

UTAH OIL AND GAS CONSERVATION COMMISSION

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

98/202 Comm WIW, eff 3-18-95!

DATE FILED AUGUST 5, 1996

LAND: FEE & PATENTED STATE LEASE NO.

PUBLIC LEASE NO. U-74870

INDIAN

DRILLING APPROVED: JULY 7, 1997

SPUDED IN: 7/18/97

COMPLETED: 9/4/97 PDW PUT TO PRODUCING:

INITIAL PRODUCTION: 147 BBL, 192 MCF, 3 BBL

GRAVITY A.P.I.

GOR: 1.3

PRODUCING ZONES: 5142-5976' ARRY

TOTAL DEPTH: 10300'

WELL ELEVATION: 5240' NR

DATE ABANDONED:

FIELD: UNDESIGNATED

UNIT:

COUNTY: DUCHESNE

WELL NO. TAR SANDS FEDERAL 5-28 (I)

API NO. 43-013-31697

LOCATION 1980 FNL

FT. FROM (N) (S) LINE.

660 FWL

FT. FROM (E) (W) LINE.

SW NW

1/4 - 1/4 SEC. 28

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

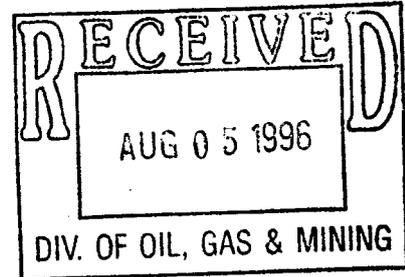
QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ourray
Green River	Frontier	Phosphoria	Elbert
<i>garden gulch</i>	<i>4390</i>	Park City	McCracken
<i>point 3</i>	<i>467</i>	Rico (Goodridge)	Aneth
<i>X marker</i>	<i>4895</i>	Supai	Simonson Dolomite
<i>Y marker</i>	<i>4931</i>	Buckhorn	Sevy Dolomite
<i>Bank</i>	<i>5014</i>	JURASSIC	CARBON I FEROUS
<i>Biscanmate</i>	<i>5310</i>	Morrison	Pennsylvanian
<i>B limestone</i>	<i>5482</i>	Salt Wash	Oquirrh
<i>Castle Peak</i>	<i>5910</i>	San Rafael Gr.	Weber
Flagstaff	Summerville	Morgan	Ordoevician
North Horn	Bluff Sandstone	Hermosa	Eureka Quartzite
Almy	Curtis		Pogonip Limestone
Paleocene	Entrada	Pardox	CAMBRIAN
Current Creek	Moab Tongue	Ismay	Lynch
North Horn	Carmel	Desert Creek	Bowman
CRETACEOUS	Glen Canyon Gr.	Akah	Tapeats
Montana	Navajo	Barker Creek	Ophir
Mesaverde	Kayenta		Tintic
Price River	Wingate	Cane Creek	PRE - CAMBRIAN
Blackhawk	TRIASSIC		



August 1, 1996

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

ATTENTION: Ed Forsman



**Re: Tar Sands Federal #5-28 (1)
SW/NW Sec. 28, T8S, R17E
Duchesne County, Utah**

Dear Ed,

Enclosed is the original and two copies of the Application For Permit To Drill, the Notice of Staking was sent in on June 6, 1996. The Archaeological Cultural Report will be submitted, as soon as it becomes available. Copies of the APD will be submitted to the State of Utah.

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

Sincerely,

**Cheryl Cameron
Regulatory Compliance Specialist**

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

*/cc
Enclosures*

**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 **SW/NW**
 At proposed prod. zone **660' FWL & 1980' FNL**

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

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

16. NO. OF ACRES IN LEASE
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.
1195'

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

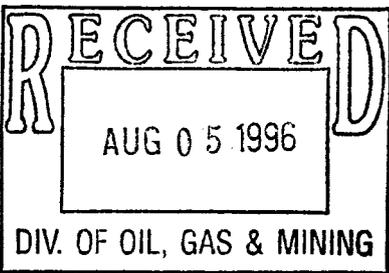
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5240' GR

22. APPROX. DATE WORK WILL START*
4th Quarter 1996

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 Hillipt 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.



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

24. SIGNED Brad Mechem *Brad Mechem* TITLE District Operations Manager DATE 7/18/96

(This space for Federal or State office use)

PERMIT NO. 43-013-31697 APPROVAL DATE _____

APPROVED BY John R. Baya *John R. Baya* TITLE Petroleum Engineer DATE 7/7/97
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #5-28 (I)
SW/NW 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' - 3030'
Green River	3030'
Wasatch	6500'

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

Green River Formation 3030' - 6400' - & Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

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

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

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

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

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

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

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

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

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S 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 November of 1996, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #5-28 (I)
SW/NW SECTION 33, T8S, R17E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Tar Sands Federal #5-28 (I) located in The SW 1/4 NW 1/4 Section 28, T8S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles \pm to the junction of this highway and Utah State Highway 53; proceed southeasterly along Utah State Highway 7.9 miles to its junction with an existing dirt road to the east; proceed easterly along this road 1.3 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 SW 1/4 NE 1/4 Section 29, T8S, R17E, S.L.B., and proceeds in a southeasterly direction approximately .6 miles \pm , to the proposed location site.

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

The existing two track road will be upgraded to the same conditions as the access road.

TAR SANDS FEDERAL #5-28 (I)

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

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

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

3. LOCATION OF EXISTING WELLS

There are six (6) producing, one (1) injection, three (3) P&A, and one (1) water, Inland Production wells, and one (1) unknown P&A well, within a one (1) mile radius of this well. See Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

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

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

Tank batteries will be built to BLM specifications.

5. LOCATION AND TYPE OF WATER SUPPLY

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte oilfield. Johnson Water District has given permission to Inland Production Company to use water from our system for the purpose of drilling and completing the Tar Sands Federal #5-28 (I).

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

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

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

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

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

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

A portable toilet will be provided for human waste.

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

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

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

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

No flare pit will be used at this location.

The stockpiled topsoil (first six (6) inches) will be stored on the west side, between stakes 6 & 7.

Access to the well pad will be from the northwest corner, between stakes 7 & 8.

Fencing Requirements

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

- 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 Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

b) *Dry Hole Abandoned Location*

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

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

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

The Archaeological Cultural Resource Survey will be submitted as soon as it becomes available.

Additional Surface Stipulations

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

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of the Tar Sands Federal #5-28 (I), we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Tar Sands Federal #5-28 (I), we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

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

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

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

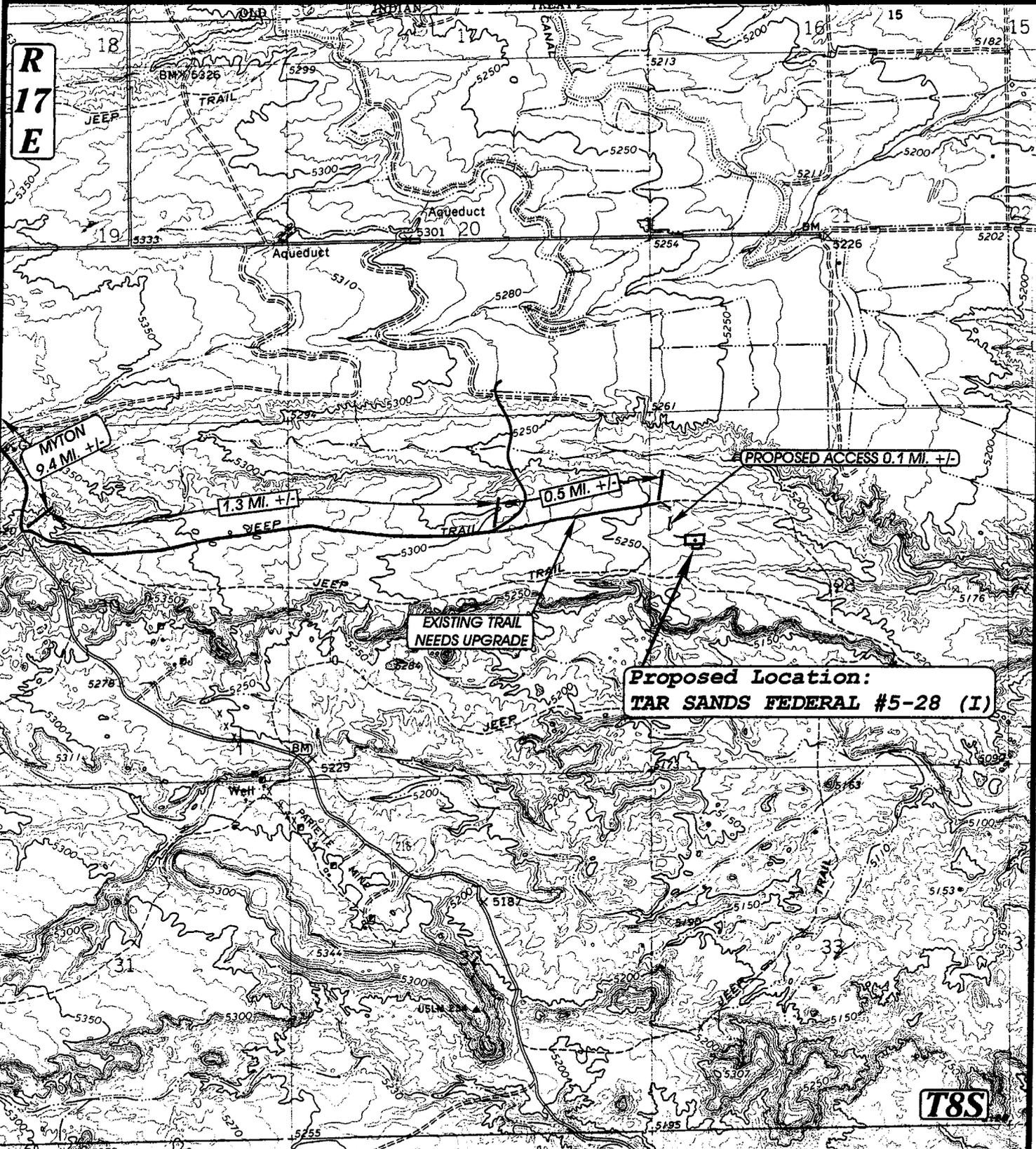
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Tar Sands Federal #5-28 (I) SW/NW 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 drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

7-30-96
Date

Brad Mecham
Brad Mecham
District Operations Manager



**R
17
E**

T8S

UELS

**TOPOGRAPHIC
MAP "B"**

DATE: 4-30-96
Drawn by: D.COX

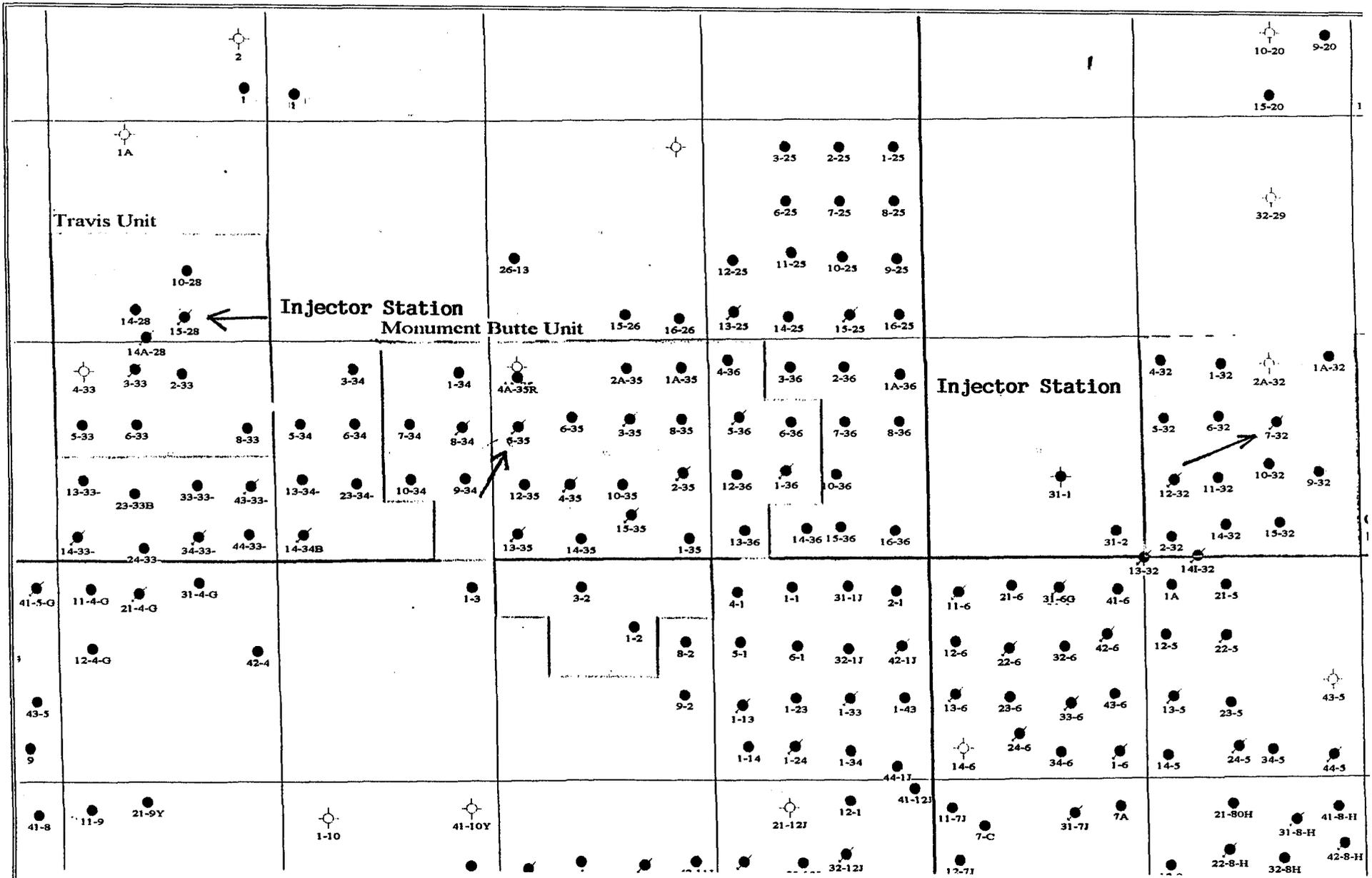
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



SCALE: 1" = 2000'

INLAND PRODUCTION CO.
TAR SANDS FEDERAL #5-28 (I)
SECTION 28, T8S, R17E, S.L.B.&M.
1980' FNL 660' FWL

EXHIBIT "C"



Inland
PRODUCTION INC.

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

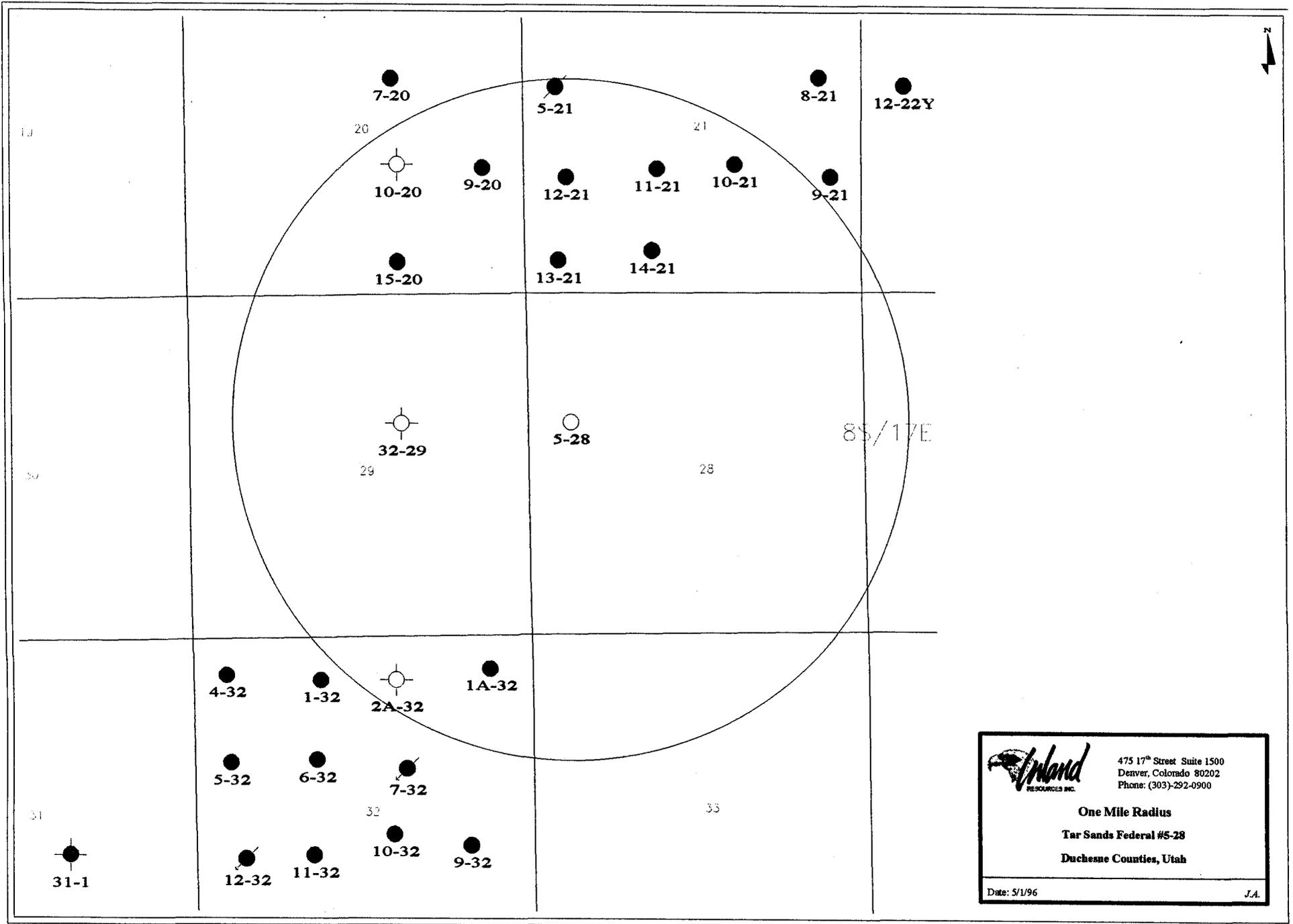
Regional Area

Duchene Counties, Utah

Date: 5/7/96 J.A.



EXHIBIT "D"

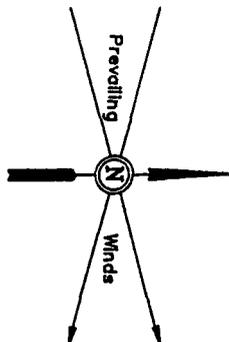


INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

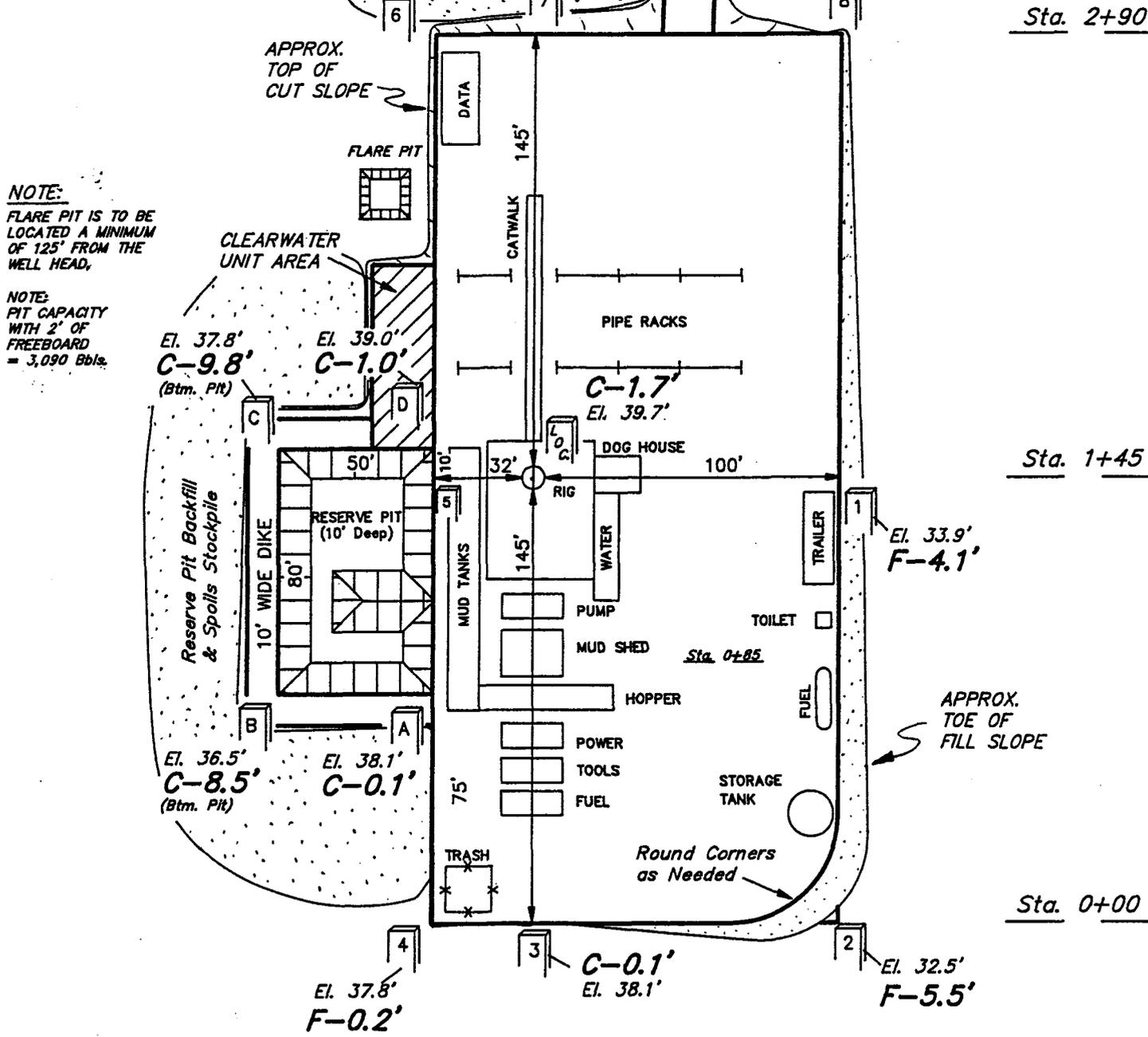
TAR SANDS FEDERAL #5-28 (I)
SECTION 28, T8S, R17E, S.L.B.&M.

1980' FNL 660' FWL



SCALE: 1" = 50'
DATE: 4-30-96
Drawn By: D.R.B.

Handwritten signature



NOTE:
FLARE PIT IS TO BE LOCATED A MINIMUM OF 125' FROM THE WELL HEAD,

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

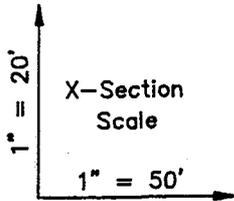
Elev. Ungraded Ground at Location Stake = 5239.7'
Elev. Graded Ground at Location Stake = 5238.0'

INLAND PRODUCTION CO.

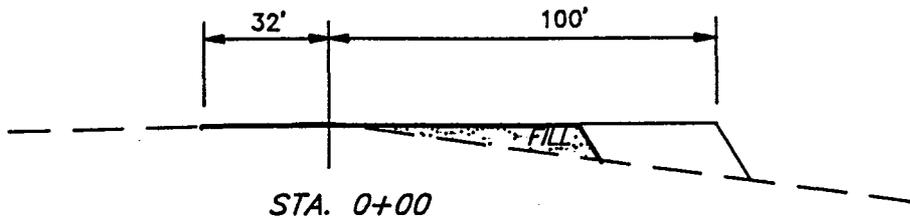
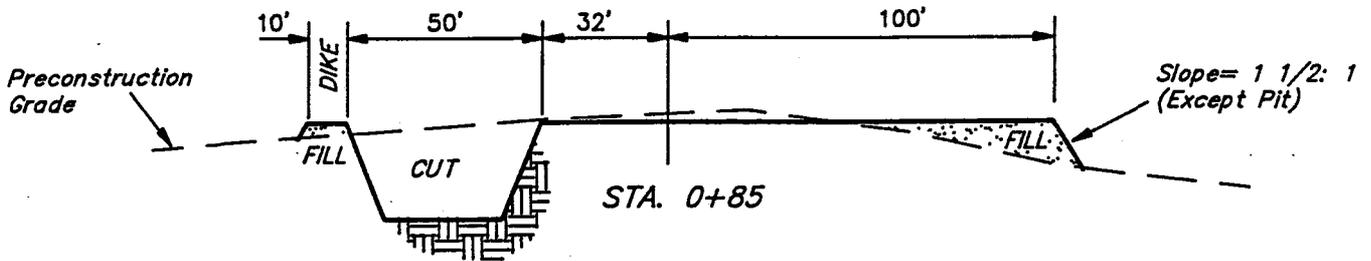
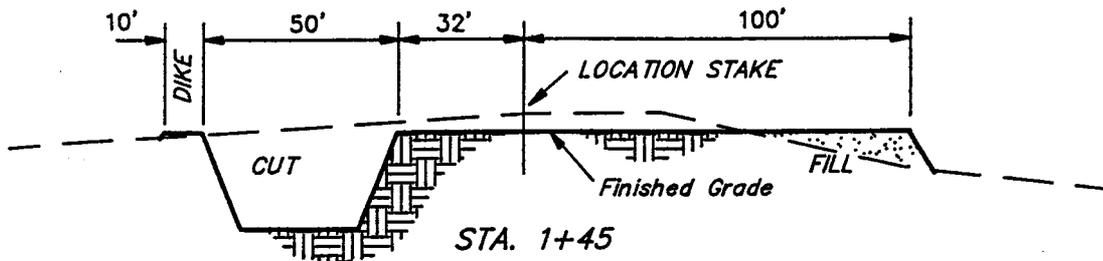
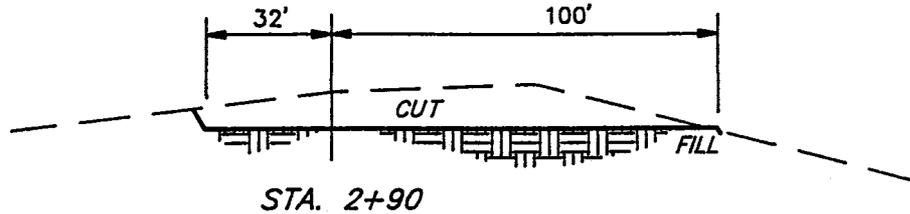
TYPICAL CROSS SECTIONS FOR

TAR SANDS FEDERAL #5-28 (I)
SECTION 28, T8S, R17E, S.L.B.&M.
1980' FNL 660' FWL

Handwritten signature



DATE: 4-30-96
Drawn By: D.R.B.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 780 Cu. Yds.
Remaining Location	= 2,110 Cu. Yds.
TOTAL CUT	= 2,890 CU.YDS.
FILL	= 1,570 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,240 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,240 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 0 Cu. Yds.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/05/96

API NO. ASSIGNED: 43-013-31697

WELL NAME: TAR SANDS FEDERAL 5-28(I)
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
 SWNW 28 - T08S - R17E
 SURFACE: 1980-FNL-0660-FWL
 BOTTOM: 1980-FNL-0660-FWL
 DUCHESNE COUNTY
 UNDESIGNATED FIELD (002)

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

LEASE TYPE: FED
 LEASE NUMBER: U - 74870

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal State Fee
 (Number 4488944)

Potash (Y/N)

Oil shale (Y/N)

Water permit
 (Number INJECTION WELL 7# 32)

RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

___ R649-2-3. Unit: _____

R649-3-2. General.

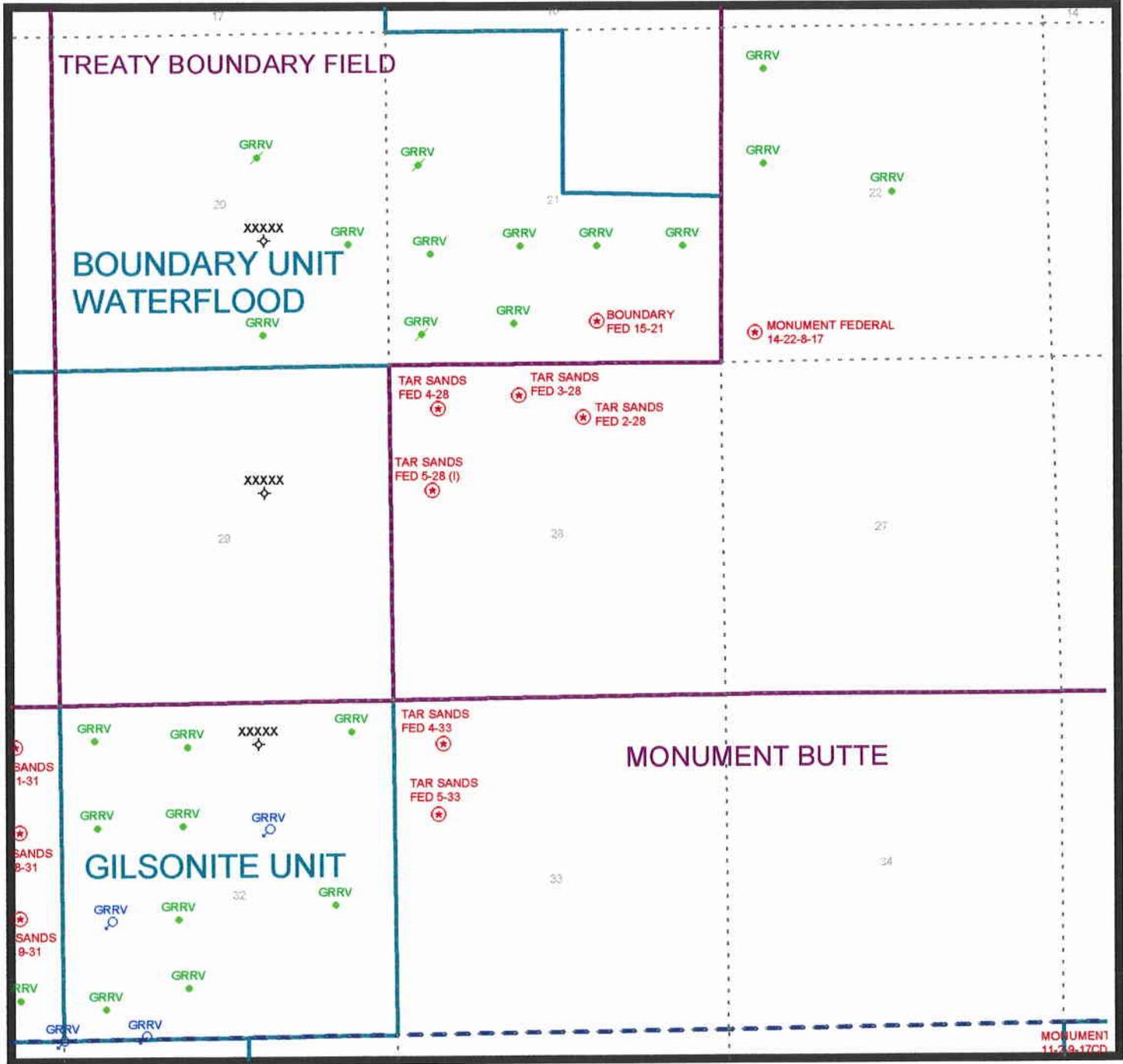
___ R649-3-3. Exception.

___ Drilling Unit.
 Board Cause no: _____
 Date: _____

COMMENTS: _____

STIPULATIONS: _____

OPERATOR: INLAND PRODUCTION
FIELD: MONUMENT BUTTE
UNIT: SECTION: 28, T8S, R17E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 6-AUG-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

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

July 7, 1997

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079

Re: Tar Sands Federal 5-28 (I) Well, 1980' FNL, 660' FWL,
SW NW, 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 43-013-31697.

Sincerely,

A handwritten signature in cursive script that reads "Lowell P. Braxton".

Lowell P. Braxton
Deputy Director

lwp

Enclosures

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

Operator: Inland Production Company
Well Name & Number: Tar Sands Federal 5-28 (I)
API Number: 43-013-31697
Lease: U-74870
Location: SW NW 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)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

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.

**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 SW/NW
 At proposed prod. zone 660' FWL & 1980' FNL

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.
 #5-28 (I)

10. FIELD AND POOL, OR WILDCAT
 Boundary

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*
 9.4 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)	660'	16. NO. OF ACRES IN LEASE	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.	1195'	19. PROPOSED DEPTH	6500'	20. ROTARY OR CABLE TOOLS	Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)				22. APPROX. DATE WORK WILL START*	
5240' GR				4th Quarter 1996	

PROPOSED CASING AND CEMENTING PROGRAM

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

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

RECEIVED
 JUL 10 1997
 DIV. OF OIL, GAS & MINING

RECEIVED
 AUG 05 1996

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

24. SIGNED Brad Mechem *Brad Mechem* TITLE District Operations Manager DATE 7/18/96

(This space for Federal or State office use)
NOTICE OF APPROVAL

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY *Edwin J. ...* ACTING Assistant Field Manager DATE JUL 03 1997
 TITLE Mineral Resources

CONDITIONS OF APPROVAL, IF ANY _____

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

44080-610-191

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Fed. 5-28 (I)

API Number: 43-013-31697

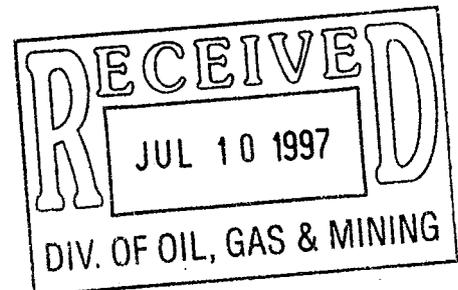
Lease Number: U-74870

Location: SWNW 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.

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 shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the shallowest potential productive zone. 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.

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

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

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

- All travel will be confined to the existing access road right-of-way.

-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).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

-The topsoil should be windrowed on the north side of the location between corners 2 and 8, instead of in the location shown on the cut sheet.

Mountain Plover

According to the timeframes listed on the following chart and prior to new construction and drilling activities, a detailed survey of the area within 0.5 mile of a proposed location and 300 feet either side of the center line of a proposed access route will be made by BLM or a qualified biologist to detect the presence of plovers. Extreme care shall be exercised to locate plovers due to their highly secretive and quiet nature. Where possible, the survey shall first be made from a stationary vehicle. All plovers located will be observed long enough to determine if a nest is present. If no visual sightings are made from the vehicle, the area will be surveyed again on foot.

Starting Date of Construction or Drilling Activity	Number of Surveys
From March 15 through April 15	1
From April 16 through July 15	2
From July 16 through August 15	1

The surveys will be conducted no more than 14 days prior to the date actual construction or drilling activities begin. If two surveys are required, they will be made at least 14 days apart with the last survey no more than 14 days prior to the start-up date.

If an active nest or chicks are found in the area, the planned activity will be delayed until the chicks are out of downy plumage; the brood vacates the area of influence; or, the nest has failed.

Grading activities and new road construction will be minimized from May 25 through June 30.

-Burrowing Owl

No new construction or surface disturbing activities will be allowed within a 0.5 mile radius of an active burrowing owl nest from April 1 through July 15.

-If the well is a producing well, the pumping unit should be muffled in order to reduce noise levels in the area.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: TAR SANDS FEDERAL 5-28I

Api No. 43-013-31697

Section: 28 Township: 8S Range: 17E County: DUCHESNE

Drilling Contractor

Rig #

SPUDDED:

Date 7/18/97

Time 7:15 AM

How DRY HOLE

Drilling will commence

Reported by FAX

Telephone #

Date: 7/23/97 Signed: JLT

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No. U-76241
6. If Indian, Allottee or Tribe Name
7. If unit or CA, Agreement Designation
8. Well Name and No. Tar Sands Federal #5-28(I)
9. APT Well No. 43-013-31697
10. Field and Pool, or Exploratory Area Monument Butte
11. County or Parish, State Duchesne, UT

SUBMIT IN TRIPLICATE

1. Type of Well [X] Oil Well [] Gas well [] Other
2. Name of Operator Inland Production Company
3. Address and Telephone No. P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWNW Sec. 28, T8S, R17E

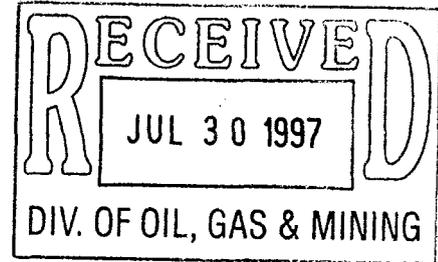
12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

Drilled 12 1/4" hole w/ Leon Ross Rathole rig to 305'. Set 282.09' of 8 5/8" 24# J-55 csg. Pump 10 bbls dye wtr & 10 bbls gel. Cmt w/ 120 sx Prem + w/ 2% CC & 2% gel + 1/4#/sk flocele, 14.8 ppg, 1.37 ft/sk yield. Good returns w/ est 9 BC to surface.

Spud w/ Leon Ross Rathole Rig @ :15 am, 7/18/97.



14. I hereby certify that the foregoing is true and correct. Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 7/25/97

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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

INLAND PRODUCTION CO. TEL: 801-722-5103 Jul 23, 97 9:44 No. 001 P. 02

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

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

OPERATOR ACCT. NO. W 5160

ACTION CODE	CURRENTS ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					00	SC	TP	RG			
A	99999	12/71	43-013-31697	Tar Sands Federal #5-28I	SNNW	28	8S	17E	Duchesne	7/18/97	7/18/97
WELL 1 COMMENTS: Spud surface hole w/ Leon Ross Rathole Rig. Entity added 7-29-97. Lee											
WELL 2 COMMENTS:											
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)
 - 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.

13 69)


 Signature Cheryl Cameron
 RCS 7/23/97
 Title _____ Date _____
 Phone No. 801 789-1866

Facsimile Cover Sheet

To: Lisha Cordova
Company: State of Utah
Phone: (801) 538-5296
Fax: (801) 359-3940

From: Cheryl Cameron
Company: Inland Production Company
Phone: (801) 789-1866
Fax: (801) 789-1877

Date: 7/23/97

**Pages including this
cover page: 2**

**Comments: Entity Action Form 6, for the Tar Sands Federal
#5-281.**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
Inland Production Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**SWWW
Sec. 28, T8S, R17E**

5. Lease Designation and Serial No.
U-76241

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
Tar Sands Federal #5-28(I)

9. API Well No.
43-013-31697

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

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

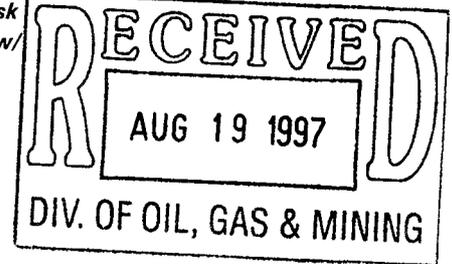
TYPE OF SUBMISSION		TYPE OF ACTION			
<input type="checkbox"/>	Notice of Intent	<input type="checkbox"/>	Abandonment	<input type="checkbox"/>	Change of Plans
<input checked="" type="checkbox"/>	Subsequent Report	<input type="checkbox"/>	Recompletion	<input type="checkbox"/>	New Construction
<input type="checkbox"/>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

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

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

WEEKLY STATUS REPORT FOR WEEK OF 7/27/97 - 8/2/97:

Drilled 7 7/8" hole from 305' - 6300' w/ Four Corners Rig #6. Run 6295' of 5 1/2" 15.5# J-55 csg. Pmp 20 BDW & 20 BG. Cmt w/ 470 sx Hibond 65 Mod w/ 3% salt, 3% EX-1, 10% gel, 2% Microbond, 1#/sk granulite, 3#/sk silicallite, 11.0 ppg 3.0 cf/sk yield & 450 sx Thixo w/ 10% CalSeal, 14.2 ppg, 1.59 cf/sk yield. Good returns w/ tr of dye to surface. Rig released @ 2:00 PM 8/2/97. RDMOL.



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

Signed

Cheryl Cameron
Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

8/11/97

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE

1. Type of Well

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

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

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

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

SWNW Sec. 28, T8S, R17E

5. Lease Designation and Serial No.

U-76241

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Tar Sands Federal #5-28(I)

9. API Well No.

43-013-31697

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

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

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for 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.

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

WEEKLY STATUS REPORT FOR WEEK OF 8/27/97 - 9/4/97:

RIH w/ production string. On production @ 3:30 pm, 9/4/97.

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

Signed

Handwritten signature: Cheryl Cameron

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

9/9/97

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

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

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-76241
2. Name of Operator Inland Production Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866	7. If unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SWNW Sec. 28, T8S, R17E	8. Well Name and No. Tar Sands Federal #5-28(I)
	9. API Well No. 43-013-31697
	10. Field and Pool, or Exploratory Area Monument Butte
	11. County or Parish, State Duchesne, UT

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

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

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

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

WEEKLY STATUS REPORT FOR WEEK OF 8/19/97 - 8/27/97:

Perf CP sd 5960'-5966', 5968'-5976'
Perf A sd 5572'-5583', 5612'-5626'
Perf C/B sd 5264'-5274', 5339'-5345', 5357'-5363'
Perf D sd 5142'-5145', 5150'-5161'

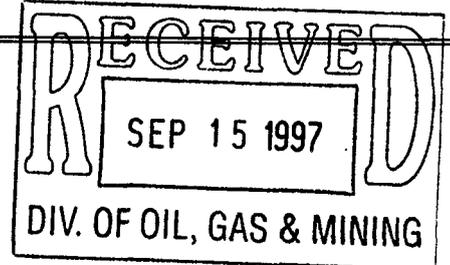
14. I hereby certify that the foregoing is true and correct

Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 8/27/97
Cheryl Cameron

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

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



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

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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.

#5-28 (I)

10. FIELD AND POOL, OR WILDCAT
Monument Butte

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

Sec. 28, T8S, R17E

12. COUNTY OR
PARISH

Duchesne

13. STATE

UT

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION:
NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Inland Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface SW/NW
At top prod. interval reported below 660' FWL & 1980' FNL
At total depth

14. PERMIT NO. 43-013-31697 DATE ISSUED 7/3/97

15. DATE SPUDDED 7/18/97 16. DATE T.D. REACHED 8/1/97 17. DATE COMPL. (Ready to prod.) 9/4/97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5240' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6300' 21. PLUG, BACK T.D., MD & TVD 6265' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Green River - 5142'-5976' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, CNL, CLL 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	280.67'	12 1/4	120 sx Prem Plus	
5 1/2	15.5#	6299.70'	7 7/8	470 sx Hibond & 450 sx Thixo	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

CP 5960'-66', 5968'-70'
A 5572'-83', 5612'-26'
C/B 5264'-74', 5339'-45', 5357'-63'
D 5142'-45', 5150'-61'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Back	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
9/4/97	Pumping - 2 1/2" X 1 1/2" X 15' RHAC pump	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	9/97	N/A	→	147	192	3	1.3
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold & Used for Fuel

35. LIST OF ATTACHMENTS Items in #26

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

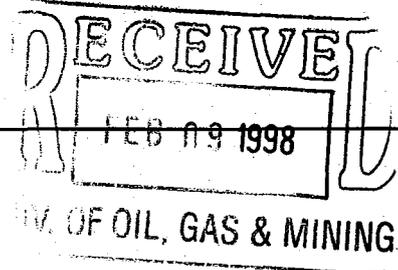
SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 10/4/97

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	4390'					
Point 3 Mkr	4667'					
X Mkr	4895'					
Y Mkr	4931'					
Douglas Ck Mkr	5064'					
BiCarbonate Mkr	5310'					
B Limestone Mkr	5482'					
Castle Peak	5910'					
			#32. Perf CP sd 5960'-66', 5968'-76' Frac w/ 91,900# 20/40 sd in 510 BG			
			Perf A sd 5572'-83', 5612'-26' Frac w/ 106,800# 20/40 sd in 545 BG			
			Perf C/B sd 5264'-74', 5339'-45', 5357'-63' Frac w/ 95,500# 20/40 sd in 487 BG			
			Perf D 5142'-45', 5150'-61' Frac w/ 87,200# 20/40 sd in 457 BG			



February 6, 1998

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Tar Sands Federal #5-28
Monument Butte Field, Lease #U-74870
Section 28-Township 8S-Range 17E
Duchesne County, Utah

Dear Mr. Jarvis:

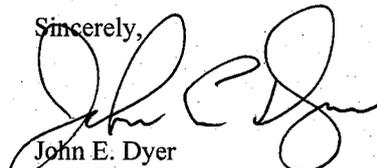
Inland Production Company herein requests the following approval(s):

1. Conversion of the Tar Sands Federal #5-28 from a producing oil well to a water injection well in the Monument Butte (Green River) Field;
2. Installation of an injection flowline. The proposed water injection line would leave the Tar Sands Federal #5-28 well and run approximately 2640' in a southeasterly direction, and tie into an existing line located at the Tar Sands Federal #10-28. The line would be a 3" coated steel pipe, buried 5' below the surface.

Please note that Attachments F-1 and F-2 will be submitted under separate cover, once the analyses are received from the lab.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Debbie Knight at (303) 382-4484.

Sincerely,



John E. Dyer
Chief Operating Officer

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
TAR SANDS FEDERAL #5-28
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #U-74870
FEBRUARY 6, 1998

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Tar Sands Federal #5-28I

Spud Date: 7/18/97
 Put on Injection : --/--/--
 GL: 5240' KB: 5252'

Initial Production: 147 BOPD,
 192 MCFPD, 3 BWPD

Injection Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (282.09')
 DEPTH LANDED: 280.67' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 9 bbls to surf.

PRODUCTION CASING

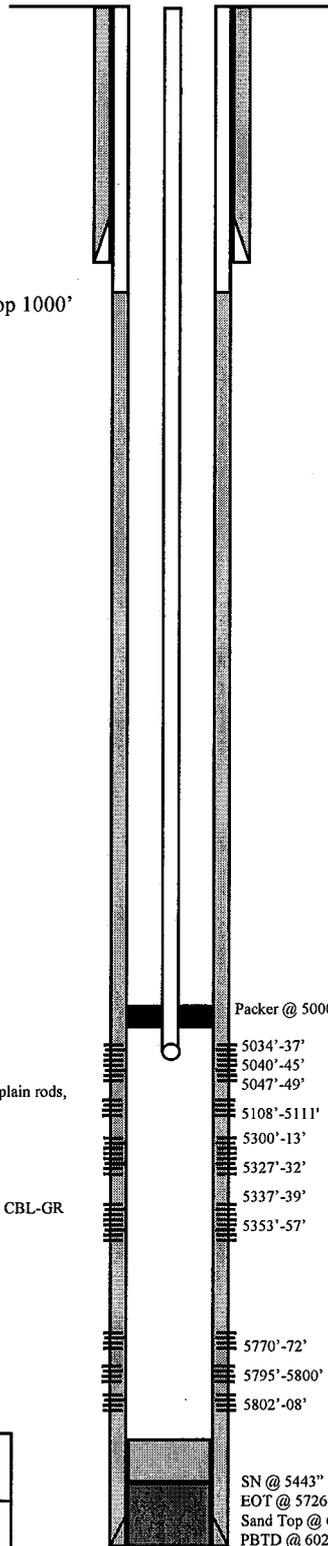
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6015.92')
 DEPTH LANDED: 6026' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 470 sk Hibond mixed & 450 sxs thixotropic
 CEMENT TOP AT: 1000' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 197 jts
 TUBING ANCHOR: 5939'
 SEATING NIPPLE: 5-1/2" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 6069')
 SN LANDED AT: 6004'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 99-3/4" scraped, 4 - 1-1/2" guided rods, 136-3/4" plain rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
 STROKE LENGTH: 84"
 PUMP SPEED, SPM: 11 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR



FRAC JOB

8/21/97 5960'-5966' **Frac CP sand as follows:**
 99,900# of 20/40 sand in 510 bbls of Boragel. Breakdown @ 2863 psi. Treated @ avg rate of 24.3 bpm w/avg press of 2000 psi. ISIP-2203 psi, 5-min 1975 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

8/23/97 5572'-5626' **Frac A sands as follows:**
 106,800# of 20/40 sand in 545 bbls of Boragel. Breakdown @ 1801 psi. Treated @ avg rate of 26.3 bpm w/avg press of 1200 psi. ISIP-1804 psi, 5-min 1711 psi. Flowback on 12/64" ck for 3 hours and died.

8/26/97 5264'-55363' **Frac C/B sand as follows:**
 95,500# of 20/40 sand in 487 bbls of Boragel. Breakdown @ 2306 psi. Treated @ avg rate of 24.5 bpm w/avg press of 2100 psi. ISIP-2425 psi, 5-min 2206 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

8/29/97 5142'-5161' **Frac D sand as follows:**
 87,200# of 20/40 sand in 457 bbls of Boragel. Breakdown @ 3194 psi. Treated @ avg rate of 22.3 bpm w/avg press of 1560 psi. ISIP-2118 psi, 5-min 2044 psi. Flowback on 12/64" ck for 2 hours and died.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
8/21/97	5960'-5966'	4 JSPF	32 holes
8/21/97	5968'-5976'	4 JSPF	24 holes
8/22/97	5572'-5583'	4 JSPF	44 holes
8/22/97	5612'-5626'	4 JSPF	56 holes
8/26/97	5264'-5274'	4 JSPF	40 holes
8/26/97	5339'-5345'	4 JSPF	24 holes
8/26/97	5357'-5363'	4 JSPF	24 holes
8/28/97	5142'-5145'	4 JSPF	12 holes
8/28/97	5150'-5161'	4 JSPF	44 holes



Inland Resources Inc.

Tar Sands Federal #5-28I

660 FWL 1980 FNL
 NENE Section 28-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31697; Lease #U-74870

SN @ 5443'
 EOT @ 5726'
 Sand Top @ 6008'
 PBTB @ 6022'
 TD @ 6380'

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down, move out.

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

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

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

Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

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

See Attachment A

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

Approval is requested to convert the Tar Sands Federal #5-28 from a producing oil well to a water injection well in the Monument Butte (Green River) Field; and to install an injection line. The proposed water injection line would leave the Tar Sands Federal #5-28 well and run approximately 2640' in a southeasterly direction, and tie into an existing line located at the Tar Sands Federal #10-28. The line would be a 3" coated steel pipe, buried 5' below the surface. See Attachment D.

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

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

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

The injection zone is in the Douglas Creek Member of the Green River Formation. At the Tar Sands Federal #5-28 well, the proposed injection zone is from 5142'-5976'. The confining stratum directly above and below the injection zone is the Douglas Creek Member of the Green River Formation, with the Douglas Creek Marker top at 5142'

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

The referenced log for the Tar Sands Federal #5-28 is on file with the Utah Division of Oil, Gas and Mining.

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

The type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

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

See Attachment B.

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

See Attachment C.

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

Inland Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

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

This proposed injection well is on a State lease (Lease #U-74870), in the Monument Butte (Green River) Field and this request if for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachment A and B.

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

All logs are on file with the Utah Division of Oil, Gas and Mining.

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

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

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

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

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

The casing program is 8-5/8", 24#, J-55 surface casing run to 280.67' GL, and the 5-1/2" casing run from surface to 6299.70' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

The type and source of fluid to be injected is culinary water from the Johnson Water District supply line. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

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

See Attachment F, F-1, and F-2.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1810 psig.

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

The fracture gradient for the Tar Sands Federal #5-28, for proposed zones (5142' – 5976') calculates at .76 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1810 psig. See Attachment G, G-1, G-2, G-3 and G-4.

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

In the Tar Sands Federal #5-28, the injection zone (5142'-5976') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31', and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-9.

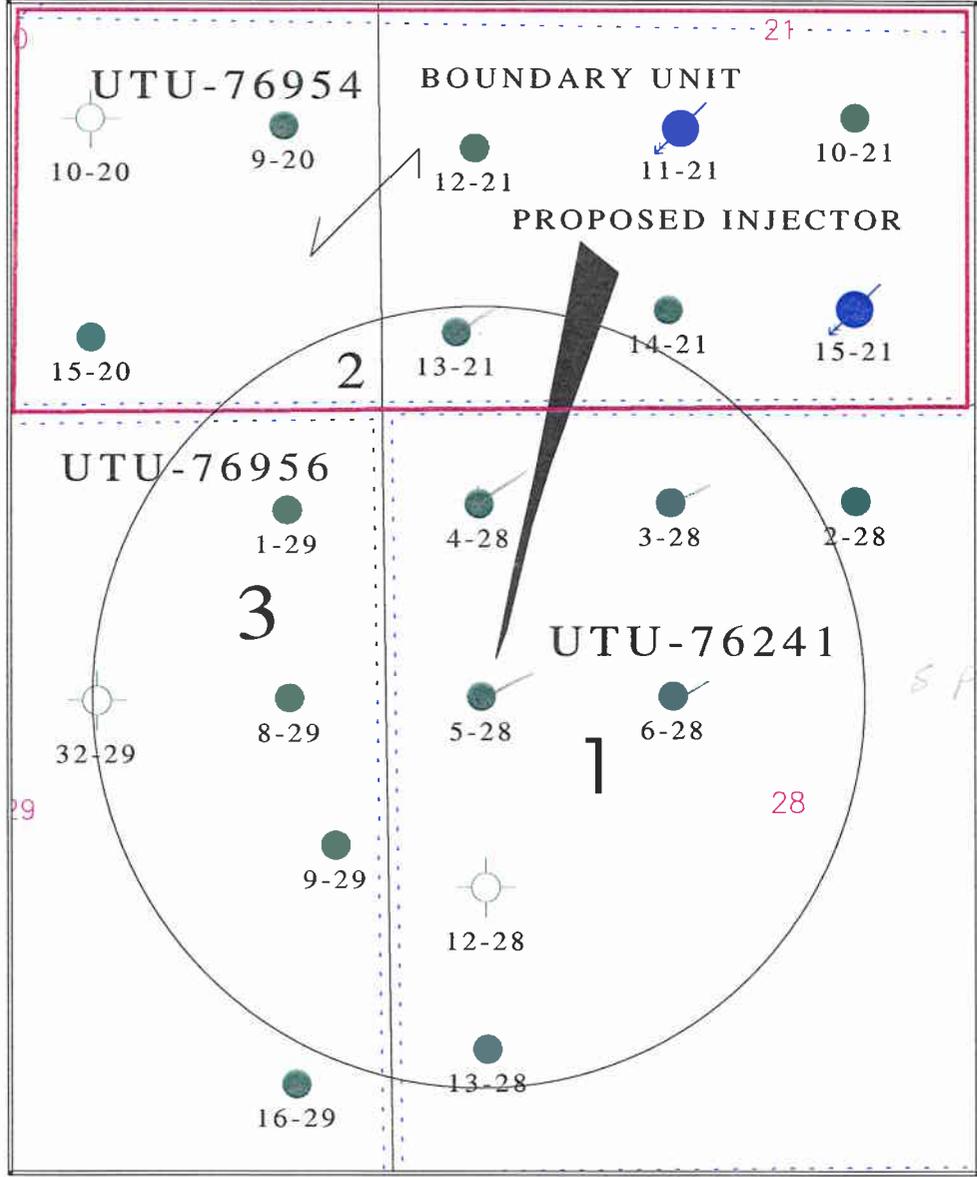
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

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

See Attachment C.

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

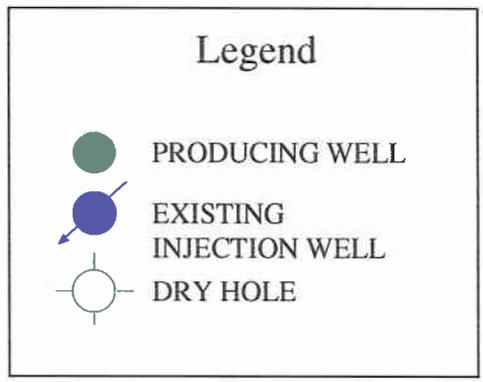
Inland Production Company will supply any requested information to the Board or Division.



TAR SANDS
DUCHESNE COUNTY, UTAH
MINERAL RIGHTS

(GRAZING RIGHTS ONLY)
 LESSEE: ELMER & LEE MOON

EXHIBIT



TAR SANDS FEDERAL 5-28 6300 TD

Attachment A

99 2T 2PM

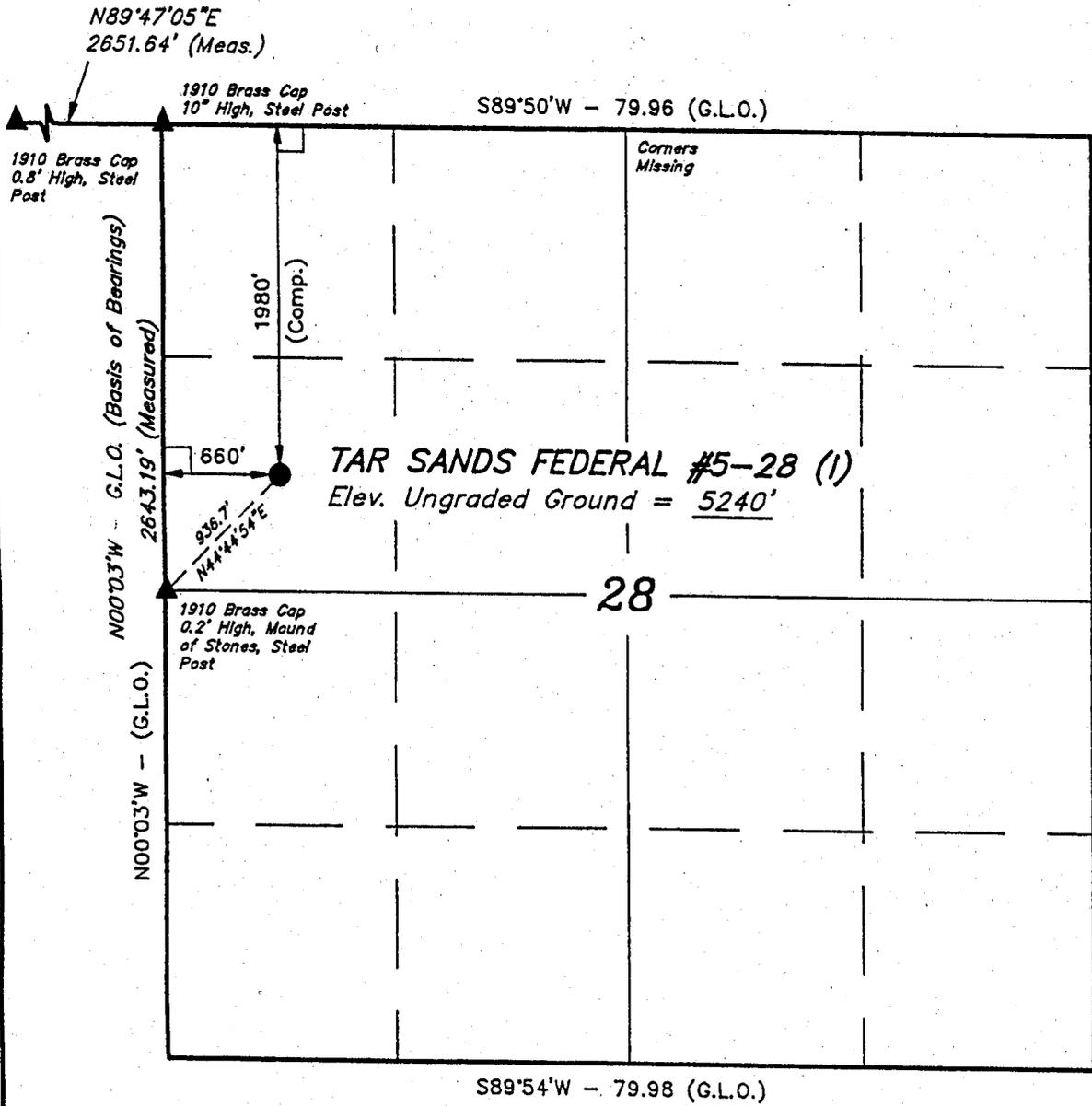
INLAND PRODUCTION CO.

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

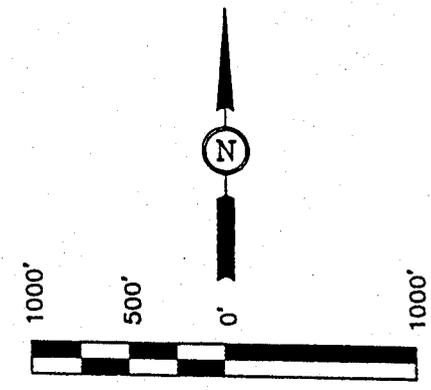
Well location, TAR SANDS FEDERAL #5-28 (1), located as shown in the SW 1/4 NW 1/4 of Section 28, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 28, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5261 FEET.



N00°02'W - (G.L.O.)



SCALE

CERTIFICATE

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

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

UNTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 4-26-96	DATE DRAWN: 4-30-96
PARTY G.S. G.C. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

LEGEND:

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

Attachment A-1

EXHIBIT B

Page 1

Tract	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights Grazing Rights Leased by
1	Township 8 South, Range 16 East Section 26: S/2SW/4, SW/4SE/4 Section 27: All Section 28: All Section 33: N/2NE/4, SW/4NE/4, W/2NW/4, SE/4NW/4, S/2 Section 34: N/2, W/2SW/4, SE/4SW/4, N/2SE/4, SW/4SE/4	UTU-76241 HBP	Inland Production Company A.A. & M, L.C., a Utah Limited Liability Co.	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons
2.	Township 8 South, Range 16 East Section 17: All Section 18: Lots 1 & 2 Section 19: E/2 Section 20: All Section 21: NW/4, SE/4	UTU-76954 HBP	Inland Production Company A.A. & M, L.C., Utah Limited Liability Co.	(Surface Rights) USA Inland Production Company Pride Lane Farms (Grazing Rights) Elmer Moon & Sons
3.	Township 8 South, Range 16 East Section 18: Lots 3, 4 Section 19: Lots 1 & 2, E/2NW/4 (excluding patent #880415) Section 29: N/2, N/2SW/4, SE/4SW/4, SE/4	UTU-76956 HBP	Inland Production Company	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons

ATTACHMENT C

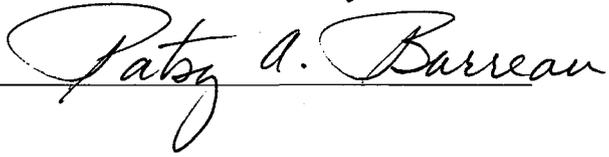
CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Tar Sands Federal #5-28

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

Signed: 
Inland Production Company
John E. Dyer
Chief Operating Officer

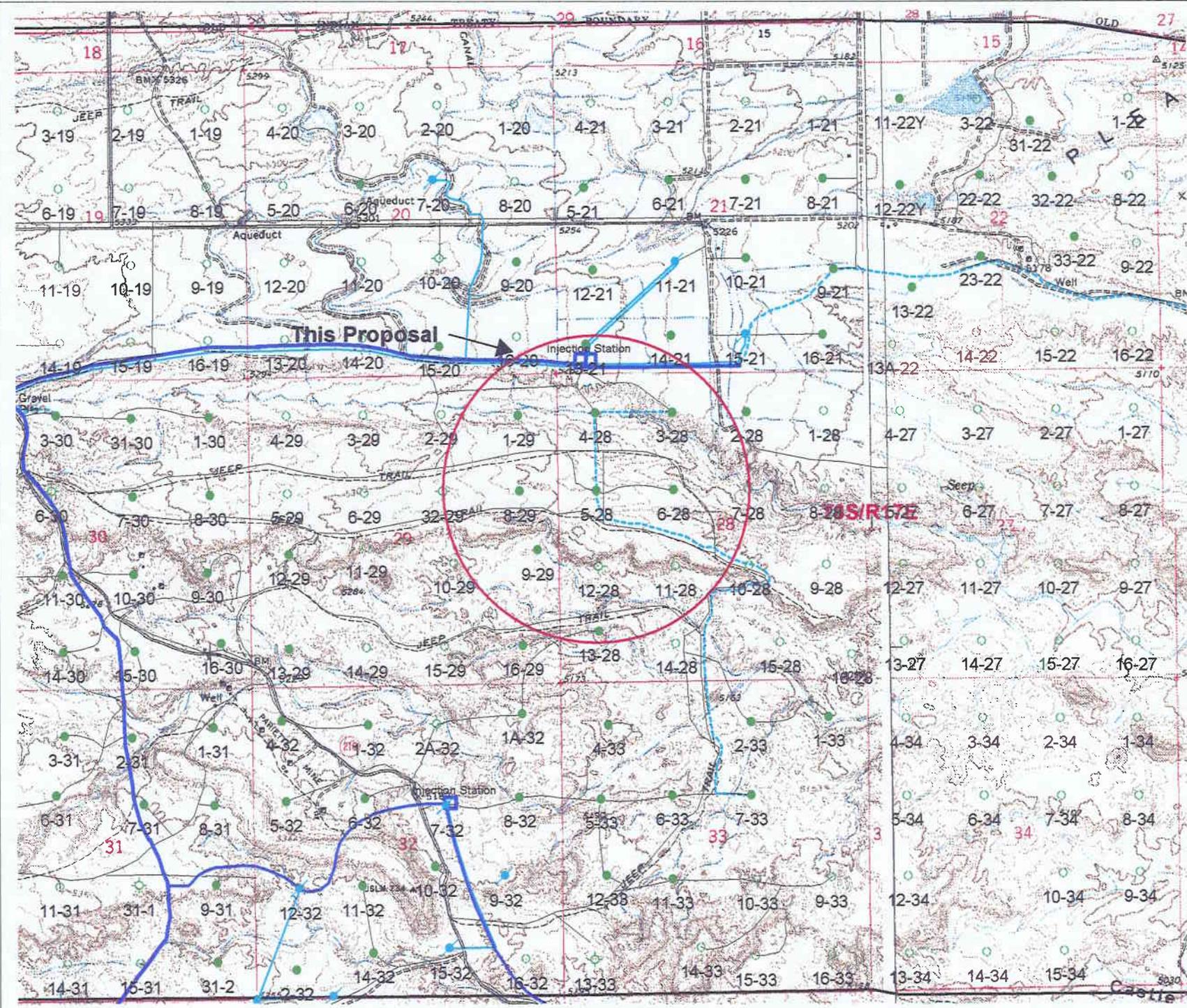
Sworn to and subscribed before me this 6th day of February, 1998.

Notary Public in and for the State of Utah: 



My Commission Expires 11/14/2000

Attachment D



This Proposal

Injection Station

Collection Station

- Legend
- INJ
- OIL
- ⊙ GAS
- ★ O&G
- ◇ DRY
- SHUTIN
- LOC
- Proposed Water 6"
- Water 6"
- Water 4"
- Water 2-3"
- Proposed Water

Uinta Basin
The Uinta Basin is a natural resource, it is not a commodity.
Case 1:12-cv-00001



Tar Sands Federal #5-28I

Spud Date: 7/18/97
 Put on Production: 9/4/97
 GL: 5240' KB: 5252'

Initial Production: 147 BOPD,
 192 MCFPD, 3 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (282.09')
 DEPTH LANDED: 280.67' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 9 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6015.92')
 DEPTH LANDED: 6026' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 470 sk Hibond mixed & 450 sxs thixotropic
 CEMENT TOP AT: 1000' per CBL.

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 197 jts
 TUBING ANCHOR: 5939'
 SEATING NIPPLE: 5-1/2" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 6069')
 SN LANDED AT: 6004'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 99-3/4" scraped, 4 - 1-1/2" guided rods, 136-3/4" plain rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
 STROKE LENGTH: 84"
 PUMP SPEED, SPM: 11 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

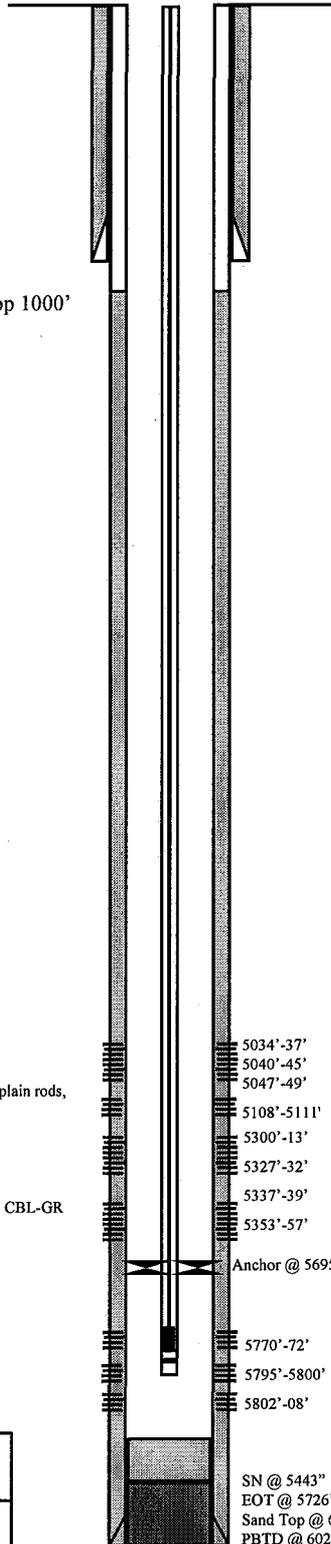
8/21/97 5960'-5966' **Frac CP sand as follows:**
 99,900# of 20/40 sand in 510 bbls of Boragel. Breakdown @ 2863 psi. Treated @ avg rate of 24.3 bpm w/avg press of 2000 psi. ISIP-2203 psi, 5-min 1975 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

8/23/97 5572'-5626' **Frac A sands as follows:**
 106,800# of 20/40 sand in 545 bbls of Boragel. Breakdown @ 1801 psi. Treated @ avg rate of 26.3 bpm w/avg press of 1200 psi. ISIP-1804 psi, 5-min 1711 psi. Flowback on 12/64" ck for 3 hours and died.

8/26/97 5264'-55363' **Frac C/B sand as follows:**
 95,500# of 20/40 sand in 487 bbls of Boragel. Breakdown @ 2306 psi. Treated @ avg rate of 24.5 bpm w/avg press of 2100 psi. ISIP-2425 psi, 5-min 2206 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

8/29/97 5142'-5161' **Frac D sand as follows:**
 87,200# of 20/40 sand in 457 bbls of Boragel. Breakdown @ 3194 psi. Treated @ avg rate of 22.3 bpm w/avg press of 1560 psi. ISIP-2118 psi, 5-min 2044 psi. Flowback on 12/64" ck for 2 hours and died.

Cement Top 1000'



PERFORATION RECORD

Date	Depth Range	Tool	Holes
8/21/97	5960'-5966'	4 JSPF	32 holes
8/21/97	5968'-5976'	4 JSPF	24 holes
8/22/97	5572'-5583'	4 JSPF	44 holes
8/22/97	5612'-5626'	4 JSPF	56 holes
8/26/97	5264'-5274'	4 JSPF	40 holes
8/26/97	5339'-5345'	4 JSPF	24 holes
8/26/97	5357'-5363'	4 JSPF	24 holes
8/28/97	5142'-5145'	4 JSPF	12 holes
8/28/97	5150'-5161'	4 JSPF	44 holes

5034'-37'
 5040'-45'
 5047'-49'
 5108'-5111'
 5300'-13'
 5327'-32'
 5337'-39'
 5353'-57'
 Anchor @ 5695'
 5770'-72'
 5795'-5800'
 5802'-08'
 SN @ 5443'
 EOT @ 5726'
 Sand Top @ 6008'
 PBTD @ 6022'
 TD @ 6380'



Inland Resources Inc.

Tar Sands Federal #5-28I

660 FWL 1980 FNL
 NENE Section 28-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31697; Lease #U-74870

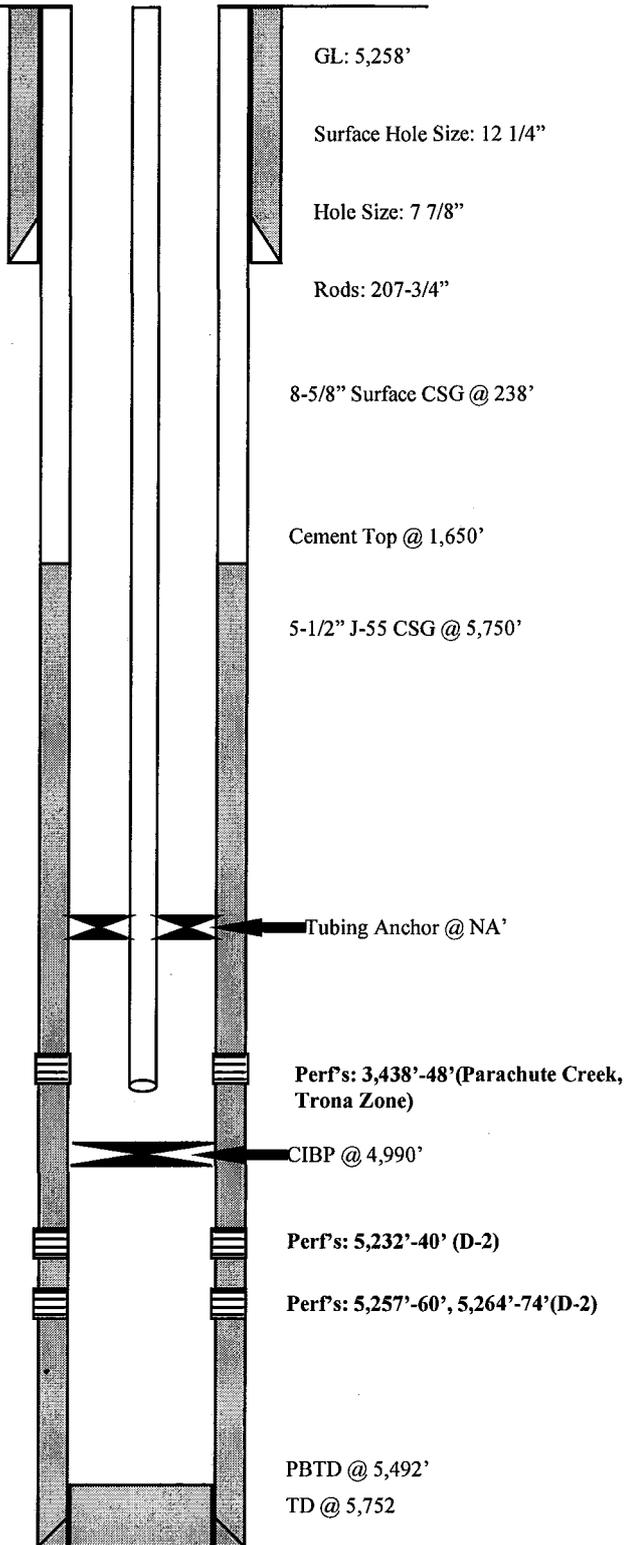
Boundary Federal #13-21

Water Source Well

Wellbore Diagram

Well History:

6-30-82	Spud Well
7-17-82	Perf: 5,232'-5,240', 5,257'-5,260', 5,264'-5,274'
7-18-82	Frac D-1 and D-2 zones as follows: Totals 31-,800 gal, 73,800# 20/40 sd Max TP 2,300 @ 30 BPM Avg TP 1,850 @ 30 BPM ISIP 1,650, after 5 min 1,540
1-96	Recompleted the Parachute Creek Trona Zone for a water source well.



	<p>Inland Resources Inc.</p>
	<p>Boundary Federal #13-21 515 FSL 517 FWL SWSW Section 21-T8S-R17E Duchesne Co, Utah API #43-013-30665; Lease #U-50376</p>

Tar Sands Federal #1-29

Spud Date: 7/23/97
 Put on Production: 8/29/97
 GL: 5231' KB: 5244'

Initial Production: 118
 BOPD, 176 MCFD, 5 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (302.27')
 DEPTH LANDED: 294' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 0 bbls to surf.

FRAC JOB

8/27/97 4580'-4602'
 Frac GB sand as follows:
 129,000# of 20/40 sand in 577 bbls of
 Boragel. Breakdown @ 2570psi.
 Treated @ avg rate of 24 bpm w/avg
 press of 2000 psi. ISIP-2356 psi, 5-min
 2309 psi. Flowback on 12/64" ck for 4
 hours and died.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 152 jts. (6425.25')
 DEPTH LANDED: 6424' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 470 sxs Hibond mixed & 425 sxs thixotropic
 CEMENT TOP AT: 890' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#
 NO. OF JOINTS: 146 jts
 TUBING ANCHOR: 4577'
 SEATING NIPPLE: 2 - 7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 4710')
 SN LANDED AT: 4642'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 95-3/4" scraped, 4-1-1/2" guided rods, 81-3/4" plain rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 10 - 1/2 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

PERFORATION RECORD

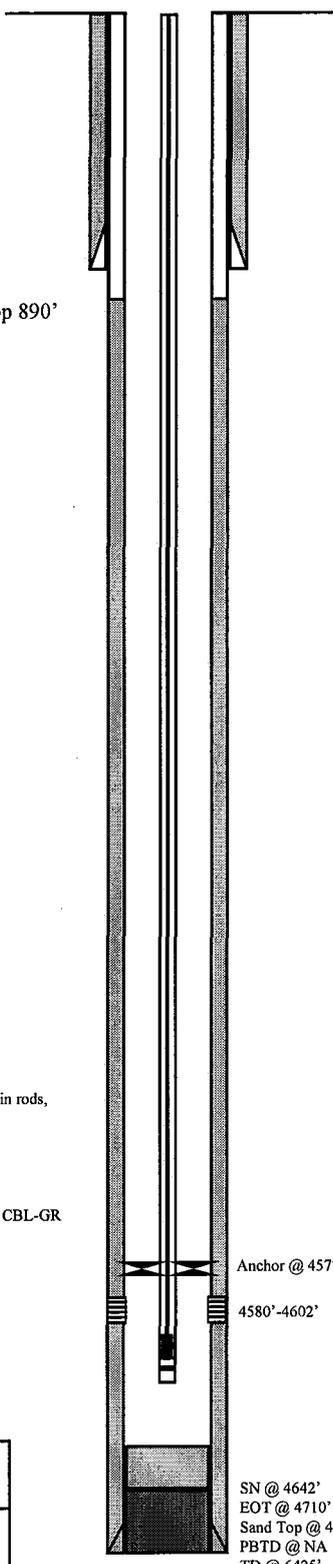
8/27/97 4580'-4602' 4 JSPF 88 holes

Cement Top 890'

Anchor @ 4577'

4580'-4602'

SN @ 4642'
 EOT @ 4710'
 Sand Top @ 4580'
 PBTD @ NA
 TD @ 6425'





Inland Resources Inc.

Tar Sands Federal #1-29

663 FEL 695 FNL
 NENE Section 29-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31743; Lease #U-74869

Tar Sands Federal #8-29

Spud Date: 9/24/97
 Put on Production: 10/31/97
 GL: 5255' KB: 5268'

Initial Production: 69 BOPD,
 89 MCFPD, 2 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (295')
 DEPTH LANDED: 305' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6164')
 DEPTH LANDED:
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sk Hibond mixed & 270 sxs thixotropic
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 167 jts
 TUBING ANCHOR: 5189'
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: ?
 SN LANDED AT: 5286'

SUCKER RODS

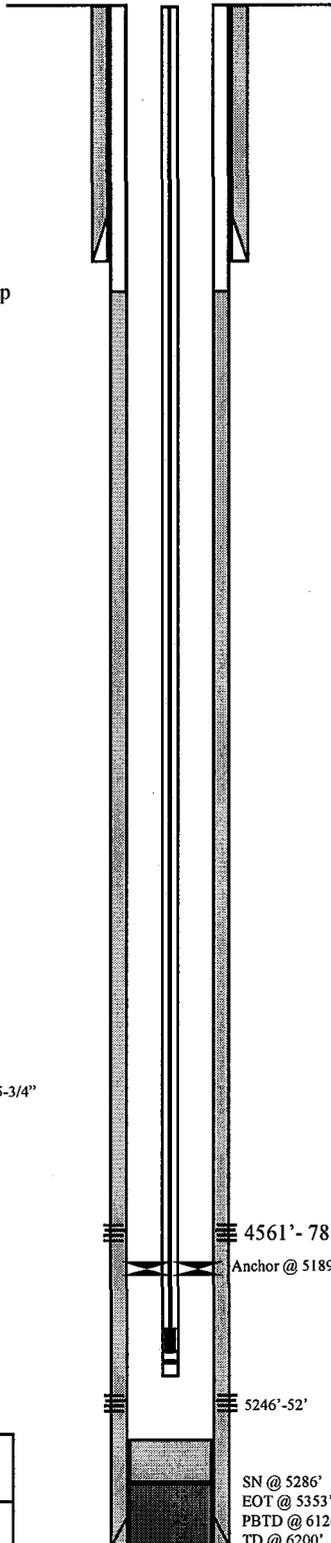
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-11/2" wt rods; 4-3/4" scraped; 107-3/4" plain; 95-3/4" scraped; 1-4'x3/4" pony rod
 PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 15 RHAC rod pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5.5 SPM
 LOGS: DL/GR & SDL/DSN (6202'-3202')

FRAC JOB

10/26/97 5246'-5252' **Frac C sand as follows:**
 97,700# of 20/40 sand in 514 bbls of Boragel. Breakdown @ 3684 psi. Treated @ avg rate of 24.5 bpm w/avg press of 1950 psi. ISIP-2727 psi, 5-min 2646 psi. Flowback on 12/64" ck for 2 hours and died.

10/29/97 4561'-4578' **Frac GB sands as follows:**
 130,000# of 20/40 sand in 572 bbls of Boragel. Breakdown @ 2051 psi. Treated @ avg rate of 24.2 bpm w/avg press of 1700psi. ISIP-2523 psi, 5-min 2494 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

Cement Top



PERFORATION RECORD

10/25/97 5246'-5252' 4 JSPF 24 holes
 10/28/97 4561'-4578' 4 JSPF 68 holes

4561' - 78'
 Anchor @ 5189'
 5246' - 52'
 SN @ 5286'
 EOT @ 5353'
 PBTB @ 6126'
 TD @ 6200'



Inland Resources Inc.

Tar Sands Federal #8-29

1980 FNL 660 FEL
 SENE Section 29-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31922; Lease #U-74869

Tar Sands Federal #9-29

Spud Date: 12/11/97
 Put on Production: ?/98
 GL: 5183' KB: 5193'

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (292')
 DEPTH LANDED: 302' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 143 jts. (6070')
 DEPTH LANDED: 6080' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 280 sk Hibond mixed & 340 sxs thixotropic
 CEMENT TOP AT:

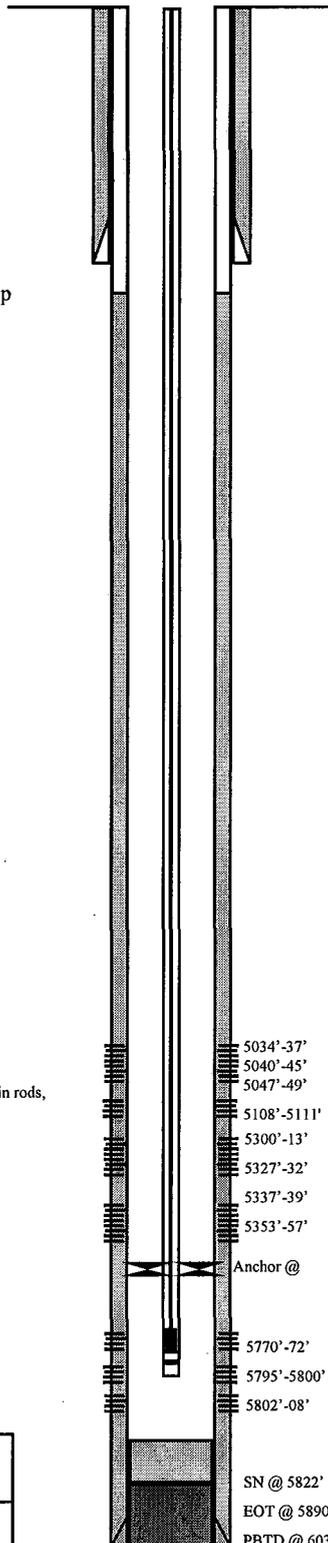
TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 184 jts
 TUBING ANCHOR: 5695'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5890')
 SN LANDED AT: 5822'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 95-3/4" scraped, 4-3/4" guided rods, 128-3/4" plain rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 15 RHAC rod pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 10 SPM
 LOGS: DIGL/SP/GR/CAL (6094'-301')
 DSN/SDL/GR (6064'-3000')

Cement Top



FRAC JOB

1/17/98 5430'-5438' Frac A sand as follows:
 104,400# of 20/40 sand in 515 bbls of Delta frac. Breakdown @ 3890 psi. Treated @ avg rate of 26 bpm w/avg press of 1980 psi. ISIP-2120 psi, 5-min 2033 psi. Flowback on 12/64" ck for 4 hours and died.

1/20/98 5007'-5219' Frac B/C/D sands as follows:
 127,200# of 20/40 sand in 619 bbls of Delta frac. Breakdown @ 2133 psi. Treated @ avg rate of 36.8 bpm w/avg press of 2300 psi. ISIP-1771 psi, 5-min 1600 psi. Flowback on 12/64" ck for 3 hours and died.

1/22/98 4455'-4495' Frac GB sand as follows:
 123,300# of 20/40 sand in 546 bbls of Delta frac. Breakdown @ 2883 psi. Treated @ avg rate of 28.1 bpm w/avg press of 1599 psi. ISIP-2123 psi, 5-min 1941 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

PERFORATION RECORD

Date	Depth Range	Number of JSPF	Number of Holes
1/16/98	5430'-5438'	4 JSPF	32 holes
1/18/98	5007'-5009'	4 JSPF	8 holes
1/18/98	5101'-5103'	4 JSPF	8 holes
1/18/98	5122'-5125'	4 JSPF	12 holes
1/18/98	5136'-5141'	4 JSPF	20 holes
1/18/98	5200'-5203'	4 JSPF	12 holes
1/18/98	5217'-5219'	4 JSPF	8 holes
1/21/98	4455'-4466'	4 JSPF	44 holes
1/21/98	4478'-4483'	4 JSPF	20 holes
1/21/98	4486'-4495'	4 JSPF	36 holes



Inland Resources Inc.

Tar Sands Federal #9-29

1980 FSL 660 FEL
 NESE Section 29-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31942; Lease #U-74869

Tar Sands Federal #4-28

Spud Date: 7/6/96
 Put on Production: 8/16/96
 GL: 5219' KB: 5232'

Initial Production: 125 BOPD,
 154 MCFPD, 7 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (292.75')
 DEPTH LANDED: 291.15' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 3 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts. (6389.17')
 DEPTH LANDED: 6385.17' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 290 sk Hyfill mixed & 380 sxs thixotropic
 CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 202 jts
 TUBING ANCHOR: 6001'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 6102')
 SN LANDED AT: 6033'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 8-1" scraped, 132-3/4" slick rods, 100-3/4" scraped
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 8 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

8/2/96 6260'-6267' **Frac CP-5 sand as follows:**
 82,600# of 20/40 sand in 404 bbls of Boragel. Screened out w/1355 gals into flush. Screened out w/7# gal sand on formation. Est 49,700# sand in formation & 32,000# sand left in csg. Breakdown @ 2910 psi. Treated at avg rate of 19.2 bpm w/avg press of 2600 psi. ISIP-3709 psi, 5-min 2679 psi. Flowback on 16/64" ck for 1-1/2 hrs & died.

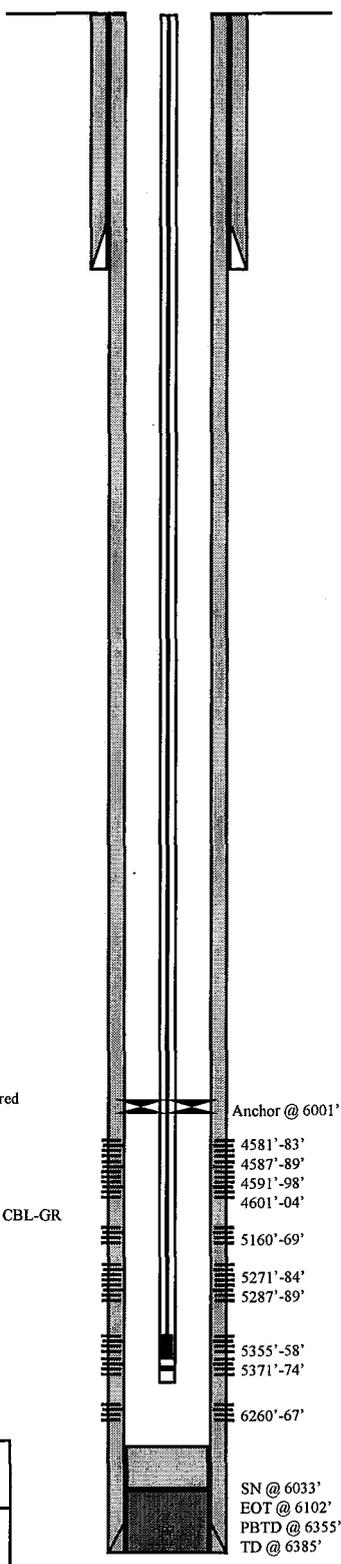
8/5/96 5271'-5374' **Frac B-1 and C sands as follows:**
 82,000# of 20/40 sand in 461 bbls of Boragel. Breakdown @ 1730 psi. Treated @ avg rate of 21.7 bpm w/avg press of 1550 psi. ISIP-2538 psi, 5-min 2372 psi. Flowback on 16/64" ck for 1 hr & died.

8/7/96 5160'-5169' **Frac D-2 sand as follows:**
 77,300# of 20/40 sand in 438 bbls of Boragel. Breakdown @ 1060 psi. Treated @ avg rate of 18.3 bpm w/avg press of 1800 psi. ISIP-1737 psi, 5-min 1649 psi. Flowback on 16/64" ck for 2 hrs and died.

8/9/96 4581'-4604' **Frac GB-4 and GB-6 sands as follows:**
 77,800# of 20/40 sand in 415 bbls of Boragel. Breakdown @ 2432 pis. Treated at avg rate of 16.3 bpm w/avg press of 200 psi. ISIP-2718 psi, 5-min 2364 psi. Flowback on 12/16" ck for 3 hrs and died.

PERFORATION RECORD

Date	Interval	Tool	Holes
8/1/96	6260'-6267'	4 JSPF	32 holes
8/3/96	5371'-5374'	4 JSPF	12 holes
8/3/96	5355'-5358'	4 JSPF	12 holes
8/3/96	5271'-5284'	4 JSPF	12 holes
8/3/96	5287'-5289'	4 JSPF	8 holes
8/7/96	5160'-5169'	4 JSPF	36 holes
8/8/96	4581'-4583'	4 JSPF	12 holes
8/8/96	4587'-4589'	4 JSPF	12 holes
8/8/96	4591'-4598'	4 JSPF	32 holes
8/8/96	4601'-4604'	4 JSPF	16 holes



SN @ 6033'
 EOT @ 6102'
 PBTD @ 6355'
 TD @ 6385'

Inland Resources Inc.

Tar Sands Federal #4-28

653.8 FWL 785 FNL

NWNW Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-31641; Lease #U-74870

Tar Sands Federal #3-28

Spud Date: 5/18/96
 Put on Production: 7/20/96
 GL: 5236' KB: 5249'

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (290.77')
 DEPTH LANDED: 288.77' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 3 bbbs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts. (6415.30')
 DEPTH LANDED: 6411.30' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sk Hyfill mixed & 365 sxs thixotropic
 CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 204 jts
 TUBING ANCHOR: 5577'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5871')
 SN LANDED AT: 5611'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-3/4" scraped, 120-3/4" slick rods, 96-3/4" scraped
 PUMP SIZE: 2-1/2" x 1-1/2" x 16 x 17 RHAC
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 6 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

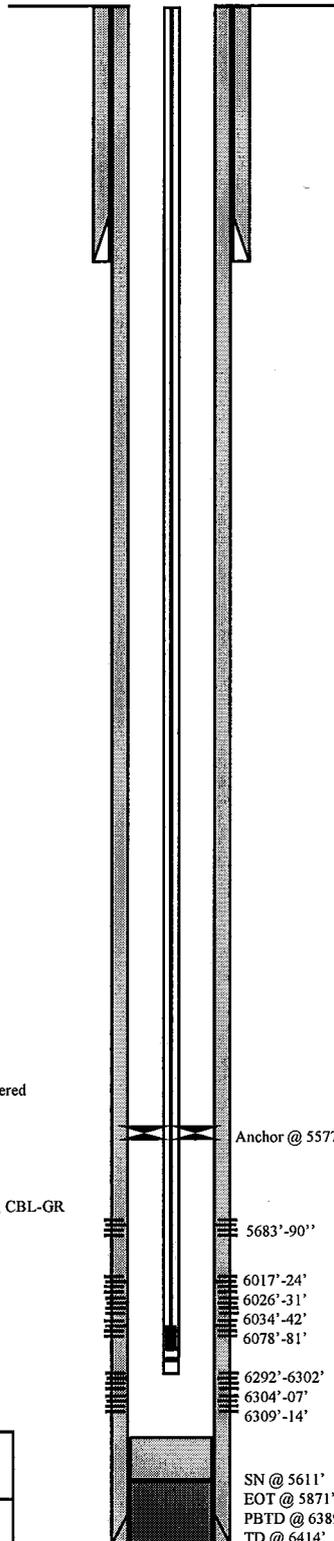
7/8/96 6292'-6314' **Frac CP-5 sand as follows:**
 66,100# of 20/40 sand w/421 bbbs of Boragel. Brokedown @ 2770 psi, treated @ avg press 1880#, avg rate 20.3. ISIP-2305, 5-min 2097. Flowback after 5 min on 16/64" choke for 6-1/2 hrs & died.

7/10/96 6017'-6081' **Frac CP-1 and CP-2 sands as follows:**
 96,500# of 20/40 sand in 509 bbbs of Boragel. Breakdown @ 1760 psi. Treated @ avg rate of 20.5 bpm w/avg press of 1800 psi. ISIP-2547 psi, 5-min 2346 psi.. Flowback after 5 min on 16/64" ck for 3-1/2 hrs & died.

7/12/96 5683'-5690' **Frac A-1 sand as follows:**
 82,000# 20/40 sand in 436 bbbs of Boragel. Breakdown @ 2578 psi, treated @ avg rate 16 bpm w/avg press 1850 psi. ISIP-1925 psi, 5-min 1822 psi. Flowback on 16/64" ck for 3-1/2 hrs until dead.

PERFORATION RECORD

6/28/96	6292'-6302'	4 JSPF	40 holes
6/28/96	6304'-6307'	4 JSPF	12 holes
6/28/96	6309'-6314'	4 JSPF	20 holes
7/9/96	6017'-6024'	4 JSPF	28 holes
7/9/96	6026'-6031'	4 JSPF	20 holes
7/9/96	6034'-6042'	4 JSPF	32 holes
7/9/96	6078'-6081'	4 JSPF	12 holes
7/11/96	5683'-5690'	4 JSPF	28 holes





Inland Resources Inc.

Tar Sands Federal #3-28

474 FNL 2050 FWL

NENW Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-31623; Lease #U-74870

Tar Sands Federal #6-28

Spud Date: 9/17/97
 Put on Production: 10/29/97
 GL: 5215.3' KB: 5228.3'

Initial Production: 154 BOPD,
 107 MCFPD, 13 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (268')
 DEPTH LANDED: 278' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts. (6203')
 DEPTH LANDED: 6213' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 305 sxs Hibond mixed & 340 sxs thixotropic
 CEMENT TOP AT:

TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#
 NO. OF JOINTS: 191 jts
 TUBING ANCHOR: 5941'
 SEATING NIPPLE: 2 - 7/8"
 TOTAL STRING LENGTH: ?
 SN LANDED AT: 6006'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-1 1/2" wt rods; 4-3/4" scraped; 135-3/4" plain; 94-3/4" scraped; 1-2' x 3/4" pony rod
 PUMP SIZE: 2-1/2" x 1-1/2" x 16 RHAC rod pump
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 9 SPM
 LOGS: DIGL/SP/GR/CAL (6222'-280')
 DSN/SDL/GR (6195'-3000')

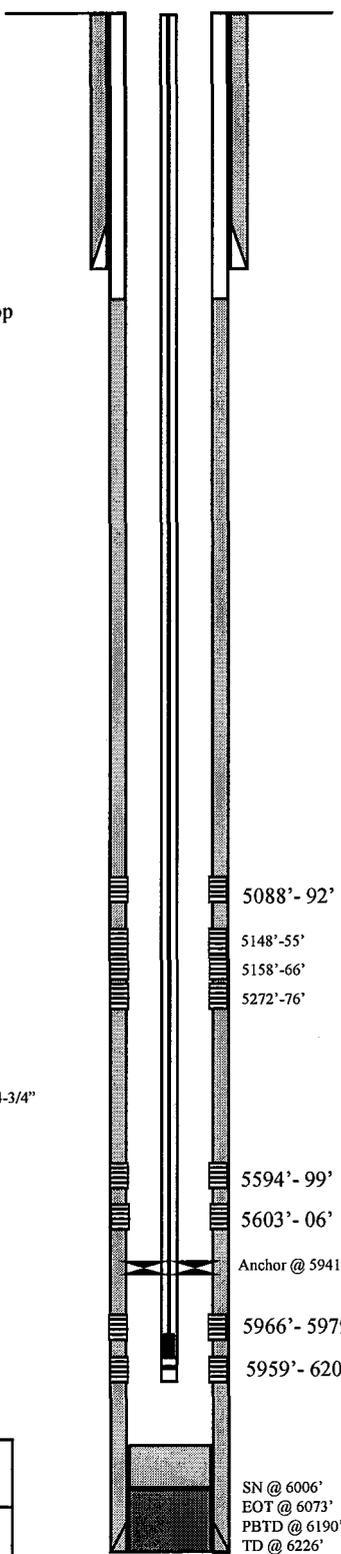
FRAC JOB

10/14/97 5959'-5979' **Frac CP sand as follows:**
 85,600# of 20/40 sand in 496 bbls of Boragel. Breakdown @ 2846 psi. Treated @ avg rate of 26.2 bpm w/avg press of 2450 psi. ISIP-2545 psi, 5-min 2225 psi. Flowback on 12/64" ck for 3 - hours and died.

10/15/97 5594'-5606' **Frac A sand as follows:**
 113,300# of 20/40 sand in 579 bbls of Boragel. Breakdown @ 2666 psi. Treated @ avg rate of 26 bpm w/avg press of 1700 psi. ISIP-2781 psi, 5-min 2662 psi. Flowback on 12/64" ck for 3 hours and died.

10/17/97 5088'-5276' **Frac D/C sand as follows:**
 143,100# of 20/40 sand in 658 bbls of Boragel. Breakdown @ 2240 psi, then broke again @ 3320 psi. Treated @ avg rate of 40 BPM w/avg press of 2210 psi. ISIP-2583 psi, 5 min 2509 psi. Flowback on 12/64" ck for 4 hrs & died.

Cement Top



PERFORATION RECORD

Date	Interval	Tool	Holes
10/12/97	5959' - 6200'	4 JSPF	12 holes
10/12/97	5966' - 5979'	4 JSPF	52 holes
10/15/97	5594' - 5599'	4 JSPF	20 holes
10/15/97	5603' - 5606'	4 JSPF	12 holes
10/17/97	5088' - 5092'	4 JSPF	16 holes
10/17/97	5148' - 5155'	4 JSPF	28 holes
10/17/97	5158' - 5166'	4 JSPF	32 holes
10/17/97	5272' - 5276'	4 JSPF	16 holes

SN @ 6006'
 EOT @ 6073'
 PBTB @ 6190'
 TD @ 6226'



Inland Resources Inc.

Tar Sands Federal #9-28

1980 FNL 1980 FWL

SENW Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-31921; Lease #U-76241

Tar Sands Federal #12-28

Initial Production: NONE

Spud Date: 12/20/97
Plugged: 1/9/98
GL: 5171' KB: 5184'

Plugging Diagram

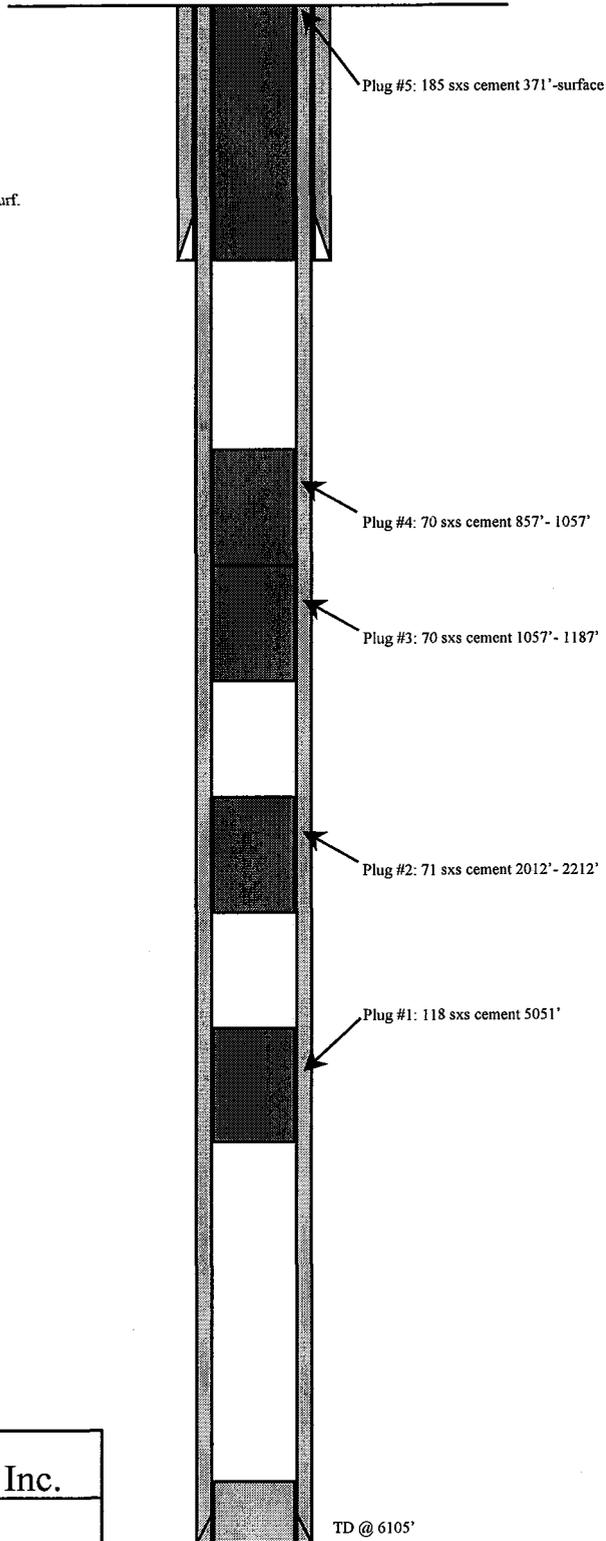
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 294' (7 jts)
DEPTH LANDED: 304'
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

TUBING

SUCKER RODS



TD @ 6105'

	Inland Resources Inc.
	Tar Sands Federal #12-28
	1966 FSL 611 FWL
	NWSW Section 28-T8S-R17E
	Duchesne County, Utah
API #43-013-31943; Lease #U-76241	

Tar Sands Federal #13-28

Spud Date: 7/31/97
 Put on Production: 8/29/97
 GL: 5139' KB: 5152'

Initial Production: 116 BOPD,
 297 MCFPD, 3 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (305.30')
 DEPTH LANDED: 315.70' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6040')
 DEPTH LANDED: 6040' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 345 sxs Hibond mixed & 305 sxs thixotropic
 CEMENT TOP AT: 1054' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#
 NO. OF JOINTS: 186 jts
 TUBING ANCHOR: 5768'
 SEATING NIPPLE: 2 - 7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5901')
 SN LANDED AT: 5833'

SUCKER RODS

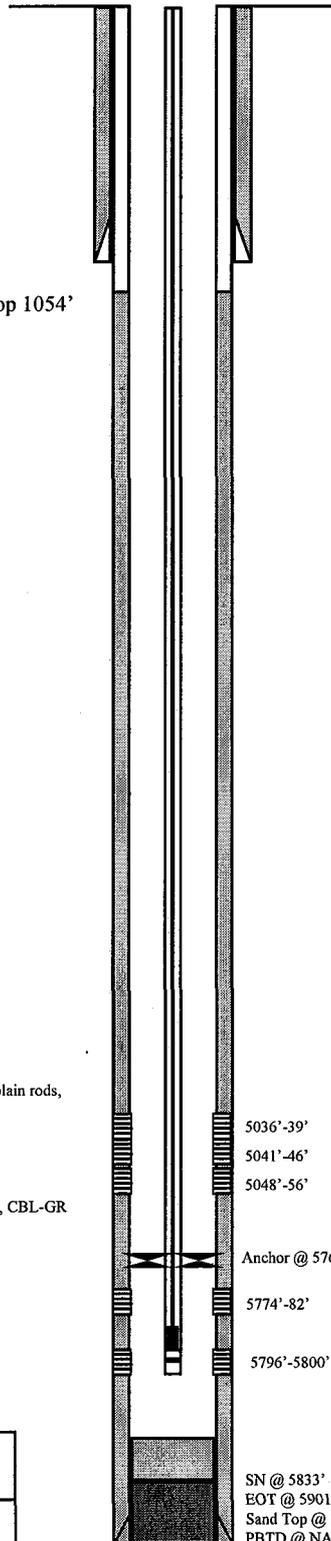
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 96-3/4" scraped, 4-1-1/2" guided rods, 128-3/4" plain rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
 STROKE LENGTH: 72"
 PUMP SPEED, SPM: 7 - 1/2 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

8/24/97 5774'-5800' **Frac CP sand as follows:**
 86,600# of 20/40 sand in 470 bbls of Boragel. Breakdown @ 2144psi. Treated @ avg rate of 24.5 bpm w/avg press of 1500 psi. ISIP-1800 psi, 5-min 1594 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

8/2797 5036'-5056' **Frac C sands as follows:**
 96,200# of 20/40 sand in 479 bbls of # Boragel. Breakdown @ 1993 psi. Treated @ avg rate of 24.5 bpm w/avg press of 2175 psi. ISIP-2930 psi, 5-min 2665 psi. Flowback on 12/64" ck for 2 hours and died.

Cement Top 1054'



PERFORATION RECORD

Date	Interval	Tool	Holes
8/23/97	5796'-5800'	4 JSPF	16 holes
8/23/97	5774'-5782'	4 JSPF	32 holes
8/26/97	5048'-5056'	4 JSPF	32 holes
8/26/97	5041'-5046'	4 JSPF	20 holes
8/26/97	5036'-5039'	4 JSPF	12 holes



Inland Resources Inc.

Tar Sands Federal #13-28

497 FWL 657 FSL
 NENE Section 28-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31771; Lease #U-76241

Attachment F

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

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

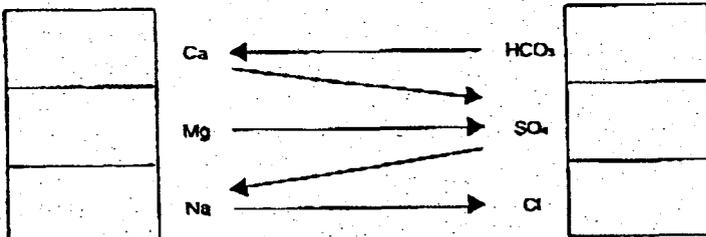
WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-14-98
Source Johnson Water
FRESH WATER Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	<u>7.0</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>593</u>	
5. Alkalinity (CaCO ₃)		<u>0</u>	÷ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>300</u>	÷ 61 <u>5</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>35</u>	÷ 35.5 <u>1</u> Cl
9. Sulfates (SO ₄)		<u>110</u>	÷ 48 <u>2</u> SO ₄
10. Calcium (Ca)		<u>44</u>	÷ 20 <u>2</u> Ca
11. Magnesium (Mg)		<u>22</u>	÷ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO ₃)		<u>200</u>	
13. Total Iron (Fe)		<u>2.2</u>	
14. Manganese			
15. Phosphate Residuals			

*Mill equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>1</u>			<u>84</u>
Na ₂ SO ₄	71.03	<u>2</u>			<u>142</u>
NaCl	58.46	<u>1</u>			<u>59</u>

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

REMARKS _____

Attachment G

**Tar Sands Federal #5-28
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5960	5976	5968	2203	0.80	2174
5572	5626	5599	1804	0.76	1810 ←
5264	5363	5314	2425	0.89	2394
5142	5161	5152	2118	0.84	2082
Minimum					<u>1810</u>

Calculation of Maximum Surface Injection Pressure

$$P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.005.

Frac Gradient is obtained from the service company's frac summary report.



DAILY COMPLETION REPORT

WELL NAME Tar Sands Fed 5-281 **Report Date** 8/22/97 **Completion Day** 3
Present Operation Perf A sand. **Rig** Basin #2

WELL STATUS

Surf Csg: 8-5/8 @ 292' KB **Liner** **@** **Prod Csg** 5-1/2 @ 6300 **Csg PBTD** 6265
Tbg: **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT @** **BP/Sand PBTD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP	5960-66'	4/24			
CP	5968-76'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/21/97 **SITP:** 0 **SICP** 0

IFL @ 5600'. Made 3 swab runs, rec 7 BW. FFL @ 6000'. TOH w/tbg. NU isolation tool. RU Halliburton & frac CP sands w/91,900# 20/40 sd in 510 bbls Boragel. Perfs broke dn @ 2863 psi. Treated @ ave press of 2000 psi w/ave rate of 24.3 bpm. ISIP: 2203 psi, 5 min: 1975 psi. Flowback on 12/64 choke for 3-1/2 hrs & died. Rec 170 BTF (est 33% of load). SIFN w/est 340 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>510</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>170</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>340</u>	Cum oil recovered	<u>0</u>
IFL <u>5600</u> FFL <u>6000</u> FTP <u> </u>		Choke <u> </u> Final Fluid Rate <u> </u>	Final oil cut <u>0</u>

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand frac
Company: Halliburton
Procedure:
2500 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
8000 gal w/6-8 ppg of 20/40 sd
4044 gal w/8-10 ppg of 20/40 sd
Flush w/5876 gal of 10# Linear gel.

COSTS

Basin rig	<u>695</u>
BOP	<u>140</u>
Tanks	<u>45</u>
Wtr	<u>600</u>
HOT	<u>715</u>
Frac	<u>20,016</u>
Flowback - super	<u>150</u>
IPC Supervision	<u>200</u>

Max TP 2863 **Max Rate** 24.8 **Total fluid pmpd:** 510 bbls
Avg TP 2000 **Avg Rate** 24.3 **Total Prop pmpd:** 91,900#
ISIP 2203 **5 min** 1975 **10 min** **15 min**

Completion Supervisor: Gary Dietz

DAILY COST: \$22,561
TOTAL WELL COST: \$201,055



DAILY COMPLETION REPORT

WELL NAME Tar Sands Fed 5-281 Report Date 8/24/97 Completion Day 5
 Present Operation Perf C/B sands Rig Basin #2

WELL STATUS

Surf Csg: 8-5/8 @ 292' KB Liner @ Prod Csg 5-1/2 @ 6300 Csg PBDT 6265
 Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP/Sand PBDT: 5850

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
A	5572-83'	4/44			
A	5612-26'	4/56			
CP	5960-66'	4/24			
CP	5968-76'	4/32			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/23/97 SITP: 0 SICP 200

Bleed gas off csg. IFL @ 2400'. Made 5 swab runs, rec 30 BTF w/tr oil & heavy sd. FFL @ 3100'. TIH w/tbg. Tag sd @ 5880' (20' sd over RBP @ 5900'). TOH w/tbg. TIH w/5-1/2" RBP & tbg. Set plug @ 5850'. Pull EOT to 5784'. IFL @ 2300'. Made 8 swab runs, rec 35 BTF w/tr oil & sm amt of fine sd on last run. FFL @ 3400'. TOH w/tbg. NU isolation tool. RU Halliburton & frac A sands w/106,800# 20/40 sd in 545 bbls Boragel. Perfs broke @ 1801 psi. Treated @ ave press of 1200 psi w/ave rate of 26.3 BPM. ISIP: 1804 psi, 5 min: 1711 psi. Flowback on 12/64 choke for 3 hrs & died. Rec 128 BTF (est 23% of load). SIFN w/est 570 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>218</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>352</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>570</u>	Cum oil recovered	<u>0</u>
IFL <u>2300</u>	FFL <u>3400</u>	FTP <u> </u>	Choke <u>12/64</u> Final Fluid Rate <u> </u> Final oil cut <u> </u> tr.

STIMULATION DETAIL

Base Fluid used: Boragel Job Type: Sand frac
 Company: Halliburton
 Procedure:
3000 gal of pad.
1000 gal w/1-6 ppg of 20/40 sd
8000 gal w/6-8 ppg of 20/40 sd
4000 gal w/8-10 ppg of 20/40 sd
1431 gal w/10 ppg of 20/40 sd
Flush w/5479 gal of 10# Linear gel.

COSTS

Basin rig	<u>1,909</u>
BOP	<u>140</u>
Tanks	<u>45</u>
Wtr	<u>600</u>
HOT	<u>720</u>
Frac	<u>21,173</u>
Flowback - super	<u>150</u>
IPC Supervision	<u>300</u>
RBP	<u>600</u>

Max TP	<u>2000</u>	Max Rate	<u>28</u>	Total fluid pmpd:	<u>545 bbls</u>
Avg TP	<u>1200</u>	Avg Rate	<u>26.3</u>	Total Prop pmpd:	<u>106,800#</u>
ISIP	<u>1804</u>	5 min	<u>1711</u>	10 min	<u> </u>
Completion Supervisor:	<u>Gary Dietz</u>				

DAILY COST:	<u>\$25,637</u>
TOTAL WELL COST:	<u>\$231,464</u>



DAILY COMPLETION REPORT

WELL NAME Tar Sands Fed 5-281 Report Date 8/27/97 Completion Day 7
 Present Operation Perf D sand. Rig Basin #2

WELL STATUS

Surf Csg: 8-5/8 @ 292' KB Liner @ Prod Csg 5-1/2 @ 6300 Csg PBDT 6265
 Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP/Sand PBDT: 5523

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C/B	5264-74'	4/40	CP	5968-76'	4/32
C/B	5339-45'	4/24			
C/B	5357-63'	4/24			
A	5572-83'	4/44			
A	5612-26'	4/56			
CP	5960-66'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/26/97 SITP: SICP 100

Bleed gas off well. IFL @ 3000'. Made 10 swab runs, rec 38 BTF w/tr oil & light gas. FFL @ 5300'. TOH w/tbg. NU isolation tool. RU Halliburton to frac C/B sands w/95,500# 20/40 sd in 487 bbls Boragel. Perfs broke dn @ 2306 psi. Treated @ ave press of 2100 psi w/ave rate of 24.5 bpm. ISIP: 2425 psi, 5 min: 2206 psi. Flowback on 12/64" choke for 2-1/2 hrs & died. Rec 145 BTF (est 30% of load). SIFN w/est 773 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>469</u>	Starting oil rec to date	<u>0</u>
Fluid lost recovered today	<u>304</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>773</u>	Cum oil recovered	<u>0</u>
IFL <u>3000</u> FFL <u>5300</u> FTP <u> </u>		Choke <u>12/64</u> Final Fluid Rate <u> </u>	Final oil cut <u> </u> tr.

STIMULATION DETAIL

Base Fluid used: Boragel Job Type: Sand Frac
 Company: Halliburton
 Procedure:
2500 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
8000 gal w/6-8 ppg of 20/40 sd
3787 gal w/8-10 ppg of 20/40 sd
Flush w/5179 gal of 10# Linear gel.

COSTS

Basin rig	<u>1,288</u>
BOP	<u>140</u>
Tanks	<u>45</u>
Wtr	<u>600</u>
HOT	<u>740</u>
Frac	<u>20,041</u>
Flowback - super	<u>100</u>
IPC Supervision	<u>200</u>

Max TP	<u>2510</u>	Max Rate	<u>25</u>	Total fluid pmpd:	<u>487 bbls</u>
Avg TP	<u>2100</u>	Avg Rate	<u>24.5</u>	Total Prop pmpd:	<u>95,500#</u>
ISIP	<u>2425</u>	5 min	<u>2206</u>	10 min	<u> </u>
Completion Supervisor:	<u>Gary Dietz</u>				

DAILY COST:	<u>\$23,154</u>
TOTAL WELL COST:	<u>\$259,599</u>



DAILY COMPLETION REPORT

WELL NAME Tar Sands Fed 5-281 **Report Date** 8/29/97 **Completion Day** 9
Present Operation Pull Plugs. **Rig** Basin #2

WELL STATUS

Surf Csg: 8-5/8 @ 292' KB **Liner** **@** **Prod Csg** 5-1/2 @ 6300 **Csg PBTB** 6265
Tbg: **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT @** **BP/Sand PBTB:** 5194

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D	5142-45'	4/12	A	5612-26'	4/56
D	5150-61'	4/44	CP	5960-66'	4/24
C/B	5264-74'	4/40	CP	5968-76'	4/32
C/B	5339-45'	4/24			
C/B	5357-63'	4/24			
A	5572-83'	4/44			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/28/97 **SITP:** 0 **SICP:** 0

IFL @ 4700'. Made 3 swab runs, rec 6 BTF. FFL @ 5000'. TOH w/tbg. NU Isolation tool. RU Halliburton to frac D sand w/87,200# 20/40 sd in 457 bbls Boragel. Perfs broke dn @ 3194 psi. Treated @ ave press of 1560 psi w/ave rate of 22.3 bpm. ISIP: 2118 psi, 5 min: 2044 psi. Flowback on 12/64" choke for 2 hrs & died. Rec 96 BTF (est 21% of load). SIFN w/est 1019 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>664</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>355</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1019</u>	Cum oil recovered	<u>0</u>
IFL <u>4700</u> FFL <u>5000</u> FTP <u> </u>		Choke <u>12/64</u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand frac
Company: Halliburton
Procedure:
2500 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
8000 gal w/6-8 ppg of 20/40 sd
2634 gal w/8-10 ppg of 20/40 sd
Flush w/5059 gal of 10# Linear gel.

COSTS

Basin rig	<u>753</u>
BOP	<u>140</u>
Tanks	<u>45</u>
Wtr	<u>825</u>
HOT	<u>798</u>
Frac	<u>19,523</u>
Flowback - super	<u>100</u>
IPC Supervision	<u>200</u>

Max TP 3194 **Max Rate** 22.8 **Total fluid pmpd:** 457 bbls
Avg TP 1560 **Avg Rate** 22.3 **Total Prop pmpd:** 87,200#
ISIP 2118 **5 min** 2044 **10 min** **15 min**

Completion Supervisor: Gary Dietz

DAILY COST: \$22,384
TOTAL WELL COST: \$286,071

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 188' plug from 5670'-5858' with 30 sxs Class "G" cement.
2. Plug #2 Set 207' plug from 5200'-5407' with 30 sxs Class "G" cement.
3. Plug #3 Set 227' plug from 4934'-5161' with 30 sxs Class "G" cement.
4. Plug #4 Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
5. Plug #5 Set 100' plug from 231'-331' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
6. Plug #6 Set 50' plug from surface with 10 sxs Class "G" cement.
7. Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 281' to surface.

The approximate cost to plug and abandon this well is \$18,000.

Tar Sands Federal #5-28I

Spud Date: 7/18/97
 Put on Injection: --/--/--
 GL: 5240' KB: 5252'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (282.09')
 DEPTH LANDED: 280.67' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 9 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6015.92')
 DEPTH LANDED: 6026' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 470 sk Hibond mixed & 450 sxs thixotropic
 CEMENT TOP AT: 1000' per CBL

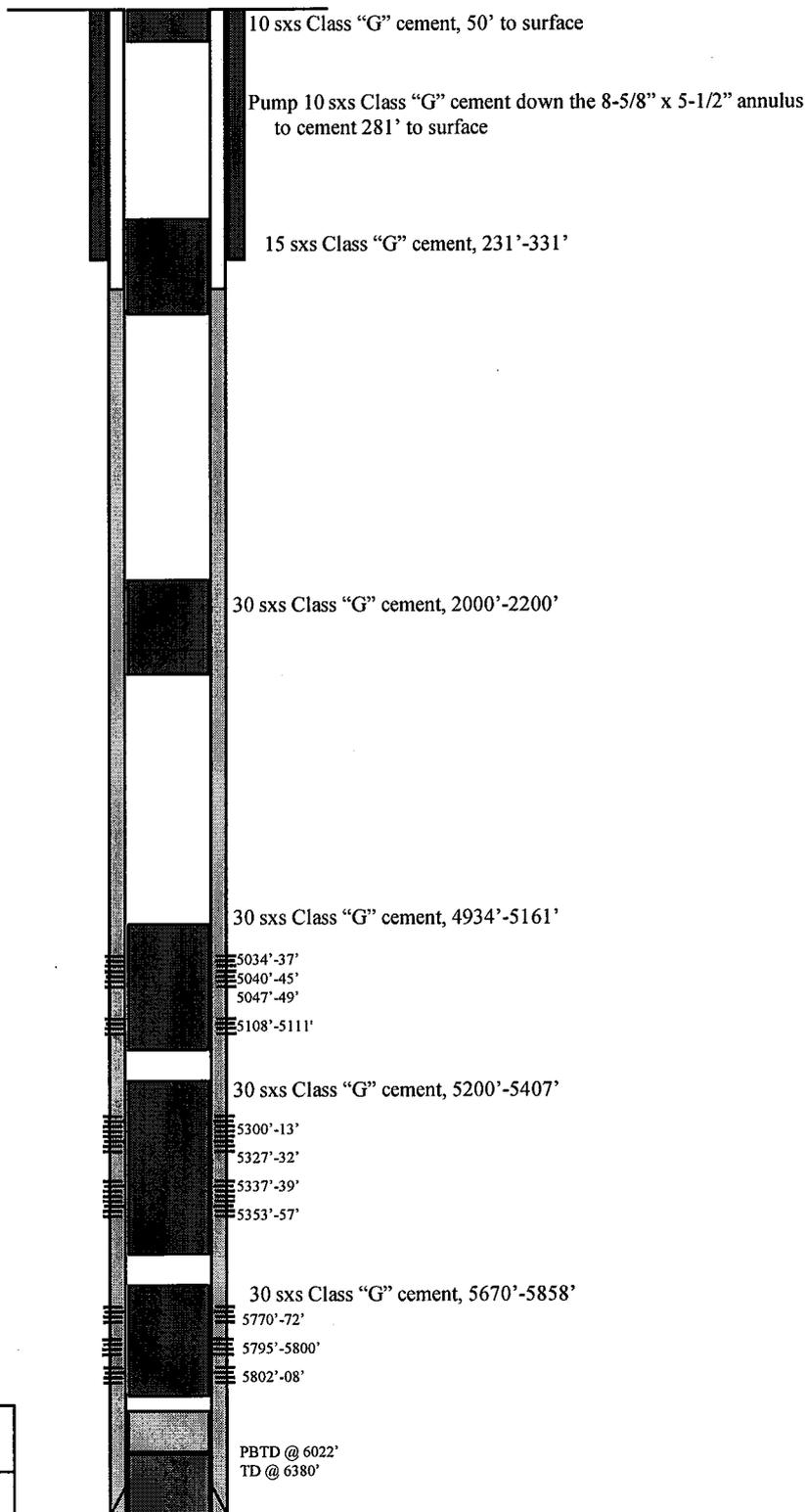
TUBING

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

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 LOGS:

Proposed P&A
 Diagram





Inland Resources Inc.

Tar Sands Federal #5-28I

660 FWL 1980 FNL
 NENE Section 28-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31697; Lease #U-74870

*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
BOUNDARY FEDERAL #10-20	P&A	N/A	08S	17E	20	10	#N/A	
TAR SANDS FEDERAL 12-28	P&A	INLAND	08S	17E	28	12.0	#N/A	
TAR SANDS FEDERAL #32-29	P&A	N/A	08S	17E	29	7	#N/A	
BOUNDARY FEDERAL 6-20	PDP	INLAND	08S	17E	20	6.0	UMBOP001	31626 11991
BOUNDARY FEDERAL 8-20	DRL 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 (I)	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.

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. H5160

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

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

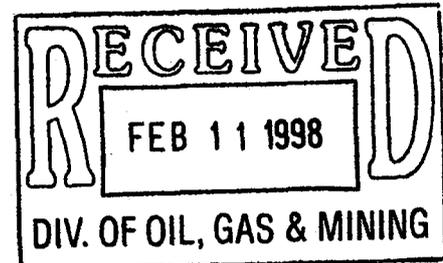
(3/89)

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



February 9, 1998

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801



RE: Permit Application for Water Injection Well
Tar Sands Federal #5-28
Monument Butte Field, Lease #U-74870
Section 28-Township 8S-Range 17E

Dear Mr. Jarvis:

Per my letter dated February 6, 1998, please find enclosed the enclosed attachments to be included in the above referenced permit application. Should you have any questions, please contact me at 382-4434.

Sincerely,

Debbie E. Knight

Debbie E. Knight
Permitting Specialist

WATER ANALYSIS REPORT

Company INLAND

Address _____

Date 02-04-98

Source TS FED. 5-28I

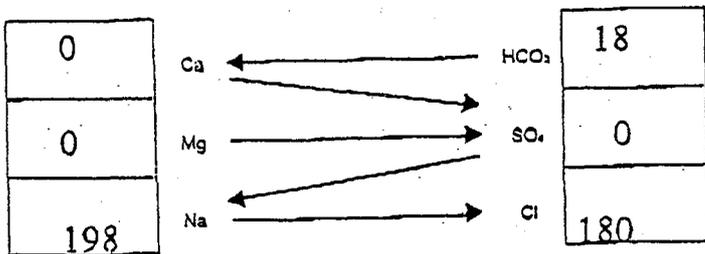
Date Sampled _____

Analysis No. _____

	Analysis	mg/l(ppm)	*Meq/l
1. PH	<u>9.2</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.012</u>		
4. Dissolved Solids		<u>12,002</u>	
5. Alkalinity (CaCO ₃)		<u>60</u>	+ 30 <u>2</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>980</u>	+ 61 <u>16</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>6,400</u>	+ 35.5 <u>180</u> Cl
9. Sulfates (SO ₄)		<u>0</u>	+ 48 <u>0</u> SO ₄
10. Calcium (Ca)		<u>8</u>	+ 20 <u>0</u> Ca
11. Magnesium (Mg)		<u>0</u>	+ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>20</u>	
13. Total Iron (Fe)		<u>0.5</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Eqiv. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		<u>18</u>		<u>1,512</u>
Na ₂ SO ₄	71.03				
NaCl	58.46		<u>180</u>		<u>10,523</u>

Saturation Values

Distilled Water 20°C

CaCO₃

13 Mg/l

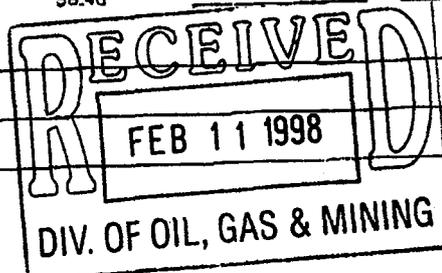
CaSO₄ · 2H₂O

2,090 Mg/l

MgCO₃

103 Mg/l

REMARKS _____



AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
 LOCATION:
 SYSTEM:

02-06-98

WATER DESCRIPTION:	JOHNSON WATER	TS FED. 5-281
P-ALK AS PPM CaCO3	0	100
M-ALK AS PPM CaCO3	492	1607
SULFATE AS PPM SO4	110	0
CHLORIDE AS PPM Cl	35	6400
HARDNESS AS PPM CaCO3	0	0
CALCIUM AS PPM CaCO3	110	20
MAGNESIUM AS PPM CaCO3	90	0
SODIUM AS PPM Na	92	4554
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	12002
TEMP (DEG-F)	100	100
SYSTEM pH	7	9.2

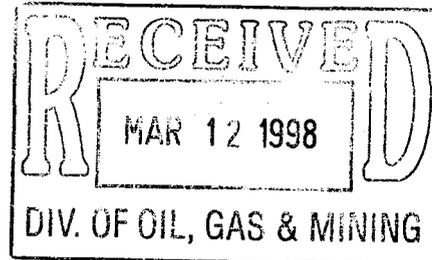
WATER COMPATIBILITY CALCULATIONS
 JOHNSON WATER AND TS FED. 5-281
 CONDITIONS: TEMP.=100AND pH=8.1
 WATER ONE IS JOHNSON WATER

DEG-F	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	.91	32	0	0	0
90	.91	30	0	0	0
80	.88	27	0	0	0
70	.84	24	0	0	0
60	.78	21	0	0	0
50	.72	18	0	0	0
40	.63	14	0	0	0
30	.54	11	0	0	0
20	.42	8	0	0	0
10	.28	4	0	0	0
0	9.50	1	0	0	0



March 10, 1998

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801



RE: Permit Application for Water Injection Well
Tar Sands Federal #5-28I
Monument Butte Field, Lease #U-74870
Section 28-Township 8S-Range 17E

Dear Mr. Jarvis:

Per our conversation yesterday, please find attached revised wellbore diagrams and a revised plugging procedure. As mentioned, the injection intervals in the application are correct, it was the wellbore diagrams that contained erroneous information. Please accept my apologies.

Sincerely,

Debbie E. Knight
Permitting Specialist

Tar Sands Federal #5-281

Spud Date: 7/18/97
 Put on Production: 9/4/97
 GL: 5240' KB: 5252'

Initial Production: 147 BOPD,
 192 MCFPD, 3 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (282.09')
 DEPTH LANDED: 280.67' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 9 bbbs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6015.92')
 DEPTH LANDED: 6026' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 470 sk Hibond mixed & 450 sxs thixotropic
 CEMENT TOP AT: 1000' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 197 jts
 TUBING ANCHOR: 5939'
 SEATING NIPPLE: 5-1/2" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 6069')
 SN LANDED AT: 6004'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 99-3/4" scraped, 4 - 1-1/2" guided rods, 136-3/4" plain rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
 STROKE LENGTH: 84"
 PUMP SPEED, SPM: 11 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

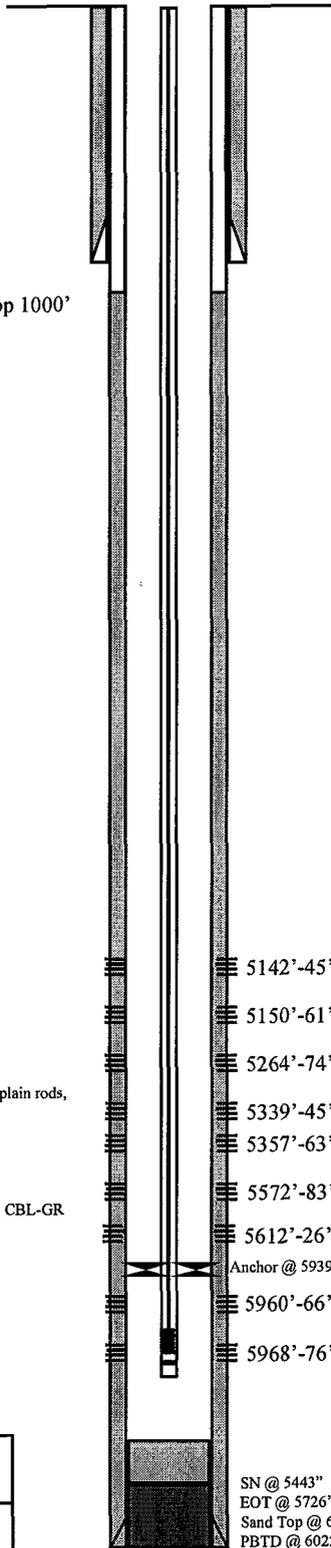
8/21/97 5960'-5966' **Frac CP sand as follows:**
 99,900# of 20/40 sand in 510 bbbs of Boragel. Breakdown @ 2863 psi. Treated @ avg rate of 24.3 bpm w/avg press of 2000 psi. ISIP-2203 psi, 5-min 1975 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

8/23/97 5572'-5626' **Frac A sands as follows:**
 106,800# of 20/40 sand in 545 bbbs of Boragel. Breakdown @ 1801 psi. Treated @ avg rate of 26.3 bpm w/avg press of 1200 psi. ISIP-1804 psi, 5-min 1711 psi. Flowback on 12/64" ck for 3 hours and died.

8/26/97 5264'-5363' **Frac C/B sand as follows:**
 95,500# of 20/40 sand in 487 bbbs of Boragel. Breakdown @ 2306 psi. Treated @ avg rate of 24.5 bpm w/avg press of 2100 psi. ISIP-2425 psi, 5-min 2206 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

8/29/97 5142'-5161' **Frac D sand as follows:**
 87,200# of 20/40 sand in 457 bbbs of Boragel. Breakdown @ 3194 psi. Treated @ avg rate of 22.3 bpm w/avg press of 1560 psi. ISIP-2118 psi, 5-min 2044 psi. Flowback on 12/64" ck for 2 hours and died.

Cement Top 1000'



PERFORATION RECORD

Date	Depth Range	Tool	Holes
8/21/97	5960'-5966'	4 JSPF	32 holes
8/21/97	5968'-5976'	4 JSPF	24 holes
8/22/97	5572'-5583'	4 JSPF	44 holes
8/22/97	5612'-5626'	4 JSPF	56 holes
8/26/97	5264'-5274'	4 JSPF	40 holes
8/26/97	5339'-5345'	4 JSPF	24 holes
8/26/97	5357'-5363'	4 JSPF	24 holes
8/28/97	5142'-5145'	4 JSPF	12 holes
8/28/97	5150'-5161'	4 JSPF	44 holes

SN @ 5443"
 EOT @ 5726'
 Sand Top @ 6008'
 PBTD @ 6022'
 TD @ 6380'



Inland Resources Inc.

Tar Sands Federal #5-281

660 FWL 1980 FNL
 NENE Section 28-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31697; Lease #U-74870

Tar Sands Federal #5-28I

Spud Date: 7/18/97
 Put on Production: 9/4/97
 GL: 5240' KB: 5252'

Initial Production: 147 BOPD,
 192 MCFPD, 3 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (282.09')
 DEPTH LANDED: 280.67' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 9 bbbs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6015.92')
 DEPTH LANDED: 6026' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 470 sk Hibond mixed & 450 sxs thixotropic
 CEMENT TOP AT: 1000' per CBL

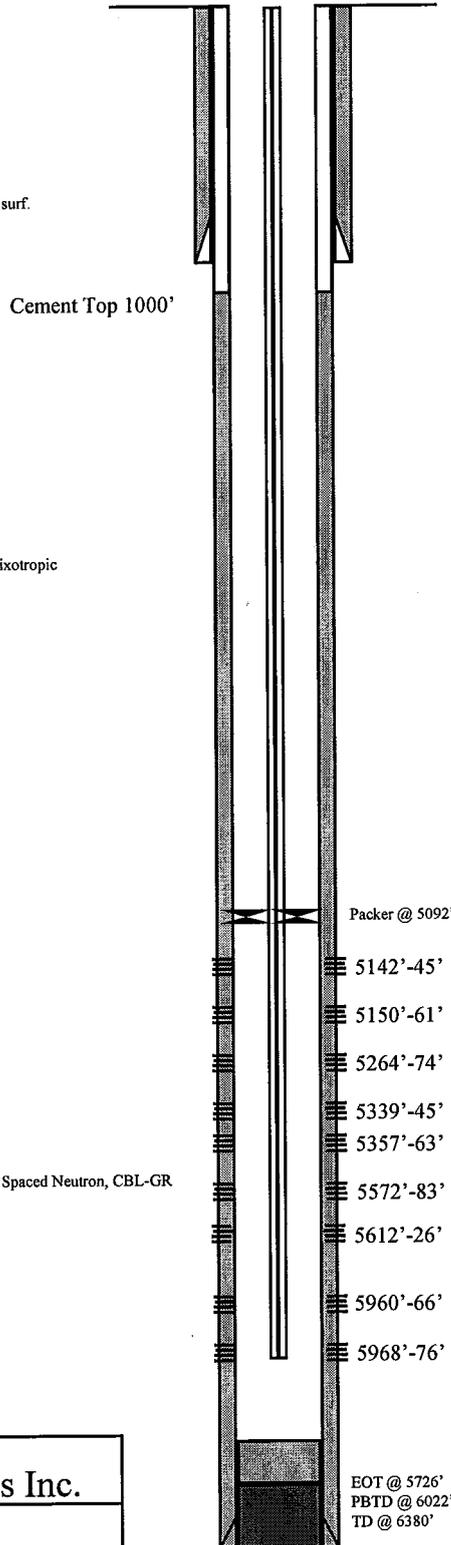
TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 197 jts
 TUBING ANCHOR: 5092'
 SEATING NIPPLE: 5-1/2" (1.10")
 TOTAL STRING LENGTH: ? (EOT @ 6069')
 SN LANDED AT:

SUCKER RODS

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

Proposed Injection Wellbore Diagram



FRAC JOB

8/21/97 5960'-5966' **Frac CP sand as follows:**
 99,900# of 20/40 sand in 510 bbbs of Boragel. Breakdown @ 2863 psi. Treated @ avg rate of 24.3 bpm w/avg press of 2000 psi. ISIP-2203 psi, 5-min 1975 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

8/23/97 5572'-5626' **Frac A sands as follows:**
 106,800# of 20/40 sand in 545 bbbs of Boragel. Breakdown @ 1801 psi. Treated @ avg rate of 26.3 bpm w/avg press of 1200 psi. ISIP-1804 psi, 5-min 1711 psi. Flowback on 12/64" ck for 3 hours and died.

8/26/97 5264'-5363' **Frac C/B sand as follows:**
 95,500# of 20/40 sand in 487 bbbs of Boragel. Breakdown @ 2306 psi. Treated @ avg rate of 24.5 bpm w/avg press of 2100 psi. ISIP-2425 psi, 5-min 2206 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

8/29/97 5142'-5161' **Frac D sand as follows:**
 87,200# of 20/40 sand in 457 bbbs of Boragel. Breakdown @ 3194 psi. Treated @ avg rate of 22.3 bpm w/avg press of 1560 psi. ISIP-2118 psi, 5-min 2044 psi. Flowback on 12/64" ck for 2 hours and died.

PERFORATION RECORD

Date	Interval	Tool	Holes
8/21/97	5960'-5966'	4 JSPF	32 holes
8/21/97	5968'-5976'	4 JSPF	24 holes
8/22/97	5572'-5583'	4 JSPF	44 holes
8/22/97	5612'-5626'	4 JSPF	56 holes
8/26/97	5264'-5274'	4 JSPF	40 holes
8/26/97	5339'-5345'	4 JSPF	24 holes
8/26/97	5357'-5363'	4 JSPF	24 holes
8/28/97	5142'-5145'	4 JSPF	12 holes
8/28/97	5150'-5161'	4 JSPF	44 holes



Inland Resources Inc.

Tar Sands Federal #5-28I

660 FWL 1980 FNL

NENE Section 28-T8S-R17E

Duchesne Co, Utah

API #43-013-31697; Lease #U-74870

EOT @ 5726'
 PBTD @ 6022'
 TD @ 6380'

Tar Sands Federal #5-281

Spud Date: 7/18/97
 Put on Production: 9/4/97
 GL: 5240' KB: 5252'

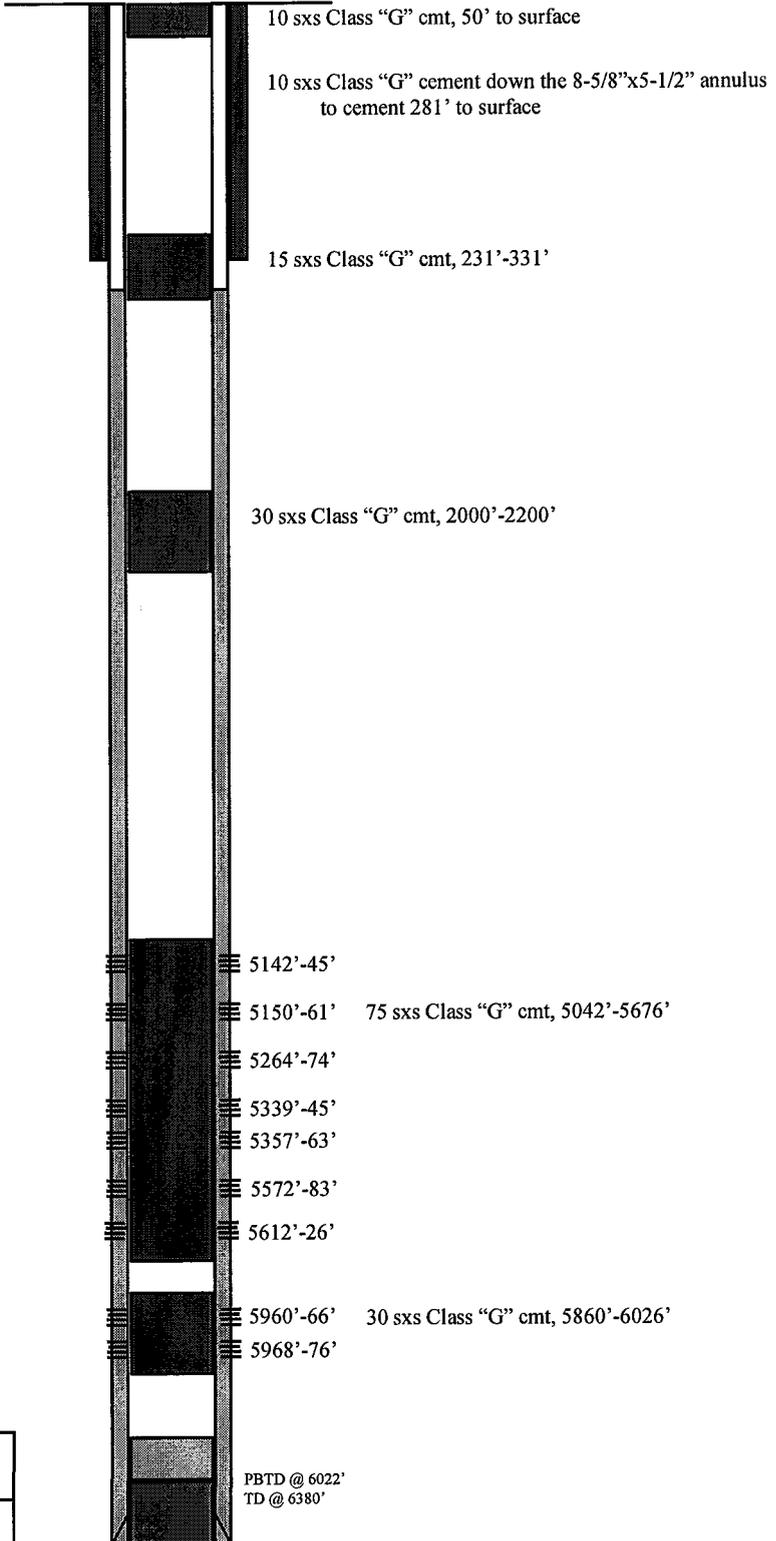
SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (282.09')
 DEPTH LANDED: 280.67' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 9 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6015.92')
 DEPTH LANDED: 6026' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 470 sk Hibond mixed & 450 sxs thixotropic
 CEMENT TOP AT: 1000' per CBL

Proposed P&A Wellbore Diagram



	Inland Resources Inc.
	Tar Sands Federal #5-281 660 FWL 1980 FNL NENE Section 28-T8S-R17E Duchesne Co, Utah API #43-013-31697; Lease #U-74870

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 166' plug from 5860'-6026' with 30 sxs Class "G" cement.
2. **Plug #2** Set 634' plug from 5042'-5676' with 75 sxs Class "G" cement.
3. **Plug #3** Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
4. **Plug #4** Set 100' plug from 231'-331' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
5. **Plug #5** Set 50' plug from surface with 10 sxs Class "G" cement.
6. Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 281' to surface.

The approximate cost to plug and abandon this well is \$18,000.

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 5-28 (I)

9. API Well No.

43-013-31697

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

WIW

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)

1980 FNL 0660 FWL SW/NW Section 28, T08S R17E

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

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

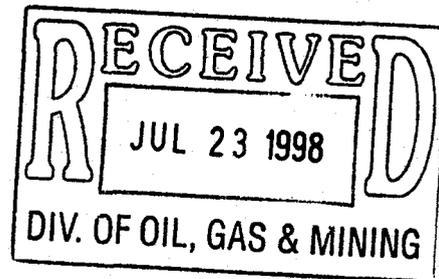
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

The above referenced well was converted from a producing oil well to a water injection well on 7-10-98. A mechanical integrity test was performed on 7-10-98. Casing was tested to 1100 psi for 1hr and 25 minutes - no pressure lost. DOGM and EPA were notified, but did not witness.

Attachments:

- Daily Workover Report
- Copy of Chart



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

Signed

Shirley E. Knight

Title

Manager, Regulatory Compliance

Date

7/20/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

*WTC
1-4-99
RSC*



Daily Workover Report

TAR SANDS FEDERAL 5-28 (I)
SW/NW Section 28, T08S R17E
DUCHESNE Co., Utah
API # 43-013-31697

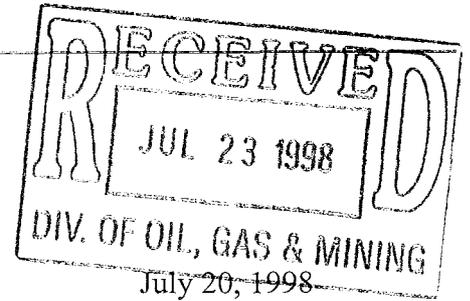
Spud Date: 7/27/97
POP: 9/4/97
TD: 6300'
WO Rig: Flint #4351

7/9/98 PO: Injection Conversion. (Day 1)

Summary: 7/8/98 - TP: 45, CP: 45. MIRUSU. Pump 80 bbls production water down csg @ 270°. Test tbg to 1300 psi w/ 10 bbls wtr. Unseat pump. Flush tbg w/ 35 bbls wtr. TOOH w/ rods laying them down on trailer as follows 1 1/2'x22' polished rod, 4'x3/4" pony rod, 99 - 3/4" guided rods, 136 - 3/4" plain rods, 4 - 1 1/2" K - Bars. Release TA. RU BOP. TOOH w/ tbg breaking every collar and applying liquid "O" ring to pins. 90 jts tbg out SIFN.
DC: \$4,100 TWC: \$4,100

7/10/98 PO: Injection Conversion. (Day 2)

Summary: 7/9/98 - Bleed well down. TOH w/tbg breaking every collar and applying liquid "O" ring to every pin. Lay down btm 30 jts tbg. PU packer and sn. TIH w/167 jts tbg. RD BOP. Pump 60 bbls production water. Pump 60 bbls packer fluid. Set packer w/16,000# tension. Test tbg and packer to 1100 psi w/ 40 bbls packer fluid. RDMOSU.
DC: \$7,900 TWC: \$12,000



Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Injection Conversion
Tar Sands Federal #5-28
Boundary Unit
Section 28-T8S-R17E
Duchesne County, Utah

Dear Mr. Jarvis:

Please find attached, Form 3160-5, Sundry Notice and Report on Wells, indicating the above referenced well has been converted to a water injection well. Should you have any questions, please contact me at (303) 382-4434.

Sincerely,

Debbie E. Knight
Manager, Regulatory Compliance

cc: Mr. Edwin Forsman, BLM

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 5-28 (I)

9. API Well No.

43-013-31697

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

WIW

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)

1980 FNL 0660 FWL SW/NW Section 28, T08S R17E

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 **First Injection**

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

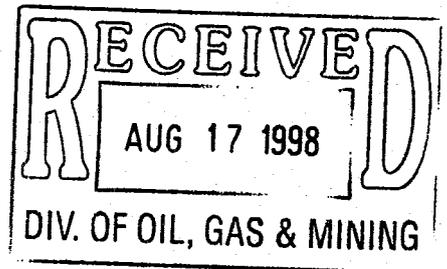
Conversion to Injection

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.)*

The above referenced well was put on injection 8-5-98.



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

Signed

Debbie Knight

Title

Manager, Regulatory Compliance

Date

8/14/98

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

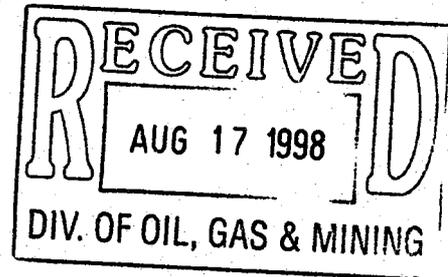
CC: UTAH DOGM



August 14, 1998

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Date of First Injection
Tar Sands Federal #5-28
Greater Boundary Unit
Section 28-T8S-R17E
Duchesne County, Utah



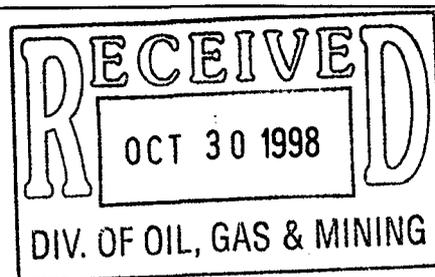
Dear Mr. Jarvis:

Please find attached, Form 3160-5, Sundry Notice and Report on Wells, indicating the date of first injection for the above referenced well. Should you have any questions, please contact me at (303) 382-4434.

Sincerely,

Debbie E. Knight
Manager, Regulatory Compliance

cc: Mr. Edwin Forsman, BLM



October 29, 1998

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

Dear Carolyn:

Please find enclosed the Production & Disposition Reports for August 1998. I have changed my computer program so that there will not be wells listed on the reports that haven't gone on production yet. This is one of the items we discussed. The only discrepancies between the models and my reports are wells that have gone on injection. I have looked through our files and it appears that all the paperwork is in order. I have deleted these wells off my reports. They are as follows:

<u>Well Name & Number</u>	<u>Entity #</u>	<u>Date of 1st Injection</u>
Monument Butte #7-26 <i>w/w</i>	12187	March 18, 1998 4301331754
Monument Butte #1-26 <i>w/w</i>	12187	January 23, 1998 4301331767
Monument State #13-2 <i>w/w</i>	12275	April 29, 1998 4301331482
Monument State #31-2 <i>w/w</i>	12275	June 4, 1998 4304732563
Wells Draw #43-5 <i>w/w</i>	12276	July 2, 1998 4301330858
Wells Draw #23-34B <i>w/w</i>	12276	June 5, 1998 4301331241
Tar Sands #5-30 <i>w/w</i>	12308	July 30, 1998 4301331620
Tar Sands #3-28 <i>w/w</i>	12391	June 25, 1998 4301331623
Tar Sands #5-28 <i>w/w</i>	12391	August 5, 1998 4301331697 28-85-17E

Please check your records and let me know if you need any further information for any of these wells. As always, thanks for your assistance. If you have any questions or need further information, please don't hesitate to call me.

Sincerely,
Kebbie S. Jones
Kebbie S. Jones
District Administrator

Enclosures

w/w NGC 12-4G 4301330699 7-2-98
w/w TAR SANDS FED 330 4301331755 7-31-98

/kj

435 646-3721



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

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

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. 225-2

Operator: Inland Production Company
Wells: Tar Sands Federal 5-28
Tar Sands Federal 3-28
Location: Section 28, Township 8 South, Range 17 East,
County: Duchesne
API No.: 43-013-31697
43-013-31623
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Wells issued by the Board of Oil, Gas and Mining on April 8, 1998 (cause # 225-2)
2. Maximum Allowable Injection Pressure: 1810 psig for the 5-28 well and 1903 psig for the 3-28 well
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Douglas Creek Member of the Green River Formation

Approved by:


John R. Baza

Associate Director, Oil And Gas

4/17/98

Date

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company

Wells: Tar Sands Fed. 5-28 and 3-28

Location: 28/8S/17E

API: 43-013-31623, 013-31697

Ownership Issues: The proposed wells are located on BLM lands. All lands in the one-half mile radius of the wells are owned by the BLM. Leases in the one-half mile radius are held Inland Production Company. A list of the lease holders, surface owners and operators was submitted with the application. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent to convert the wells to an injection wells.

Well Integrity: The proposed wells have surface casing set at approximately 280 feet and are cemented to surface. A 5 ½ inch production casing is set to total depth which is approximately 6400 feet and both have good cement bond well above the injection zone. A cement bond log verifies the tops as reported by Inland. A 2 7/8 inch tubing with a packer will be set approximately 50 feet above the uppermost perforation. A mechanical integrity test will be run on the well prior to injection. There are a total of 9 producing wells, 2 injectors and 2 plugged and abandoned wells in the area of review. All of the producers and the 2 injectors have adequate casing and cement. The two plugged wells have adequate plugs to prevent migration. No corrective action will be required.

Ground Water Protection: The base of moderately saline water is at a depth of approximately 300 feet. Numerous water flows have been encountered in the boundary unit during drilling operations. These flows have been at depths of approximately 95 feet and 195 feet. The quality of the water in these sands has been reported to be fresh. High quality ground water may be present in sands down through a depth of 300 feet. These sands are generally discontinuous, low yielding and not subject to direct recharge. Injection shall be limited Douglas Creek Member of the Green River Formation, specifically the CP, and D-2 sands. The confining intervals above and below the injection zone consists of tight, moderately calcareous sandy lacustrine shale. Information submitted by Inland indicates that the fracture gradient for the injection zone in the 5-28 well is .76 psig/ft. The resulting fracture pressure at the proposed uppermost perforation at 5142 feet is 1810 psig.

The requested maximum pressure was 1810 psi. Information submitted by Inland indicates that the fracture gradient for the injection zone in the 3-28 well is .77 psig/ft. The resulting fracture pressure at the proposed uppermost perforation at 5683 feet is 1903 psig. Injection at these pressures should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: A request for agency action and board approval has been made by Inland Production company. This request is for approval of the two wells along with a request to expand the existing Boundary Unit. The matter will be heard before the Board of Oil, Gas and Mining on March 25, 1998. From this review it appears that injection into these two wells will not create any correlative rights issues.

Bonding: The wells are located on Federal lands and proper bonds are held by the B.L.M.

Actions Taken and Further Approvals Needed: A notice of agency action was sent to the Salt Lake Tribune, the Vernal Express and the Uinta Basin Standard (Cause 225-2). BLM approval is also required. It is recommended that approval be granted to convert the wells to injection if it is determined at the hearing that there are no correlative rights issues. Approval should be granted in accordance with information submitted by Inland in their application for conversion. A casing pressure test should be conducted at the time of conversion and a casing/tubing pressure test should be conducted prior to injection.

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

Reviewer(s): D.Jarvis Date: 3/18/98

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

<p>1. SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</p> <p>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injector</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. U-74870</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A</p> <p>7. UNIT AGREEMENT NAME GREATER BOUNDARY</p> <p>8. WELL NAME and NUMBER TAR SANDS FEDERAL 5-28 (I)</p> <p>9. API NUMBER 43-013-31697</p> <p>10. FIELD AND POOL, OR WILDCAT UNDESIGNATED</p> <p>COUNTY DUCHESNE STATE UTAH</p>
<p>2. NAME OF OPERATOR INLAND PRODUCTION COMPANY</p>	
<p>3. ADDRESS AND TELEPHONE NUMBER Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</p>	
<p>4. LOCATION OF WELL</p> <p>Footages 1980 FNL 0660 FWL</p> <p>QQ, SEC, T, R, M: SW/NW Section 28, T08S R17E</p>	

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

<p>NOTICE OF INTENT: (Submit in Duplicate)</p> <p><input type="checkbox"/> ABANDON <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> WATER SHUT OFF</p> <p><input type="checkbox"/> OTHER _____</p>	<p>SUBSEQUENT REPORT OF: (Submit Original Form Only)</p> <p><input type="checkbox"/> ABANDON* <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input checked="" type="checkbox"/> OTHER <u>Step Rate Test</u></p> <p>DATE WORK COMPLETED _____</p> <p>Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</p> <p>*Must be accompanied by a cement verification report.</p>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

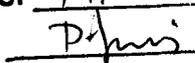
A step rate test was conducted on the subject well on 2/23/01. Results indicate that the formation fracture gradient is .647 psi/ft. Therefore, Inland is requesting that the MAIP be changed to 1090 psi.

13. NAME & SIGNATURE:  TITLE District Engineer DATE 3/2/01

(This space for State use only)

4/94 **Approved by the
Utah Division of
Oil, Gas and Mining**

* See Instructions On Reverse Side

Date: 4-19-2001
By: 

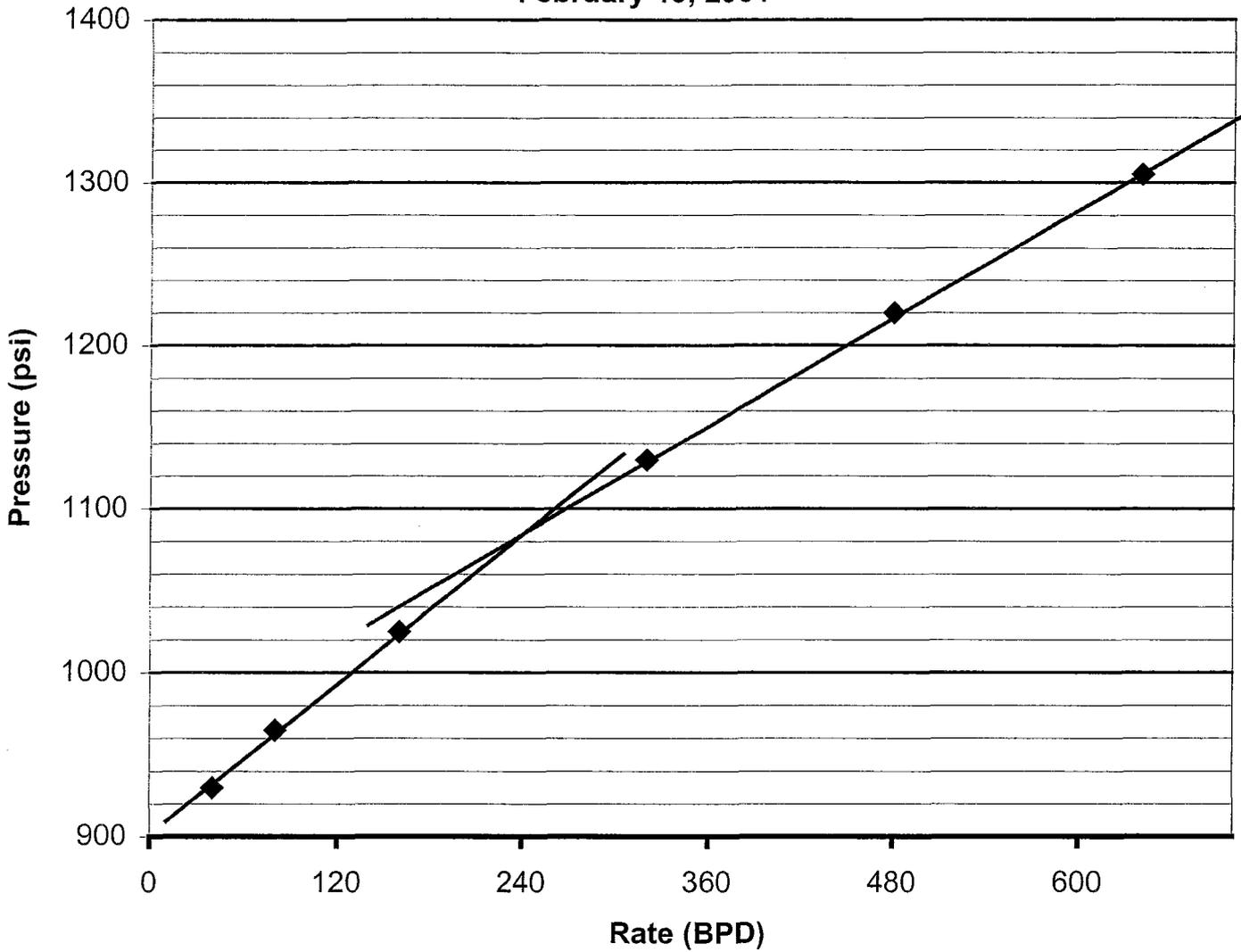
COPY SENT TO OPERATOR
DATE: 04-19-01
INITIALS: CHD

RECEIVED

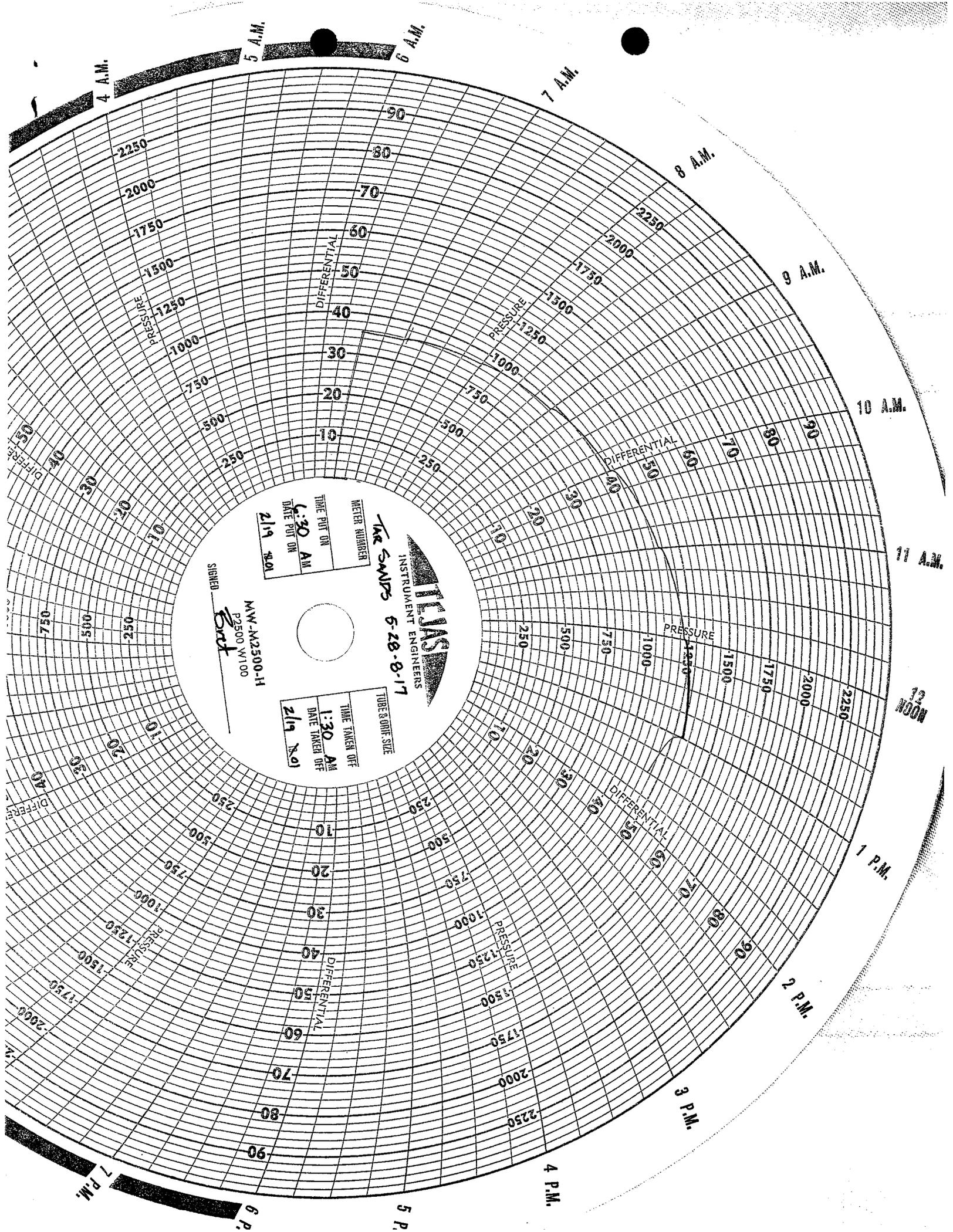
MAR 06 2001

DIVISION OF
OIL, GAS AND MINING

Tar Sands 5-28-8-17
Greater Boundary Unit
Step Rate Test
February 19, 2001



Start Pressure:	885 psi	Step	Rate(bpd)	Pressure(psi)
ISIP:	1290 psi	1	40	930
Fracture pressure:	1090 psi	2	80	965
Top Perforation:	5142 feet	3	160	1025
FG:	0.647 psi/ft	4	320	1130
		5	480	1220
		6	640	1305



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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-74870 6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A 7. UNIT AGREEMENT NAME GREATER BOUNDARY	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME TAR SANDS FED 5-28 (I)	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		9. WELL NO. TAR SANDS FED 5-28 (I)	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/NW Section 28, T8S R17E 1980 FNL 660 FWL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/NW Section 28, T8S R17E	
14. API NUMBER 43-013-31697	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5240 GR	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> ABANDON* <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> <input type="checkbox"/> (OTHER) <input type="checkbox"/> <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/> REPAIRING WELL <input type="checkbox"/> FRACTURE TREATMENT <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> SHOOTING OR ACIDIZING <input type="checkbox"/> ABANDONMENT* <input type="checkbox"/> (OTHER) <input checked="" type="checkbox"/> 5 Year MIT

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

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

A 5 Year MIT was conducted on the subject well. On 6/11/03 Al Craver w/EPA was contacted of the intent to conduct a MIT on the casing. On 6/17/03 the casing was pressured to 1425 psi w/no pressure loss charted in the 1/2 hour test. No Governmental agencies were able to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED Kristia Russell TITLE Production Clerk DATE 6/19/2003
Kristia Russell

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

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

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

RECEIVED
JUN 20 2003
DIV. OF OIL, GAS AND MINING

* See Instructions On Reverse Side

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
 Underground Injection Control Program, UIC Direct Implementation Program 8P:W-GW
 999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 6 / 16 / 03
 Test conducted by: BRET HEURIE
 Others present: _____

Well Name: <u>TAR SANDS FEDERAL 5-28-8-17</u>	Type: <u>ER</u> SWD	Status: <u>AC</u> TA UC
Field: <u>GREATER BOUNDARY UNIT</u>		
Location: <u>SW/NW</u> Sec: <u>28</u> T <u>8</u> N/S R <u>17</u> E/W County: <u>DUCHESSNE</u> State: <u>UT</u>		
Operator: <u>INLAND</u>		
Last MIT: <u>7 / 10 / 1998</u> Maximum Allowable Pressure: <u>1090</u> PSIG		

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1050 psig	psig	psig
End of test pressure	1050 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1425 psig	psig	psig
5 minutes	1425 psig	psig	psig
10 minutes	1425 psig	psig	psig
15 minutes	1425 psig	psig	psig
20 minutes	1425 psig	psig	psig
25 minutes	1425 psig	psig	psig
30 minutes	1425 psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	<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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU74870

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY

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

8. WELL NAME and NUMBER:
TAR SANDS FED 5-28 (I)

2. NAME OF OPERATOR:
Inland Production Company

9. API NUMBER:
4301331697

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

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1980 FNL 0660 FWL

COUNTY: Duchesne

QTR/QTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NW, 28, T8S, R17E

STATE: Utah

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

TYPE OF ACTION

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/16/2004	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

A step rate test was conducted on the subject well on July 9, 2004. Results from the test indicate that the fracture gradient is .705 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 1385 psi.

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

RECEIVED
JUL 19 2004
DIV. OF OIL, GAS & MINING

NAME (PLEASE) Mike Guinn

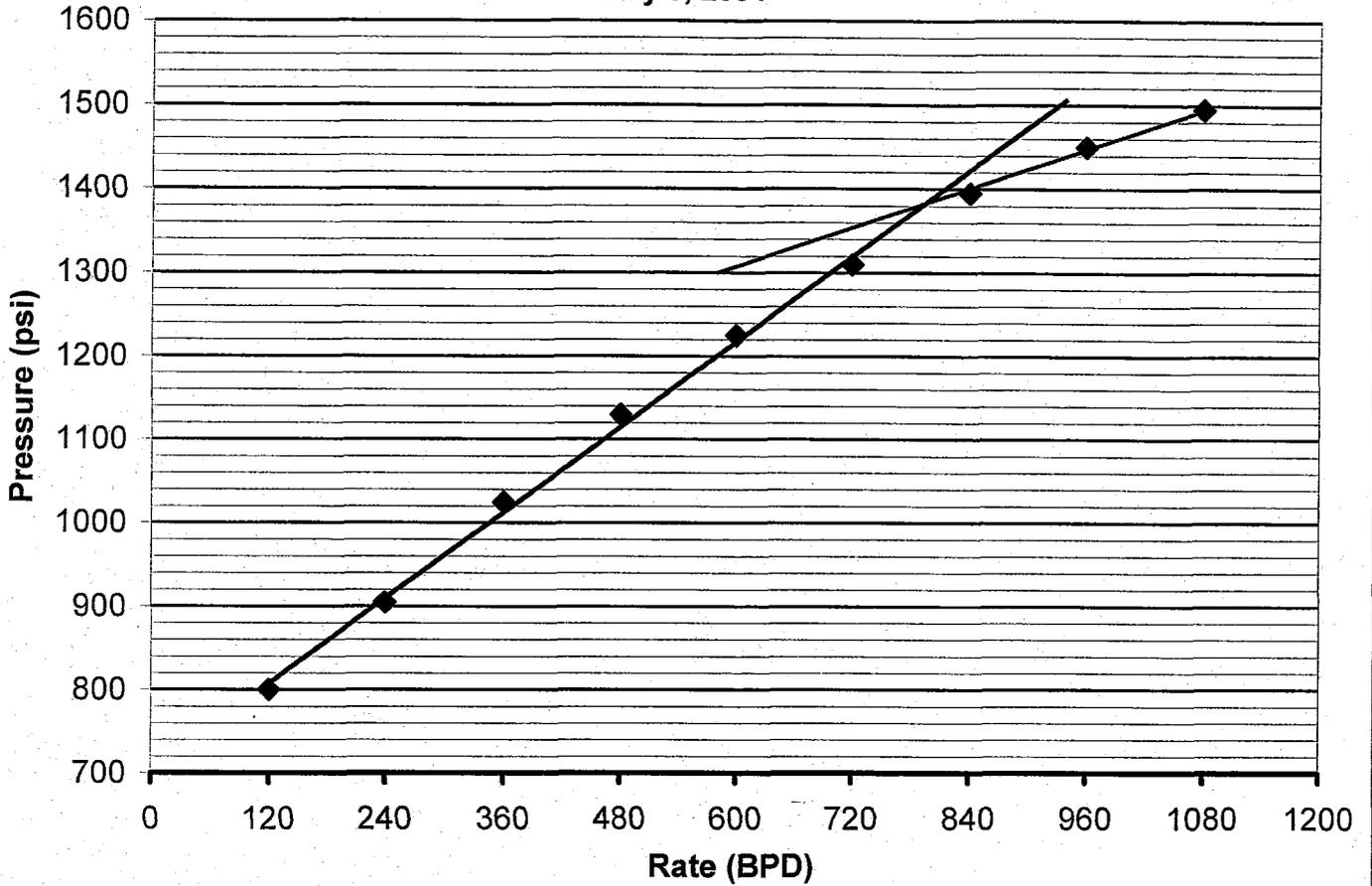
TITLE Engineer

SIGNATURE



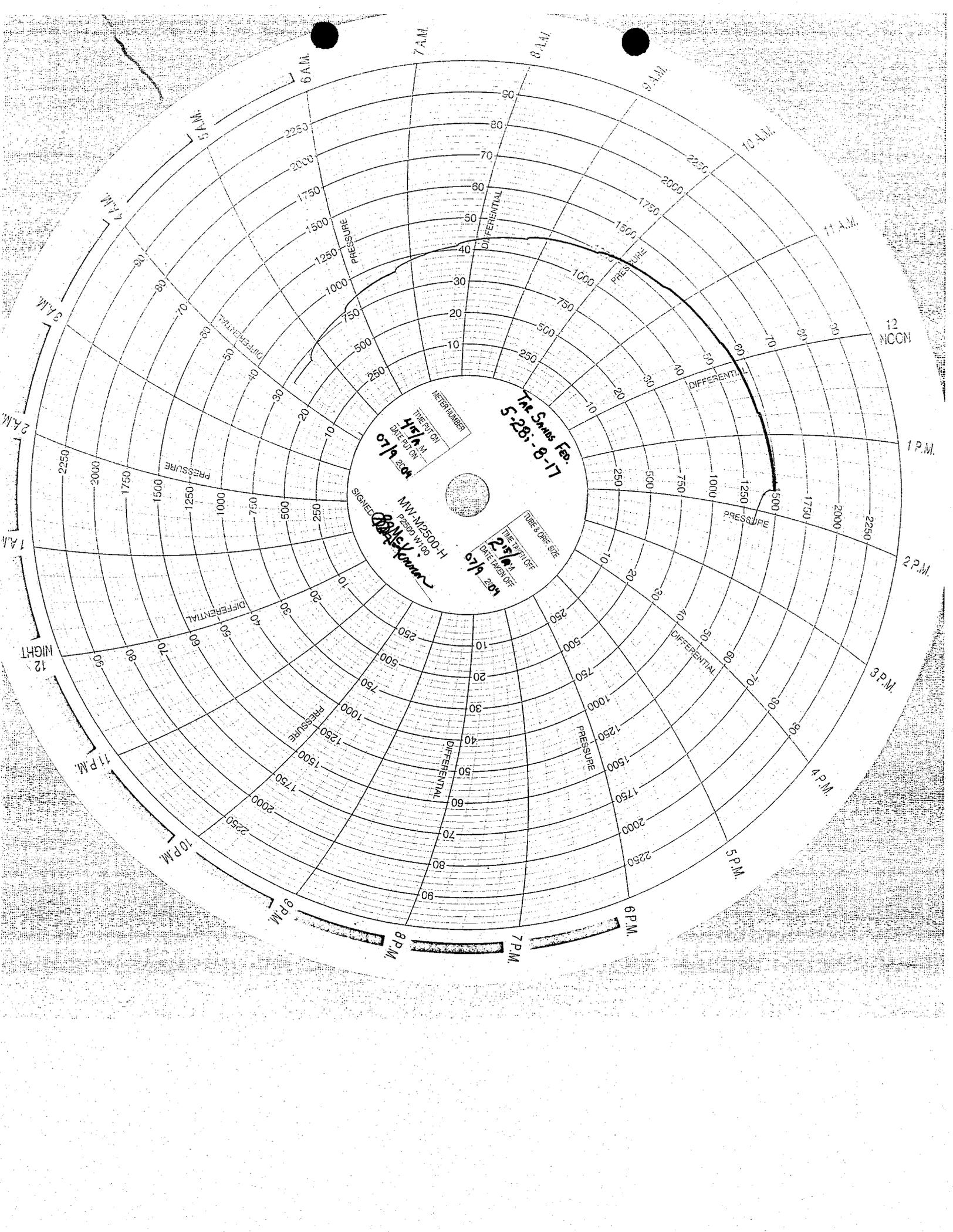
DATE July 16, 2004

**Tar Sands Federal 5-28i-8-17
Greater Boundary Unit
Step Rate Test
July 9, 2004**



Start Pressure: 685 psi
Instantaneous Shut In Pressure (ISIP): 1445 psi
Top Perforation: 5142 feet
Fracture pressure (Pfp): 1385 psi
FG: 0.705 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	120	800
2	240	905
3	360	1025
4	480	1130
5	600	1225
6	720	1310
7	840	1395
8	960	1450
9	1080	1495



7 A.M.

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9 A.M.

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12 NOON

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12 NIGHT

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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

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

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 1st day of September, 2004.

INLAND RESOURCES INC.

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

Transfer approved by: *A. Hunt*
Title: *Perk. Services Manager*

Approval Date: 9-20-04

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

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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

9/1/2004

FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (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 on:

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU74870

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY II

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

8. WELL NAME and NUMBER:
TAR SANDS FED 5-28 (I)

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331697

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

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1980 FNL 0660 FWL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/NW, 28, T8S, R17E

STATE: Utah

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

TYPE OF ACTION SubDate

TYPE OF SUBMISSION	TYPE OF ACTION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/10/2006	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION
		<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARITLY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLAIR	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUT-OFF	
	<input checked="" type="checkbox"/> OTHER: - Step Rate Test	

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

A step rate test was conducted on the subject well on April 24, 2006. Results from the test indicate that the fracture gradient is .727 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1500 psi.

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

NAME (PLEASE PRINT) Cheyenne Batemen

TITLE Well Analyst Foreman

SIGNATURE *Cheyenne Batemen*

DATE 05/10/2006

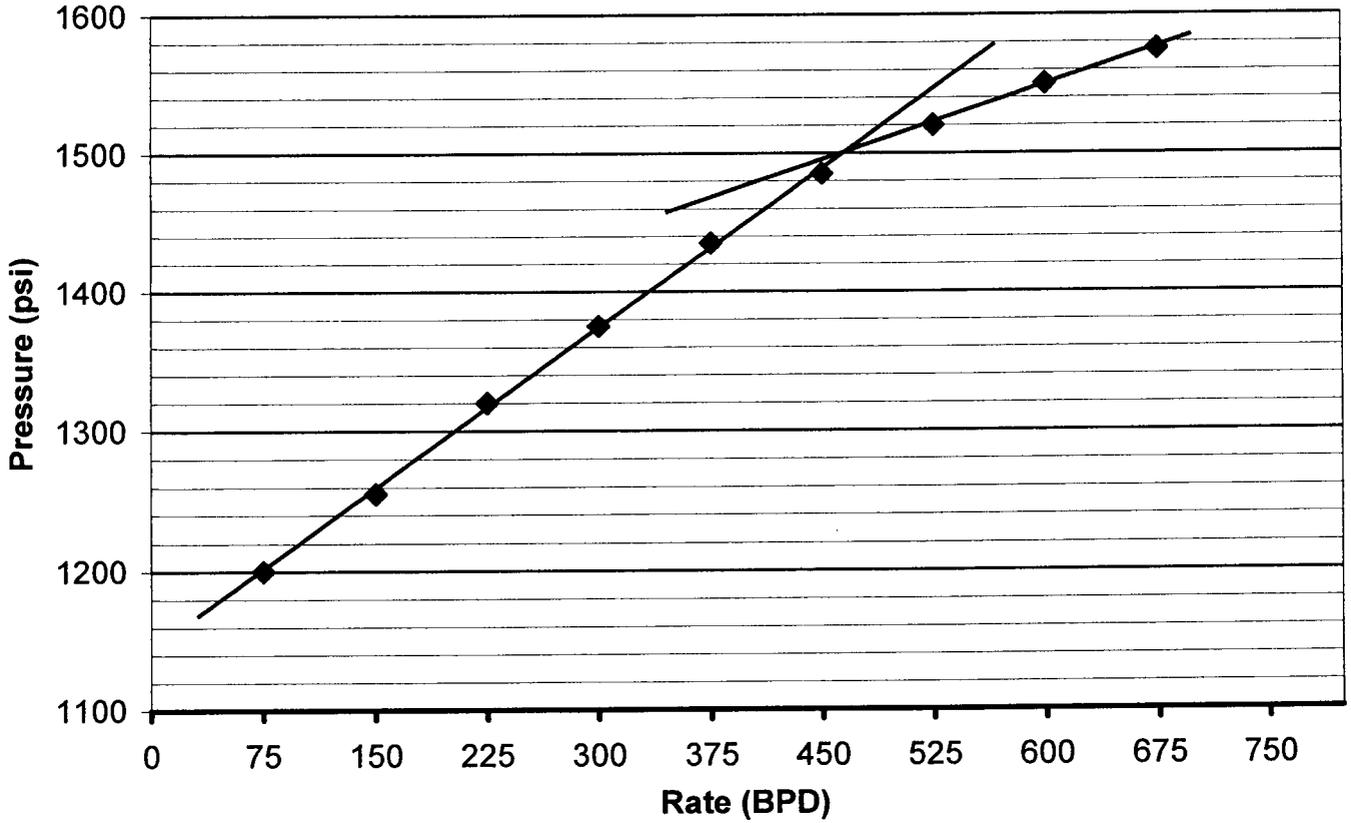
(This space for State use only)

RECEIVED

MAY 15 2006

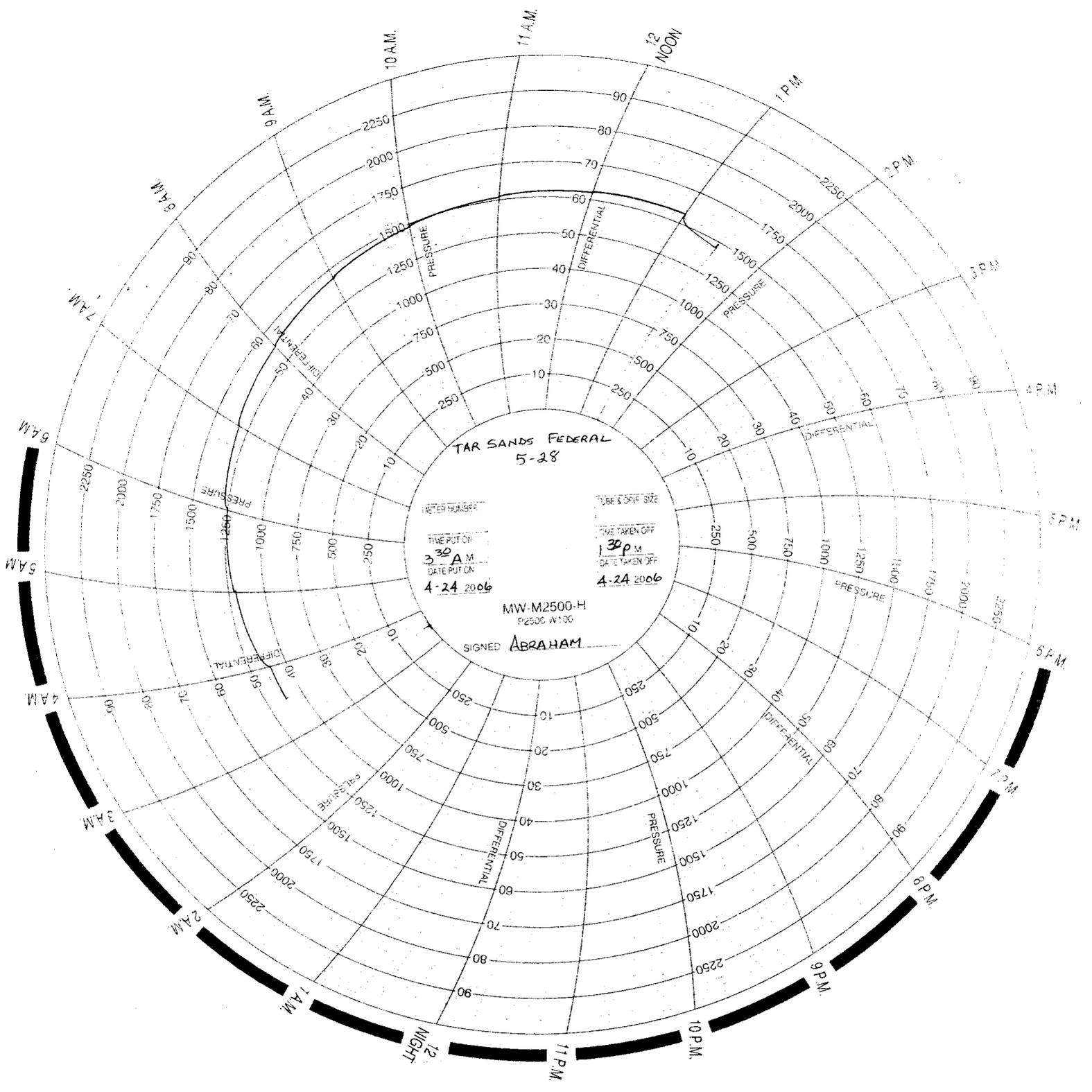
DIV OF OIL, GAS & MINING

**Tar Sands Federal 5-28
Greater Boundary II Unit
Step Rate Test
April 24, 2006**



Start Pressure: 1120 psi
Instantaneous Shut In Pressure (ISIP): 1550 psi
Top Perforation: 5142 feet
Fracture pressure (P_{fp}): 1500 psi
FG: 0.727 psi/ft

<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
1	75	1200
2	150	1255
3	225	1320
4	300	1375
5	375	1435
6	450	1485
7	525	1520
8	600	1550
9	675	1575



TAR SANDS FEDERAL
5-28

METER NUMBER

TUBE & CORE SIZE

TIME PUT ON

TIME TAKEN OFF

3:30 AM

1:30 PM

DATE PUT ON

DATE TAKEN OFF

4-24 2006

4-24 2006

MW-M2500-H
P2500 W100

SIGNED ABRAHAM

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.



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)
 1980 FNL 660 FWL
 SWNW 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 5-28 (I)

9. API Well No.
 4301331697

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Step Rate Test _____	
	<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 recomplate 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 recomplate 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.)

A step rate test was conducted on the subject well on November 29, 2006. Results from the test indicate that the fracture gradient is .748 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1610 psi.

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)
 Cheyenne Bateman
 Signature

Title
 Well Analyst Foreman

Date
 01/05/2007



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.

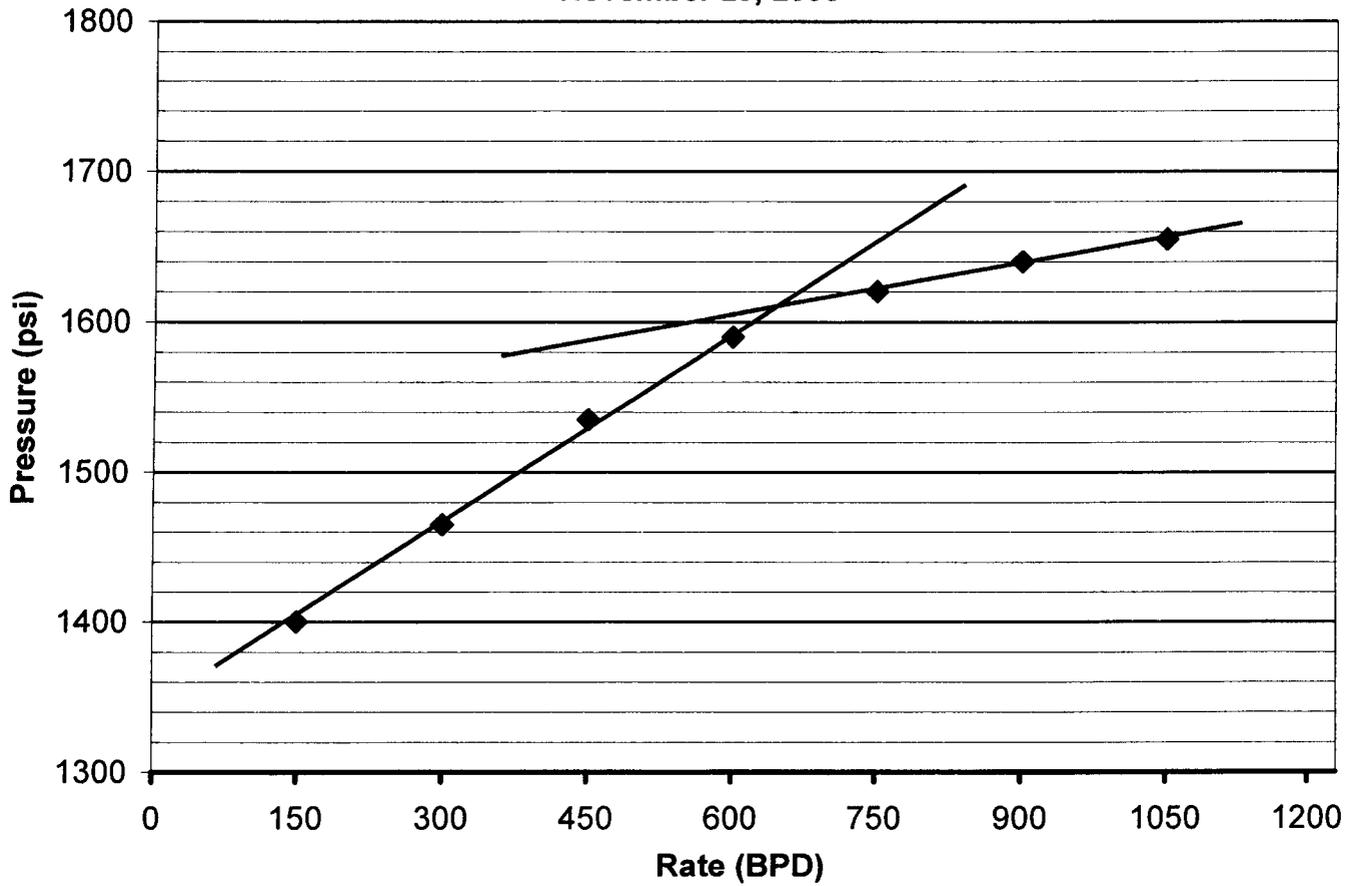
Title _____ Date _____
 Office _____

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

(Instructions on reverse)

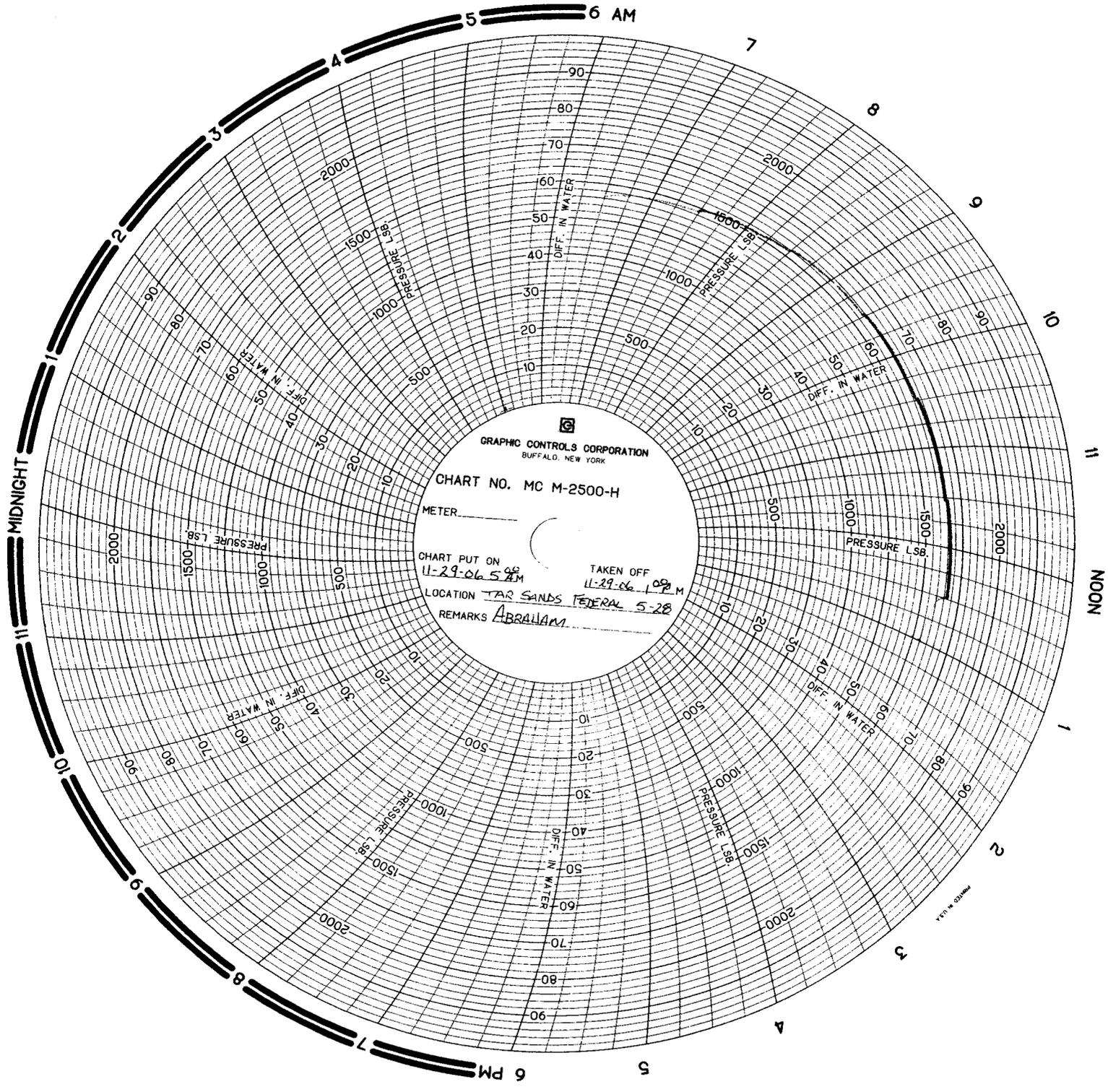
RECEIVED
 JAN 08 2007

**Tar Sands Federal 5-28-8-17
Greater Boundary II Unit
Step Rate Test
November 29, 2006**



Start Pressure: 1340 psi
Instantaneous Shut In Pressure (ISIP): 1640 psi
Top Perforation: 5142 feet
Fracture pressure (P_{fp}): 1610 psi
FG: 0.748 psi/ft

<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
1	150	1400
2	300	1465
3	450	1535
4	600	1590
5	750	1620
6	900	1640
7	1050	1655



1 1/2" x 3 1/2" dia

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74870

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY II

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
TAR SANDS FED 5-28 (I)

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331697

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

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1980 FNL 660 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNW, 28, T8S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/12/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

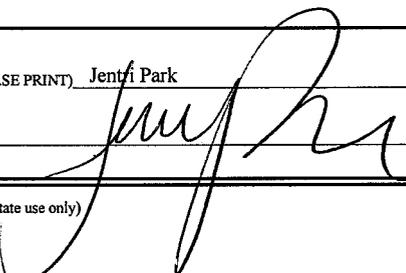
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 04/21/08 Nathan Wiser with the EPA was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 05/02/08. On 05/02/08 the csg was pressured up to 1250 psig and charted for 30 minutes with 0 psi pressure loss. The well was injecting during the test. The tbg pressure was 1120 psig during the test. There was not an EPA representative available to witness the test. EPA# 20850-04432 API# 43-013-31697.

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

NAME (PLEASE PRINT) Jentfi Park

TITLE Production Tech

SIGNATURE 

DATE 05/12/2008

(This space for State use only)

**RECEIVED
MAY 14 2008**

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 05/02/08
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>Tar Sands Fed. 5-28-8-17</u> Type: ER SWD Status: AC TA UC	
Field: <u>Greater Boundary Unit</u>	
Location: _____	Sec: <u>28 T 8 N 15 R 17 E</u> / W County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Newfield Production Co.</u>	
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1610</u> PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1120</u> psig	psig	psig
End of test pressure	<u>1120</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1250</u> psig	psig	psig
5 minutes	<u>1250</u> psig	psig	psig
10 minutes	<u>1250</u> psig	psig	psig
15 minutes	<u>1250</u> psig	psig	psig
20 minutes	<u>1250</u> psig	psig	psig
25 minutes	<u>1250</u> psig	psig	psig
30 minutes	<u>1250</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<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: _____

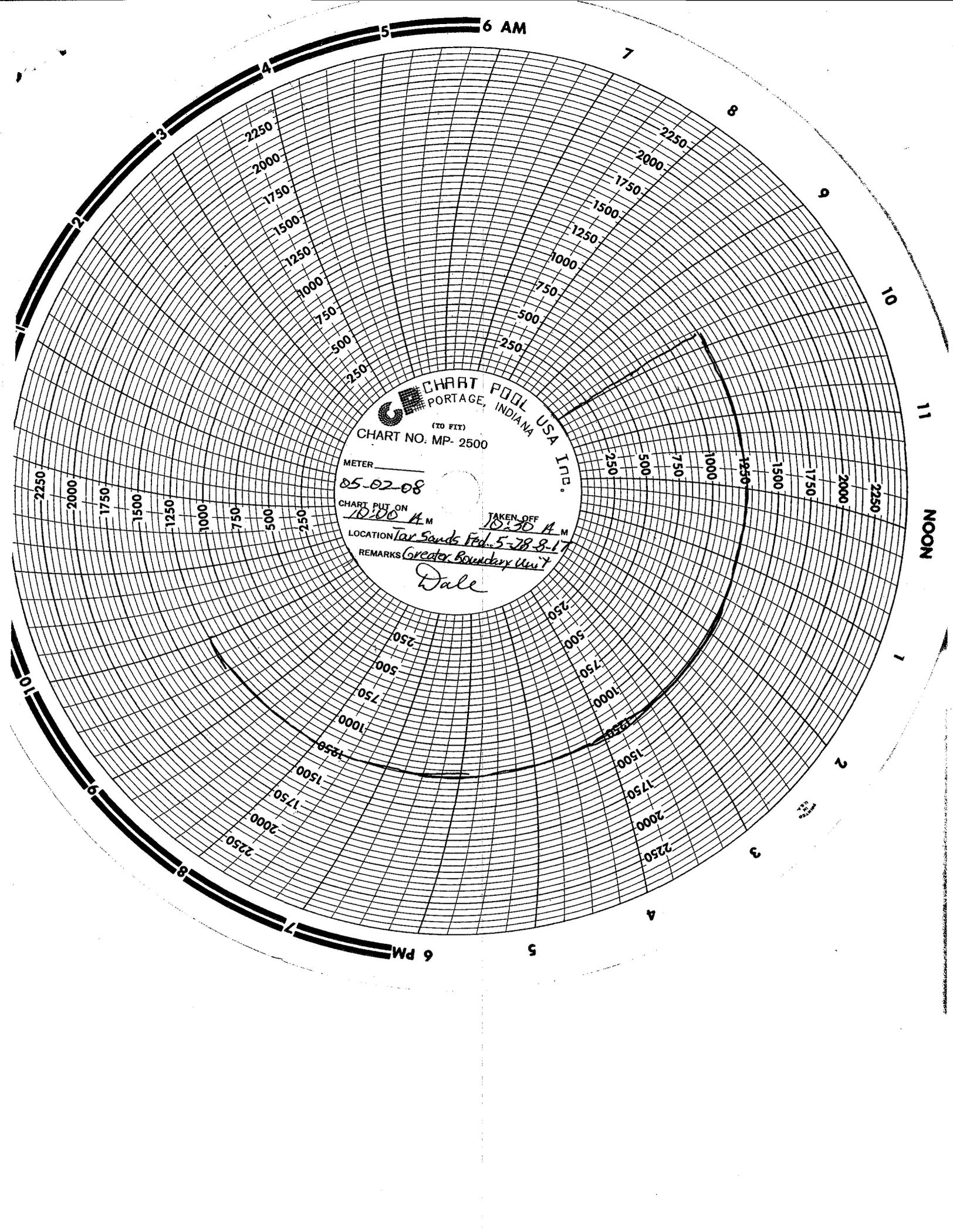


CHART POOL USA ILL.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP- 2500

METER
85.02.08

CHART PUT ON
10:00 A.M.

TAKEN OFF
10:30 A.M.

LOCATION Tar Sands Fed. 5-78-9-17

REMARKS Greater Boundary Unit

Dale

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74870
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: TAR SANDS FED 5-28 (I)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013316970000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FNL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 28 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/3/2013	<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 type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

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

5 YR MIT on the above listed well. On 04/03/2013 the casing was pressured up to 1075 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbp pressure was 1535 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04432

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
April 10, 2013**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/8/2013	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 4/3/13
 Test conducted by: Rocky CURRY
 Others present: _____

Well Name: <u>Tassands Fed. 5-28I-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/4W</u> Sec: <u>28</u> T <u>8</u> N/ <u>S</u> R <u>17</u> E/W County: <u>Dekane</u> State: <u>ut</u>		
Operator: _____ <u>NEWFIELD</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>1665</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 5 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1535</u> psig	psig	psig
End of test pressure	<u>1535</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1075</u> psig	psig	psig
5 minutes	<u>1075</u> psig	psig	psig
10 minutes	<u>1075</u> psig	psig	psig
15 minutes	<u>1075</u> psig	psig	psig
20 minutes	<u>1075</u> psig	psig	psig
25 minutes	<u>1075</u> psig	psig	psig
30 minutes	<u>1075</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

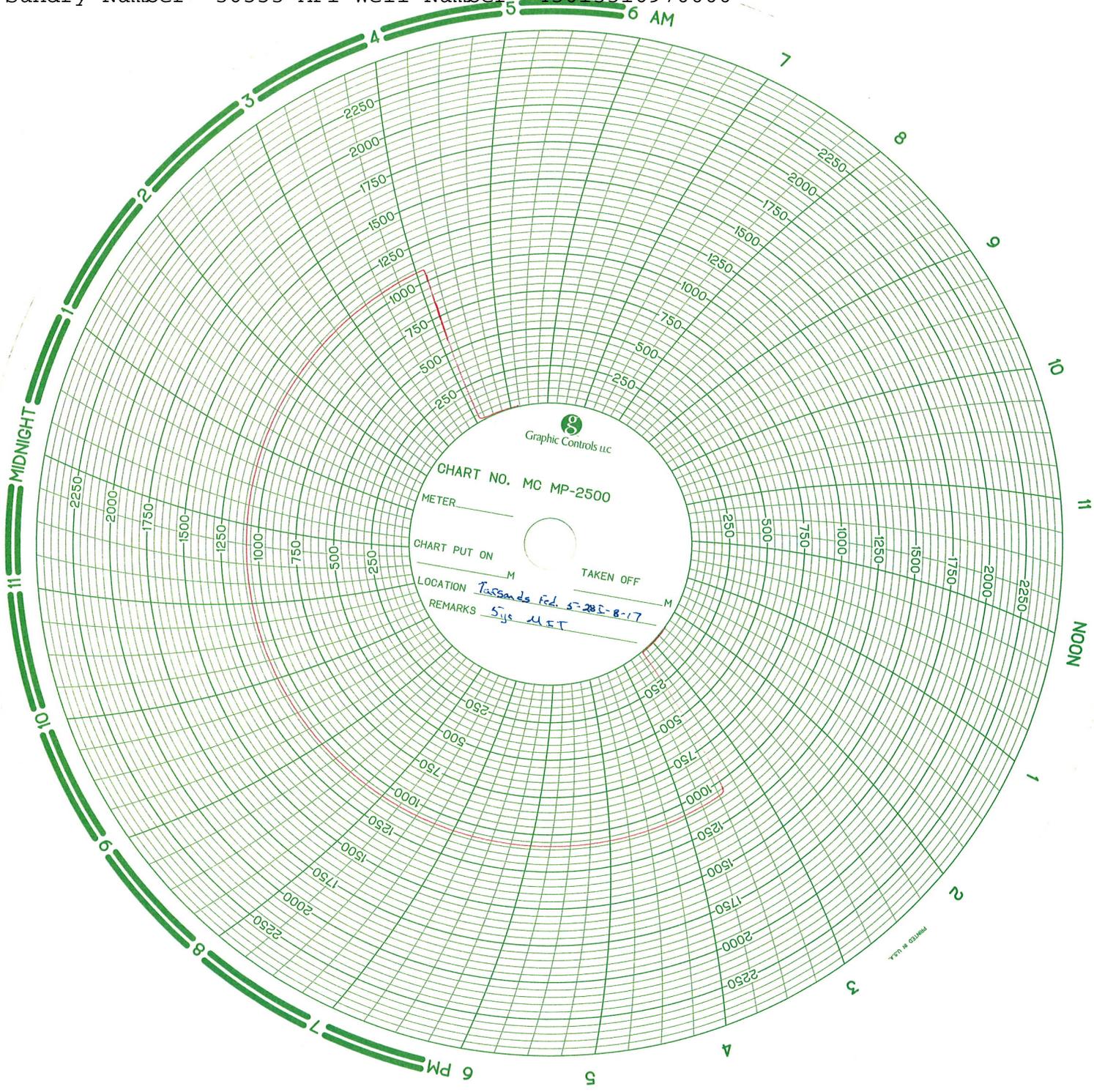
Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

Sundry Number: 36553 API Well Number: 43013316970000



Graphic Controls LLC

CHART NO. MC MP-2500

METER _____

CHART PUT ON _____ M

TAKEN OFF _____ M

LOCATION *Tassanda Fed 5-20-E-8-17*

REMARKS *5 1/2" MET*

MADE IN U.S.A.

Tar Sands Federal #5-28-8-17

Spud Date: 7-18-97

Put on Production: 9-4-97
GI 5240' KB: 5252'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: I-55
WEIGHT: 24#
LENGTH: 7 jts (282.09')
DEPTH LANDED: 280.67' GI
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cement est 9 bbls to surf

PRODUCTION CASING

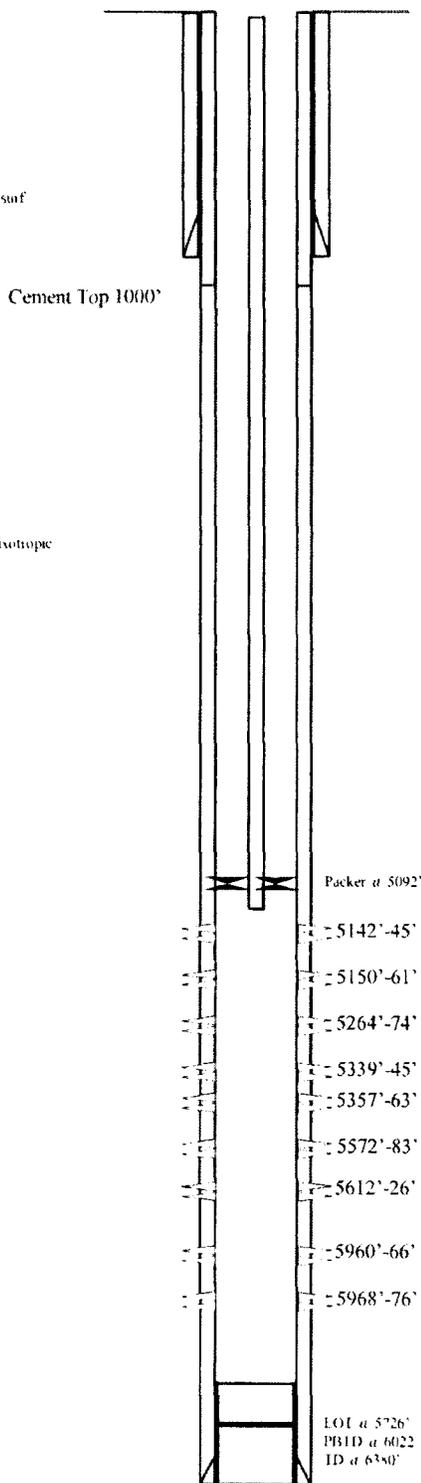
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 142 jts (6015.92')
DEPTH LANDED: 6026' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 470 sk Hibond mixed & 450 sxs thixotropic
CEMENT TOP AT: 1000' per CBI

TUBING

SIZE GRADE WT.: 2-7/8" M-50 6.5#
NO. OF JOINTS: 197 jts
PACKER: 5092'
SEALING NIPPLE: 5-1/2" (1.10')
TOTAL STRING LENGTH:
SUN LANDED AT:

Initial Production: 147 BOPD,
192 MCEPD, 3 BWPD

Injection Well Wellbore Diagram



FRAC JOB

8/21/97 5960'-5966' Frac C P sand as follows:
99,900# of 20/40 sand in 510 bbls of Boragel. Breakdown at 2863 psi. Treated at avg rate of 24.3 bpm w avg press of 2000 psi. ISIP-2203 psi, 5-min 1975 psi. Flowback on 12.64' ck for 3-1/2 hours and died.

8/23/97 5572'-5626' Frac A sands as follows:
106,500# of 20/40 sand in 545 bbls of Boragel. Breakdown at 1801 psi. Treated at avg rate of 26.3 bpm w avg press of 1200 psi. ISIP-1804 psi, 5-min 1711 psi. Flowback on 12.64' ck for 3 hours and died.

8/26/97 5264'-5363' Frac C/B sand as follows:
95,500# of 20/40 sand in 487 bbls of Boragel. Breakdown at 2306 psi. Treated at avg rate of 24.5 bpm w avg press of 2100 psi. ISIP-2425 psi, 5-min 2206 psi. Flowback on 12.64' ck for 2-1/2 hours and died.

8/29/97 5142'-5161' Frac D sand as follows:
87,200# of 20/40 sand in 457 bbls of Boragel. Breakdown at 3194 psi. Treated at avg rate of 22.3 bpm w avg press of 1560 psi. ISIP-2118 psi, 5-min 2044 psi. Flowback on 12.64' ck for 2 hours and died.

PERFORATION RECORD

8/21/97	5960'-5966'	4 JSPI	32 holes
8/21/97	5968'-5976'	4 JSPI	24 holes
8/22/97	5572'-5583'	4 JSPI	44 holes
8/22/97	5612'-5626'	4 JSPI	36 holes
8/26/97	5264'-5274'	4 JSPI	40 holes
8/26/97	5339'-5345'	4 JSPI	24 holes
8/26/97	5357'-5363'	4 JSPI	24 holes
8/28/97	5142'-5145'	4 JSPI	12 holes
8/28/97	5150'-5161'	4 JSPI	44 holes

NEWFIELD

Tar Sands Federal #5-281
660 FWL, 1980 FNL
NENE Section 28-T8S-R17E
Duchesne Co, Utah
API #43-013-31697; Lease #U-74870