butte

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
NE/NW 1980' FWL & 660' FNL  
Sec 34 T8S, R16E

11. County or Parish, State  
Duchesne County, UT

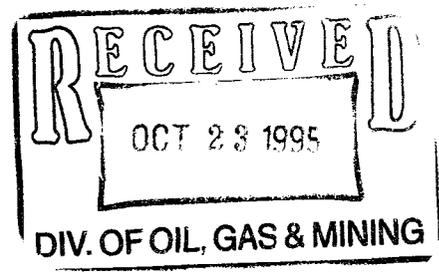
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

Weekly Status Report for week of 10/10/95  
Drilled 330' pf 12 1/4" hole w/ Leon Ross Rathole Rig.  
Set 313.18' of 8 5/8" csg. Drilled Mouse & Rathole.  
Cmt w/ 260 sx premium plus 2% CaCl + 1/4# sk flocele.  
SPUD @ 1:30 p.m. 10/10/95



14. I hereby certify that the foregoing is true and correct  
Signed Brad Mechan *Brad Mechan* Title Operations Manager Date 10/18/95

(This space for Federal or State office use)  
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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

OPERATOR Inland Production Company

OPERATOR ACCT. NO. 15160

ADDRESS P.O. Box 1446

Roosevelt, UT 84066

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					NO	SE	TP	RG	COUNTY		
A	99999	11827	43-047-32673	Pariette Draw Fed. #7-23	SWNE	23	8S	17E	Uintah	9/28/95	9/28/95
WELL 1 COMMENTS: <i>Entities added 10-17-95. Jec</i>											
A	99999	11829	<sup>31509</sup> 43-013-31501	Monument Butte State #8-2	SENE	2	9S	16E	Duchesne	10/6/95	10/6/95
WELL 2 COMMENTS:											
A	99999	11828	43-013-31518	Monument Butte Federal #3-34	NENE	34	8S	16E	Duchesne	10/10/95	10/10/95
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3/89)

Cheryl Cameron *Cheryl Cameron*  
 Signature  
Secretary 10/6/95  
 Title Date  
 Phone No. 801 722-5103

INLAND PRODUCTION CO. TEL: 801-722-5103 Oct 11, 95 10:35 No. 007 P. 02

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>U-62848</b>
2. Name of Operator <b>Inland Production Company</b>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <b>P.O. Box 1446   Roosevelt, UT 84066</b>	7. If Unit or CA. Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NE/NW 1980' FWL &amp; 660' FNL Sec 34, T8S, R16E</b>	8. Well Name and No. <b>Mon Butte Fed #3-34</b>
	9. API Well No. <b>43-013-31518</b>
	10. Field and Pool, or Exploratory Area <b>Monument Butte</b>
	11. County or Parish, State <b>Duchesne County, UT</b>

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

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

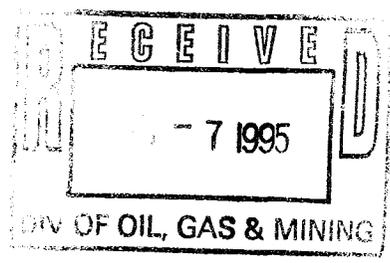
(Note: Report results of multiple completion or well Completion or Recompletion Report and Log term.)

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

**Weekly Status Report for week of 11/19/95 - 11/24/95**

Drilled 7 7/8" hole from 330' - 6250' w/ Kenting Apollo, Rig #59. RIH w/ 6252' of 5 1/2" 15.5# J-55 csg, Set @ 6244' & PBD @ 6198'. Cmt w/ 255 sx Hifill & 370 sx Thixo w/ 10% Cal-Seal. ND BOP's. Set slips. Cut off csg. Clean mud tanks.

**W/O Completion Rig**



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

Signed **Brad Mecham** *Brad Mecham* Title **Operations Manager** Date **12/04/95**

(This space for Federal or State office use) *OCameron*

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

Conditions of approval, if any:

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**U-62848**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103**

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

**NE/NW 1980' FWL & 660' FNL  
Sec. 34, T8S, R16E**

8. Well Name and No.

**Mon. Butte Fed. #3-34**

9. API Well No.

**43-013-31518**

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

**Duchesne County, Utah**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

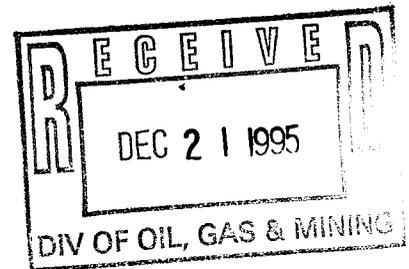
**WEEKLY STATUS REPORT FOR WEEK OF 12/5/95 - 12/12/95:**

12/5/95: Perf CP sd @ 5994' - 6000', 6002' - 6008', 6054' - 6058'  
Frac w/ 111,300# 20/40 sd in 775 gal gel

12/7/95: Perf LDC sd @ 5746' - 5768'  
Frac w/ 79,100# 20/40 sd in 24,885 gal gel

12/9/95: Perf C sd @ 5210' - 17'  
Frac w/ 47,600# sd in 17,792 gal gel

12/12/95: Perf D sd @ 5047' - 5052' & 5084' - 5089'  
Frac w/ 64,700# 20/40 sd in 551 bbls gel



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

Signed **Cheryl Cameron** Title **Regulatory Compliance Specialist** Date **12/19/95**

(This space for Federal or State office use)

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

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

\*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**U-62848**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Mon. Butte Fed. #3-34**

9. API Well No.

**43-013-31518**

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

**Duchesne County, Utah**

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well    Gas Well    Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**P.O. Box 1446 Roosevelt, UT 84066 (801) 722-5103**

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

**NE NW 1980' FWL & 660' FNL  
Sec. 34, T8S, R16E**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

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

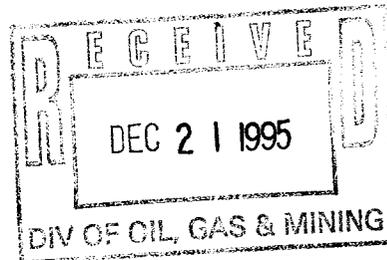
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

**WEEKLY STATUS REPORT FOR WEEK OF 12/16/95 - 12/18/95:**

**12/16/95: RIH w/ 2 1/2" X 1 1/2" X 12 X 16 RHAC pump, 4 wt rods, 4 - 3/4" guided rods, 129 - 3/4" slick, 99 - 3/4" guided rods. Space out w/ 1 - 2' X 3/4" pony rod. PU 1 - 22' polished rod. Seat pump.**

**ON PRODUCTION @ 3:30 PM 12/18/95**



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

Signed **Cheryl Cameron** Title **Regulatory Compliance Specialist** Date **12/19/95**

(This space for Federal or State office use)

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

5. LEASE DESIGNATION AND SERIAL NO. **U-62848**

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME **Monument Butte Federal**

9. WELL NO. **#3-34**

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

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA **Sec. 34, T8S, R16E**

12. COUNTY OR PARISH **Duchesne** 13. STATE **UT**

14. PERMIT NO. **43-013-31518** DATE ISSUED **9/28/95**

15. DATE SPUDDED **10/10/95** 16. DATE T.D. REACHED **11/23/95** 17. DATE COMPL. (Ready to prod.) **12/16/95** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **5603' GR** 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **6250'** 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY **X** ROTARY TOOLS CABLE TOOLS

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

**5994'-6000' & 6002'-6008' & 6054'-6058'; 5746'-5768'; 5210'-5217'; 5047'-5052' & 5084'-5089'**

26. TYPE ELECTRIC AND OTHER LOGS RUN **CBL, DLL, CNL, 2-96** 27. WAS WELL CORED **NO**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	313'	12 1/4	260 sx Prem+ 2% CaCl + 1/4#/ sk Flocele	
5 1/2	15.5#	6244'	7 7/8	255 sx HiFill followed by 370 sx Thixo w/ 10% Cal-Seal	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

PERFORATION	INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CP sd	5994'-6000' & 6002'-6008' & 6054'-6058'	
LDC sd	5746'-5768'	
C sd	5210'-5217'	
D sd	5047'-5052' & 5084'-5089'	
	*see back	

33. PRODUCTION

DATE FIRST PRODUCTION **12/18/95** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **pumping w/ 1 1/2" RHAC pump** WELL STATUS (Producing or shut-in) **producing**

DATE OF TEST **12 Day Avg 12/95** HOURS TESTED **12** CHOKER SIZE **N/A** PROD'N. FOR TEST PERIOD **73** OIL—BBL. **155** GAS—MCF. **23** WATER—BBL. **2.12** GAS-OIL RATIO

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

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

35. LIST OF ATTACHMENTS **Logs listed in item #26**

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

SIGNED **Brad Mechem** TITLE **Operations Manager** DATE **1/25/96**

\*(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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	#32 DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
Garden Gulch Mkr	4329'		Perf CP 5994'--6000'		
Point 3	4600'		6002'--6008'		
X Marker	4854'		6054'--6058'		
Y Marker	4884'		Frac w/ 111,300# 20/40 sd w/ 32,550 gal gel		
Douglas Creek	5010'		Perf LDC 5746'--68'		
Bicarbonate	5265'		Frac w/ 79,100# 20/40sd w/ 24,885 gal gel		
B Limestone	5410'		Perf C 5210'--17'		
Castle Peak	5890'		Frac w/ 47,600# 20/40 sd w/ 17,792 gal gel		
			Perf D 5047'--5052'		
			5084'--5089'		
			Frac w/ 64,700# 20/40 sd w/ 23,142 gal gel		

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 deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

*SUBMIT IN TRIPLICATE*

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>U-62848</b>
2. Name of Operator <b>Inland Production Company</b>	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. <b>P.O. Box 790233 Vernal, UT 84079    Phone No. (801) 789-1866</b>	7. If unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NE/NW                      1980' FWL &amp; 660' FNL Sec. 34, T8S, R16E</b>	8. Well Name and No. <b>Monument Butte Federal #3-34</b>
	9. API Well No. <b>43-013-31518</b>
	10. Field and Pool, or Exploratory Area <b>Monument Butte</b>
	11. County or Parish, State <b>Duchesne, UT</b>

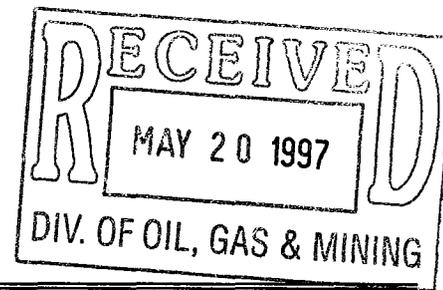
**12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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

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

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

**Inland Production Company requests authorization to convert the Monument Butte Federal #3-34 from a producing well to a Class II Injection well.**



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

Signed Cheryl Cameron  
Cheryl CameronTitle Regulatory Compliance SpecialistDate 5/15/97

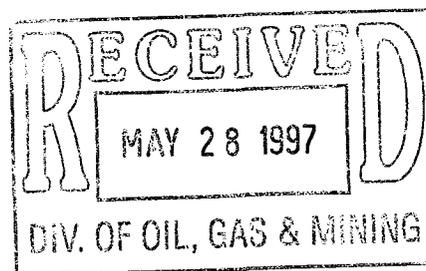
(This space of Federal or State office use.)

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

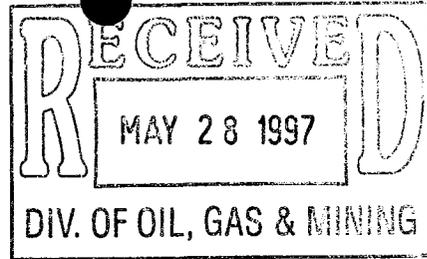
Conditions of approval, if any:

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

**\*See Instruction on Reverse Side**



**INLAND PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**MONUMENT BUTTE FEDERAL #3-34**  
**TRAVIS 11 GREEN RIVER UNIT**  
**LEASE NO. U-62848**  
**MAY 15, 1997**



APPLICATION FOR INJECTION WELL - UIC FORM 1

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

Well name and number: Monument Butte Federal #3-34  
Field or Unit name: Travis 11 Green River Unit Lease no. U-62848  
Well location: 00 NENW section 34 township 8S range 16E county Duchesne

Is this application for expansion of an existing project? . Yes  No   
Will the proposed well be used for: Enhanced Recovery? . . . . . Yes  No   
Disposal? . . . . . Yes  No   
Storage? . . . . . Yes  No   
Is this application for a new well to be drilled? . . . . . Yes  No   
If this application is for an existing well,  
has a casing test been performed on the well? . . . . . Yes  No   
Date of test: 12/4/95  
API number: 43-013-31518

Proposed injection interval from 5047' to 6058'  
Proposed maximum injection: rate 1000 BPD pressure 2322# psig  
Proposed injection zone contains  oil,  gas, and/or  fresh water within 1/2 mile of the well.

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

List of Attachments: Exhibits "A" through "G"

I certify that this report is true and complete to the best of my knowledge.  
Name Brad Mechem Signature *Brad Mechem*  
Title District Manager Date \_\_\_\_\_  
Phone No. ( 801 ) 722-5103

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

Comments:

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

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

2.1. *The name and address of the operator of the project;*

**Answer:** Inland Production Company  
P.O. Box 1446  
W. Poleline Road  
Roosevelt, Utah 84066

2.2. *A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile radius of the project area;*

**Answer:** Reference Exhibit "A-1."

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

**Answer:** To approve the conversion of the Monument Butte Federal #3-34 from a producing oil well to a water injection well in the Travis 11 Green River Unit in the Monument Butte Field; and to approve the installation of an injection line. The line would leave the injection facility at the Monument Butte Federal #8-34, and proceed northwesterly to the proposed Monument Butte Federal #3-34 injection well. The proposed injection line would be a 3" coated steel pipe buried 5' below surface and would provide injection water to the Monument Butte Federal #3-34, from our existing water injection line. Reference Exhibit "B".

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

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

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

**Answer:** The Green River Formation pool targeted for injection is the CP,LDC, C, and D sands, with a gamma ray derived top @ 5047' in the D sand. The injection zones are a porous and permeable lenticular calcareous sandstone. The porosity of the sandstone is intergranular. The confining impermeable stratum directly above at ( 5010',) and below at (5265') the injection zones are composed of tight, moderately calcareous lacustrine shale.

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

**Answer:** Referenced log Monument Butte Federal #3-34 is currently on file with the Utah Division of Oil, Gas & Mining.

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

**Answer:** Culinary water from Johnson Water District supply line.

Estimated Injection Rate:	Estimated Average	300 BPD
	Estimated Maximum	1000 BPD

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

**Answer:** Reference Exhibits "C-1" and "C-2".

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

**Answer:** Reference Exhibit "D".

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

**Answer:** Inland will supply any additional information requested by the Utah Division of Oil Gas & Mining Board.

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

**Answer:** This proposed injection well is within the Travis 11 Green River Unit in the Monument Butte Field and the request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE  
AND ENHANCED RECOVERY WELLS  
SECTION V - RULE 615-5-2**

- 1) Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2) The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:

2.1. *A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well;*

**Answer:** Reference Exhibits "A-1" through "A-3."

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

**Answer:** All logs are on file with the Utah Division of Oil Gas & Mining.

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

**Answer:** A copy of the cement bond log is on file with the Utah Division of Oil, Gas & Mining

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

**Answer:** All copies are on file with the Utah Division of Oil, Gas & Mining.

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

**Answer:** The casing program is 8-5/8" 24# J-55 surface casing run to 313', and the 5 1/2" casing from surface to 6245'. A casing integrity test will be conducted at time of conversion. Reference Exhibits "E-1" through "E-15".

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

**Answer:** Culinary water from Johnson water line at our pre approved Monument Butte supply line. Reference Exhibit "B". Estimated Injection Rate:

Average	300 BPD
Maximum	1000 BPD

2.7. *Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.*

**Answer:** A standard laboratory analysis of (1) the fluid to be injected (Johnson water), (2) the fluid in the formation into which the fluid is being injected, and (3) the compatibility of the fluids. Reference Exhibits "F-1 through "F-4."

2.8. *The proposed average and maximum injection pressures;*

**Answer:** Proposed average and maximum injection pressures;

The proposed average and maximum injection pressure for the Monument Butte Federal #3-34, averages approximately .90 psig/ft.

2.9. *Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata;*

**Answer:** The frac gradient for the Monument Butte Federal #3-34, for existing zones (5047'-6058',) averages approximately .90 psig/ft. The maximum injection pressures will be kept below this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. Reference Exhibit "G-1" through "G-4."

Proposed Maximum Injection Pressure:  $P_m = [.90 - (.433)(1.005)] \quad 5047'$   
 $P_m = 2322$

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

**Answer:** In the Monument Butte Federal #3-34, the injection zone is in the CP sands (5994'-6058',) LDC sands (5746'-5768',) and in the D sands (5047'-5089') contained within the Douglas Creek and the Castle Peak members of the Green River Formation. The reservoir is a very fine grain sandstone with minor interbedded shale streaks. The top of the Douglas Creek Member, estimated at approximately 5010', and the top the Castle Peak at approximately 5890'. The estimated average porosity is 14%; the estimated fracture pressure is 2322# psi.

The strata confining the injection zone is composed of tight, moderately calcareous sandy lacustrine shale. 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. Maps and cross sections to the Monument Butte area are on file with the Division of Oil, Gas & Mining.

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

**Answer:** Exhibits "E-1" through "E-15".

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.

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

**Answer:** Exhibit "D".

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

*Answer:* Inland Production Company will await review of this application and additional information will be submitted if required.

- 3) Applications for injection wells which are within a recovery project area will be considered for approval.
  - 3.1. Pursuant to Rule 615-5-1-3
  - 3.2. Subsequent to Board approval of a recovery project pursuant to Rule 615-5-1-3.
- 4) Approval of an injection well is subject to the requirements of Rule 615-5-4, if the proposed injection interval can be classified as an USDW.
- 5) In addition to the requirements of this section, the provisions of Rule 615-3-1, R615-3-4, R615-3-24, R615-3-32, R615-8-1 and R615-10 apply to all Class II injection wells.

**INLAND PRODUCTION COMPANY**

**Monument Butte Federal #3-34  
Sec. 34, T8S, R16E  
Duchesne County, Utah**

**PLUGGING & ABANDONMENT PLAN**

The plugging and abandonment plan consists of the following plugs:

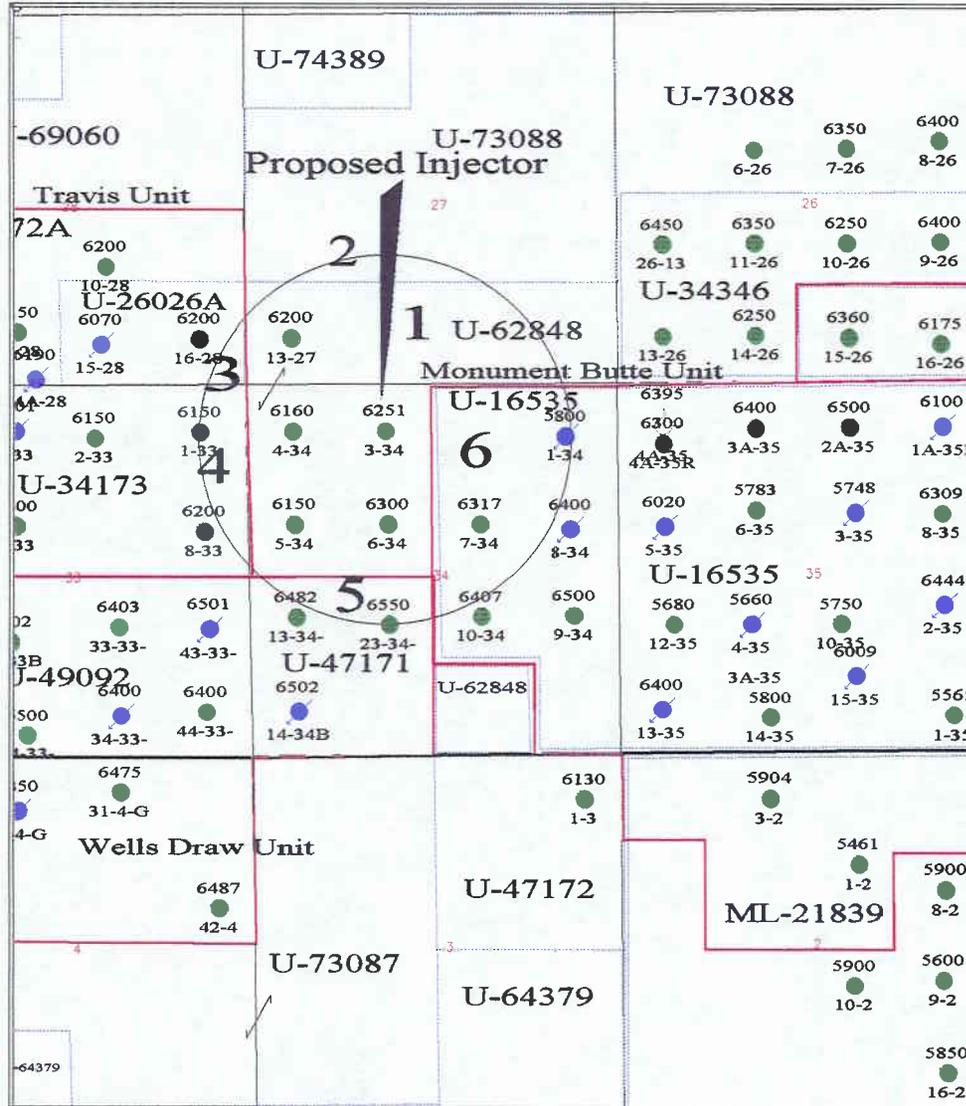
**PLUG #1: Set 150' balanced plug inside 5 ½" csg from 3850' - 3700'. Circ well to 2200' w/ 8.4 PPG fluid.**

**PLUG #2: Set 150' balanced plug inside 5 ½" csg from 2400'-2250'. Circ well to 320' w/ 8.4 PPG fluid.**

**PLUG #3: Set 150' balanced plug across surface csg shoe @ 300'.**

**PLUG #4: 10 sx plug @ surface.**

**Install dry hole marker & restore location.**



**MONUMENT BUTTE  
DUCHESNE COUNTY, UTAH  
MINERAL RIGHTS**

**SURFACE OWNER: USA  
LESSEE: ELMER MOON  
(GRAZING RIGHTS ONLY)**

MONUMENT BUTTE FEDERAL WEST 3-34 6251 TD

**Legend**

-  PRODUCING WELL
-  EXISTING INJECTION WELL
-  DRY HOLE

EXHIBIT

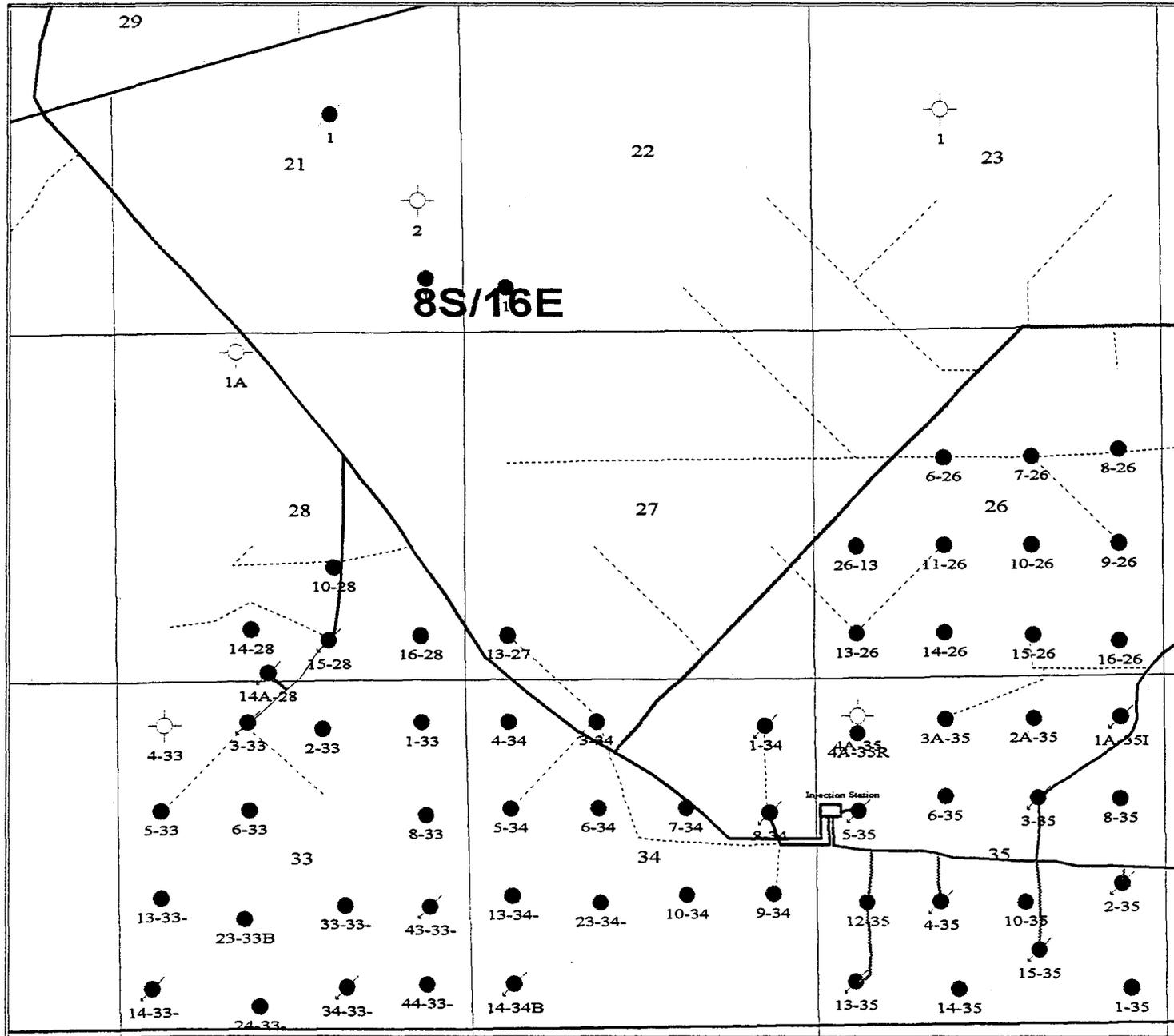
## EXHIBIT "A-2"

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
1	Township 8 South, Range 16 East Section 27: S/2S/2 Section 34: NW/4, SW/4SE/4	USA	Inland Production Company James Fischgrund Thomas I. Jackson King Oil & Gas of Texas, LTD. Texas General Offshore	U-62848 HBP	Elmer Moon
2	Township 8 South, Range 16 East Section 22: Lot 1, NE/4NW/4, S/2NW/4, SE/4 Section 23: SW/4 Section 26: N/2 Section 27: NE/4, S/2NW/4, N/2S/2	USA	Inland Production Company	U-73088 HBP	Elmer Moon
3	Township 8 South, Range 16 East Section 28: S/2SE/4	USA	Inland Production Company LOEX Properties 1983, Ltd.	U-26026 HBP	Elmer Moon
4	Township 8 South, Range 16 East Section 33: N/2	USA	Inland Production Company LOEX Properties 1983, Ltd.	U-34173 HBP	Elmer Moon

EXHIBIT "A-3"

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
5	Township 8 South, Range 16 East Section 34: SW/4	USA	Inland Production Company Chorney Oil Company	U-47171	Elmer Moon
6	Township 8 South, Range 16 East Section 34: E/2E/2, W/2NE/4, NW/4SE/4 Section 35: All	USA	Inland Production Company Marian Brennan Raymond H. Brennan Davis Brothers Davis Resources James Fischgrund International Drilling Services Thomas I. Jackson King Oil & Gas of Texas, LTD. Texas General Offshore Jack Warren	U-16535 HBP	Elmer Moon

EXHIBIT "B"



**Legend**

- Existing Well
- Existing Injector
- Water Line
- - - Proposed Water Line

**Inland**  
INSURANCE INC.

475 17<sup>th</sup> Street, Suite 1509  
Denver, Colorado 80202  
Phone: (303) 292-0900

**Proposed Injection Lines**

DeChone County, Utah

Date: 3/31/97

## EXHIBIT "C-1"

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
1	Township 8 South, Range 16 East Section 27: S/2S/2 Section 34: NW/4, SW/4SE/4	USA	Inland Production Company James Fischgrund Thomas I. Jackson King Oil & Gas of Texas, LTD. Texas General Offshore	U-62848 HBP	Elmer Moon
2	Township 8 South, Range 16 East Section 22: Lot 1, NE/4NW/4, S/2NW/4, SE/4 Section 23: SW/4 Section 26: N/2 Section 27: NE/4, S/2NW/4, N/2S/2	USA	Inland Production Company	U-73088 HBP	Elmer Moon
3	Township 8 South, Range 16 East Section 28: S/2SE/4	USA	Inland Production Company LOEX Properties 1983, Ltd.	U-26026 HBP	Elmer Moon
4	Township 8 South, Range 16 East Section 33: N/2	USA	Inland Production Company LOEX Properties 1983, Ltd.	U-34173 HBP	Elmer Moon

EXHIBIT "C-2"

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
5	Township 8 South, Range 16 East Section 34: SW/4	USA	Inland Production Company Chorney Oil Company	U-47171	Elmer Moon
6	Township 8 South, Range 16 East Section 34: E/2E/2, W/2NE/4, NW/4SE/4 Section 35: All	USA	Inland Production Company Marian Brennan Raymond H. Brennan Davis Brothers Davis Resources James Fischgrund International Drilling Services Thomas I. Jackson King Oil & Gas of Texas, LTD. Texas General Offshore Jack Warren	U-16535 HBP	Elmer Moon

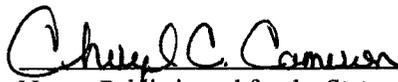
EXHIBIT "D"

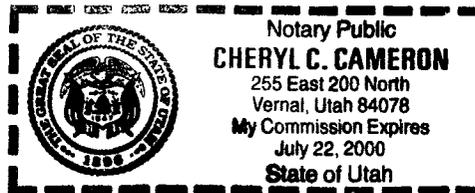
RE: Application for Approval of Class II Injection Well  
Monument Butte Federal #3-34.

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

  
INLAND PRODUCTION COMPANY  
Brad Mecham  
District Manager

Sworn to and subscribed before me this 27 day of May 1997.

  
Notary Public in and for the State of Utah

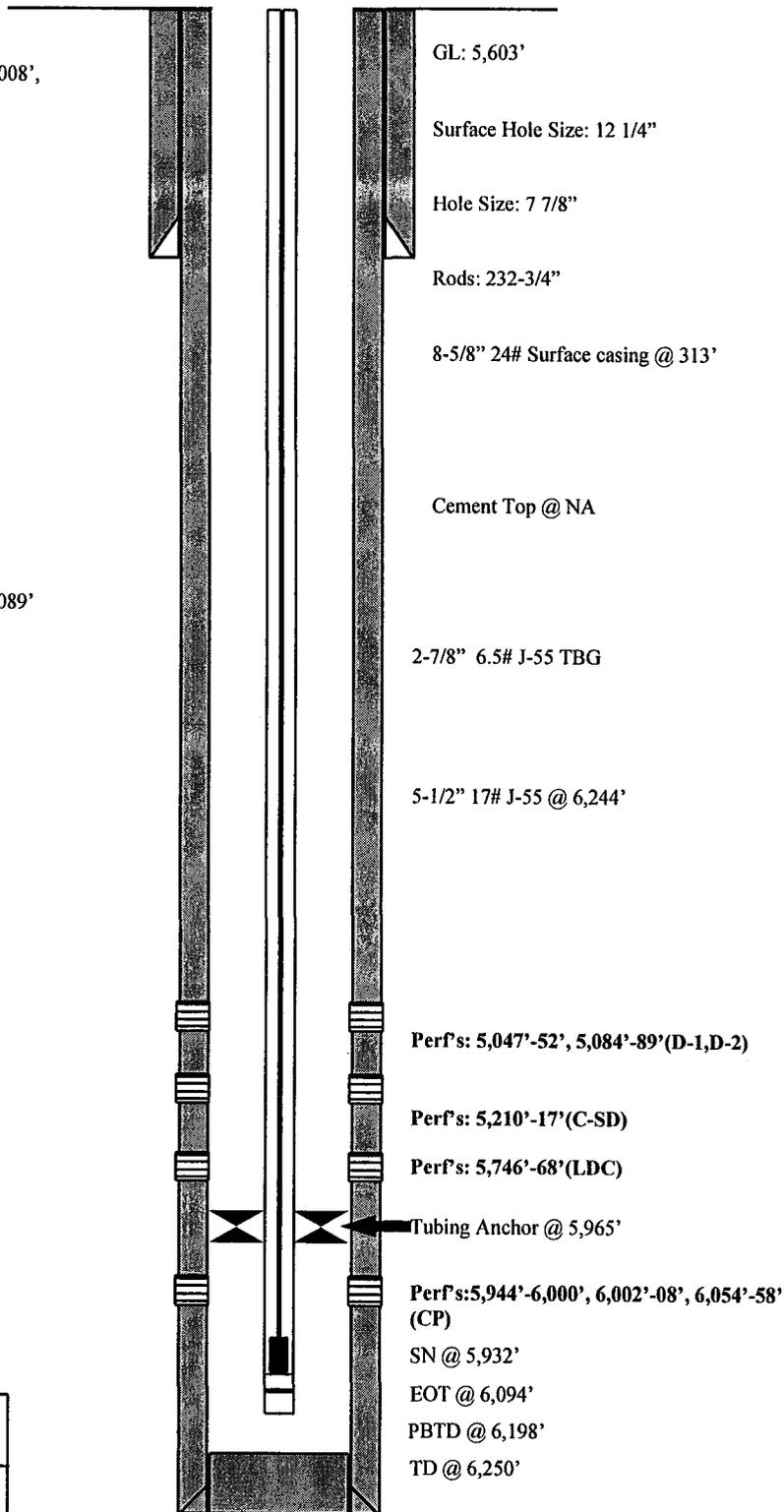


# Monument Butte Federal #3-34

Wellbore Diagram

**Well History:**

10-10-95	Spud Well
12-6-95	Perf: 5,994'-6,000', 6,002'-6,008', 6,054'-6,058'
12-7-95	Frac CP zone as follows: Totals 775 bbls Boragel 111,300# 20/40 sd ISIP 2,017, after 5 min 1,935
12-8-95	Perf: 5,746'-5,768'
12-9-95	Frac LDC zone as follows: Totals 592 bbls Boragel 79,100# 20/40 sd Avg TP 2,200 @ 31 BPM ISIP 2,489, after 5 min 2,340
12-10-95	Perf: 5,210'-5,217'
12-12-95	Frac C zone as follows: Totals 424 bbls Boragel 47,600# 20/40 sd Avg TP 1,950 @ 20 BPM ISIP 2,484, after 5 min 2,441
12-13-95	Perf: 5,047'-5,052', 5,084'-5,089'
12-14-95	Frac D zone as follows: Totals 551 bbls Boragel 64,700# 20/40 sd Avg TP 2,220 @ 31 BPM ISIP 2,615, after 5 min 2,747



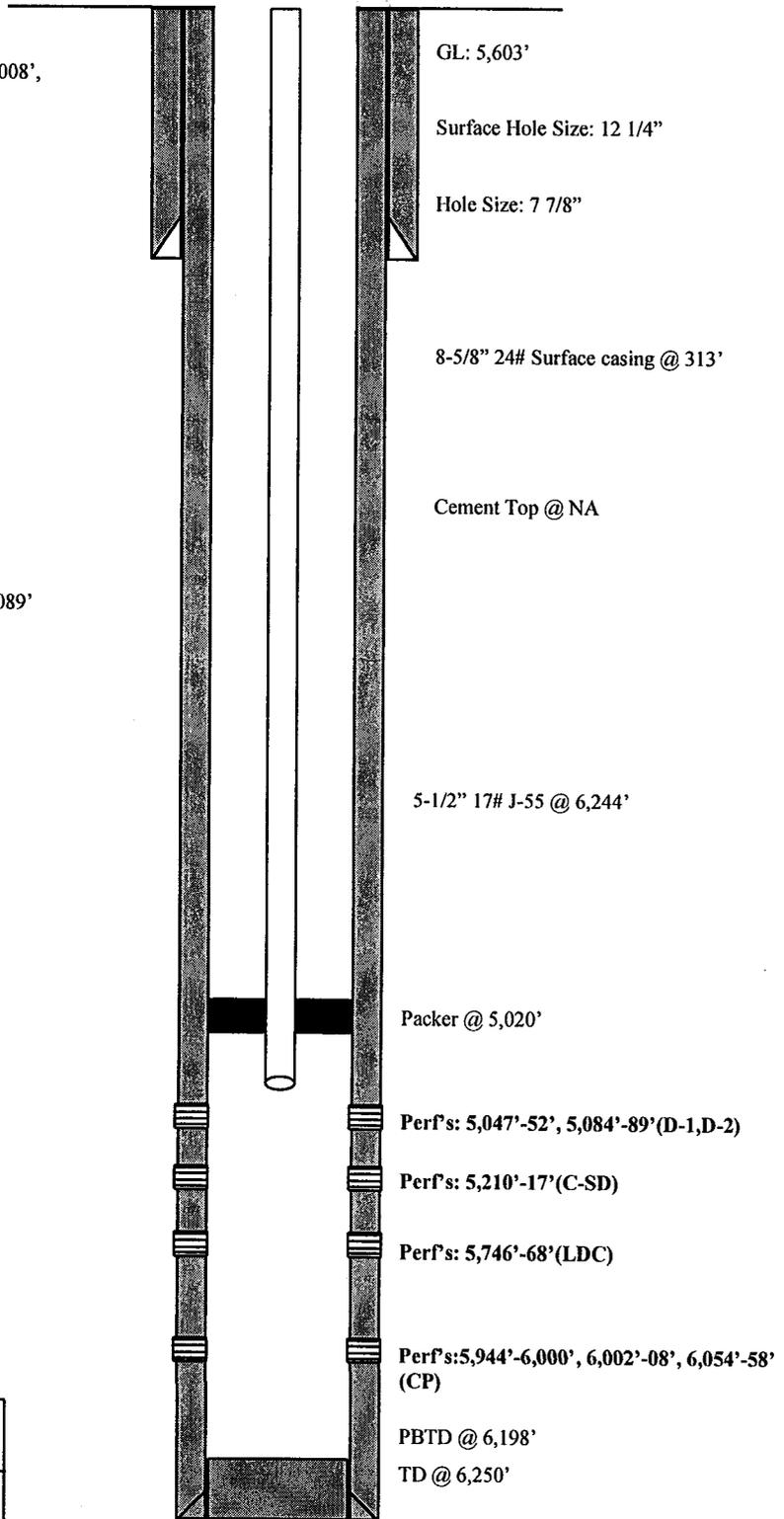
	<b>Inland Resources Inc.</b>
	<b>Monument Butte Federal #3-34</b>
	1980 FWL 660 FNL
	SWNW Section 34-T8S-R16E
	Duchesne Co, Utah
API #43-013-31518; Lease #U-62848	

# Monument Butte Federal #3-34

Proposed Injection Diagram

**Well History:**

10-10-95	Spud Well
12-6-95	Perf: 5,994'-6,000', 6,002'-6,008', 6,054'-6,058'
12-7-95	Frac CP zone as follows: Totals 775 bbls Boragel 111,300# 20/40 sd ISIP 2,017, after 5 min 1,935
12-8-95	Perf: 5,746'-5,768'
12-9-95	Frac LDC zone as follows: Totals 592 bbls Boragel 79,100# 20/40 sd Avg TP 2,200 @ 31 BPM ISIP 2,489, after 5 min 2,340
12-10-95	Perf: 5,210'-5,217'
12-12-95	Frac C zone as follows: Totals 424 bbls Boragel 47,600# 20/40 sd Avg TP 1,950 @ 20 BPM ISIP 2,484, after 5 min 2,441
12-13-95	Perf: 5,047'-5,052', 5,084'-5,089'
12-14-95	Frac D zone as follows: Totals 551 bbls Boragel 64,700# 20/40 sd Avg TP 2,220 @ 31 BPM ISIP 2,615, after 5 min 2,747



**Inland Resources Inc.**

**Monument Butte Federal #3-34**

1980 FWL 660 FNL

SWNW Section 34-T8S-R16E

Duchesne Co, Utah

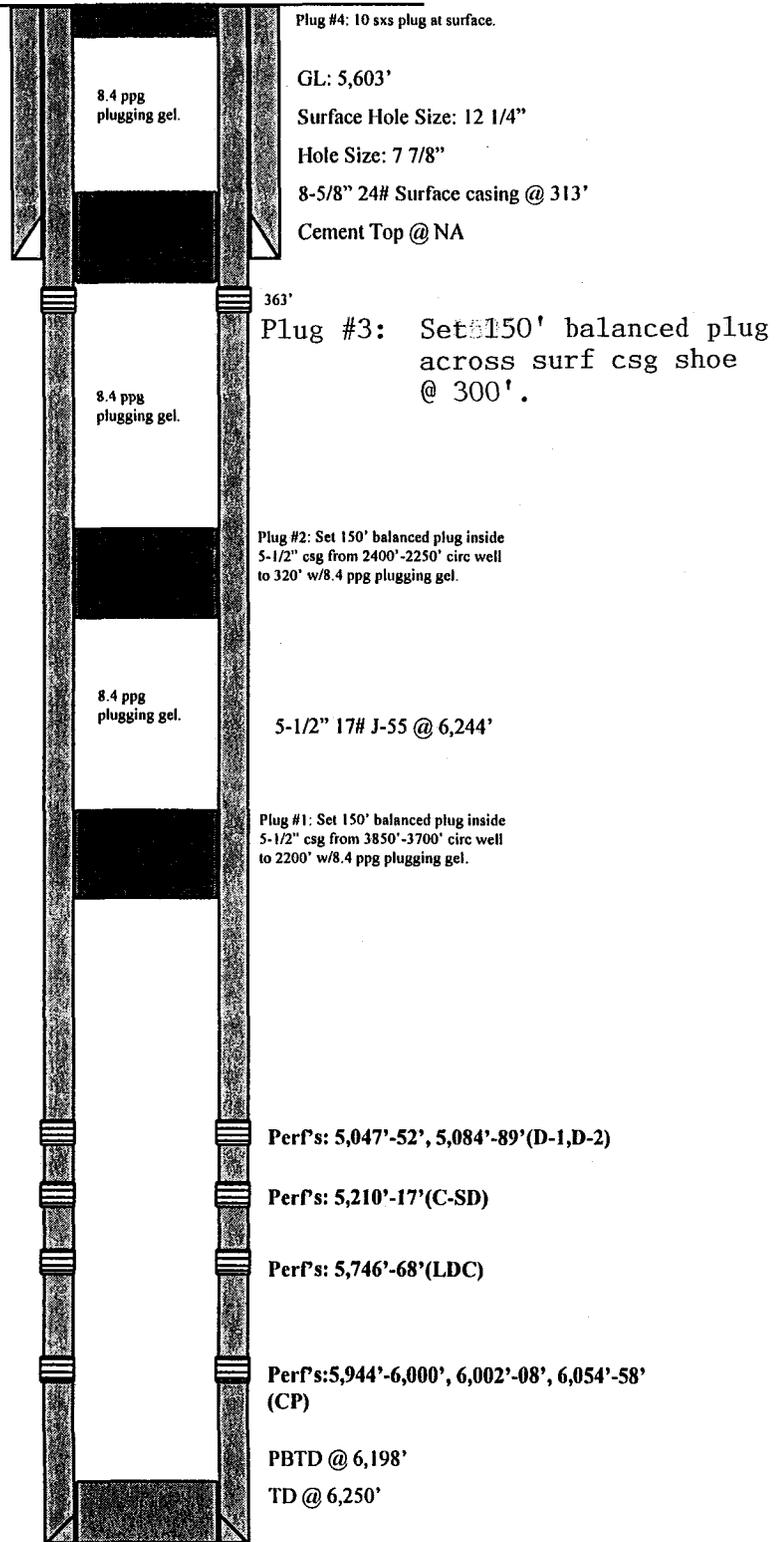
API #43-013-31518; Lease #U-62848

# Monument Butte Federal #3-34

Proposed Plugging Diagram

**Well History:**

10-10-95	Spud Well
12-6-95	Perf: 5,994'-6,000', 6,002'-6,008', 6,054'-6,058'
12-7-95	Frac CP zone as follows: Totals 775 bbls Boragel 111,300# 20/40 sd ISIP 2,017, after 5 min 1,935
12-8-95	Perf: 5,746'-5,768'
12-9-95	Frac LDC zone as follows: Totals 592 bbls Boragel 79,100# 20/40 sd Avg TP 2,200 @ 31 BPM ISIP 2,489, after 5 min 2,340
12-10-95	Perf: 5,210'-5,217'
12-12-95	Frac C zone as follows: Totals 424 bbls Boragel 47,600# 20/40 sd Avg TP 1,950 @ 20 BPM ISIP 2,484, after 5 min 2,441
12-13-95	Perf: 5,047'-5,052', 5,084'-5,089'
12-14-95	Frac D zone as follows: Totals 551 bbls Boragel 64,700# 20/40 sd Avg TP 2,220 @ 31 BPM ISIP 2,615, after 5 min 2,747



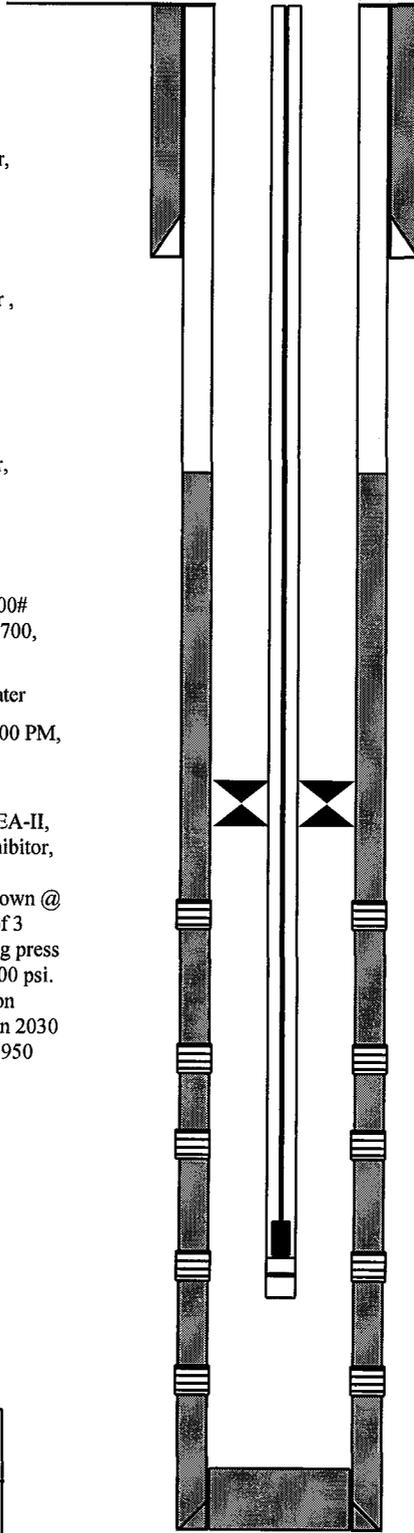
	<b>Inland Resources Inc.</b>
	<b>Monument Butte Federal #3-34</b>
	1980 FWL 660 FNL
	SWNW Section 34-T8S-R16E
	Duchesne Co, Utah
API #43-013-31518; Lease #U-62848	

# Monument Butte Federal #1-34

Wellbore Diagram

**Well History:**

9-14-83	Spud Well
10-83	Perf 5,041'-5,053' Frac D-1 as follows: 25,500 gal gelled 5% KCL wtr, 82,000# 20/40 sd, ATP 2400, AIR 26 BPM
7-84	Perf 5,366'-5,380' Frac B-2 as follows: 15,500 gal gelled 5% KCL wtr, 31,500# 20/40 sd, ATP 2400, AIR 26 BPM
1-85	Perf 5,574'-5,580', 5,596'-5,613' Frac LODC-1 as follows: 28,810 gal gelled 3% KCL wtr, 89,480# 20/40 sd, ATP 4350, AIR 20 BPM
4-20-95	Perf 4,568'-4,586' Frac GB-6 as follows: 16,150# gelled KCL wtr, 60,100# mesh sd, Max 3180, Avg TP 2700, ISIP 2400
10/29/96	Flush rods w/90 bbls of hot water
10/30/96	Place well on production @ 2:00 PM, w/ 72" SL @ 6 SPM
12/5/96	Perf: 5252'-5257' Pump 1000 gal 14% HCl w/NEA-II, iron sequestrant & ClayFix inhibitor, followed by 10 BW w/5.5% Paracheck, all @ 150°. Breakdown @ 1300 psi. Treated @ avg rate of 3 bpm, max rate of 10 bpm w/avg press of 2400 psi & max press of 4200 psi. Est 400 psi press drop w/acid on formation. ISIP 2170 psi, 5-min 2030 psi, 10-min 1980 psi, 15-min 1950 psi.



GL: 5,585'

Surface Hole Size: 12 1/4"

Hole Size: 7 7/8"

Rods: 4 - 1-1/2" wt rods, 97 - 3/4" plain rods, 108 - 3/4" scraped rods

8-5/8" Surface casing @ 290'

Cement Top @ 2,224'

5-1/2" 17# J-55 csg @ 5,788'

Tubing Anchor @ 5175'

Perf's: 4,568'-86'(GB-6)

Perf's: 5,041'-53'(D-1)

Perf's: 5,252'-57'(Bi-Carb)

Perf's: 5,366'-80'(B-2)

Perf's: 5,574'-80', 5,596'-5,613'(LODC-1)

SN @ 5240'  
EOT @ 5273'  
PBTD @ 5,743'  
TD @ 5,800'



**Inland Resources Inc.**

**Monument Butte Federal #1-34**

739 FNL 758 FEL

NENE Section 34-T8S-R16E

Duchesne Co, Utah

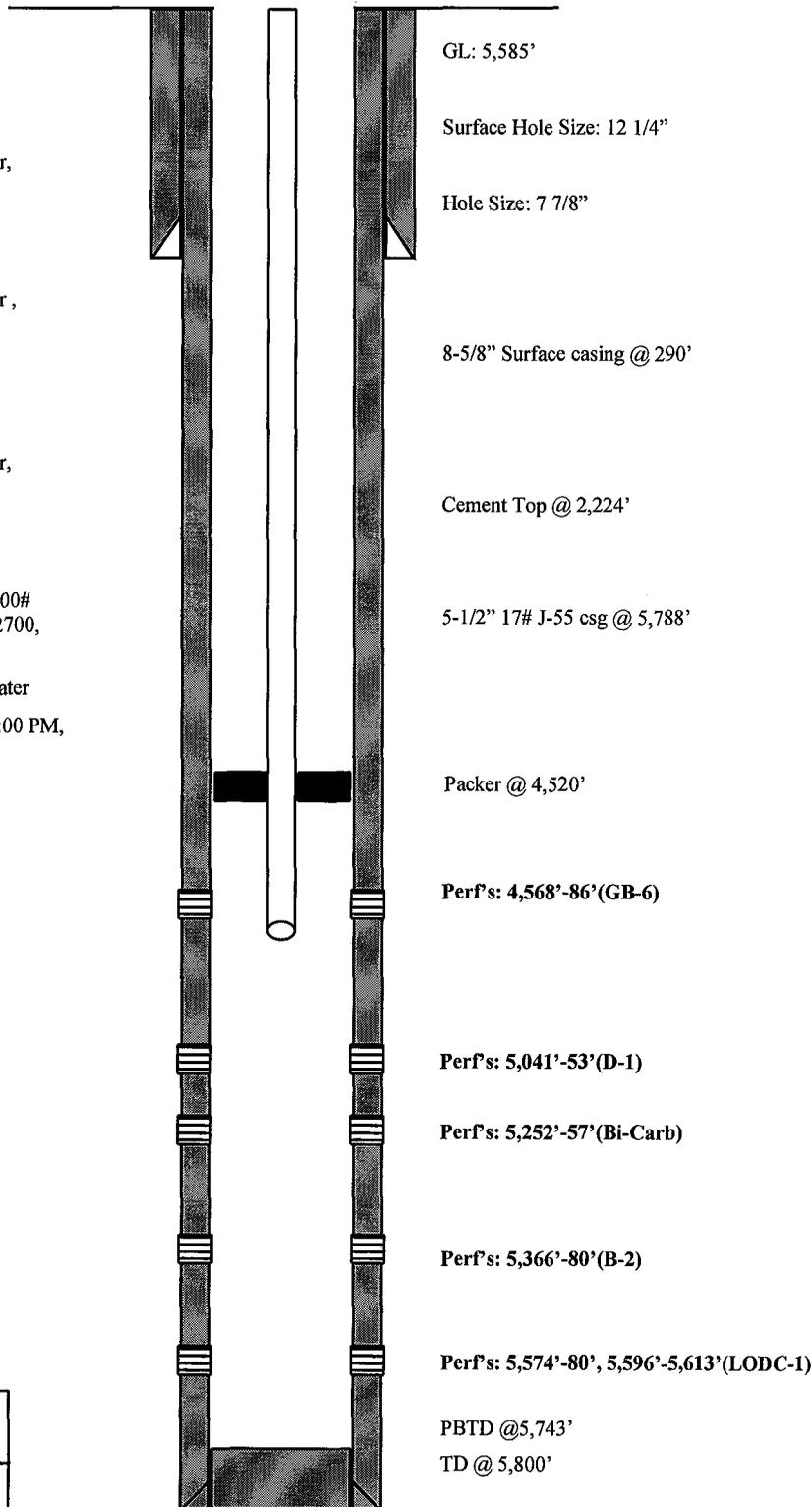
API #43-013-30808; Lease #U-16535

# Monument Butte Federal #1-34

Injection Diagram

**Well History:**

9-14-83	Spud Well
10-83	Perf 5,041'-5,053' Frac D-1 as follows: 25,500 gal gelled 5% KCL wtr, 82,000# 20/40 sd, ATP 2400, AIR 26 BPM
7-84	Perf 5,366'-5,380' Frac B-2 as follows: 15,500 gal gelled 5% KCL wtr , 31,500# 20/40 sd, ATP 2400, AIR 26 BPM
1-85	Perf 5,574'-5,580', 5,596'-5,613' Frac LODC-1 as follows: 28,810 gal gelled 3% KCL wtr, 89,480# 20/40 sd, ATP 4350, AIR 20 BPM
4-20-95	Perf 4,568'-4,586' Frac GB-6 as follows: 16,150# gelled KCL wtr, 60,100# mesh sd, Max 3180, Avg TP 2700, ISIP 2400
10/29/96	Flush rods w/90 bbls of hot water
10/30/96	Place well on production @ 2:00 PM, w/ 72" SL @ 6 SPM



	<p><b>Inland Resources Inc.</b></p>
	<p><b>Monument Butte Federal #1-34</b></p> <p>739 FNL 758 FEL</p> <p>NENE Section 34-T8S-R16E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-30808; Lease #U-16535</p>

# Monument Butte Federal #4-34

Spud Date: 10/22/96  
 Put on Production: 11/16/96  
 GL: 5616' KB: 5629'

Initial Production: 98 BOPD,  
 79 MCFPD, 12 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 301.17'(10 jts)  
 DEPTH LANDED: 300.57' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 6 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 146 jts. (6172.89')  
 DEPTH LANDED: 6160.09'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 380 sk Hibond mixed & 400 sxs thixotropic  
 CEMENT TOP AT: 1374' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: ? jts (?)  
 TUBING ANCHOR: 5725'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: ? (EOT @ 6016')  
 SN LANDED AT: 5946'

**SUCKER RODS**

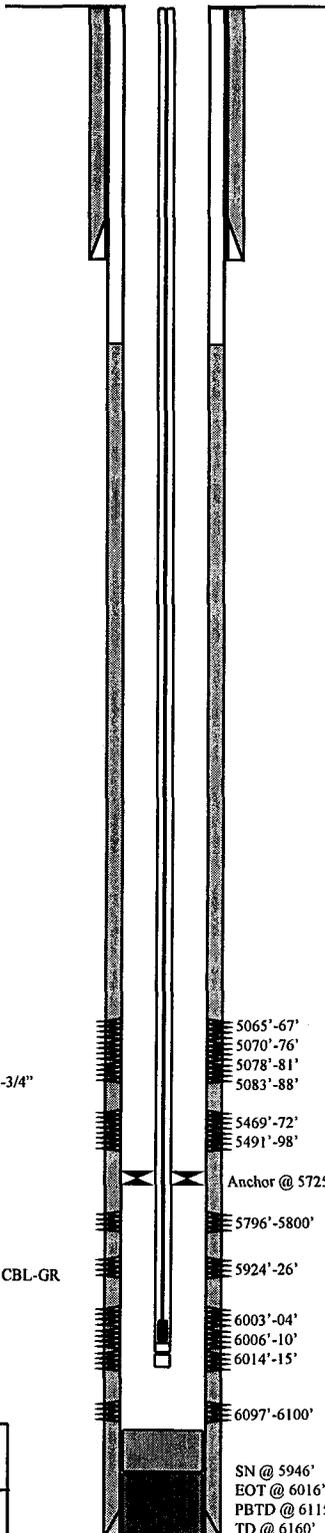
POLISHED ROD: 1-1/2" x 22' polished  
 SUCKER RODS: 8 - 1" guided, 4-3/4" guided, 133-3/4" plain rods, 92-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 2-1/2 x 1-1/2 x 15 RHAC pump  
 STROKE LENGTH: 63"  
 PUMP SPEED, SPM: 9 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

11/7/96 5796'-6100' **Frac LODC, CP-2 & CP-3 sand as follows:**  
 127,500# of 20/40 sand in 748 bbls of Boragel. Breakdown @ 3750 psi. Treated @ avg rate of 36 bpm w/avg press of 2200 psi. ISIP-2086, 5-min 1997 psi. Flowback on 12/64" ck for 6 hours and died.

11/11/96 5469'-5498' **Frac A-3 sand as follows:**  
 95,000# of 20/40 sand in 542 bbls of Boragel. Breakdown @ 3024 psi. Treated @ avg rate of 22.2 bpm w/avg press of 1800 psi. ISIP 2352 psi, 5-min 2255 psi. Flowback on 12/64" ck for 4 hours and died.

11/13/96 5326'-5332' **Frac B-2 sand as follows:**  
 94,800# of 20/40 sand in 507 bbls of Boragel. Breakdown @ 2209 psi. Treated @ avg rate of 23 bpm w/avg press of 1750 psi. ISIP-2713 psi, 5-min 2591 psi. Flowback on 12/64" ck for 5-1/2 hours and died.



**PERFORATION RECORD**

Date	Depth Range	Number of Holes	Perforation Type
11/7/96	5796'-5800'	16 holes	4 JSFP
11/7/96	5924'-5926'	8 holes	4 JSFP
11/7/96	6003'-6004'	4 holes	4 JSFP
11/7/96	6006'-6010'	16 holes	4 JSFP
11/7/96	6014'-6015'	4 holes	4 JSFP
11/7/96	6097'-6100'	12 holes	4 JSFP
11/9/96	5469'-5472'	12 holes	4 JSFP
11/9/96	5491'-5498'	28 holes	4 JSFP
11/12/96	5065'-5067'	8 holes	4 JSFP
11/12/96	5070'-5076'	24 holes	4 JSFP
11/12/96	5078'-5081'	12 holes	4 JSFP
11/12/96	5083'-5088'	20 holes	4 JSFP



**Inland Resources Inc.**

**Monument Butte Federal #4-34**

660 FWL 660 FNL

NWNW Section 34-T8S-R16E

Duchesne Co, Utah

API #43-013-31669; Lease #U-62848

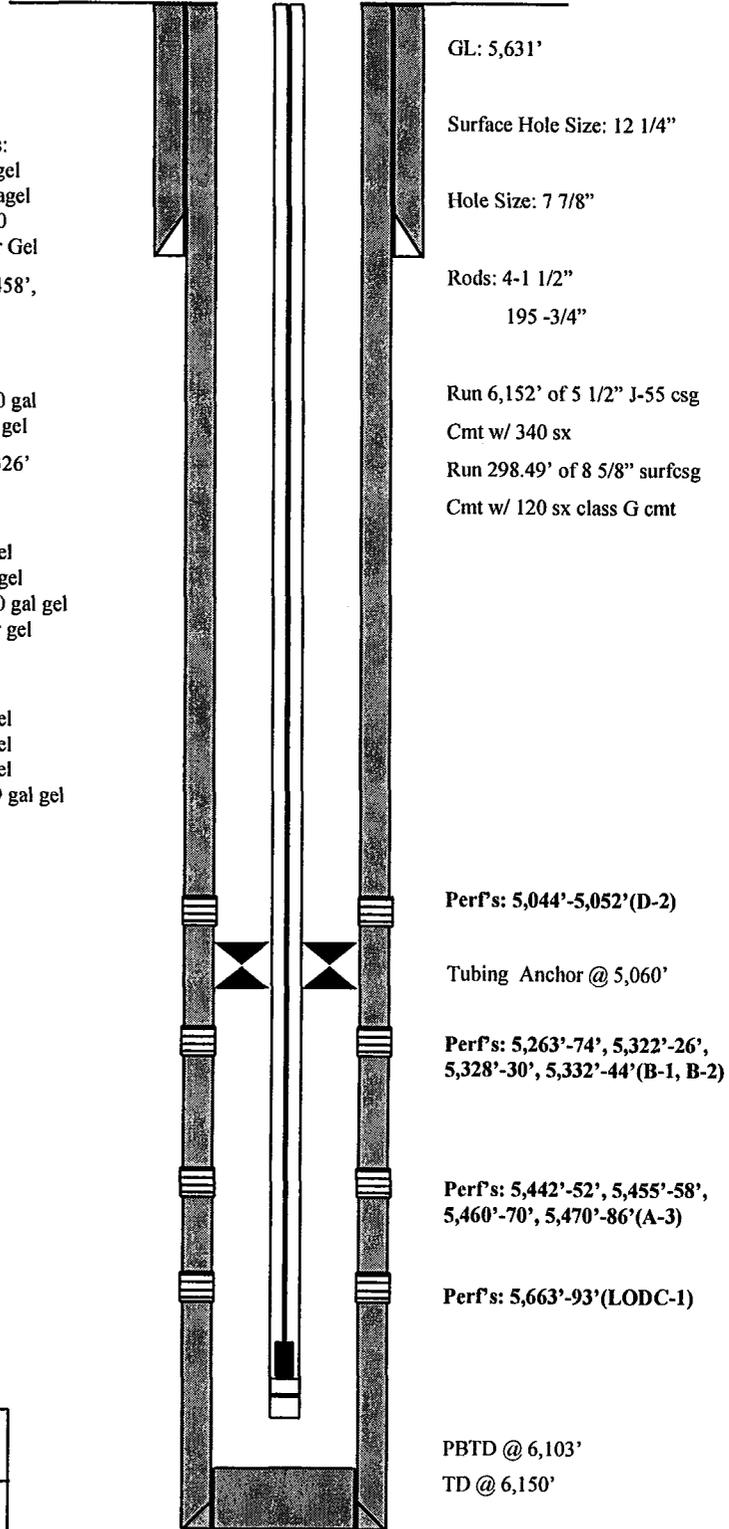
SN @ 5946'  
 EOT @ 6016'  
 PBTD @ 6115'  
 TD @ 6160'

# Monument Butte Federal #5-34

Wellbore Diagram

**Well History:**

7-17-95	Spud Well
8-29-95	Perf 5,663'-5,693'
8-30-95	Frac LODC-1 zone as follows: 4 ppg 20/40 sd w/ 5,000 boragel 8 ppg 20/40 sd w/ 22,000 boragel Pump 8 ppg 16/30 sd w/ 4,000 Flush w/ 5628 gal 10# Linear Gel
8-31-95	Perf 5,442'-5,452', 5,455'-5,458', 5,460'-5,486' 4SPF
9-1-95	Frac A-3 zone as follows: 8 ppg 20/40 sd w/ 18,000gal Pump 8 ppg 16/30 sd w/ 5,000 gal Flush w/ 5398 gal 10# Linear gel
9-2-95	Perf 5,263'-5,274', 5,322'-5,326', 5,328'-5,330', 5,332'-5,344'
9-5-95	Frac B zone as follows: 4 ppg 16/30 sd w/ 4,000 gal gel 8 ppg 16/30 sd w/ 10,000 gal gel Pump 8 ppg 16/30 sd w/ 3,000 gal gel Flush w/ 5,219 gal 10# Linear gel
9-7-95	Perf 5,044'-5,052' Frac D-2 zone as follows: 4 ppg 16/30 sd w/ 2,000 gal gel 6 ppg 16/30 sd w/ 4,000 gal gel 8 ppg 16/30 sd w/ 1,000 gal gel Stage 8# w/ 16/30 sd w/ 2,289 gal gel Flush 5,000 gal



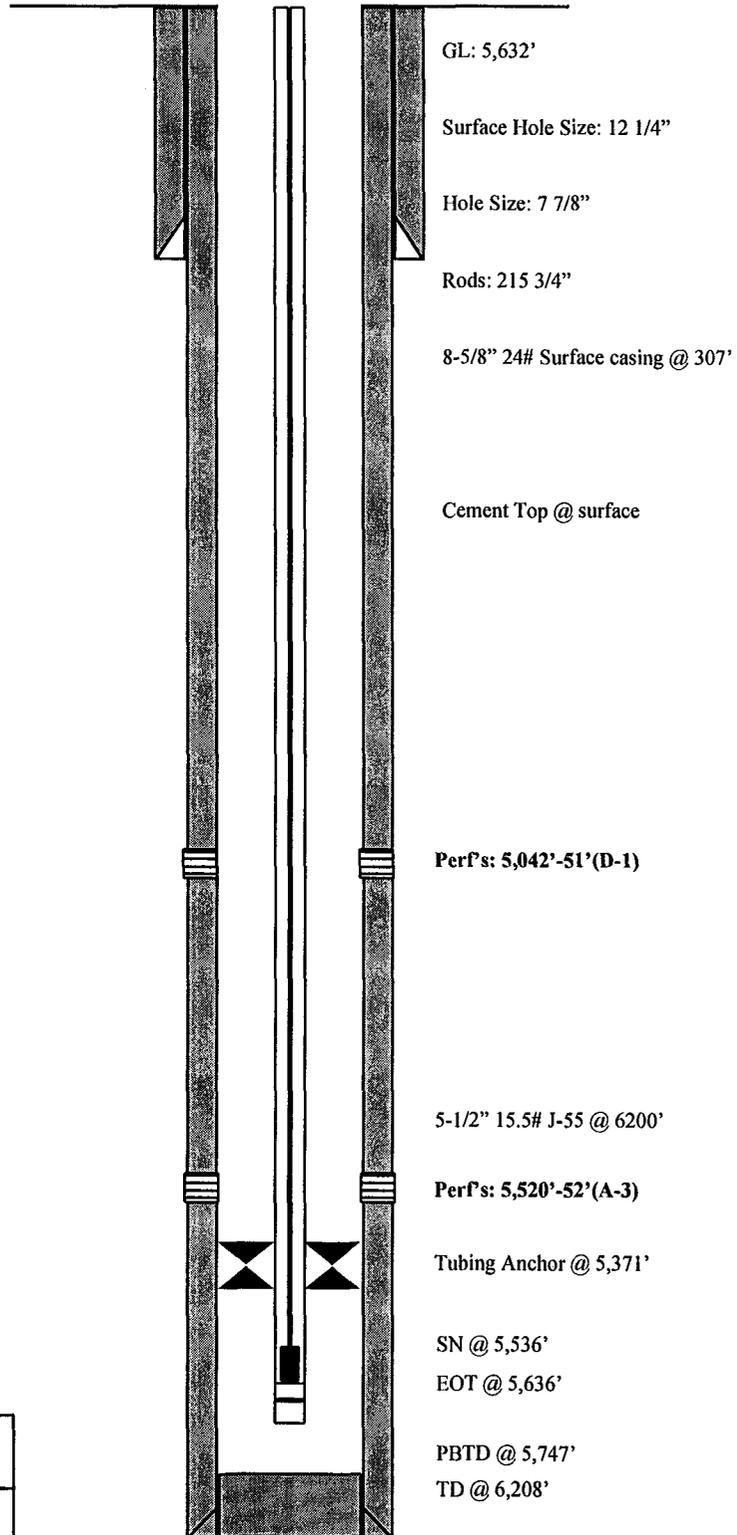
	<b>Inland Resources Inc.</b>
	<b>Monument Butte Federal #5-34</b>
	1980 FNL 660 FWL
	SWNW Section34-T8S-R16E
	Duchesne Co, Utah
API #43-013-31499; Lease #U-16353	

# Monument Butte Federal #6-34

Wellbore Diagram

**Well History:**

2-28-95	Spud Well
4-1-95	Perf 5,520'-5,552' Frac A-3 zone as follows: 2,436 gal prepad viking 5,400 gal pad 1,400 gal 1# 20/40 sd 2,000 gal 2# 20/40 sd 2,800 gal 3# 20/40 sd 3,500 gal 4# 20/40 sd 4,350 gal 5# 20/40 sd 4,700 gal 6# 16/30 sd 2,478 gal 8# 16/30 sd 1,260 gal flush KCL
6-7-95	Perf 5,042'-5,051'
6-8-95	Frac D-1 zone as follows: Pad 7,500 gal 6# 16/30 sd w/ 11,000 gals 8# 16/30 sd w/ 4,775 gals Flush 4,998 gals KCL Total Fluid 28,273 gals Total sand 77,000# 16/30 Max TP 2,900 @ 32 BPM Avg TP 2,250 @ 32 BPM ISIP 2,482



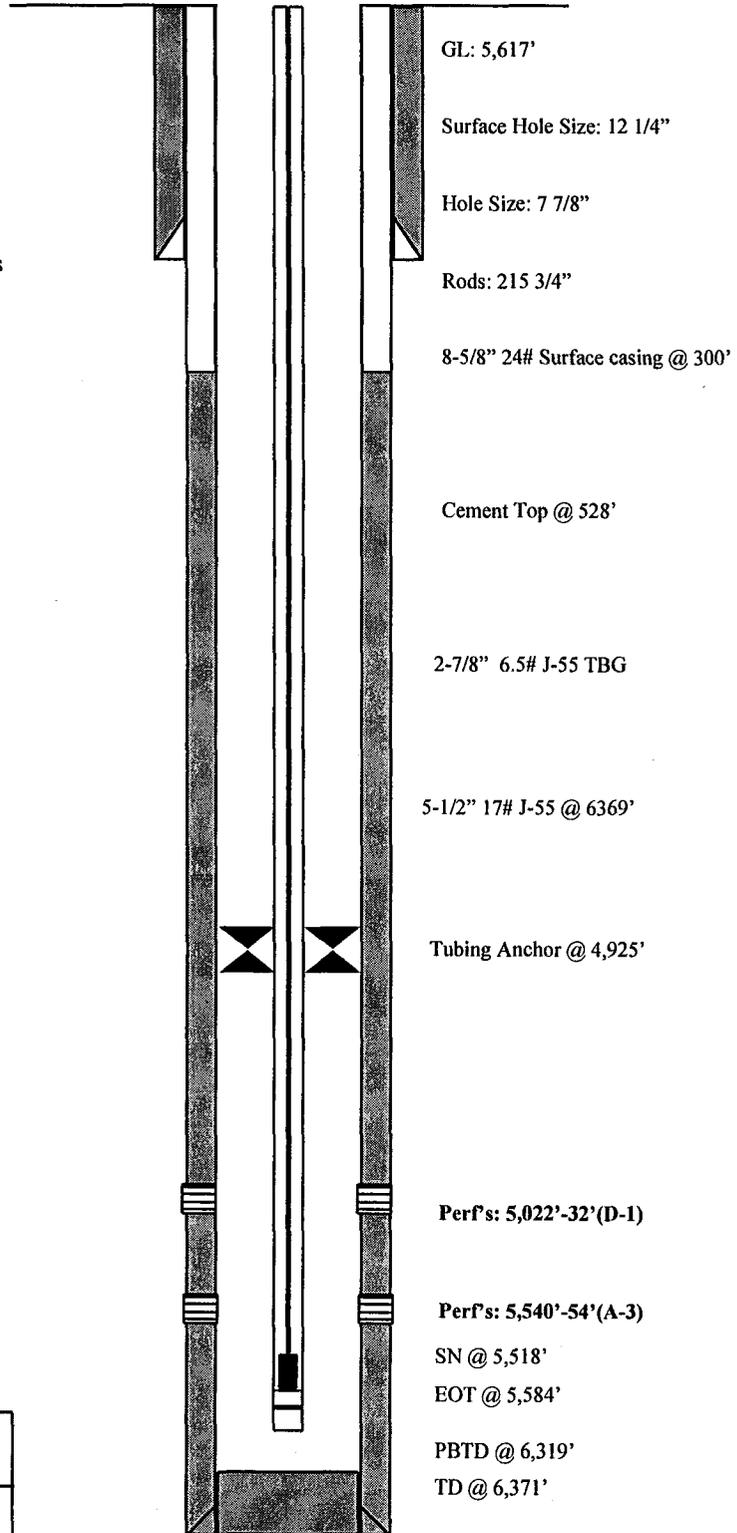
	<b>Inland Resources Inc.</b>
	<b>Monument Butte Federal #6-34</b>
	1980 FNL 1980 FWL
	SENW Section 34-T8S-R16E
	Duchesne Co, Utah
API #43-013-31504; Lease #U-62848	

# Monument Butte Federal #7-34

Wellbore Diagram

**Well History:**

11-7-94	Spud Well
12-2-94	Perf 5,540'-5,554' Frac A-3 zone as follows: Pumped 214 bbl pad 8# 357 bbls w/ 20/40 sd Stage 8# 21 bbls 20/40 sd Flush 132 bbls Total BFP 724 w/ 80,000 bbls 20/40 sd ATP 2000 psi @ 5 BPM ISIP 1870
12-5-95	Perf 5,022'-5,032'
12-6-95	Frac D-1 zone as follows: Pumped 250 bbls gel 6# 20/40 sd 238 bbls 8# 16/30 sd 139 bbls Flush 119 bbls KCL Total bbls 747 sand 80,000# Max TP 2300@ 33 BPM Avg TP 1950 @ 30 BPM ISIP 2,054, 1,896 after 5 min



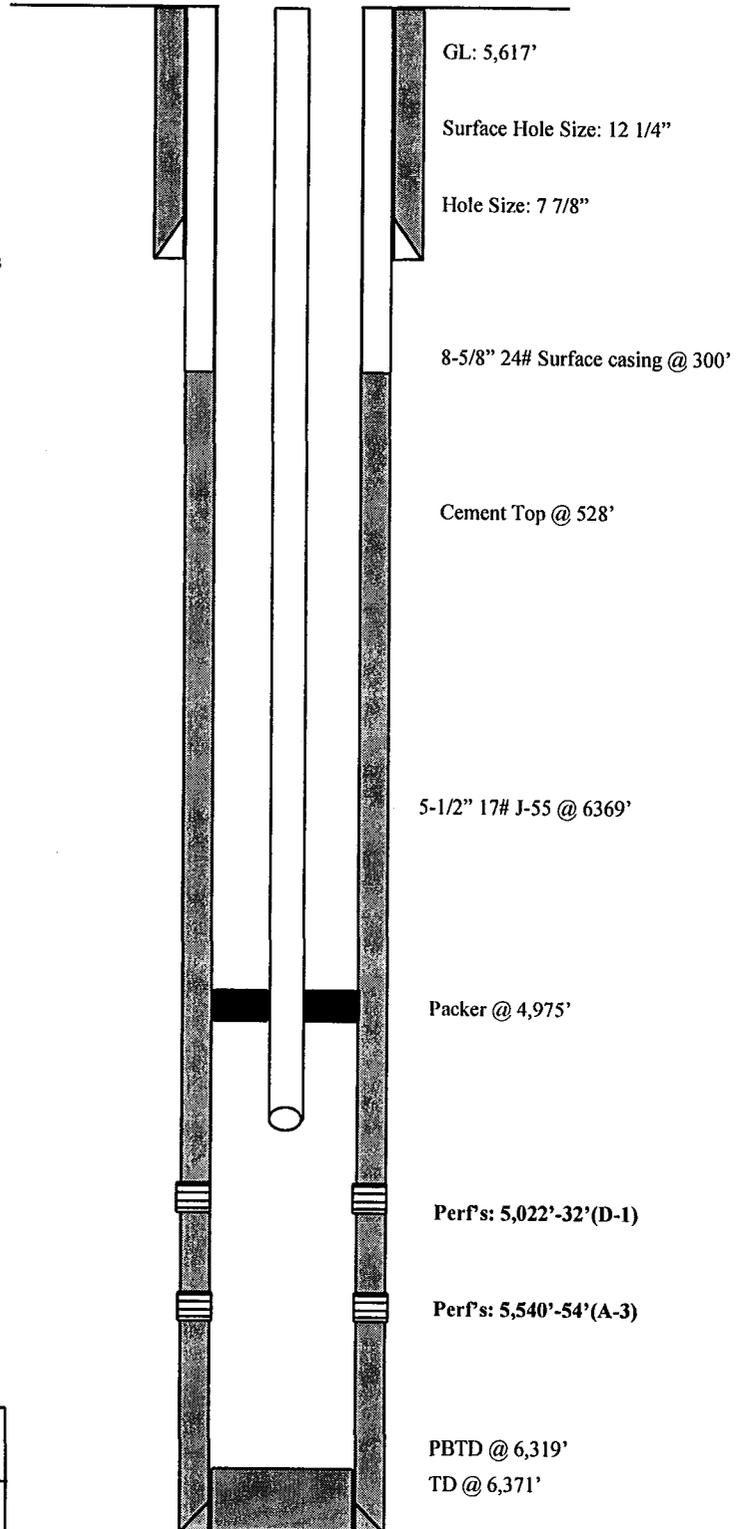
	<p><b>Inland Resources Inc.</b></p>
	<p><b>Monument Butte Federal #7-34</b></p> <p>1980 FNL 1980 FEL</p> <p>SENE Section 34-T8S-R16E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-31471; Lease #U-16535</p>

# Monument Butte Federal #7-34

Injection Diagram

**Well History:**

11-7-94	Spud Well
12-2-94	Perf 5,540'-5,554' Frac A-3 zone as follows: Pumped 214 bbl pad 8# 357 bbls w/ 20/40 sd Stage 8# 21 bbls 20/40 sd Flush 132 bbls Total BFP 724 w/ 80,000 bbls 20/40 sd ATP 2000 psi @ 5 BPM ISIP 1870
12-5-95	Perf 5,022'-5,032'
12-6-95	Frac D-1 zone as follows: Pumped 250 bbls gel 6# 20/40 sd 238 bbls 8# 16/30 sd 139 bbls Flush 119 bbls KCL Total bbls 747 sand 80,000# Max TP 2300@ 33 BPM Avg TP 1950 @ 30 BPM ISIP 2,054, 1,896 after 5 min



	<b>Inland Resources Inc.</b>
	<b>Monument Butte Federal #7-34</b> 1980 FNL 1980 FEL SENE Section 34-T8S-R16E Duchesne Co, Utah API #43-013-31471; Lease #U-16535

# Travis Federal Unit #1-33

Spud Date: 7/24/96  
 Put on Production: 8/22/96  
 GL: 5635' KB: 5648'

Initial Production: 25 BOPD,  
 47 MCFPD, 3 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 292.29'(7 jts.)  
 DEPTH LANDED: 290.69' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6157.76')  
 DEPTH LANDED: 6149.77'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 335 sk Hyfill mixed & 380 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 194 jts (?)  
 TUBING ANCHOR: 5002'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: ? (EOT @ 5477')  
 SN LANDED AT: 5350'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished  
 SUCKER RODS: 4-3/4" scraped, 105-3/4" slick rods, 961-3/4" scraped  
 TOTAL ROD STRING LENGTH: ?  
 PUMP NUMBER: ?  
 PUMP SIZE: 1-2-1/2" x 1-1/2" x 15 RHAC pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 8 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

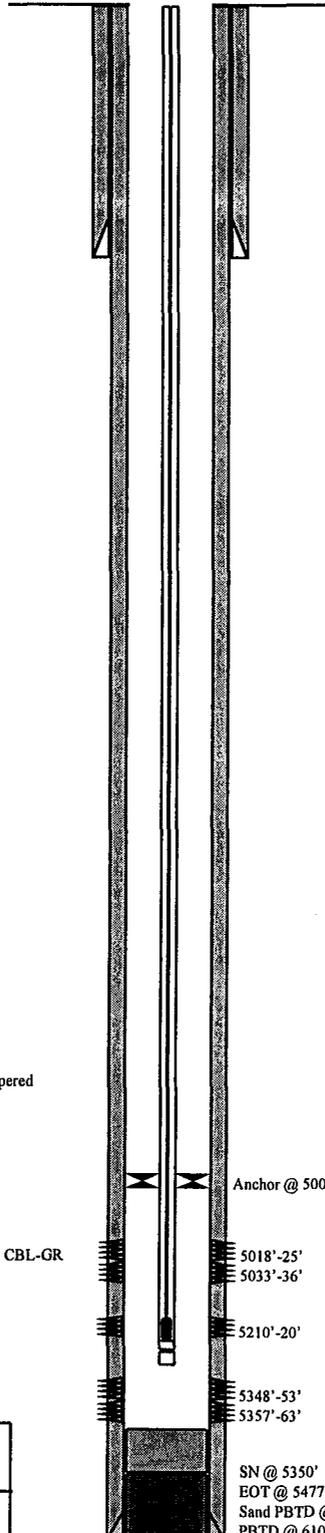
8/14/96 5348'-5363' **Frac B-2 sand as follows:**  
 56,600# of 20/40 sand in 364 bbls of Boragel. Breakdown @ 2920 psi. Treated @ avg rate of 18 bpm w/avg press of 2200 psi. ISIP- 2456, 5-min 2426 psi. Flowback on 12/64" ck for 3 hrs and died.

8/16/96 5210'-5220' **Frac C sand as follows:**  
 63,800# of 20/40 sand in 369 bbls of Boragel. Breakdown @ 2025 psi. Treated @ avg rate of 21 bpm w/avg press of 3000 psi. Well screened off w/984 gal left in flush. Est sand displ: 57,400# in formation, 4400# in csg. ISIP 4185 psi, 5-min 4033 psi. Flowback on 12/64" ck for 15 min and died.

8/19/96 5018'-5036' **Frac D-1 sand as follows:**  
 63,900# of 20/40 sand in 383 bbls of Boragel. Breakdown @ 2411 psi. Treated @ avg rate of 25.5 bpm w/avg press of 2600 psi. ISIP-3182 psi, 5-min 3088 psi. Flowback on 12/64" ck for 2-1/2 hrs and died.

**PERFORATION RECORD**

8/13/96	5348'-5353'	4 JSPF	24 holes
8/13/96	5357'-5363'	4 JSPF	28 holes
8/15/96	5210'-5220'	4 JSPF	40 holes
8/17/96	5018'-5025'	4 JSPF	28 holes
8/17/96	5033'-5036'	4 JSPF	12 holes



Anchor @ 5002'

5018'-25'  
 5033'-36'

5210'-20'

5348'-53'  
 5357'-63'

SN @ 5350'  
 EOT @ 5477'  
 Sand PBD @ 5800'  
 PBD @ 6100'  
 TD @ 6350'



**Inland Resources Inc.**

**Travis Federal Unit #1-33**

660 FEL 660 FNL

NENE Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31603; Lease #U-34173

# Travis Federal Unit #1-33

Spud Date: 7/24/96  
 Put on Injection: --/--/--  
 GL: 5635' KB: 5648'

Initial Production: 25 BOPD,  
 47 MCFPD, 3 BWPD

Injection Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 292.29'(7 jts.)  
 DEPTH LANDED: 290.69' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cem, ext 4 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 144 jts. (6157.76')  
 DEPTH LANDED: 6149.77'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 335 sk Hyfill mixed & 380 sxs thixotropic  
 CEMENT TOP AT: Surface per CBL

**TUBING**

SIZE/GRADE/WT.:  
 NO. OF JOINTS:  
 TUBING ANCHOR:  
 SEATING NIPPLE:  
 TOTAL STRING LENGTH:  
 SN LANDED AT:

**SUCKER RODS**

POLISHED ROD:  
 SUCKER RODS:  
 TOTAL ROD STRING LENGTH:  
 PUMP NUMBER:  
 PUMP SIZE:  
 STROKE LENGTH:  
 PUMP SPEED, SPM:  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

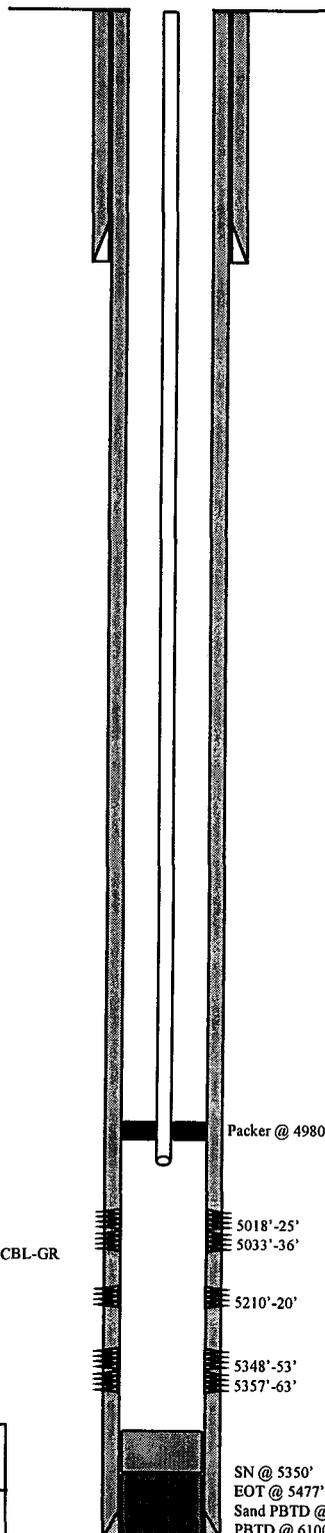
8/14/96 5348'-5363' **Frac B-2 sand as follows:**  
 56,600# of 20/40 sand in 364 bbls of Boragel. Breakdown @ 2920 psi. Treated @ avg rate of 18 bpm w/avg press of 2200 psi. ISIP- 2456, 5-min 2426 psi. Flowback on 12/64" ck for 3 hrs and died.

8/16/96 5210'-5220' **Frac C sand as follows:**  
 63,800# of 20/40 sand in 369 bbls of Boragel Breakdown @ 2025 psi Treated @ avg rate of 21 bpm w/avg press of 3000 psi. Well screened off w/984 gal left in flush. Est sand displ: 57,400# in formation, 4400# in csg. ISIP 4185 psi, 5-min 4033 psi. Flowback on 12/64" ck for 15 min and died.

8/19/96 5018'-5036' **Frac D-1 sand as follows:**  
 63,900# of 20/40 sand in 383 bbls of Boragel. Breakdown @ 2411 psi. Treated @ avg rate of 25.5 bpm w/avg press of 2600 psi. ISIP-3182 psi, 5-min 3088 psi. Flowback on 12/64" ck for 2-1/2 hrs and died.

**PERFORATION RECORD**

8/13/96	5348'-5353'	4 JSPF	24 holes
8/13/96	5357'-5363'	4 JSPF	28 holes
8/15/96	5210'-5220'	4 JSPF	40 holes
8/17/96	5018'-5025'	4 JSPF	28 holes
8/17/96	5033'-5036'	4 JSPF	12 holes





**Inland Resources Inc.**

**Travis Federal Unit #1-33**

660 FEL 660 FNL

NENE Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31603; Lease #U-34173

# Monument Butte Federal #13-27

Spud Date: 10/29/96  
 Put on Production: 12/3/96  
 GL: 5617' KB: 5630'

Initial Production: 106 BOPD,  
 132 MCFPD, 6 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 289.49'(7 jts.)  
 DEPTH LANDED: 288.49' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts. (6225.45')  
 DEPTH LANDED: 6197.45'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 425 sk Hibond mixed & 425 sxs Thixo w/ 10% CalSeal  
 CEMENT TOP AT: 449' per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#  
 NO. OF JOINTS: 199 jts  
 TUBING ANCHOR: 5707'  
 SEATING NIPPLE: 2-7/8" (1.10')  
 TOTAL STRING LENGTH: EOT @ 5956'  
 SN LANDED AT: 5861'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' polished  
 SUCKER RODS: 8 - 1" scraped, 4 - 3/4" scraped, 129-3/4" plain rods, 92-3/4" scraped  
 TOTAL ROD STRING LENGTH: 5841  
 PUMP NUMBER: ?  
 PUMP SIZE: 2-1/2 x 1-1/2 x 15 RHAC pump  
 STROKE LENGTH: 74"  
 PUMP SPEED, SPM: 8 SPM  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

**FRAC JOB**

11/20/96 5766'-5868' **Frac LODC sand as follows:**  
 107,800# of 20/40 sand in 600 bbls of Boragel. Breakdown @ 3180 psi. Treated @ avg rate of 32.2 bpm w/avg press of 2700 psi. ISIP-3137 psi, 5-min 3039 psi. Flowback on 12/64" ck for 5 hours and died

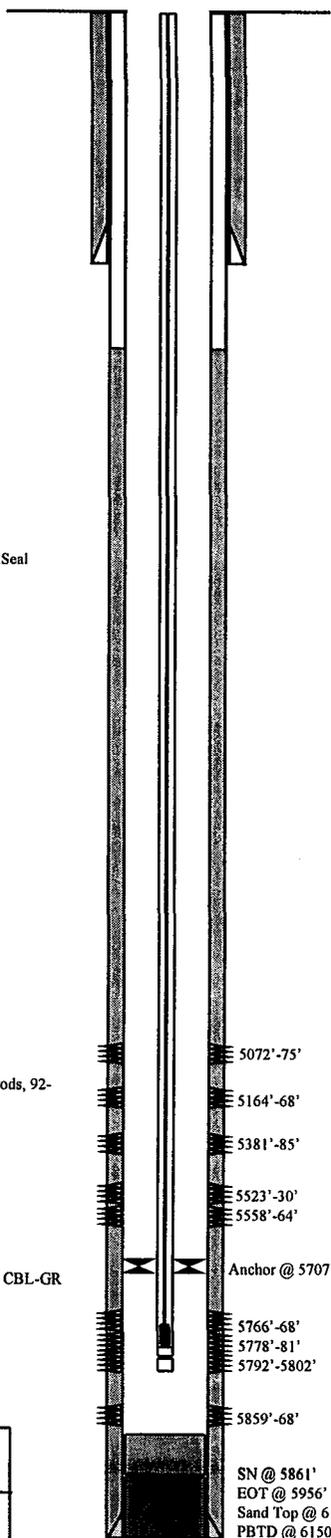
11/22/96 5523'-5564' **Frac A-2 sand as follows:**  
 81,900# of 20/40 sand in 483 bbls of Boragel. Breakdown @ 2560 psi. Treated @ avg rate of 23 bpm w/avg press of 2400 psi. ISIP-3917 psi, 5-min 3442 psi. Flowback on 12/64" ck for 3 hrs and died.

11/25/96 5381'-5385' **Frac B-2 sand as follows:**  
 74,400# of 20/40 sand in 454 bbls of Boragel. Breakdown @ 3214 psi. Treated @ avg rate of 20.5 bpm w/avg press of 2450 psi. ISIP-2817 psi, 5-min 2650 psi. Flowback on 12/64" ck for 3 hours and died.

11/27/96 5072'-5168' **Frac D-1 and D-3 sand as follows:**  
 96,200# of 20/40 sand in 532 bbls of Boragel. Breakdown @ 2380 psi. Treated @ avg rate of 22 bpm w/avg press of 1950 psi. ISIP-2402 psi, 5-min 2343 psi. Flowback on 12/64" ck for 5 hours and died.

**PERFORATION RECORD**

11/19/96	5766'-5768'	4 JSPF	8 holes
11/19/96	5778'-5781'	4 JSPF	12 holes
11/19/96	5792'-5802'	4 JSPF	40 holes
11/19/96	5859'-5868'	4 JSPF	36 holes
11/21/96	5523'-5530'	4 JSPF	28 holes
11/21/96	5558'-5564'	4 JSPF	24 holes
11/23/96	5381'-5385'	4 JSPF	16 holes
11/27/96	5072'-5075'	4 JSPF	12 holes
11/27/96	5164'-5168'	4 JSPF	16 holes





**Inland Resources Inc.**

**Monument Butte Federal #13-27**

619 FSL 685 FWL

SWSW Section 27-T8S-R16E

Duchesne Co, Utah

API #43-013-31611; Lease #U-62848

# Monument Butte Federal #13-27

Spud Date: 10/29/96  
 Put on Injection: --/--/--  
 GL: 5617' KB: 5630'

Initial Production: 106 BOPD,  
 132 MCFPD, 6 BWPD

Proposed Injection Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 289.49'(7 jts.)  
 DEPTH LANDED: 288.49' GL  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts. (6225.45')  
 DEPTH LANDED: 6197.45'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 425 sk Hibond mixed & 425 sxs Thixo w/ 10% CalSeal  
 CEMENT TOP AT: 449' per CBL

**TUBING**

SIZE/GRADE/WT.:  
 NO. OF JOINTS:  
 TUBING ANCHOR:  
 SEATING NIPPLE:  
 TOTAL STRING LENGTH:  
 SN LANDED AT:

**SUCKER RODS**

POLISHED ROD:  
 SUCKER RODS:  
 TOTAL ROD STRING LENGTH:  
 PUMP NUMBER:  
 PUMP SIZE:  
 STROKE LENGTH:  
 PUMP SPEED, SPM:  
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

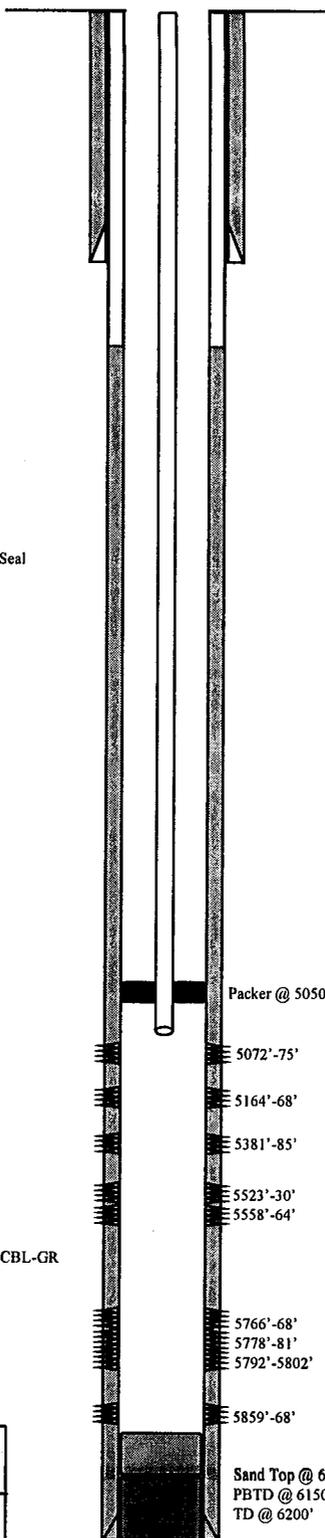
**FRAC JOB**

11/20/96 5766'-5868' **Frac LODC sand as follows:**  
 107,800# of 20/40 sand in 600 bbls of Boragel. Breakdown @ 3180 psi. Treated @ avg rate of 32.2 bpm w/avg press of 2700 psi. ISIP-3137 psi, 5-min 3039 psi. Flowback on 12/64" ck for 5 hours and died

11/22/96 5523'-5564' **Frac A-2 sand as follows:**  
 81,900# of 20/40 sand in 483 bbls of Boragel. Breakdown @ 2560 psi. Treated @ avg rate of 23 bpm w/avg press of 2400 psi. ISIP-3917 psi, 5-min 3442 psi. Flowback on 12/64" ck for 3 hrs and died.

11/25/96 53381'-5385' **Frac B-2 sand as follows:**  
 74,400# of 20/40 sand in 454 bbls of Boragel. Breakdown @ 3214 psi. Treated @ avg rate of 20.5 bpm w/avg press of 2450 psi. ISIP-2817 psi, 5-min 2650 psi. Flowback on 12/64" ck for 3 hours and died.

11/27/96 5072'-5168' **Frac D-1 and D-3 sand as follows:**  
 96,200# of 20/40 sand in 532 bbls of Boragel. Breakdown @ 2380 psi. Treated @ avg rate of 22 bpm w/avg press of 1950 psi. ISIP-2402 psi, 5-min 2343 psi. Flowback on 12/64" ck for 5 hours and died.



**PERFORATION RECORD**

Date	Interval	ISIP	Min Press	Rate	Holes
11/19/96	5766'-5768'	4 JSPF			8 holes
11/19/96	5778'-5781'	4 JSPF			12 holes
11/19/96	5792'-5802'	4 JSPF			40 holes
11/19/96	5859'-5868'	4 JSPF			36 holes
11/21/96	5523'-5530'	4 JSPF			28 holes
11/21/96	5558'-5564'	4 JSPF			24 holes
11/23/96	5381'-5385'	4 JSPF			16 holes
11/27/96	5072'-5075'	4 JSPF			12 holes
11/27/96	5164'-5168'	4 JSPF			16 holes



**Inland Resources Inc.**

**Monument Butte Federal #13-27**

619 FSL 685 FWL  
 SWSW Section 27-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31611; Lease #U-62848

# Federal #23-34

Spud Date: 11/30/90  
Put on Production: --/--/--  
GL: ?' KB: 5661'

Initial Production: 160 BOPD,  
50 MCFPD, 60 BWPD

## Wellbore Diagram

### SURFACE CASING

No Information Available

### FRAC JOB

No Information Available

### PRODUCTION CASING

No Information Available

### TUBING

SIZE/GRADE/WT.: Information Not Available

NO. OF JOINTS:

TUBING ANCHOR:

SEATING NIPPLE:

TOTAL STRING LENGTH:

SN LANDED AT:

### SUCKER RODS

POLISHED ROD: Information Not Available

SUCKER RODS:

TOTAL ROD STRING LENGTH:

PUMP NUMBER:

PUMP SIZE:

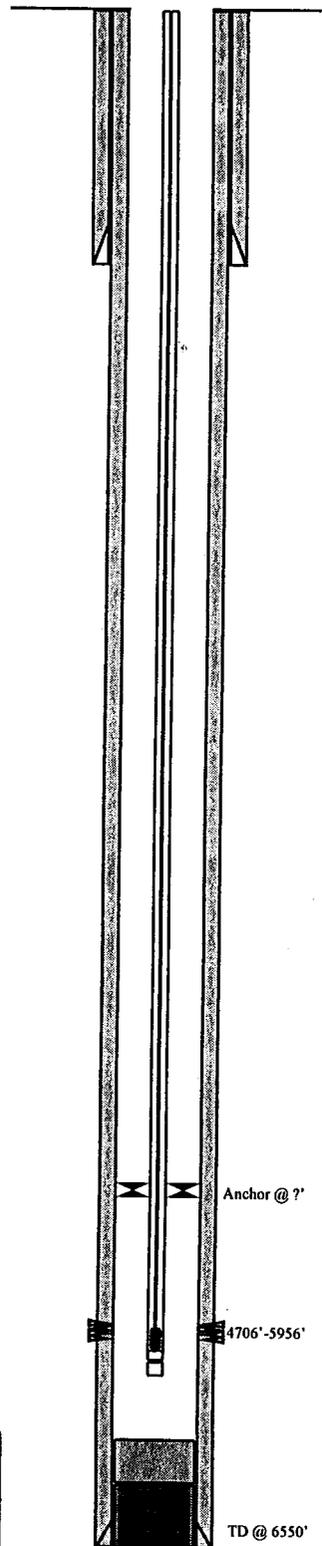
STROKE LENGTH:

PUMP SPEED, SPM:

LOGS:

### PERFORATION RECORD

4706'-5956'



**Inland Resources Inc.**

**Federal #23-34**

1880 FSL 1980 FWL

NESW Section 33-T8S-R16E

Duchesne Co, Utah

API #43-013-31241; Lease #?

# UNICHEM

A Division of BJ Services

P.O. Box 217  
Roosevelt, Utah 84066

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

## WATER ANALYSIS REPORT

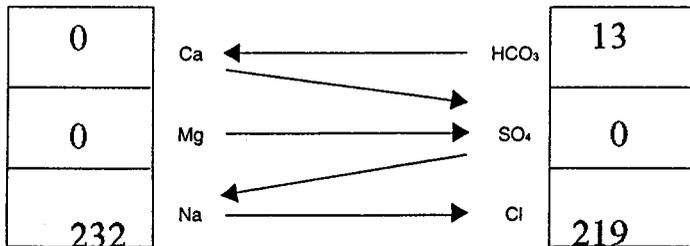
Company INLAND Address \_\_\_\_\_ Date 05-02-97

Source MB 3-34 Date Sampled \_\_\_\_\_ Analysis No. \_\_\_\_\_

	Analysis	mg/l(ppm)	*Meg/l
1. PH	8.8		
2. H <sub>2</sub> S (Qualitative)	1.0		
3. Specific Gravity	1.005		
4. Dissolved Solids		13,899	
5. Alkalinity (CaCO <sub>3</sub> )		CO <sub>3</sub> 60	÷ 30 2 CO <sub>3</sub>
6. Bicarbonate (HCO <sub>3</sub> )		HCO <sub>3</sub> 670	÷ 61 11 HCO <sub>3</sub>
7. Hydroxyl (OH)		OH 0	÷ 17 0 OH
8. Chlorides (Cl)		Cl 7,800	÷ 35.5 219 Cl
9. Sulfates (SO <sub>4</sub> )		SO <sub>4</sub> 0	÷ 48 0 SO <sub>4</sub>
10. Calcium (Ca)		Ca 8	÷ 20 0 Ca
11. Magnesium (Mg)		Mg 5	÷ 12.2 0 Mg
12. Total Hardness (CaCO <sub>3</sub> )		40	
13. Total Iron (Fe)		1.6	
14. Manganese			
15. Phosphate Residuals			

\*Milli equivalents per liter

### PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO <sub>3</sub> ) <sub>2</sub>	81.04				
CaSO <sub>4</sub>	68.07				
CaCl <sub>2</sub>	55.50				
Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17				
MgSO <sub>4</sub>	60.19				
MgCl <sub>2</sub>	47.62				
NaHCO <sub>3</sub>	84.00		13		1,092
Na <sub>2</sub> SO <sub>4</sub>	71.03				
NaCl	58.46		219		12,803

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

REMARKS \_\_\_\_\_

## AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND  
 LOCATION:  
 SYSTEM:

05-02-97

WATER DESCRIPTION: MB 3-34

	INPUT ANALYSIS	VALUES USED IN CALCULATIONS
P-ALK AS PPM CaCO <sub>3</sub>	60	60
M-ALK AS PPM CaCO <sub>3</sub>	670	670
SULFATE AS PPM SO <sub>4</sub>	0	
CHLORIDE AS PPM Cl	7800	7800
HARDNESS AS PPM CaCO <sub>3</sub>	40	40
CALCIUM AS PPM CaCO <sub>3</sub>	8	8
MAGNESIUM AS PPM CaCO <sub>3</sub>	5	5
SODIUM AS PPM Na	5336	5336
BARIUM AS PPM Ba	0	
STRONTIUM AS PPM Sr	0	
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	13899	13542
TEMP (DEG-F)	100	
SYSTEM pH	8.8	
pH		8.8

## RESULTS:

IONIC STRENGTH-MOLAL	.231
SPECIFIC GRAVITY (EST. VALUE)	1.01
TOTAL DISSOLVED SOLIDS-PPM (EST. VALUE)	13542

## SCALING PREDICTIONS OVER A RANGE OF TEMPERATURES:

DEG-F	STIFF DAVIS CaCO <sub>3</sub> INDEX	lbs/1000 BBL EXCESS CaCO <sub>3</sub>	mg/l BaSO <sub>4</sub> IN EXCESS OF SATURATION	mg/l SrO <sub>4</sub> IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
80	-.28	0	0	0	0
100	-.04	0	0	0	0
120	.23	1	0	0	0
140	.56	2	0	0	0
160	.82	2	0	0	0
180	1.19	2	0	0	0
200	1.58	2	0	0	0

## AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND  
 LOCATION:  
 SYSTEM:

05-02-97

WATER DESCRIPTION:	MONUMENT BUTTE NE	MB 3-34
P-ALK AS PPM CaCO3	75	60
M-ALK AS PPM CaCO3	730	670
SULFATE AS PPM SO4	30	0
CHLORIDE AS PPM Cl	1400	7800
HARDNESS AS PPM CaCO3	200	40
CALCIUM AS PPM CaCO3	64	8
MAGNESIUM AS PPM CaCO3	10	5
SODIUM AS PPM Na	1196	5336
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	3649	13899
TEMP (DEG-F)	100	100
SYSTEM pH	8.8	8.8

## WATER COMPATIBILITY CALCULATIONS

MONUMENT BUTTE NE AND MB 3-34

CONDITIONS: TEMP.=100AND pH=8.8

WATER ONE IS MONUMENT BUTTE NE

% OF WATER # 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.42	21	0	0	0
90	1.32	19	0	0	0
80	1.21	17	0	0	0
70	1.10	15	0	0	0
60	.99	12	0	0	0
50	.87	10	0	0	0
40	.73	8	0	0	0
30	.58	6	0	0	0
20	.41	4	0	0	0
10	.22	1	0	0	0
0	-.04	0	0	0	0

## AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND  
 LOCATION:  
 SYSTEM:

05-02-97

WATER DESCRIPTION:	BOUNDARY INJECTIO	MB 3-34
P-ALK AS PPM CaCO3	0	60
M-ALK AS PPM CaCO3	300	670
SULFATE AS PPM SO4	90	0
CHLORIDE AS PPM Cl	35	7800
HARDNESS AS PPM CaCO3	280	40
CALCIUM AS PPM CaCO3	64	8
MAGNESIUM AS PPM CaCO3	29	5
SODIUM AS PPM Na	69	5336
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	590	13899
TEMP (DEG-F)	100	100
SYSTEM pH	8.7	8.8

WATER COMPATIBILITY CALCULATIONS  
 BOUNDARY INJECTIO AND MB 3-34  
 CONDITIONS: TEMP.=100AND pH=8.8  
 WATER ONE IS BOUNDARY INJECTIO

%OF WATER # 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.12	20	0	0	0
90	1.06	18	0	0	0
80	.99	16	0	0	0
70	.91	14	0	0	0
60	.83	12	0	0	0
50	.73	10	0	0	0
40	.62	7	0	0	0
30	.48	5	0	0	0
20	.33	3	0	0	0
10	.15	1	0	0	0
0	-9.50	0	0	0	0

HALLIBURTON

Well No. 3-34

Lease MONUMENT BC

FEDERAL

Job Id 002850100338

ENERGY SERVICES

Customer INLAND PRODUCTION COMPANY

Date 12-08-95

## JOB SUMMARY

Job Type Frac Jobs

Operator MARTIN G. CURTI

## Well Configuration

PIPE	FROM	TO	SIZE	WEIGHT	MAX/PSI	NEW/USED
PRODUCTION CASING		6251	5.5	15.5	4000	N

## Well Perforation

FROM	TO	SHOTS	FORMATION	FORMATION TYPE
5746	5768	4	LOWER DOUGLAS CRK.	GREEN RIVER SANDSTONE

## Materials

CATEGORY	DESCRIPTION	QUANTITY	UNITS	CONCENTRATE	UNITS	MIX
SYSTEM	BORAGEL G	5000.000	LB	35.000	LBS/1000	GAL
SYSTEM	BORAGEL G	14237.000	LB	30.000	LBS/1000	GAL
PARAFFIN CONTROL	PARACHEK 160	240.000	GAL	20.000	GAL/1000	GAL
CLAY CONTROL	CLAYFIX II	45.000	GAL	2.000	GAL/1000	GAL
	SP BREAKER	80.000	LB	4.000	LBS/1000	GAL
BIOCIDE	BE-5	12.000	LB	0.300	LBS/1000	GAL
ANTI-SLUDGE	AS-7	40.000	GAL	2.000	GAL/1000	GAL
SURFACTANT	LOSURF-259	40.000	GAL	2.000	GAL/1000	GAL
GELLING AGENT	LGC-8	13.000	GAL	8.750	GAL/1000	GAL
PROPANT	SAND 20/40 WHITE BUL	79100.000	LB			

## Employees and Equipment

EMPLOYEE NAME	EMPL. ID	EQUIPMENT	UNIT NO.	LOCATION
M.G, CURTIS		OPERATOR	38224	VERNAL
J.ORIET		ENG	94407J	
E.R.AROCHO		SUP		
R.COOK		BLENDER	50336	75351
L.COOK		PRE-GEL	53351	76630
J.JACKSON		IRON		52987
L.OAKS		MANIFOLD	52154	7864
M.NIELSON		HT		3742
D.MCCOY		HT		3743
D.HUBER		HT		4865
J.HATCH		HT		9359
D.HAASE		MAT		3779
J.BROWN		FRAC-VAN-QC	52561	77936
D.LEE		SN.SVC.SUPERVISOR	40981	

HALLIBURTON

Well No. 3-34

Lease MONUMENT BUT FEDERAL

Job Id 002850100338

ENERGY SERVICES

Customer INLAND PRODUCTION COMPANY

Date 12-08-95

## JOB SUMMARY

Job Type Frac Jobs

Operator MARTIN G. CURTI

## Job Information

CONTRACTOR: BASIN WELL SERVICE  
 JOB PURPOSE: 08 Frac Jobs  
 JOB DESCRIPTION: BORAGEL 35/30195  
 PERFORMED THRU:  
 CALLED OUT: 12-08-95 04:00  
 ON LOCATION: 12-08-95 06:00  
 STARTED: 12-08-95 09:47  
 COMPLETED: 12-08-95 10:00

## Well Information

OWNER NAME: INLAND PRODUCTION COMPANY  
 WELL TYPE: 001 Oil WELL CATEGORY: 001 Development  
 MUD TYPE: N/A MUD WEIGHT: N/A  
 BOT HOLE TEMP: 145 BOT HOLE PSI: 4692  
 TOTAL DEPTH: 6251 PBTD: 5900

## Pressures in PSI

AVERAGE: 2200 MAXIMUM: 3045  
 BREAKDOWN: 3045  
 FLUSH: 2122 FRAC GRADIENT: .86  
 ISIP: 2489 5-MIN: 2340  
 10-MIN: 2261 15-MIN:

## Volumes

PREPAD: BBL PREPAD TYPE:  
 LOAD & BKDN: BBL TREATMENT: 452.38 BBL  
 FLUSH: 134.76 BBL  
 PAD: 119.05 BBL  
 GAS ASSIST: TON TYPE: AT: SC  
 F/BBL  
 FOAM QUALITY: % TOTAL VOL FOAM BBL  
 TOTAL VOLUME: 592.5 BBL

## Hydraulic Horsepower

ORDERED: AVAILABLE: 4000 USED: 1672

## Average Rates in BPM

TREATING: 31 FLUSH: 34 OVERALL: 32

HALLIBURTON

Well No. 3-34

Lease MONUMENT BATTLE FEDERAL

Job Id 002850100342

ENERGY SERVICES

Customer INLAND PRODUCTION COMPANY

Date 12-11-95

**JOB SUMMARY**

Job Type FRAC JOBS

Operator MARTY G. CURTIS

**Job Comments**COMMENTGREEN RIVER C-SAND  
PERFORATIONS 5210' TO 5217'**Tools**

DESCRIPTION	SIZE	QTY	DEPTH	COMMENT	TOOL ID
EXPRESS BRIDGE PLUG	5.500	1	5250		
WELLHEAD ISOLATION TOOL	5.500	1		POOR BOY ISOLAT	2.875

**Materials**

CATEGORY	DESCRIPTION	QUANTITY	UNITS	CONCENTRATE	UNITS	MIX
PARAFFIN CONTROL SYSTEM	PARACHEK 160	240.000	GAL	20.000	GAL/1000	GAL
SYSTEM	BORAGEL G	3500.000	GAL	35.000	LBS/1000	GAL
SYSTEM	BORAGEL G	9200.000	GAL	30.000	LBS/1000	GAL
CLAY CONTROL	CLAYFIX II	40.000	GAL	2.000	GAL/1000	GAL
BIOCIDE	BE-5	12.000	LB	0.360	LBS/1000	GAL
ANTI-SLUDGING	AS-7	27.000	GAL	2.000	GAL/1000	GAL
SURFACTANT	LOSURF-259	30.000	GAL	2.000	GAL/1000	GAL
OXIDIZER BREAKER	SP BREAKER	70.000	LB	5.000	GAL/1000	GAL
GELLING AGENT	LGC-8	13.000	GAL	2.500	GAL/1000	GAL
PROPPANT	SAND 20/40 OTTAWA	W 47600.000	LB			

**Employees and Equipment**

EMPLOYEE NAME	EMPL. ID	EQUIPMENT	UNIT NO.	LOCATION
EROS AROCHO	68788	MOUNTAIN MOVER	005313	VERNAL
DONALD BOWLES	D4233	PICKUP	38324	VERNAL
MICHAEL JACKSON		PUMP TRUCK V-12	04865T	VERNAL
JUSTIN JACKSON	G1748	STAKE BED	3779	VERNAL
JOHN BROWN	G2607	IRON TRUCK	52987	VERNAL
RORY COOK	G3589	FRAC VAN	052561	VERNAL
CRAIG PHILLIPS		BLENDER 100 BBL	75351Z	VERNAL
LEX COOK	H0103	PUMP TRUCK V-12	03742S	VERNAL
MICHAEL NIELSON		LGC BLENDER	76630	VERNAL
MARTY CURTIS		PUMP TRUCK V-12	03743U	VERNAL
LANCE CUTTLER		OPERATOR	38224	VERNAL
		ENG	420015	RCK.SPGS.

ENERGY SERVICES

Customer INLAND PRODUCTION COMPANY

Date 12-11-95

**JOB SUMMARY**

Job Type FRAC JOBS

Operator MARTY G. CURTIS

**Job Information**

CONTRACTOR: BASIN WELL SERVICE  
 JOB PURPOSE: 08 FRAC JOBS  
 JOB DESCRIPTION: BORAGEL G 35/30195  
 PERFORMED THRU:  
 CALLED OUT: 12-11-95 05:00  
 ON LOCATION: 12-11-95 07:00  
 STARTED: 12-11-95 11:14  
 COMPLETED: 12-11-95 11:38

**Well Information**

OWNER NAME: INLAND PRODUCTION COMPANY  
 WELL TYPE: 001 oil WELL CATEGORY: 001 Development  
 MUD TYPE: N/A MUD WEIGHT: N/A  
 BOT HOLE TEMP: 145 BOT HOLE PSI: 4300  
 TOTAL DEPTH: 6240 PBTD: 5320

**Pressures in PSI**

AVERAGE: 2100 MAXIMUM: 2557  
 BREAKDOWN: 2370  
 DISPLACEMENT: 2320 FRAC GRADIENT: 0.91  
 ISIP: 2484 5-MIN: 2441  
 10-MIN: 2405 15-MIN:

**Volumes**

PREPAD: BBL PREPAD TYPE:  
 LOAD & BKDN: BBL TREATMENT: 217.83 BBL  
 DISPLACEMENT: 122.45 BBL  
 PAD: 83.33 BBL  
 GAS ASSIST: TON TYPE: AT: SC  
 F/BBL  
 FOAM QUALITY: % TOTAL VOL FOAM BBL  
 TOTAL VOLUME: 423.62 BBL

**Hydraulic Horsepower**

ORDERED: AVAILABLE: 3000 USED: 1029

**Average Rates in BPM**

TREATING: 20.00 DISPL: 22.00 OVERALL: 20.00

## EXHIBIT "G-3"

HALLIBURTON

Well No. 3-34

Lease MONUMENT RUN

EDFRAI

Job Id 002850100337

ENERGY SERVICES

Customer INLAND PRODUCTION COMPANY

Date 12-13-95

## JOB SUMMARY

Job Type Frac Jobs

Operator MARTY CURTIS

## Well Configuration

PIPE	FROM	TO	SIZE	WEIGHT	MAX/PSI	NEW/USED
PRODUCTION CASING	0	6251	5.5	15.5	4000	N

## Well Perforation

FROM	TO	SHOTS	FORMATION	FORMATION TYPE
5047	5052	4	GREEN RIVER D1 & D2 SAND	SANDSTONE
5084	5089	4		SANDSTONE

## Tools

DESCRIPTION	SIZE	QTY	DEPTH	COMMENT	TOOL ID
EXPRESS BRIDGE PLUG	5.5	1	5150		
WELLHEAD ISOLATION TOOL	5.5	1	0	MANUAL 2-G	2.875

## Materials

CATEGORY	DESCRIPTION	QUANTITY	UNITS	CONCENTRATE	UNITS	MIX
PARAFFIN CONTROL	PARACHEK 160	240.000	GAL	20.000	GAL/1000	GAL
FLUID SYSTEM	BORAGEL G	5000.000	GAL	35.000	LBS/1000	GAL
FLUID SYSTEM	BORAGEL G	13188.000	GAL	30.000	LBS/1000	GAL
CLAY CONTROL	CLAYFIX II	40.000	GAL	2.000	GAL/1000	GAL
RIOCIDF	RE-5	12.000	LB	0.360	GAL/1000	GAL
ANTI-SLUDGING	AS-7	40.000	GAL	2.000	GAL/1000	GAL
SURFACTANT	LOSURF-259	40.000	GAL	2.000	GAL/1000	GAL
OXIDIZER	SP BREAKER	60.000	LB	5.000	GAL/1000	GAL
GELLING AGENT	LGC-8	13.000	GAL	2.500	GAL/1000	GAL
OTTAWA PROPPANT	SAND 20/40 WHITE BUL	64700.000	LB			

## Employees and Equipment

EMPLOYEE NAME	EMPL. ID	EQUIPMENT	UNIT NO.	LOCATION
MARTY CURTIS		OPERATOR	38224	
AROCHO		SUP	38324	
BOWLES		FRAC VAN	52561	
BROWN		BLENDER	75351	
L. COOK		LGC BLENDER	76630	

HALLIBURTON

.1 No. 3-34

Lease MONUMENT BUT. EDERAL

Job Id 002850100337

ENERGY SERVICES

Customer INLAND PRODUCTION COMPANY

Date 12-13-95

## JOB SUMMARY

Job Type Frac Jobs

Operator MARTY CURTIS

## Job Information

CONTRACTOR: BASIN WELL SERVICE  
 JOB PURPOSE: 08 Frac Jobs  
 JOB DESCRIPTION: BORAGEL G 35/30195  
 PERFORMED THRU:  
 CALLED OUT: 12-13-95 05:00  
 ON LOCATION: 12-13-95 11:30  
 STARTED: 12-13-95 14:00  
 COMPLETED: 12-13-95 14:23

## Well Information

OWNER NAME:			
WELL TYPE:	001 Oil	WELL CATEGORY:	001 Development
MUD TYPE:	N/A	MUD WFTGHT:	N/A
ROT HOLE TEMP:	145	BOT HOLE PST:	4200
TOTAL DEPTH:	6251	PBTD:	

## Pressures in PSI

AVERAGE:	2220	MAXIMUM:	2820
BREAKDOWN:	1836		
FLUSH:	2500	FRAC GRADIENT:	0.95
ISIP:	2615	5-MIN:	2474
10-MIN:	2427	15-MIN:	

## Volumes

PREPAD:	0.00	GAL	PREPAD TYPE:		
LOAD & BKDN:	0.00	GAL	TREATMENT:	13190.00	GAL
FLUSH:	4970.00	GAL			
PAD:	5000.00	GAL			
GAS ASSIST:		TON	TYPE:		AT: SC
F/BBL					
FOAM QUALITY:		%	TOTAL VOL FOAM	0.00	GAL
TOTAL VOLUME:	23160.00	GAL			

## Hydraulic Horsepower

ORDERED:		AVAILABLE:	4000	USED:	2461
----------	--	------------	------	-------	------

## Average Rates in BPM

TREATING:	31	FLUSH:	40	OVERALL:	31
-----------	----	--------	----	----------	----

ALLIBURTON SERVICES EXHIBIT "G-4" VERNAL  
**FACTURING SERVICE TRAINING REPORT**

BILLED ON TICKET NO. 00334

FORM # 2012 R-3

Well ID: S. MYTON Sec. 34 Twp. 8 SWELL DATA Rng. 16<sup>E</sup> County DUCHESNE State UTAH

Formation Name: S.R. Castle Peak Type OIL/SAND

Formation Thickness: From 5994 To 6058

Initial Prod: Oil \_\_\_\_\_ Bpd. Water \_\_\_\_\_ Bpd. Gas \_\_\_\_\_ Mcfd.

Present Prod: Oil \_\_\_\_\_ Bpd. Water \_\_\_\_\_ Bpd. Gas \_\_\_\_\_ Mcfd.

Completion Tool # 2 G Mandrel Size 2.875 Extensions \_\_\_\_\_ In.

Driller Type \_\_\_\_\_ Set At \_\_\_\_\_

Bottom Hole Temp. \_\_\_\_\_ RBP@ \_\_\_\_\_

Head Or Flange 7/16 S-K BOI - 3K Flange

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	15.5	5 1/2	0	6251	4000
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**MATERIALS**

**JOB DATA**

Fluid: WATER Density 8.33 Lb./Gal. @ API

Ispl. Fluid: WATER Density 8.33 Lb./Gal. @ API

Prop. Type: OTTAWA Size 20/40 Lb. 11300

Prop. Type \_\_\_\_\_ Size \_\_\_\_\_ Lb. \_\_\_\_\_

Radioactive Tracer \_\_\_\_\_ Carrier \_\_\_\_\_ Units-MCI \_\_\_\_\_

Surfactant Type: LOSUNE 209 Gal. 55 @ 2 /1000 Gal.

Surfactant Type: AS-7 Gal. 55 @ 2 /1000 Gal.

Fluid Loss Type \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Sealing Agent: LGC 8 Gal.-Lb. 180 @ \_\_\_\_\_ /1000 Gal.

Sealing Agent \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Breaker Type: SP Gal.-Lb. 110 @ 3-5 /1000 Gal.

Breaker Type \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Crosslinker: K-38 Gal.-Lb. 50 @ 2 /1000 Gal.

Stabilizer \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Surfactant Type: K-35 Gal.-Lb. 300 @ 10 /1000 Gal.

Surfactant Type \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Antibacterial: BE-5 Gal.-Lb. 12 @ 3 /1000 Gal.

Antibacterial \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Flow Control: Clay Fix II Gal.-Lb. 65 @ 2 /1000 Gal.

Flow Control \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Friction Reducer \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Surfactant Balls \_\_\_\_\_ Qty. \_\_\_\_\_ Size \_\_\_\_\_ S.G. \_\_\_\_\_

Other: PARACHUTER 160 - 245g

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-6</u>	DATE <u>12-6</u>	DATE _____	DATE _____
TIME <u>0400</u>	TIME <u>0600</u>	TIME <u>1016</u>	TIME <u>1100</u>

**PERSONNEL AND SERVICE UNITS**

NAME	UNIT NO. & TYPE	LOCATION
M.G. CURTIS Acs	38224	
B. GUINN OPERATOR	38234	
J. BROWN Frac. VAN + OC	52561-17936	
R. COOK Blender	53361-75351	
L. COOK Pre-gel	53351-76630	
J. JACKSON IRON	52787-7864	
J. HAMNER Mat	3779	
G. DUNCAN HT	3742	
C. PHILLIPS HT	3743	
J. HATCH HT	4865	
D. MCCOY HT	9359	
M. JACKSON	50500	
HOASE Mt. Mover	77080	
S. WINN Fuel	50038	
C. JACKSON Mechanic		
J. ORJET Eng	94407-J	
C. KOENEN Eng		
E.R. ARONCO Coord	38324	

**ACID DATA**

Acid Type \_\_\_\_\_ % \_\_\_\_\_ Gal.-Bbl. \_\_\_\_\_

Acid Type \_\_\_\_\_ % \_\_\_\_\_ Gal.-Bbl. \_\_\_\_\_

Surfactant Type \_\_\_\_\_ Gal. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Surfactant Type \_\_\_\_\_ Gal. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Sealant Type \_\_\_\_\_ Gal. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Flow Control Type \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Corrosion Inhibitor \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Corrosion Inhibitor \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Scaling Inhibitor \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Iron Sequester \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

Friction Reducer \_\_\_\_\_ Gal.-Lb. \_\_\_\_\_ @ \_\_\_\_\_ /1000 Gal.

DEPARTMENT STIMULATION

DESCRIPTION OF JOB 35/30 BORAGEL G

JOB DONE THRU: TUBING  CASING  ANNULUS  TSC./ANN.

**PRESSURES IN PSI**

**SUMMARY**

**VOLUMES**

Circulating \_\_\_\_\_ Displacement \_\_\_\_\_

Breakdown \_\_\_\_\_ Maximum \_\_\_\_\_

Fracture Gradient \_\_\_\_\_

IP 2717 5 Min. 1935 10 Min. 1865 15 Min. \_\_\_\_\_

HYDRAULIC HORSEPOWER Available 4000 Used 1250

AVERAGE RATE IN BPM Overall 35

Displ. \_\_\_\_\_ Overall \_\_\_\_\_

Preflush: Bbl.-Gal. \_\_\_\_\_ Type \_\_\_\_\_

Load & Bkdn: Bbl.-Gal. \_\_\_\_\_ Pad: Scf-Bbl.-Gal. \_\_\_\_\_

Treatment: Bbl.-Gal. \_\_\_\_\_ Displ: Bbl.-Gal. \_\_\_\_\_

Gas Assist \_\_\_\_\_ Tons-Scf \_\_\_\_\_ @ \_\_\_\_\_ Scf./Bbl.

Foam Quality \_\_\_\_\_ % Total Volume Foam \_\_\_\_\_ Bbl.-Gal.

Total Volume: Bbl.-Gal. \_\_\_\_\_ Fluid-Foam \_\_\_\_\_

**REMARKS**

Halliburton Operator Bob Guinn

CUSTOMER

CUSTOMER ULANID  
 LEASE HOWREY BOTTLE FEDERAL  
 WELL NO. 3-34  
 JOB TYPE BORAGEL G  
 DATE 12/6/95



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

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

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

October 6, 1997

Inland Production Company  
P. O. Box 1446  
Roosevelt, Utah 84066

Re: MBF 13-27, MBF 3-34 and MBF 5-34, Section 27 and 34, Township 8 South, Range 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. Conduct a pressure test for mechanical integrity prior to injection.

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

Sincerely,

John R. Baza  
Associate Director, Oil and Gas

cc: Dan Jackson, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Cheryl Cameron, Inland, Vernal



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

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

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

UNDERGROUND INJECTION CONTROL PERMIT

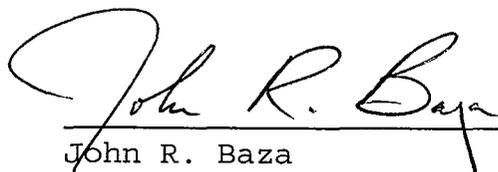
Cause No. UIC-189

Operator: Inland Production Company  
Wells: Monument Butte Federal 3-34  
Location: Section 34, Township 8 South, Range 16 East,  
County: Duchesne  
API No.: 43-013-31518  
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued by the Board of Oil, Gas and Mining on August 29, 1997 (cause number 213-2A).
2. Maximum Allowable Injection Pressure: 2322 psig.
3. Maximum Allowable Injection Rate: (restricted by pressure limitation).
4. Injection Interval: 5047 feet to 6058 feet (Green River Formation).

Approved by:



John R. Baza  
Associate Director, Oil and Gas

10/6/97  
Date

DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT  
STATEMENT OF BASIS**

**Applicant:** Inland Production Company

**Well:** MBF 3-34

**Location:** 34/8S/16E

**API:** 43-013-31518

A complete Statement of Basis was prepared for the Travis Unit project. All of the below issues were addressed in detail. This statement addresses only well specific issues.

**Ownership Issues:** The proposed well is located on BLM land. All lands in the one-half mile radius of the well are owned by the BLM. Leases in the one-half mile radius are held by various individuals and companies. A list of the lease holders, surface owners and operators was submitted with the application. Inland has submitted an affidavit stating that all owners and interest owners have been notified of there intent to convert the well to an injector.

**Well Integrity:** The proposed well has surface casing set at 313 feet and is cemented to surface. A 5 ½ inch production casing is set at 6245 feet and has a reported cement top at the surface. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at approximately 5020 feet. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells and 1 injection well in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

**Ground Water Protection:** The base of moderately saline water is at a depth of approximately 300 feet. High quality ground water may be present in sands down through a depth of 300 feet. These sands are generally discontinuous, low yielding and not subject to direct recharge. Injection shall be limited to the interval between 5047 feet and 6058 feet in the Green River Formation, specifically the LDC, A, B and D sands of the Douglas Creek and the Castle Peak members. The confining intervals above and below the injection zone consists of tight, moderately calcareous sandy lacustrine shale. A water analysis submitted by Inland for the 3-34 well indicates that water in the formation is approximately 14,000 ppm total dissolved solids. The formation is not considered a USDW. Information submitted by Inland indicates that the fracture gradient for the injection zone in the 3-34 well is .86 psig/ft. The resulting fracture pressure at the proposed uppermost perforation at 5047 feet is 2144 psig. The requested maximum pressure was 2322 psi. Injection will be limited to 2144 psig until a step rate test can be run to justify a higher pressre. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be

adequately protected.

Travis II Unit  
page 2

**Oil/Gas& Other Mineral Resources Protection:** This well is located in the proposed expansion of the Travis Unit area. The new expansion will be designated Travis II Unit. A petition has been made to the Board of Oil, Gas and Mining and the BLM for approval of the expansion and for unit operations. The issue will be heard before the Board on July 30, 1997. Correlative rights issues and other interests will be addressed at this time. In review of the information submitted to the Board it appears that the expansion will increase ultimate recovery and will protect the interests of all owners.

**Bonding:** The well is located on Federal land and proper bonds are held by the BLM.

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard (Cause No. 213-2(A)). This notice addresses both the expansion of the Travis Unit and requests permission to convert three wells to injection, one of which is the MBF 3-34. It is recommended that approval be granted to convert the wells to injection predicated on approval from the Board for the expansion and BLM approval of the Unit. Approval should be granted in accordance with information submitted by Inland in there application for conversion. A casing pressure test should be conducted at the time of conversion and a casing/tubing pressure test should be conducted prior to injection.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): D.Jarvis Date: 7/1/97

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-62848

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Monument Butte Fed #3-34

9. API Well No.

43-013-31518

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

SUBMIT IN TRIPLICATE

1. Type of Well

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

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

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

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

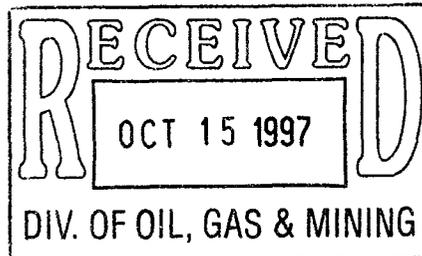
NE/NW Sec. 34, T8S, R16E

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

Table with 2 columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing repair, Altering Casing, Other (On Injection), Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-off, Conversion to Injection, and Dispose Water.

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

The Monument Butte Federal #3-34 location was placed on injection on 10/7/97. Refer to attached chart and csg integrity test.



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

Signed Cheryl Cameron

Title Regulatory Compliance Specialist Date 10/13/97

(This space of Federal or State office use.)

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

Conditions of approval, if any:

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

\*See Instruction on Reverse Side

WD tax credit 10/98

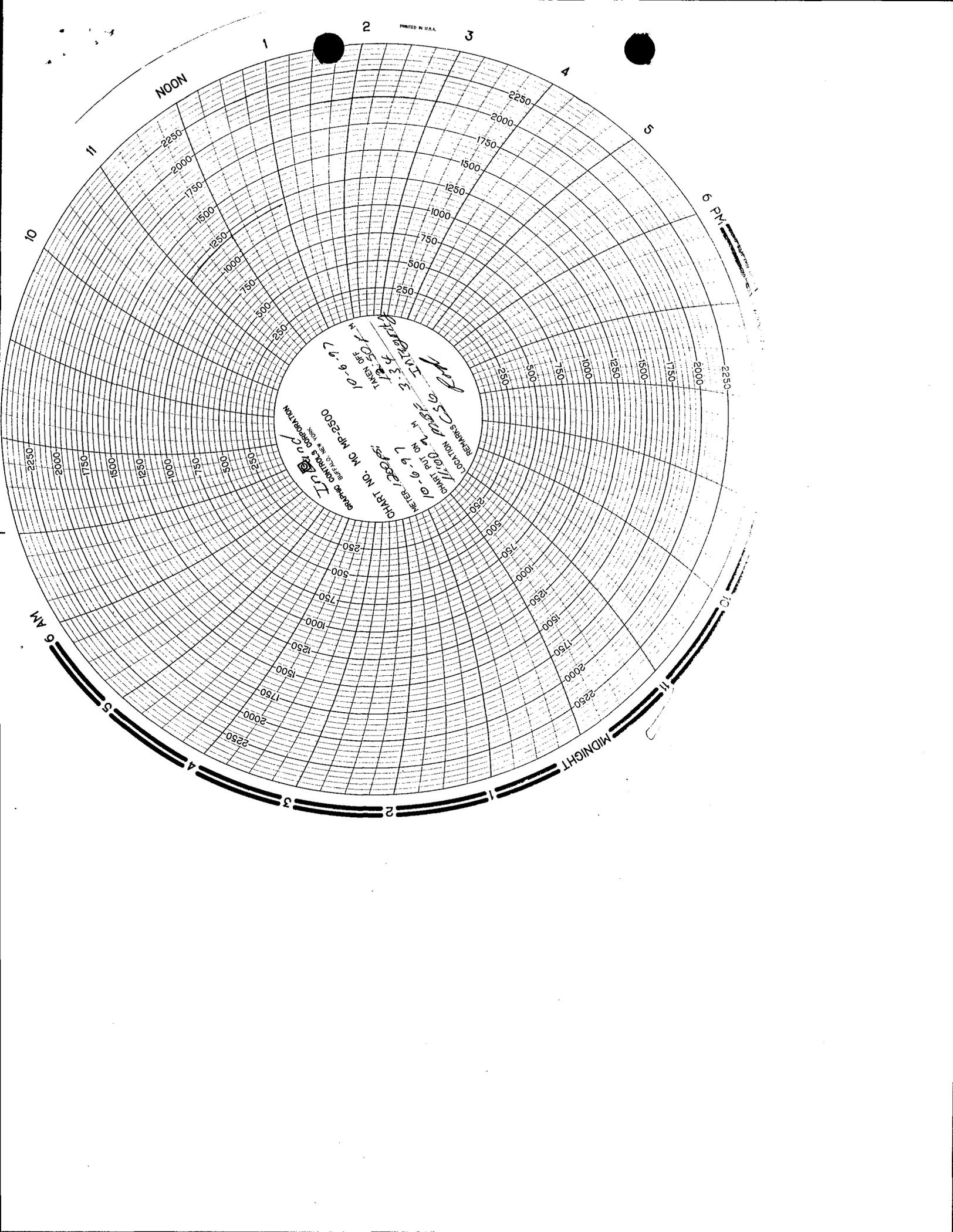
**CASING INTEGRITY TEST**

**MONUMENT BUTTE FEDERAL #3-34  
NE/NW SECTION 34, T8S, R16E  
DUCHESNE COUNTY, UTAH**

<i>0 MIN</i>	<i>1180 PSIG</i>
<i>10 MIN</i>	<i>1180 PSIG</i>
<i>20 MIN</i>	<i>1190 PSIG</i>
<i>30 MIN</i>	<i>1200 PSIG</i>
<i>40 MIN</i>	<i>1200 PSIG</i>
<i>50 MIN</i>	<i>1200 PSIG</i>
<i>60 MIN</i>	<i>1200 PSIG</i>
<i>70 MIN</i>	<i>1200 PSIG</i>
<i>80 MIN</i>	<i>1200 PSIG</i>
<i>90 MIN</i>	<i>1200 PSIG</i>
<i>100 MIN</i>	<i>1200 PSIG</i>
<i>120 MIN</i>	<i>1200 PSIG</i>

**TUBING PRESSURE 0 PSI**

**TEST CONDUCTED BY RODDIE BIRD/INLAND PRODUCTION COMPANY ON 10/6/97  
DAN JARVIS w/ DOGM CONTACTED ON 10/5/97 - UT STATE REPRESENTATIVE UNABLE TO ATTEND**



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

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-62848</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.)		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  <b>N/A</b>	
		7. UNIT AGREEMENT NAME  <b>TRAVIS</b>	
2. NAME OF OPERATOR <b>INLAND PRODUCTION COMPANY</b>		8. FARM OR LEASE NAME <b>MON BUTTE FED 3-34</b>	
3. ADDRESS OF OPERATOR <b>Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</b>		9. WELL NO. <b>MON BUTTE FED 3-34</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>NE/NW Section 34, T8S R16E 0660 FNL 1980 FWL</b>		10. FIELD AND POOL, OR WILDCAT  <b>MONUMENT BUTTE</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>NE/NW Section 34, T8S R16E</b>	
14. API NUMBER <b>43-013-31518</b>	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5603 GR</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>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 9/24/02 Mr. Dennis Ingram w/ State DOGM was contacted and set up a time to conduct the MIT on the casing. On 9/24/02 the casing was pressured to 1200 psi 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 Kusha Russell TITLE Production Clerk DATE 9/26/2002  
Krisha Russell

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

APPROVED BY **Accepted by the Utah Division of Oil, Gas and Mining** TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

Date: 10-01-02 See Instructions On Reverse  
By: [Signature]

GOVERNMENT TO OPERATOR  
Date: 10-2-02  
CHO

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

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

Witness: \_\_\_\_\_ Date 9/24/02 Time 10:00 am pm

Test Conducted by: BOB HENRIE

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

Well: <u>MONUMENT BUTTE FEDERAL 3-34-8-16</u>	Field: <u>TRAVIS EXPANSION UNIT</u>
Well Location: <u>NE/NN SEC 34, T8S, R16E</u>	API No: <u>43-013-31518</u>

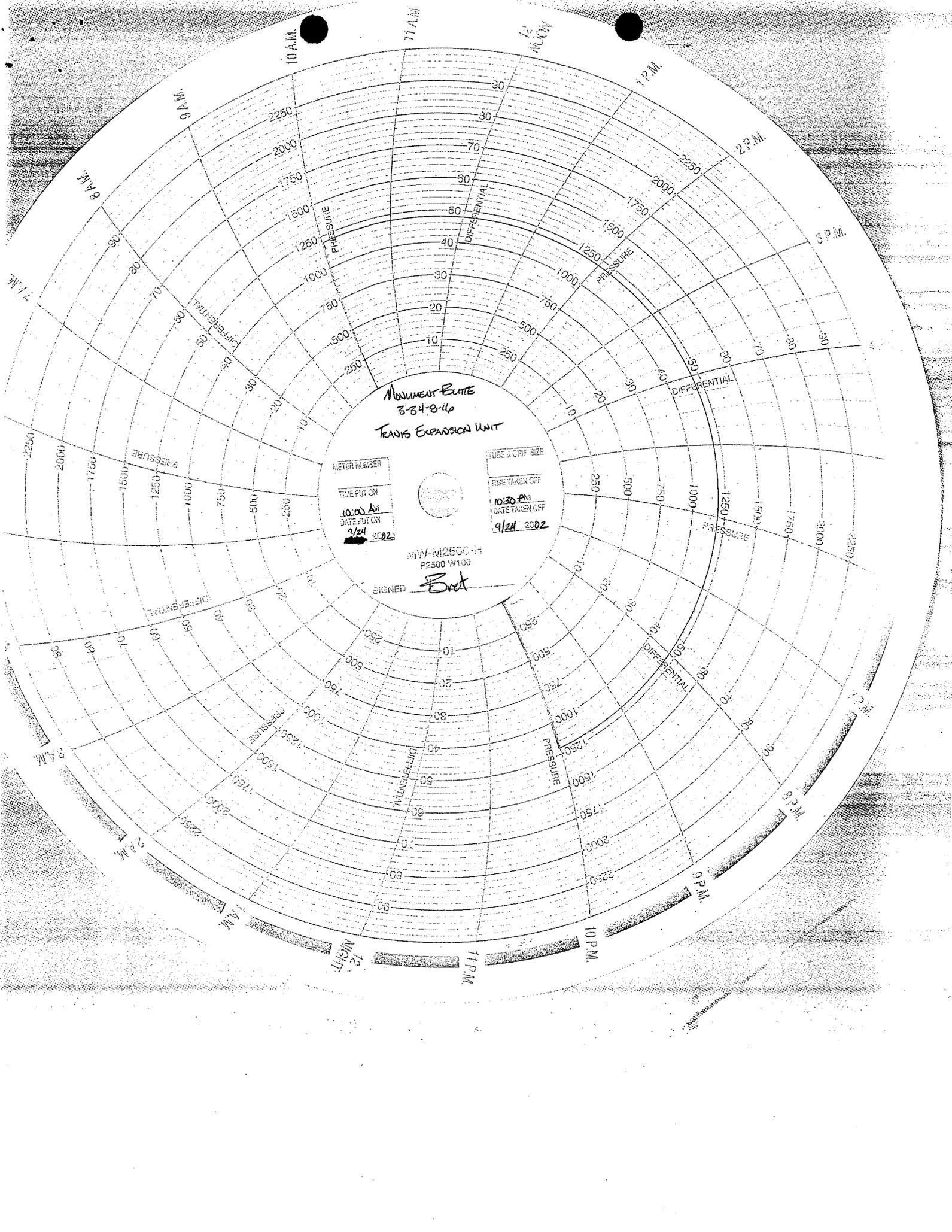
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1200</u>	psig
5	<u>1200</u>	psig
10	<u>1200</u>	psig
15	<u>1200</u>	psig
20	<u>1200</u>	psig
25	<u>1200</u>	psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1850 psig

Result: Pass Fail

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

Signature of Person Conducting Test: Bob Henrie



MONUMENT BLDG  
3-34-8-116  
TRAVIS EXPANSION UNIT

METER NUMBER  
TIME PUT ON  
10:00 AM  
DATE PUT ON  
9/24 2002

TUBE & CRF SIZE  
TIME TAKEN OFF  
10:30 PM  
DATE TAKEN OFF  
9/24 2002

WIN-M2500-11  
P2500 W100

SIGNED *Emt*



# 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**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

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

**9/1/2004**

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

**CA No.**

**Unit:**

**TRAVIS**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON BUTTE FED 13-27	27	080S	160E	4301331611	10628	Federal	WI	A
MONUMENT BUTTE FED 15-27-8-16	27	080S	160E	4301331786	10628	Federal	OW	DRL
MONUMENT BUTTE FED 16-27	27	080S	160E	4301331899	10628	Federal	OW	P
FEDERAL 15-28	28	080S	160E	4301330779	10628	Federal	WI	A
FEDERAL 14-28	28	080S	160E	4301330792	10628	Federal	OW	S
WEST MONUMENT 10-28	28	080S	160E	4301330856	10628	Federal	OW	S
FEDERAL 14A-28	28	080S	160E	4301331372	10628	Federal	WI	A
TRAVIS FEDERAL 16-28	28	080S	160E	4301331590	10628	Federal	OW	P
TRAVIS FED 9-28	28	080S	160E	4301331941	10628	Federal	WI	A
TRAVIS 11-28-8-16	28	080S	160E	4301332333		Federal	OW	LA K
TRAVIS 12-28-8-16	28	080S	160E	4301332334		Federal	OW	LA K
TRAVIS 13-28-8-16	28	080S	160E	4301332335		Federal	OW	LA K
FEDERAL 3-33	33	080S	160E	4301330693	10628	Federal	WI	A
FEDERAL 6-33	33	080S	160E	4301330747	10628	Federal	OW	P
FEDERAL 2-33	33	080S	160E	4301330749	10628	Federal	OW	P
TRAVIS FED 5-33	33	080S	160E	4301331435	10628	Federal	WI	A
TRAVIS FEDERAL 8-33	33	080S	160E	4301331503	10628	Federal	OW	P
TRAVIS FED 1-33	33	080S	160E	4301331603	10628	Federal	WI	A
MON FED 5-34	34	080S	160E	4301331499	10628	Federal	WI	A
MONUMENT BUTTE FED 6-34	34	080S	160E	4301331504	10628	Federal	OW	P
MON BUTTE FED 3-34	34	080S	160E	4301331518	10628	Federal	WI	A
MONUMENT BUTTE FED 4-34 (I)	34	080S	160E	4301331669	10628	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If **NO**, the operator was contacted on:

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

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

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

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

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

**DATA ENTRY:**

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

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

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

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

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

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

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

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

**INJECTION WELL - PRESSURE TEST**

Well Name: <u>MBF 3-34-8-16</u>	API Number: <u>43-013-31518</u>
Qtr/Qtr: <u>NE/NW</u> Section: <u>34</u>	Township: <u>8S</u> Range: <u>16E</u>
Company Name: <u>NEWFIELD PRODUCER Co</u>	
Lease: State: _____ Fee: _____	Federal: <u>46284F</u> Indian: _____
Inspector: <u>Dennis Inger</u>	Date: <u>8/31/07</u>

Initial Conditions:

Tubing - Rate: 31 BPD Pressure: 1950 psi

Casing/Tubing Annulus - Pressure: 1200 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1200</u>	<u>1950</u>
5	<u>1200</u>	<u>1950</u>
10	<u>1200</u>	<u>1950</u>
15	<u>1200</u>	<u>1950</u>
20	<u>1200</u>	<u>1950</u>
25	<u>1195</u>	<u>1950</u>
30	<u>1190</u>	<u>1950</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 1950 psi

Casing/Tubing Annulus Pressure: 1190 psi

COMMENTS: Possible chart problem Syner test  
Tested @ 9:00 AM

[Signature]  
Operator Representative

RECEIVED

SEP 13 2007

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-62848
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: TRAVIS UNIT
8. WELL NAME and NUMBER: MON BUTTE FED 3-34
9. API NUMBER: 4301331518
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: 660 FNL 1980 FWL COUNTY: DUCHESNE  
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENW, 34, 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"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>08/31/2007</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 checked="" type="checkbox"/> OTHER - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
On 8/30/07 Dennis Ingram with the State of Utah (DOG M) was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 8/31/07. On 8/31/07 the csg was pressured up to 1200 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1950 psig during the test. There was not a State representative available to witness the test.  
API # 43-013-31518

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

Date: 10-01-07  
By: [Signature]

10-5-07  
RM

NAME (PLEASE PRINT) Callie Ross TITLE Production Clerk  
SIGNATURE Callie Ross DATE 09/20/2007

(This space for State use only)

**RECEIVED**  
**SEP 26 2007**  
**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 8/31/07 Time 9:30  am  pm

Test Conducted by: Gordon Warrick

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

Well: <u>Monument Butte Federal 3-34-8-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NE/NW Sec 34, T8S, R16E</u> <u>Duchesne County, UTAH</u>	API No: <u>43-013-31518</u>

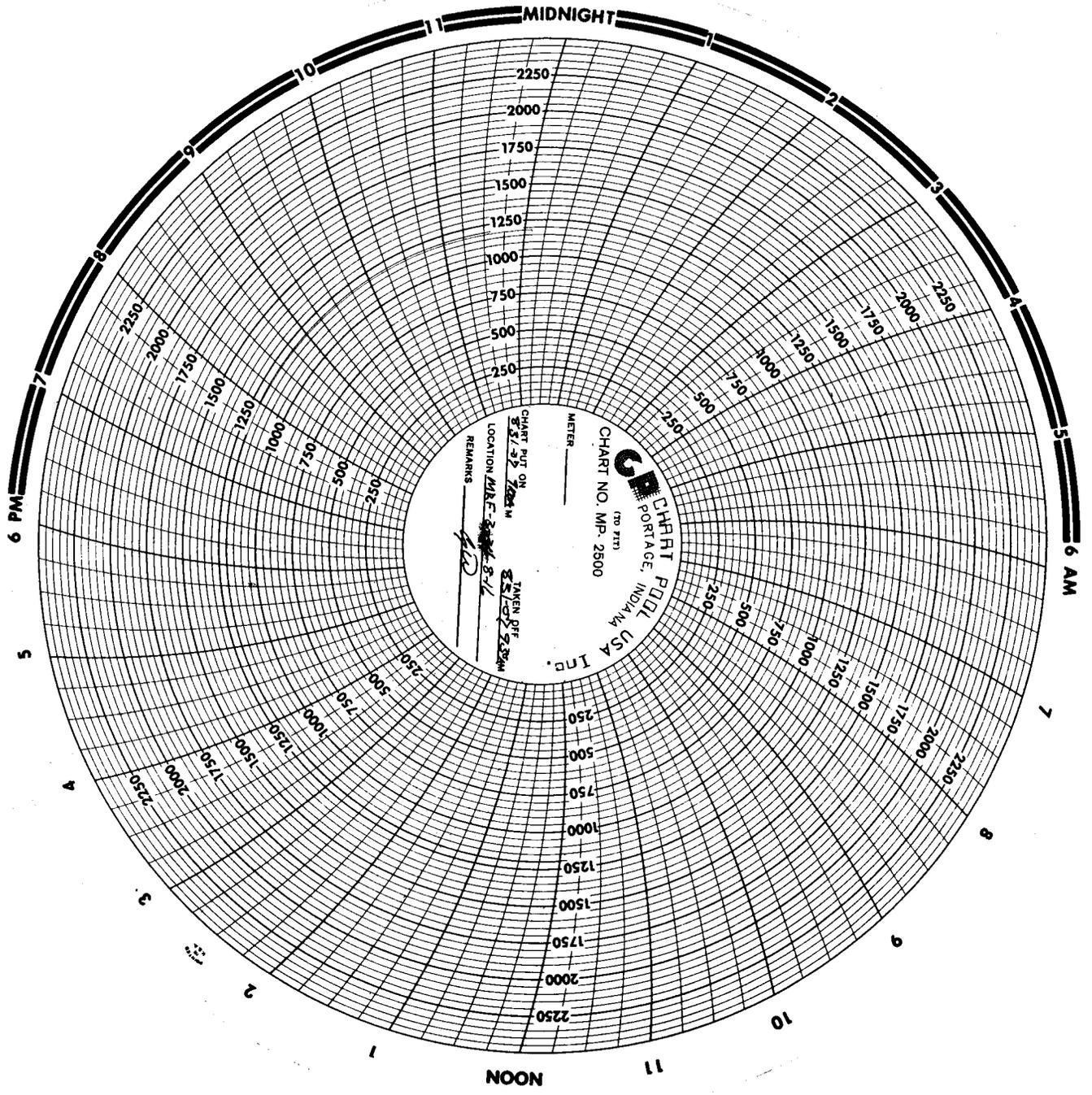
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1200</u>	psig
5	<u>1200</u>	psig
10	<u>1200</u>	psig
15	<u>1200</u>	psig
20	<u>1200</u>	psig
25	<del>1200</del> <u>1195</u>	psig
30 min	<u>1190</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1950 psig

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

Signature of Witness: Dennis Ingram

Signature of Person Conducting Test: Gordon Warrick



**CHART PPOOL USA INC.**  
PORTAGE, INDIANA  
(70 FT)

CHART NO. MP-2500

METER \_\_\_\_\_

CHART PUT ON \_\_\_\_\_

LOCATION MAE-3-3-1

REMARKS \_\_\_\_\_

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

DATE \_\_\_\_\_

BY \_\_\_\_\_

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9  5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-62848
<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.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: MON BUTTE FED 3-34
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013315180000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 34 Township: 08.0S Range: 16.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE  COUNTY: DUCHESNE  STATE: UTAH

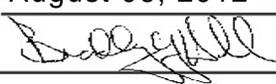
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/25/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

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

On 7/16/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 07/25/2012 the casing was pressured up to 1380 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1865 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: August 06, 2012  
By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/31/2012	

# 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 7/25/12 Time 9:35 am pm  
Test Conducted by: Troy Lazenby  
Others Present: \_\_\_\_\_

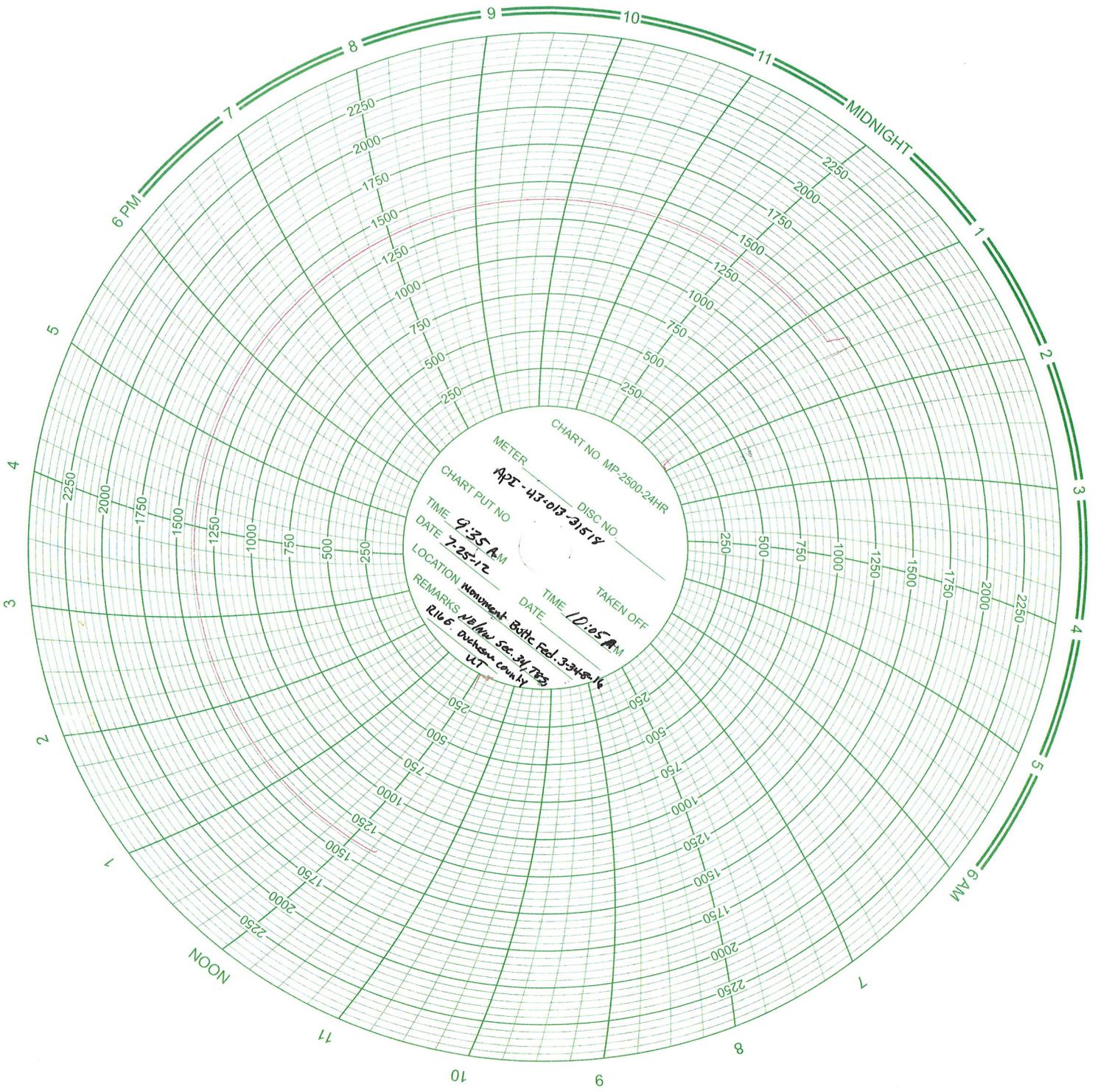
Well: <u>M&amp;IF 3-34-8-16</u>	Field: <u>monument Butte</u>
Well Location: <u>monument Butte</u> <u>NE/NW Sec 34, T8S, R16E</u> <u>Duchesne County, UT</u>	API No: <u>43-013-31518</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1380</u>	psig
5	<u>1380</u>	psig
10	<u>1380</u>	psig
15	<u>1380</u>	psig
20	<u>1380</u>	psig
25	<u>1380</u>	psig
30 min	<u>1380</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1865 psig

Result: Pass Fail

Signature of Witness: Chris Jensen DOGM  
Signature of Person Conducting Test: Troy Lazenby



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-62848
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: MON BUTTE FED 3-34
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FNL 1980 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 34 Township: 08.0S Range: 16.0E Meridian: S	9. API NUMBER: 43013315180000
PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/16/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input checked="" type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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 10/16/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/16/2012 the csg was pressured up to 1555 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 600 psig during the test. There was not a State representative available to witness the test.

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

Date: October 29, 2012

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/23/2012	

# Mechanical Integrity Test Casing or Annulus Pressure Test

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

Witness: \_\_\_\_\_ Date 10/16/12 Time 10:00 am pm  
Test Conducted by: Troy Lazenby  
Others Present: \_\_\_\_\_

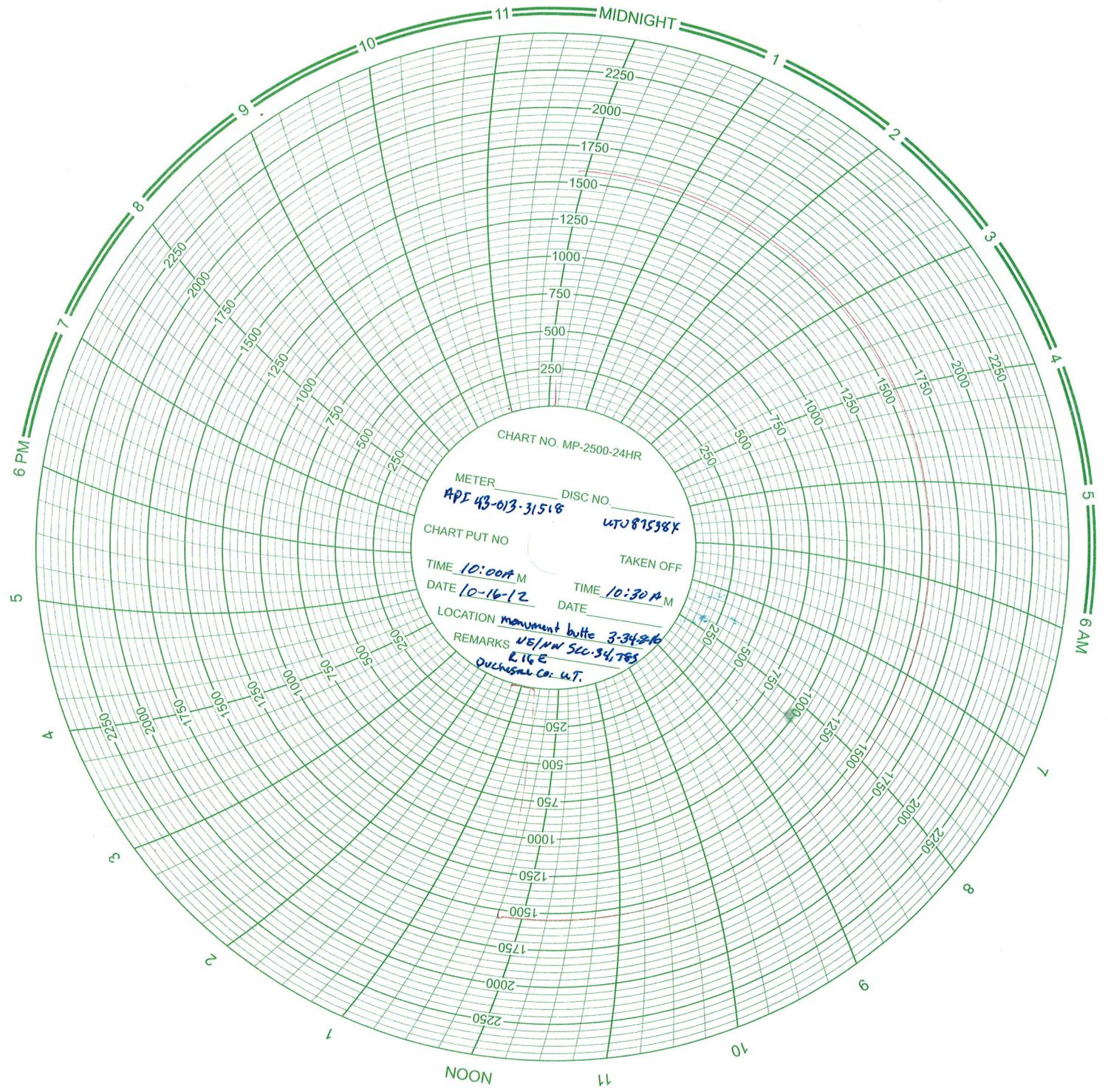
Well: Monument Butte Federal 3-34-8-16 Field: Monument Butte  
Well Location: NE/NN Sec. 34, T8S, R16E API No: 43-013-31518  
Duchesne County UT UTV 87538X

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1555</u>	psig
5	<u>1555</u>	psig
10	<u>1555</u>	psig
15	<u>1555</u>	psig
20	<u>1555</u>	psig
25	<u>1555</u>	psig
30 min	<u>1555</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 600 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_  
Signature of Person Conducting Test: Troy Lazenby



## Daily Activity Report

Format For Sundry

**MON BT NE 3-34-8-16**

**8/1/2012 To 12/30/2012**

**10/11/2012 Day: 1**

**Tubing Leak**

NC #3 on 10/11/2012 - Move rig to location. - 1:00PM- Move rig. RU rig. Maintance on rig. Wellhead was tag out. SDFD . - 1:00PM- Move rig. RU rig. Maintance on rig. Wellhead was tag out. SDFD .

**Daily Cost:** \$0

**Cumulative Cost:** \$3,105

---

**10/13/2012 Day: 2**

**Tubing Leak**

NC #3 on 10/13/2012 - Bleed off well, ND wellhead, NU BOPs. - Bleed off well. ND wellhead. NU BOPs. RD rig floor. Unset pkr. TOH w/ 18-jts 2 7/8 tbg. Drop STD valve. Pump 15 bbls water to push STD valve to SN. PU & RIH w/ sandline. Push STD valve to SN. POOH w/ sandline. Pressure test tbg to 3000 psi. Held for 30 min. Good test. TOH w/ 140-jts 2 7/8 tbg, SN, 1-jt 2 7/8 tbg & pkr. TIH w/ guide clr, X/N, 2 3/8 tbg sub, x/o, pkr, on/off , sn & 159-jts 2 7/8 tbg. Drop STD valve. Pump 20 bbls water to push STD valve to SN. Pressure test tbg to 3000 psi. Pressure dropped to 0 psi. SDFD. - Bleed off well. ND wellhead. NU BOPs. RD rig floor. Unset pkr. TOH w/ 18-jts 2 7/8 tbg. Drop STD valve. Pump 15 bbls water to push STD valve to SN. PU & RIH w/ sandline. Push STD valve to SN. POOH w/ sandline. Pressure test tbg to 3000 psi. Held for 30 min. Good test. TOH w/ 140-jts 2 7/8 tbg, SN, 1-jt 2 7/8 tbg & pkr. TIH w/ guide clr, X/N, 2 3/8 tbg sub, x/o, pkr, on/off , sn & 159-jts 2 7/8 tbg. Drop STD valve. Pump 20 bbls water to push STD valve to SN. Pressure test tbg to 3000 psi. Pressure dropped to 0 psi. SDFD.

**Daily Cost:** \$0

**Cumulative Cost:** \$17,567

---

**10/15/2012 Day: 3**

**Tubing Leak**

NC #3 on 10/15/2012 - TOH w/ tbg, PU new tbg, LD bad tbg. - Bleed off well. TOH w/ 18- jts 2 7/8 tbg. Found hole in jt # 9. PU 10- jts 2 7/8 tbg off trailer. TIH w/ 18- jts 2 7/8 tbg. LD 10- jts 2 7/8 tbg on trailer. Fill tbg w/ 5 bbls water & pressure test tbg to 3000 psi. Pressure dropped 10 psi in 30 min. Watch for 1 hour. Pressure held @2990 psi. Good test. RD rig floor. ND BOPs. NU wellhead. Pump 70 bbls fresh water & pkr fluid down csg. Set pkr w/ 15000 tension. Fill csg w/ 1 bbl fresh water & pressure test csg to 1600 psi. Pressure dropped 100 psi in 1 hour. Let pressure settle over night. SDFD. - Bleed off well. TOH w/ 18- jts 2 7/8 tbg. Found hole in jt # 9. PU 10- jts 2 7/8 tbg off trailer. TIH w/ 18- jts 2 7/8 tbg. LD 10- jts 2 7/8 tbg on trailer. Fill tbg w/ 5 bbls water & pressure test tbg to 3000 psi. Pressure dropped 10 psi in 30 min. Watch for 1 hour. Pressure held @2990 psi. Good test. RD rig floor. ND BOPs. NU wellhead. Pump 70 bbls fresh water & pkr fluid down csg. Set pkr w/ 15000 tension. Fill csg w/ 1 bbl fresh water & pressure test csg to 1600 psi. Pressure dropped 100 psi in 1 hour. Let pressure settle over night. SDFD.

**Daily Cost:** \$0

**Cumulative Cost:** \$25,119

---

**10/16/2012 Day: 4**

**Tubing Leak**

NC #3 on 10/16/2012 - Psr Tst Csg, Good Tst, Well Ready For MIT - 5:30AM-6:00 AM C/Tvl,

6:00AM Csg Psr @ 800psi, R/U Hot Oiler & Bmp Psr up To 1550psi, Psr up To 1750psi In One Hour, Good Tst, R/D Hot Oiler, R/D All Eqp, Replace Well Head Valve On Top Of Well Head Flange(Old One Leaking), R/D & M/O NC#3 @10:00AM, Well Ready For MIT, Final Report. - 5:30AM-6:00 AM C/Tvl, 6:00AM Csg Psr @ 800psi, R/U Hot Oiler & Bmp Psr up To 1550psi, Psr up To 1750psi In One Hour, Good Tst, R/D Hot Oiler, R/D All Eqp, Replace Well Head Valve On Top Of Well Head Flange(Old One Leaking), R/D & M/O NC#3 @10:00AM, Well Ready For MIT, Final Report. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$28,304

---

**10/18/2012 Day: 5**

**Tubing Leak**

Rigless on 10/18/2012 - Conduct MIT - On 10/16/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/16/2012 the csg was pressured up to 1555 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 600 psig during the test. There was not a State representative available to witness the test. - On 10/16/2012 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 10/16/2012 the csg was pressured up to 1555 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 600 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$29,204

---

**Pertinent Files: [Go to File List](#)**

Spud Date: 10/10/95  
 Put on Production: 12/18/1995  
 Put on Injection: 10/7/97  
 GL: 5603' KB: 5617'

# Monument Butte Fed. 3-34-8-16

Initial Production: 73 BOPD,  
 155 MCFD, 23 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 313' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 260 sxs Premium cement.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 17#  
 DEPTH LANDED: 6244' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 255 sxs Hyfill & 370 sxs Thixotropic.  
 CEMENT TOP AT: ? per CBL

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 159 jts (4921.4')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4935.4' KB  
 ON/OFF TOOL AT: 4936.5'  
 ARROW #1 PACKER CE AT: 4941.77'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4945.1'  
 TBG PUP 2-3/8 J-55 AT: 4945.7'  
 X/N NIPPLE AT: 4949.7'  
 TOTAL STRING LENGTH: EOT @ 4951'

**FRAC JOB**

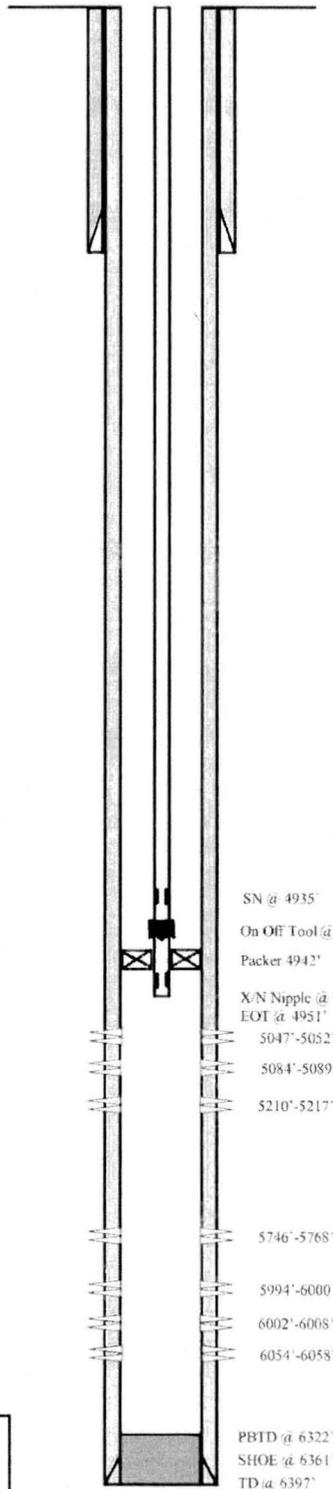
12/07/95 5944'-6058' **Frac CP sand as follows:**  
 Totals 111,300# 20/40 sd., 775 bbls Boragel,  
 ISIP 2,017, after 5 min 1,935.

12/08/95 5746'-5768' **Frac LODC sand as follows:**  
 Totals 79,100# 20/40 sd., 592 bbls Boragel  
 Avg TP 2,200 @ 31 BPM ISIP 2,489, after 5  
 min 2,340

12/10/95 5210'-5217' **Frac C sands as follows:**  
 Totals 47,600# 20/40 sd., 424 bbls Boragel  
 Avg TP 1,950 @ 20 BPM ISIP 2,484, after 5  
 min 2,441.

12/14/95 5047'-5089' **Frac D sands as follows:**  
 Totals 64,700# 20/40 sd., 551 bbls Boragel  
 Avg TP 2,220 @ 31 BPM ISIP 2,615, after 5  
 min 2,747.

10/02/97 Convert to injector.  
 8/31/07 **5 Year MIT** completed and submitted.  
 10/16/12 **Workover MIT Finalized - Tubing Leak** -  
 tbg detail updated



**PERFORATION RECORD**

Date	Depth Range	ISIP	Holes
12/06/95	6054'-6058'	4 JSPF	16 holes
12/06/95	6002'-6008'	4 JSPF	24 holes
12/06/95	5994'-6000'	4 JSPF	24 holes
12/08/95	5746'-5768'	4 JSPF	88 holes
12/10/95	5210'-5217'	4 JSPF	28 holes
12/13/95	5084'-5089'	4 JSPF	20 holes
12/13/95	5047'-5052'	4 JSPF	20 holes

**NEWFIELD**

**Monument Butte Federal 3-34-8-16**  
 1980 FWL & 660 FNL  
 SWNW Section 34-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31518; Lease #U-62848