



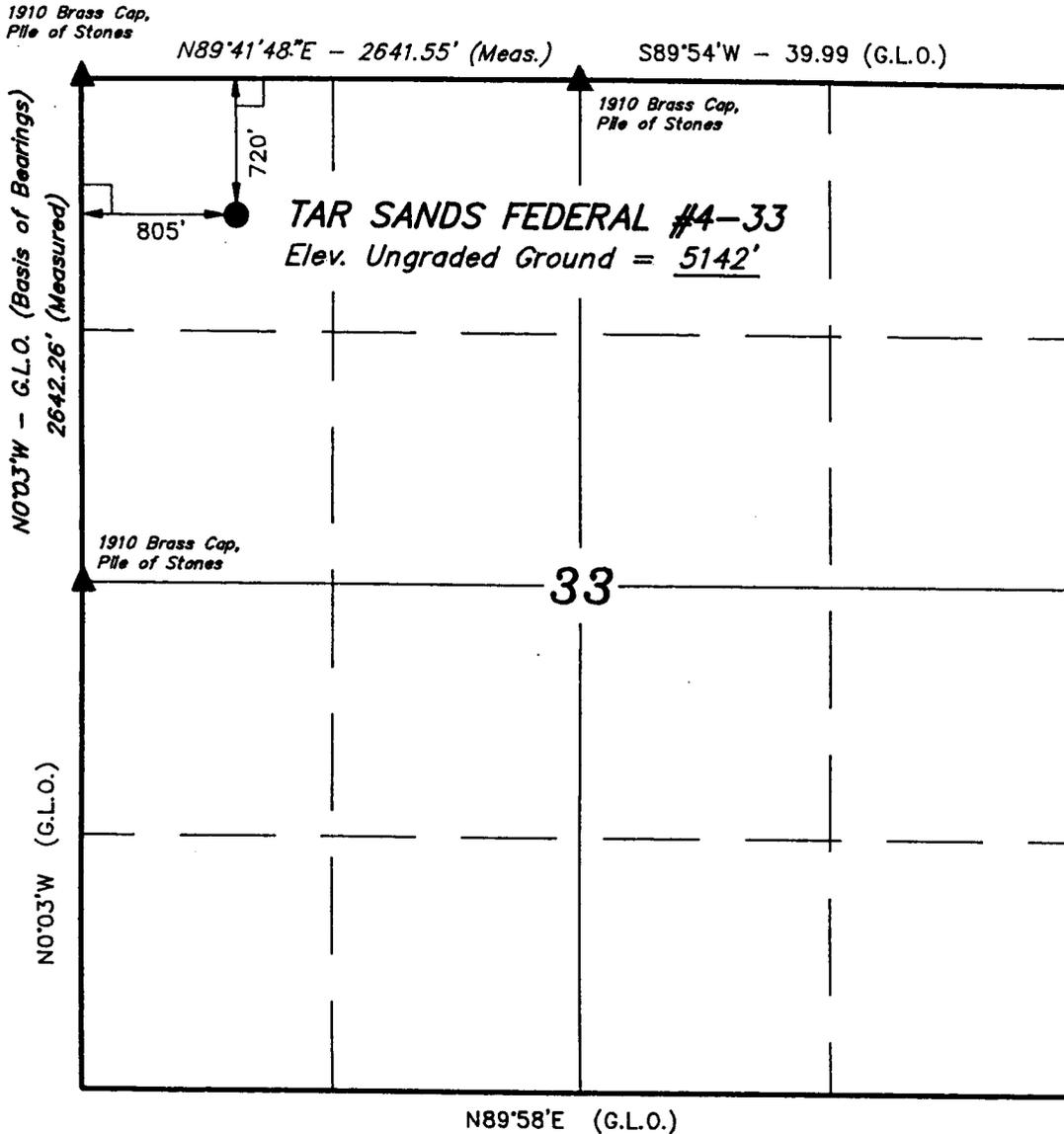
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

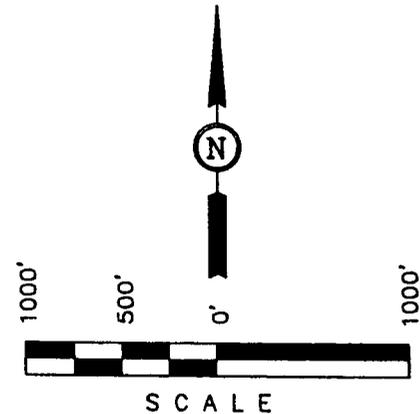
Well location, TAR SANDS FEDERAL #4-33, located as shown in the NW 1/4 NW 1/4 of Section 33, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 33, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5173 FEET.



N0°02'W (G.L.O.)



CERTIFICATE

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

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

LEGEND:

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

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 2-12-96	DATE DRAWN: 2-14-96
PARTY B.B. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE INLAND PRODUCTION CO.	

**INLAND PRODUCTION COMPANY  
TAR SANDS FEDERAL #4-33  
NW/NW SECTION 33, T8S, R17E  
DUCHESNE COUNTY, UTAH**

**TEN POINT WELL PROGRAM**

**1. GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

Uinta	0' - 3050'
Green River	3050'
Wasatch	6600'

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

Green River Formation 3050' - 6600' - & Oil

**4. PROPOSED CASING PROGRAM**

8 5/8", J-55, 24# w/ ST&C collars; set at 300' KB (New)

5 1/2" J-55, 15.5# w/ LT&C collars/ set at TD (New)

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

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

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

(See Exhibit F)

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

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

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

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

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

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

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

The anticipated maximum bottom hole pressure is 2500 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 in August of 1996, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY  
TAR SANDS FEDERAL #4-33  
NW/NW SECTION 33, T8S, R17E  
DUCHESNE COUNTY, UTAH**

**THIRTEEN POINT WELL PROGRAM**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site Tar Sands Federal #4-33 located in the NW 1/4 NW 1/4 Section 33, T8S, R17E, S.L.B. 7 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 southeasterly along Utah State Highway 9.7 miles to an existing dirt road to the east; proceed easterly to the Gilsonite State #8-32 and to 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 53 ends, 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 SE1/4 NE 1/4 Section 33, T8S, R17E, S.L.B., and proceeds in a northeasterly direction approximately .7 miles to the proposed location site.

The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road where 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%.

**TAR SANDS FEDERAL #4-33**

There will be no culverts required along this access road. There will be no water turnouts constructed along this road.

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

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

**3. LOCATION OF EXISTING WELLS**

There are five (5) producing, one (1) injection, and one (1) P&A, and one shut In, Inland Production wells, and one (1) unknown P&A well, within a one (1) mile radius of this well. See Exhibit "D".

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

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

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

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

Tank batteries will be built to BLM specifications.

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

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte oilfield. Johnson Water District has given permission to Inland Production Company to use water from our system for the purpose of drilling and completing the Tar Sands Federal #4-33.

Existing water for this well will be trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

**6. SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

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

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit ( 80 X 30 X 6' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the wellbore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

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

A portable toilet will be provided for human waste.

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

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

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

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

No flare pit will be used at this location.

The stockpiled topsoil (first six (6) inches) will be stored on the northeast side, between stakes 1 & 2.

Access to the well pad will be from the east, between stakes 2 & 3.

The northeast corner will be rounded to avoid excess drainage.

**Fencing Requirements**

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

- b) The net wire shall be not more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

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

**10. PLANS FOR RESTORATION OF SURFACE**

a) *Producing Location*

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

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

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

b) *Dry Hole Abandoned Location*

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

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

12. **OTHER ADDITIONAL INFORMATION**

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

The Archaeological Cultural Resource Survey is attached.

*Additional Surface Stipulations*

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

*Hazardous Material Declaration*

Inland Production Company guarantees that during the drilling and completion of the Tar Sands Federal #4-33, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Tar Sands Federal #4-33, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

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

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

13. **LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

**Representative**

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

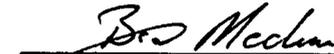
**Certification**

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Tar Sands Federal #4-33 NW/NW Section 33, Township 8S, Range 17E: Lease U-74870, 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.

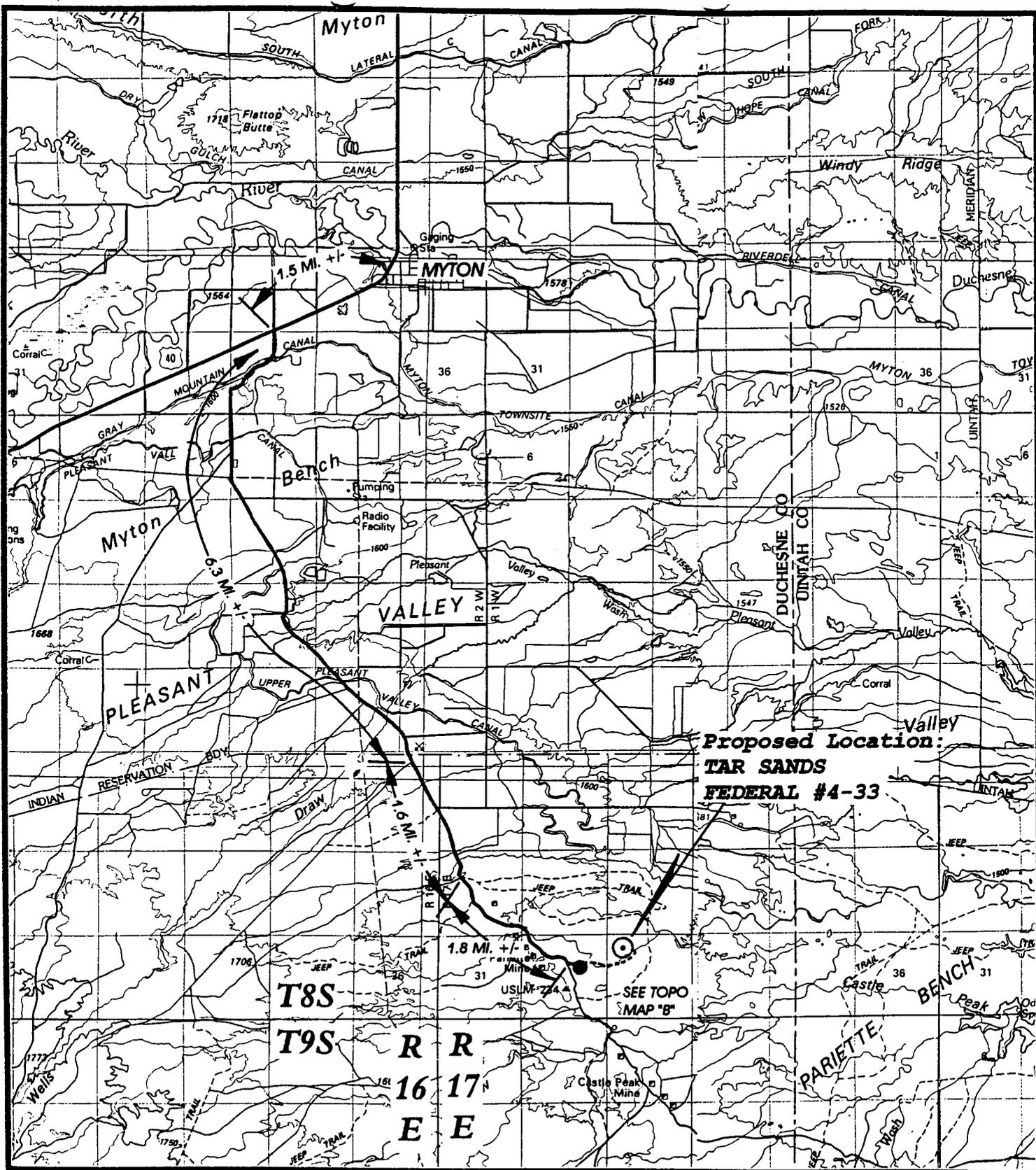
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with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

5-10-96

Date



Brad Mecham  
Operations Manager



**UELS**

**TOPOGRAPHIC  
MAP "A"**

DATE: 2-15-96

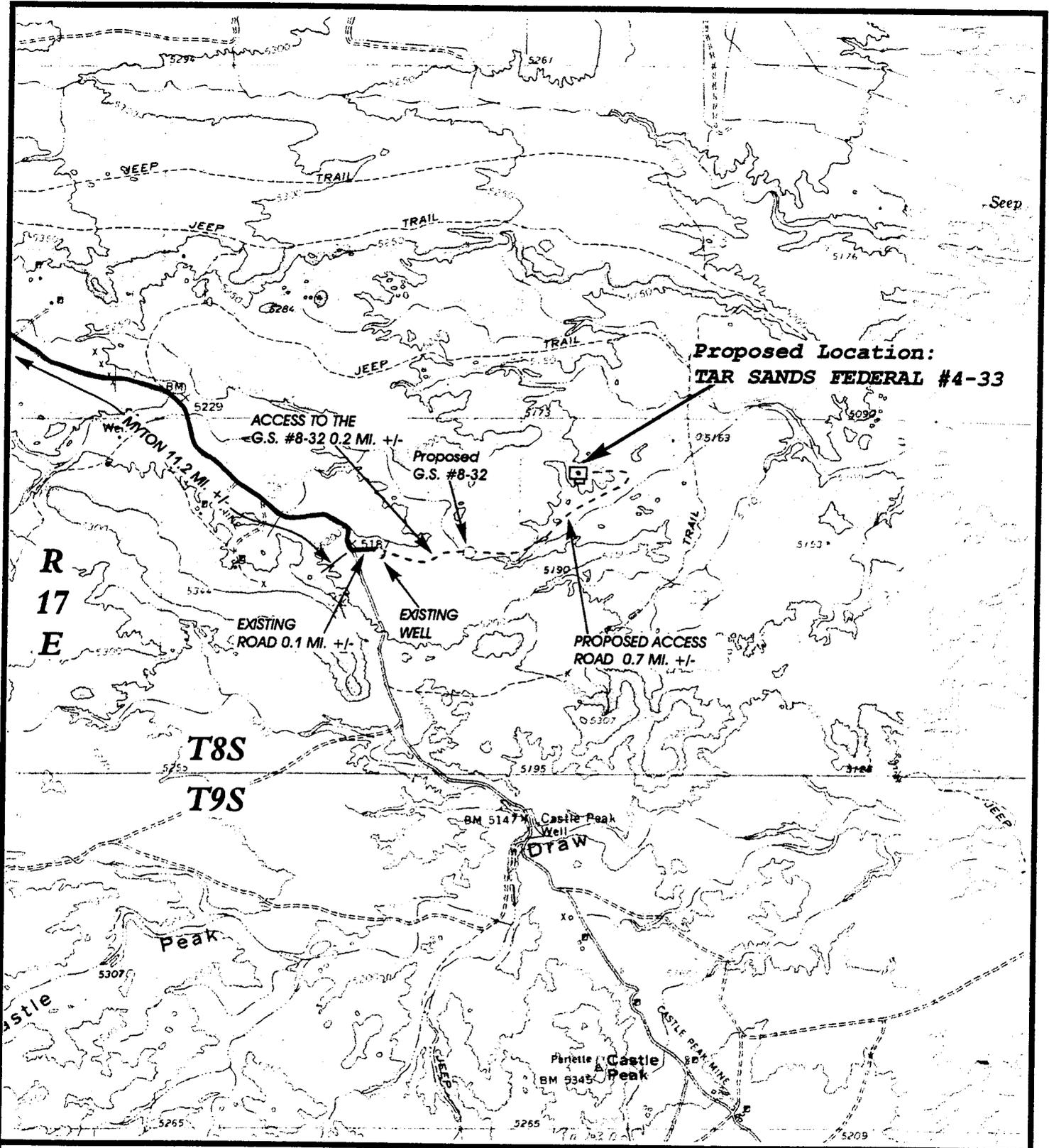
Drawn by: C.B.T.



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

**INLAND PRODUCTION CO.**

**TAR SANDS FEDERAL #4-33  
SECTION 33, T8S, R17E, S.L.B.&M.  
720' FNL 805' FWL**



**TOPOGRAPHIC  
MAP "B"**

DATE: 2-15-96  
Drawn by: C.B.T.

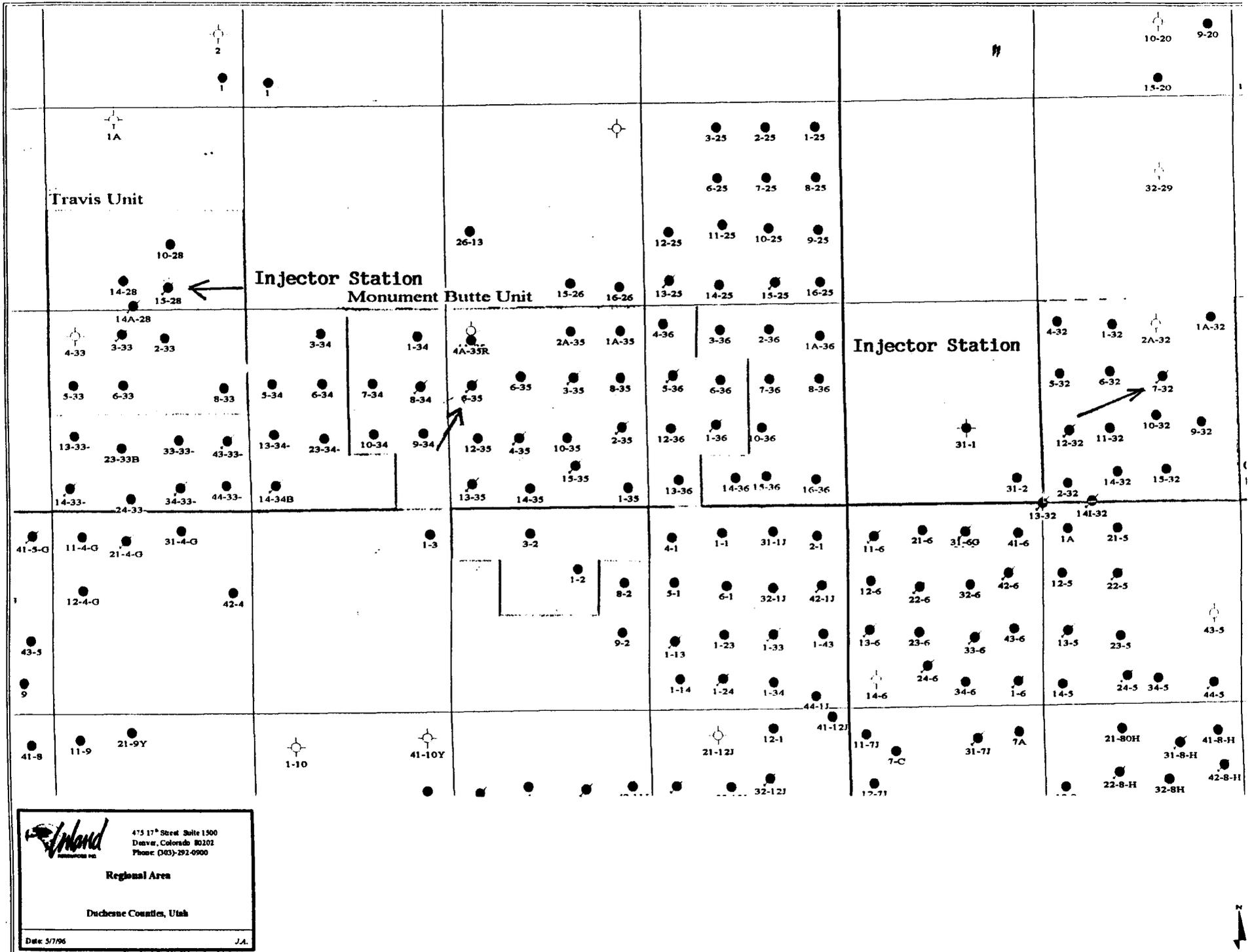
UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 2000'

**INLAND PRODUCTION CO.**  
**TAR SANDS FEDERAL #4-33**  
**SECTION 33, T8S, R17E, S.L.B.&M.**  
**720' FNL 805' FWL**

EXHIBIT "C"



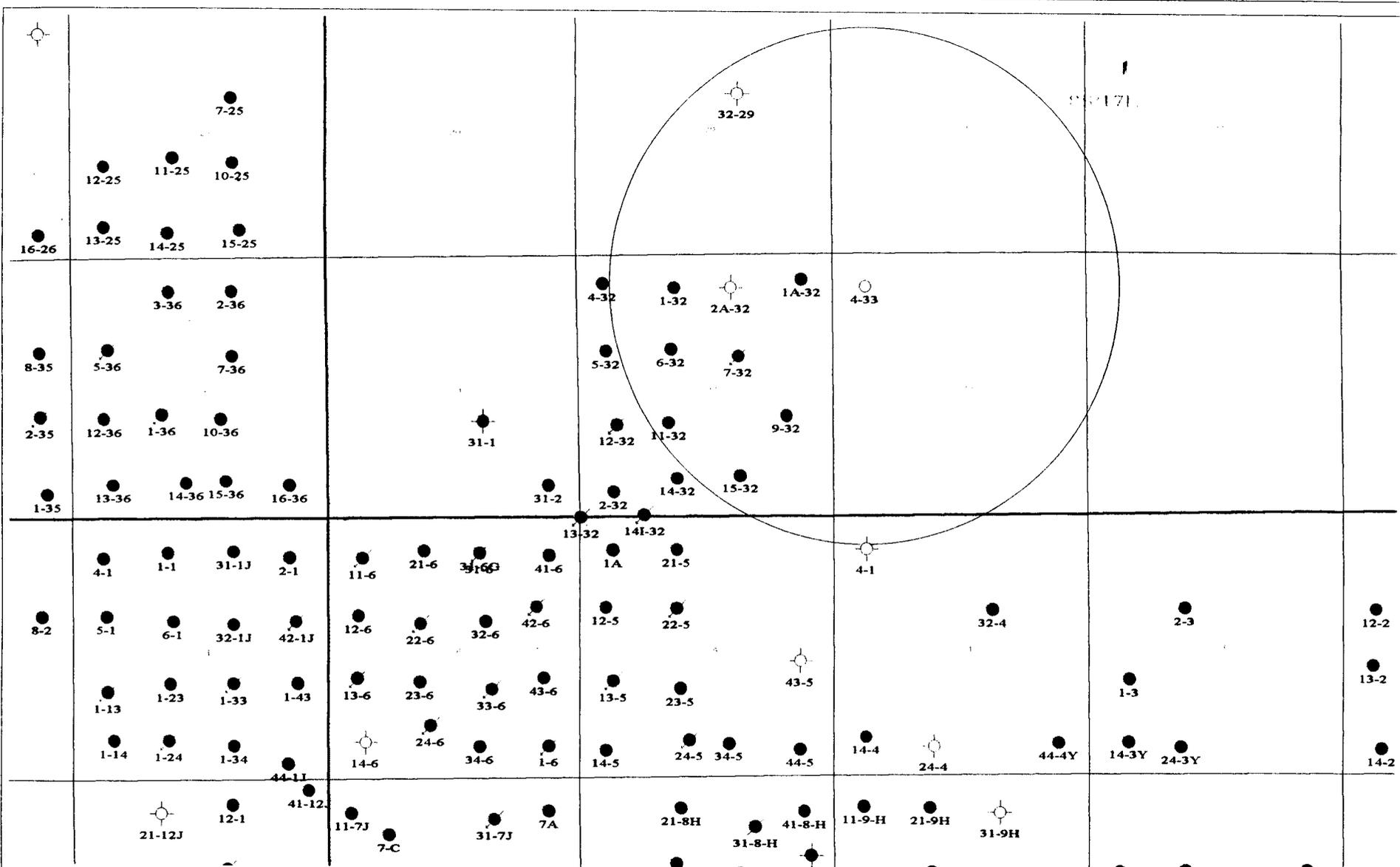
**Inland**  
 475 17<sup>th</sup> Street, Suite 1500  
 Denver, Colorado 80102  
 Phone: (303)-292-0900

**Regional Area**

Duchesne County, Utah

Date: 5/7/96 J.A.






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

**Tar Sands Federal #4-33**  
**One Mile Radius**  
**Duchesne County, Utah**

Date: 2-27-96 J.A.

EXHIBIT "D"



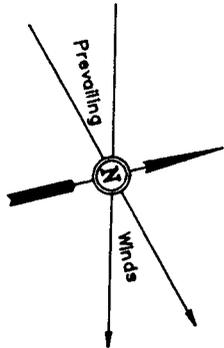
INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

TAR SANDS FEDERAL #4-33  
SECTION 33, T8S, R17E, S.L.B.&M.

720' FNL 805' FWL

*Handwritten signature*



SCALE: 1" = 50'  
DATE: 2-16-96  
Drawn By: C.B.T.

C-1.3'  
El. 39.7'

C-1.2'  
El. 39.6'

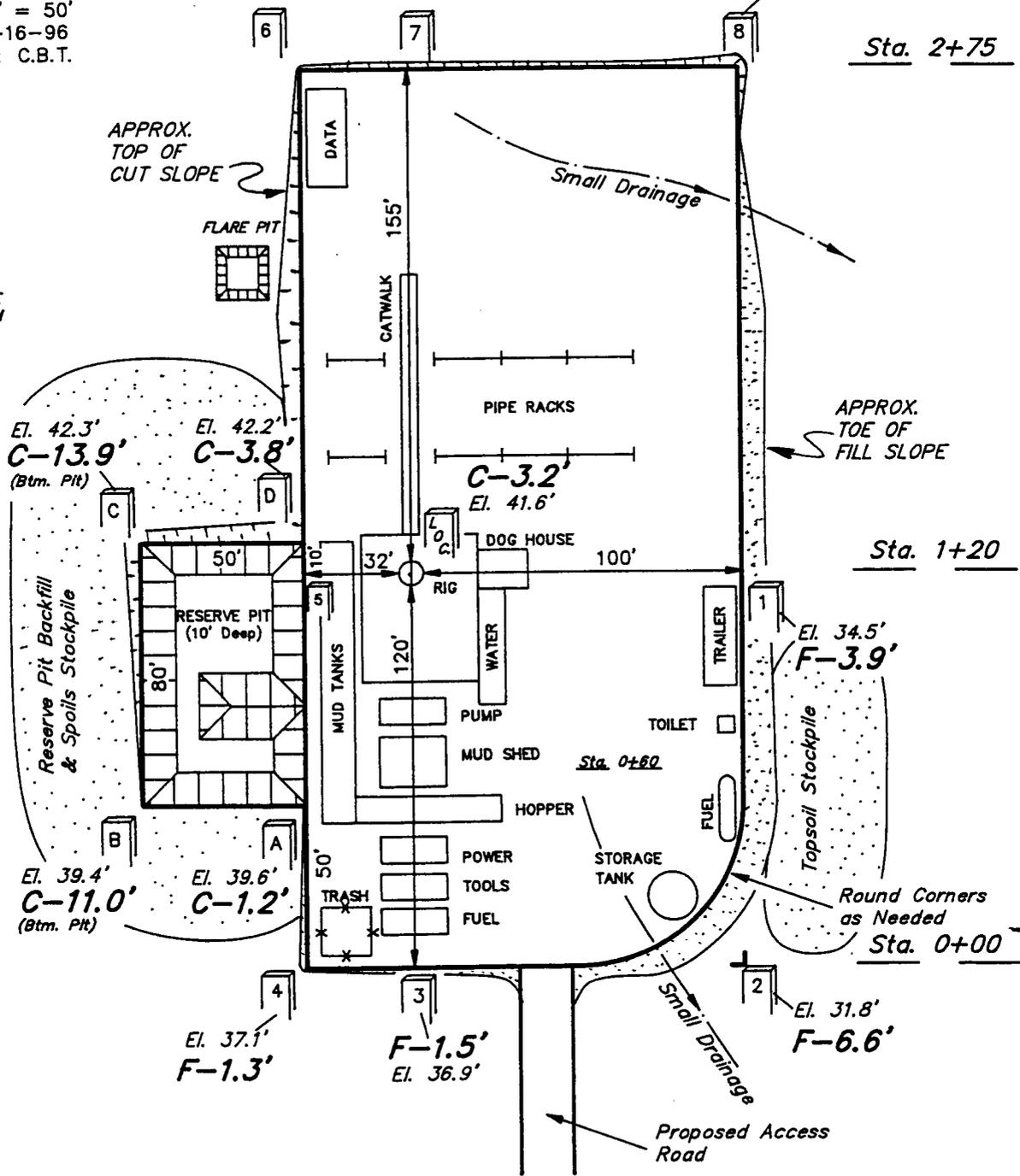
C-2.8'  
El. 41.2'

Sta. 2+75

NOTE:

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

NOTE:  
PIT CAPACITY WITH 2' OF FREEBOARD = 3,090 Bbls.



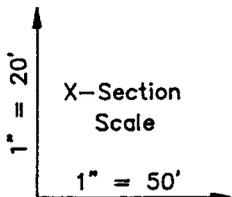
Elev. Ungraded Ground at Location Stake = 5141.6'  
Elev. Graded Ground at Location Stake = 5138.4'

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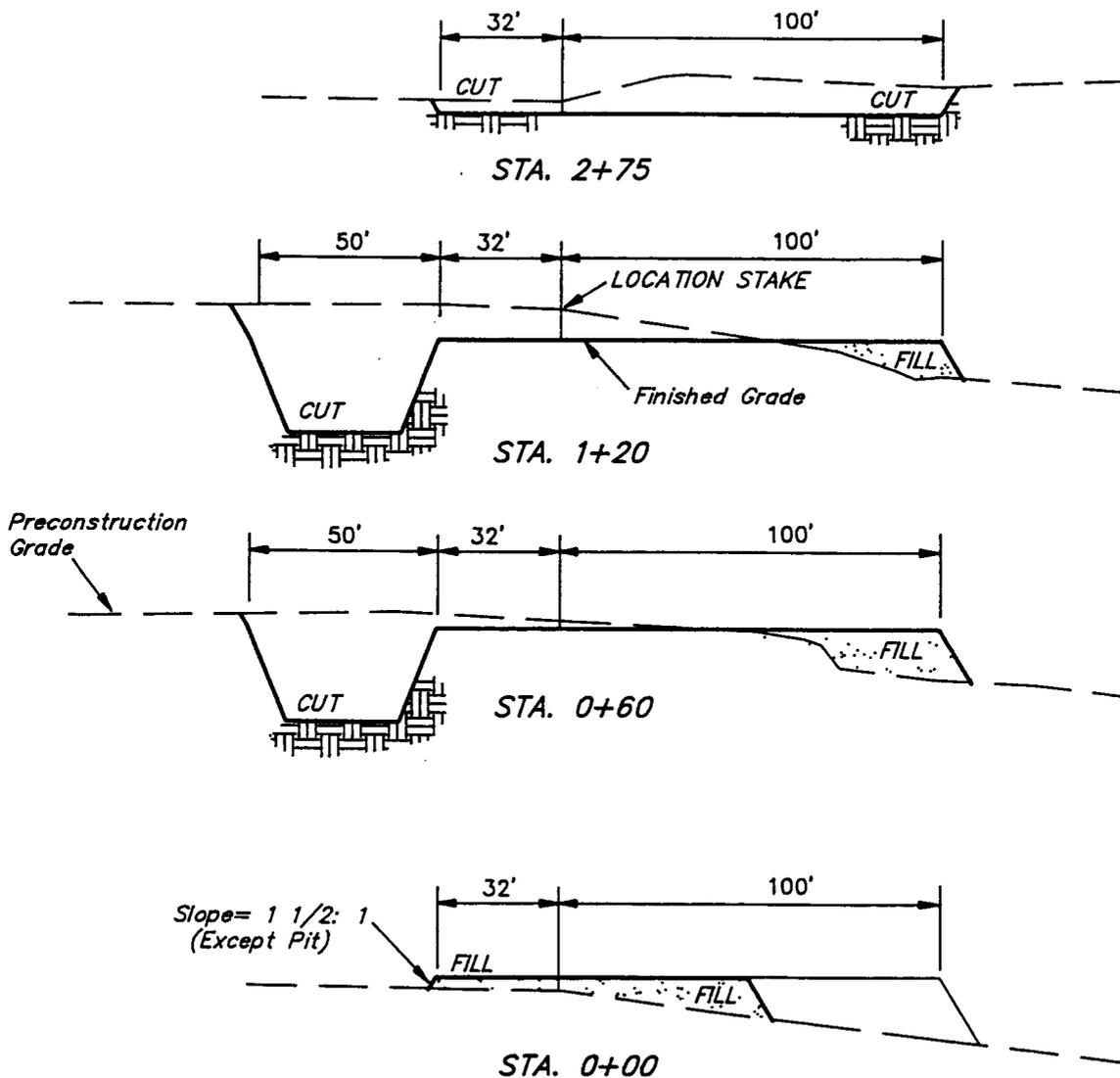
TYPICAL CROSS SECTIONS FOR

TAR SANDS FEDERAL #4-33  
SECTION 33, T8S, R17E, S.L.B.&M.  
720' FNL 805' FWL



DATE: 2-16-96  
Drawn By: C.B.T.

*Roby*



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 750 Cu. Yds.
Remaining Location	= 2,500 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 3,250 CU.YDS.</b>
<b>FILL</b>	<b>= 1,940 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,210 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,210 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 0 Cu. Yds.

RAM TYPE B.O.P.

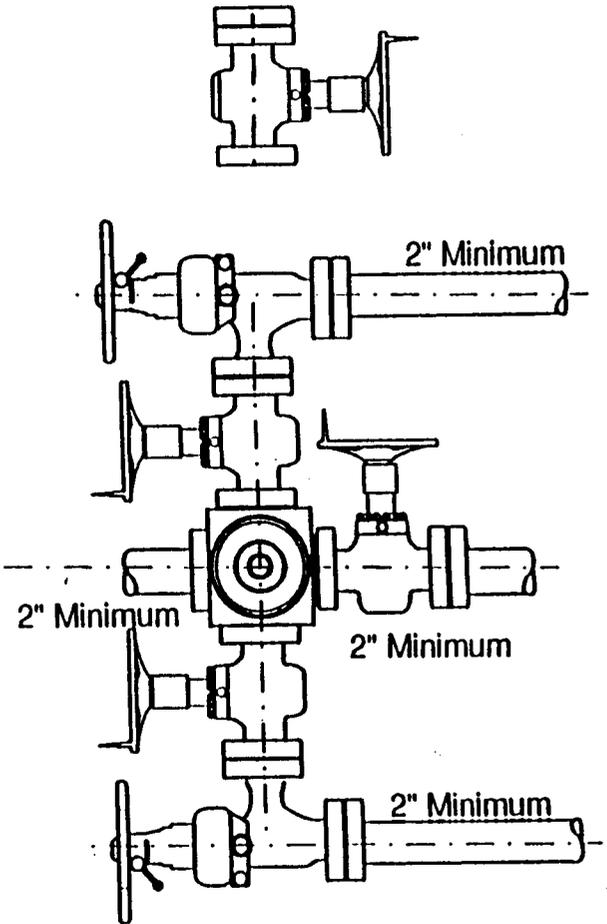
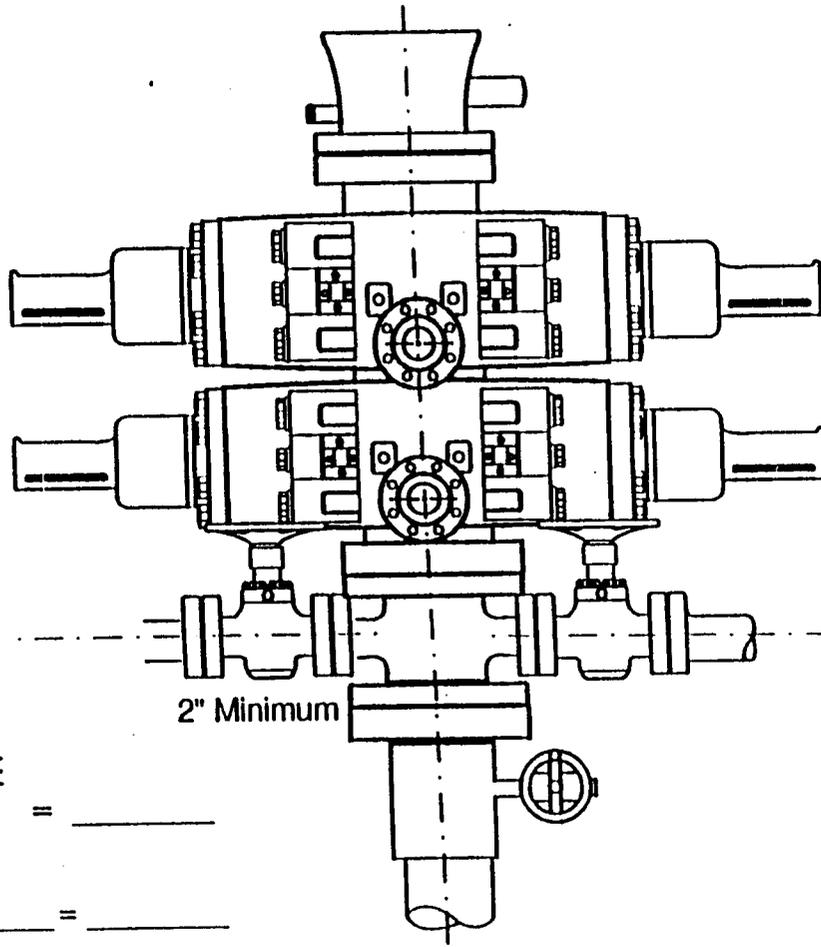
Make:

Size:

Model:

# 2-M SYSTEM

EXHIBIT F



GAL TO CLOSE

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

Ramtype BOP

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

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

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

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

**A CULTURAL RESOURCES SURVEY OF  
TAR SANDS FEDERAL WELLS #4-33, #5-33 AND ACCESS ROADS,  
DUCHESNE COUNTY, UTAH**

by

Heather M. Weymouth  
Senior Archaeologist

Prepared for:

Inland Production 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. 95UT54630

and

Under Authority of Utah State Antiquities Permit No. U-96-SJ-0079b

Archaeological Report No. 848-01

March 18, 1996

## INTRODUCTION

In February 1996, Inland Production Company (Inland) of Roosevelt, Utah requested that Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) conduct a cultural resources inventory of Inland's Tar Sands Federal wells #4-33 (720' FNL 805' FWL) and #5-33 (1835' FNL 738' FWL) located on lands controlled by the State of Utah in Duchesne County, Utah (Figure 1).

The proposed well is located in T. 8S., R. 17E., S. 33 on USGS 7.5' Quadrangle Myton SE, Utah (1964). The project was carried out by Heather M. Weymouth and Lynita S. Langley on February 20, 1996 under authority of Cultural Resources Use Permit No. 95UT54630 and Utah State Antiquities Permit No. U-96-SJ-0079b.

A file search for previously recorded cultural resource sites and paleontological localities located near the current project area was conducted by Heather M. Weymouth and Lynita S. Langley on February 23, 1996 at the BLM, Vernal District Office to determine if any cultural resource projects had been conducted or sites recorded in or near the current project area. An additional file search was conducted by Michael R. Polk at the Division of State History, Utah State Historic Preservation Office, Salt Lake City on February 21, 1996.

More than 20 previous cultural resources projects have been conducted in the area of the current project. Due to the large number of projects conducted in this area, individual project descriptions will not be listed. However, seven cultural resources sites and one paleontological locality are listed as being located near the current project area. Following is a brief description of these sites and localities:

### Cultural Resource Sites

**Site 42Dc349.** This site, located in a small arroyo north of Castle Peak Draw, is a sparse lithic scatter consisting of decortication flakes, biface manufacturing flakes, and one utilized flake. This site was recommended ELIGIBLE to the National Register of Historic Places (NRHP).

**Site 42Dc353.** This site, located in desert pavement surfaces on top of an east-west ridge north of Castle peak Draw, consists of a lithic scatter and temporary campsite. This site was recommended ELIGIBLE to the NRHP.

**Site 42Dc372.** This site, located on a low terrace above an intermittent drainage north of Castle Peak Draw, consists of a sparse lithic scatter. This site was recommended NOT eligible to the NRHP.

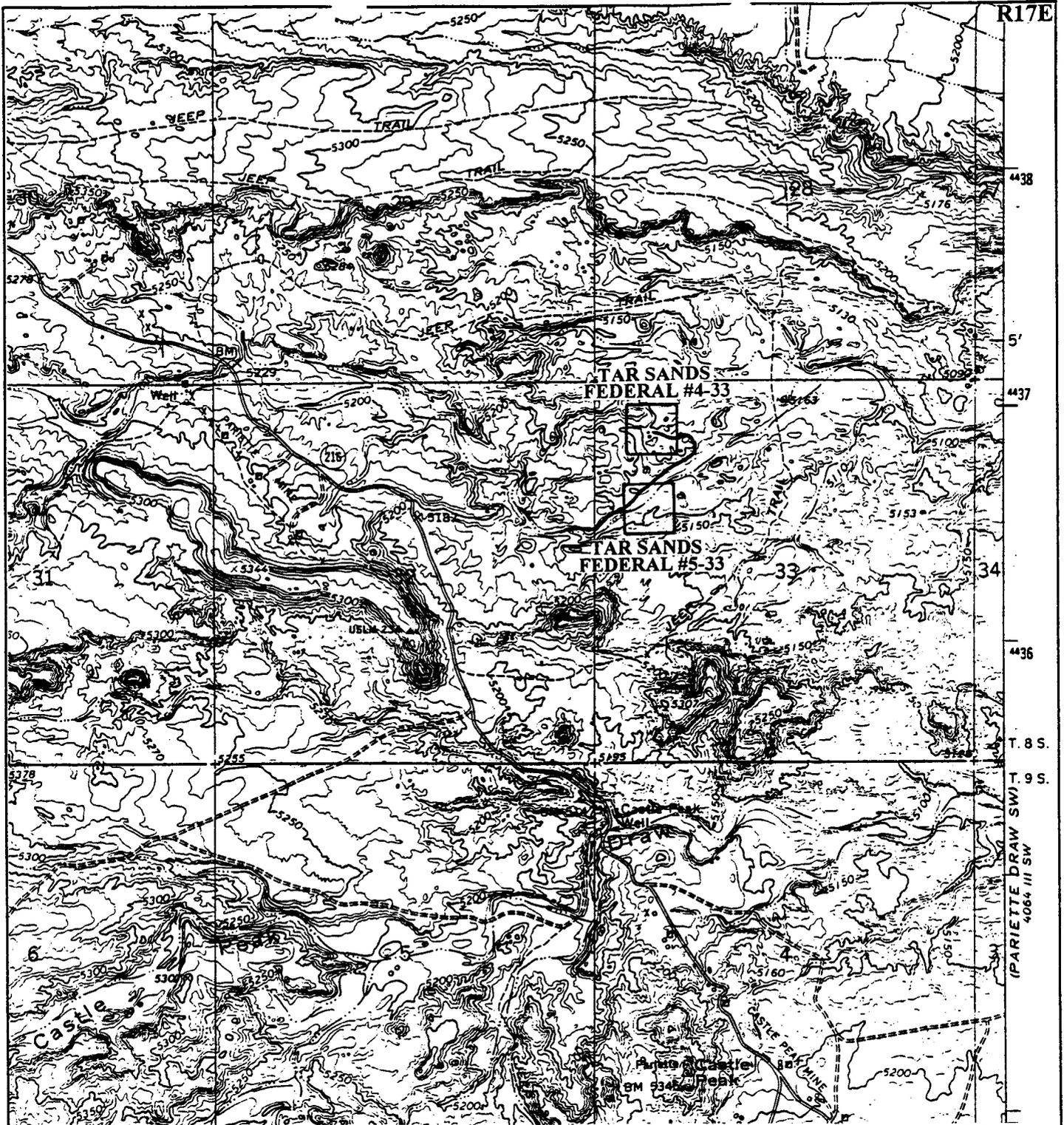


Figure 1. Location of Inland Resources Corporation's Tar Sands Federal Wells #4-33 and #5-33. Taken from USGS 7.5' Quadrangle Myton SE, Utah (1964).

**Site 42Dc404.** This site, located on the north side of a small draw approximately 0.5 miles north of Castle Peak, consists of a historic trash scatter. This site was recommended NOT eligible to the NRHP.

**Site 42Dc545.** This site, located on a sand dune at the junction of a small draw and a main stream channel of Pariette bench, is a lithic scatter consisting of primary and secondary reduction flakes, one biface, one awl, and one edge-modified cobble. This site was recommended ELIGIBLE to the NRHP.

**Site 42Dc935.** This site, located in the bottom of Castle Peak Draw at the base of a sandstone ridge, consists of the remaining portion of the Castle Peak Well. The well consists of a reinforced concrete cap placed over a well shaft dug into the bedrock and sediments of Castle Peak Draw. This site was recommended NOT eligible to the NRHP.

**Site 42Dc936.** This site, located along the base of the east side of Castle Peak, consists of the remaining portion of the historic Castle Peak Gilsonite Mining complex. The mining complex consists of numerous remnant features associated with gilsonite mining at the turn-of-the-century. This site was recommended ELIGIBLE to the NRHP.

### **Paleontological Localities**

**Locality 42Dc0123v.** This locality, which lies in a tributary drainage just north of Castle peak Draw, consists of a sparse scattering of small fossil vertebrate fragments. This site has been evaluated as non-significant.

In addition to these searches, the NRHP was consulted prior to conducting the survey. No NRHP listed or determined eligible sites were found to be in the vicinity of the current project area.

## **ENVIRONMENT**

The project area is located northeast of Castle Peak, approximately ten miles south-southeast of Myton, Utah. The area is characterized by low rolling tablelands dissected by deep drainages, heavily eroded plains and low eroding bedrock outcrops of sandstone. Soils in the area vary from fine light tan to medium brown silty sands to light clay sediments in some of the heavily eroded areas. The surface sediments in this area consist of an interfingering of fluvial deposits and thinly bedded Pleistocene lake bed deposits. Desert pavement surfaces are common. Sediments contain a moderate amount of Pleistocene gravels and many heavily eroded areas and drainage cuts exhibit exposures of fossiliferous Eocene age Uinta Formation. The elevation of the survey area ranges from 5150 to 5180 feet (ft) a.s.l. Vegetation in the area covers

approximately 30 percent of the ground surface and is composed of predominantly shadscale community species. Noted species include four-winged saltbrush, greasewood, shadscale, prickly pear cactus, rabbitbrush, Indian paintbrush, winterfat, Indian ricegrass and a variety of forbs and low grasses. The nearest permanent water source is Pariette Wash located approximately four miles northeast of the project area. Many seasonally flowing drainages and washes are present within the immediate project area. These seasonal water sources were, no doubt, the primary source of water in this area historically. Natural disturbance in the area is primarily in the form of arroyo cutting and sheetwash erosion. Cultural disturbance includes a number of improved and unimproved oil field roads, producing oil wells and oil field pipelines which are located within the boundaries of the current project area.

## METHODOLOGY

The project area consists of two 40,469 m<sup>2</sup> (10 acre) parcels of land 201-by-201 m (660-by-660 ft) centered on the proposed well heads and access roads connecting the well locations to an existing roadway. The well pads were inventoried by Heather M. Weymouth and Lynita S. Langley walking parallel transects spaced no more than 15 m (50 ft) apart. The access roads, which totaled 1158 m (3800 ft) in length, was walked in two parallel transects spaced 10 m (32 ft) apart to cover a corridor width of 100 ft (30 m). The area surveyed during this project (including the well pad and access road) totaled 117,359 m<sup>2</sup> (29 acres).

## RESULTS

No cultural resources sites were located during this survey. However, one paleontological locality (42Un241v) was identified within the current survey area (Figure 2). No additional sites, isolated artifacts nor paleontological localities were found as a result of this inventory.

### Locality 42Un241v

Locality 42Un240v consists of two loci of fossil material. The first loci is located along a low sandstone ridge at proposed well location Tar Sands Federal #4-33. The second loci is located on a heavily eroded surface at proposed well location Tar Sands Federal #5-33. The fossil material at both loci is eroding out of the Upper Eocene Uinta Formation and consists of scattered fragments of Eocene age turtle shell. The remains of an individual turtle are visible on the eroded desert pavement surface at proposed well #4-33. A single fragment of fossil material was noted weathering out of the bedrock of the low ridge at well #5-33.

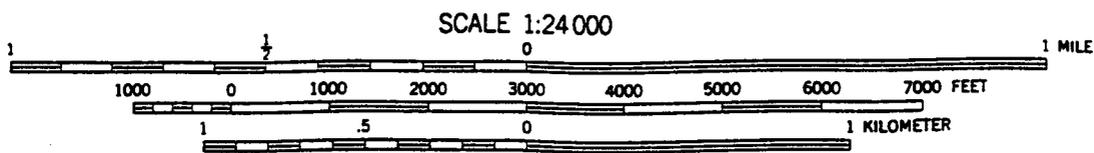
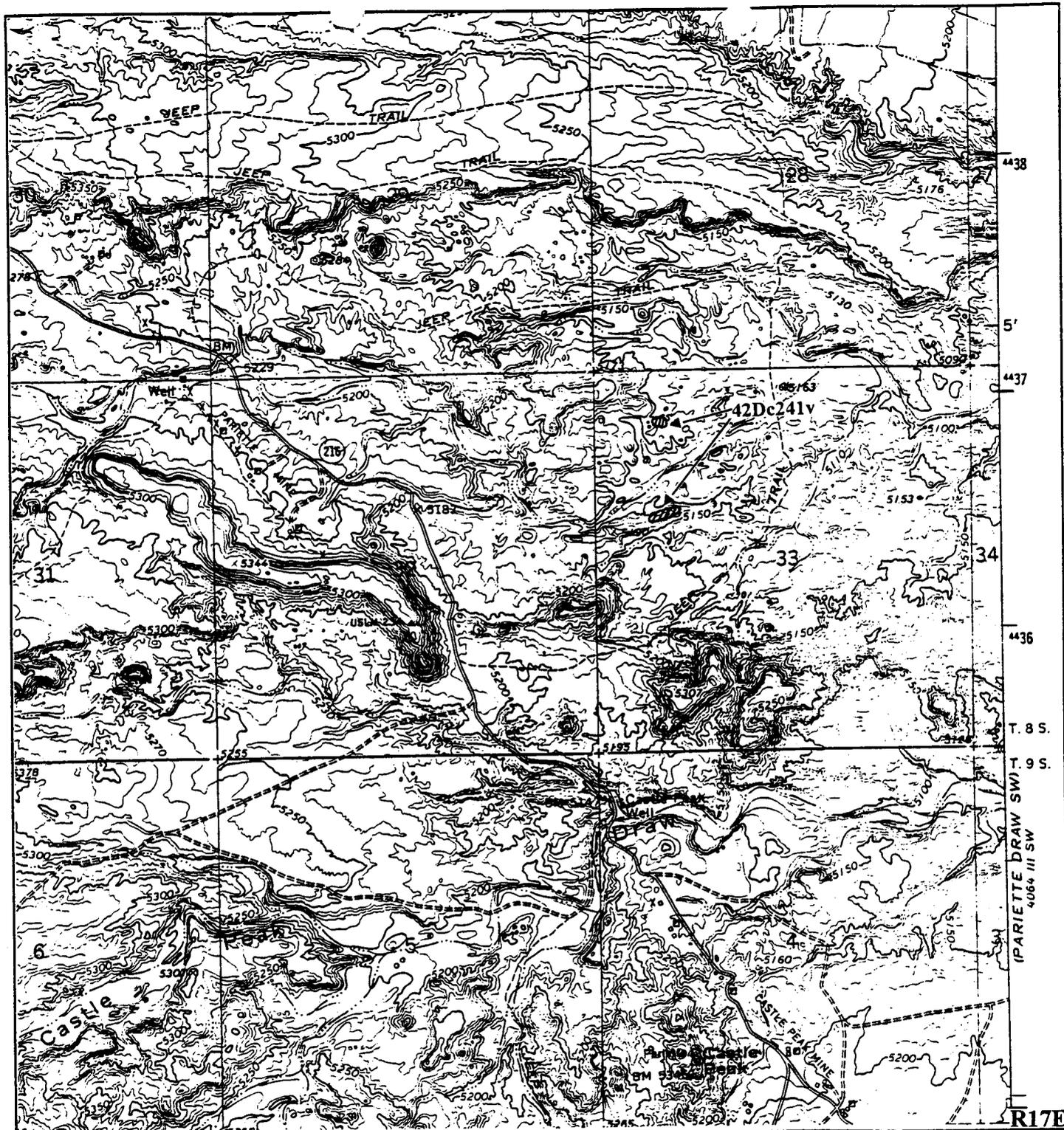


Figure 2. Location of Paleontological Locality 42Dc241v. Taken from USGS 7.5' Quadrangle Myton SE, Utah (1964).

## RECOMMENDATIONS

No cultural resources sites were located during this survey. However, one paleontological locality (42Un240v) was recorded during this inventory of Tar Sands Federal Wells #4-33 and #5-33. No additional sites nor paleontological localities were located during the survey.

### Locality 42Un241v

Most of the fragments of fossil turtle shell noted are in a moderately weathered condition and do not appear to represent sensitive paleontological specimens. However, the individual turtle specimen noted at well #4-33 appears to be relatively intact and in good condition. The specimen is located within 23 m (75 ft) of the proposed well centerstake and would likely be destroyed during well pad construction. Paleontological material noted at well #5-33 is well outside of the proposed area of disturbance and should not be affected by the proposed project. Although paleontological monitoring is not recommended at either location, collection of the turtle specimen at well #4-33 may be warranted. This specimen should be evaluated by a qualified paleontologist prior to construction. The remaining paleontological material noted during this inventory consists of fairly weathered specimens of Eocene age turtle shell exposed upon heavily eroded sandstone outcrops and desert pavement surfaces.

Since no cultural resources were found during this inventory, cultural resource clearance is recommended for the proposed project. The individual specimen noted at well #4-33 should be evaluated by a qualified paleontologist prior to disturbance at that location. At that time the disposition and importance of the specimen would be determined by the paleontologist. If this stipulation is followed, 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.

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/16/96

API NO. ASSIGNED: 43-013-31664
--------------------------------

WELL NAME: TAR SANDS FEDERAL 4-33  
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:  
 NWNW 33 - T08S - R17E  
 SURFACE: 0720-FNL-0805-FWL  
 BOTTOM: 0720-FNL-0805-FWL  
 DUCHESNE COUNTY  
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED  
 LEASE NUMBER: U - 74870

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 INJECTION WELL 7-32)
- 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: \_\_\_\_\_

\_\_\_\_\_

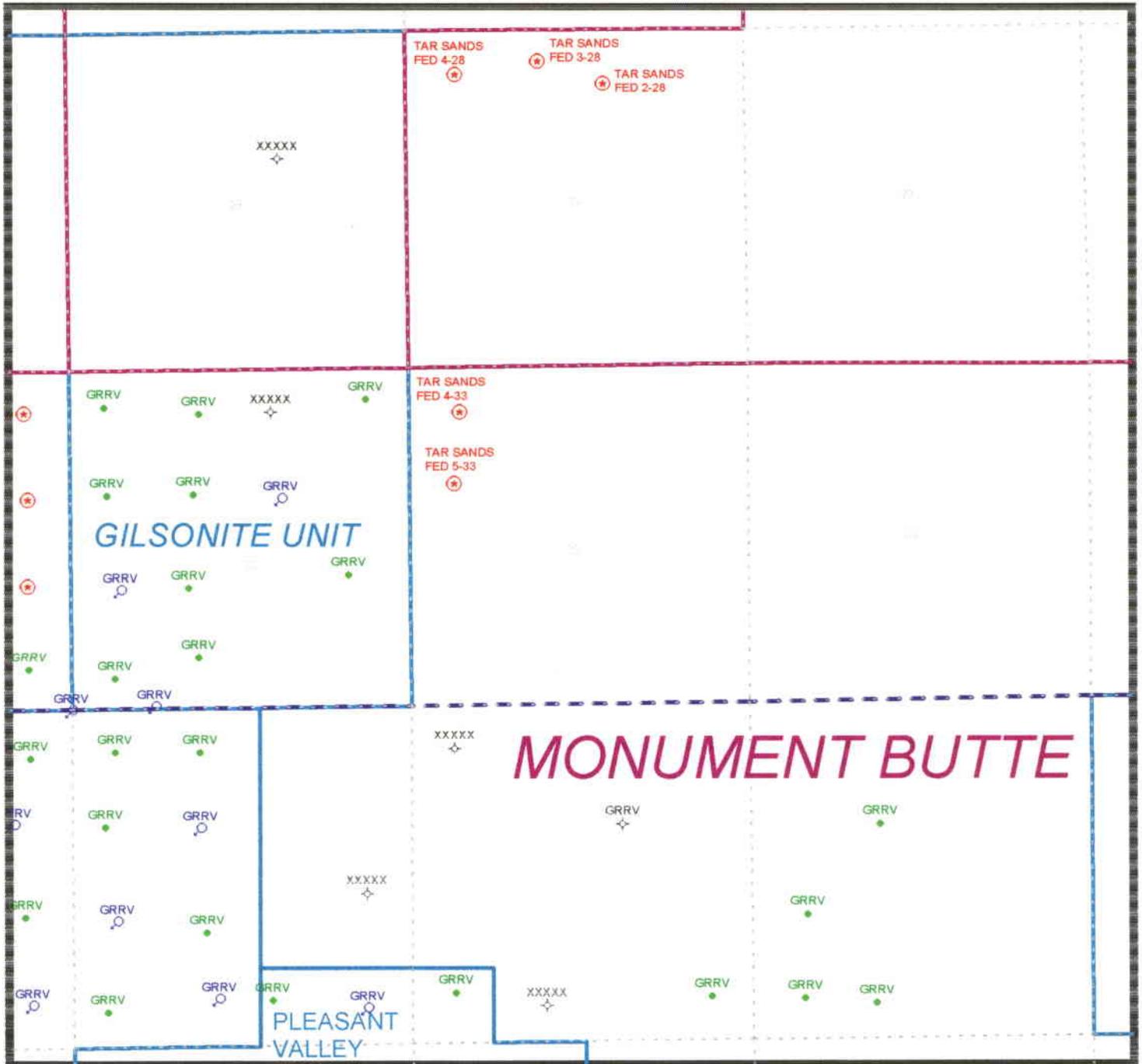
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\_\_\_\_\_

# INLAND PRODUCTION DEVELOPMENT DRILLING SEC. 33, T8S, R17E, DUCHESNE, COUNTY UAC R649-3-2



**PREPARED:  
DATE: 17-MAY-96**

**STATE OF UTAH, DIV OF OIL, GAS & MINERALS**

<b>Operator: INLAND PRODUCTION CO</b>	<b>Well Name: TAR SANDS FED 4-33</b>
<b>Project ID: 43-013-31664</b>	<b>Location: SEC. 33 - T08S - R17E</b>

Design Parameters:

Mud weight ( 8.40 ppg) : 0.436 psi/ft  
 Shut in surface pressure : 2396 psi  
 Internal gradient (burst) : 0.068 psi/ft  
 Annular gradient (burst) : 0.000 psi/ft  
 Tensile load is determined using air weight  
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125  
 Burst : 1.00  
 8 Round : 1.80 (J)  
 Buttress : 1.60 (J)  
 Other : 1.50 (J)  
 Body Yield : 1.50 (B)

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	6,500	5.500	15.50	J-55	LT&C	6,500	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2836	4040	1.425	2836	4810	1.70	100.75	217	2.15 J

Prepared by : MATTHEWS, Salt Lake City, Utah  
 Date : 05-28-1996  
 Remarks :

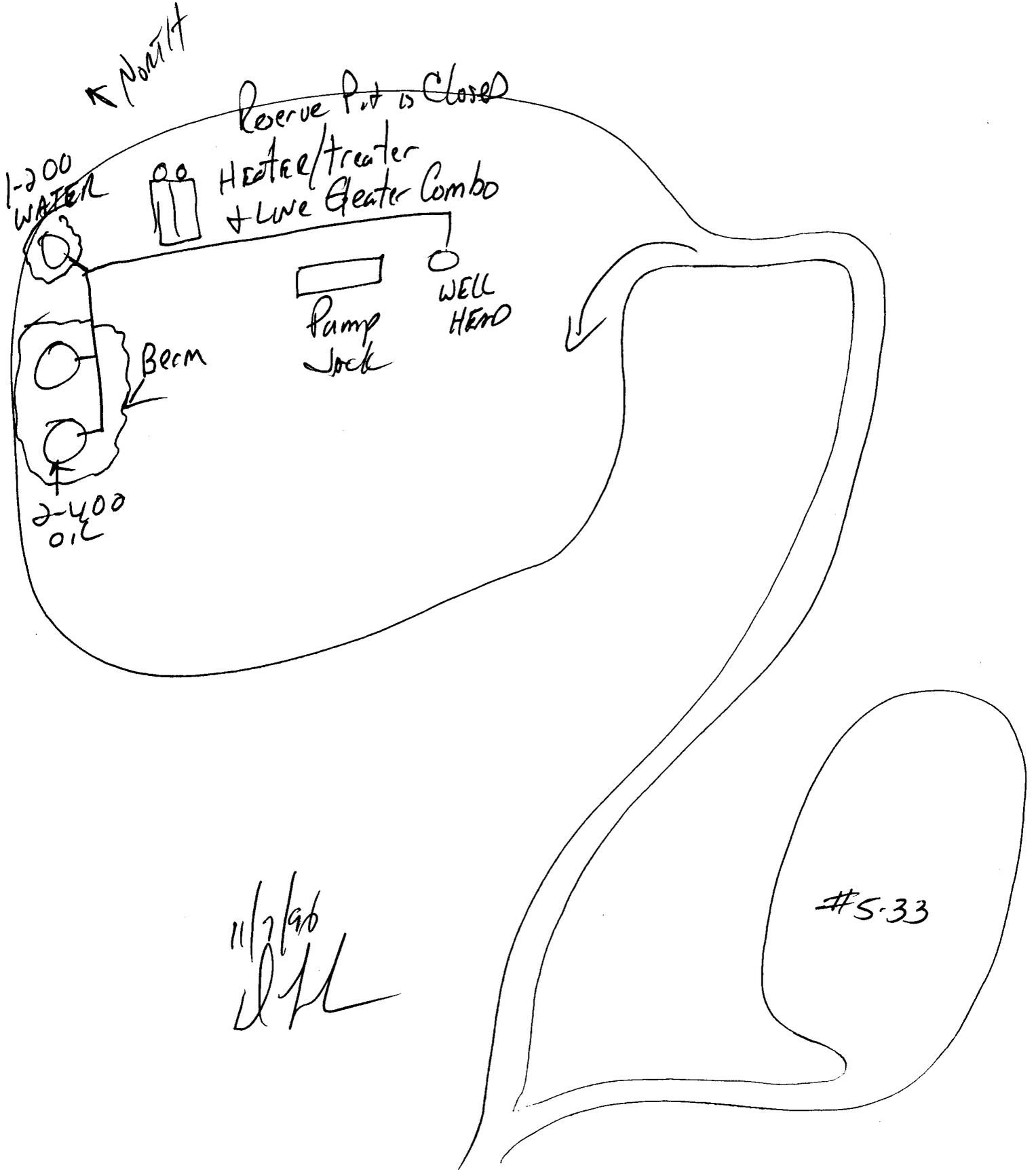
Minimum segment length for the 6,500 foot well is 1,500 feet.  
 SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas temperature of 119°F (Surface 74°F , BHT 165°F & temp. gradient 1.400°/100 ft.)  
 String type: Production  
 The mud gradient and bottom hole pressures (for burst) are 0.436 psi/ft and 2,836 psi, respectively.

**NOTE:** The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.  
 Costs for this design are based on a 1987 pricing model. (Version 1.07)

I. LAND PRODUCTION Comp 4  
TAR SANDS FEDERAL # 4-33  
SEC 33 ; T&S ; R17E

U-74870

POW 43-013-31664





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)

May 28, 1996

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

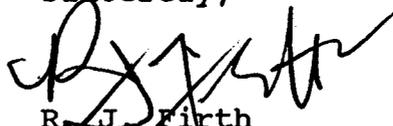
Re: Tar Sands Federal 4-33 Well, 720' FNL, 805' FWL,  
NW NW, Sec. 33, T. 8 S., R. 17 E., Duchesne County, Utah

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 43-013-31664.

Sincerely,



R. J. Firth  
Associate Director

lwp

Enclosures

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

WAPD



Operator: Inland Production Company  
Well Name & Number: Tar Sands Federal 4-33  
API Number: 43-013-31664  
Lease: U-74870  
Location: NW NW Sec. 33 T. 8 S. R. 17 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: TAR SANDS FEDERAL 4-33

Api No. 43-013-31664

Section 33 Township 8S Range 17E County DUCHESNE

Drilling Contractor APOLLO

Rig #: 56

SPUDDED:

Date: 8/4/96

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

How: DRY HOLE

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

Reported by: D. INGRAM-DOGM

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

Date: 8/13/96 Signed: FRM

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  
Inland Production Company

3. ADDRESS OF OPERATOR  
P.O. Box 1446 Roosevelt, UT 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
At surface NW/NW  
At proposed prod. zone 720' FNL & 805' FWL

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

10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 720'

16. NO. OF ACRES IN LEASE 2879.94

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1115'

19. PROPOSED DEPTH 6500'

20. ROTARY OR CABLE TOOLS Rotary

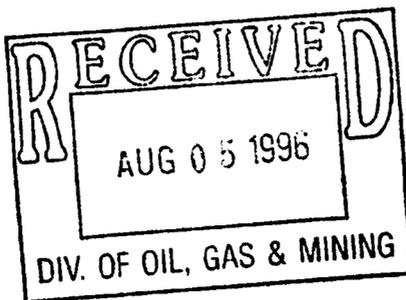
21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5141.6' GR

22. APPROX. DATE WORK WILL START\*  
Third quarter 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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



RECEIVED  
MAY 16 1996

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 5/7/96

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
ACTING Assistant Field Manager  
APPROVED BY *[Signature]* TITLE Mineral Resources DATE JUL 26 1996

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

47080-6M-133

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Federal 4-33

API Number: 43-013-31664

Lease Number: U - 74870

Location: NWNW Sec. 33 T. 8S R. 17E

**NOTIFICATION REQUIREMENTS**

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

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

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

### A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. 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.

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 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.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office. A Sonic log will be run from TD to a minimum of 200 ft above the top of the Mahogany oil shale.

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.

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

Ed Forsman (801) 789-7077  
Petroleum Engineer

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

Jerry Kenczka (801) 781-1190  
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM  
Conditions of Approval (COA's)

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

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

-Because of the location of ferruginous hawk nests in the area, no construction, drilling or associated dirt work related to the construction or drilling of the well would be allowed between March 1 and July 15.

-If the well becomes a producing well, it is requested that a multiple cylinder engine be used to power the well. The use of this type of engine will reduce the noise level in the area, thus reducing the disturbance to ferruginous hawks which may be nesting in the area.

-The turtle specimen which is present on the well location needs to be collected by a paleontologist or BLM representative prior to starting the dirt work.

-Jean Sinclear (BLM Botanist) will need to be present during the construction of the access road to ensure that the *Sclerocactus glaucus* is not disturbed.



August 19, 1996

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

**ATTENTION: Ed Forsman**

Re: South Pleasant Valley Federal #9-19  
NE/SE Sec. 19, T9S, R17E

Tar Sands Federal #4-28  
NW/NW Sec. 28, T8S, R17E

Tar Sands Federal #5-30  
SW/NW Sec. 30, T8S, R17E

Tar Sands Federal #4-31  
NW/NW Sec. 31 T8S, R17E

Tar Sands Federal #4-33  
NW/NW Sec. 33, T8S, R17E

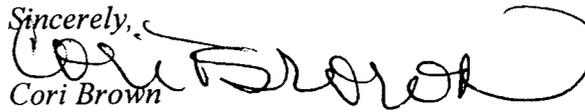
Tar Sands Federal #5-33  
SW/NW Sec. 33, T8S, R17E

Dear Ed,

Enclosed are the original and two copies (each) of the Sundry Notices and Reports on Wells; spud notifications on the SPVF #9-19, Tar Sands #4-33 and #5-33 wells, and status reports for the other above referenced locations. Copies will also be submitted to the State of Utah.

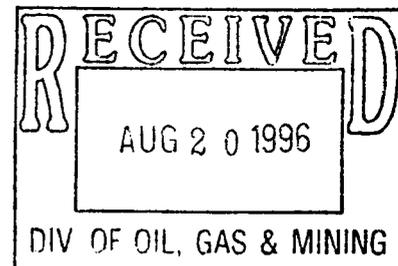
If additional information is needed, please contact me or Cheryl at (801)722-5103, in the Roosevelt office.

Sincerely,

  
Cori Brown  
Secretary

cc: **Attn: Frank Matthews**  
State of Utah  
Division of Oil, Gas & Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

/cb  
Enclosures



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-74870**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Tar Sands Federal #4-33**

9. API Well No.

**43-013-31664**

10. Field and Pool, or Exploratory Area

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, Utah 84066 (801)722-5103**

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

**NW/NW 720' FNL & 805' FWL  
Sec. 33, T8S, R17E**

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

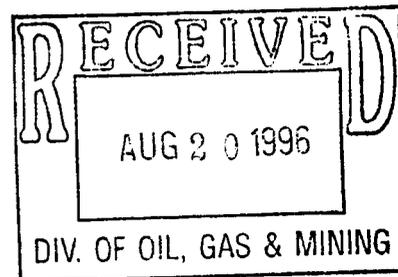
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/>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

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

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

Drilled 12 1/4" hole to 303' w/ Leon Ross Rathole Rig. Set 285.93' GL of 8 5/8" surf csg. Cmt w/ 120 sx prem + w/ 2% Gel, 2% CC & 1/4# /sk flocele.

Spud on 8/4/96



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

Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 8/12/96

(This space for Federal or State office use)

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

ENTITY ACTION FORM - FORM 5

OPERATOR Inland Production Company

OPERATOR ACCT. NO. M 5160

ADDRESS P.O. Box 1446

Roosevelt, Utah 84066

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					00	5C	TP	RG	COUNTY		
A	99999	11975	43-013-31510	Monument Butte State #16-2	SESE	2	9S	16E	Duchesne	8/2/96	8/2/96
WELL 1 COMMENTS: <i>Entitles added 8-15-96. See</i>											
A	99999	11976	43-013-31664	Tar Sands Federal #4-33	NWNW	33	8S	17E	Duchesne	8/4/96	8/4/96
WELL 2 COMMENTS:											
BA	99999	11977	43-01331665	Tar Sands Federal #5-33	SWNW	33	8S	17E	Duchesne	8/6/96	8/6/96
WELL 3 COMMENTS:											
BA	99999	11978	43-013-31610	S. Pleasant Valley Fed. #9-19	NESE	19	9S	17E	Duchesne	8/8/96	8/8/96
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

(3/89)

*Cheryl Cameron*  
Signature: Cheryl Cameron

Regulatory Compliance Specialist  
Title: 3/14/96  
Date

Phone No. (801) 722-5103



August 14, 1996

State of Utah  
Division of Oil, Gas & Mining  
P.O. Box 145801  
1594 West North Temple Suite 1210  
Salt Lake City Utah 84114-5801

**ATTENTION: Lisha Cordova**

RE: Monument Butte State #16-2  
SE/SE Sec. 2, T9S, R16E  
Duchesne County, Utah

Tar Sands Federal #4-33  
SW/NW Sec. 33, T8S, R17E  
Duchesne County, Utah

Tar Sands Federal #5-33  
NW/NW Sec. 33, T8S, R17E  
Duchesne County, Utah

S. Pleasant Valley Federal #9-19  
NE/SE Sec 19, T9S, R17E  
Duchesne County, Utah

Dear Lisha,

I am faxing Entity Action Form - 6, for the new Entity No., on the above referenced locations.

Please call me at your convenience, with the new numbers at (801) 722-5103.

Sincerely,

Cori Brown  
Secretary

/cb  
Enclosures

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-74870</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, Utah 84066 (801)722-5103</b>	7. If unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NW/NW 720' FNL &amp; 805' FWL Sec. 33, T8S, R17E</b>	8. Well Name and No. <b>Tar Sands Federal #4-33</b>
	9. API Well No. <b>43-013-31664</b>
	10. Field and Pool, or Exploratory Area <b>Monument Butte</b>
	11. County or Parish, State <b>Duchesne County, Utah</b>

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

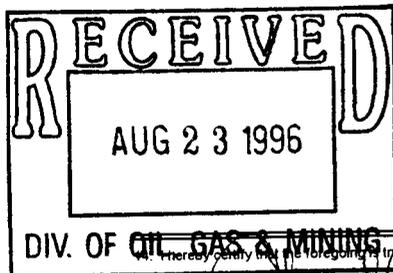
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/>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

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

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

**WEEKLY STATUS REPORT FOR WEEK OF 8/12/96 - 8/18/96:**

Drilled 7 7/8" hole from 303' - 6060' w/ Kenting Apollo, Rig #56.  
Set 6060.26'KB of 5 1/2" 15.5# J-55 csg. Cmt w/ 350 sx Hybond  
& 335 sx Thixo w/ 10% Calseal.



I hereby certify that the foregoing is true and correct

Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 8/21/96

(This space of Federal or State office use.)

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

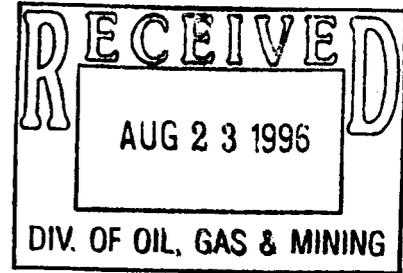
Conditions of approval, if any:

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.



August 22, 1996

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



**ATTENTION: Ed Forsman**

Re: Tar Sands Federal #4-28  
NW/NW Sec. 28, T8S, R17E

Tar Sands Federal #4-31  
NW/NW Sec. 31, T8S, R17E

Tar Sands Federal #4-33  
NW/NW Sec. 33, T8S, R17E

Travis Federal #1-33  
NE/NE Sec. 33, T8S, R16E

Dear Ed,

Enclosed are the original and two copies (each) of the Sundry Notices and Reports on Wells; status reports for the other above referenced locations. Copies will also be submitted to the State of Utah.

If additional information is needed, please contact me or Cheryl at (801)722-5103, in the Roosevelt office.

Sincerely,

Cori Brown  
Secretary

cc: Attn: Frank Matthews  
State of Utah  
Division of Oil, Gas & Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

/cb  
Enclosures

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  
 Oil Well     Gas well     Other

2. Name of Operator  
*Inland Production*

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)  
*NW/NW 720' FNL & 805' FWL  
Sec 33, T8S, R17E*

5. Lease Designation and Serial No.

*U- 74870*

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

*Tar Sands 4-33*

9. API Well No.

*43-013-31664*

10. Field and Pool, or Exploratory Area

*Monument Butte*

11. County or Parish, State

*Duchesne, UT*

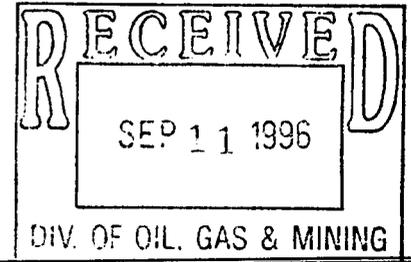
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

*Weekly Status report for week of 8/26/96- 8/31/96  
Perf. CP SD @ 5749'-5759'  
Perf. A SD @ 5329'-5334'  
Perf. C SD @ 5024'-5038'*



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

Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 9/5/96

(This space of Federal or State office use.)

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

Conditions of approval, if any:

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**SUBMIT IN TRIPLICATE**

<p>1. Type of Well  <input checked="" type="checkbox"/> Oil Well    <input type="checkbox"/> Gas well    <input type="checkbox"/> Other</p>	<p>5. Lease Designation and Serial No. <b>U-74870</b></p>
<p>2. Name of Operator <b>Inland Production</b></p>	<p>6. If Indian, Allottee or Tribe Name</p>
<p>3. Address and Telephone No. <b>P.O. B ox 1446 Roosevelt, UT 84066 (801) 722-5103</b></p>	<p>7. If unit or CA, Agreement Designation</p>
<p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NW/NW 720' FNL&amp; 805' FWL Sec. 33,T8S,R17E</b></p>	<p>8. Well Name and No. <b>Tar Sands Fed 4-33</b></p>
	<p>9. API Well No. <b>43-013-31864</b></p>
	<p>10. Field and Pool, or Exploratory Area <b>Monument Butte</b></p>
	<p>11. County or Parish, State <b>Duchesne, UT</b></p>

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

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

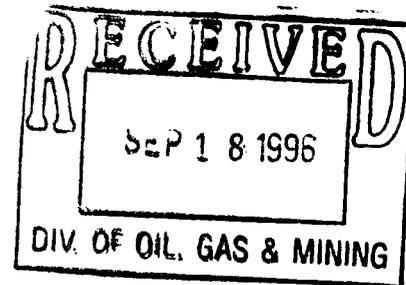
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly 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 9/1/96- 9/9/96**

**RIH w/ Production String**

**On production 9/9/96**



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

Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 9/11/96

(This space of Federal or State office use.)

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

Conditions of approval, if any:

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

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

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

*Rec'd 1-23-97*

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

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

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface **NW/NW**  
At top prod. interval reported below **720' FNL & 805' FWL**  
At total depth \_\_\_\_\_

14. PERMIT NO. **43-013-31664** DATE ISSUED **7/26/96**

5. LEASE DESIGNATION AND SERIAL NO.

**U-74870**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

**Tar Sands Federal**

9. WELL NO.

**#4-33**

10. FIELD AND POOL, OR WILDCAT

**Monument Butte**

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

**Sec. 33, T8S, R17E**

12. COUNTY OR PARISH

**Duchesne**

13. STATE

**UT**

15. DATE SPUDDED **8/4/96** 16. DATE T.D. REACHED **8/17/96** 17. DATE COMPL. (Ready to prod.) **9/9/96** 18. ELEVATIONS (DF, RKB, RT, CR, ETC.)\* **5141.6 GR** 19. ELEV. CASINGHEAD **---**

20. TOTAL DEPTH, MD & TVD **6060'** 21. PLUG BACK T.D., MD & TVD **6013'** 22. IF MULTIPLE COMPL., HOW MANY\* **→** 23. INTERVALS DRILLED BY **→** ROTARY TOOLS **X** CABLE TOOLS \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* **Green River** 25. WAS DIRECTIONAL SURVEY MADE **No**  
**5749'-5759', 5329'-5334', 5024'-5038'**

26. TYPE ELECTRIC AND OTHER LOGS RUN **CBL, DLL, CNL 1-23-97** 27. WAS WELL CORED **No**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	285.93' GL	12 1/4	120 sx prem + w/ 2% gel, 2% sk flocele	CaCl + 1/2#
5 1/2	15.5#	6055' KB	7 7/8	350 sx Hybond & 335 sx ThixocalSeal	no w/ 10%

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

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CP	5749'-5759'	See Back	
A	5329'-5334'		
C	5024'-5038'		

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/9/96		Pumping - 2 1/2" X 1 1/2" X 12' RHAC pump				producing	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
14 day avg	9/96	N/A	→	74	97	3	1.3
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

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

35. LIST OF ATTACHMENTS  
**Logs in Item #26**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
SIGNED *Cheryl Cameron* TITLE **Regulatory Compliance Specialist** DATE **10/30/96**

\*(See Instructions and Spaces for Additional Data on Reverse Side) *Rec'd 1-23-97*

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	4183'					
Point 3 Mkr	4458'					
Mkr	4682'					
Mkr	4716'					
Douglas Ck Mkr	4848'					
Bicarbonate Mkr	5085'					
B Limestone Mkr	5232'					
Castle Peak	5698'					
Basal Carbonate	NDE					
			#32.			
			Perf CP sd 5749'-5759' Frac w/ 100,800# 20/40 sd in 513 bbls boragel			
			Perf A sd 5329'-5334' Frac w/ 100,500# 20/40 sd in 512 bbls boragel			
			Perf. C sd 5024'-5038' Frac w/ 102,700# 20/40 sd in 514 bbls boragel			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
**U-74870**

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

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

8. Well Name and No.  
**TAR SANDS FEDERAL 4-33**

9. API Well No.  
**43-013-31664**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

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

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.  
**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**0720 FNL 0805 FWL      NW/NW Section 33, T08S R17E**

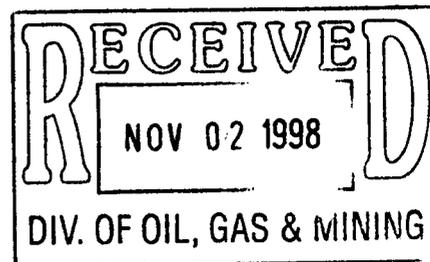
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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



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

Signed *Debbie E. Knight* Title Manager, Regulatory Compliance Date 10/30/98

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

# Inland Production Company Site Facility Diagram

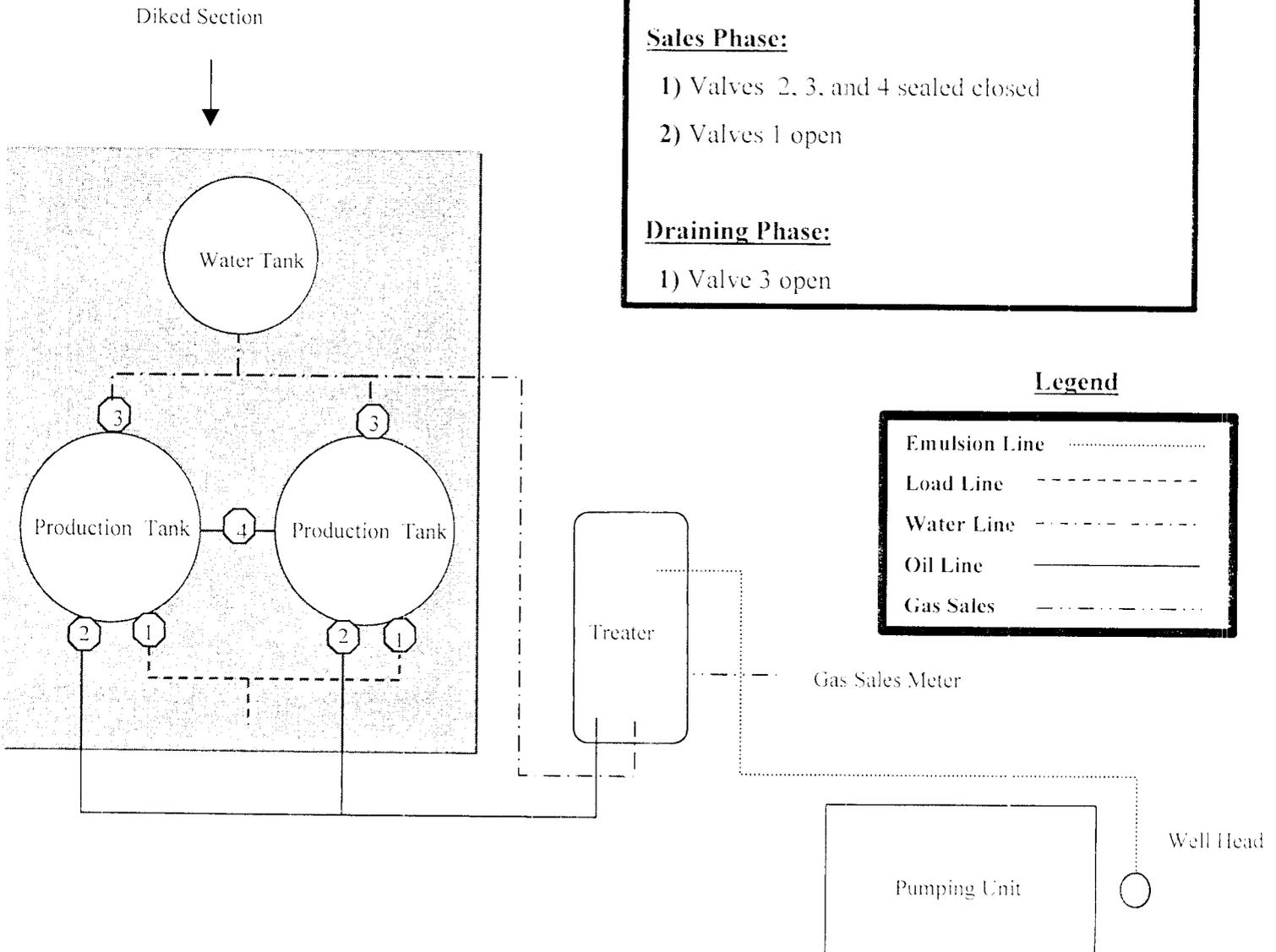
Tar Sands 4-33

NW/NW Sec. 33, T8S, 17E

Duchesne County

May 12, 1998

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



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

OPERATOR: INLAND PRODUCTION COMPANY  
 ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	11976	12704	43-013-31664	Tar Sands Federal #4-33	NWNW	33	8S	17E	Duchesne		3/1/2000

WELL 2 COMMENTS: Moved well to BlackJack Unit *000514 Entity Added.*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	11977	12704	43-013-31665	Tar Sands Federal #5-33	SWNW	33	8S	17E	Duchesne		3/1/2000

WELL 2 COMMENTS: Moved well to BlackJack Unit *000514 Entity Added.*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	12099	12704	43-013-31814	Tar Sands Federal #6-33	SENW	33	8S	17E	Duchesne		3/1/2000

WELL 3 COMMENTS: Moved well to BlackJack Unit *000514 Entity Added.*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	12086	12704	43-013-31757	Tar Sands Federal #12-33	NWSW	33	8S	17E	Duchesne		3/1/2000

WELL 4 COMMENTS: Moved well to BlackJack Unit *000514 Entity Added*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	12113	12704	43-013-31860	Tar Sands Federal #7-33	SWNE	33	8S	17E	Duchesne		3/1/2000

WELL 5 COMMENTS: Moved well to BlackJack Unit *000514 Entity Added*

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

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

**RECEIVED**

MAY 11 2000

DIVISION OF  
 OIL, GAS AND MINING

*Kathleen S. Jones*  
 Signature

Production Clerk  
 Title

May 9, 2000  
 Date



# 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

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



## Office of the Secretary of State

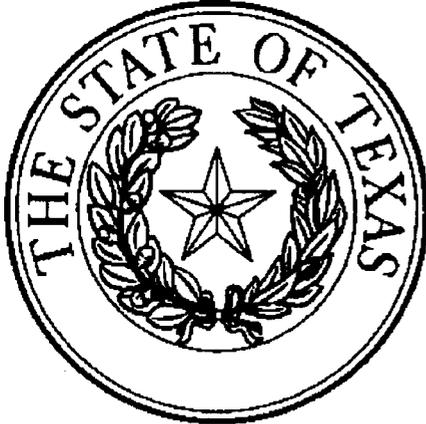
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:		<b>9/1/2004</b>
<b>FROM: (Old Operator):</b> N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO: (New Operator):</b> N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

**CA No. Unit: BLACKJACK (GR)**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
TAR SANDS FED 4-33	33	080S	170E	4301331664	12704	Federal	OW	P	
TAR SANDS FED 5-33	33	080S	170E	4301331665	12704	Federal	WI	A	
TAR SANDS FED 12-33	33	080S	170E	4301331757	12704	Federal	OW	P	
TAR SANDS FED 6-33	33	080S	170E	4301331814	12704	Federal	OW	P	
TAR SANDS FED 7-33	33	080S	170E	4301331860	12704	Federal	WI	A	
TAR SANDS FED 11-33	33	080S	170E	4301331861	12704	Federal	WI	A	
TAR SANDS FED 10-33	33	080S	170E	4301331884	12704	Federal	OW	P	
TAR SANDS FED 15-33	33	080S	170E	4301331890	12704	Federal	OW	P	
FEDERAL 24-3Y	03	090S	170E	4301331397	12704	Federal	WI	A	
MON FED 14-3-9-17Y	03	090S	170E	4301331535	12704	Federal	OW	P	
PAIUTE FED 32-4R-9-17	04	090S	170E	4301330674	12704	Federal	NA	DRL	K
FEDERAL 44-4Y	04	090S	170E	4301331452	12704	Federal	WI	A	
ALLEN FED 43-5R-9-17	05	090S	170E	4301330720	12704	Federal	NA	DRL	K
MON FED 31-5-9-17	05	090S	170E	4301331680	12704	Federal	WI	A	
FEDERAL 31R-9H	09	090S	170E	4301331107	12704	Federal	WI	A	
CASTLE DRAW 10-10-9-17	10	090S	170E	4301330684	12704	Federal	OW	P	
CASTLE DRAW 14-10	10	090S	170E	4301330994	12704	Federal	OW	P	
FEDERAL 22-10Y	10	090S	170E	4301331395	12704	Federal	WI	A	
BALCRON MON FED 12-10-9-17Y	10	090S	170E	4301331536	12704	Federal	OW	P	
BALCRON MON FED 21-10-9-17Y	10	090S	170E	4301331537	12704	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
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

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

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

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

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

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

**DATA ENTRY:**

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

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

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

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

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

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

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

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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



July 15, 2008

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

RE: Re-completion  
Tar Sands Fed 4-33-~~8~~  
Sec.33, T8S, R17E  
API #4301331664

Dear Mr. Brad Hill:

The subject well had new perforations added in the Green River Formation. Then put back on production. Please find enclosed the sundry.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jentri Park".

Jentri Park  
Production Technician

RECEIVED

JUL 18 2008

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-77234

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
BLACKJACK UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
TAR SANDS FED 4-33

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301331664

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

10. FIELD AND POOL, OR WILDCAT:  
MONUMENT BUTTE

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 720 FNL 805 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNW, 33, T8S, R17E

STATE: UT

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

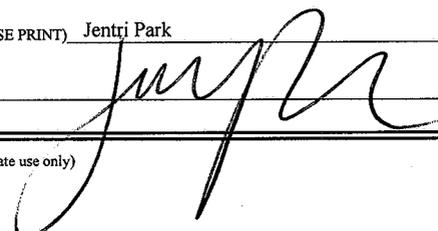
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will  _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input 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:  07/15/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was recompleted and then placed back on production, attached is a daily recompletion status report. The following were the new perforations that were added.

- GB6 4432'-4442'
- GB4 4368'-4382'
- C 5024'-5038' refrac

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech

SIGNATURE  DATE 07/15/2008

(This space for State use only)

**RECEIVED**  
**JUL 18 2008**

DIV. OF OIL, GAS & MINING

## Daily Activity Report

Format For Sundry  
**TAR SANDS 4-33-8-17**  
 4/1/2008 To 8/30/2008

**6/13/2008 Day: 1**

**Recompletion**

Basin #2 Swabbing on 6/12/2008 - MIRU Basin #2. RU HO trk & pump 70 BW dn annulus @ 250°F. RD pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump soft joint rod string & strip off flow-T. Fill tbg W/ 20 BW & pressure test to 3000 psi. Retrieve rod string & unseat pump. TOH W/ rods--LD pump. LD 5 worn slick rods. No sign of scale on rods or pump. ND wellhead & release TA @ 5748'. NU BOP. Talley & PU 5 jts work string to tag fill @ 5984'. RU & circ circ well clean. Caught circulation W/ 50 bbls. Lost total of 90 BW during circulation. LD work string. TOH & talley production tbg to 4835'. SIFN W/ est 220 BWTR.

**6/14/2008 Day: 2**

**Recompletion**

Basin #2 Swabbing on 6/13/2008 - RU HO trk & pump 40 BW dn tbg @ 250°F. Con't TOH & talley production tbg--LD BHA. RU Perforators LLC WLT & flange. RIH W/ 4.8" vented gage ring & 2-3 1/8" perf guns. Ran gage to 5800'. Perf new intervals W/ 4 JSPF as follows: GB6 sds @ 4432-42' & GB4 sds @ 4368-82'. Gage ring snagged in wellhead & pulled out of rope socket (dropped guns downhole!). RD WLT. MU & TIH W/ Four Star 4 11/16" overshot (dressed W/ 3 1/8" basket grapple), X-O, bumpersub, jar, X-O & tbg. Latch onto fish & jar loose. TOH W/ tbg. LD & BO fishing tools & fish. SIFN W/ est 260 BWTR.

**6/17/2008 Day: 3**

**Recompletion**

Basin #2 Swabbing on 6/16/2008 - RIH w/ 5 1/2" TS plug, on/off tool, 4' x 2 3/8" tbg. sub, 5 1/2" HD pkr. & N-80 workstring. Set TS plug @ 5815' & HD pkr. @ 5781'. Fill tbg. w/ 20 bbls water. Pressure test tools to 2000 psi. Release pkr. Pull up to 5650' w/ pkr. Leave pkr. released. SWIFN.

**6/18/2008 Day: 4**

**Recompletion**

Basin #2 Swabbing on 6/17/2008 - Set HD pkr. @ 5709' w/ EOT @ 5719'. RU BJ Services. Acidize CP1 sds as shown below. Allow acid to sit on perfs for 1 hr. Pressure dropped to 250 psi. Open well to flattank. Well flowed back 20 bbls & died. RIH w/ swab. Made 5 runs. Recovered 30 bbls. RD swab. Fill tbg. w/ 15 bbls water. Release pkr. RIH w/ tbg. Latch onto TS plug. Release plug. Set TS plug @ 5059'. Set HD pkr. @ 4990' w/ EOT @ 5000'. RU BJ Services. Attempt to break down perfs. Lost tbg. pressure & gained csg. Pressure. RD BJ Services. Release HD pkr. RIH w/ tbg. Latch onto TS plug. Release plug. Reset TS plug @ 5122'. Set HD pkr. @ 5088'. RU BJ Services. Pressure test tbg. & tools to 6000 psi. RD BJ Services. Release HD pkr. Pull up hole & reset HD pkr. @ 4990' w/ EOT @ 5000'. RU BJ Services. 0 psi on well. ReFrac C sds w/ 48,491#'s of 20/40 sand in 594 bbls of Lightning 17 fluid. Broke @ 4120 psi. Treated w/ ave pressure of 5172 psi w/ ave rate of 13.1 BPM. ISIP 6330 psi. Perfs pressured up and decision was made to cut sand. Screened perfs off w/ 6 bbls remaining in flush. RD BJ Services. Attempt to flow back frac. Well flowed 5 bbls & died. Release HD pkr. Circulate well clean w/ 90 bbls water. Reset HD pkr. SWIFN.

**6/19/2008 Day: 5**

**Recompletion**

Basin #2 Swabbing on 6/18/2008 - Open well w/ 0 psi on tbg. Release pkr. TIH w/ tbg to tag 75' of sand. C/O to plug @ 5122'. Released RBP & TOOH w/ tbg. Set TS plug @ 4414'. Set HD pkr. @ 4291'. Break down GB4 sds @ 2143 psi w/ 8 bbls water back to 1600 psi. Released pkr. TIH W/ tbg & release plug. TIH w/ tbg to set plug @ 4487'. Set pkr @ 4417'. RU BJ & broke GB6 sds down @ 1806 psi w/ 5 bbls water, back to 1151 psi. Release pkr. TOOH w/ tbg. Reset packer @ 4328'. Pressure casing to 500 psi w/ 5 bbls water. Problems w/ water not holding viscosity, change out water for frac. RU BJ & frac GB6 & GB4 sds w/ 115,842#'s of 20/40 sand in 936 bbls of Lightning 17 fluid. Broke @ 1100 psi. Treated w/ ave pressure of 3512 psi w/ ave rate of 15.8 BPM. ISIP 2070 psi. RD BJ Services. Flow well back. Well flowed for 7 hours & died w/ 400 bbls rec'd. SWIFN.

---

**6/20/2008 Day: 6**

**Recompletion**

Basin #2 Swabbing on 6/19/2008 - Open well w/ 150 psi on tbg. Released pkr. Circulate tbg clean. TIH w/ tbg to tag 40' of sand. C/O to plug @ 4487'. Released RBP. TOOH w/ tbg laying down frac string. RD tools. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA new CDI w/ 45,000# shear, 182 jts tbg. Tested tbg 3 time going in hole to 3500 psi. RU swab & fish stand-in valve. SWIFN.

---

**6/21/2008 Day: 7**

**Recompletion**

Basin #2 Swabbing on 6/20/2008 - Open well w/ 0 psi on tbg. TIH w/ tbg to tag fill @ 5950'. Circulate well clean to 5990'. TOOH w/ tbg. RD BOP's. Set TA w/ 15,000#'s tension @ 5747.69' w/ SN @ 5779' & EOT @ 5848'. Flush tbg w/ 60 bbls water. Pick-up & prime pump. TIH w/ 2-1/2" x 1-1/2" x 12' x 15' RHAC new CDI pump w/ 116"SL, 6- 1-1/2" weight rods, 64- 3/4" guided rods, 59- 3/4" plain rods, 102- 3/4" guided rods, 6',6',8' x 3/4" pony rods, 1-1/2" X 22' polished rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 9:30PM w/ 60"SL @ 5 spm. Final Report.

---

**Pertinent Files: Go to File List**

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 to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone    (include are code)  
 435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
 720 FNL 805 FWL  
 NWNW Section 33 T8S R17E

5. Lease Serial No.  
 USA UTU-77234

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
 GMBU

8. Well Name and No.  
 TAR SANDS FED 4-33

9. API Well No.  
 4301331664

10. Field and Pool, or Exploratory Area  
 GREATER MB UNIT

11. County or Parish, State  
 DUCHESNE, UT

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

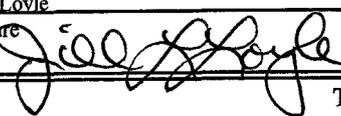
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/>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

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

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

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

**RECEIVED**  
**DEC 21 2011**  
**DIV. OF OIL, GAS & MINING**

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Lovle	Title Regulatory Technician
Signature 	Date 12/15/2011

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

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

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

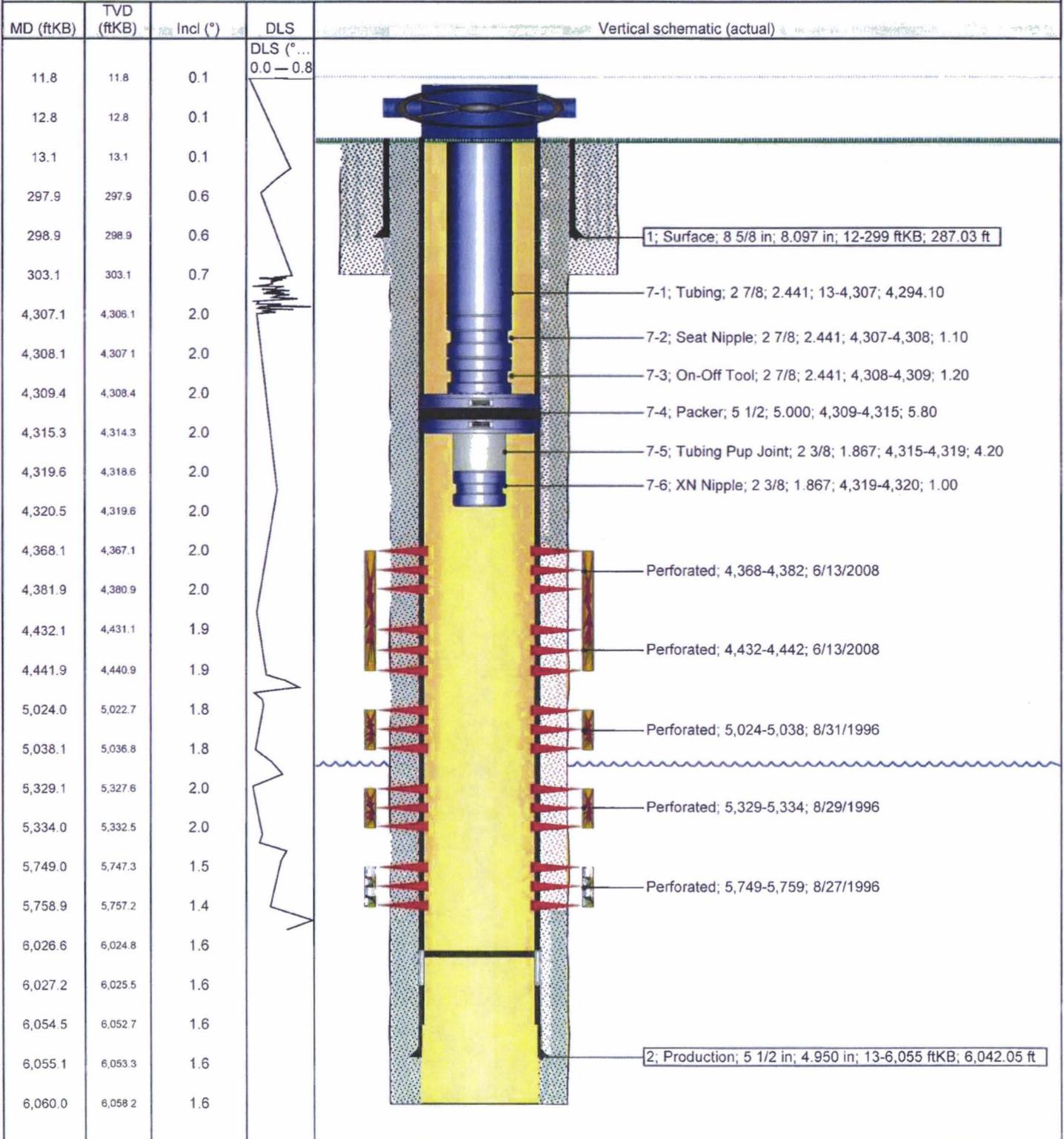
Well Name: Tar Sands 4-33-8-17

43-013-31664

Surface Legal Location 33-8S-17E	API/UWI 43013316640000	Well RC 500151368	Lease	State/Province Utah	Field Name GMBU CTB7	County Duchesne
Spud Date	Rig Release Date	On Production Date 9/9/1996	Original KB Elevation (ft) 5,155	Ground Elevation (ft) 5,142	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,026.7

<b>Most Recent Job</b>					
Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 2/25/2014	Job End Date 3/3/2014	

TD: 6,060.0 Vertical - Original Hole, 9/15/2015 2:13:43 PM



# NEWFIELD



## Newfield Wellbore Diagram Data Tar Sands 4-33-8-17

Surface Legal Location 33-8S-17E		API/UWI 43013316640000		Lease	
County Duchesne		State/Province Utah		Basin Uintah Basin	
Well Start Date 8/12/1996		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,155		Ground Elevation (ft) 5,142		Total Depth (ftKB) 6,060.0	
				Total Depth All (TVD) (ftKB) 6,026.7	
				PBTD (All) (ftKB) Original Hole - 6,026.7	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/6/1996	8 5/8	8.097	24.00	J-55	299
Production	8/18/1996	5 1/2	4.950	15.50	J-55	6,055

### Cement

#### String: Surface, 299ftKB 8/6/1996

Cementing Company	Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 303.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premium Plus w/2% gel, 2% CaCl <sub>2</sub> , 1/4#/sk flocele	Fluid Type Lead	Amount (sacks) 120	Class Premium Plus	Estimated Top (ftKB) 13.0

#### String: Production, 6,055ftKB 8/18/1996

Cementing Company	Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 6,060.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 350	Class Hybond	Estimated Top (ftKB) 13.0
Fluid Description	Fluid Type Tail	Amount (sacks) 335	Class Thixo	Estimated Top (ftKB) 13.0

### Tubing Strings

Tubing Description		Run Date		Set Depth (ftKB)				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btn (ftKB)
Tubing	138	2 7/8	2.441	6.50	J-55	4,294.10	13.0	4,307.1
Seat Nipple		2 7/8	2.441			1.10	4,307.1	4,308.2
On-Off Tool		2 7/8	2.441			1.20	4,308.2	4,309.4
Packer		5 1/2	5.000			5.80	4,309.4	4,315.2
Tubing Pup Joint	1	2 3/8	1.867			4.20	4,315.2	4,319.4
XN Nipple		2 3/8	1.867			1.00	4,319.4	4,320.4

### Rod Strings

Rod Description		Run Date		Set Depth (ftKB)			
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btn (ftKB)

### Perforation Intervals

Stage#	Zone	Top (ftKB)	Btn (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
5	GB6, Original Hole	4,368	4,382	4			6/13/2008
4	GB4, Original Hole	4,432	4,442	4			6/13/2008
3	C, Original Hole	5,024	5,038	4			8/31/1996
2	A, Original Hole	5,329	5,334	4			8/29/1996
1	CP, Original Hole	5,749	5,759	4			8/27/1996

### Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,923		2,810.0				
2	2,958		3,300.0				
3	3,944		4,223.0				
4	1,454						
5	6,330	1.7	15.5	6,444			
6	2,070	0.9	15.8	3,777			

### Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant White Sand 100800 lb
2		Proppant White Sand 100500 lb
3		Proppant White Sand 102700 lb
4		0
5		Sand Bulk Sand 48491 lb
6		Sand Bulk Sand 115482 lb



March 7, 2014

Mr. Jason Deardorff  
US EPA Region 8  
8P-W- UIC  
1595 Wynkoop Street  
Denver CO 80202

RE: Injection Conversion  
Well: Tar Sands Federal 4-33-8-17  
EPA #: UT22197-10256  
API #: 43-013-31664

Dear Mr. Deardorff:

33 85 17E

The subject well was converted from a producing oil well to a water injection well. Attached are the EPA Form 7520-12, an updated wellbore diagram, MIT Pressure Test, a copy of the chart, and Daily Activity report.

The shallowest perforation for this well is **4368'**. The Fracture Gradient for this well is **0.786**. The MAIP for this well has been calculated to be **1510** – MAIP = [FG – (0.433) (SG)] \* Depth.

The GG2 @ (4183') in the 4-33-8-17 well has a calculated pore pressure of **1882.3** psia. This is calculated using a pore pressure gradient of 0.45 psi/ft. (0.45 psi/ft x 4183' = 1882.35 psi). Since the GG2 is a normally pressured, non-depleted zone, this is a valid estimate of pore pressure. RDT pressure data collected in Greater Monument Butte also supports this calculation.

You may contact me at 435-646-4874 or [lchavez-naupoto@newfield.com](mailto:lchavez-naupoto@newfield.com) if you require further information.

Sincerely,

Lucy Chavez-Naupoto  
Water Services Technician

Sundry Number: 48800 API Well Number: 43013316640000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<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-74870
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: TAR SANDS FED 4-33	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013316640000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0720 FNL 0805 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 33 Township: 08.0S Range: 17.0E Meridian: S	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"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SITA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date			

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

The subject well has been converted from a producing oil well to an injection well on 02/28/2014. Initial MIT on the above listed well. On 03/03/2014 the casing was pressured up to 1405 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10256

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/13/2014	

RECEIVED: Mar. 13, 2014

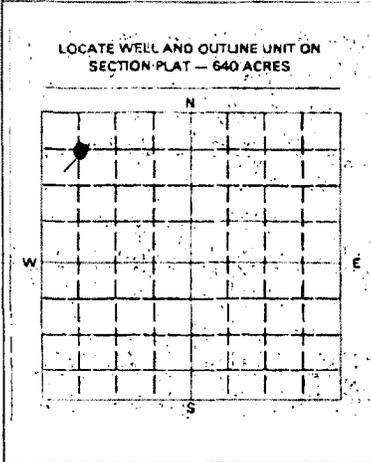
UNITED STATES ENVIRONMENTAL PROTECT ON AGENCY  
WASHINGTON, DC 20460



**WELL REWORK RECORD**

NAME AND ADDRESS OF PERMITTEE  
Newfield Production Company  
410 17th Street, Suite 700  
Denver, Colorado 80202-4402

NAME AND ADDRESS OF CONTRACTOR  
Same as Permittee



STATE Utah	COUNTY Duchesne	PERMIT NUMBER UT22197-10256
SURFACE LOCATION DESCRIPTION 1/4 OF NW 1/4 OF NW SECTION 33 TOWNSHIP 8S RANGE 17E		
LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location 720 ft. from (N/S) N Line of quarter section and 805 ft. from (E/W) W Line of quarter section		
WELL ACTIVITY <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage  Lease Name Tar Sands Federal	Total Depth Before Rework (ft) 6060 Total Depth After Rework (ft) 6060 Date Rework Commenced 2/25/2014 Date Rework Completed 3/3/2014	TYPE OF PERMIT <input checked="" type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells 1 Well Number 4-33-8-17

**WELL CASING RECORD -- BEFORE REWORK**

Casing		Cement		Perforations (ft)		Acid or Fracture Treatment Record
Size	Depth (ft)	Sacks	Type	From	To	
8 5/8"	299	120	Prem Plus	5749	5759	Perf and frac
5 1/2"	5488	350	Hybond	5329	5334	Perf and frac
		335	Thixo	5024	5038	Perf and frac Re-Perf 2008
				4432	4442	Perf and frac
				4368	4382	Perf and frac

**WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)**

Casing		Cement		Perforations (ft)		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL  
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

See attached "Daily Workover Report"

**CERTIFICATION**

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print)  
Lucy Chavez-Naupoto  
Water Services Technician

SIGNATURE

DATE SIGNED  
March 7, 2014

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 3/3/2014  
 Test conducted by: Pistin Bennett  
 Others present: \_\_\_\_\_

Well Name: <u>Ten Sands Federal 4-33-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NW 1/4</u> Sec: <u>33</u> T: <u>8</u> N: <u>10</u> R: <u>17</u> W	County: <u>Pedernales</u>	State: <u>UT</u>
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>1/1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test?  Yes  No  
 Initial test for permit?  Yes  No  
 Test after well rework?  Yes  No  
 Well injecting during test?  Yes  No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1406 / 200 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>200</u> psig	psig	psig
End of test pressure	<u>200</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1406</u> psig	psig	psig
5 minutes	<u>1406</u> psig	psig	psig
10 minutes	<u>1406</u> psig	psig	psig
15 minutes	<u>1406</u> psig	psig	psig
20 minutes	<u>1406</u> psig	psig	psig
25 minutes	<u>1406</u> psig	psig	psig
30 minutes	<u>1405</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test?  Yes  No

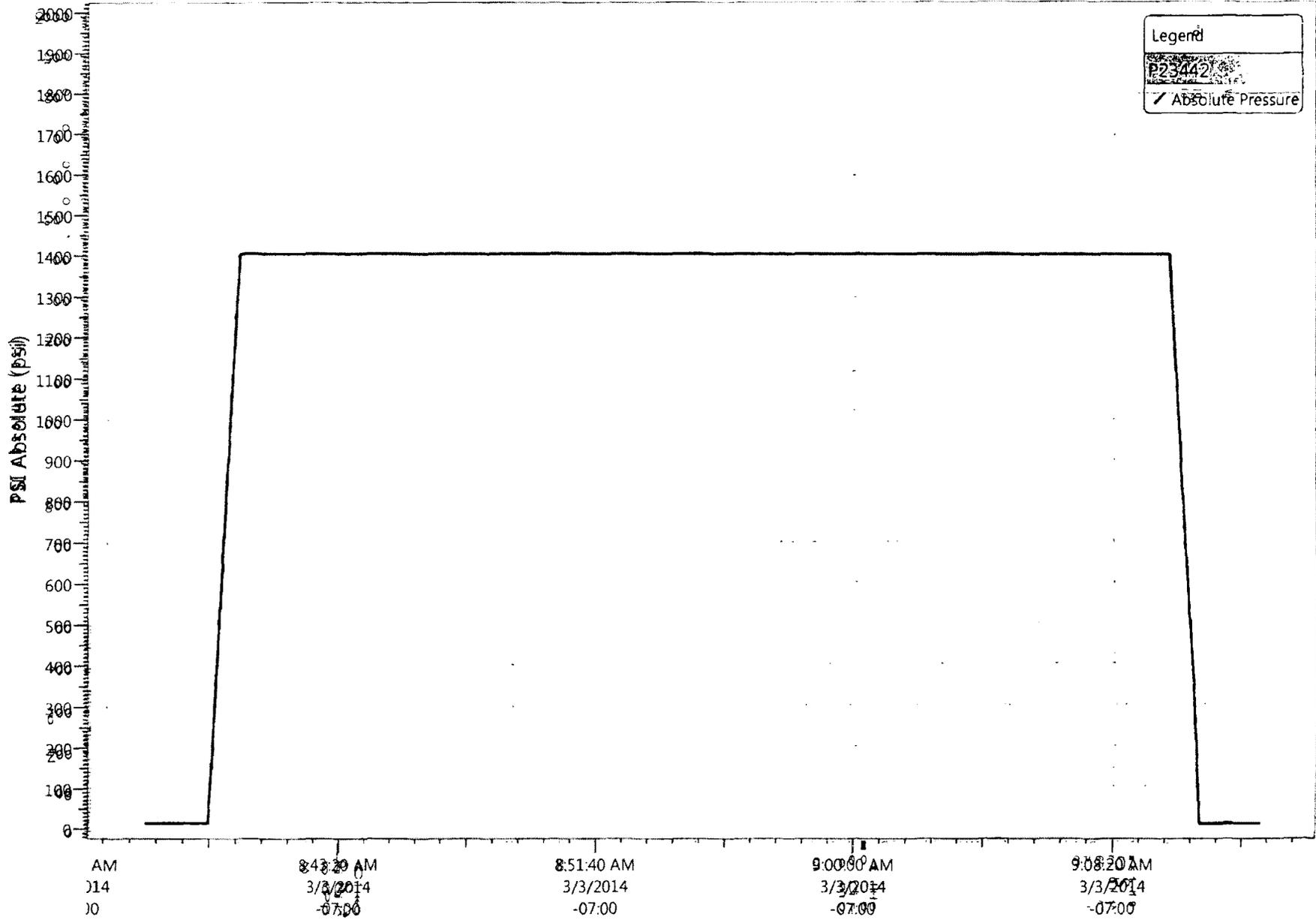
### MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

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

Tar Sands Federal 4-33-17

3/3/2014 8:35:42 AM





**Job Detail Summary Report**

**Well Name: Tar Sands 4-33-8-17**

Jobs	
Primary Job Type Conversion	Job Start Date 2/25/2014 Job End Date

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
2/25/2014	2/25/2014	MIRU RD HORSE HEAD ND WH NU BOP	
Start Time	09:00	End Time	09:30
			Comment Road rig to location
Start Time	09:30	End Time	10:30
			Comment Spot rig at well wait on pumper
Start Time	10:30	End Time	11:30
			Comment Rig up unit pump 50 bbls 250 degree water down casing rig down horse head
Start Time	11:30	End Time	13:30
			Comment Flush rods 35 bbls 250 degree water soft seat pump rig down flow lines test tubing to 3000 rig up flow lines unseat pump
Start Time	13:30	End Time	16:00
			Comment Lay down rods on trailer
Start Time	16:00	End Time	17:30
			Comment Nipple down wellhead nipple up b.o.p. rig up work floor release TAC secure well s.d.f.n.
Start Time	17:30	End Time	18:30
			Comment CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary	
2/26/2014	2/26/2014	P.O.O.H. BREAKING AND DOPING ALL CONECTIONS LAY DOWN REMAINING TUBING. PU PKR TIH W/ TBG	
Start Time	06:00	End Time	07:00
			Comment CREW TRAVEL AND SAFETY MEETING
Start Time	07:00	End Time	12:30
			Comment P.O.O.H. BREAKING AND DOPING ALL CONECTIONS LAY DOWN REMAINING TUBING
Start Time	12:30	End Time	14:00
			Comment PICK UP PACKER T.I.H. WITH 138 JOINTS
Start Time	14:00	End Time	14:30
			Comment FLUSH TUBING WITH 30 BBLs 250 DEGREE WATER
Start Time	14:30	End Time	17:30
			Comment DROP STANDING VALVE TEST TO 3000 P.S.I. UNABLE TO HOLD 100% FOR 30 MINUTES PRESSURE TUBING TO 3000 SECURE WELL S.D.F.N
Start Time	17:30	End Time	18:30
			Comment CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary	
2/27/2014	2/27/2014	ATTEMPTED TO GET A GOOD TEST - POOH TESTING EVERY 10 STANDS TRYING TO LOCATE COLLAR LEAK 50 STANDS OUT FOUND AND FIXED 2 LEAKY COLLARS SECURE WELL SDFN	
Start Time	06:00	End Time	07:00
			Comment CREW TRAVEL AND SAFETY MEETING
Start Time	07:00	End Time	13:00
			Comment ATTEMPT TO GET A GOOD TEST ON TBG 40 PSI LOSS IN 30 MINUTES
Start Time	13:00	End Time	18:00
			Comment POOH TESTING EVERY 10 STANDS TRYING TO LOCATE COLLAR LEAK 50 STANDS OUT FOUND AND FIXED 2 LEAKY COLLARS SECURE WELL SDFN
Start Time	18:00	End Time	19:00
			Comment CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary	
2/28/2014	2/28/2014	TIH TEH TEST EVERY 10 STRNADS. RETRIEVE SV. RD FLOOR ND BOP	
Start Time	06:00	End Time	07:00
			Comment CREW TRAVEL AND SAFETY MEETING
Start Time	07:00	End Time	11:00
			Comment TIH TESTING EVERY 10 STRANDS TO 3000 PSI HOLD FINAL TEST 100% FOR 30 MINUTES



Job Detail Summary Report

Well Name: Tar Sands 4-33-8-17

--

Start Time	11:00	End Time	12:00	Comment	RETRIEVE STANDING VAVLE
Start Time	12:00	End Time	13:30	Comment	RIG DOWN FLOOR ND BOP NU WH SPOT PKR FLUID ND WH SET PKR 18K IN TENSION NU WH
Start Time	13:30	End Time	15:00	Comment	TEST CASING TO 1400 PSI HOLD 100% FOR 30 MINUTES
Start Time	15:00	End Time	16:00	Comment	RD SDFN
Start Time	16:00	End Time	17:00	Comment	CREW TRAVEL
Report Start Date	3/3/2014	Report End Date	3/3/2014	24hr Activity Summary CONDUCT INITIAL MIT	
Start Time	08:30	End Time	09:00	Comment	Initial MIT on the above listed well. On 03/03/2014 the casing was pressured up to 1405 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test. EPA# UT221972-10256

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