

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

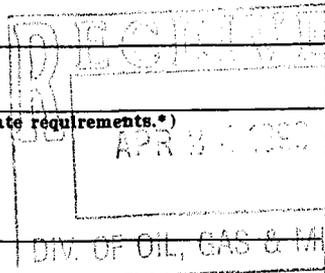
**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

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/NE      663.9  
 At proposed prod. zone 858' FNL & 2178' FEL      281



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.  
#2-28  
 10. FIELD AND POOL, OR WILDCAT  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 28, T8S, R17E  
 12. COUNTY OR PARISH  
Duchesne      13. STATE  
UT

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
858'

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.  
1052'

19. PROPOSED DEPTH  
6500'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5222' GR

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

The location of the proposed well is due to the request of the landowner.

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

24. SIGNED Brad Mechem      TITLE Operations Manager      DATE 4/4/96

(This space for Federal or State office use)

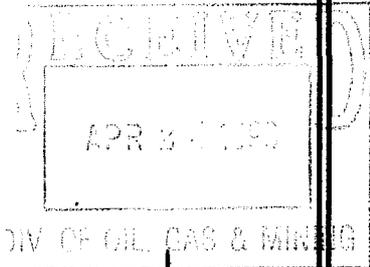
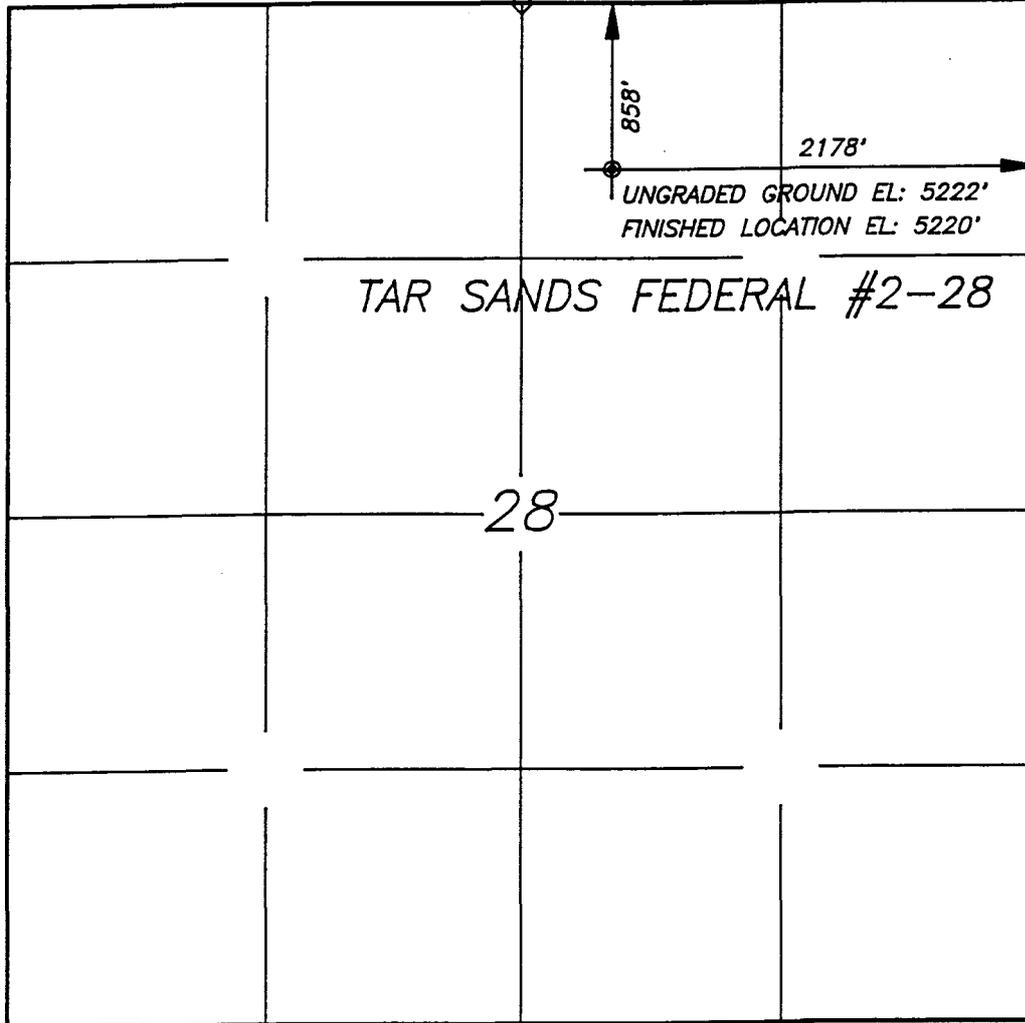
PERMIT NO. 43-013-31642      APPROVAL DATE \_\_\_\_\_  
 APPROVED BY [Signature]      TITLE Production Engineer      DATE 5/7/96  
 CONDITIONS OF APPROVAL, IF ANY.

\*See Instructions On Reverse Side

**INLAND PRODUCTION CO.  
WELL LOCATION PLAT  
TAR SANDS FEDERAL #2-28**

LOCATED IN THE NW1/4 OF THE NE1/4  
SECTION 28, T8S, R17E, S.L.B.&M.

S 89°50' W 79.96' CHS. (G.L.O.)



N 0°02' W 80.00 CHS. (G.L.O.)

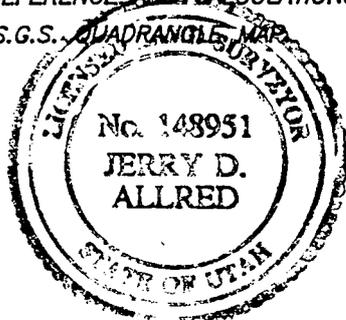


SCALE: 1" = 1000'

**LEGEND AND NOTES**

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

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



**SURVEYOR'S CERTIFICATE**

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

*Jerry D. Allred*

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



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

16 APR 1996

84-121-061

**A CULTURAL RESOURCES SURVEY OF  
TAR SANDS FEDERAL WELLS #2-28, #3-28, #4-28  
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-0081b

Archaeological Report No. 850-01

March 12, 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 #2-28 (660' FNL 1980' FEL), #3-28 (473.9' FNL 2050' FWL) and #4-28 (785' FNL 653.8' FWL) located on lands controlled by the Bureau of Land Management (BLM) in Duchesne County, Utah (Figure 1).

The proposed wells are located in T. 8S., R. 17E., S. 28 on USGS 7.5' Quadrangle Myton SE, Utah (1964). The project was carried out by Heather M. Weymouth and Lynita S. Langley on February 22, 1996 under authority of Cultural Resources Use Permit No. 95UT54630 and Utah State Antiquities Permit No. U-96-SJ-0081b.

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, one cultural resources site is listed as being located near the current project area. Following is a brief description of this site:

### **Cultural Resource Sites**

**Site 42Dc374.** This site, located in lower Pleasant Valley, consists of segment "H" of the historic Lower Pleasant Valley Canal System. Recommendations for National Register of Historic Places (NRHP) eligibility for this segment of the Lower Pleasant Valley Canal System are unknown.

No paleontological localities are listed as being in the vicinity of the current project area. 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.

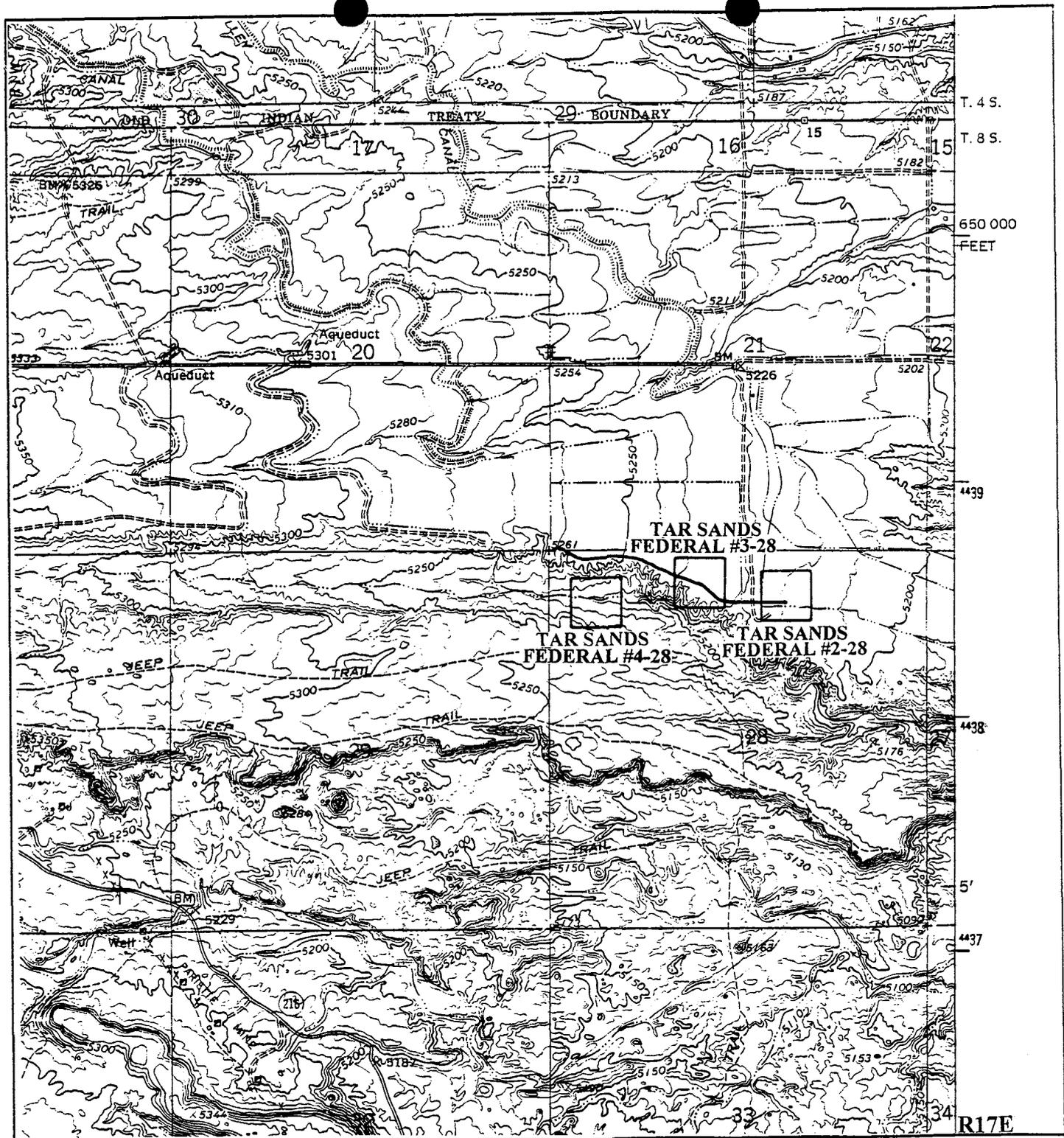


Figure 1. Location of Inland Resources Corporation's Tar Sands Federal Wells #2-28, #3-28, #4-28 and access roads. Taken from USGS 7.5' Quadrangle Myton SE, Utah (1964).

## ENVIRONMENT

The project area lies on the lower benches of southern Pleasant Valley approximately 7.5 miles south of Myton. The elevation of the project area ranges from approximately 5190 to 5240 feet a.s.l. Sediments consist of tan to light brown silty loam. Natural vegetation in the survey area consists of shadscale community species including prickly pear cactus, sagebrush, ricegrass, spiny hopsage, greasewood and riddle groundsel. However, the natural vegetation has been cleared at two of the well locations (#2-28 and #3-28) and the area plowed and cultivated. There are no permanent natural water sources in the immediate project area. However, the Pleasant Valley Canal System supplied water to the region during the historic period. Many seasonally flowing drainages and washes are present in the general vicinity. These seasonal water sources were likely the primary sources of water in this area prior to the development of the canal system. Natural disturbance consists of sheetwash and aeolian erosion. Cultural disturbance includes plowing and cultivation of the landscape, grazing, existing well pad locations and access roads.

## METHODOLOGY

The project area consists of three 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 existing roadways. 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 966 m (3168 ft) in length, were each 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 well pads and access roads) totaled 150,948 m<sup>2</sup> (37.3 acres)

## RESULTS

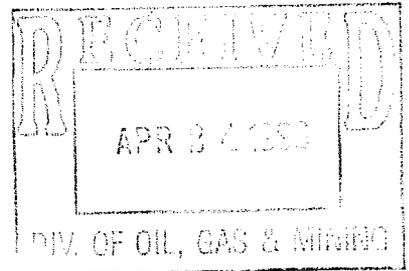
No cultural resources sites nor paleontological localities were found as a result of this inventory. Two of the three well locations were situated in leveled, plowed agricultural fields. There was no evidence of cultural nor paleontological material in the plowed soils.

## RECOMMENDATIONS

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

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

**TAR SANDS FEDERAL #2-28  
NW/NW SECTION 30, T8S, R17E  
DUCHESNE COUNTY, UTAH  
U-74870**



**HAZARDOUS MATERIAL DECLARATION**

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

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

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

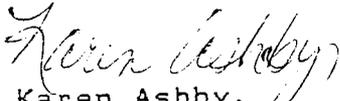
February 16, 1996

TO WHOM IT MAY CONCERN:

Inland Production Company has purchased a 3 inch water connection with Johnson Water District to supply 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 Sand Federal 3-28, 2-28, and 4-28.

Sincerely,

  
Karen Ashby,  
Secretary

INLAND PRODUCTION COMPANY  
TAR SANDS FEDERAL #2-28  
NW/NE SECTION 28, 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' - 3500'
Green River	3500'
Wasatch	6500'

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

Green River Formation 3500' - 6500' - & Oil

4. PROPOSED CASING PROGRAM

5.5" 8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)  
~~2 7/8~~ J-55, 15.5# w/ LT&C collars/ set at TD (New)

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

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

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the well be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3500' ± 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. 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 @ 8.4 ppg, 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, Compensated Neutron-Formation Density Log. Logs will run from TD to 3500'. The cement bond log will be run from PBTD to cement top. The use of mud loggers to be determined at a later date.

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

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

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence in June, 1996 and take approximately seven days to drill.

**INLAND PRODUCTION COMPANY  
TAR SANDS FEDERAL #2-28  
NW/NE SECTION 28, 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 #2-28 located in the NW 1/4 NE 1/4 Section 28, T8S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 6.8 miles to its junction with an existing dirt road to the east, proceed easterly along this road 2.5 miles to the beginning of an existing dirt road to the south; proceed southerly .3 miles 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 SW1/4 SE 1/4 Section 21, T8S, R17E, S.L.B., and proceeds in a southeasterly direction approximately 1980' 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 whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

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

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

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

3. LOCATION OF EXISTING WELLS

There are eight (8) producing, one (1) shut in, Inland Production wells, and one (1) producing Balcron 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 placed on a per Sundry Notice if the well is completed as a producer.

5. LOCATION AND TYPE OF WATER SUPPLY

At the present time, it is anticipated that the water for this well will be trucked from our pre-approved Inland Production Company water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E) location as indicated on Topographic Map - Exhibit C".

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

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

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

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 will be constructed from native soil and clay materials. However, in a departure from conventional oilfield practice, the volume and duration of fluid occupying this pit will be minimal. By applying currently available technology, 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. Furthermore, all drilling fluids will be fresh water based, 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.

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 supply, 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 north side between stakes 4 & 5.

No flare pit will be used at this location.

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

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

**Fencing Requirements**

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

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

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

**10. PLANS FOR RESTORATION OF SURFACE**

a) *Producing Location*

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

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

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Surface Owner.

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 - Arvil A. Harris**

12. **OTHER ADDITIONAL INFORMATION**

The Cultural Resource Survey has been waived by the Surface Owner.

*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.

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 #2-28 NW/NE Section 28, 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.

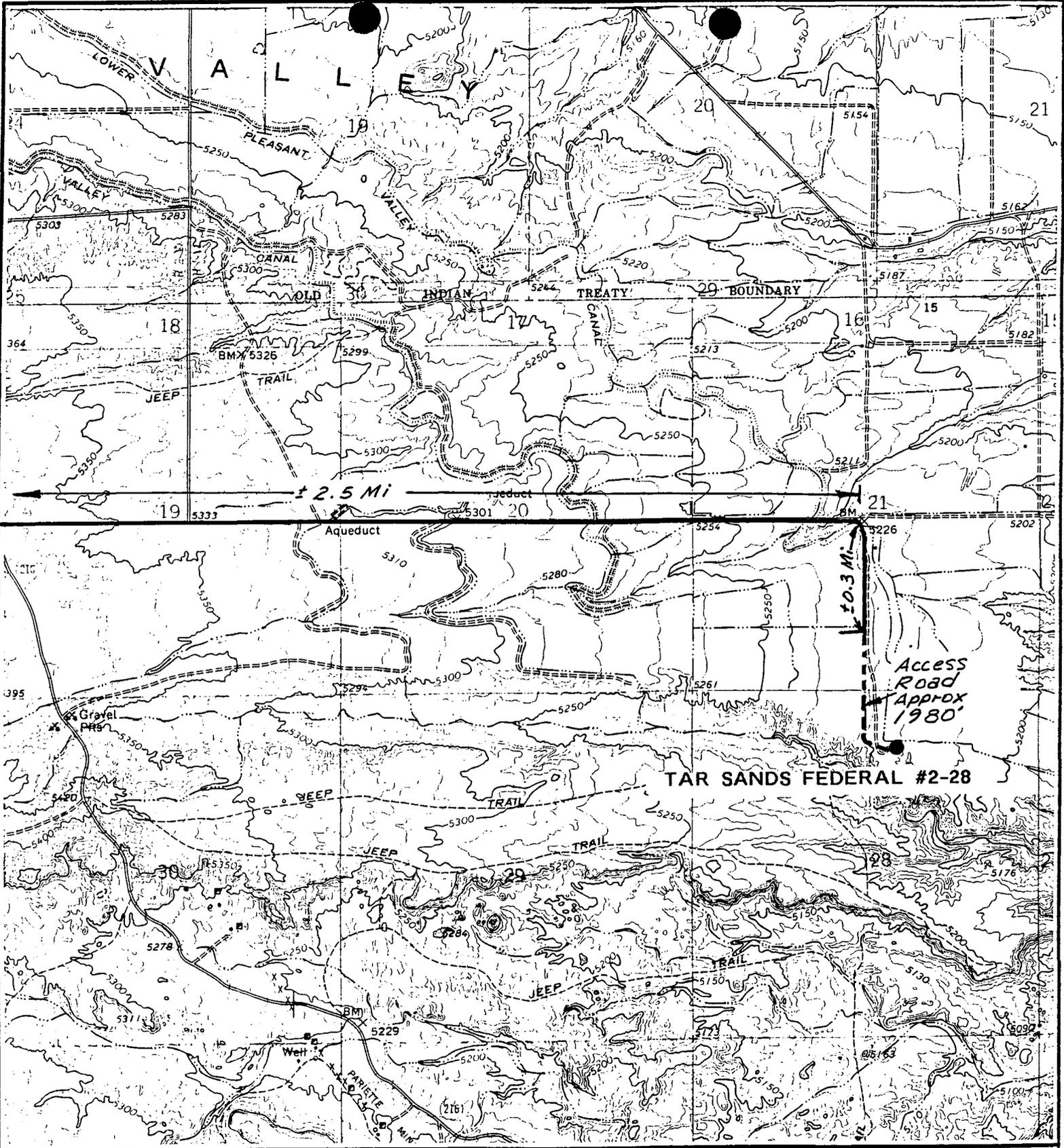
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with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

4-19-96

Date



Brad Mecham  
Operations Manager



TAR SANDS FEDERAL #2-28

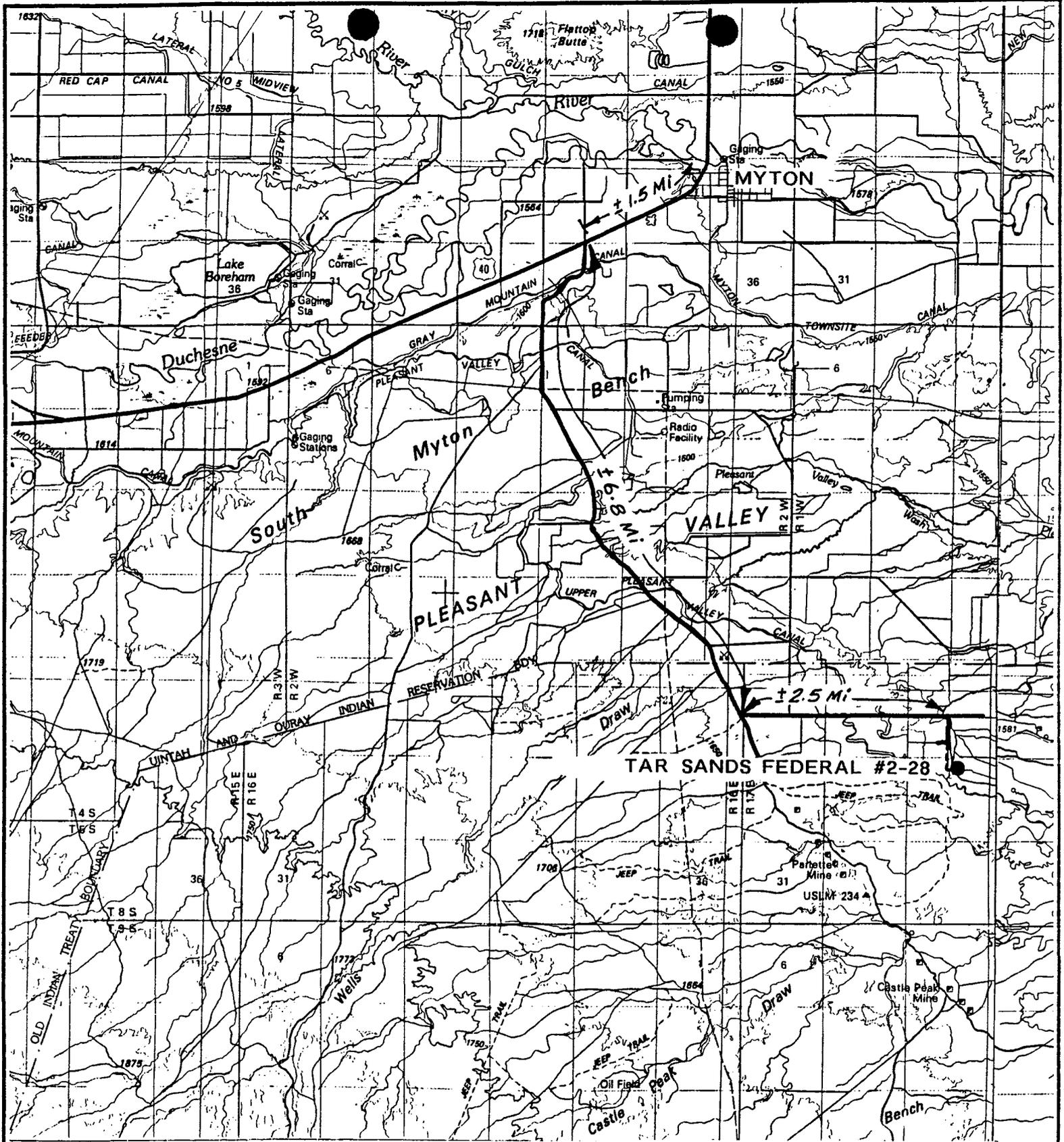
TOPOGRAPHIC  
MAP "B"  
SCALE: 1" = 2000'



**INLAND PRODUCTION COMPANY**

TAR SANDS FEDERAL #2-28  
SECTION 28, T8S, R17E, S.L.B.&M.

16 Apr '96 84-121-061



TOPOGRAPHIC  
MAP "A"



**INLAND PRODUCTION COMPANY**

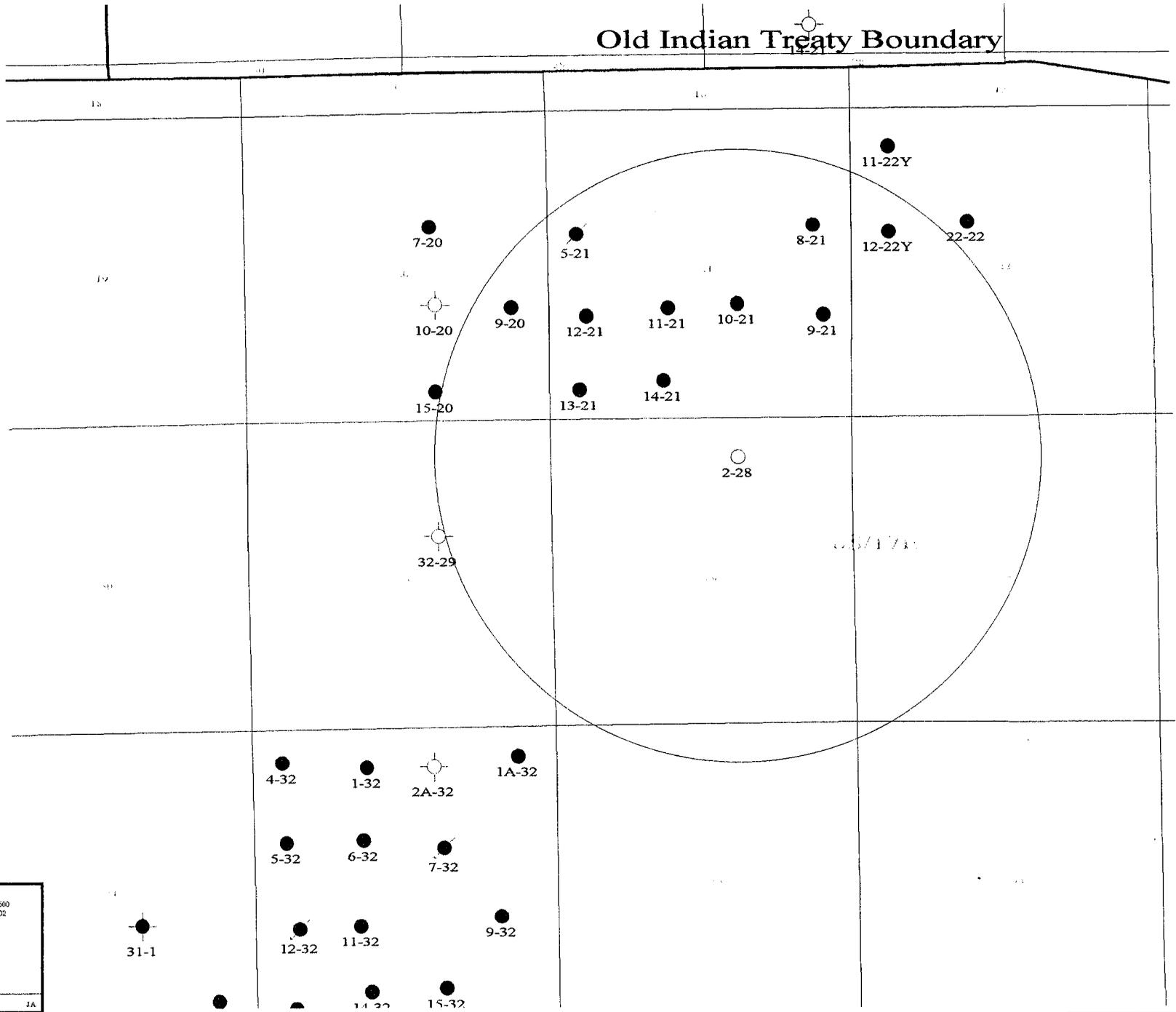
TAR SANDS FEDERAL #2-28  
SECTION 28, T8S, R17E, S.L.B.&M.

16 Apr '96

84-121-061

EXHIBIT "D"

Old Indian Treaty Boundary



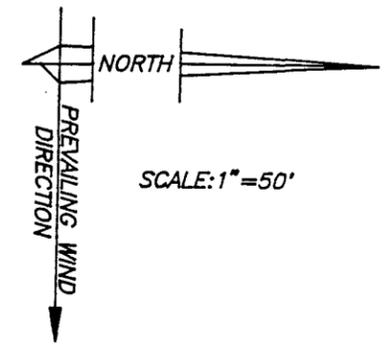
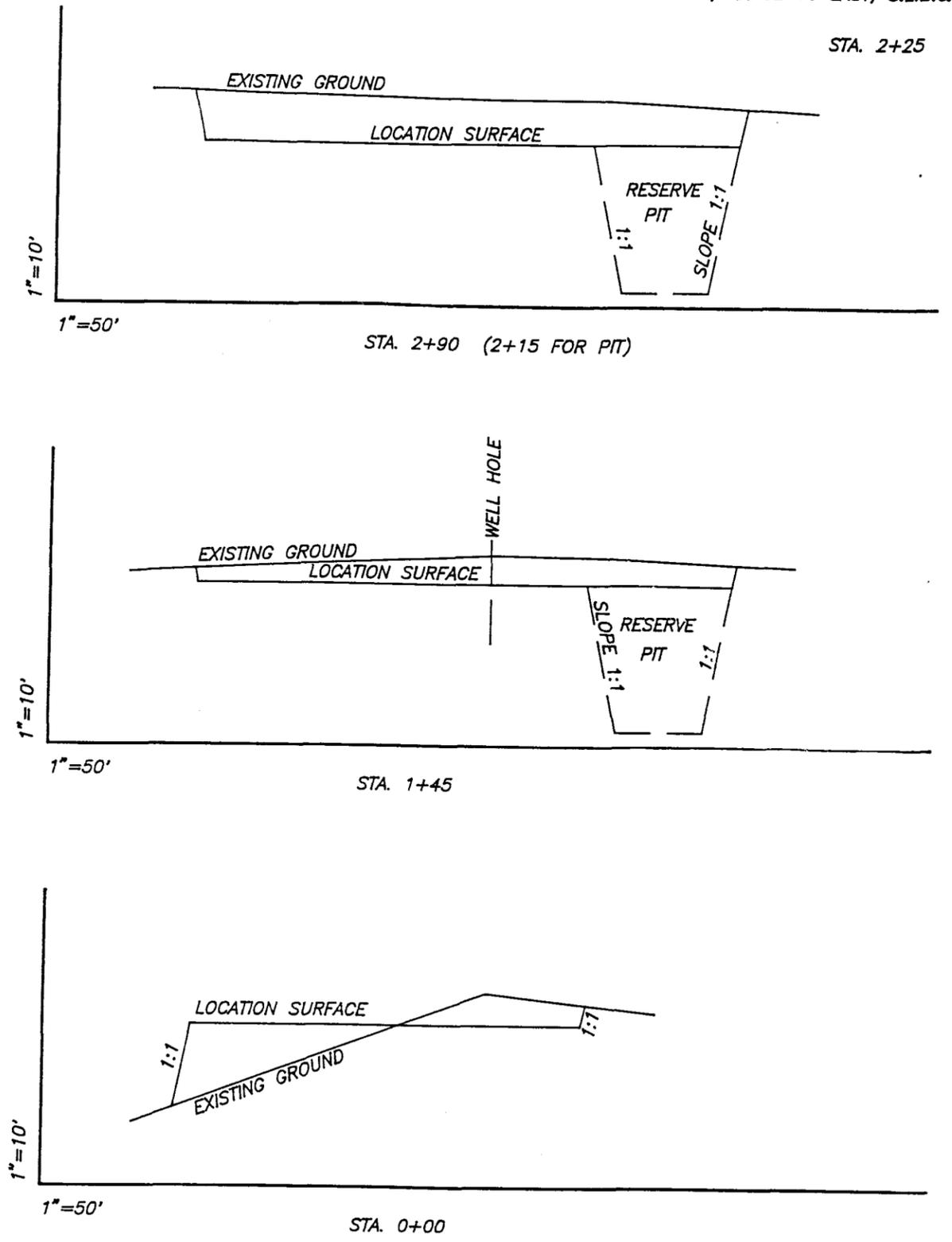
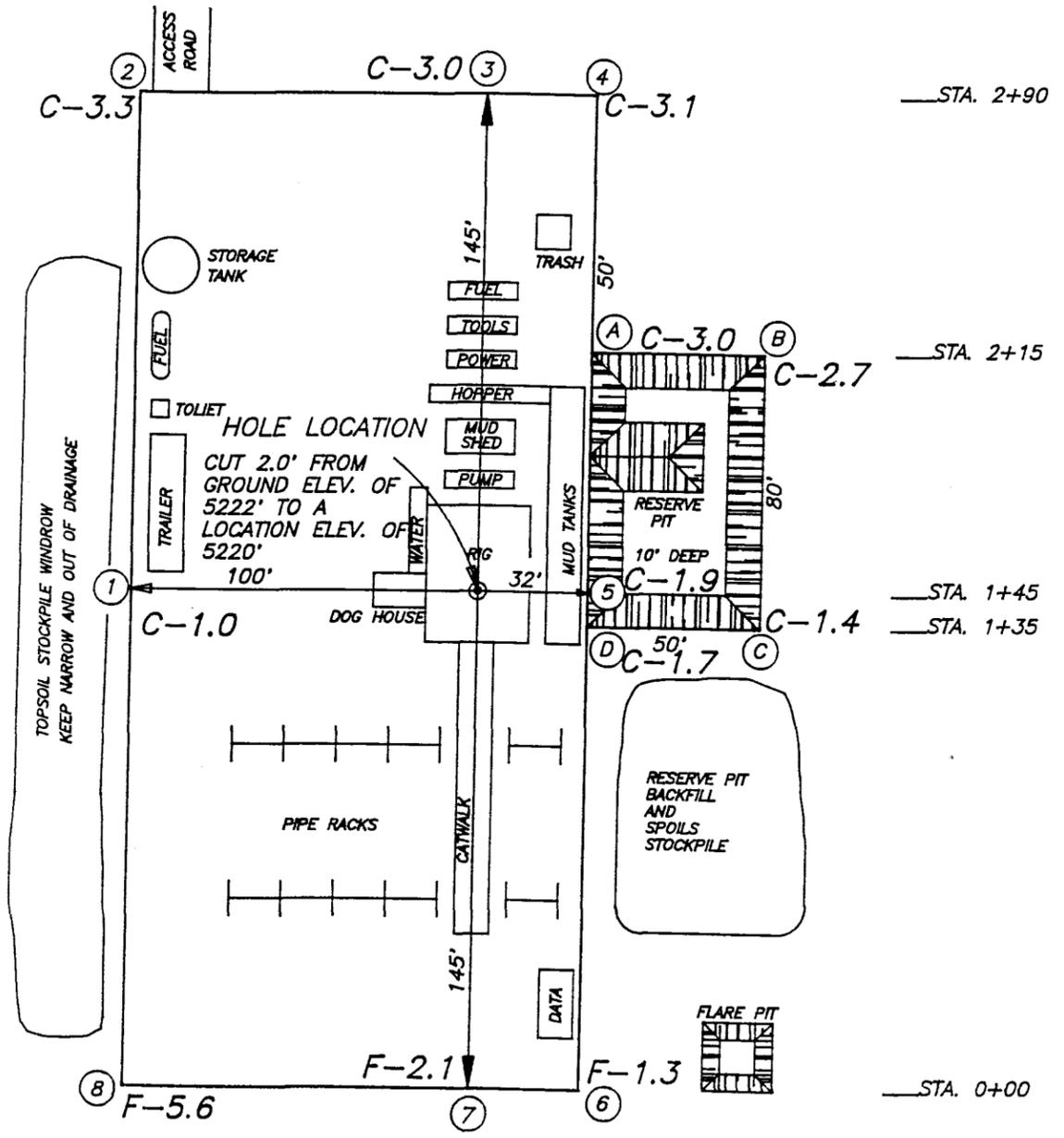
**Inland**  
RESOURCES INC.  
475 17<sup>th</sup> Street Suite 1300  
Denver, Colorado 80202  
Phone (303) 292-0900

Tar Sands Federal #2-28  
One Mile Radius  
Duchesne County, Utah

Date: 3/27/06 JA

# INLAND PRODUCTION CO. WELL LAYOUT PLAT TAR SANDS FEDERAL #2-28

LOCATED IN THE SW1/4 OF THE NW1/4 OF SECTION 25,  
TOWNSHIP 8 SOUTH, RANGE 16 EAST, S.L.B.&M.



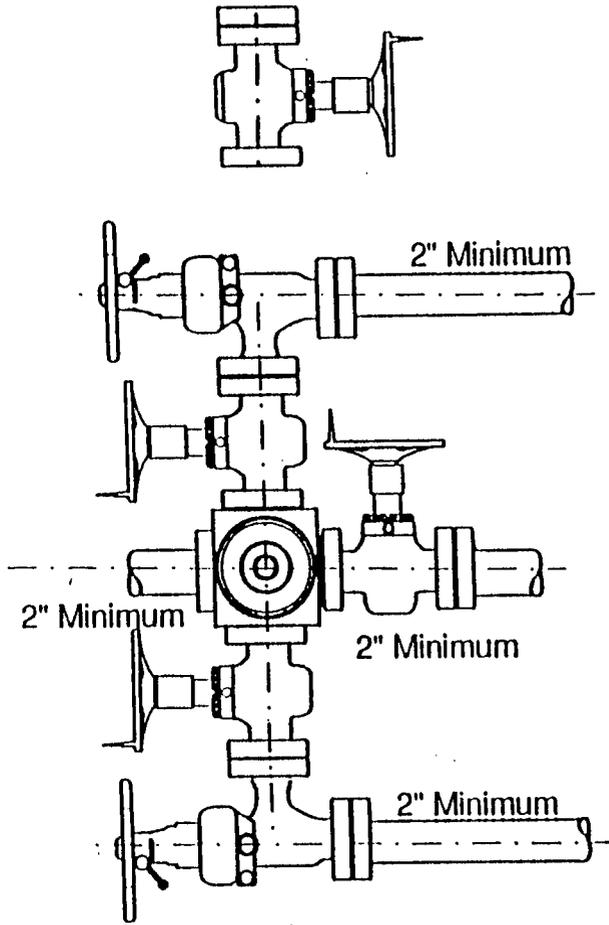
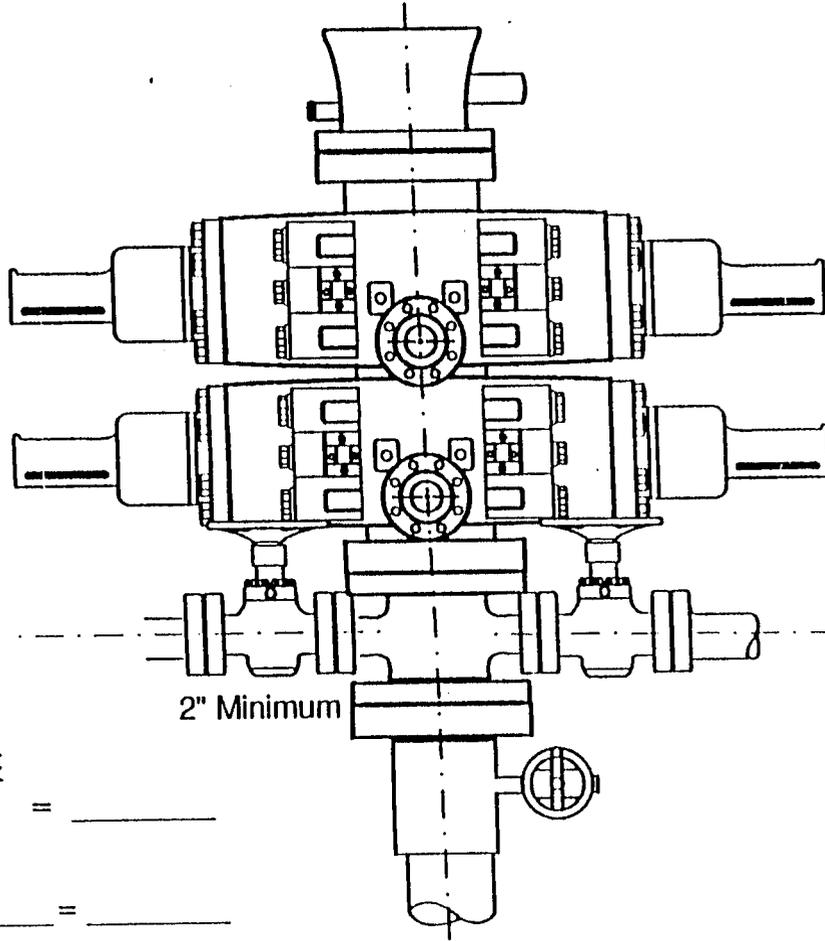
APPROXIMATE QUANTITIES  
CUT: 3300 CU. YDS. (INCLUDES PIT)  
FILL: 2000 CU. YDS.

	<b>JERRY D. ALLRED AND ASSOCIATES</b> Surveying and Engineering Consultants
	121 NORTH CENTER STREET P.O. BOX 975 DUCHESNE, UTAH 84021 (801) 738-5352

# 2-M SYSTEM

EXHIBIT F

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



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

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

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/24/96

API NO. ASSIGNED: 43-013-31642

WELL NAME: TAR SANDS FEDERAL 2-28  
 OPERATOR: INLAND PRODUCTION COMAPNY (N5160)

PROPOSED LOCATION:  
 NWNE 28 - T08S - R17E  
 SURFACE: 0858-FNL-2178-FEL  
 BOTTOM: 0858-FNL-2178-FEL  
 DUCHESNE COUNTY  
 UNDESIGNATED FIELD (002)

LEASE TYPE: FED  
 LEASE NUMBER: U - 74870

PROPOSED PRODUCING FORMATION: GRRV

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

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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

<b>Operator: INLAND PRODUCTION CO</b>	<b>Well Name: TAR SANDS FED 2-28</b>
<b>Project ID: 43-013-31642</b>	<b>Location: SEC. 28 - T08S - R17E</b>

Design Parameters:

Mud weight ( 8.40 ppg) : 0.436 psi/ft  
 Shut in surface pressure : 2312 psi  
 Internal gradient (burst) : 0.081 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)

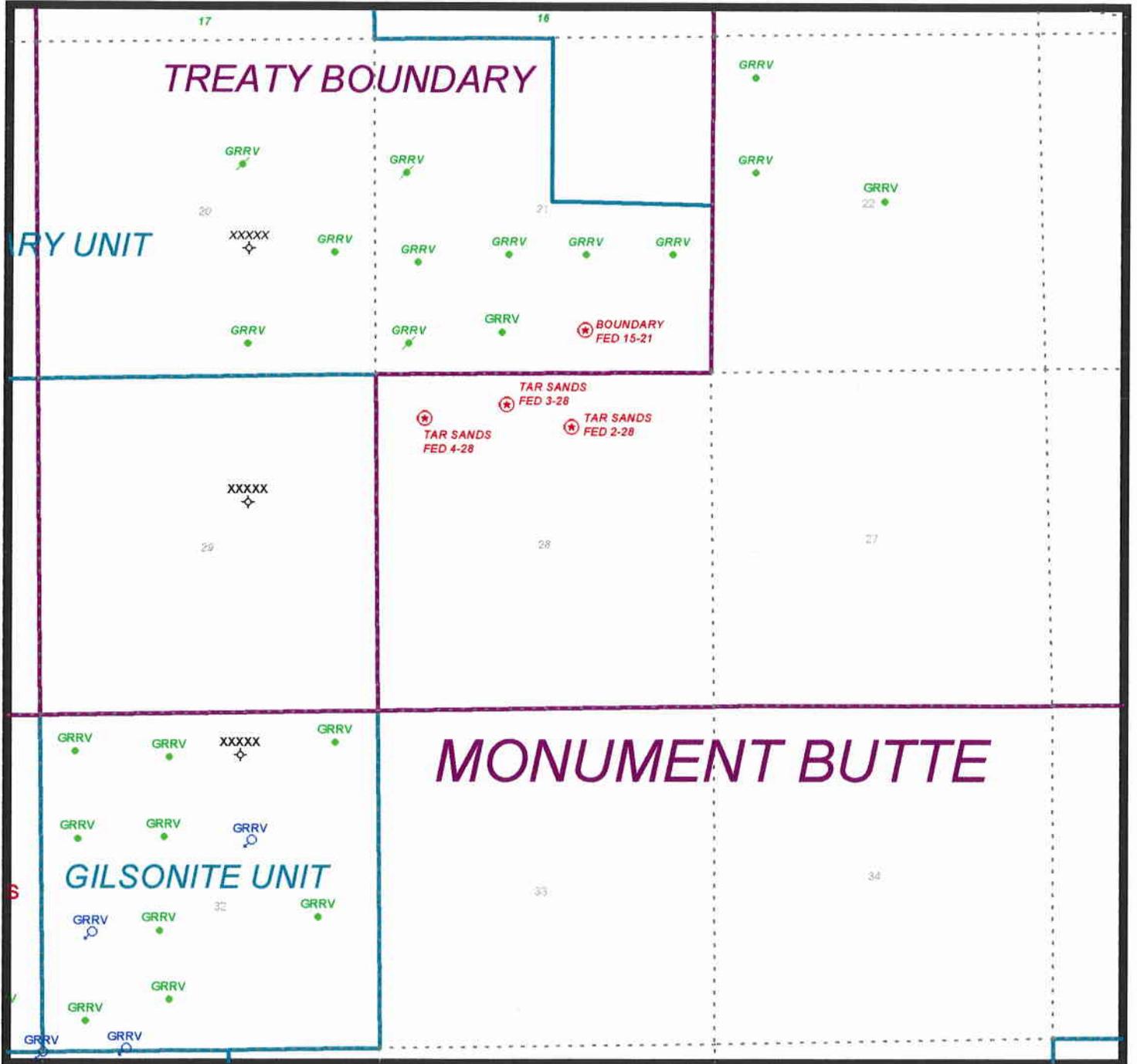
Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	6,500	5.500	15.50	J-55	LT&C	6,500	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2836	4040	1.425	2836	4810	1.70	100.75	217	2.15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

Prepared by : MATTHEWS, Salt Lake City, Utah  
 Date : 05-07-1996  
 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)

# INLAND PRODUCTION COMPANY WATERFLOOD DEVELOPMENT SEC. 28, T8S, R17E, DUCHESNE, COUNTY R649-3-2 & R649-3-3



**PREPARED:**  
**DATE: 1-MAY-96**



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 7, 1996

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

Re: Tar Sands Federal 2-28 Well, 858' FNL, 2178' FEL, NW NE,  
Sec. 28, 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 43-013-31642.

Sincerely,

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

R. J. Firth  
Associate Director

lwp

Enclosures

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

WAPD



Operator: Inland Production Company  
Well Name & Number: Tar Sands Federal 2-28  
API Number: 43-013-31642  
Lease: U-74870  
Location: NW NE Sec. 28 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.

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/NE 858' FNL & 2178' FEL  
 At proposed prod. zone

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit lne, if any)  
 858'

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.  
 1052'

19. PROPOSED DEPTH  
 6500'

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5202' GR

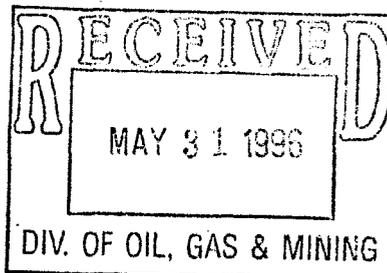
22. APPROX. DATE WORK WILL START\*  
 2nd quarter 1996

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.

The location of the proposed well is due to the request of the landowner.



RECEIVED  
APR 24 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 TITLE Operations Manager DATE 4/4/96

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 ASSISTANT DISTRICT MANAGER  
 APPROVED BY [Signature] TITLE \_\_\_\_\_ DATE MAY 24 1996  
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

47080-6M-104

\*See Instructions On Reverse Side

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Fed. 2-28

API Number: 43-013-31642

Lease Number: U-74870

Location: NWNE Sec. 28 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 to the field representative by the operator to insure compliance.

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

### A. DRILLING PROGRAM

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

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

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

#### 2. Pressure Control Equipment

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

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

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

3. Casing Program and Auxiliary Equipment

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

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water Zone, identified at  $\pm$  337 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

A cement bond log (CBL) will be run from the production casing shoe to **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.

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

Wayne Bankert           (801) 789-4170  
Petroleum Engineer

Ed Forsman             (801) 789-7077  
Petroleum Engineer

Jerry Kenczka          (801) 789-1190  
Petroleum Engineer

BLM FAX Machine      (801) 781-4410

### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

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

**CONDITIONS OF APPROVAL**  
**FOR THE SURFACE USE PROGRAM OF THE**  
**APPLICATION FOR PERMIT TO DRILL**

-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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION

Well Name: TAR SAND FEDERAL 2-28

Api No. 43-013-31642

Section 28 Township 8S Range 17E County DUCHESNE

Drilling Contractor

Rig #:

SPUDDED:

Date: 6/14/96

Time: 10:00 AM

How: DRY SPUD

Drilling will commence:

Reported by: D. INGRAM-DOGM

Telephone #:

Date: 6/24/96 Signed: JLT

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

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

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11937	43-013-31642	Tar Sands Federal #2-28	NWNE	28	8S	17E	Duchesne	6/14/96	6/14/96
WELL 1 COMMENTS: <i>Entity added 6-25-96. LC</i>											
A	99999	11938	43-013-31641	Tar Sands Federal #4-28	NWNE	28	8S	17E	Duchesne	6/18/96	6/18/96
WELL 2 COMMENTS: <i>Entity added 6-25-96. LC</i>											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
  - Q - Add new well to existing entity (group or unit well)
  - R - 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 COMMENTS section to explain why each action code was selected.

*Cole Brown for Cheryl Cameron*  
 Signature Cheryl Cameron  
 Regulatory Compliance Specialist 6/19/96  
 Title \_\_\_\_\_ Date  
 Phone No. 801-722-5193



*June 19, 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: Tar Sands Federal #2-28  
NW/NE Sec. 28, T8S, R17E  
Duchesne County, Utah**

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

BTS  
7-1-94

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**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/NE 858' FNL & 2178' FEL  
 Sec. 28, 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 Federal #2-28**

9. API Well No.  
**43-013-31642**

10. Field and Pool, or Exploratory Area

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

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

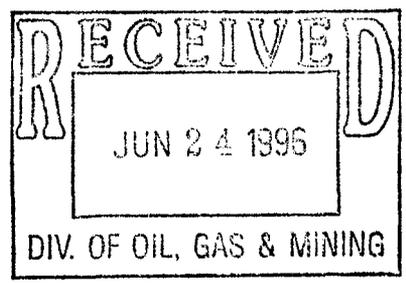
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> 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 term)

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

Drilled 12 1/4" hole w/ Leon Ross Rathole Rig to 303'. Set 288.86(GL) of 8 5/8" 24# J-55 csg. Cmt w/ 120 sx prem + w/ 2% Gel & 2% CC + 1/4# /sk flocele.

SPUD 6/14/96



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

Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 6/17/96

(This space for Federal or State office use)

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

Conditions of approval, if any:

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

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 #2-28**

9. API Well No.

**43-013-31642**

10. Field and Pool, or Expiatory 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/NE 858' FNL & 2178' FEL  
Sec. 28, T8S, R17E**

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

TYPE OF SUBMISSION

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

TYPE OF ACTION

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

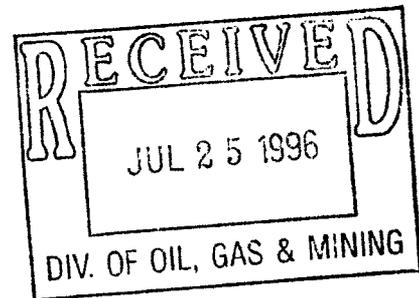
Change of Plans  
 New Construction  
 Non-Routine Fracturing  
 Water Shut-Off  
 Conversion to Injection  
 Dispose Water

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

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

**WEEKLY STATUS REPORT FOR WEEK OF 6/15/96 - 7/19/96:**

Drilled 7 7/8" hole from 303'-6380' w/ Kenting Apollo, Rig #56. Run 6380.02' of 15.5# J-55 csg. Cmt w/ 280 sx prem + Hifill & 370 sx Thixo w/ 10% Calseal.



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

Signed Cheryl Cameron

Title Regulatory Compliance Specialist Date 7/22/96

(This space for Federal or State office use)

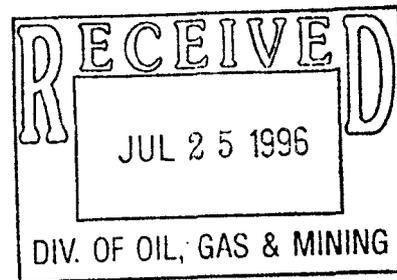
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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

\*See Instruction on Reverse Side



July 23, 1996



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

**ATTENTION: Ed Forsman**

Re: ✓ *Injection  
same to  
10-21* Boundary Federal #11-21  
NE/SW Sec. 21, T8S, R17E

✓ Boundary Federal #13-21  
SW/SW Sec. 21, T8S, R17E

✓ Monument Butte Federal NE #4-25  
NW/NW Sec. 25, T8S, R16E

✓ Tar Sands Federal #2-28  
NW/NE Sec. 28, 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; spud notification on the Travis well, weekly status on the Monument Butte and Tar Sands wells, production on the Boundary #13-21 and injection on the Boundary #11-21. 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

**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 Co.**

3. Address and Telephone No.

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

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

**NW/NE    858' FNL & 2178' FEL  
Sec. 28, 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 Federal #2-28**

9. API Well No.

**43-013-31642**

10. Field and Pool, or Exploratory Area

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

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

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

**WEEKLY STATUS REPORT FOR WEEK OF 10/7/96 - 10/19/96:**

**Perf K sd 3282'-3308'**

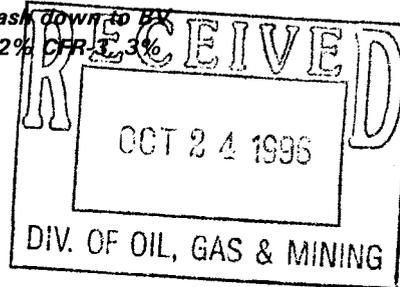
**Squeeze K sd perfs @ 3282'-3308' w/ 30 sx 9# cmt & 30 sx 15.6 ppg @**

**1.18 ft/sk prem cmt w/ additives. Drill out cmt to 3349' & wash down to BX plug @ 3369'. Re-squeeze K sd perfs w/ 50 sx prem cmt w/ 2% CFR-3, 3%**

**Halad-344, 3% KCL @ 16.1 ppg w/ 1.1 yield.**

**Perf CP-5 SD @ 6202'-6207' &**

**CP-7 SD @ 6310'-6318'**



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

Signed

*Cheryl Cameron*  
**Cheryl Cameron**

Title

**Regulatory Compliance Specialist**

Date

**10/22/96**

(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

1. Type of Well

Oil Well Gas well Other

2. Name of Operator

Inland Production Co.

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 (801) 789-1866

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

NW/NE 858' FNL & 2178' FEL Sec. 28, 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 Federal #2-28

9. API Well No.

43-013-31642

10. Field and Pool, or Exploratory Area

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

Notice of Intent Subsequent Report Final Abandonment Notice

Abandonment Recompletion Plugging Back Casing repair Altering Casing Other Weekly Status

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

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

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

WEEKLY STATUS REPORT FOR WEEK OF 10/22/96 - 10/30/96:

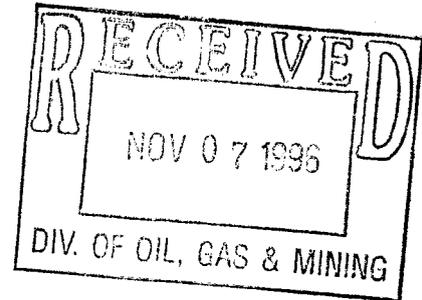
Perf CP-1 sd @ 5993'-5997'

Perf CP-2 sd 6017'-6036'

Perf CP-3 sd 6076'-6084'

RIH w/ Production String

ON PRODUCTION 10/30/96



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

Signed

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

10/30/96

(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.

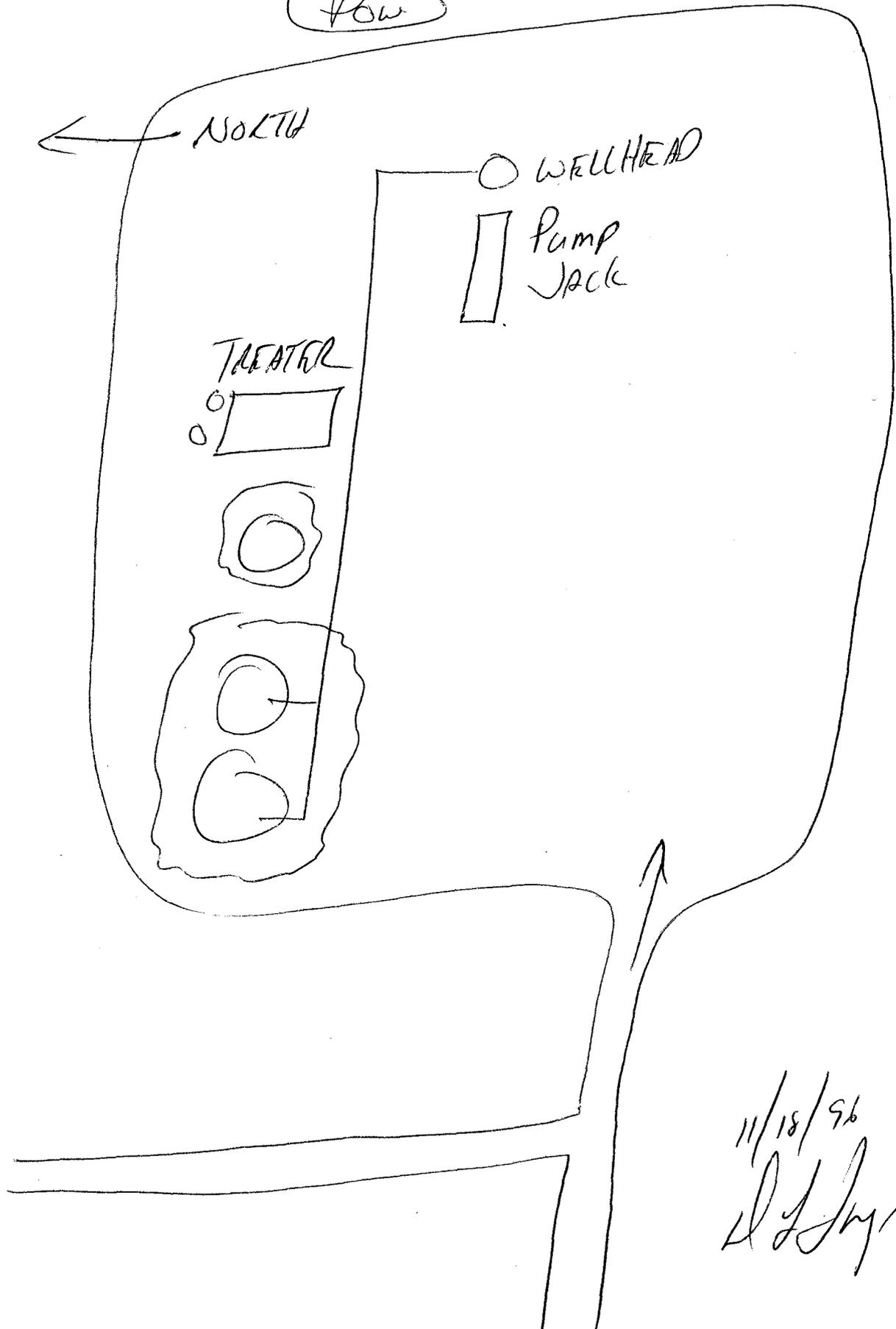
Inland PRODUCTION

TAR SANDS FEDERAL #2-28

SEC 28; T8S; R17E

POW

U-74870  
43-013-31642



11/18/96  
A. J. [Signature]

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

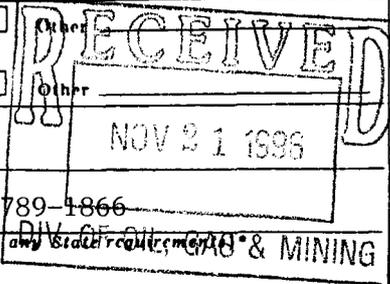
SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

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

**1a. TYPE OF WELL:** OIL WELL  GAS WELL  DRY   
**b. TYPE OF COMPLETION:** NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RENVR.



**2. NAME OF OPERATOR:** Inland Production Company  
**3. ADDRESS AND TELEPHONE NO.:** P.O. Box 790233 Vernal UT 84079 (801) 789-1866  
**4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations):**  
 At surface NW/NE 858' FNL & 2178' FEL  
 At top prod. interval reported below  
 At total depth

**5. LEASE DESIGNATION AND SERIAL NO.:** U-74870  
**6. IF INDIAN, ALLOTTEE OR TRIBE NAME:**  
**7. UNIT AGREEMENT NAME:**  
**8. FARM OR LEASE NAME, WELL NO.:** Tar Sands Federal#2-28  
**9. APIWELLNO.:** 43-013-31642  
**10. FIELD AND POOL, OR WILDCAT:** Monument Butte  
**11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA:** Sec.28, T8S, R17E

**14. PERMIT NO.:** UT080-6M-104 **DATE ISSUED:** 5/7/96  
**12. COUNTY OR PARISH:** Duchesne **13. STATE:** UT

**15. DATE SPUDDED:** 6/14/96 **16. DATE T.D. REACHED:** 7/17/96 **17. DATE COMPL. (Ready to prod.):** 10/30/96  
**18. ELEVATIONS (DP, RKB, RT, GR, ETC.):\*** 5222' GL **19. ELEV. CASINGHEAD:** --

**20. TOTAL DEPTH, MD & TVD:** 6380' **21. PLUG, BACK T.D., MD & TVD:** 6340'  
**22. IF MULTIPLE COMPL., HOW MANY?:** **23. INTERVALS DRILLED BY:** X  
**ROTARY TOOLS:** X **CABLE TOOLS:**

**24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*:** Green River  
 3282'-3308', 6202'-6207', 6310'-6318', 5993'-5997', 6017'-6036', 6076'-6084'  
**25. WAS DIRECTIONAL SURVEY MADE:** No

**26. TYPE ELECTRIC AND OTHER LOGS RUN:** CBL, DLL, CNL 11-21-96  
**27. WAS WELL CORRED:** No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	288.86' GL	12 1/4	120 sx prem + w/ 2% gel, 2% sk flocele	CC + 1/2#
5 1/2	15.5#	6380.02'	7 7/8	280 sx prem + Hifill 370 sx Thixo w/ 10% Calseal	

**29. LINER RECORD**

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

**30. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)

**31. PERFORATION RECORD (Interval, size and number)**  
 K sd 3282'-3308'  
 CP-5 sd 6202'-6207' & CP-7 6310'-6318' &  
 CP-1 5993'-5997'  
 CP-2 6017'-6036', CP-3 6076'-6084'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
see back	

**33. PRODUCTION**

**DATE FIRST PRODUCTION:** 10/30/96 **PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump):** pumping 2 1/2" X 1 1/2" X 12' X 15' RHAC pump **WELL STATUS (Producing or shut-in):** producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10 day avg	11/96	N/A		28	37	4	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**

Regulatory Compliance Specialist

SIGNED: Cheryl Cameron TITLE: Specialist DATE: 11/18/96

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH	
Garden Gulch Mkr	4441'		<p>#32. Perf K sd 3282'-3308' Frac w/ 15,400# 20/40 sd in 88 bbls gel &amp; 30% nitrogen Squeeze perfs @ 3282'-3308' w/ 30 sx 9# cmt 30 sx 15.6 PPG @ 1.18 ft<sup>3</sup>/sk prem w/ add. Drl out cmt to 3349' &amp; wsh dn to BV plug @ 3369'. Pmp into perfs w/ 1.2 bpm @ 1800 psi Resqueeze perfs w/ 50 sx prem cmt w/ 2% CFR-3, 3% Halad-344, 3% KCL @ 16.1 ppg w/ 1.1 sqz to 3000 psi. Perf CP-5 @ 6202'-6207', CP-7 @ 6310'-6318' Frac w/ 81,200# 20/40 sd in 523 bbls delta frac fluid Perf CP-1 @ 5993'-5997' &amp; CP-2 @ 6017'-6036' CP-3 @ 6076'-6084' Frac w/ 33,800# 20/40 sd in 282 bbls delta frac fluid. Placed 33,800# sd into frmtn.</p>				
Point 3 Mkr	4717'						
X Mkr	4947'						
Y Mkr	4982'						
Douglas Ck Mkr	5116'						
Bicarbonate Mkr	5377'						
B Limestone	5549'						
Castle Peak	5971'						
Carbonate	NDE						

*To: Lisa*  
*From: Debbie*  
*all of these are 43-013-*

Inland Resources Inc.  
 Greater Boundary Unit  
 Well List  
 Status as of March 27, 1998

#12391 "Greater Boundary (GPPV) Unit"

Lease Name	Status	Operator	Twp	Rge	Sec	Spot	Accounting No.	API Code
BOUNDARY FEDERAL 7-20307500051INJ	INJ	INLAND	08S	17E	20	7.0	UMBOI001	30750 8407
BOUNDARY FED 11-21	INJ	INLAND	08S	17E	21	11.0	UMBOI002	30752 10630
BOUNDARY FEDERAL 15-21	INJ	INLAND	08S	17E	21	15.0	UMBOI003	31622 11924
<del>BOUNDARY FEDERAL #10-20</del>	<del>P&amp;A</del>	<del>N/A</del>	<del>08S</del>	<del>17E</del>	<del>20</del>	<del>10</del>	<del>#N/A</del>	
<del>TAR SANDS FEDERAL 12-28</del>	<del>P&amp;A</del>	<del>INLAND</del>	<del>08S</del>	<del>17E</del>	<del>28</del>	<del>12.0</del>	<del>#N/A</del>	
<del>TAR SANDS FEDERAL #32-29</del>	<del>P&amp;A</del>	<del>N/A</del>	<del>08S</del>	<del>17E</del>	<del>29</del>	<del>7</del>	<del>#N/A</del>	
BOUNDARY FEDERAL 6-20	PDP	INLAND	08S	17E	20	6.0	UMBOP001	31626 11991
BOUNDARY FEDERAL 8-20	PDP	INLAND	08S	17E	20	8.0	#N/A	31993 12329
BOUNDARY FEDERAL 9-20	PDP	INLAND	08S	17E	20	9.0	UMBOP002	30690 8408
BOUNDARY FEDERAL 15-20	PDP	INLAND	08S	17E	20	15.0	UMBOP003	30667 8409
BOUNDARY 6-21	PDP	INLAND	08S	17E	21	6.0	UMBOP005	31889 1226
BOUNDARY 7-21	PDP	INLAND	08S	17E	21	7.0	UMZPP053	31640 1202
BOUNDARY 8-21	PDP	INLAND	08S	17E	21	8.0	UMZPP052	31557 1185
BOUNDARY FEDERAL 9-21	PDP	INLAND	08S	17E	21	9.0	UMBOP006	31542 11806
BOUNDARY FEDERAL 10-21	PDP	INLAND	08S	17E	21	10.0	UMBOP007	31532 11803
BOUNDARY FEDERAL 12-21	PDP	INLAND	08S	17E	21	12.0	UMBOP008	31440 11709
BOUNDARY FEDERAL 13-21	PDP	INLAND	08S	17E	21	13.0	UMBOW001	30665 2660
BOUNDARY FEDERAL 14-21	PDP	INLAND	08S	17E	21	14.0	UMBOP009	31441 11768
BOUNDARY FEDERAL 16-21	PDP	INLAND	08S	17E	21	16.0	UMBOP010	31627 11934
TAR SANDS FEDERAL 2-28	PDP	INLAND	08S	17E	28	2.0	UMZPP079	11937 31642
TAR SANDS FEDERAL 3-28	PDP	INLAND	08S	17E	28	3.0	UMZPP078	11923 31623
TAR SANDS FEDERAL 4-28	PDP	INLAND	08S	17E	28	4.0	UMZPP080	11938 31641
TAR SANDS FEDERAL 5-28 (1)	PDP	INLAND	08S	17E	28	5.0	UMZPP114	12171 31697
TAR SANDS FED 6-28	PDP	INLAND	08S	17E	28	6.0	UMZPP116	12241 31921
TAR SANDS FED 13-28	PDP	INLAND	08S	17E	28	13.0	UMZPP105	12176 31771
TAR SANDS FEDERAL 1-29	PDP	INLAND	08S	17E	29	1.0	UMZPP115	12168 31743
TAR SANDS FED 8-29	PDP	INLAND	08S	17E	29	8.0	UMZPP117	12242 31922
TAR SANDS FEDERAL 9-29	PDP	INLAND	08S	17E	29	9.0	#N/A	12281 31942
TAR SANDS FEDERAL 12-29	PDP	INLAND	08S	17E	29	12.0	UMZPP113	12261 31924
TAR SANDS FEDERAL 16-29	PDP	INLAND	08S	17E	29	16.0	UMZPP106	12212 31871
TAR SANDS FEDERAL 1-33	PDP	INLAND	08S	17E	33	1.0	UMZPP108	12265 31863
TAR SANDS FEDERAL 2-33	PDP	INLAND	08S	17E	33	2.0	UMZPP107	12271 31867
BOUNDARY FED 5-21	SI	INLAND	08S	17E	21	5.0	UMBOP004	30822 11162
FEDERAL 1-26	SI	INLAND	08S	17E	26	3.0	431162	4304731953 11225

*Thanks for your help*

ENTITY ACTION FORM - FORM 6

ADDRESS \_\_\_\_\_

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12391		**SEE ATTACHED**							5-1-98
WELL 1 COMMENTS: GREATER BOUNDARY (GRRV) UNIT EFF 5-1-98											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION COMES (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.

L. CORDOVA (DOGM)  
Signature  
ENG. TECH Title  
6-26-98 Date  
Phone No. ( ) \_\_\_\_\_

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  
**GREATER BOUNDARY**

8. Well Name and No.  
**TAR SANDS FEDERAL 2-28**

9. API Well No.  
**43-013-31642**

10. Field and Pool, or Exploratory Area  
**UNDESIGNATED**

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)  
**0858 FNL 2178 FEL                      NW/NE Section 28, T08S R17E**

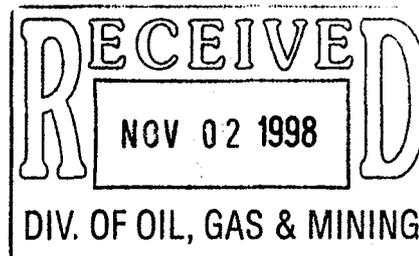
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
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<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**

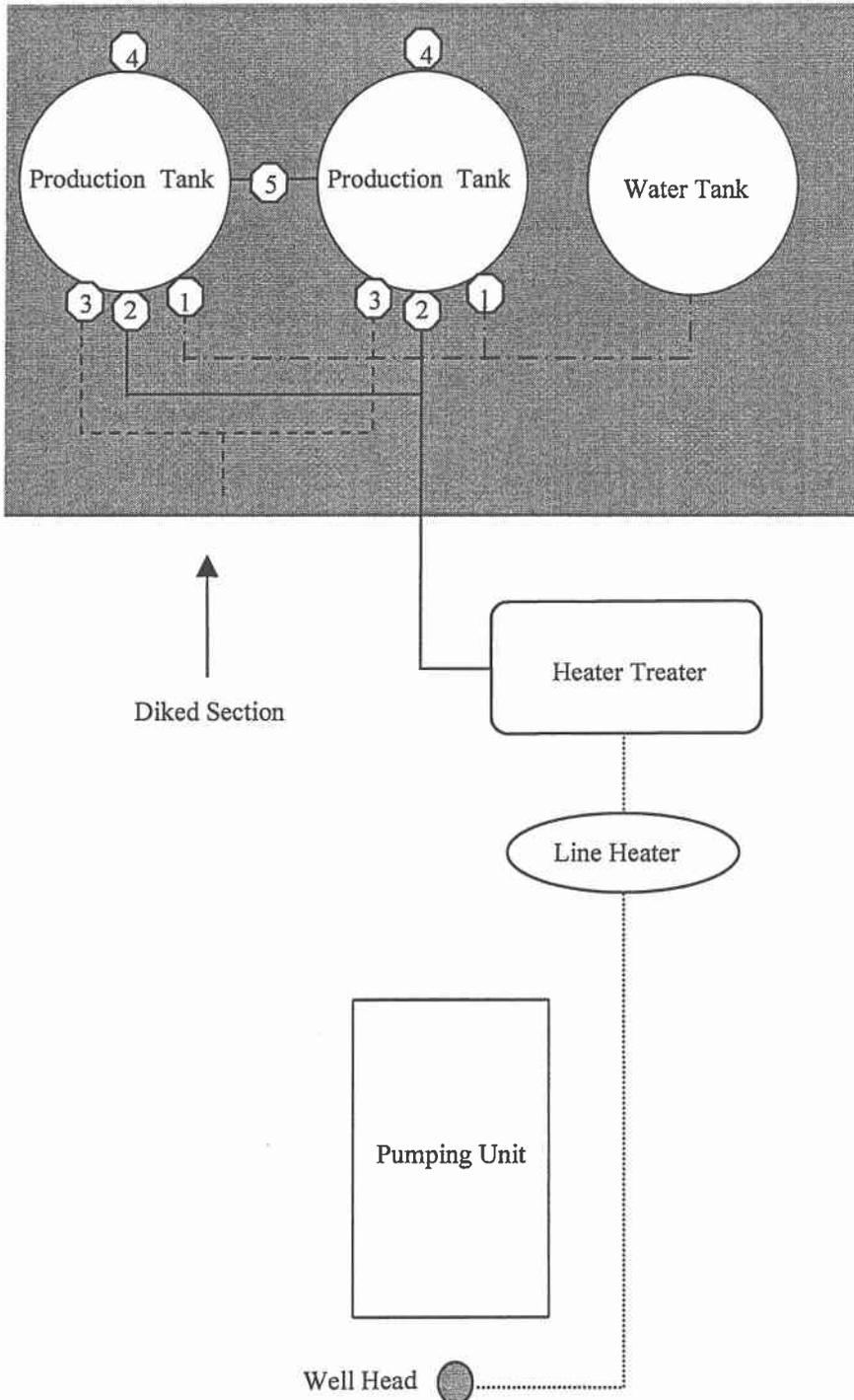
# Inland Production Company Site Facility Diagram

Tar Sands 2-28

NW/NE Sec. 28, T8S, 17E

Duchesne County

Sept. 17, 1998



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

### Production Phase:

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

### Sales Phase:

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

### Draining Phase:

- 1) Valve 1 open

### Legend

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

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

Corporations Section  
P.O.Box 13697  
Austin, Texas 78711-3697



Geoffrey S. Connor  
Secretary of State

## 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



# 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

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

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

**9/1/2004**

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

**CA No.**

**Unit:**

**GREATER BOUNDARY (GR)**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BOUNDARY FED 15-20	20	080S	170E	4301330667	12391	Federal	WI	A
BOUNDARY FED 9-20	20	080S	170E	4301330690	12391	Federal	WI	A
BOUNDARY FED 7-20	20	080S	170E	4301330750	12391	Federal	WI	A
BOUNDARY FED 6-20	20	080S	170E	4301331626	12391	Federal	OW	S
BOUNDARY FED 13-21	21	080S	170E	4301330665	12391	Federal	WI	A
BOUNDARY FED 11-21	21	080S	170E	4301330752	12391	Federal	WI	A
BOUNDARY FED 5-21	21	080S	170E	4301330822	12391	Federal	WI	A
BOUNDARY FED 12-21	21	080S	170E	4301331440	12391	Federal	OW	S
BOUNDARY FED 14-21	21	080S	170E	4301331441	12391	Federal	OW	P
BOUNDARY FED 10-21	21	080S	170E	4301331532	12391	Federal	OW	P
BOUNDARY FED 9-21	21	080S	170E	4301331542	12391	Federal	WI	A
BOUNDARY 8-21	21	080S	170E	4301331557	12391	Fee	OW	P
BOUNDARY FED 15-21	21	080S	170E	4301331622	12391	Federal	WI	A
BOUNDARY FED 16-21	21	080S	170E	4301331627	12391	Federal	OW	P
BOUNDARY 7-21	21	080S	170E	4301331640	12391	Fee	WI	A
TAR SANDS FED 3-28	28	080S	170E	4301331623	12391	Federal	WI	A
TAR SANDS FED 4-28	28	080S	170E	4301331641	12391	Federal	OW	P
TAR SANDS FED 2-28	28	080S	170E	4301331642	12391	Federal	OW	S
TAR SANDS FED 5-28 (I)	28	080S	170E	4301331697	12391	Federal	WI	A
GB FED 7-29R-8-17	29	080S	170E	4301330435		Federal	D	PA

**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 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:**

- Changes entered in the **Oil and Gas Database** on: 2/28/2005
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
- Bond information entered in RBDMS on: 2/28/2005
- Fee/State wells attached to bond in RBDMS on: 2/28/2005
- Injection Projects to new operator in RBDMS on: 2/28/2005
- 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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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

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

1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
 NEWFIELD PRODUCTION COMPANY

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

3b. Phone   (include are code)  
 435.646.3721

4. Location of Well   (Footage, Sec., T., R., M., or Survey Description)  
 858 FNL 2178 FEL  
 NWNE Section 28 T8S R17E

5. Lease Serial No.  
 USA UTU-74870

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
 GREATER BOUNDARY II

8. Well Name and No.  
 TAR SANDS FED 2-28

9. API Well No.  
 4301331642

10. Field and Pool, or Exploratory Area  
 MONUMENT BUTTE

11. County or Parish, State  
 DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE 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 checked="" type="checkbox"/> Temporarily Abandon	_____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate 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 recompleation 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.)

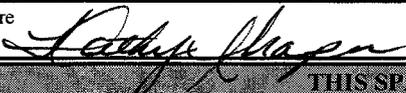
Newfield requests a change of status to TA this well. Newfield plans to Re-Complete this well in the near future in the following intervals.  
 D1, D2 & C sands

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
For Record Only

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Kathy Chapman

Signature



Title

Office Manager

Date

01/30/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by .....

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.

Title

Office

Date

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

(Instructions on reverse)

RECEIVED  
FEB 06 2008  
DEPARTMENT OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74870
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> TAR SANDS FED 2-28
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013316420000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0858 FNL 2178 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 28 Township: 08.0S Range: 17.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/12/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 06/11/2013. Initial MIT on the above listed well. On 06/12/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10010</p>		
		<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          July 01, 2013</b>
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 6/13/2013

## 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: 6 / 12 / 13  
 Test conducted by: INAKE LASA  
 Others present: \_\_\_\_\_

Well Name: <u>TAR SANDS FEDERAL 2-28-8-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>GREATER BOUNDARY</u>	API: <u>43-013-31642</u>	<u>UTU 87538X</u> <u>WEL-151528</u>
Location: <u>NW/NE</u> Sec: <u>28 T 8S N/S R 17E/W</u>	County: <u>Duchesne</u>	State: <u>UTAH</u>
Operator: <u>INAKE LASA</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: _____	<u>PSIG</u>

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: 1360 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	1360 psig	psig	psig
5 minutes	1360 psig	psig	psig
10 minutes	1360 psig	psig	psig
15 minutes	1360 psig	psig	psig
20 minutes	1360 psig	psig	psig
25 minutes	1360 psig	psig	psig
30 minutes	1360 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" 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: \_\_\_\_\_



**Daily Activity Report**

Format For Sundry

**TAR SANDS 2-28-8-17****4/1/2013 To 8/30/2013****6/10/2013 Day: 1****Conversion**

WWS #3 on 6/10/2013 - MIRUSU - MIRU, pump 50 bbls down csg, RD pumping unit, unseat pump w/8000 over string wt. Flush rods and tbg w/30bbls reseal pump soft seat, Polish rod 1-4x7/8 pony rod, 92 7/8-4-per, 141 3/4 4-per 6-1 1/2 wt bars and pump. ND wellhead, release TAC and NU BOP's. RU floor and tbg equip. PU and TIH to PB@6335. No new fill LD extra tbg. TOOH breaking and Redoping 163 collars flush w/flush bbls on TOOH. - MIRU, pump 50 bbls down csg, RD pumping unit, unseat pump w/8000 over string wt. Flush rods and tbg w/30bbls reseal pump soft seat, Polish rod 1-4x7/8 pony rod, 92 7/8-4-per, 141 3/4 4-per 6-1 1/2 wt bars and pump. ND wellhead, release TAC and NU BOP's. RU floor and tbg equip. PU and TIH to PB@6335. No new fill LD extra tbg. TOOH breaking and Redoping 163 collars flush w/flush bbls on TOOH. - MIRU, pump 50 bbls down csg, RD pumping unit, unseat pump w/8000 over string wt. Flush rods and tbg w/30bbls reseal pump soft seat, Polish rod 1-4x7/8 pony rod, 92 7/8-4-per, 141 3/4 4-per 6-1 1/2 wt bars and pump. ND wellhead, release TAC and NU BOP's. RU floor and tbg equip. PU and TIH to PB@6335. No new fill LD extra tbg. TOOH breaking and Redoping 163 collars flush w/flush bbls on TOOH. **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$18,515**6/11/2013 Day: 2****Conversion**

WWS #3 on 6/11/2013 - TOOH w/ tbg set pkr - Cont TOOH LD 30 jts and BHA. TIH w RBP, RH, 4x7-3/8 pu pjt. PKR and 108 jts. Set RBP @3368 PUH set PKR @3216 Press up to 1500psi, good test, Bleed down tbg press up csg w/30 bbls test csg to 1500, good test, TOOH ld plug and pkr. PU and TIH w/wl re-entry guide, X-N nipple, x-over, pkr, on-off tool psn and 163 jts pump 10 bbls prod drop sv pump 30 bbls press tbg up to 3000psi. - Cont TOOH LD 30 jts and BHA. TIH w RBP, RH, 4x7-3/8 pu pjt. PKR and 108 jts. Set RBP @3368 PUH set PKR @3216 Press up to 1500psi, good test, Bleed down tbg press up csg w/30 bbls test csg to 1500, good test, TOOH ld plug and pkr. PU and TIH w/wl re-entry guide, X-N nipple, x-over, pkr, on-off tool psn and 163 jts pump 10 bbls prod drop sv pump 30 bbls press tbg up to 3000psi. - Cont TOOH LD 30 jts and BHA. TIH w RBP, RH, 4x7-3/8 pu pjt. PKR and 108 jts. Set RBP @3368 PUH set PKR @3216 Press up to 1500psi, good test, Bleed down tbg press up csg w/30 bbls test csg to 1500, good test, TOOH ld plug and pkr. PU and TIH w/wl re-entry guide, X-N nipple, x-over, pkr, on-off tool psn and 163 jts pump 10 bbls prod drop sv pump 30 bbls press tbg up to 3000psi. **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$25,015**6/12/2013 Day: 3****Conversion**

WWS #3 on 6/12/2013 - set pkr, ready for MIT - CHK pressure on tbg 3000psi, bleed down well. RU SL fish SV ND, BOPS land TBG w/b-1 adaptor flange, pump 50 fresh water and PKR fluid. Set PKR w/15000 tension, land tbg w/ 3k inj tree. Press. Up CSG to 1400 psi w/2bbls. Psn @5092.69, pkr CE @ 5099.91. EOT @5108.98. Good test. - CHK pressure on tbg 3000psi, bleed down well. RU SL fish SV ND, BOPS land TBG w/b-1 adaptor flange, pump 50 fresh water and PKR fluid. Set PKR w/15000 tension, land tbg w/ 3k inj tree. Press. Up CSG to 1400 psi w/2bbls. Psn @5092.69, pkr CE @ 5099.91. EOT @5108.98. Good test. - CHK pressure on tbg 3000psi, bleed down well. RU SL fish SV ND, BOPS land TBG w/b-1 adaptor flange, pump

50 fresh water and PKR fluid. Set PKR w/15000 tension, land tbg w/ 3k inj tree. Press. Up CSG to 1400 psi w/2bbls. Psn @5092.69, pkr CE @ 5099.91. EOT @5108.98. Good test.

**Finalized****Daily Cost:** \$0**Cumulative Cost:** \$30,615

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**6/13/2013 Day: 4****Conversion**

Rigless on 6/13/2013 - Conduct initial MIT - Initial MIT on the above listed well. On 06/12/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10010 - Initial MIT on the above listed well. On 06/12/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10010 - Initial MIT on the above listed well. On 06/12/2013 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10010 **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$62,449

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

Spud Date: 7/12/96  
 Put on Production: 10/30/96  
 GL: 5220' KB: 5233'

# Tar Sands Federal 2-28-8-17

Initial Production: 28 BOPD,  
 37 MCFPD, 4 BWPD

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7jts (290.46')  
 DEPTH LANDED: 288.86'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 120sxs Premium cmt, circ 4 bbls to surf.

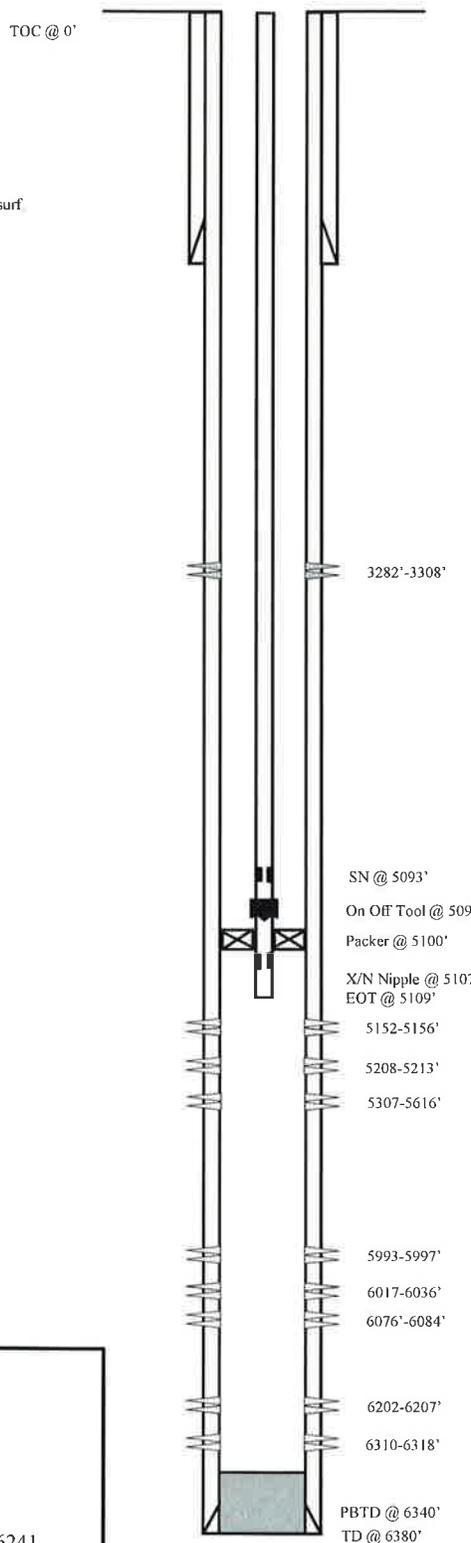
**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 150 jts. (6384.21')  
 DEPTH LANDED: 6380.02' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 280sxs Hyfill & 370sxs Thixotropic  
 CEMENT TOP AT: Surface per CBL 7/22/96

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 163 jts (5079.7')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 5092.7' KB  
 ON/OFF TOOL AT: 5093.8'  
 ARROW #1 PACKER CE AT: 5100'  
 XO 2-3/8 x 2-7/8 J-55 AT: 5102.8'  
 TBG PUP 2-3/8 J-55 AT: 5103.3'  
 X/N NIPPLE AT: 5107.5'  
 TOTAL STRING LENGTH: EOT @ 5108.98'

**Injection Wellbore Diagram**



**FRAC JOB**

**10/8/96 3282'-3308'** **Frac K sand as follows:**  
 15,400# of 20/40 sand in 88 bbls of Boragel + 30% ritogen, Breakdown @ 2975 psi. Treated @ avg rate of 10 bpm w/avg press of 2850 psi ISIP-1946 psi. 5-min 1881 psi. RU flow equip. Flowback after 30 min SI on 8/64" ck for 4 hrs and died.

**10/11/96 3282'-3308'** **Squeeze K perfs as follows:**  
 30 sks 9# cmt and 30 sks 15.6 PPG @ 1.18 ft<sup>3</sup>/sk Premium cmt w/ additives. Starting press when cmt hit perfs @ 1400 psi. Ending press @ 2500 psi. Leave press on csg.

**10/22/96 6202'-6318'** **Frac CP-4 & CP-5 sands as follows:**  
 81,200# of 20/40 sand in 523 bbls of Delta Frac Fluid. Breakdown @ 3860 psi. Treated @ avg rate of 16.5 bpm w/avg press of 3500 psi ISIP-2291 psi, 5-min 2122 psi. Flowback on 12/64" ck for 6 hrs and died.

**10/24/96 5993'-6084'** **Frac CP-1 & CP-2 sands as follows:**  
 33,800# of 20/40 sand in 282 bbls of Delta Frac fluid. Started to screen off, so cut sand @ 6.3 PPG & flushed to perfs. Placed 33,800# sand into formation. Breakdown @ 3750 psi. Treated @ avg rate of 20.8 bpm w/avg press of 3000 psi ISIP-1837 psi. 5-min 1710 psi. Flowback on 12/64" ck for 2-1/2 hrs and died.

**6/24/09 5307-5316'** **Frac C sand as follows:** 25,100# of 20/40 sand in 209 bbls of 17# Borate. Treated @ avg rate of 17.0 bpm w/avg press of 3777 psi.

**6/24/09 5152-5213'** **Frac D1 & D2 sands as follows:**  
 34,136# of 20/40 sand in 283 bbls of 17# Borate. Treated @ avg rate of 17.0 bpm w/avg press of 3641 psi.

6/29/09 **Workover:** Updated r & t details.  
 06/11/13 **Convert to Injection Well**  
 06/12/13 **Conversion MIT Finalized** - update tbg detail

**PERFORATION RECORD**

Date	Interval	Number of Holes	Details
10/7/96	3282'-3308'	2 JSFP	52 holes sq' d 10/96
6/23/09	5152-5156'	3 JSFP	12 holes
6/23/09	5208-5213'	3 JSFP	15 holes
6/23/09	5307-5316'	3 JSFP	27 holes
10/22/96	5993'-5997'	4 JSFP	16 holes
10/22/96	6017'-6036'	4 JSFP	72 holes
10/22/96	6076'-6084'	4 JSFP	32 holes
10/19/96	6202'-6207'	4 JSFP	20 holes
10/19/96	6310'-6318'	4 JSFP	32 holes



**Tar Sands Federal 2-28-8-17**  
 858 FNL 2178 FEL  
 NWNE Section 28-T8S-R17E  
 Duchesne Co, Utah  
 API #43-013-31642; Lease #UTU-76241

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74870
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well		<b>8. WELL NAME and NUMBER:</b> TAR SANDS FED 2-28
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013316420000
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0858 FNL 2178 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 28 Township: 08.0S Range: 17.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/2/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

The above reference well was put on injection at 3:20 PM on  
07/02/2013. EPA # UT22197-10010

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**  
July 31, 2013

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/8/2013	