

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED **OCTOBER 7, 1996**
 LAND FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO **U-74869** INDIAN
 DRILLING APPROVED **OCTOBER 28, 1996**
 SPUDED IN **11.15.96**
 COMPLETED **1.14.97 PDW** PUT TO PRODUCING
 INITIAL PRODUCTION: **108 Bbl 121 mcf 6 Bbl**
 GRAVITY A.P.I.
 GOR **1.1**
 PRODUCING ZONES **5057-5928' ARRV**
 TOTAL DEPTH: **6150'**
 WELL ELEVATION: **5299' GR**
 DATE ABANDONED
 FIELD **MONUMENT BUTTE**
 UNIT
 COUNTY **DUCHESNE**
 WELL NO **TAR SANDS FEDERAL 11-30** API NO. **43-013-31732**
 LOCATION **2015 FSL** FT. FROM (N) (S) LINE. **1935 FWL** FT. FROM (E) (W) LINE. **NE SW** 1/4 - 1/4 SEC. **30**

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
8S	17E	30	INLAND PRODUCTION CO.				

GEOLOGIC TOPS:

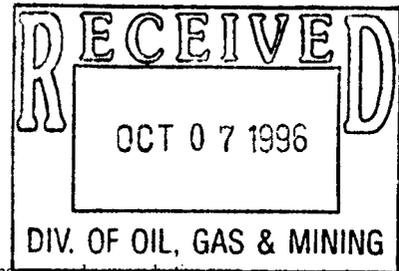
QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
<i>Garden Gulch</i>	Dakota	Park City	McCracken
<i>Point 3</i>	Burro Canyon	Rico (Goodridge)	Aneth
<i>X MKR</i>	Cedar Mountain	Supai	Simonson Dolomite
<i>X MKR</i>	Buckhorn	Wolfcamp	Sevy Dolomite
<i>Douglas Crk.</i>	JURASSIC	CARBON I FEROUS	North Point
<i>Bicarbonato</i>	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Form with fields for 1a. TYPE OF WORK (DRILL, DEEPEN), 1b. TYPE OF WELL (OIL, GAS, OTHER), 2. NAME OF OPERATOR (Inland Production Company), 3. ADDRESS OF OPERATOR (P.O. Box 1446 Roosevelt, UT 84066), 4. LOCATION OF WELL (NE/SW, 1935' FWL & 2015' FSL), 12. County (Duchesne), 13. STATE (UT), 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY (1935'), 16. NO. OF ACRES IN LEASE (1968.01), 17. NO. OF ACRES ASSIGNED TO THIS WELL (40), 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL (1260'), 19. PROPOSED DEPTH (6500'), 20. ROTARY OR CABLE TOOLS (Rotary), 21. ELEVATIONS (5299.3'), 22. APPROX. DATE WORK WILL START* (4th Quarter 1996), 23. PROPOSED CASING AND CEMENTING PROGRAM table.

The actual cement volumes will be calculate 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 Mecham [Signature] TITLE District Manager DATE 9/23/96

(This space for Federal or State office use)

PERMIT NO. 43-013-31732 APPROVAL DATE

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Petroleum Engineer DATE 10/28/96

*See Instructions On Reverse Side

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

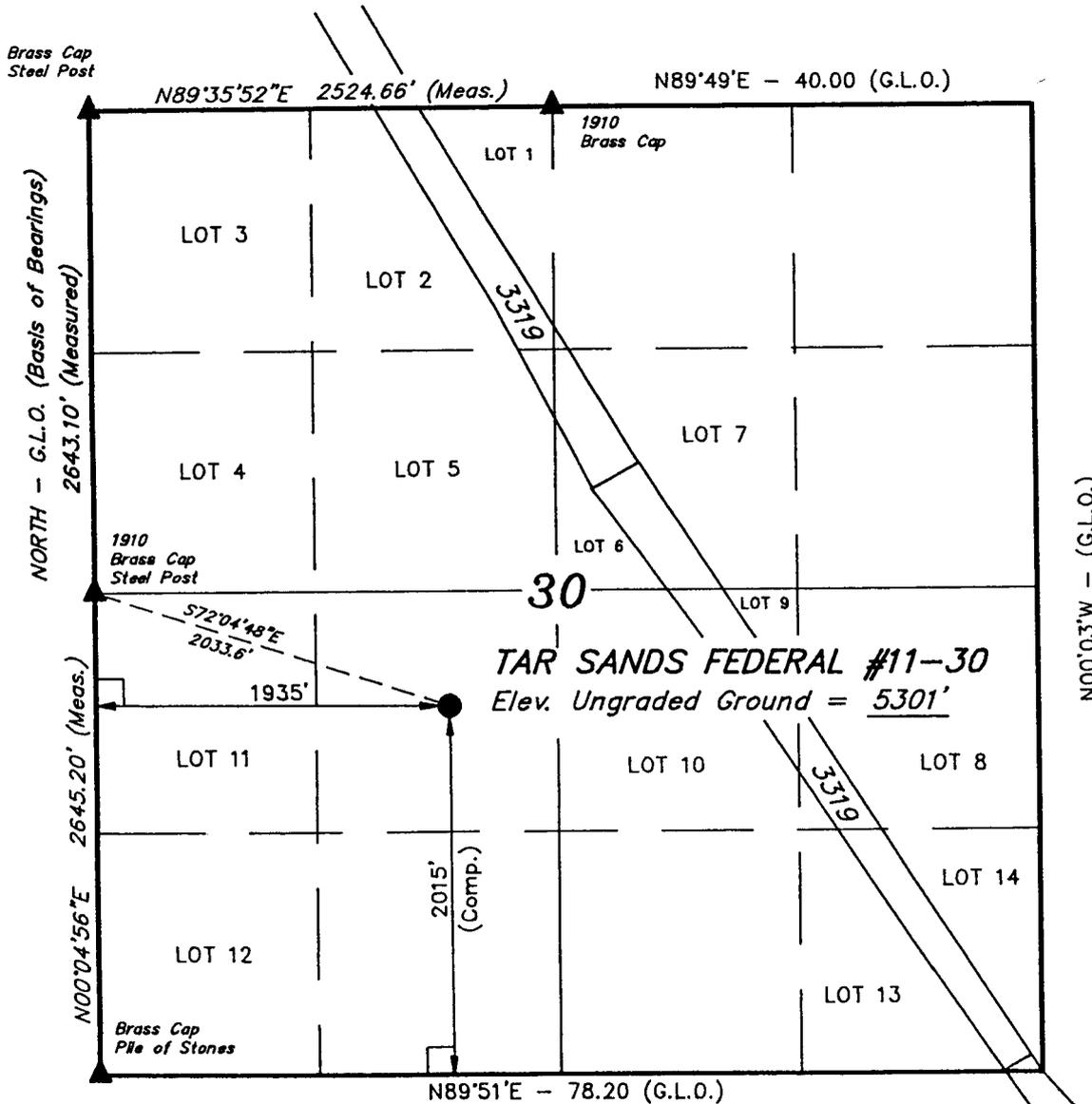
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

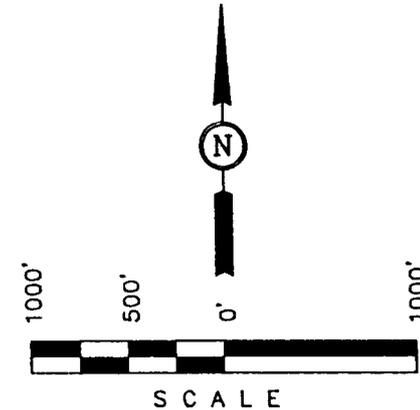
Well location, TAR SANDS FEDERAL #11-30, located as shown in the NE 1/4 SW 1/4 of Section 30, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 30, 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 5395 FEET.



N00°03'W - (G.L.O.)



CERTIFICATE

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

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

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

SCALE 1" = 1000'	DATE SURVEYED: 7-22-96	DATE DRAWN: 7-23-96
PARTY L.D.T. K.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

LEGEND:

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



October 3, 1996

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

ATTENTION: Ed Forsman

RE: Tar Sands Federal #11-30
NW/SW Sec. 30, T8S, R17E
Duchesne County, Utah

Dear Ed,

Enclosed is the original, and two copies of the Application For Permit To Drill, for the above referenced location. A copy will also be submitted to the State of Utah.

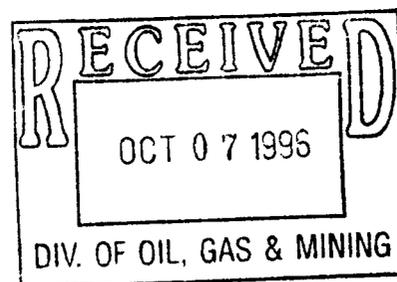
Please contact me in the Vernal Branch office (801) 789-1866, if you have any questions, or need additional information.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

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

Enclosures



**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #11-30
NE/SW SECTION 30, T8S, R17E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

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

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

Green River Formation 3050' - 6600' Oil

4. PROPOSED CASING PROGRAM

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

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

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

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' ±, 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 PBTD 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 December of 1996, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #11-30
NE/SW SECTION 30, 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 #11-30 located in the NE 1/4 SW 1/4 Section 30, 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 8.1 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 NE 1/4 SW 1/4 Section 30, T8S, R17E, S.L.B., and proceeds in a southwesterly direction approximately 100' \pm , to the proposed location site.

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

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 fifteen (15) producing, and two (2) injection, Inland Production wells, 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.

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

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

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 #11-30.

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 re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

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

No flare pit will be used at this location.

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

Access to the well pad will be from the east side, between stakes 7 & 8.

Inland is requesting a road to connect the #12-30 to the #11-30 location; the proposed road would be constructed around the #11-30 location on the south side, and cross the drainage just west of location on the silt catchment pond dam. See Exhibit "E".

Fencing Requirements

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

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

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

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

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

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

A silt catchment pond will be constructed on the southwest corner, near stake #2. The catchment dam will be used for a road crossing, to the Tar Sands Federal #12-30. An 18" culvert will be placed on the west end of the dam, for overflow. See Exhibit "E".

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 #11-30, 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 #14-30, 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**

TAR SANDS FEDERAL #11-30

Representative

Name: Brad Mecham

Address: P.O. Box 1446 Roosevelt, Utah 84066

Telephone: (801) 722-5103

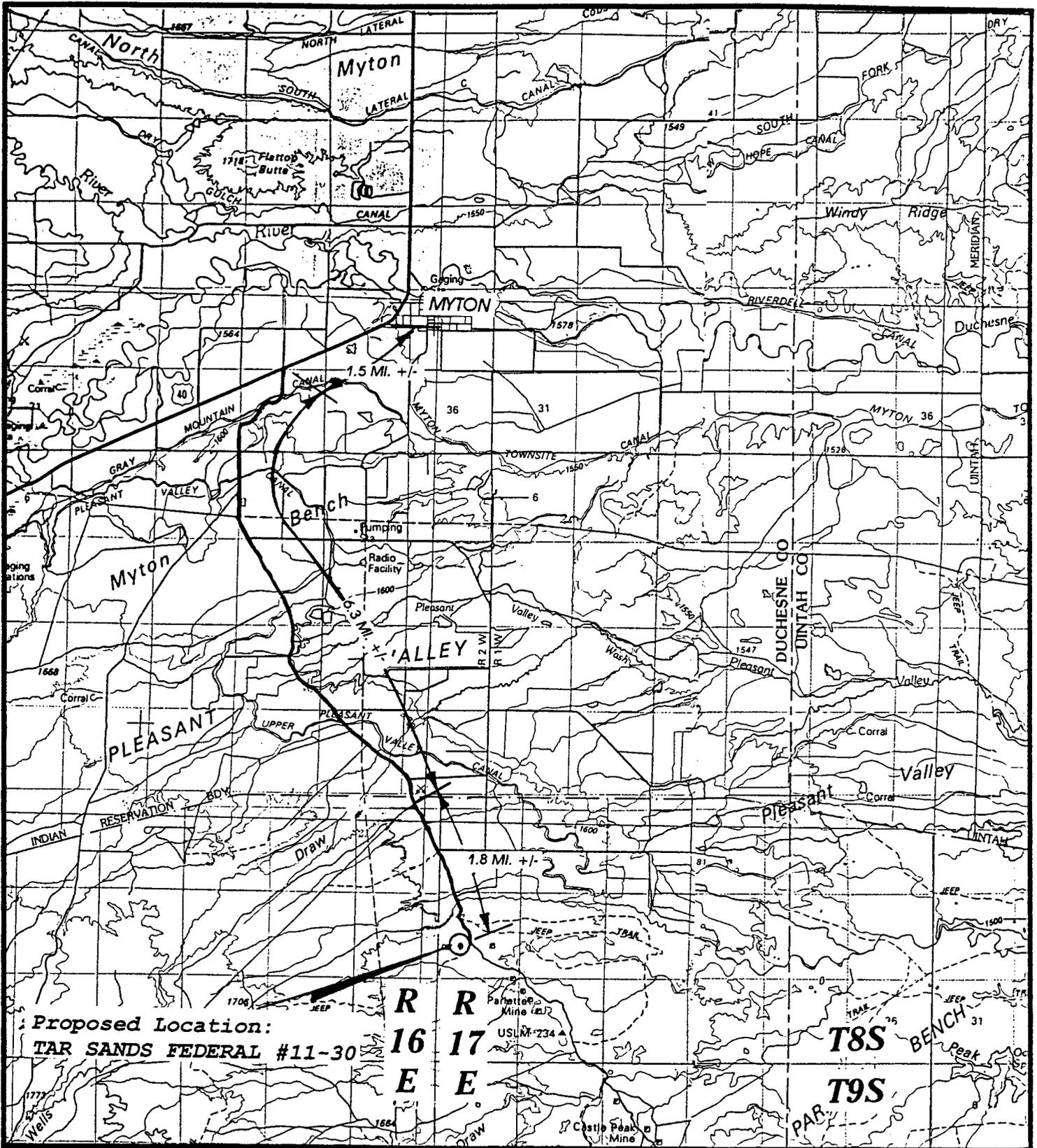
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Tar Sands Federal #11-30 NE/SW Section 30, Township 8S, Range 17E: Lease U-74869, 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.

10-2-96
Date

Brad Mecham
Brad Mecham
District Manager



Proposed Location:
 TAR SANDS FEDERAL #11-30

R
 16
 E

R
 17
 E

T8S
 T9S

UELS

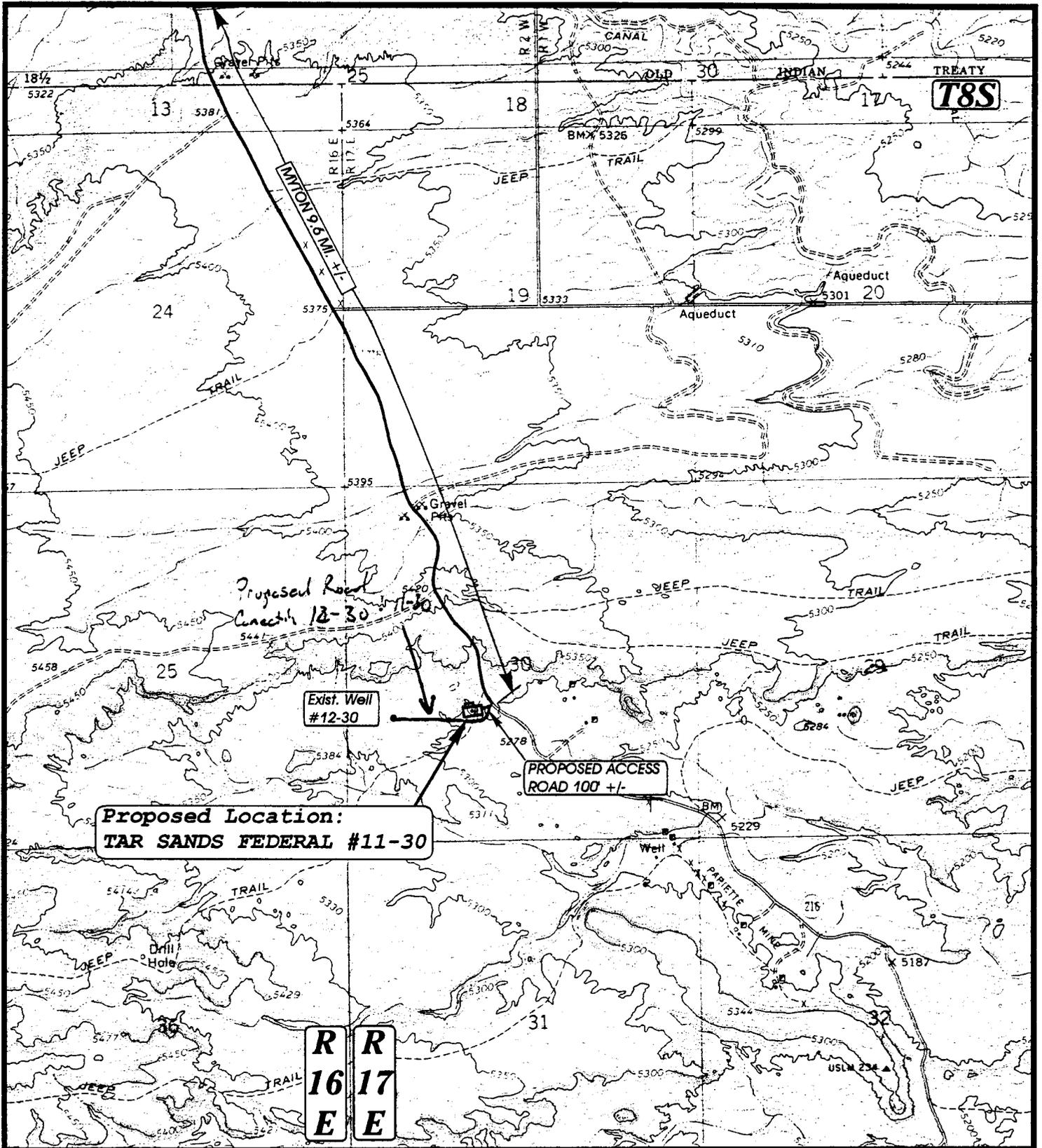
TOPOGRAPHIC
 MAP "A"

DATE: 7-23-96
 Drawn by: C.G.



INLAND PRODUCTION COMPANY

TAR SANDS FEDERAL #11-30
 SECTION 30, T8S, R17E, S.L.B.&M.
 2015' FSL 1935' FWL



**Proposed Location:
TAR SANDS FEDERAL #11-30**

**Exist. Well
#12-30**

**PROPOSED ACCESS
ROAD 100 +/-**

*Proposed Road
Connect 12-30*

**R R
16 17
E E**

T8S

UELS

**TOPOGRAPHIC
MAP "B"**

**DATE: 7-25-96
Drawn by: D.R.B.**

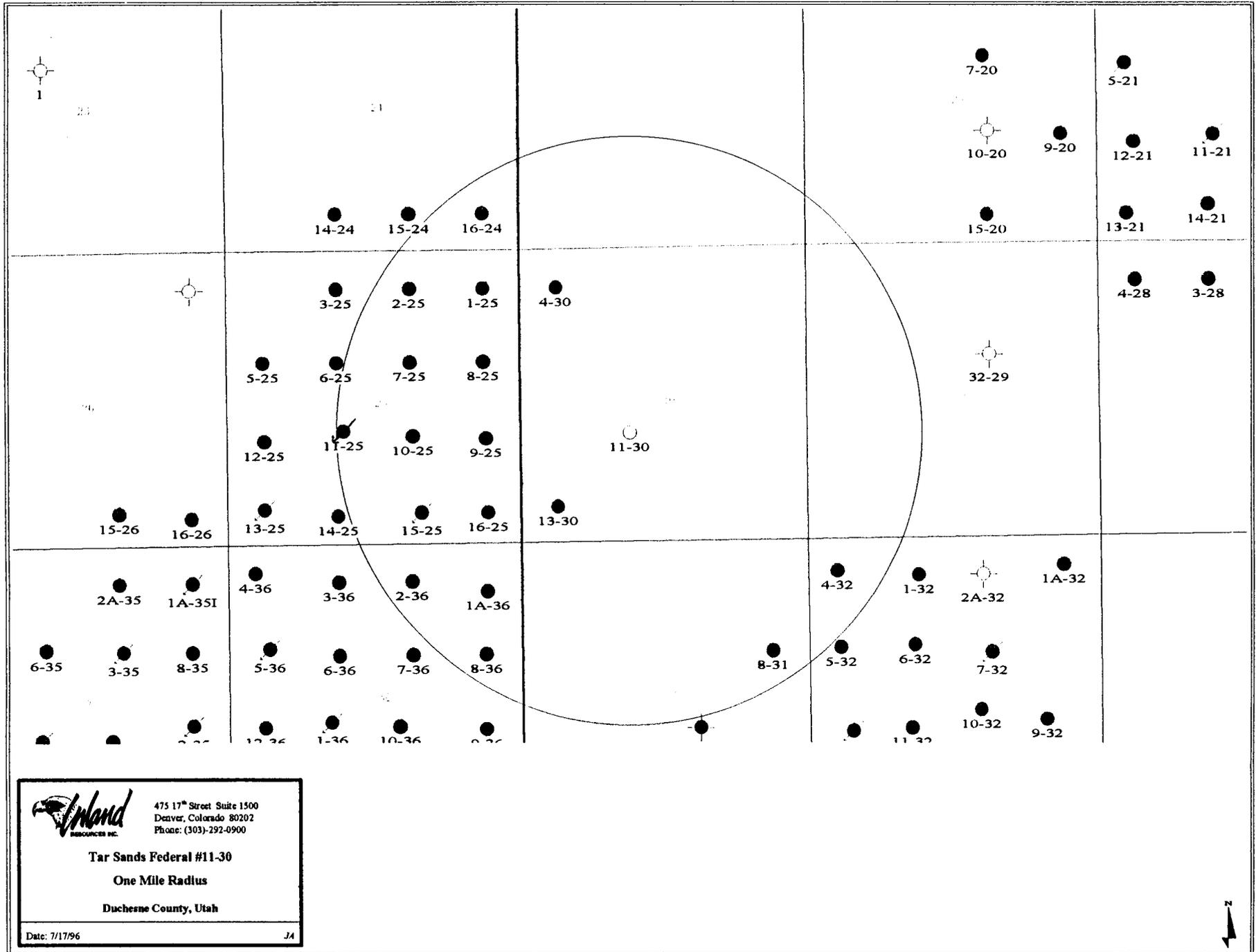
**UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 799-1017**



**INLAND PRODUCTION CO.
TAR SANDS FEDERAL #11-30
SECTION 30, T8S, R17E, S.L.B.&M.
2015' FSL 1935' FWL**

SCALE: 1" = 2000'

Exhibit "D"



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

Tar Sands Federal #11-30
One Mile Radius
 Duchesne County, Utah

Date: 7/17/96 JA



INLAND PRODUCTION CO.

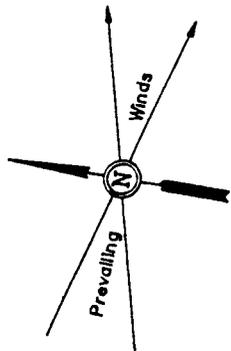
LOCATION LAYOUT FOR

TAR SANDS FEDERAL #11-30

SECTION 30, T8S, R17E, S.L.B.&M.

2015' FSL 1935' FWL

Existing Road



SCALE: 1" = 50'
DATE: 7-23-96
Drawn By: D.R.B.

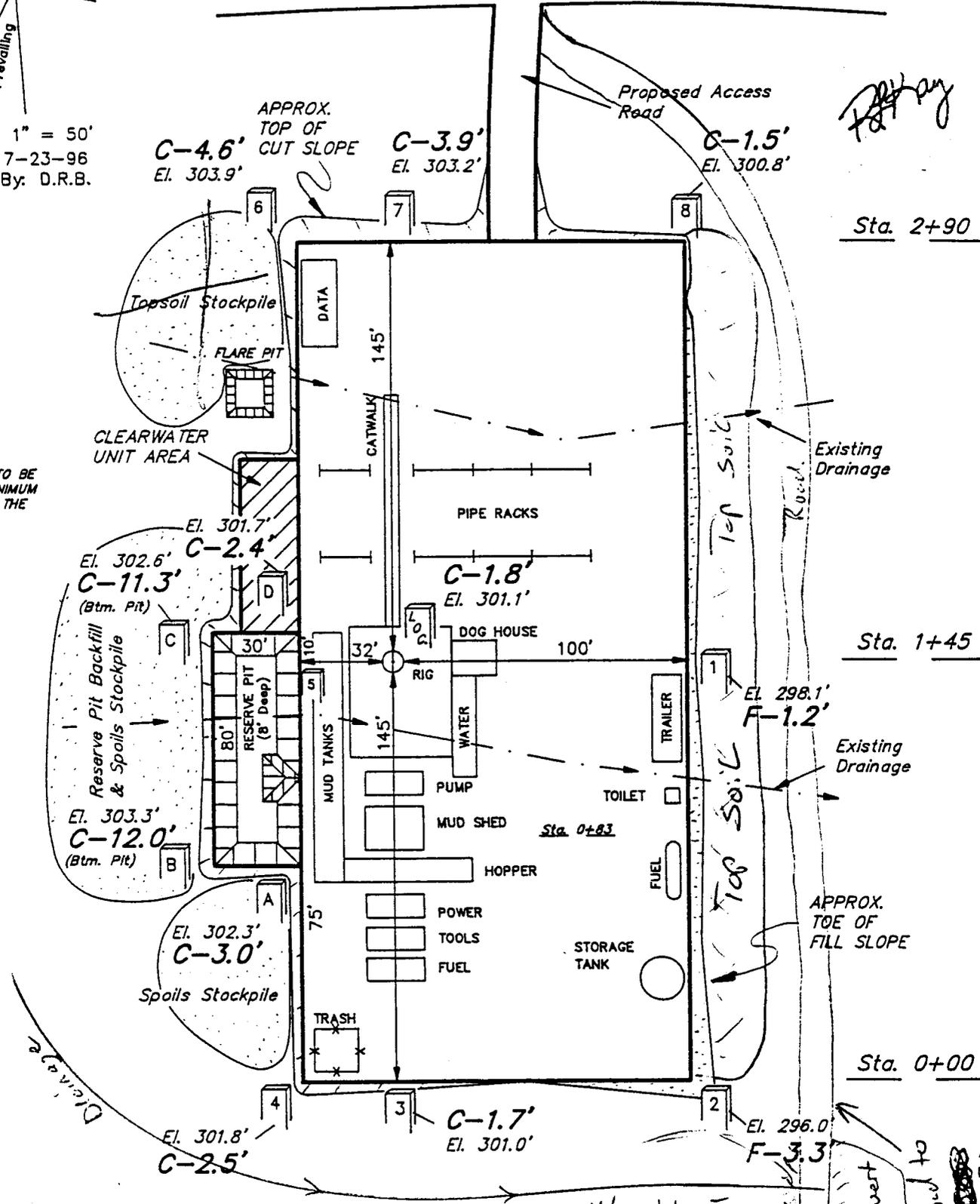
APPROX. TOP OF CUT SLOPE
C-4.6' El. 303.9'
C-3.9' El. 303.2'
C-1.5' El. 300.8'

Handwritten signature

Sta. 2+90

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

NOTE:
PIT CAPACITY WITH 2' OF FREEBOARD = 1,500 Bbls.



Sta. 1+45

Sta. 0+00

Elev. Ungraded Ground at Location Stake = 5301.1'
Elev. Graded Ground at Location Stake = 5299.3'

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

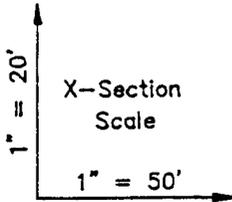
TSF 12-30

INLAND PRODUCTION CO.

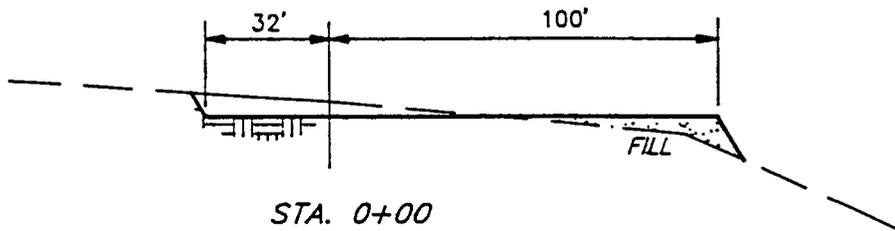
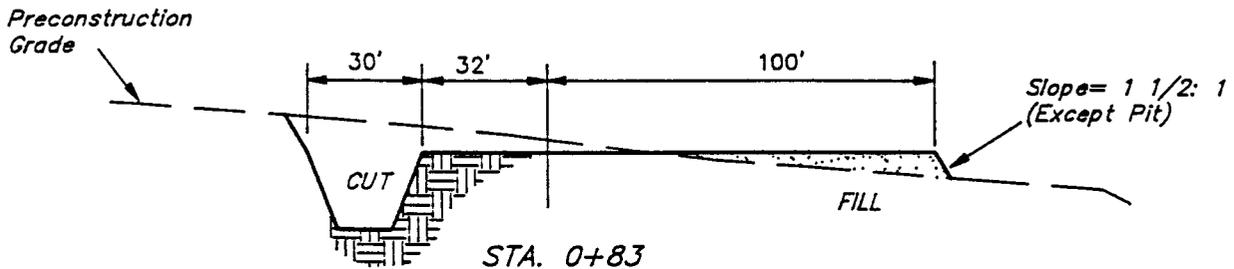
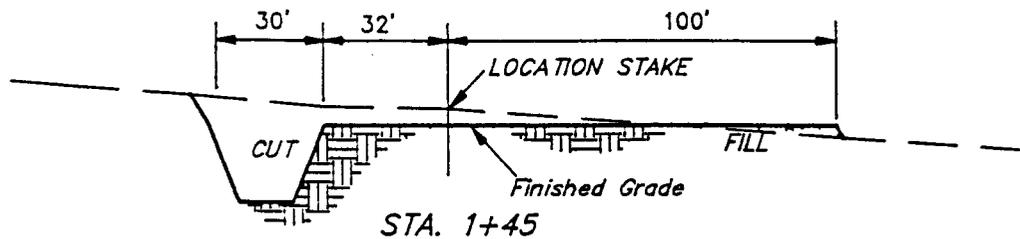
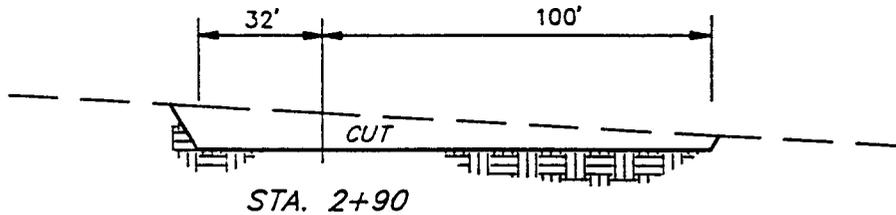
TYPICAL CROSS SECTIONS FOR

TAR SANDS FEDERAL #11-30
SECTION 30, T8S, R17E, S.L.B.&M.
2015' FSL 1935' FWL

Forney



DATE: 7-23-96
Drawn By: D.R.B.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 750 Cu. Yds.
Remaining Location	= 1,490 Cu. Yds.
TOTAL CUT	= 2,240 CU.YDS.
FILL	= 1,190 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 990	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 990	Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 0	Cu. Yds.

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

RAM TYPE B.O.P.

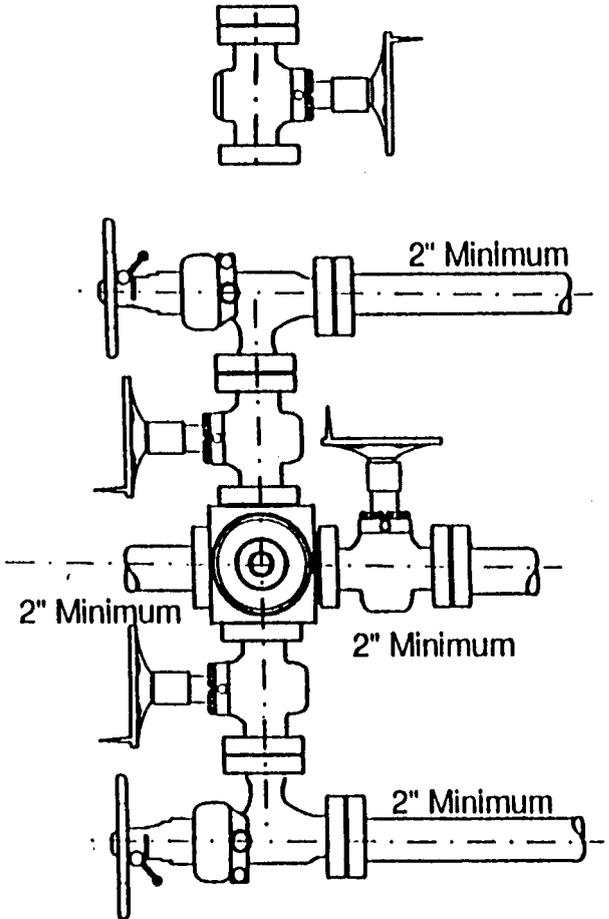
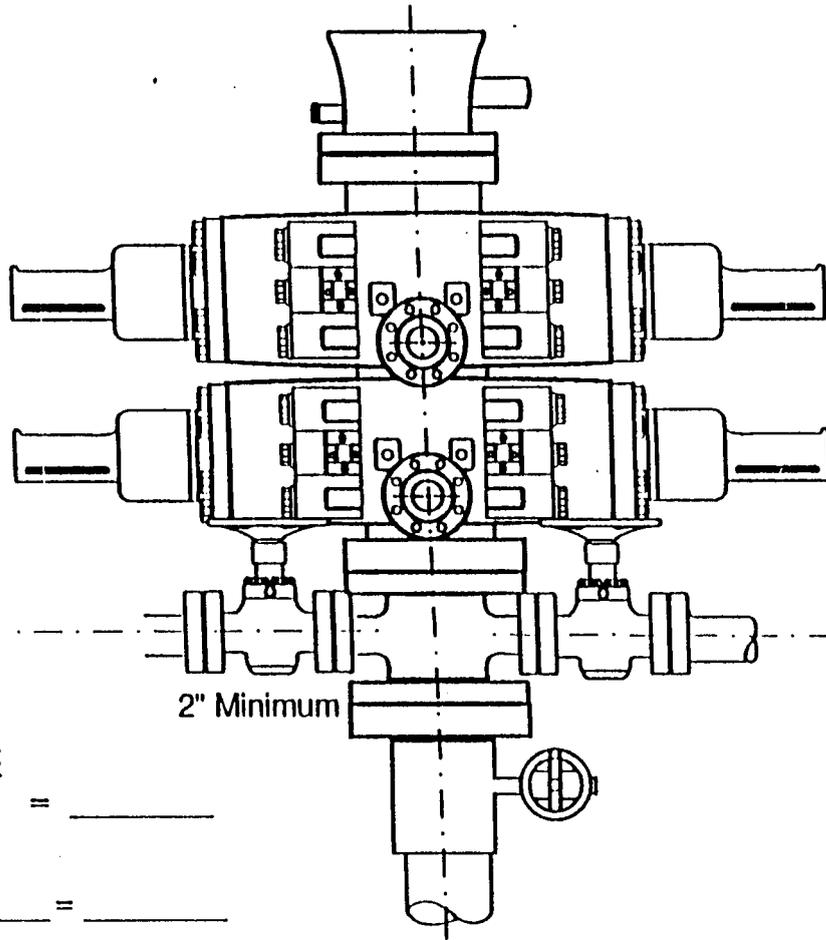
Make:

Size:

Model:

2-M SYSTEM

EXHIBIT F



GAL TO CLOSE

Annular BOP = _____

Ramtype BOP _____

_____ Rams x _____ = _____

= _____ Gal.

_____ x 2 = _____ Total Gal.

Rounding off to the next higher increment of 10 gal. would require

_____ Gal. (total fluid & nitro volume)

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/07/96

API NO. ASSIGNED: 43-013-31732

WELL NAME: TAR SANDS FEDERAL #11-30
 OPERATOR: INLAND PRODUCTION COMANY (N5160)

PROPOSED LOCATION:
 NESW 30 - T08S - R17E
 SURFACE: 2015-FSL-1935-FWL
 BOTTOM: 2015-FSL-1935-FWL
 DUCHESNE COUNTY
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED
 LEASE NUMBER: U - 74869

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal State Fee
 (Number 448894H)

Potash (Y/N)

Oil shale (Y/N)

Water permit
 (Number MB FED 5-35)

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

LOCATION AND SITING:

___ R649-2-3. Unit: _____

R649-3-2. General.

___ R649-3-3. Exception.

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

COMMENTS: _____

STIPULATIONS: _____

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: INLAND PRODUCTION CO	Well Name: TAR SANDS FED 11-30
Project ID: 43-013-31732	Location: SEC. 30 - T8S - 17E

Design Parameters:

Mud weight (10.00 ppg) : 0.519 psi/ft
 Shut in surface pressure : 2953 psi
 Internal gradient (burst) : 0.065 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

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

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost
1	6,500	5.500	15.50	J-55	LT&C	6,500	4.825
	Collapse Load Strgth S.F. (psi) (psi)		Burst Load Strgth S.F. (psi) (psi)	Min Int Strgth S.F. (psi)	Yield S.F.	Tension Load Strgth S.F. (kips) (kips)	
1	3377	4040	1.196	3377	4810	1.42	100.75 217 2.15 J

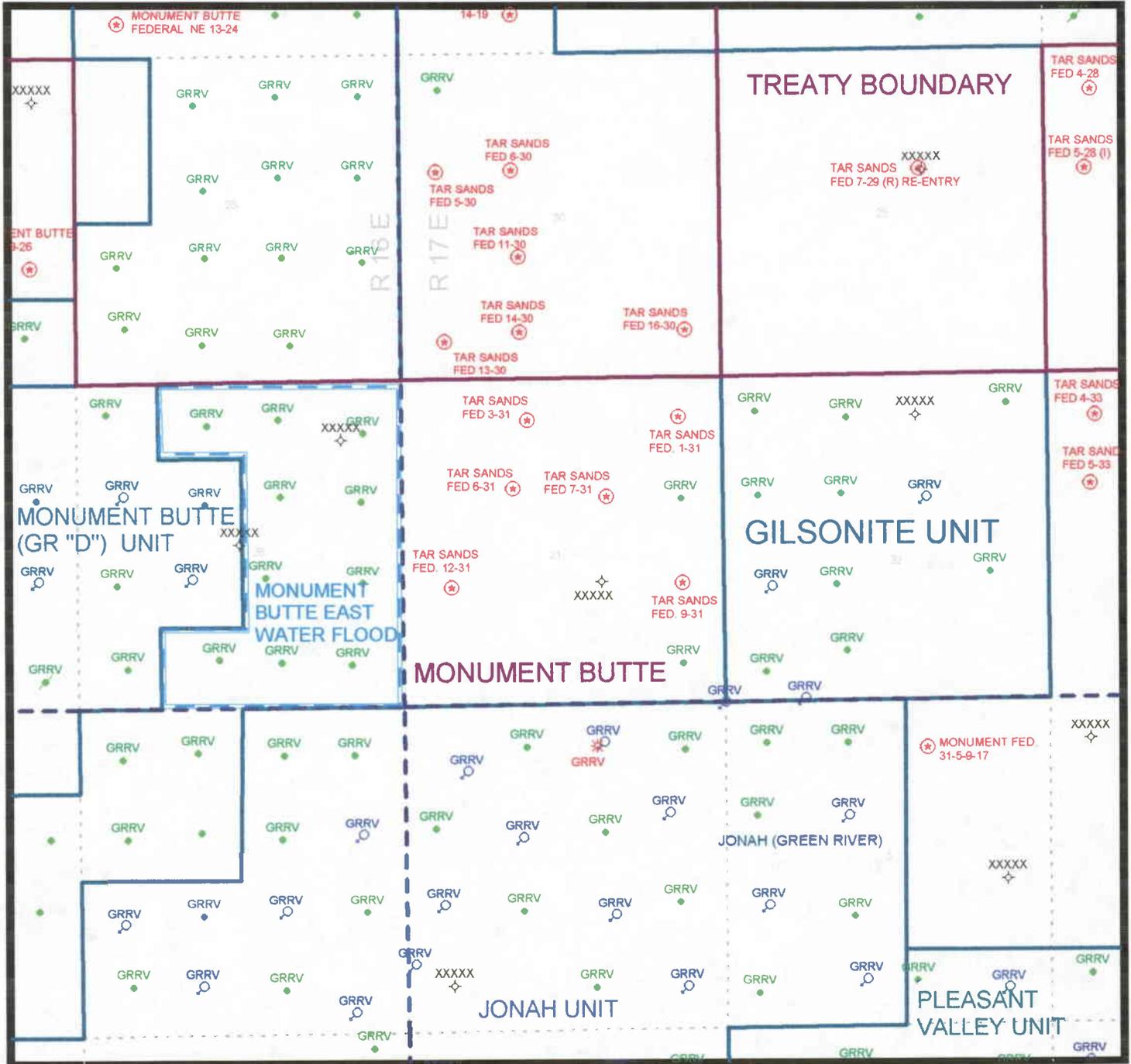
Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 10-28-1996
 Remarks :

GREEN RIVER

Minimum segment length for the 6,500 foot well is 1,500 feet.
 SICP is based on the ideal gas law, a gas gravity of 0.69, and a mean gas temperature of 119°F (Surface 74°F , BHT 165°F & temp. gradient 1.400°/100 ft.)
 String type: Production
 The mud gradient and bottom hole pressures (for burst) are 0.519 psi/ft and 3,377 psi, respectively.

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

OPERATOR: INLAND PRODUCTION
FIELD: MONUMENT BUTTE (105)
SECTION: 30 & 31 T8S R17E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
 DATE: 10-OCT-96



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

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

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

October 28, 1996

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

Re: Tar Sands Federal 11-30 Well, 2015' FSL, 1935' FWL,
NE SW, Sec. 30, 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 43-013-31732.

Sincerely,


R. J. Firth
Associate Director

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



Operator: Inland Production Company
Well Name & Number: Tar Sands Federal 11-30
API Number: 43-013-31732
Lease: U-74869
Location: NE SW Sec. 30 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 Frank Matthews at (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

5. LEASE DESIGNATION AND SERIAL NO. U-74869
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Tar Sands Federal
9. WELL NO. #11-30
10. FIELD AND POOL OR WILDCAT Monument Butte
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T8S, R17E
12. County Duchesne 13. STATE UT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN []
1b. TYPE OF WELL OIL WELL [X] 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 Phone: (801) 722-5103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At Surface NE/SW 1935' FWL & 2015' FSL
At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9.6 Miles Southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1935'

16. NO. OF ACRES IN LEASE
1968.01

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.
1260'

19. PROPOSED DEPTH
6500'

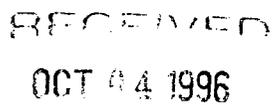
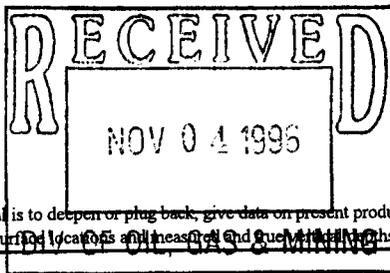
20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5299.3'

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

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 12 1/4, 7 7/8 hole sizes with corresponding casing and cement details.

The actual cement volumes will be calculate 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 strike lengths. Give blowout preventer program, if any.

24. SIGNED Brad Mecham [Signature] TITLE District Manager DATE 9/23/96

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:
APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE OCT 29 1996

*See Instructions On Reverse Side

NOTICE OF APPROVAL

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

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Fed. 11-30

API Number: 43-013-31732

Lease Number: U-74869

Location: NESW Sec. 30 T. 8S R. 17E

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

3. Casing Program and Auxiliary Equipment

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

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at ± 314 ft. or by setting the surface casing at ± 364 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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** if the surface casing is set at ± 364 ft. or it will be run to **SURFACE** if the surface casing is set at ± 300 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil &

Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend 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.

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

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

-No surface disturbing activities, construction, or drilling operations, including the initial completion activities, are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this Condition of Approval may be specifically approved in writing by the authorized officer of the Bureau of Land Management if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.

-If the well becomes a producing well, a multicylinder engine would be used on the pumping unit.

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

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

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	12040	43-013-31711	Tar Sands Federal 14-30	SES	30	8S	17E	Duchesne	11/20/96	11/20/96
WELL 1 COMMENTS: <i>Entity added 11-26-96. See</i>											
* A	99999	12041	43-013-31732	Tar Sands Federal 11-30	NES	30	8S	17E	Duchesne	11/18/96	11/18/96
WELL 2 COMMENTS: <i>Entity added 11-26-96. See</i>											
A	99999	12035	43-013-31703	MBFNE 14-26	SES	26	8S	16E	Duchesne	11/13/96	11/13/96
WELL 3 COMMENTS: <i>Entity previously added 11-15-96.</i>											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

(3/89)

Cheryl Cameron
Signature Cheryl Cameron
RCS 11/26/96
Title _____ Date _____
Phone No. 801, 789-1866

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: INLAND TAR SANDS 11-30

Api No. 43-013-31732

Section 30 Township 8S Range 17E County DUCHESNE

Drilling Contractor _____

Rig #: _____

SPUDDED:

Date: 11/15/96

Time: _____

How: DRY HOLE

Drilling will commence: _____

Reported by: D. INGRAM-DOGM

Telephone #: _____

Date: 11/14/96 Signed: JLT

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)
**NE/SW 2015' FSL & 1935' FWL
 Sec. 30, T8S R17E**

5. Lease Designation and Serial No.
U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
Tar Sands Federal #11-30

9. API Well No.
43-013-31732

10. Field and Pool, or Exploratory Area

11. County or Parish, State
Duchesne, UT

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

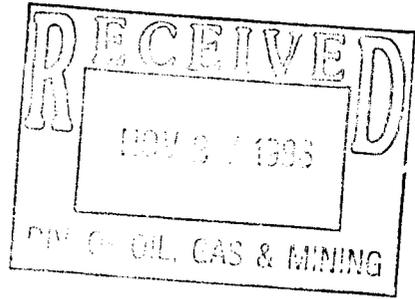
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/>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

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

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

**Drilled 12 1/4" hole w/ Leon Ross Rathole Rig to 250'. Finished drilling to 305'.
Run 284.19' GL of 8 5/8" 24# J-55 csg. Set 120 sx prem + w/ 2% CaCl + 2% gel w/ 1/4#/
sk flocele.**

SPUD 11/18/96



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

Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **11/22/96**

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**

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)
**NE/SW 2015' FSL & 1935' FWL
 Sec. 30 T8S, R17E**

5. Lease Designation and Serial No.
U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
Tar Sands Federal #11-30

9. API Well No.
43-013-31732

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, REPORT, OR OTHER DATA

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

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

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

WEEKLY STATUS REPORT FOR WEEK OF 12/1/96 - 12/8/96:

Drilled 7 7/8" hole w/ Caza, Rig #56, from 305' - 6150'. Set 6151' of 5 1/2" 15.5# J-55 csg. Cmt w/ 20 bbls dye flush, 20 bbls gel flush & 330 sx Hybond modified mixed (14.2 PPG w/ 1.59 ft/sk yield,) followed by 320 sx Thixo w/ 10% Calseal (14.2 PPG W/ 1.59 ft/sk yield.)

RDMOL

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

Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **12/13/96**
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

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

5. Lease Designation and Serial No.
U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
Tar Sands Federal #11-30

9. API Well No.
43-013-31732

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

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)
**NE/SW 2015' FSL & 1935' FWL
Sec. 30 T8S, R17E**

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>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 12/27/96 - 1/4/97:

Perf CP sd 5909'-5928'
Perf A sd 5492'-5497', 5501'-5504'

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

Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 1/7/97
Cheryl Cameron

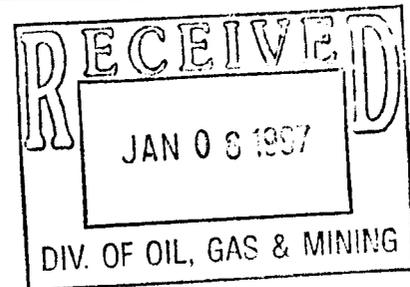
(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

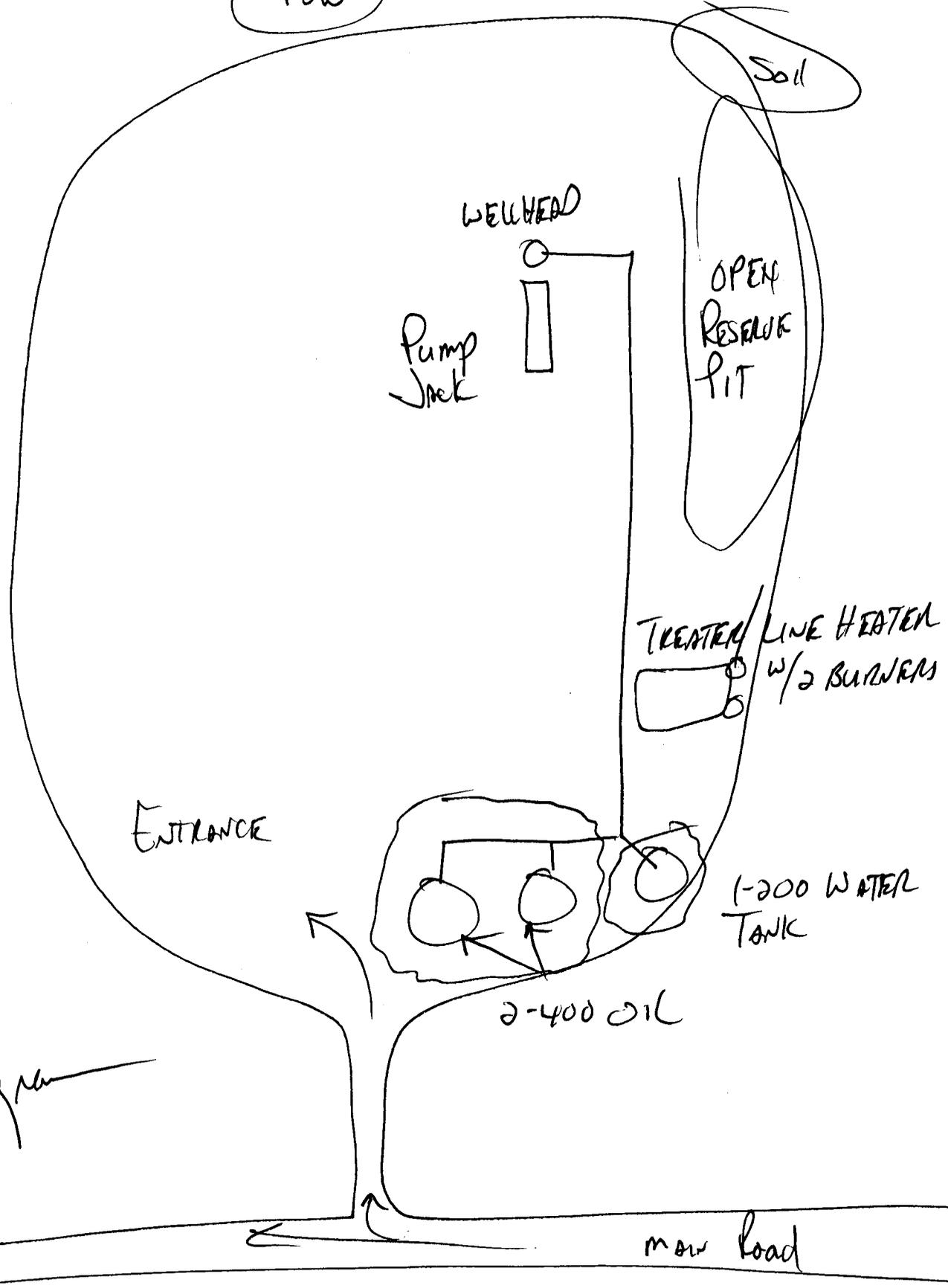
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



INLAND PRODUCTION CO
TAR SANDS FEDERAL #11-30
NE/SW, SEC 30; T8S; R17E
POW

U-74869
43-013-31732



1/22/97
Hydra

main road

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
Inland Production Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**NE/SW
 1935' FWL & 2015' FSL**

5. Lease Designation and Serial No.
U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
Tar Sands Federal 11-30

9. API Well No.
43-013-31732

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.)

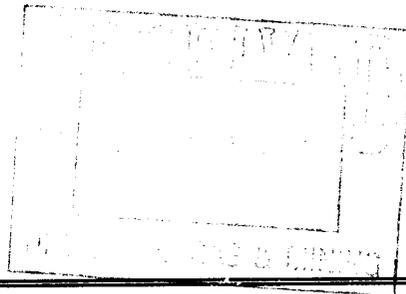
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to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

WEEKLY STATUS REPORT FOR WEEK OF 1/6/97 - 1/14/97:

Perf B sd @ 5302'-5307', 5325'-5337'
Perf D sd @ 5057'-5064'

RIH w/ Production String

On Production 1/14/97



14. I hereby certify that the foregoing is true and correct
Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 1/15/97
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 *

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 NE/SW
At top prod. interval reported below 1935' FWL & 2015' FSL
At total depth _____

14. PERMIT NO. 43-013-31732 DATE ISSUED 10/29/96

5. LEASE DESIGNATION AND SERIAL NO.

U-74869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tar Sands Federal

9. WELL NO.

#11-30

10. FIELD AND POOL, OR WILDCAT

Monument Butte

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

Sec. 30, T8S, R17E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED 11/18/96 16. DATE T.D. REACHED 12/7/96 17. DATE COMPL. (Ready to prod.) 1/14/97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5299' GR 19. ELEV. CASINGHEAD ---

20. TOTAL DEPTH, MD & TVD 6150' 21. PLUG, BACK T.D., MD & TVD 6100' 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)* 5909'-5928', 5492'-5497', 5501'-5504', 5302'-5307', 5325'-5337', 5057'-5064' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, CNL, DLL 2-20-97 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	284.19' GL	12 1/4	120 sx Prem + w/2% Gel, 2% sk flocele	CaCl + 1/4#
5 1/2	15.5#	6148' KB	7 7/8	20 bbls dye flush, 20 bbls 330 sx Hibond 65 & 320 sx Thixo w/ 10% CalSeal	gel flush &

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

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CP	5909'-5928'			See Back	
A	5492'-5497', 5501'-5504'				
B	5302'-5307', 5325'-5337'				
D	5057'-5064'				

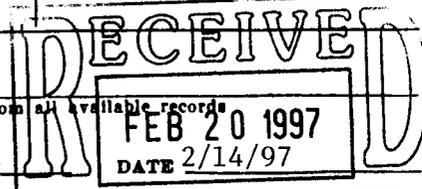
33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
1/14/97		Pumping - 2 1/2" X 1 1/2" X 12' 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	1/97	N/A	→	108	121	6	1.1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→						

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

35. LIST OF ATTACHMENTS
Logs in Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 2/14/97



*(See Instructions and Spaces for Additional Data on Reverse Side) DIV. OF OIL, GAS & MINING

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.	TOP	
				NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
Garden Gulch Mkr	4284'		#32. Perf CP sd @ 5909' -5928' Frac w/ 79,700# 20/40 sd in 498 bbls boragel Perf A sd @ 5492' -5497', 5501' -5504' Frac w/ 64,800# 20/40 sd in 432 bbls boragel Perf B sd @ 5302' -5307', 5325' -5337' Frac w/ 79,800# 20/40 sd in 459 bbls boragel Perf D sd @ 5057' -5064' Frac w/ 80,400# 20/40 sd in 475 bbls boragel		
Point 3 Mkr	4567'				
X Mkr	4798'				
Y Mkr	4835'				
Douglas Ck Mkr	4964'				
Bicarbonate Mkr	5207'				
B Limestone Mkr	5349'				
Castle Peak	5858'				
Basal Carbonate	NDE				

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

SUNDRY NOTICES AND REPORTS ON WELLS

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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)
**NE/SW 2015' FSL & 1935' FWL
 Sec. 30 T8S, R17E**

5. Lease Designation and Serial No.
U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
Tar Sands Federal #11-30

9. API Well No.
43-013-31732

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>Workover</u>	<input type="checkbox"/>	Dispose Water

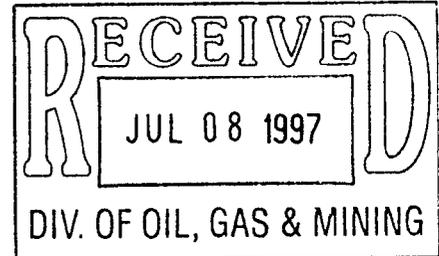
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

WEEKLY STATUS REPORT FOR WEEK OF 6/18/97 - 6/26/97:

Perf GB SD 4535'-4541' & 4550'-4563'

Squeeze off perfs: Bullhead 70 sx Prem + cmt w/ .3% Halad, .2% CFR-3 3% KCL & squeeze off perfs 4535'-4541', 4550'-4563'. First 10 sx mixed @ 9 ppg, last 60 sx mixed @ 16.4 ppg w/ 1.06 ft/sk yield. Stage in final 2 bbls cmt w/ final squeeze. 2 bbls cmt in csg. Est load f/ job: 16 bbls cmt, 43 BW.



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

Signed *Cheryl Cameron*
Cheryl Cameron

Title Regulatory Compliance Specialist Date 6/30/97

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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to any matter within its jurisdiction.

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
Inland Production Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**NE/SW
1935' FWL & 2015' FSL**

5. Lease Designation and Serial No.
U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
Tar Sands Federal 11-30

9. API Well No.
43-013-31732

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

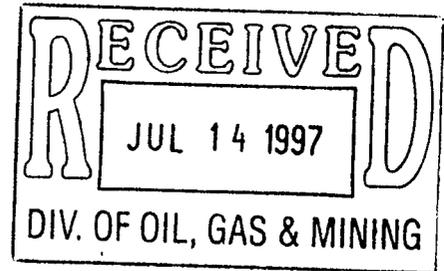
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> 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 6/27/97 - 7/1/97:

RIH w/ production string. Placed well on production @ 5:00 pm 7/1/97.



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

Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 7/7/97
Cheryl Cameron

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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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-74869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Tar Sands Federal

9. WELL NO.
#11-30

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 30, T8S, R17E

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

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

Perf GB Sand
Squeeze GB perfs

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 NE/SW
At top prod. interval reported below 1935' FWL & 2015' FSL
At total depth

14. PERMIT NO. 43-013-31732	DATE ISSUED 10/28/96	12. COUNTY OR PARISH Duchesne	13. STATE UT
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15. DATE SPUDDED 11/18/96	16. DATE T.D. REACHED 12/7/96	17. DATE COMPL. (Ready to prod.) 7/1/97	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5299.3'	19. ELEV. CASINGHEAD
------------------------------	----------------------------------	--	--	----------------------

20. TOTAL DEPTH, MD & TVD 6150'	21. PLUG, BACK T.D., MD & TVD 6094'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS	CABLE TOOLS
------------------------------------	--	-----------------------------------	-------------------------------	--------------	-------------

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4535'-4541', 4550'-4563' Green River

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED
No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	285.79'	12 1/4	120 sx prem + w/ 2% gel 12% sk flocele	CC + 1/4#
5 1/2	15.5#	6151'	7 7/8	330 sx Hibond 65 Mod & 320 w/ 10% CalSeal	sx Thixo

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

31. PERFORATION RECORD (Interval, size and number)
GB 4535'-4541', 4550'-4563'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD)
See Reverse Side

AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION 7/1/97	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Producing - 2 1/2" X 1 1/2" X 15' RHAC pump	WELL STATUS (Producing or shut-in) Producing					
DATE OF TEST 3 Day Avg	HOURS TESTED 7/97	CHOKER SIZE N/A	PROD'N. FOR TEST PERIOD →	OIL—BBL. 29	GAS—MCF. 58	WATER—BBL. 12	GAS-OIL RATIO 2.0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

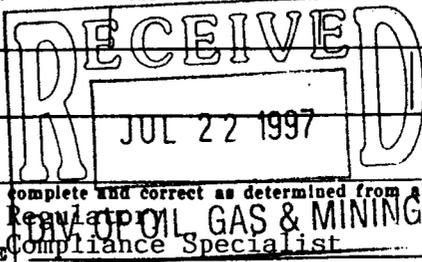
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold & Used For Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
None

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

SIGNED Cheryl Cameron TITLE Compliance Specialist DATE 7/15/97



*(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
			<p>#32. Perf GB sd 4535'-4541', 4550'-4563' Frac w/ 192,340# 20/40 sd in 480 bbls boragel Squeeze perfs off as follows: Bullhead 70 sx prem + cmt w/ .3% Halad, .2% CFR-3 & 3% KCL & squeeze off perfs 4535'-4541', 4550'-4563'. First 10 sx mixed @ 9 ppg Last 60 sx mixed @ 16.4 ppg Stage in final 2 bbls cmt w/ final squeeze</p>			

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

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF INLAND	:	ACTION
PRODUCTION COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-207.6
THE 3-30, 1-30, 7-30, 11-30, 9-30,	:	
15-30, 7-31 AND 3-31 WELLS	:	
LOCATED IN SECTIONS 30 AND 31,	:	
TOWNSHIP 8 SOUTH, RANGE 17	:	
EAST, S.L.M., DUCHESNE COUNTY,	:	
UTAH, AS CLASS II INJECTION	:	
WELLS	:	

---ooOoo---

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

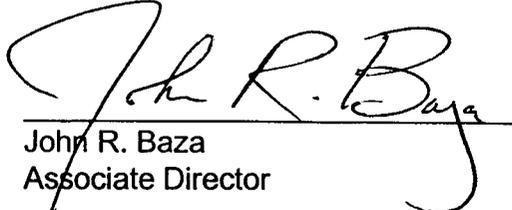
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the 3-30, 1-30, 7-30, 11-30, 9-30, 15-30, 7-31 and 3-31 wells, located in Sections 30 and 31, Township 8 South, Range 17 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The Green River Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of March 1998.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING


John R. Baza
Associate Director



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)

March 10, 1998

Newspaper Agency Corporation
Legal Advertising
PO Box 45838
Salt Lake City, Utah 84145

Re: Notice of Agency Action - Cause No. UIC-207

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt

Lorraine Platt
Secretary

Enclosure



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)

March 10, 1998

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066-9998

Re: Notice of Agency Action - Cause No. UIC-207

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Lorraine Platt

Lorraine Platt
Secretary

Enclosure

**Inland Production Company
3-30, 1-30, 7-30, 11-30, 9-30, 15-30, 7-31 and 3-31 Wells
Cause No. UIC-207**

Publication Notices were sent to the following:

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

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

Newspaper Agency Corporation
Legal Advertising
P.O. Box 45838
Salt Lake City, Utah 84145

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

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

U.S. Environmental Protection Agency
Region VIII
Attn. Dan Jackson
999 18th Street
Denver, Colorado 80202-2466



Lorraine Platt
Secretary
March 10, 1998

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. H 5160

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		12308									
WELL 1 COMMENTS: *SAND WASH (GREEN RIVER) UNIT EFF 12-01-97; ALL WELLS LISTED SHOULD BE GROUPED TOGETHER UNDER A COMMON ENTITY NUMBER AS PER OPERATOR REQUEST EFF 12-1-97. (SEE ATTACHED)											
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)
- D - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

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

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

3-11-98

Title

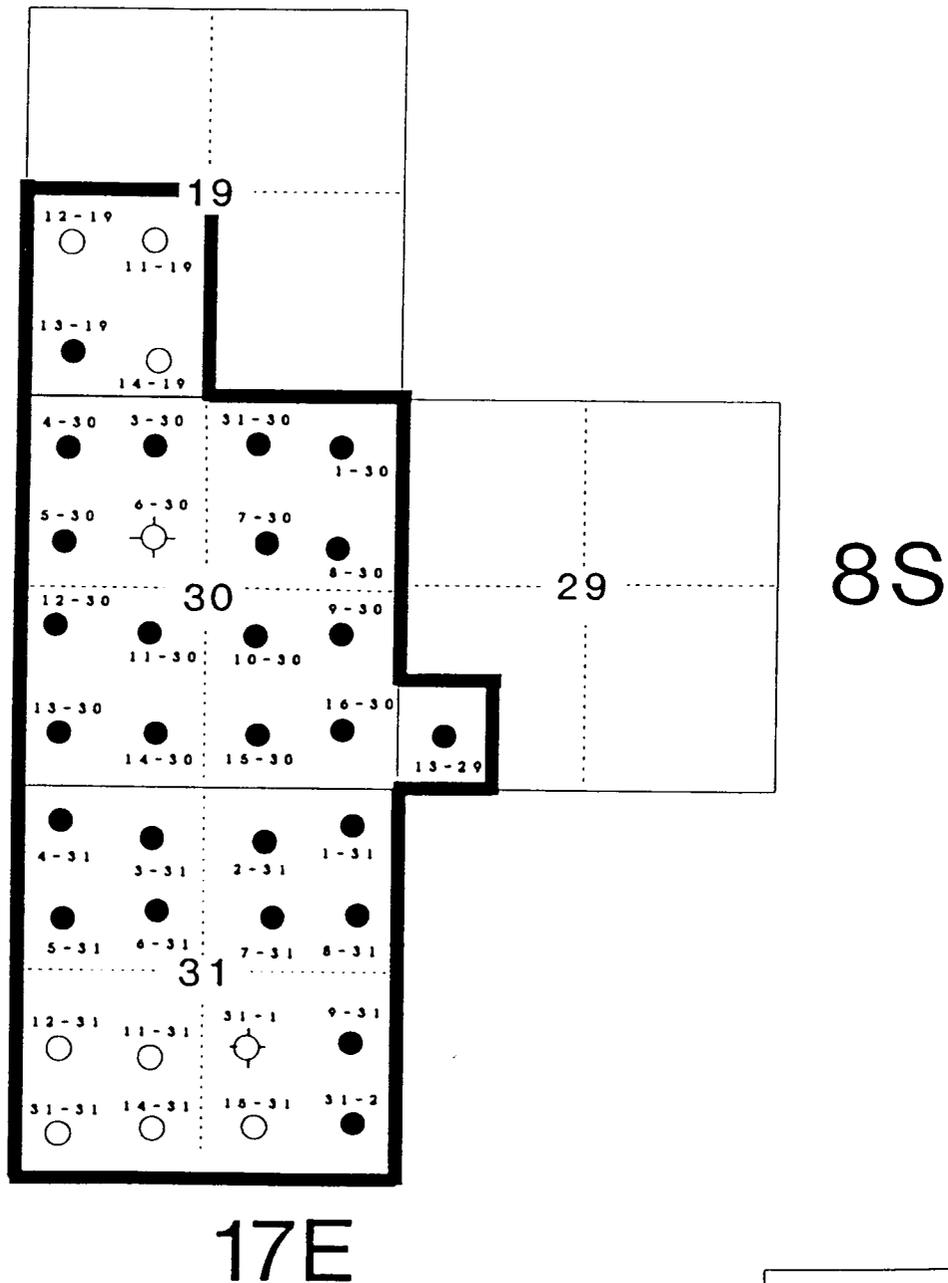
Date

Phone No. () _____

SAND WASH (GREEN RIVER) UNIT

Duchesne County, Utah

EFFECTIVE: DECEMBER 1, 1997



— UNIT OUTLINE (UTU76788X)
1,444.06 ACRES

SECONDARY ALLOCATION	
FEDERAL FEE	96.94%
	3.06%

INLAND PRODUCTION COMPANY SANDWASH UNIT

SANDWASH UNIT	WELL NAME & # W/ RANGE & TOWNSHIP	API NUMBER	
	TAR SANDS #13-29-8-17	43-013-31925	12218
	TAR SANDS #1-30-8-17	43-013-31898	12251
Wildrose Resources	HARBOUR TOWN #31-30-8-17 (2-30)	43-013-31758	12097
	TAR SANDS #3-30-8-17	43-013-31755	12045
	TAR SANDS #4-30-8-17	43-013-31621	11916
	TAR SANDS #5-30-8-17	43-013-31620	11958
	TAR SANDS #7-30-8-17	43-013-31807	12131
	TAR SANDS #8-30-8-17	43-013-31870	12141
	TAR SANDS #9-30-8-17	43-013-31873	12177
	TAR SANDS #10-30-8-17	43-013-31808	12126
	TAR SANDS #11-30-8-17	43-013-31732	12041
	TAR SANDS #12-30-8-17	43-013-31543	11945
	TAR SANDS #13-30-8-17	43-013-31637	11940
	TAR SANDS #15-30-8-17	43-013-31874	12164
	TAR SANDS #16-30-8-17	43-013-31708	12070
	TAR SANDS #1-31-8-17	43-013-31654	12012
	TAR SANDS #2-31-8-17	43-013-31866	12142
	TAR SANDS #3-31-8-17	43-013-31733	12162
	TAR SANDS #4-31-8-17	43-013-31606	11953
	TAR SANDS #5-31-8-17	43-013-31607	12140
	TAR SANDS #6-31-8-17	43-013-31686	12163
	TAR SANDS #7-31-8-17	43-013-31684	12149
	TAR SANDS #8-31-8-17	43-013-31615	11913
	TAR SANDS #9-31-8-17	43-013-31616	12220
Wildrose Resources	GOVT #31-2-8-17 (16-31)	43-013-20082	06300

To: Lisa
 From: Debbie



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)

FACSIMILE COVER SHEET

DATE: 01-09-98

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 4

TO: KEBBIE JONES
INLAND PRODUCTION COMPANY

FAX NUMBER: (801)722-9149

FROM: LISHA CORDOVA
DIVISION OF OIL GAS AND MINING

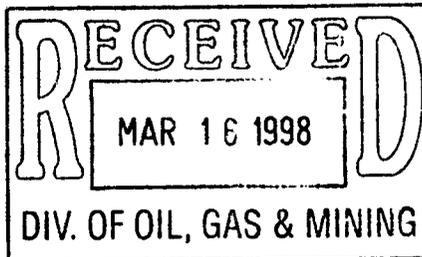
PHONE: (801) 538-5340
 FAX: (801) 359-3940

SUBJECT: PLEASE REVIEW ENTITY ASSIGNMENTS FOR THE UNITS LISTED BELOW:
ASHLEY, BOUNDARY, SAND WASH (GREEN RIVER) *PLATS ATTACHED

REMARKS: IF YOU WOULD LIKE A "COMMON" ENTITY NUMBER ASSIGNED FOR
REPORTING PURPOSES, PLEASE LET ME KNOW ASAP! ANY QUESTIONS, PLEASE
CALL ME AT 538-5296. THANK YOU!

Should you encounter any problems with this copy, or do not receive all the pages, please call

Important: This message is intended for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return this original message to us at the above address via regular postal service. Thank you.



March 10, 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 #11-30
Monument Butte Field, Sand Wash Unit, Lease #U-74869
Section 30-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 #11-30 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 #11-30 well and run approximately 2640' in a northerly direction, and tie into an existing line. The line would be a 3" coated steel pipe, buried 5' below the surface.

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
SAND WASH UNIT
TAR SANDS FEDERAL #11-30
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #U-74869
MARCH 10, 1998

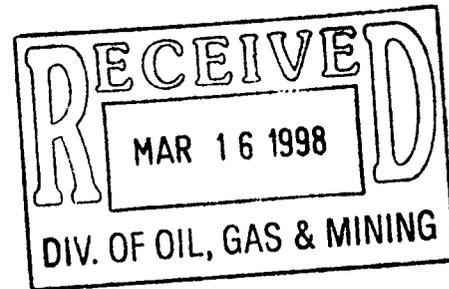
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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



Well Name and number: Tar Sands Federal #11-30
Field or Unit name: Monument Butte (Green River) Sand Wash Unit Lease No. U-74869
Well Location: QQ NESW section 30 township 8S range 17E county Duchesne

Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
 Disposal? Yes [] No [X]
 Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [X] No []
Date of test: 12/28/96
API number: 43-013-31732

Proposed injection interval: from 5057' to 5928
Proposed maximum injection: rate 500 bpd pressure 1919 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

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

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

I certify that this report is true and complete to the best of my knowledge.
Name: John E. Dyer Signature 
Title Chief Operating Officer Date 3/10/98
Phone No. (303) 292-0900

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:

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.**

Tar Sands Federal #11-30

Spud Date: 12/2/96
 Put on Injection: --/--/--
 GL: 5299' KB: 5312'

Initial Production: 108 BOPD,
 121 MCFPD, 6 BWPD

Proposed Injector Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (285.79')
 DEPTH LANDED: 284.19' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

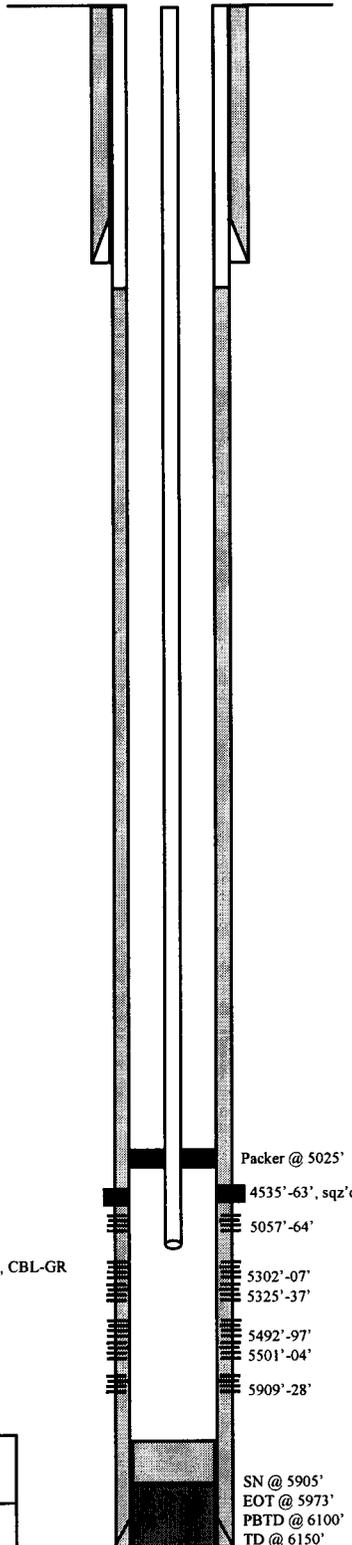
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6151')
 DEPTH LANDED: 6148'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 330 sk Hibond mixed & 320 sxs thixotropic
 CEMENT TOP AT: 278' per CBL

TUBING

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

SUCKER RODS

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



FRAC JOB

1/2/97 5909'-5928' **Frac CP-1 sand as follows:**
 79,700# of 20/40 sand in 498 bbls of Borgel. Breakdown @ 2842 psi. Treated @ avg rate of 25.2 bpm w/avg press of 1450 psi. ISIP-1924 psi, 5-min 1761 psi. Flowback on 12/64" ck for 3 hours and died.

1/4/97 5492'-5504' **Frac A-3 sand as follows:**
 64,800# of 20/40 sand in 432 bbls of Borgel. Breakdown @ 3318 psi. Treated @ avg rate of 22.1 bpm w/avg press of 2180 psi. ISIP-2497 psi, 5-min 2330 psi. Flowback on 12/64" ck for 2 hours and died.

1/8/97 5302'-5337' **Frac B-1 sand as follows:**
 79,800# of 20/40 sand in 459 bbls of Borgel. Breakdown @ 3745 psi. Treated @ avg rate of 20.1 bpm w/avg press of 2200 psi. ISIP-2295, 5-min 2105 psi. Flowback on 12/64" ck for 2 hours and died.

1/9/97 5057'-5064' **Frac D-2 sand as follows:**
 80,400# of wo/40 sand in 475 bbls of Borgel. Treated @ avg rate of 20.5 bpm w/avg press of 1800 psi. Breakdown @ 2535 psi. ISIP: 2365 psi, 5-min 2322 psi. Flowback on 12/64" ck for 3 hours and died.

6/22/97 4535'-4563' **Frac GB sand as follows:**
 192,340# of 20/40 sand in 480 bbls of Borgel. Treated @ avg rate of 26.2 bpm w/avg press of 2300 psi. Breakdown @ 2785 psi. ISIP: 3309 psi, 5-min 2425 psi. Flowback on 12/64" ck for 4 hours and died.

PERFORATION RECORD

Date	Interval	Tool	Holes
12/30/96	5909'-5928'	4 JSPF	76 holes
1/3/97	5492'-5497'	4 JSPF	20 holes
1/3/97	5501'-5504'	4 JSPF	16 holes
1/6/97	5302'-5307'	4 JSPF	20 holes
1/6/97	5325'-5337'	4 JSPF	48 holes
1/9/97	5057'-5064'	4 JSPF	28 holes
6/20/97	4550'-4563'	4 JSPF	52 holes
6/20/97	4535'-4541'	4 JSPF	24 holes



Inland Resources Inc.

Tar Sands Federal #11-30

1935 FWL 2015 FSL
 NESW Section 30-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31732; Lease #U-74869

**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 #11-30 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 #11-30 well and run approximately 2640' in a northerly direction, and tie into an existing line. 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 #11-30 well, the proposed injection zone is from 5057'-5928'. 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 5057'.

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

The referenced log for the Tar Sands Federal #11-30 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-74869), in the Monument Butte (Green River) Field, Sand Wash Unit, and this request is 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 284.19' GL, and the 5-1/2" casing run from surface to 6148' 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 1919 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 #11-30, for proposed zones (5057' – 5928') 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 1919 psig. See Attachment G thru 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 #11-30, the injection zone (5057'-5928') 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-10.

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.

Attachment A



Tar Sands

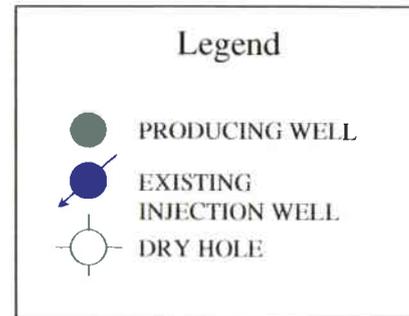
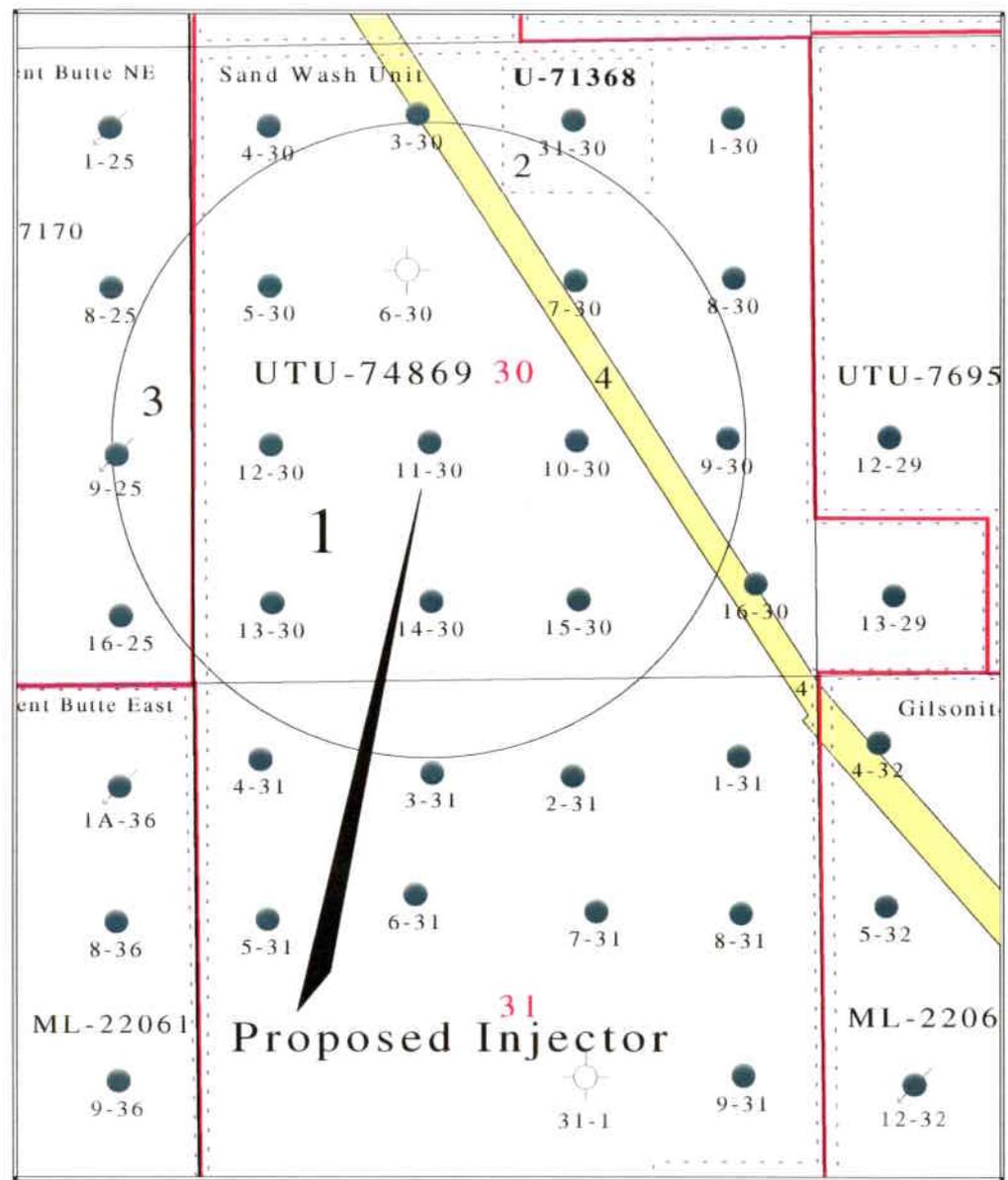
DUCHESNE COUNTY, UTAH

MINERAL RIGHTS

(GRAZING RIGHTS ONLY)

LESSEE: ELMER & LEE MOON

EXHIBIT



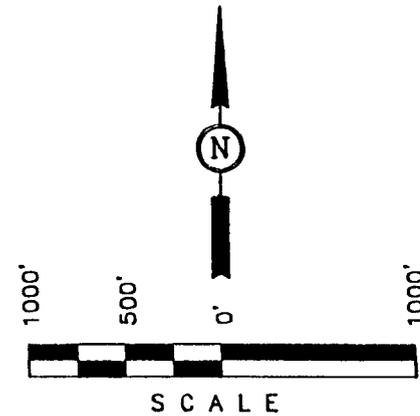
Tar Sands Federal 11-30 6150 TD

INLAND PRODUCTION CO.

Well location, TAR SANDS FEDERAL #11-30, located as shown in the NE 1/4 SW 1/4 of Section 30, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 30, 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 5395 FEET.



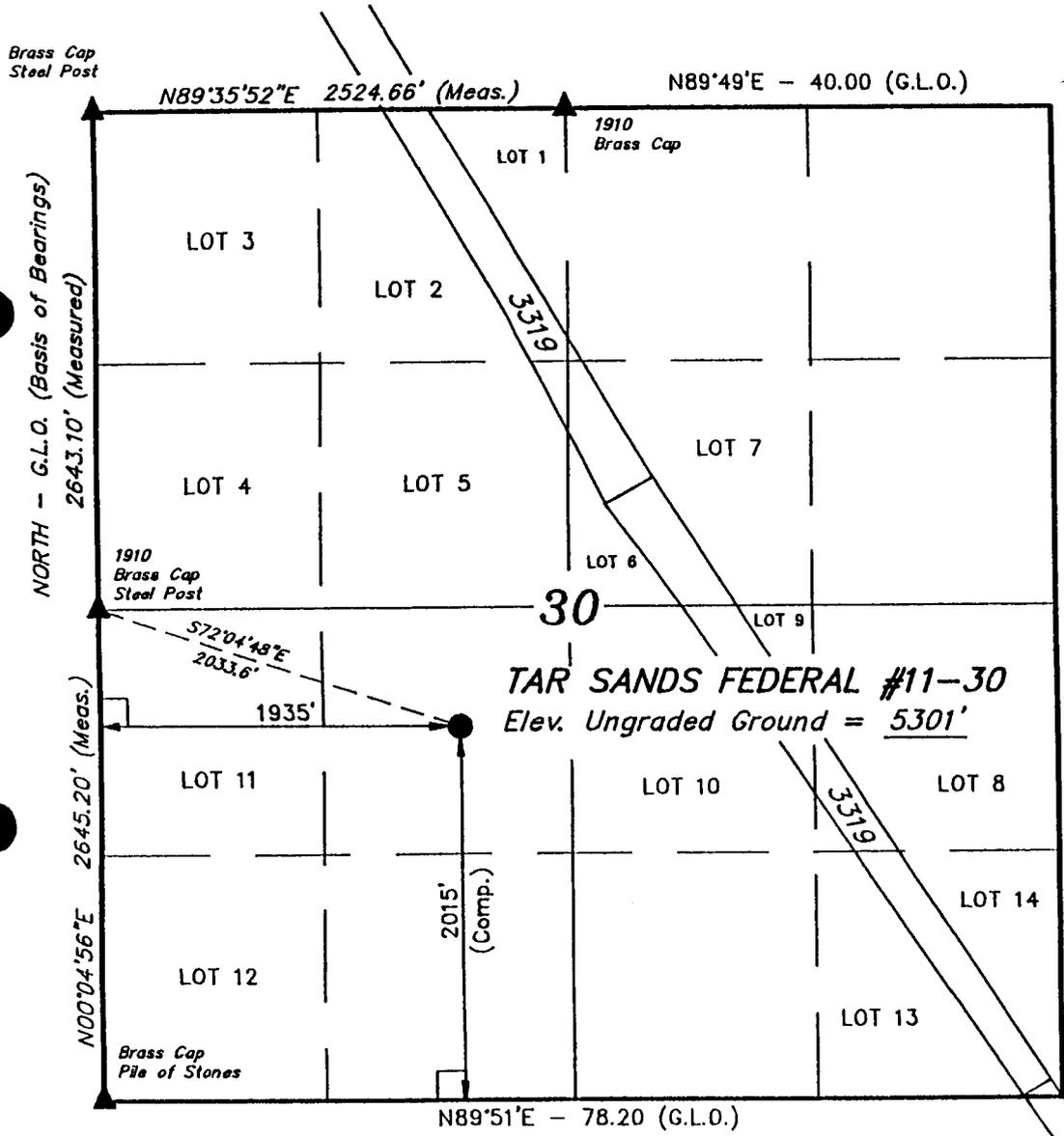
CERTIFICATE

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 J. Gray
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 7-22-96	DATE DRAWN: 7-23-96
PARTY L.D.T. K.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

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



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

Attachment A-1

EXHIBIT B

Page 1

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
1	Township 8 South, Range 17 East Section 29: Lot 1 Section 30: Lots 1-14 E/2NE/4, E/2SW/4, SW/4SE/4 Section 31: Lots 1-5, W/2E/2, SE/NE E/2W/2, NE/4SE/4	USA	Inland Production Company	U-74869 HBP	(Surface Rights) USA (Grazing Rights) Elmer & Lee Moon
2.	Township 8 South, Range 17 East Section 30: NW/4NE/4	USA	Snyder Oil Corporation	U-71368 HBP	(Surface Rights) USA (Grazing Rights) Elmer & Lee Moon
3.	Township 8 South, Range 16 East Section 24: S/2 Section 25: NE/4, E/2NW/4, S/2 Section 26: S/2SE/4	USA	Inland Production Company	U-67170 HBP	(Surface Rights) USA (Grazing Rights) Elmer & Lee Moon

Attachment B
(Pg 1 of 2)

EXHIBIT B

Page 2

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
4.	Township 8 South, Range 17 East Sections 19, 30 & 31	Raven, Blackbird and Brunette Mining Claims	Kaiser-Francis Oil Company		

Attachment B
(Pg 2 of 2)

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Tar Sands Federal #11-30

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 10th day of March, 1998.

Notary Public in and for the State of Colorado: 



My Commission Expires 11/14/2000

Tar Sands Federal #11-30

Spud Date: 12/2/96
 Put on Production: 1/14/97
 GL: 5299' KB: 5312'

Initial Production: 108 BOPD,
 121 MCFPD, 6 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (285.79')
 DEPTH LANDED: 284.19' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6151')
 DEPTH LANDED: 6148'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 330 sk Hibond mixed & 320 sxs thixotropic
 CEMENT TOP AT: 278' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 188 jts.
 TUBING ANCHOR: 5841'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5973')
 SN LANDED AT: 5905'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-1" scraped, 133-3/4" plain rods, 98-3/4" scraped
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2 x 1-1/2 x 12 x 15 RHAC pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 8
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

1/2/97 5909'-5928' **Frac CP-1 sand as follows:**
 79,700# of 20/40 sand in 498 bbls of Borgel.
 Breakdown @ 2842 psi. Treated @ avg rate of 25.2 bpm w/avg press of 1450 psi. ISIP-1924 psi, 5-min 1761 psi. Flowback on 12/64" ck for 3 hours and died.

1/4/97 5492'-5504' **Frac A-3 sand as follows:**
 64,800# of 20/40 sand in 432 bbls of Borgel. Breakdown @ 3318 psi. Treated @ avg rate of 22.1 bpm w/avg press of 2180 psi. ISIP-2497 psi, 5-min 2330 psi. Flowback on 12/64" ck for 2 hours and died.

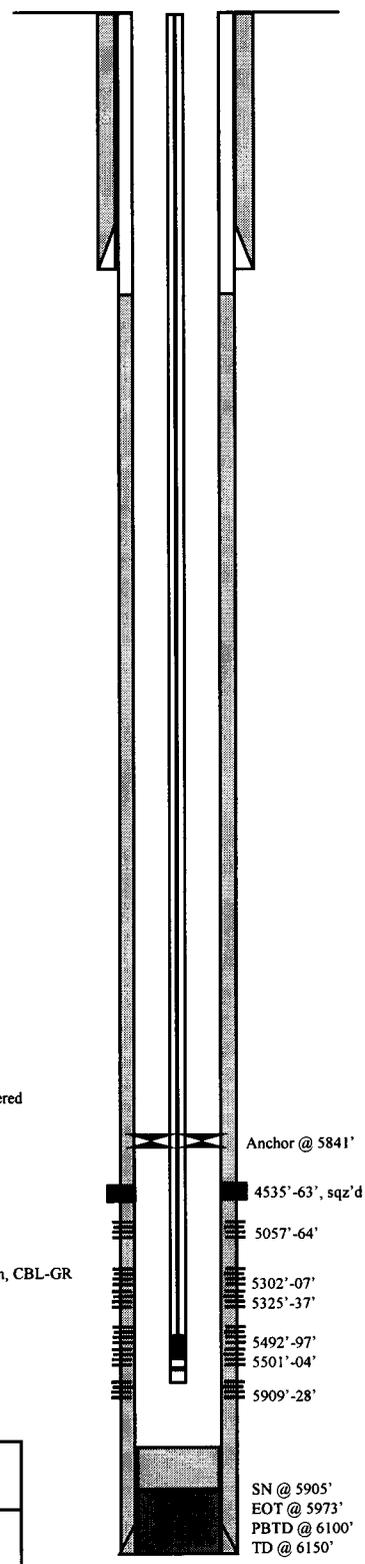
1/8/97 5302'-5337' **Frac B-1 sand as follows:**
 79,800# of 20/40 sand in 459 bbls of Borgel. Breakdown @ 3745 psi. Treated @ avg rate of 20.1 bpm w/avg press of 2200 psi. ISIP-2295, 5-min 2105 psi. Flowback on 12/64" ck for 2 hours and died.

1/9/97 5057'-5064' **Frac D-2 sand as follows:**
 80,400# of 20/40 sand in 475 bbls of Borgel. Treated @ avg rate of 20.5 bpm w/avg press of 1800 psi. Breakdown @ 2535 psi. ISIP: 2365 psi, 5-min 2322 psi. Flowback on 12/64" ck for 3 hours and died.

6/22/97 4535'-4563' **Frac GB sand as follows:**
 192,340# of 20/40 sand in 480 bbls of Borgel. Treated @ avg rate of 26.2 bpm w/avg press of 2300 psi. Breakdown @ 2785 psi. ISIP: 3309 psi, 5-min 2425 psi. Flowback on 12/64" ck for 4 hours and died.

PERFORATION RECORD

12/30/96	5909'-5928'	4 JSPF	76 holes
1/3/97	5492'-5497'	4 JSPF	20 holes
1/3/97	5501'-5504'	4 JSPF	16 holes
1/6/97	5302'-5307'	4 JSPF	20 holes
1/6/97	5325'-5337'	4 JSPF	48 holes
1/9/97	5057'-5064'	4 JSPF	28 holes
6/20/97	4550'-4563'	4 JSPF	52 holes
6/20/97	4535'-4541'	4 JSPF	24 holes





Inland Resources Inc.

Tar Sands Federal #11-30

1935 FWL 2015 FSL
 NESW Section 30-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31732; Lease #U-74869

Tar Sands Federal #5-30

Spud Date: 8/5/96
 Put on Production: 9/19/96
 GL: 5420' KB: 5433'

Initial Production: 69 BOPD,
 102 MCFPD, 3 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (294.78')
 DEPTH LANDED: 292.18'(GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 7 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 146 jts. (6269.79')
 DEPTH LANDED: 6261.79'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 370 sk Hyfill mixed & 360 sxs thixotropic
 CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/LS tbg.
 NO. OF JOINTS: 199 jts.
 TUBING ANCHOR: 5099'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5540'
 SN LANDED AT: 5415'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 4- 1" scraped, 112-3/4" plain rods, 96-3/4" scraped
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2 x 1-1/2 x 15" RHAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 7 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

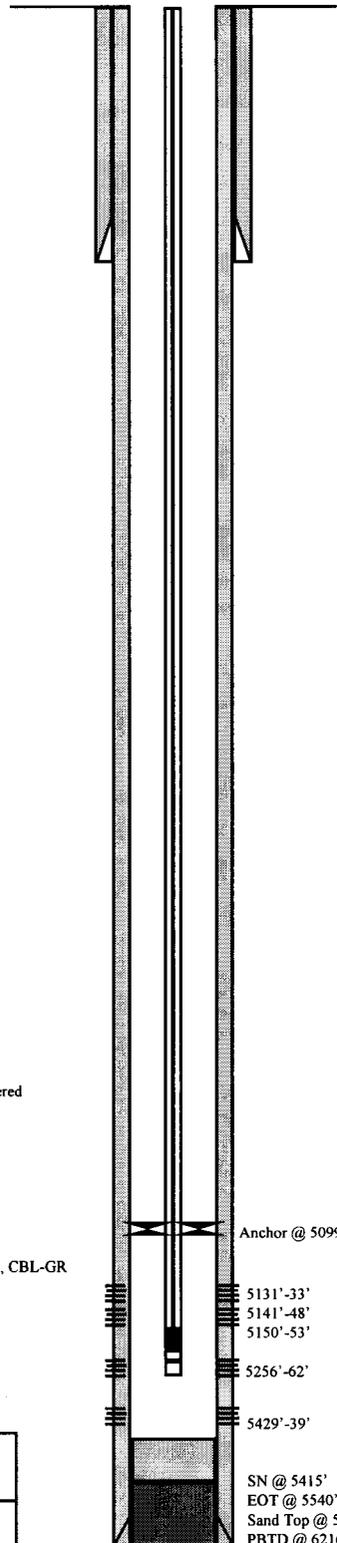
9/11/96 5429'-5439' **Frac B-1 sand as follows:**
 71,700# of 20/40 sand in 442 bbls of Boragel. Breakdown @ 2111 psi. Treated @ avg rate of 20.2 bpm w/avg press of 1500 psi. ISIP-2297 psi, 5-min 2000psi. Flowback on 12/64" ck for 3 hrs and died.

9/13/96 5256'-5262' **Frac D-3 sand as follows:**
 71,700# of 20/40 sand in 442 bbls of Boragel. Breakdown @ 2111 psi. Treated @ avg rate of 20.2 bpm w/avg press of 1500 psi. ISIP-2297 psi, 5-min 2000 psi. Flowback on 12/64" ck. for 2 hrs and died.

9/16/96 5131'-5153' **Frac D-1 sand as follows:**
 63,400# of 20/40 sand in 377 bbls o Boragel. Breakdown @ 780 psi. Treated @ avg rate of 18.3 bpm w/ avg press of 1650 psi. ISIP-2399 psi, 5-min 2390 psi. Flowback on 12/64" ck for 3 hrs and died.

PERFORATION RECORD

9/10/96	5429'-5439'	4 JSPF	40 holes
9/12/96	5256'-5262'	4 JSPF	24 holes
9/14/96	5131'-5133'	4 JSPF	8 holes
9/14/96	5141'-5148'	4 JSPF	28 holes
9/14/96	5150'-5153'	4 JSPF	12 holes





Inland Resources Inc.

Tar Sands Federal #5-30

631.4 FWL 1884.4 FNL

SWNW Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31620; Lease #U-74869

Tar Sands Federal #6-30

Spud Date: 12/7/96
Plugged: 12/12/96
GL: 5373' KB: 5386'

Initial Production: NONE

Plugging Diagram

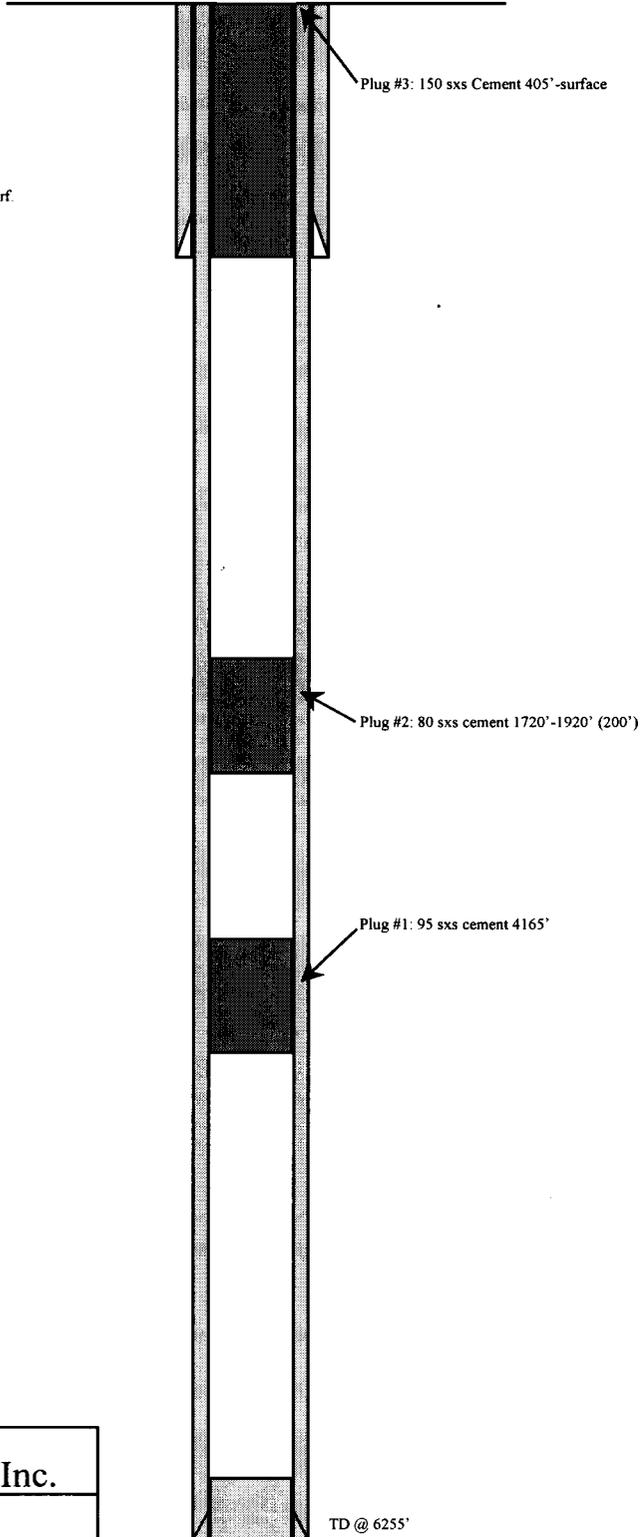
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 293.94' GL
DEPTH LANDED: 293'
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

TUBING

SUCKER RODS



	Inland Resources Inc.
	Tar Sands Federal #6-30
	1802 FWL 1871 FNL
	SENW Section 30-T8S-R17E
	Duchesne Co, Utah
API #43-013-31712; Lease #U-74869	

Tar Sands Federal #7-30

Spud Date: 6/4/97
 Put on Production: 6/27/97
 GL: 5362' KB: 5375'

Initial Production: 63 BOPD,
 94 MCFPD, 2 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (303.77')
 DEPTH LANDED: 302.61' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 149 jts. (6210.27')
 DEPTH LANDED: 6204.90'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 390 sk HiBond mixed & 335 sxs thixotropic
 CEMENT TOP AT: 606' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 198 jts
 TUBING ANCHOR: 5958'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 6120'
 SN LANDED AT: 6053'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-1" scraped, 5-7/8" plain rods, 132-3/4" plain rods, 100-3/4" scraped
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC
 STROKE LENGTH: 72"
 PUMP SPEED, SPM: 7 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

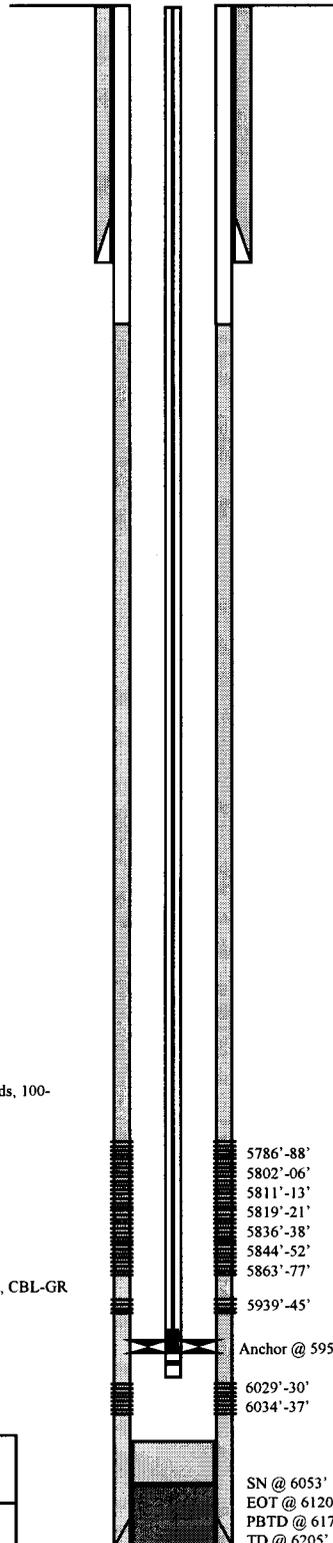
FRAC JOB

6/21/97 5939'-6037' **Frac LODC & CP-1 sand as follows:**
 54,450# of 20/40 sand in 364 bbls of Boragel. Broke down @ 2580 psi. Treated @ avg rate of 26.1 bpm w/avg press of 2480 psi. ISIP-2390 psi, 5-min 1802 psi, 10-min 1751 psi, 15-min 1711 psi. Flowback on 12/64" ck for 3 hours and died.

6/24/96 5786'-5877' **Frac LODC sand as follows:**
 139,000# of 20/40 sand in 608 bbls of Boragel. Perfs broke down @ 2380 psi. Treated @ avg rate of 35.3 bpm w/avg press of 1550 psi. ISIP-1983 psi, 5-min 1789 psi. Flowback on 12/64" ck for 4 hours and died.

PERFORATION RECORD

6/20/97	5939'-5945'	4 JSPF	24 holes
6/20/97	6029'-6030'	4 JSPF	1 holes
6/20/97	6034'-6037'	4 JSPF	12 holes
6/23/97	5786'-5788'	4 JSPF	8 holes
6/23/97	5802'-5806'	4 JSPF	16 holes
6/23/97	5811'-5813'	4 JSPF	8 holes
6/23/97	5819'-5821'	4 JSPF	8 holes
6/23/97	5836'-5838'	4 JSPF	8 holes
6/23/97	5844'-5852'	2 JSPF	16 holes
6/23/97	5863'-5877'	2 JSPF	28 holes





Inland Resources Inc.

Tar Sands Federal #7-30

1980 FNL 1980 FEL

SWNE Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31807; Lease #U-74869

Tar Sands Federal #9-30

Spud Date: 7/30/97
 Put on Production: 9/13/97
 GL: 5292' KB: 5305'

Initial Production: NA
 BOPD, NA MCFPD, NA

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (294.49')
 DEPTH LANDED: 292.73' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 6 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 150 jts. (6109.33')
 DEPTH LANDED: 6104' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 515 sxs Hibond mixed & 425 sxs thixotropic
 CEMENT TOP AT: ' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#
 NO. OF JOINTS: 182 jts
 TUBING ANCHOR: 5621'
 SEATING NIPPLE: 2 - 7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5813')
 SN LANDED AT: 5747'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 97-3/4" scraped, 4-1-1/2" guided rods, 124-3/4" slick rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2" RHAC rod pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 10 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

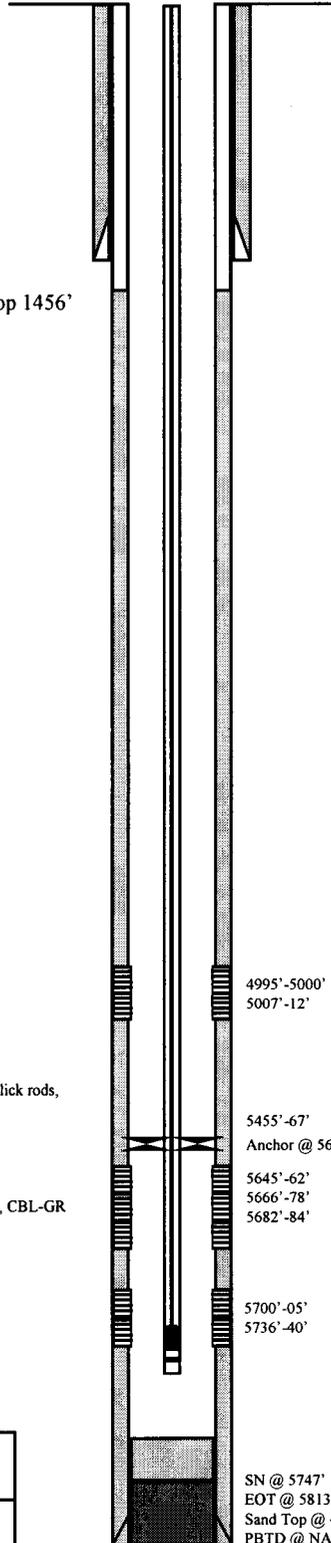
FRAC JOB

9/4/97 5645'-5740' **Frac LDC sand as follows:**
 118,600# of 20/40 sand in 616 bbls of Boragel. Breakdown @ 3042psi. Treated @ avg rate of 38.5 bpm w/avg press of 1500 psi. ISIP-1708 psi, 5-min 1616 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.

9/6/97 5455'-5467' **Frac A sand as follows:**
 95,400# of 20/40 sand in 507 bbls of Boragel. Breakdown @ 33818psi. Treated @ avg rate of 24 bpm w/avg press of 2000 psi. ISIP-2062 psi, 5-min 1938 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

9/9/97 4995'-5012' **Frac D sand as follows:**
 83,900# of 20/40 sand in 441 bbls of Boragel. Breakdown @ 1674psi. Treated @ avg rate of 24.4 bpm w/avg press of 1500 psi. ISIP-2264 psi, 5-min 2208 psi. Flowback on 12/64" ck for 3 hours and died.

Cement Top 1456'



PERFORATION RECORD

Date	Interval	Number of Holes	Completion Type	Notes
9/4/97	5736'-5740'	4	JSPF	NA holes
9/4/97	5700'-5705'	4	JSPF	NA holes
9/4/97	5686'-5692'	4	JSPF	NA holes
9/4/97	5682'-5684'	4	JSPF	NA holes
9/4/97	5666'-5678'	4	JSPF	NA holes
9/4/97	5645'-5662'	4	JSPF	NA holes
9/6/97	5455'-5467'	4	JSPF	NA holes
9/9/97	5007'-5012'	4	JSPF	NA holes
9/9/97	4995'-5000'	4	JSPF	NA holes



Inland Resources Inc.

Tar Sands Federal #9-30

1985 FSL 702 FEL
 NENE Section 30-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31873; Lease #U-74869

SN @ 5747'
 EOT @ 5813'
 Sand Top @ 4995'
 PBTD @ NA
 TD @ 6125'

Tar Sands Federal #10-30

Spud Date: 5/15/97
 Put on Production: 6/25/97
 GL: 5280' KB:5292'

Initial Production: 57 BOPD,
 228 MCFPD, 4 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.85')
 DEPTH LANDED: 299.60' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6083.48')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 405 sxs Hibond mixed & 375 sxs thixotropic
 CEMENT TOP AT: 1272 per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 185 jts
 TUBING ANCHOR: 5786'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5979')
 SN LANDED AT: 5912'

SUCKER RODS

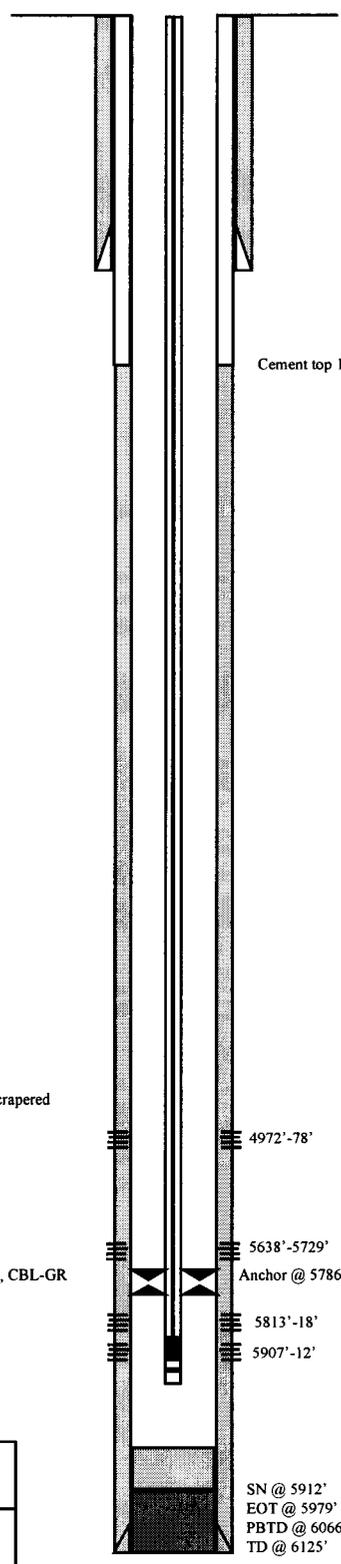
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4 - 1" scraped, 126 - 3/4" plain rods, 100 - 3/4" scraped
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH: 72"
 PUMP SPEED, SPM: 8.5 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

6/13/97 5813'-5912' **Frac LoLDC/CP sand as follows:**
 82,900# of 20/40 sand in 381 bbls of Boragel. Breakdown @ 2563 psi. Treated @ avg rate 30 bpm w/avg press of 2600 psi. ISIP-3429 psi. 5-min 2900 psi. Flowback after 5 min on 12/64" ck. Flowed for 1 hr & died.

6/18/97 5638'-5729' **Frac LDC sand as follows:**
 158,500# 20/40 sand in 670 bbls of Boragel. Breakdown @ 1993 psi, treated @ avg rate 32 bpm w/avg press of 1500 psi. ISIP 1899 psi, 5-min 1809 psi. Start flowback on 12/64" ck after 5 min. Flowed for 4 hrs and died.

6/20/97 4972'-4978' **Frac D sand as follows:**
 42,000# of 20/40 sand in 351 bbls of Boragel. Breakdown @ 2490 psi. Treated @ avg rate 26 bpm w/avg press of 2550 psi. ISIP-2577 psi. 5-min 1895 psi. Flowback after 5 min on 12/64" ck. Flowed for 2-1/2 hrs & died.



PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
6/19/97	4972'-4978'	4 JSPF	24 holes
6/17/97	5726'-5729'	4 JSPF	12 holes
6/17/97	5998'-5709'	4 JSPF	44 holes
6/17/97	5685'-5691'	4 JSPF	24 holes
6/17/97	5673'-5682'	4 JSPF	36 holes
6/17/97	5659'-5668'	4 JSPF	36 holes
6/17/97	5653'-5656'	4 JSPF	12 holes
6/17/97	5638'-5640'	4 JSPF	28 holes
6/12/97	5907'-5912'	4 JSPF	20 holes
6/12/97	5813'-5818'	4 JSPF	20 holes

SN @ 5912'
 EOT @ 5979'
 PBSD @ 6066'
 TD @ 6125'

Inland Resources Inc.

Tar Sands Federal #10-30

1980 FSL 1980 FEL

NWSE Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31808; Lease #U-74869

Tar Sands Federal #12-30

Spud Date: 7/20/96
 Put on Production: 9/6/96
 GL: 5315' KB: 5328'

Initial Production: 135 BOPD,
 362 MCFPD, 4 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (289.88')
 DEPTH LANDED: 288.28'(GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6209.12')
 DEPTH LANDED: 6203.12'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 270 sk Hyfill mixed & 330 sxs thixotropic
 CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/LS tbg.
 NO. OF JOINTS: 198 jts.
 TUBING ANCHOR: 5868'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 6056'
 SN LANDED AT: 5901'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 8- 1" scraped, 127-3/4" plain rods, 96-3/4" scraped
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2 x 1-1/2 x 15" RHAC pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 7 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

8/26/96 5903'-5968' **Frac CP-1 & CP-2 sands as follows:**
 111,200# of 20/40 sand in 582 bbls of Boragel. Breakdown @ 2483 psi. Treated @ avg rate of 24 bpm w/avg press of 2000psi. ISIP: 2200 psi, 5-min 2049 psi. Flowback on 12/64" ck for 4-1/2 hrs and died.

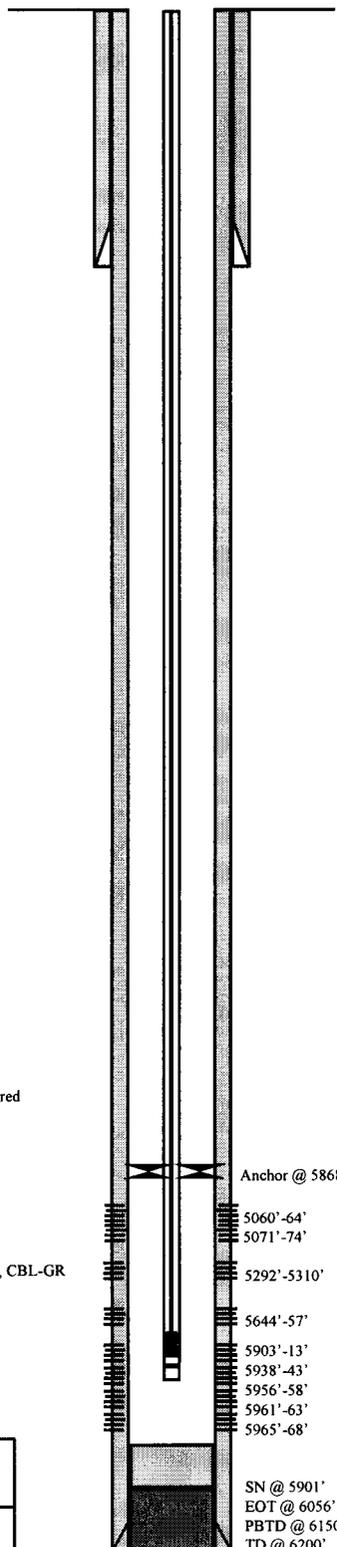
8/28/96 5644'-5657' **Frac LDC sand as follows:**
 105,600# of 20/40 sand in 551 bbls of Boragel. Breakdown @ 1936 psi. Treated @ avg rate of 20.5 bpm w/avg press of 2250 psi. ISIP-3018 psi, 5-min 2718 psi. Flowback on 12/64" ck for 4 hrs and died..

8/30/96 5292'-5310' **Frac B-1 sand as follows:**
 115,000# of 20/40 sand in 572 bbls of Boragel. Breakdown @ 2508 psi. Treated @ avg rate of 20 bpm w/avg press of 1700 psi. ISIP-2107 psi, 5-min 2078 psi. Flowback on 12/64" ck for 3 hrs and died.

9/3/96 5060'-5074' **Frac D-2 sand as follows:**
 100,500# of 20/40 sand in 545 bbls of Boragel. Breakdown @ 1752 psi. Treated @ avg rate of 20.4 bpm w/avg press of 1750 psi. ISIP-2727 psi, 5-min 1908 psi. Flowback on 12/64" ck for 3 hrs and died.

PERFORATION RECORD

8/24/96	5903'-5913'	4 JSPF	40 holes
8/24/96	5938'-5943'	4 JSPF	20 holes
8/24/96	5956'-5958'	4 JSPF	8 holes
8/24/96	5961'-5963'	4 JSPF	8 holes
8/24/96	5965'-5968'	4 JSPF	12 holes
8/27/96	5644'-5657'	4 JSPF	48 holes
8/29/96	5292'-5310'	4 JSPF	68 holes
8/31/96	5060'-5064'	4 JSPF	16 holes
8/24/96	5071'-5074'	4 JSPF	12 holes



SN @ 5901'
 EOT @ 6056'
 PBTB @ 6150'
 TD @ 6200'



Inland Resources Inc.

Tar Sands Federal #12-30

660 FWL 1980 FSL
 NWSW Section 30-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31543; Lease #U-74869

Tar Sands Federal #13-30

Spud Date: 6/29/96
Put on Production: 7/30/96
GL: 5282' KB: 5295'

Initial Production: 32 BOPD,
68 MCFPD, 2 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290.48')
DEPTH LANDED: 289.38'(GL)
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6146.77')
DEPTH LANDED: 6140.77'
HOLE SIZE: 7-7/8"
CEMENT DATA: 320 sk Hybond mixed & 340 sxs thixotropic
CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/LS tbg.
NO. OF JOINTS: 202 jts.
TUBING ANCHOR: 5706'
SEATING NIPPLE: 2-7/8" (1.10')
TOTAL STRING LENGTH: EOT @ 5809'
SN LANDED AT: 5739'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
SUCKER RODS: 4- 1" scraped, 123-3/4" plain rods, 98-3/4" scraped
TOTAL ROD STRING LENGTH: ?
PUMP NUMBER: ?
PUMP SIZE: 1-1/2" pump
STROKE LENGTH: 74"
PUMP SPEED, SPM: 9 SPM
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

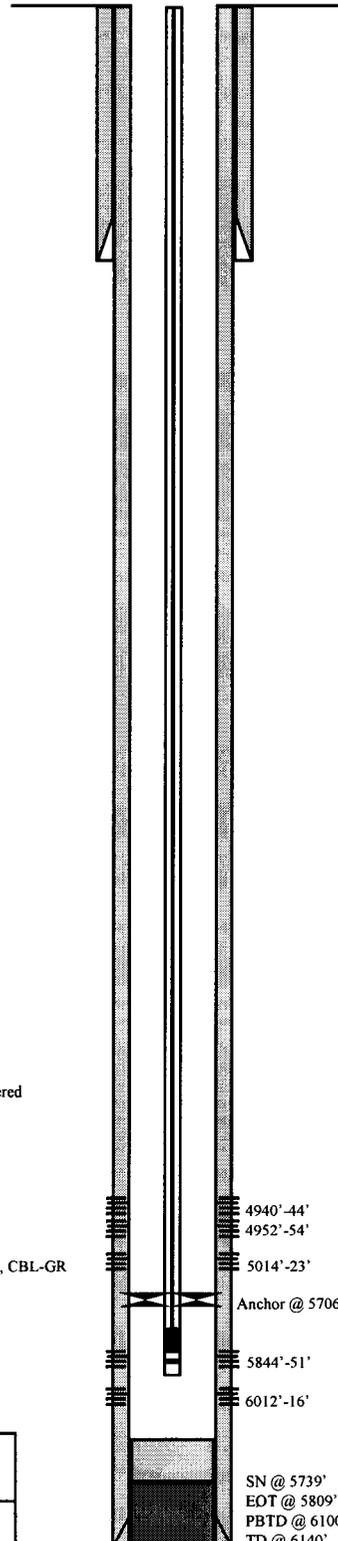
FRAC JOB

7/17/96 5844'-6016' **Frac CP-1 and CP-4 sands as follows:**
83,900# of 20/40 sand in 486 bbls of Boragel. Breakdown @ 2763 psi, treated @ avg rate of 28 bpm w/ avg press of 2000psi. ISIP-2497 psi, 5-min 2170 psi. Flowback on 16/64" ck for 2-1/2 hrs & died.

7/20/96 4940'-5023' **Frac D-1 and D-2 sand as follows:**
87,100# of 20/40 sd in 470 bbls of Boragel. Breakdown @ 2640 psi. Treated @ avg rate of 26.4 bpm w/avg press of 2400 psi. ISIP-2938 psi, 5-min 2881 psi. Flowback on 16/64" ck for 2-1/2 hrs and died.

PERFORATION RECORD

7/17/96	5844'-5457'	4 JSPF	28 holes
7/17/96	6012'-6016'	4 JSPF	16 holes
7/18/96	4940'-4944'	4 JSPF	16 holes
7/18/96	4952'-4954'	4 JSPF	8 holes
7/18/96	5014'-5023'	4 JSPF	36 holes



Inland Resources Inc.

Tar Sands Federal #13-30

602.6 FSL 698.9 FWL

SWSW Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31637; Lease #U-74869

Tar Sands Federal #14-30

Spud Date: 12/13/96
 Put on Production: --/--/--
 GL: 5300' KB: 5313'

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (293.58')
 DEPTH LANDED: 292.78' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 2 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (?)
 DEPTH LANDED: 6100'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 340 sk Hibond mixed & 320 sxs thixotropic
 CEMENT TOP AT: 902' per CBL

TUBING

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

SUCKER RODS

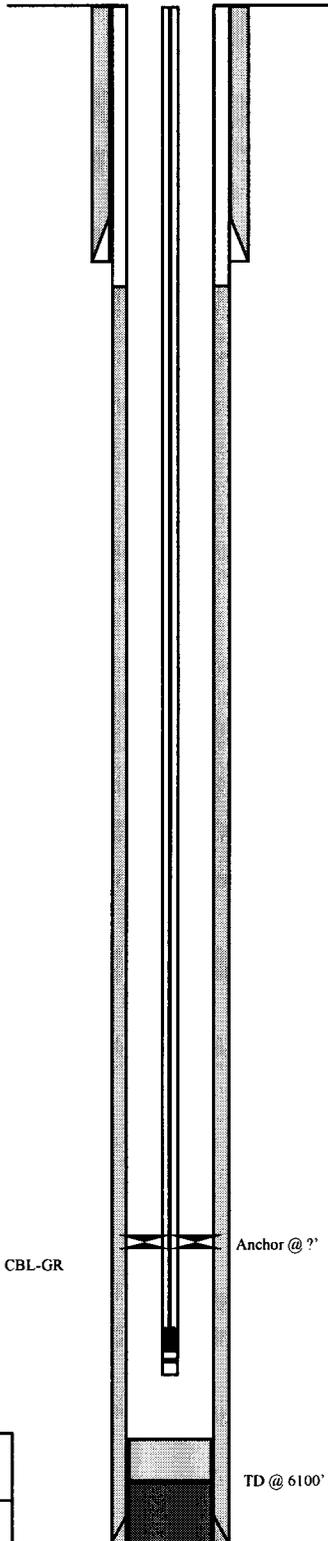
POLISHED ROD:
 SUCKER RODS:
 TOTAL ROD STRING LENGTH:
 PUMP NUMBER:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

Waiting on Completion 1/8/97

PERFORATION RECORD

Waiting On Completion



	Inland Resources Inc.
	Tar Sands Federal #14-30
	755 FSL 1930 FWL
	NENW Section 30-T8S-R17E
	Duchesne Co, Utah
API #43-013-31711; Lease #U-74869	

Tar Sands Federal #15-30

Spud Date: 7/11/97
 Put on Production: 8/20/97
 GL: 5284' KB: 5296'

Initial Production: 82 BOPD,
 84 MCFPD, 14 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (285.29')
 DEPTH LANDED: 283.60' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 143 jts. (6016.44')
 DEPTH LANDED: 6032.80' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 445 sxs Hibond mixed & 360 sxs thixotropic
 CEMENT TOP AT: 1000' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#
 NO. OF JOINTS: 189 jts
 TUBING ANCHOR: 5759'
 SEATING NIPPLE: 5-1/2" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5913')
 SN LANDED AT: 5821'

SUCKER RODS

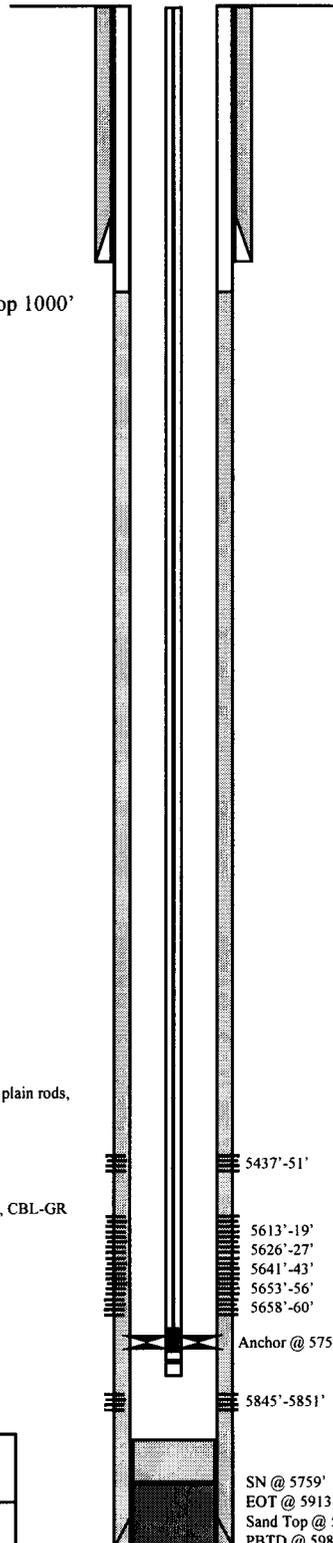
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 98-3/4" scraped, 4 - 1-1/2" guided rods, 121-3/4" plain rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 8 - 1/2 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

8/14/97 5613'-5851' **Frac LDC/CP sand as follows:**
 135,900# of 20/40 sand in 644 bbls of Boragel. Breakdown @ 2526 psi.
 Treated @ avg rate of 36.3 bpm w/avg press of 1900 psi. ISIP-2101 psi, 5-min 1946 psi. Flowback on 12/64" ck for 5 - 1/2 hours and died.

8/16/97 5437'-5451' **Frac A sands as follows:**
 106,600# of 20/40 sand in 556 bbls of # Boragel. Breakdown @ 3278 psi.
 Treated @ avg rate of 25.3 bpm w/avg press of 2012 psi. ISIP-2501 psi, 5-min 2411 psi. Flowback on 12/64" ck for 3 - 1/2 hours and died.

Cement Top 1000'



PERFORATION RECORD

8/14/97	5845'-5851'	4 JSPF	24 holes
8/14/97	5658'-5660'	4 JSPF	8 holes
8/14/97	5653'-5656'	4 JSPF	12 holes
8/14/97	5641'-5643'	4 JSPF	8 holes
8/14/97	5626'-5627'	4 JSPF	4 holes
8/14/97	5613'-5619'	4 JSPF	24 holes
8/16/97	5437'-5451'	4 JSPF	56 holes

SN @ 5759'
 EOT @ 5913'
 Sand Top @ 5437'
 PBTB @ 5982'
 TD @ 6028'



Inland Resources Inc.

Tar Sands Federal #15-30

1980 FEL 660 FSL
 NENE Section 2-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31874; Lease #U-74869

Monument Butte Federal #9-25

Spud Date: 4/28/96
 Put on Production: 5/18/96
 GL: 5327' KB: 5340'

Initial Production: 95 BOPD,
 33 MCFPD, 1 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 291.67'
 DEPTH LANDED: 290'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts (6124.47')
 DEPTH LANDED: 6090'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 280 sxs Hyfill mixed & 360 sxs thixotropic
 CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 176 jts
 TUBING ANCHOR: 4972'
 TOTAL STRING LENGTH: ? (EOT @ 5383')
 SN LANDED AT: 5289'

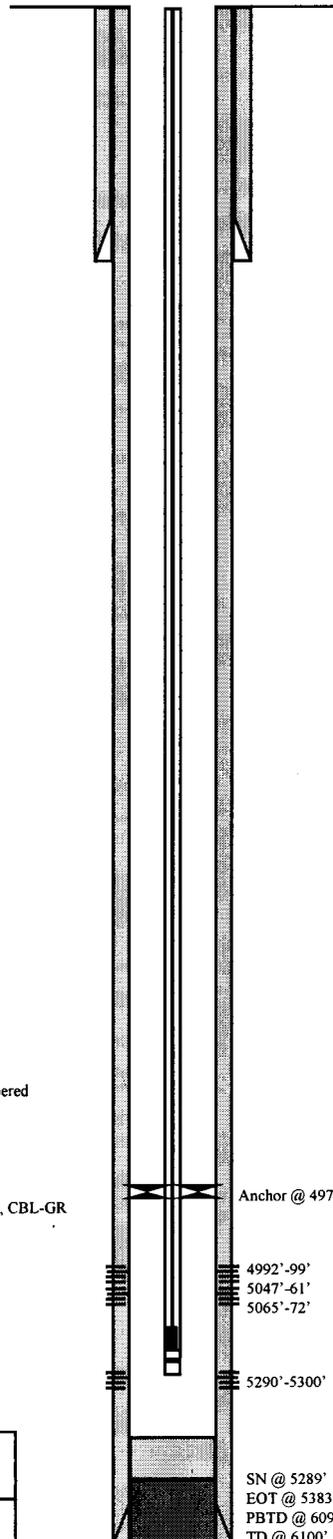
SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-3/4" scraped, 106-3/4" slick rods, 97-3/4" scraped
 PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15' RHAC
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 6 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

5/14/96 5290'-5300' **Frac B-1 sand as follows:**
 60,100 20/40 sd in 412 bbls Boragel
 frmtn Brokedown @ 2876#, avg TP
 2250 @ 18.5 bpm. ISIP-2312 psi, 5-min
 2176 psi. Flow well back on 16/64" ck @
 1.5 bpm.

5/16/96 4992'-5072' **Frac D-1 & D-2 zone as follows:**
 78,500# of 20/40 sd in 477 bbls Boragel.
 Breakdown @ 2005# treated w/avg rate
 of 18.7 bpm @ 1800 psi. ISIP-2234 psi,
 5-min SI 2124 psi. Start flowback on
 16/64" ck @ 1.8 bpm.



PERFORATION RECORD

5/13/96	5290'-5300'	4 JSPF	40 holes
5/15/96	4992'-4999'	4 JSPF	28 holes
5/15/96	5047'-5061'	4 JSPF	52 holes
5/15/96	5065'-5072'	4 JSPF	28 holes



Inland Resources Inc.

Monument Butte Federal #9-25

1913 FSL 624 FEL

NESE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31600; Lease #U-67170

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5068
Fax (801) 722-5727

WATER ANALYSIS REPORT

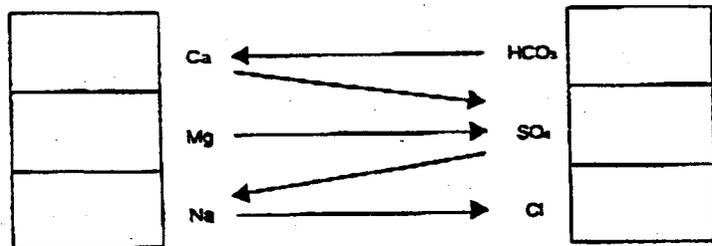
Company INLAND Address _____ Date 01-14-98
Source Johnson Water FRESH WATER Date Sampled _____ Analysis No. _____

	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)		CO ₃ <u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ <u>300</u>	+ 61 <u>5</u> HCO ₃
7. Hydroxyl (OH)		OH <u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>35</u>	+ 35.5 <u>1</u> Cl
9. Sulfates (SO ₄)		SO ₄ <u>110</u>	+ 48 <u>2</u> SO ₄
10. Calcium (Ca)		Ca <u>44</u>	+ 20 <u>2</u> Ca
11. Magnesium (Mg)		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	Eqv. 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	58.48	<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 _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

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

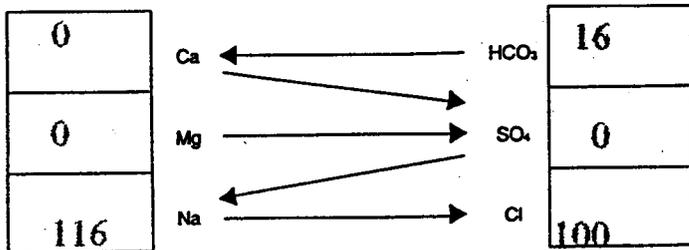
WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-27-98
Source TSF 11-30 Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>9.0</u>		
2. H ₂ S (Qualitative)	<u>15</u>		
3. Specific Gravity	<u>1.006</u>		
4. Dissolved Solids		<u>7.190</u>	
5. Alkalinity (CaCO ₃)		<u>0</u>	+ 30 <u>0</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>3,500</u>	+ 35.5 <u>100</u> Cl
9. Sulfates (SO ₄)		<u>0</u>	+ 48 <u>0</u> SO ₄
10. Calcium (Ca)		<u>5</u>	+ 20 <u>0</u> Ca
11. Magnesium (Mg)		<u>2</u>	+ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>25</u>	
13. Total Iron (Fe)		<u>0.9</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/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>16</u>		<u>1,344</u>
Na ₂ SO ₄	71.03				
NaCl	58.46		<u>100</u>		<u>5,846</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 _____

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
 LOCATION:
 SYSTEM:

03-06-98

WATER DESCRIPTION:	JOHNSON WATER	TSF 11-30
P-ALK AS PPM CaCO3	0	0
M-ALK AS PPM CaCO3	492	1607
SULFATE AS PPM SO4	110	0
CHLORIDE AS PPM Cl	35	3500
HARDNESS AS PPM CaCO3	0	0
CALCIUM AS PPM CaCO3	110	13
MAGNESIUM AS PPM CaCO3	90	8
SODIUM AS PPM Na	92	2668
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	7190
TEMP (DEG-F)	150	150
SYSTEM pH	7	9

WATER COMPATIBILITY CALCULATIONS
 JOHNSON WATER AND TSF 11-30
 CONDITIONS: TEMP.=150 AND pH=8
 WATER ONE IS JOHNSON WATER

% OF WATER # 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.33	36	0	0	0
90	1.35	33	0	0	0
80	1.36	30	0	0	0
70	1.35	26	0	0	0
60	1.33	23	0	0	0
50	1.29	20	0	0	0
40	1.24	17	0	0	0
30	1.16	13	0	0	0
20	1.07	10	0	0	0
10	.92	6	0	0	0
0	.69	3	0	0	0

Attachment G

**Tar Sands Federal #11-30
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5909	5928	5919	1924	0.76	1919 ←
5492	5504	5498	2497	0.89	2498
5302	5337	5320	2295	0.86	2252
5057	5064	5061	2365	0.90	2351
				Minimum	<u>1919</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 Federal 11-30 **Report Date** 1/3/97 **Completion Day** 3
Present Operation Perforate "A" sd **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 306 KB **Liner** _____ **Prod Csg** 5-1/2 @ 6148 **Csg PBTB** 6100
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** M-50 **Pkr/EOT @** _____ **BP/Sand PBTB:** _____

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<u>CP</u>	<u>5909-28'</u>	<u>4/76</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/2/97 **SITP:** 75 **SICP** 200

Bleed gas off well. RU swb. IFL @ 2000', made 3 runs, rec 51 BTF (est 46 BO, 5 BW), FFL @ 3500'. FOC 90%. TOH w/tbg. RU Halliburton & frac "CP" sd w/79,700# of 20/40 sd in 498 bbls of Boragel. Break dn @ 2842 psi. Treated @ ave rate of 25.2 bpm w/ave press of 1450 psi. ISIP: 1924 psi, 5 min: 1761 psi. Flowback on 12/64" ck for 3 hrs & died. Rec 113 BTF. SIFN. Est 385 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered <u>498</u>	Starting oil rec to date <u>0</u>
Fluid lost/recovered today <u>113</u>	Oil lost/recovered today <u>0</u>
Ending fluid to be recovered <u>385</u>	Cum oil recovered <u>0</u>
IFL _____ FFL _____ FTP _____	Choke _____ Final Fluid Rate _____ Final oil cut _____

STIMULATION DETAIL

COSTS

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure: _____
3000 gal pad
1000 gal w/1-5 PPG of 20/40 sd
9000 gal w/5-8 PPG of 20/40 sd
2091 gal w/8-10 PPG of 20/40 sd
Flush w/5812 gal of 10# linear gel

<u>Basin-rig</u>	<u>867</u>
<u>Tanks</u>	<u>120</u>
<u>BOP</u>	<u>145</u>
<u>HO trk</u>	<u>822</u>
<u>Frac</u>	<u>17,866</u>
<u>Flowback-super</u>	<u>100</u>
<u>IPC-supervision</u>	<u>200</u>

Max TP 2840 **Max Rate** 26 **Total fluid pmpd:** 498 bbls
Avg TP 1450 **Avg Rate** 25.2 **Total Prop pmpd:** 79,700#
ISIP 1924 **5 min** 1761 **10 min** _____ **15 min** _____
Completion Supervisor: Brad Mecham

DAILY COST: \$20,120
TOTAL WELL COST: \$198,249



DAILY COMPLETION REPORT

WELL NAME Tar Sands Federal 11-30 **Report Date** 1/5/97 **Completion Day** 5
Present Operation Perforate **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 306 KB **Liner** _____ **Prod Csg** 5-1/2 @ 6148 **Csg PBD** 6100
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** M-50 **Pkr/EOT @** 5593 **BP/Sand PBD:** 5610

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
CP	5909-28'	4/76			
A	5492-97'	4/20			
A	5501-04'	4/16			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/4/97 **SITP:** 0 **SICP** 25

Bleed press off well. RU swb. IFL @ 4800', made 2 runs, rec 14 BTF, FFL @ 5400'. TOH w/tbg. RU Halliburton & frac "A" sd w/64,800# of 20/40 sd in 432 bbls of Boragel. Break dn @ 3318 psi. Treated @ ave rate of 22.1 bpm w/ave press of 2180 psi. ISIP: 2497 psi, 5 min: 2330 psi. Flowback on 12/64" ck for 2 hrs & died. Rec 81 BTF. SIFN. Est 605 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered 268 **Starting oil rec to date** 5
Fluid lost/recovered today 337 **Oil lost/recovered today** 0
Ending fluid to be recovered 605 **Cum oil recovered** 5
IFL _____ **FFL** _____ **FTP** _____ **Choke** _____ **Final Fluid Rate** _____ **Final oil cut** _____

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure: 2500 gal pad
1000 gal w/1-5 PPG of 20/40 sd
8000 gal w/5-8 PPG of 20/40 sd
1215 gal w/8-10 PPG of 20/40 sd
Flush w/5438 gal of 10# linear gel

COSTS

Basin-rig 1,165
BOP 145
Tanks 60
Wtr 700
HO trk 688
Frac 16,427
Flowback-super 100
IPC-supervision 200

Max TP 3318 **Max Rate** 23.5 **Total fluid pmpd:** 432 bbls
Avg TP 2180 **Avg Rate** 22.1 **Total Prop pmpd:** 64,800#
ISIP 2497 **5 min** 2330 **10 min** FB 1807 **15 min** PB 1714
Completion Supervisor: Brad Mecham

DAILY COST: \$19,485
TOTAL WELL COST: \$221,778



DAILY COMPLETION REPORT

WELL NAME Tar Sands Federal 11-30 **Report Date** 1/8/97 **Completion Day** 7
Present Operation Perforate **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 306 KB **Liner** **@** **Prod Csg** 5-1/2 @ 6148 **Csg PBD** 6100
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** M-50 **Pkr/EOT @** **BP/Sand PBD:** 5610/5430

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
CP	5909-28'	4/76	B	5325-37'	4/48
A	5492-97'	4/20			
A	5501-04'	4/16			
B	5302-07'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/7/97 **SITP:** **SICP:**

TIH w/tbg to 5410'. RU swb. IFL @ 4700', made 2 runs, rec 12 BTF w/tr of oil, FFL @ 5200'. TOH w/tbg. RU Halliburton & frac "B" sd w/79,800# of 20/40 sd in 459 bbls of Boragel. Break dn @ 3745 psi. Treated @ ave rate of 20.1 bpm w/ave press of 2200 psi. ISIP: 2295 psi, 5 min: 2105 psi. Flowback on 12/64" ck for 2 hrs & died. Rec 54 BTF. SIFN. Est 884 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>491</u>	Starting oil rec to date	<u>5</u>
Fluid lost/recovered today	<u>393</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>884</u>	Cum oil recovered	<u>5</u>
IFL	<u> </u>	Choke	<u> </u>
FFL	<u> </u>	Final Fluid Rate	<u> </u>
FTP	<u> </u>	Final oil cut	<u> </u>

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure:
3000 gal pad
1000 gal w/1-5 PPG of 20/40 sd
9000 gal w/5-8 PPG of 20/40 sd
1072 gal w/8-10 PPG of 20/40 sd
Flush w/5220 gal of 10# linear gel

COSTS

Basin-rig	<u>1,237</u>
Flowback-super	<u>100</u>
BOP	<u>145</u>
Tanks	<u>60</u>
HO trk	<u>850</u>
Wtr	<u>600</u>
Frac	<u>17,612</u>
IPC-supervision	<u>200</u>

Max TP 3745 **Max Rate** 22.5 **Total fluid pmpd:** 459 bbls
Avg TP 2200 **Avg Rate** 20.1 **Total Prop pmpd:** 79,800#
ISIP 2295 **5 min** 2105 **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$20,804
TOTAL WELL COST: \$247,241



DAILY COMPLETION REPORT

WELL NAME Tar Sands Federal 11-30 **Report Date** 1/10/97 **Completion Day** 9
Present Operation Pull RBP's **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 306 KB **Liner** _____ @ _____ **Prod Csg** 5-1/2 @ 6148 **Csg PBD** 6100
Tbg: **Size** 2-7/8 **Wt** 6.5 **Grd** M-50 **Pkr/EOT** @ _____ **BP/Sand PBD:** _____

PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
CP	5909-28'	4/76	B	5325-37'	4/48
A	5492-97'	4/20	D	5057-64'	4/28
A	5501-04'	4/16			
B	5302-07'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/9/97 **SITP:** _____ **SICP:** _____

RU swb. IFL @ 2500', made 4 runs, rec 43 BTF, FFL @ 4300'. TOH w/tbg. RU Western Atlas & PERF "D" SD @ 5057-64' W/4 JSPF. RU Halliburton & frac "D" sd w/80,400# of 20/40 sd in 475 bbls of Boragel. Treated @ ave rate of 20.5 bpm w/ave press of 1800 psi. Break dn @ 2535 psi. ISIP: 2365 psi, 5 min: 2322 psi. Flowback on 12/64" ck for 3 hrs & died. Rec 109 BTF. SIFN. Est 1147 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>824</u>	Starting oil rec to date	<u>5</u>
Fluid lost/recovered today	<u>323</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1147</u>	Cum oil recovered	<u>5</u>
IFL _____	FFL _____	FTP _____	Choke _____
		Final Fluid Rate	Final oil cut

STIMULATION DETAIL**COSTS**

Base Fluid used: Boragel **Job Type:** Sand Frac
Company: Halliburton
Procedure: _____
3000 gal pad
1000 gal w/1-5 PPG of 20/40 sd
9000 gal w/5-8 PPG of 20/40 sd
2027 gal w/8-10 PPG of 20/40 sd
Flush w/4929 gal of 10# linear gel

Basin-rig	<u>1,060</u>
BOP	<u>145</u>
Tanks	<u>60</u>
Frac	<u>17,770</u>
HO trk	<u>700</u>
Wtr	<u>800</u>
Perfs	<u>1,266</u>
IPC-supervision	<u>200</u>

Max TP	<u>2600</u>	Max Rate	<u>22</u>	Total fluid pmpd:	<u>475 bbls</u>
Avg TP	<u>1800</u>	Avg Rate	<u>20.5</u>	Total Prop pmpd:	<u>80,400#</u>
ISIP	<u>2365</u>	5 min	<u>2322</u>	10 min	<u>15 min</u>
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$22,001</u>
TOTAL WELL COST:	<u>\$271,982</u>

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 169' plug from 5809'-5978' with 30 sxs Class "G" cement.
2. **Plug #2** Set 352' plug from 5202'-5554' with 30 sxs Class "G" cement.
3. **Plug #3** Set 157' plug from 4957'-5114' 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 234'-334' (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 284' to surface.

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

Tar Sands Federal #11-30

Spud Date: 12/2/96
 Put on Injection: --/--/--
 GL: 5299' KB: 5312'

Proposed P&A Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (285.79')
 DEPTH LANDED: 284.19' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

PRODUCTION CASING

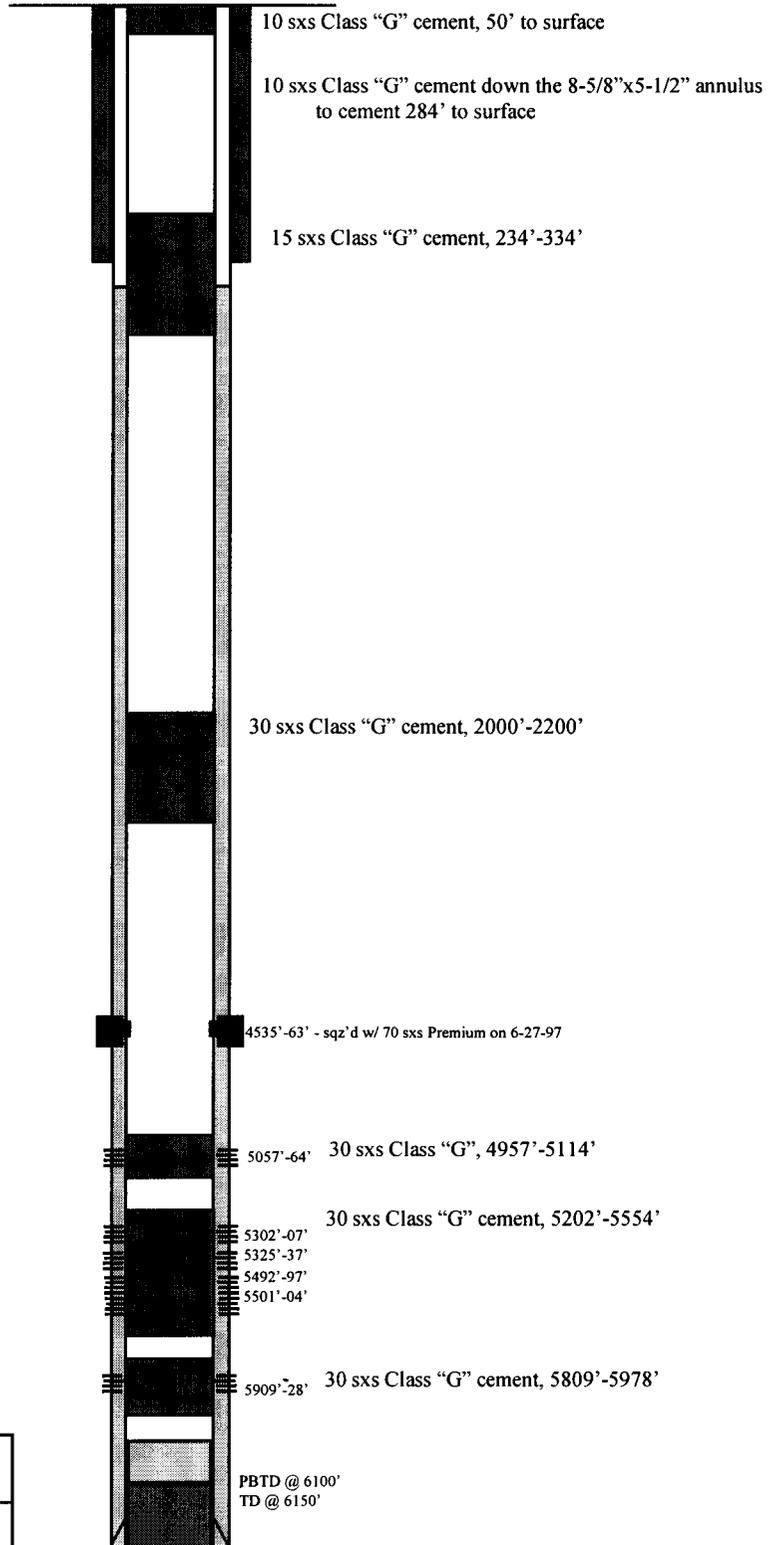
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6151')
 DEPTH LANDED: 6148'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 330 sk Hibond mixed & 320 sxs thixotropic
 CEMENT TOP AT: 278' per CBL

TUBING

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

SUCKER RODS

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





Inland Resources Inc.

Tar Sands Federal #11-30

1935 FWL 2015 FSL
 NESW Section 30-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31732; Lease #U-74869



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)

April 2, 1998

Inland Production Company
475 Seventeenth Street, Suite 1500
Denver, Colorado 80202

Re: Sand Wash Unit 3-30, 1-30, 7-30, 11-30, 9-30, 15-30, 7-31 and 3-31 Wells, Sections 30 and 31, Township 8 South, Range 17 East, Duchesne County, Utah

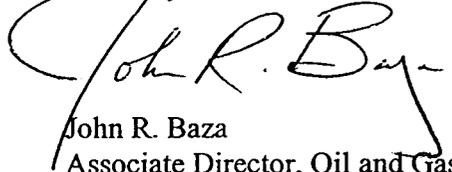
Gentlemen:

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

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

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

Sincerely,



John R. Baza
Associate Director, Oil and Gas

lwp

cc: Dan Jackson, EPA
Ed Bonner, SITLA
BLM, Vernal

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company

Well: Tar Sands Fed. 11-30

Location: 30/8S/17E

API: 43-013-31732

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

Ownership Issues: The proposed well is located on lands administered by the BLM. Surface ownership in the one-half mile radius of the well is BLM. Minerals are owned by the federal government. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent to convert the well to an injection well.

Well Integrity: The proposed well has surface casing set at 284 feet and is cemented to surface. A 5 ½ inch production casing is set at 6148 feet and has a reported cement top at 278 feet. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set approximately 50 feet above the injection zone. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells and one water injection well in the area of review. The producing wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: The base of moderately saline water is at a depth of approximately 1300 feet. Injection shall be limited to the interval between 3880 feet and 6150 feet in the Green River Formation (actual zone is 4535-5928). Information submitted by Inland indicates that the fracture gradient for the 15-30 well is .76 psig/ft. The resulting fracture pressure is 1919 psig. The requested maximum pressure was 1919 psi. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: Correlative rights and other interests have been addressed at the hearing on October 22, 1997. Previous reviews in the area indicate that all other interests have been protected.

Tar Sands 11-30
Page 2

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action was published in both the Salt Lake Tribune and the Uinta Basin Standard. Conditions of approval as set forth are: A casing tubing pressure test be run prior to injection, maximum surface pressure limited to 1919 psi., rate will be limited by pressure and Inland will adhere to all operational procedures as written in their application for approval to convert the well to a class II injection well.

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: 3/19/98



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)

43-013-31732

April 2, 1998

Inland Production Company
475 Seventeenth Street, Suite 1500
Denver, Colorado 80202

Re: Sand Wash Unit 3-30, 1-30, 7-30, ~~11-30~~ 9-30, 15-30, 7-31 and 3-31 Wells, Sections 30 and 31, Township 8 South, Range 17 East, Duchesne County, Utah

Gentlemen:

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

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

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

Sincerely,

John R. Baza
Associate Director, Oil and Gas

lwp

cc: Dan Jackson, EPA
Ed Bonner, SITLA
BLM, Vernal

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-74869

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
SAND WASH (GR RVR)

8. Well Name and No.
TAR SANDS FEDERAL 11-30

9. API Well No.
43-013-31732

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2015 FSL 1935 FWL NE/SW Section 30, T08S R17E

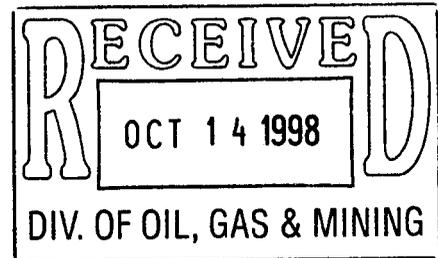
12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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

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

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

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



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

Signed *Lubric E. Knight* Title Manager, Regulatory Compliance Date 10/8/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM

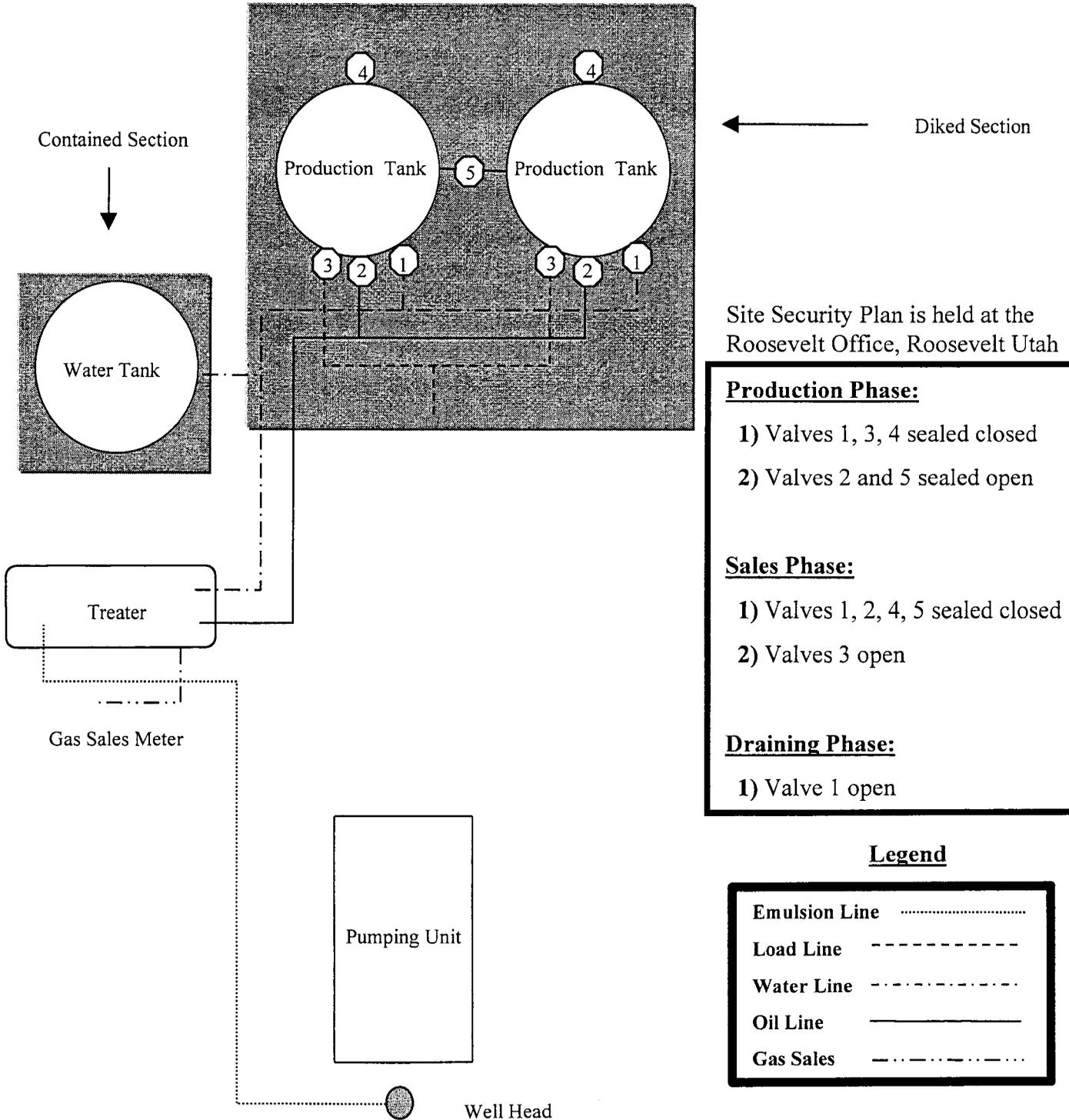
Inland Production Company Site Facility Diagram

Tar Sands 11-30

NE/SW Sec. 30, T8S, 17E

Duchesne County

May 12, 1998



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.)		5. LEASE DESIGNATION AND SERIAL NO. U-74869	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		7. UNIT AGREEMENT NAME SAND WASH (GR RVR)	
3. ADDRESS OF OPERATOR Route 3, Box 3630, Myton Utah 84052 (435-646-3721)		8. FARM OR LEASE NAME TAR SANDS FEDERAL 11-30	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/SW 2015 FSL 1935 FWL		9. WELL NO. TAR SANDS FEDERAL 11-30	
14 API NUMBER 43-013-31732		10 FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5299 GR		11 SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/SW Section 30, T08S R17E	
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"/>	WATER SHUT-OFF <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>
ABANDON* <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	(OTHER) <u>Injection Conversion</u> <input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

The subject well was converted from a production to an injection well on 12/11/99. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 4951'.

RECEIVED

DEC 21 1999

DIVISION OF OIL, GAS & MINING

18 I hereby certify that the foregoing is true and correct.
 SIGNED [Signature] District Engineer DATE 12/17/99

(This space for Federal or State office use)
 APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

INJECTION WELL - PRESSURE TEST

Well Name: Tan Sands Fed 11-30-8-11 API Number: 43-013-31732
 Qtr/Qtr: NE/SW Section: 30 Township: 85 Range: 17E
 Company Name: Inland Production Co.
 Lease: State _____ Fee _____ Federal X Indian _____
 Inspector: David W. Hackett Date: 12/14/99

Initial Conditions:

Tubing - Rate: 0 Pressure: 450 psi
 Casing/Tubing Annulus - Pressure: 1025 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1025</u>	<u>450</u>
5	<u> </u>	<u> </u>
10	<u> </u>	<u> </u>
15	<u> </u>	<u> </u>
20	<u> </u>	<u> </u>
25	<u> </u>	<u> </u>
30	<u>1025</u>	<u>450</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 450 psi
 Casing/Tubing Annulus Pressure: _____ psi

COMMENTS: First test after conversion from P.O.W.

Roy Liddell
 Operator Representative



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

Michael O. Leavitt
Governor
Kathleen Clarke
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

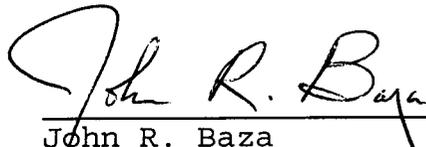
Cause No. UIC-207

Operator: Inland Production Company
Well: Tar Sands Federal 11-30
Location: Section 30, Township 8 South, Range 17 East
County: Duchesne
API No.: 43-013-31732
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 2, 1998.
2. Maximum Allowable Injection Pressure: 1919 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (5057 feet - 5928 feet)

Approved by:


John R. Baza

Associate Director, Oil And Gas

1/11/2000
Date

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

1. SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NO. U-74869	
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME SAND WASH (GR RVR)	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME TAR SANDS FEDERAL 11-30	
3. ADDRESS OF OPERATOR Route 3, Box 3630, Myton Utah 84052 (435-646-3721)		9. WELL NO. TAR SANDS FEDERAL 11-30	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/SW 2015 FSL 1935 FWL		10. FIELD AND POOL OR WILDCAT MONUMENT BUTTE	
		11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA NE/SW Section 30, T08S R17E	
14. API NUMBER 43-013-31732	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5299 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"/>	WATER SHUT-OFF <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>
ABANDON* <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	(OTHER) <u>First report of Injection</u> <input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

The subject well was placed on water injection on 12/29/99.

RECEIVED
JAN 25 2000
DIVISION OF
OIL, GAS AND MINING

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

SIGNED <u>[Signature]</u>	TITLE District Engineer	DATE 1/21/00	
---------------------------	--------------------------------	---------------------	--

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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-74869

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA. Agreement Designation
SAND WASH (GR RVR)

8. Well Name and No.
TAR SANDS FEDERAL 11-30

9. API Well No.
43-013-31732

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
Route 3, Box 3630, Myton Utah 84052 (435-646-3721)

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2015 FSL 1935 FWL NE/SW Section 30, 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.)*

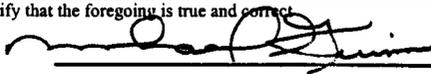
The subject well was converted from a production to an injection well on 12/11/99. The rods and tubing anchor were removed and a packer was inserted in the bottom hole assembly at 4951'.

RECEIVED

MAR 06 2000

**DIVISION OF
OIL, GAS AND MINING**

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

Signed  Title District Engineer Date 12/17/99

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

*WTC
12-18-99
rsu*



SUMMARY WORKOVER REPORT

Date Work Performed 7/9/97

MIRU Basin #8. Unseat rod pump. Flush tbg w/30 BW. Reseat pump. Fill tbg w/10 BW. Press test pump & tbg to 500 psi. Long stroke rod pump w/rig. No pump action, lost tbg pressure. TOH w/rod string. LD pump & break apart. Found ball & seat packed w/iron sulphides & scale. TIH w/rebuilt 2-1/2 x 1-1/2 x 16' RHAC pump, 4 - 1" scraped rods, 133 - 3/4" plain rods, 98 - 3/4" scraped rods, 1 - 8', 1 - 6', 2 - 4' x 3/4" pony rods & 1-1/2" x 22' polished rod. Seat pump. RU pumping unit. Stroke pump w/unit. Good pump action. PLACE WELL ON PRODUCTION @ 5:00 PM, 7/9/97 W/74" SL @ 9-1/2 SPM. Est 84 BWTR.

Daily Cost \$1,588 Cumulative Cost \$50,029

Report Date 1/24/99 Day 1

TL

Date Work Performed 1/23/99

MIRU CWS #40. Pump 95 BW dn csg @ 250°F. RD pumping unit. Unseat rod pump. Flush tbg & rods w/40 BW @ 250°F. Reseat rod pump. Filled tbg w/13 BW. Pumped 3 BW thru leak @ 1-1/2 BPM @ 100 psi. Unseat pump. TOH w/rods & pump. Pump looked good. Had several worn rod cplgs scattered throughout string. ND wellhead. Release TA @ 5840'. NU BOP. SIFN w/est 151 BWTR f/rig job.

Daily Cost \$1,580 Cumulative Cost \$51,609

Report Date 1/26/99 Day 2

TL

Date Work Performed 1/25/99

TOH w/tbg. Found split in joint #180. LD jts #179, #180, #181. LD BHA. TIH as follows: NC, 2 jts 2-7/8 tbg, SN, 2 jts 2-7/8 tbg, TA, 188 jts 2-7/8 tbg. ND BOP. Set tbg anchor w/12,000# tension. (EOT @ 5970', SN @ 5906', TA @ 5842'). NU tbg head. TIH w/rods as follows: 2-1/2 x 1-1/2 x 12 x 16 RHAC Randys pump, 4 - 1" scraped rods, 9 - 3/4" scraped rods, 124 - 3/4" plain rods, 98 - 3/4" scraped rods 1 - 8', 1 - 6', 2 - 4' & 1 - 2' x 3/4" pony rods (Replaced 23 worn rod boxes & changed 8 plain rods w/scraped rods threw worn spot.) PU & space out w/1-1/2 x 22' polished rod. Seat pump. RU unit head. RU hot oil trk fill tbg w/11 bbls of wtr, stroke tbg up w/unit to 800#. Held good w/good pump action. RDSUMOL. PLACE WELL ON PRODUCTION @ 2:30 PM, 1/25/99 @ 7 SPM W/64" SL. Est. 162 BWTR.

Daily Cost \$2,993 Cumulative Cost \$54,602

Report Date 12/8/99 Day 1

Injection Conversion

Date Work Performed 12/7/99

MIRU LES #698. Pump 97 BW dwn csg @ 250 degrees F. RD pumping unit. Unseat rod pump. Flush tbg & rods w/40 BW @ 250 degrees F. Re-seat rod pump & "soft jt" rod string. Fill tbg w/8 BW. Pressure up on tbg to 1800 psi & tbg ruptured. Screw back into rod string & unseat pump. TOH & LD rod string & pump. Had rod coupling wear in varying intervals throughout plain section (36 worn couplings). ND wellhead. Release TA @ 5842'. NU BOP. SIFN w/est 145 BW used for rig job.

Daily Cost \$9,250 Cumulative Cost \$63,852

Report Date 12/9/99 Day 2

Injection Conversion

Date Work Performed 12/8/99

TOH w/production tbg. LD BHA. Did not find leak. TIH w/4-3/4" bit, 5-1/2" csg scraper, SN (w/standing valve in place) and 192 jts tbg. Ran scraper to 5964' (36' below btm perf). Pressure tested tbg in varying increments to 3000 psi hydrostatic pressure equivalent. Found split in jt #107 (approx 3330'). Remainder of string tested good. Used 35 BW testing tbg. Fish standing valve w/sandline. LD 2 bad jts & 30 add'l jts tbg f/top of string. TOH w/tbg, break each collar & apply Liquid O-Ring to each pin. SIFN w/EOT @ 3236'. Est 180 BW used for rig job.



SUMMARY WORKOVER REPORT

Daily Cost \$4,150 Cumulative Cost \$68,002

Report Date 12/10/99 Day 3

Injection Conversion

Date Work Performed 12/9/99

Cont'd TOH w/tbg f/3236'. Break each connection & apply Liquid O-Ring to each pin. LD bit & scraper. TIH w/injection string as follows: 5-1/2" Arrowset 1-X pkr (w/WL re-entry guide & hardened steel slips), 2-7/8" SN, 160 jts 2-7/8" 8rd 6.5# J-55 tbg. Torque each connection on TIH. ND BOP. Land tbg on flange. Mix 5 gals Alpha 1-33 (biocide) & 15 gal Unichem 6061 (corrosion inhibitor) in 60 bbls fresh water. Pump 30 bbls mixed wtr dwn csg @ 90 degrees F. PU on tbg & set pkr w/16" stretch. Land tbg w/15,000# tension w/SN @ 4977', pkr elements @ 4982' & EOT @ 4986'. NU wellhead. Pump add'l 30 bbls mixed water dwn csg. Top off w/5 bbls fresh water. Pressure test csg & pkr to 1050 psi. Pressure held good for 5 minutes, then lost all pressure. Csg on vacuum, tbg blowing. ND wellhead. Release pkr @ 4982'. NU BOP. Prep to pull tbg. SIFN w/est BW used for rig job.

Daily Cost \$2,400 Cumulative Cost \$70,402

Report Date 12/11/99 Day 4

Injection Conversion

Date Work Performed 12/10/99

TOH w/injection string. LD jt #139--collapsed (approx 4322') & pkr. TIH w/new Arrow Set 1-X pkr w/wireline re-entry guide & hardened steel slips), SN (w/standing valve in place) & 160 jts 2-7/8" 8rd 6.5# J-55 tbg. Pressure test string as RIH in 10 jt increments to 5000 psi hydrostatic pressure equivalent. Ruptured jt #150. Remainder of string tested good. Used 30 BW testing tbg. Fish standing valve w/sandline. ND BOP. Land tbg on flange. Mix 5 gal Unichem Alpha 1-33 (biocide) & 15 gals 6061 (corrosion inhibitor) in 60 BBLS fresh water. Pump 40 BBLS mixed water down csg @ 90 deg F. PU on tbg & try setting pkr @ 4983'. Pkr doesn't set through conventional methods. Able to set 1 jt higher uphole. End results as follows: set w/16" stretch, landed w/15,000# tension w/SN @ 4947', pkr elements @ 4951', EOT @ 4955'. NU wellhead. Top off csg w/18 BBLS mixed water. Pressure teset csg & pkr to 1050 psi. After 30 minutes pressure @ 1025 psi & holding. Leave pressure on well overnight. RDMO SU. Est 333 BW used for rig job.

Daily Cost \$4,100 Cumulative Cost \$74,502

Report Date 12/14/99 Day 5

Injection Conversion

Date Work Performed 12/14/99

Contacted Dave Hackford with the State of Utah and Bahram Jafari with the EPA and set time to conduct a MIT on the casing. Pressured casing to 1035 psi with 450 psi on tubing. Dave Hackford showed up and witnessed no loss of pressure in 1 hour.

Daily Cost \$0 Cumulative Cost \$74,502

Cum INT CONV = \$19,900

STATE OF UTAH

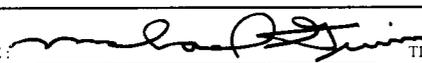
DIVISION OF OIL, GAS, AND MINING

<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-74869</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A</p> <p>7. UNIT AGREEMENT NAME SAND WASH (GR RVR)</p> <p>8. WELL NAME and NUMBER TAR SANDS FEDERAL 11-30</p> <p>9. API NUMBER 43-013-31732</p> <p>10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE</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 2015 FSL 1935 FWL</p> <p>QQ, SEC, T, R, M: NE/SW Section 30, T08S R17E</p>	

<p>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA</p>	
<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>

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.

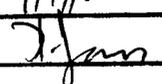
A step rate test was conducted on the subject well on 2/23/01. Results indicate that the formation fracture gradient is .634 psi/ft. Therefore, Inland is requesting that the MAIP be changed to 900 psi.

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

Michael Guinn

(This space for State use only)

Approved by the Utah Division of Oil, Gas and Mining
See Instructions On Reverse Side

Date: 4/19/2001
By: 

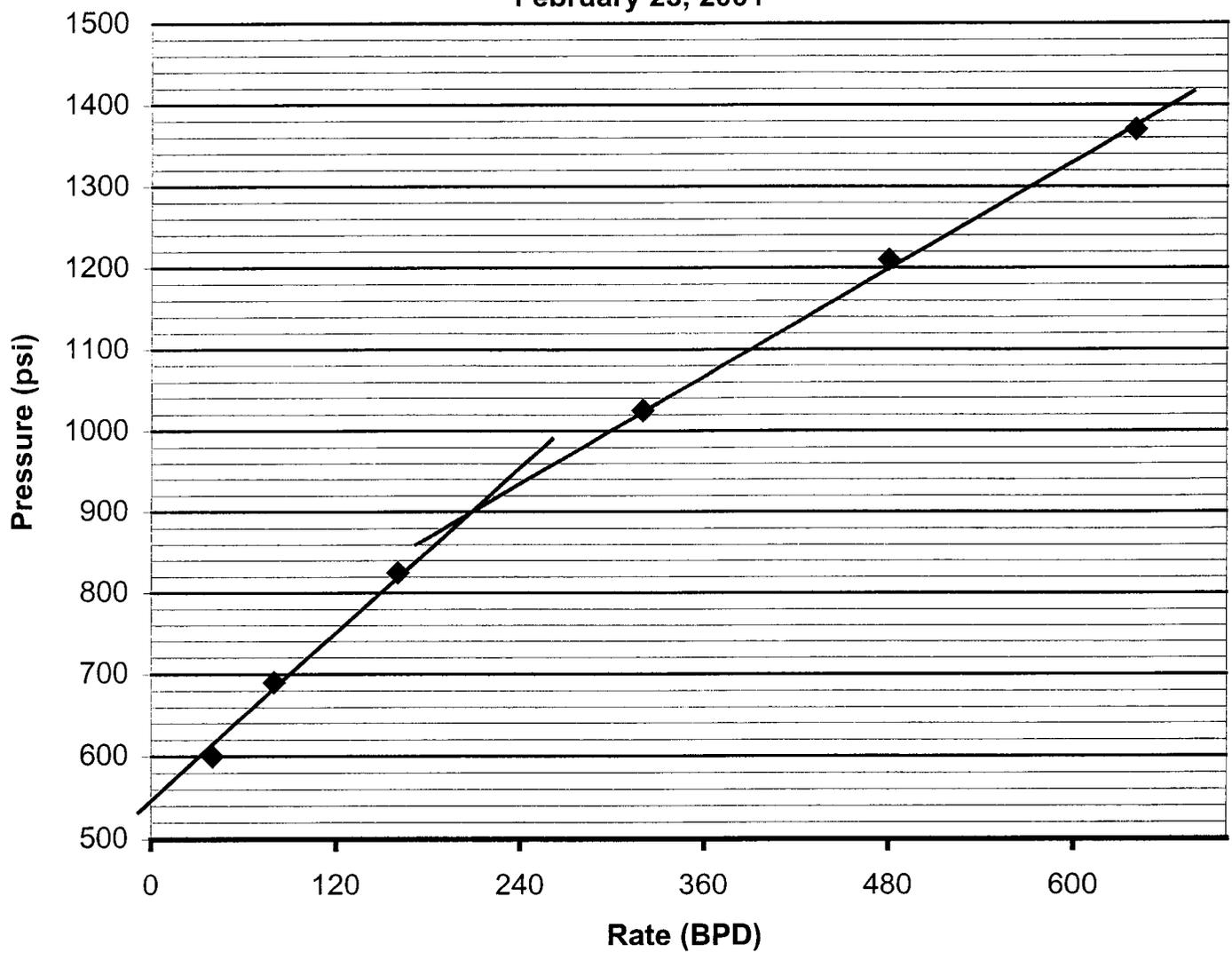
04-19-01
LHD

RECEIVED

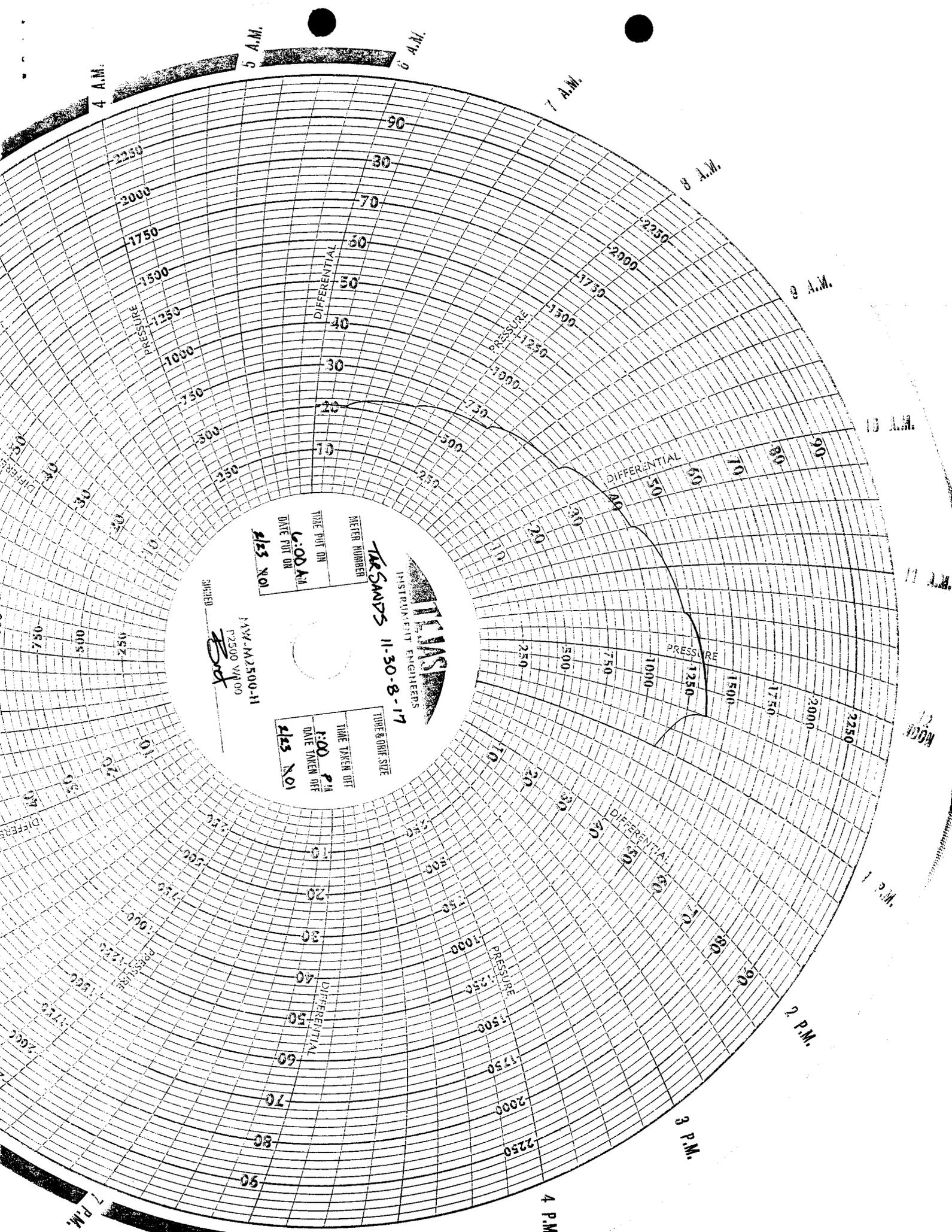
MAR 06 2001

DIVISION OF OIL, GAS AND MINING

● Tar Sands Federal 11-30-8-17 ●
Sand Wash Unit
Step Rate Test
February 23, 2001



Start Pressure:	505 psi	Step	Rate(bpd)	Pressure(psi)
ISIP:	1340 psi	1	40	600
Fracture pressure:	900 psi	2	80	690
Top Perforation:	4535 feet	3	160	825
FG:	0.634 psi/ft	4	320	1025
		5	480	1210
		6	640	1370



5 A.M.
6 A.M.

4 A.M.

7 A.M.

8 A.M.

9 A.M.

10 A.M.

11 A.M.

12 A.M.

1 P.M.

2 P.M.

3 P.M.

4 P.M.

METER NUMBER
TKSANDS
TIME PUT ON
6:00 AM
DATE PUT ON
2/23 '01

ENGINEER
W. J. M. 2500-11
W. J. M.
P. 2500 W. 1000

TYPE & ORIF. SIZE
TIME TAKEN OFF
1:00 P.M.
DATE TAKEN OFF
2/23 '01

TKSANDS
INSTRUMENT ENGINEERS
11-30-8-17

5
6
7 P.M.

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

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.

OIL WELL GAS WELL OTHER **Injection Well**

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NUMBER
**Rt. 3 Box 3630, Myton Utah 84052
435-646-3721**

4. LOCATION OF WELL
Footages **2015 FSL 1935 FWL**
QQ, SEC, T, R, M: **NE/SW Section 30, T8S R17E**

5. LEASE DESIGNATION AND SERIAL NO.
U-74869

6. IF INDIAN ALLOTTEE OR TRIBAL NAME
N/A

7. UNIT AGREEMENT NAME
SAND WASH (GR RVR)

8. WELL NAME and NUMBER
TAR SANDS FED 11-30

9. API NUMBER
43-013-31732

10. FIELD AND POOL, OR WILDCAT
MONUMENT BUTTE

COUNTY **DUCHESNE**
STATE **UTAH**

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

NOTICE OF INTENT:
(Submit in Duplicate)

ABANDON NEW CONSTRUCTION
 REPAIR CASING PULL OR ALTER CASING
 CHANGE OF PLANS RECOMPLETE
 CONVERT TO INJECTION REPERFORATE
 FRACTURE TREAT OR ACIDIZE VENT OR FLARE
 MULTIPLE COMPLETION WATER SHUT OFF
 OTHER _____

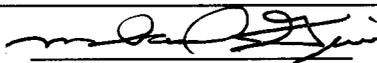
SUBSEQUENT REPORT OF:
(Submit Original Form Only)

ABANDON* NEW CONSTRUCTION
 REPAIR CASING PULL OR ALTER CASING
 CHANGE OF PLANS RECOMPLETE
 CONVERT TO INJECTION REPERFORATE
 FRACTURE TREAT OR ACIDIZE VENT OR FLARE
 OTHER **Step Rate Test**

DATE WORK COMPLETED _____
 Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
 *Must be accompanied by a cement verification report.

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 1/9/04. Results from the test indicate that the fracture gradient is .664 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 1155 psi.

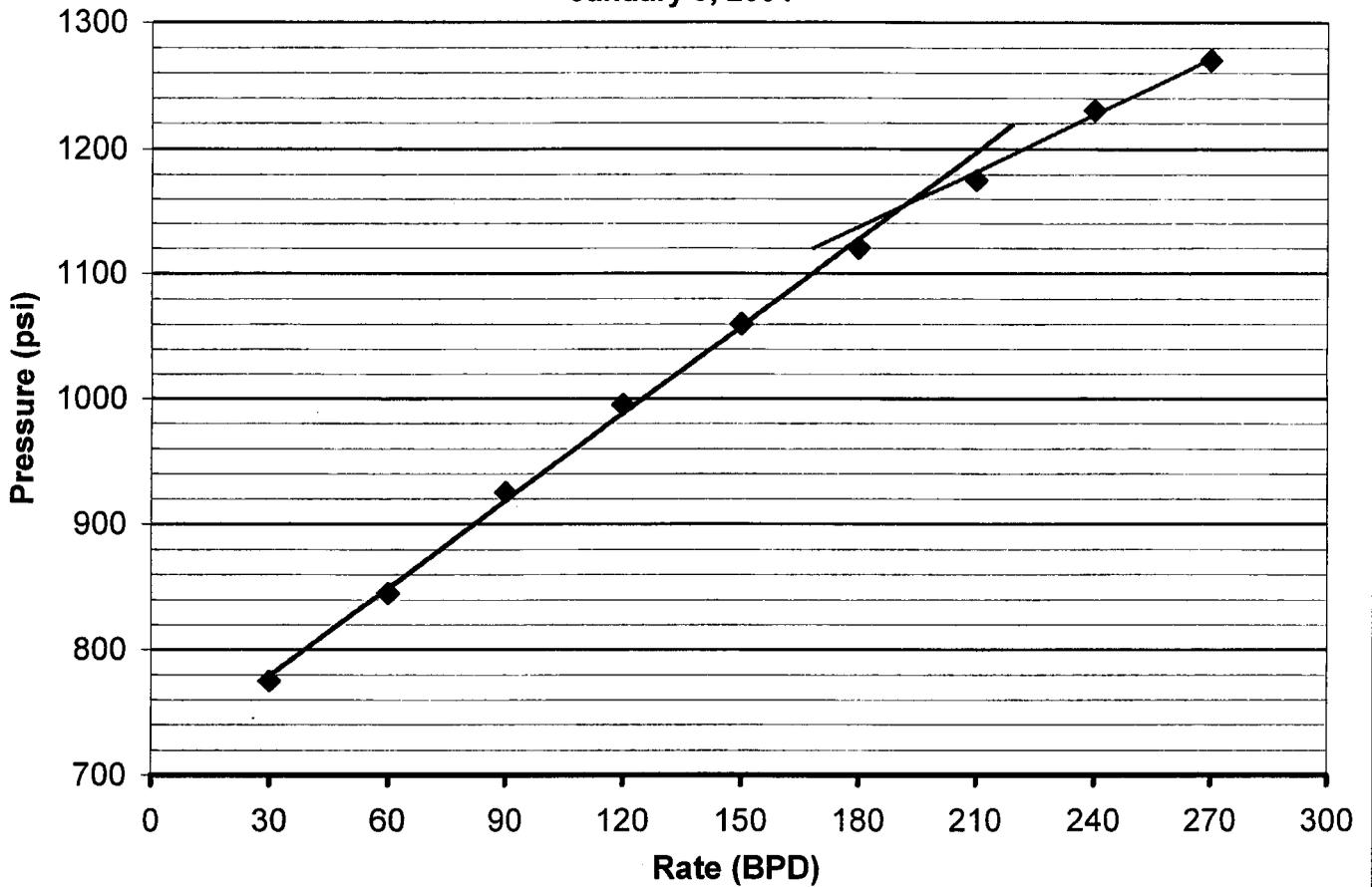
13. NAME & SIGNATURE  TITLE Vice President of Operations DATE 2/4/2004
 Michael Guinn

(This space for State use only)

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

**RECEIVED
FEB 10 2004
DIV. OF OIL, GAS & MINING**

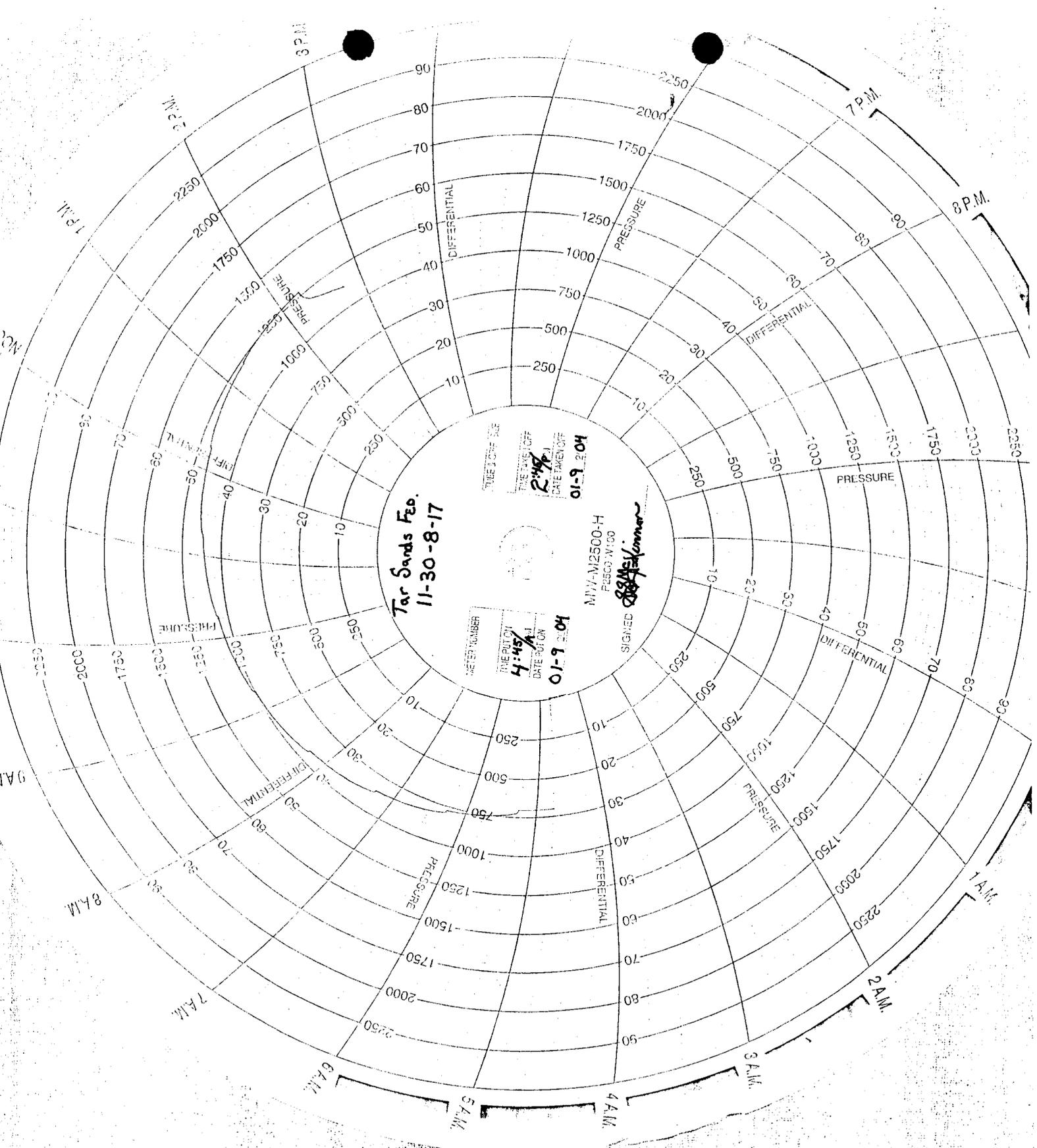
Tar Sands Federal 11-30-8-17
 Sandwash Unit
 Step Rate Test
 January 9, 2004



Start Pressure: 700 psi
 Instantaneous Shut In Pressure (ISIP): 1250 psi
 Top Perforation: 5057 feet
 Fracture pressure (P_{fp}): 1155 psi
 FG: 0.664 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	30	775
2	60	845
3	90	925
4	120	995
5	150	1060
6	180	1120
7	210	1175
8	240	1230
9	270	1270

RECEIVED
 FEB 10 2004
 DIV. OF OIL, GAS & MINING



RECEIVED
FEB 10 2004
 DIV. OF OIL, GAS & MINING



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
Phone 800-227-8917
<http://www.epa.gov/region08>

MAR - 3 2004

Ref: 8P-W-GW

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

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
Vice President - Operations
Inland Production Company
Route 3 - Box 3630
Myton, UT 84052

RE: UNDERGROUND INJECTION CONTROL (UIC)
APPROVAL TO INCREASE MAXIMUM
SURFACE INJECTION PRESSURE. No. 2
EPA Permit No. UT20847-04440
Tar Sands Federal No. 11-30-8-17
NE NW Sec. 32 - T8S - R17E
Duchesne County, Utah

Dear Mr. Guinn:

The Environmental Protection Agency (EPA) Sand Wash Area Permit UT20847-00000 (Effective May 26, 1998), Part II, Section C.5.(b), permits the "Director" to authorize, by letter, an increase in the maximum surface injection pressure (MIP) for the Tar Sands Federal No. 11-30-8-17 following receipt and approval of a valid Step-Rate Test (SRT).

On February 4, 2004, Inland Production Company (Inland) submitted an SRT, dated January 9, 2004, which was received by the EPA on February 9, 2004. The EPA approves a new fracture gradient of 0.664 psi/ft for the Garden Gulch/Douglas Creek/Basal Carbonate Members of the Green River Formation injection interval.

As of the date of this letter, the EPA authorizes an increase in the maximum surface injection pressure (MIP) from 900 psig to 1155 psig.

MAR 05 2004



Printed on Recycled Paper

FG = 0.664 psi/ft
 D = 5057 feet: Top perforation
 SG = Specific gravity: 1.005

 MIP = $[(0.664) - (0.433)(1.005)] 5057$

 MIP = 1157 psig, but reduced to 1155 psig.

Please send all compliance correspondence relative to this well to the **ATTENTION: NATHAN WISER**, at the letterhead address, citing **MAIL CODE: 8ENF-UFO** very prominently. You may call Mr. Wisser at 303-312-6211, or 1-800-227-8917 (Ext. 6211).

Sincerely,

Carl L. Campbell for

Stephen S. Tuber
 Assistant Regional Administrator
 Office of Partnerships and
 Regulatory Assistance

cc: Maxine Natchees
 Chairperson
 Uintah & Ouray Business Committee
 Ute Indian Tribe
 P.O. Box 190
 Fort Duchesne, Ut 84026

Elaine Willie
 Environmental Coordinator
 Ute Indian Tribe
 P.O. Box 460
 Fort Duchesne, UT 84026

Mr. Chester Mills
 Superintendent
 Bureau of Indian Affairs
 Uintah & Ouray Indian Agency
 P.O. Box 130
 Fort Duchesne, UT 84026

Mr. David Gerbig
 Operations Engineer
 Inland Production Company
 1401 Seventeenth Street - Suite 1000
 Denver, CO 80202

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84111-00581

Mr. Jerry Kenczka
Petroleum Engineer
Bureau of Land Management
Vernal District
170 South 500 East
Vernal, UT 84078

Mr. Nathan Wiser
8ENF-UFO



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

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

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

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

(This space for State use only)

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

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

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SEP 20 2004
DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU74869

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:
SAND WASH UNIT

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

8. WELL NAME and NUMBER:
TAR SANDS FED 11-30

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
4301331732

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: 2015 FSL 1935 FWL

COUNTY: Duchesne

QTR./QTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/SW, 30, 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 type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 11/01/2004	<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.

A 5 year MIT was conducted on the subject well. On 10/27/04 Mr. Al Craver was notified of the intent to conduct a MIT on the casing. On 10/28/04 the casing was pressured to 1400 psi w/5 psi pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

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

**RECEIVED
NOV 0 2 2004**

DIV. OF OIL, GAS & MINING

NAME (PLEASE) Krishna Russell

TITLE Production Clerk

SIGNATURE

Krishna Russell

DATE November 01, 2004

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: 10 / 28 / 04
 Test conducted by: REET HENZIE
 Others present: _____

Well Name: <u>TAR SANDS TEST 11-30-817</u>	Type: <input checked="" type="radio"/> ER SWD	Status: <input checked="" type="radio"/> AC TA UC
Field: <u>SANDWASH UNIT</u>		
Location: <u>NEKW</u> Sec: <u>30</u> T <u>E</u> N/S R <u>17</u> E/W County: <u>DICHESNE</u> State: <u>LT</u>		
Operator: <u>NEWFIELD</u>		
Last MIT: <u>12 / 14 / 99</u>	Maximum Allowable Pressure: <u>1155</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: 10 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1130</u> psig	psig	psig
End of test pressure	<u>1130</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1400</u> psig	psig	psig
5 minutes	<u>1400</u> psig	psig	psig
10 minutes	<u>1400</u> psig	psig	psig
15 minutes	<u>1400</u> psig	psig	psig
20 minutes	<u>1400</u> psig	psig	psig
25 minutes	<u>1395</u> psig	psig	psig
30 minutes	<u>1395</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

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NOV 02 2004

DIV. OF OIL, GAS & MINING

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: _____

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:

SAND WASH (GREEN RIVER)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BOUNDARY FED 13-19-8-17	19	080S	170E	4301331625	12308	Federal	WI	A
TAR SANDS FED 12-30	30	080S	170E	4301331543	12308	Federal	OW	P
TAR SANDS FED 5-30	30	080S	170E	4301331620	12308	Federal	WI	A
TAR SANDS FED 4-30	30	080S	170E	4301331621	12308	Federal	OW	P
TAR SANDS FED 13-30	30	080S	170E	4301331637	12308	Federal	WI	A
TAR SANDS FED 16-30	30	080S	170E	4301331708	12308	Federal	OW	P
TAR SANDS FED 14-30	30	080S	170E	4301331711	12308	Federal	OW	P
TAR SANDS 6-30-8-17	30	080S	170E	4301331712	12308	Federal	OW	P
TAR SANDS FED 11-30	30	080S	170E	4301331732	12308	Federal	WI	A
TAR SANDS FED 3-30	30	080S	170E	4301331755	12308	Federal	WI	A
HARBOUR TOWN FED 31-30	30	080S	170E	4301331758	12308	Federal	OW	P
TAR SANDS FED 7-30	30	080S	170E	4301331807	12308	Federal	WI	A
TAR SANDS FED 10-30	30	080S	170E	4301331808	12308	Federal	OW	P
GOVERNMENT 31-2	31	080S	170E	4301320082	12308	Federal	OW	P
TAR SANDS FED 4-31	31	080S	170E	4301331606	12308	Federal	OW	P
TAR SANDS FED 5-31	31	080S	170E	4301331607	12308	Federal	WI	A
TAR SANDS FED 8-31	31	080S	170E	4301331615	12308	Federal	OW	P
TAR SANDS FED 9-31	31	080S	170E	4301331616	12308	Federal	OW	P
TAR SANDS FED 1-31	31	080S	170E	4301331654	12308	Federal	WI	A
TAR SANDS FED 7-31	31	080S	170E	4301331684	12308	Federal	WI	A
TAR SANDS FED 6-31	31	080S	170E	4301331686	12308	Federal	OW	P
TAR SANDS FED 3-31	31	080S	170E	4301331733	12308	Federal	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The FORMER operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU74869

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, 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:
SAND WASH UNIT

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

8. WELL NAME and NUMBER:
TAR SANDS FED 11-30

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331732

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: 2015 FSL 1935 FWL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/SW, 30, 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/24/2006	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT
	<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 18, 2006. Results from the test indicate that the fracture gradient is .726 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1470 psi.

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

NAME (PLEASE PRINT) Cheyenne Batemen

TITLE Well Analyst Foreman

SIGNATURE 

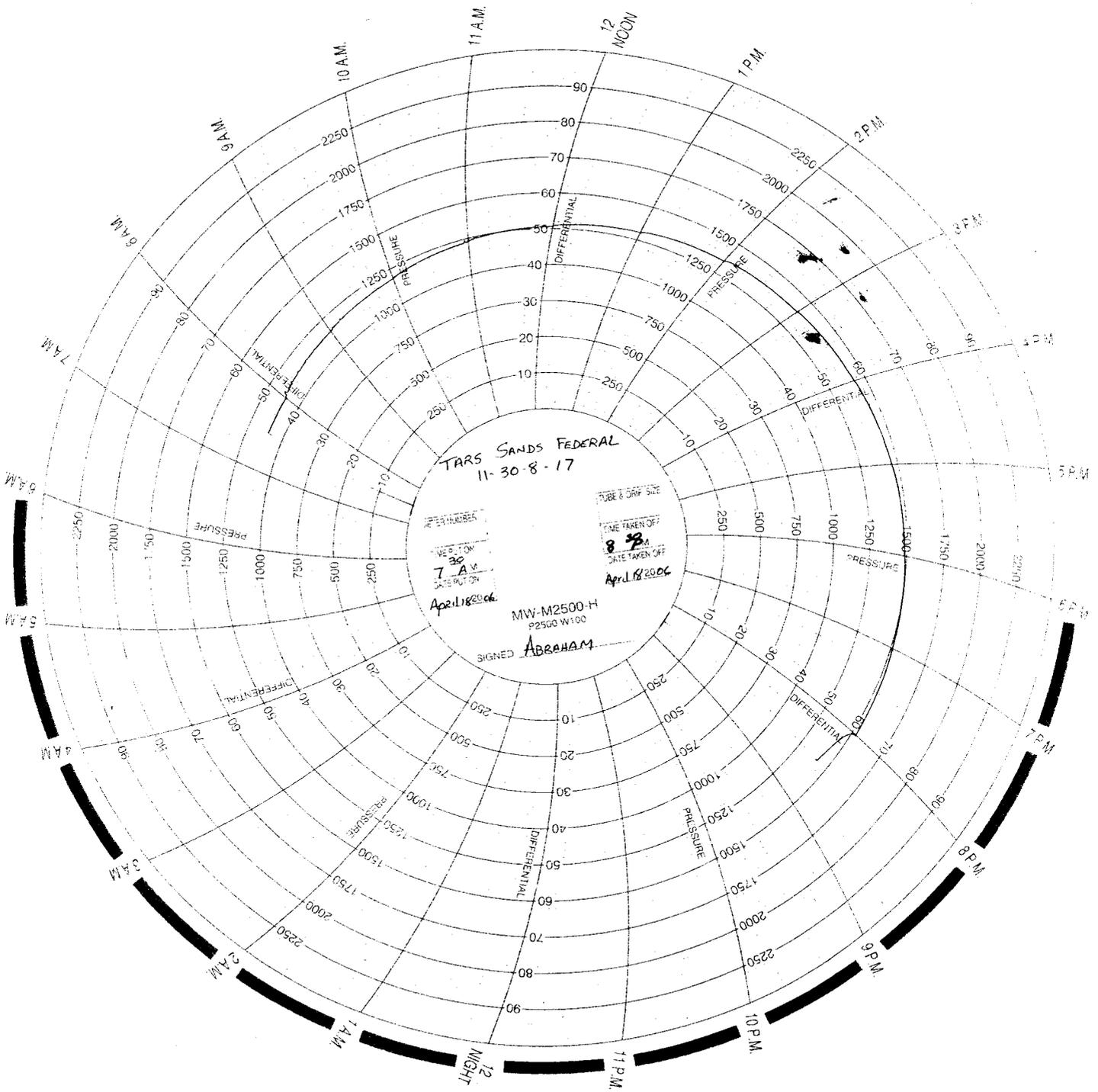
DATE 04/24/2006

(This space for State use only)

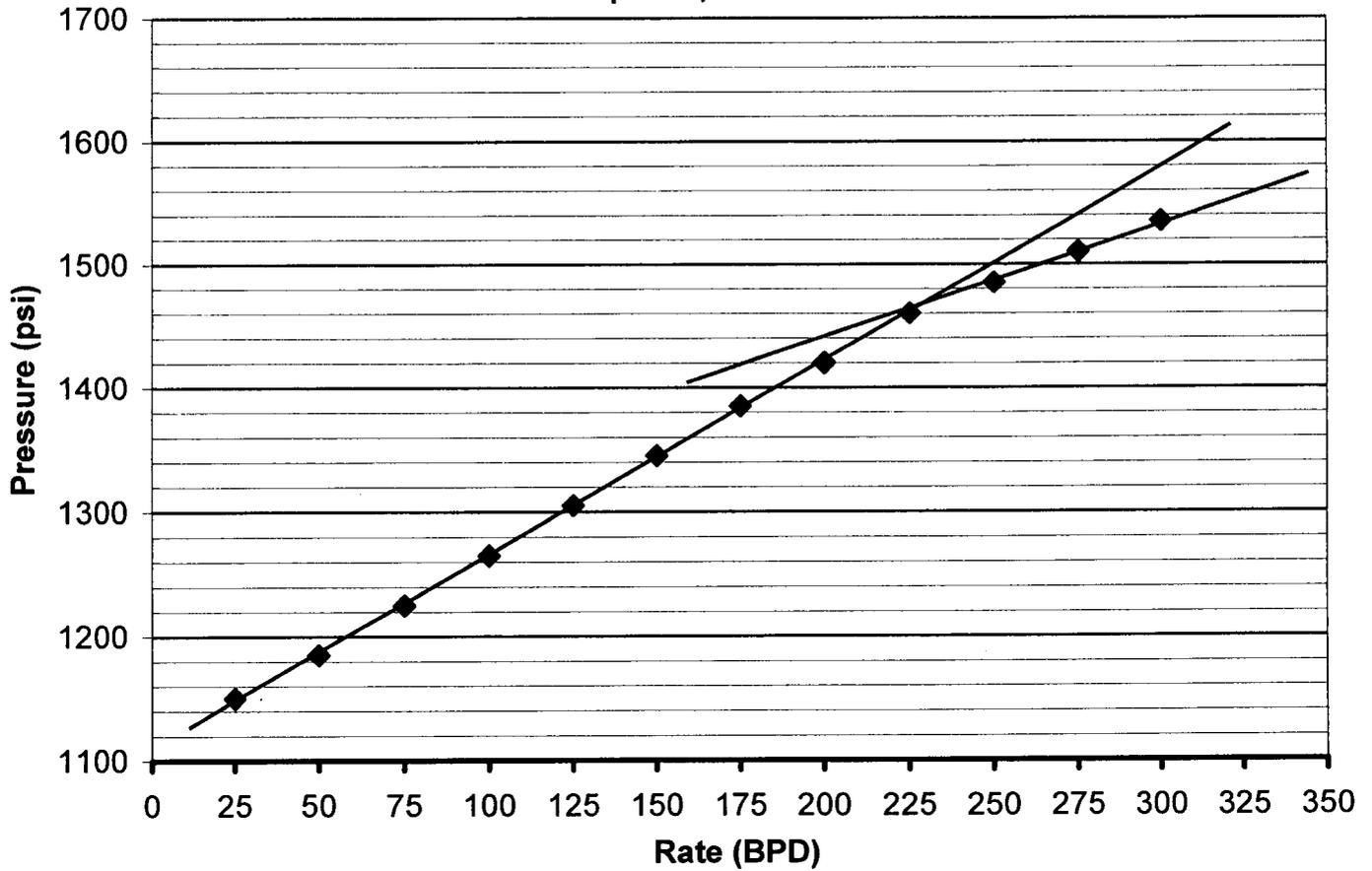
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APR 26 2006

DIV. OF OIL, GAS & MINING



Tars Sands Federal 11-30-8-17
Sandwash Unit
Step Rate Test
April 18, 2006



Start Pressure: 1110 psi
Instantaneous Shut In Pressure (ISIP): 1530 psi
Top Perforation: 5057 feet
Fracture pressure (Pfp): 1470 psi
FG: 0.726 psi/ft

<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
1	25	1150
2	50	1185
3	75	1225
4	100	1265
5	125	1305
6	150	1345
7	175	1385
8	200	1420
9	225	1460
10	250	1485
11	275	1510
12	300	1535

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-74869

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:
SAND WASH UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
TAR SANDS FED 11-30

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331732

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: 2015 FSL 1935 FWL
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NESW, 30, T8S, R17E

COUNTY: DUCHESNE
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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/11/2009	<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: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
On 8-25-09 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 8-26-09. On 9-11-09 the casing was pressured up to 1600 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1336 psig during the test. There was not an EPA representative available to witness the test. EPA# UT 20847-04440 API# 43-013-31732

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Production Tech
SIGNATURE *Lucy Chavez-Naupoto* DATE 09/23/2009

(This space for State use only)

RECEIVED
SEP 28 2009
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: 9 11 2009
 Test conducted by: DAVE CLOWARD
 Others present: NONE

Well Name: <u>TAR SANDS FEDERAL 11-30-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>SANDWASH UNIT</u>		
Location: <u>NE/SW</u> Sec: <u>30 T 8 N(S) R 17(E) W</u>	County: <u>Duchesne</u>	State: <u>UTAH</u>
Operator: <u>NEWFIELD PRODUCTION COMPANY</u>		
Last MIT: <u>1 1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes [] No
 Initial test for permit? [] Yes [] No
 Test after well rework? [] Yes [] No
 Well injecting during test? Yes [] No If Yes, rate: 25 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1336</u> psig	psig	psig
End of test pressure	<u>1336</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1600</u> psig	psig	psig
5 minutes	<u>1600</u> psig	psig	psig
10 minutes	<u>1600</u> psig	psig	psig
15 minutes	<u>1600</u> psig	psig	psig
20 minutes	<u>1600</u> psig	psig	psig
25 minutes	<u>1600</u> psig	psig	psig
30 minutes	<u>1600</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass [] Fail	[] Pass [] Fail	[] Pass [] 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: David Cloward

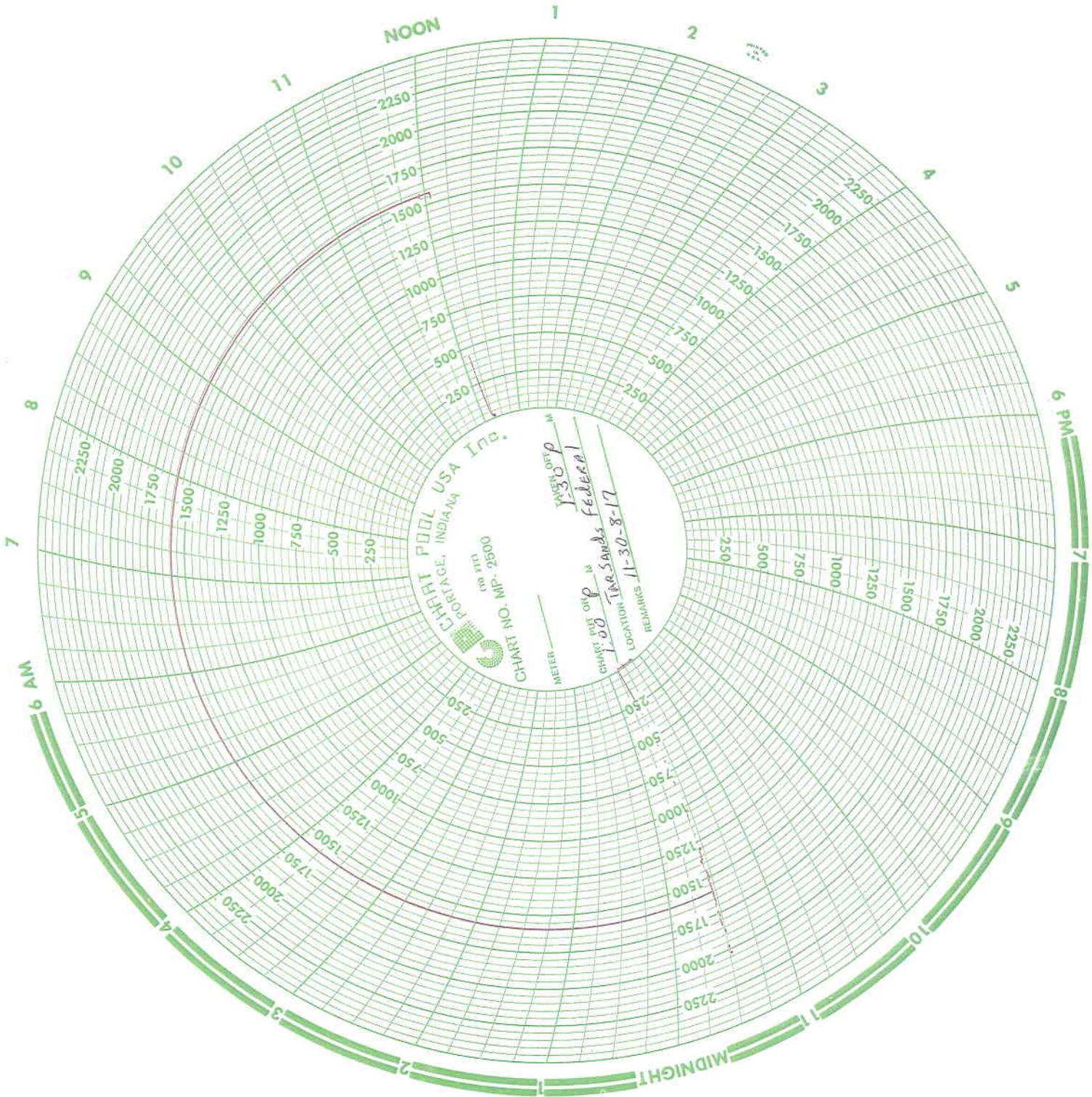



CHART POOL USA Inc.
 PORTAGE, INDIANA 46304
 (317) 434-1111
 CHART NO. MP-2600

METER _____
 TAKEN OFF _____ M
 1:30 P

CHART NO. _____
 CHART TAKEN OFF BY _____
 1:00 PARSANDS FEDERAL

LOCATION _____
 11-30-8-17
 REMARKS _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
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 11-30
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013317320000
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: 2015 FSL 1935 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 30 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 checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/5/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION 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 performed on the above listed well. On 08/05/2014 the casing was pressured up to 1396 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1143 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04440		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 07, 2014
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 8/6/2014

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: 8 / 5 / 14
 Test conducted by: INAKI LASA
 Others present: _____

Well Name: <u>TAR SANDS FEDERAL</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>GREATER MONUMENT BUTTE</u>	API <u>43-013-31732</u>	
Location: <u>11-30-8-17</u> Sec: <u>30</u> T <u>8 S</u> N/S R <u>17 E</u> / W	County: <u>Duchesne</u> State: <u>UTAH</u>	
Operator: <u>INAKI LASA</u>		
Last MIT: <u>1 / 1</u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 1,143 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1,143 psig	psig	psig
End of test pressure	1,143 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	5.6 psig	psig	psig
5 minutes	1,409.4 psig	psig	psig
10 minutes	1,406.4 psig	psig	psig
15 minutes	1,403.6 psig	psig	psig
20 minutes	1,400.8 psig	psig	psig
25 minutes	1,398.6 psig	psig	psig
30 minutes	1,395.6 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

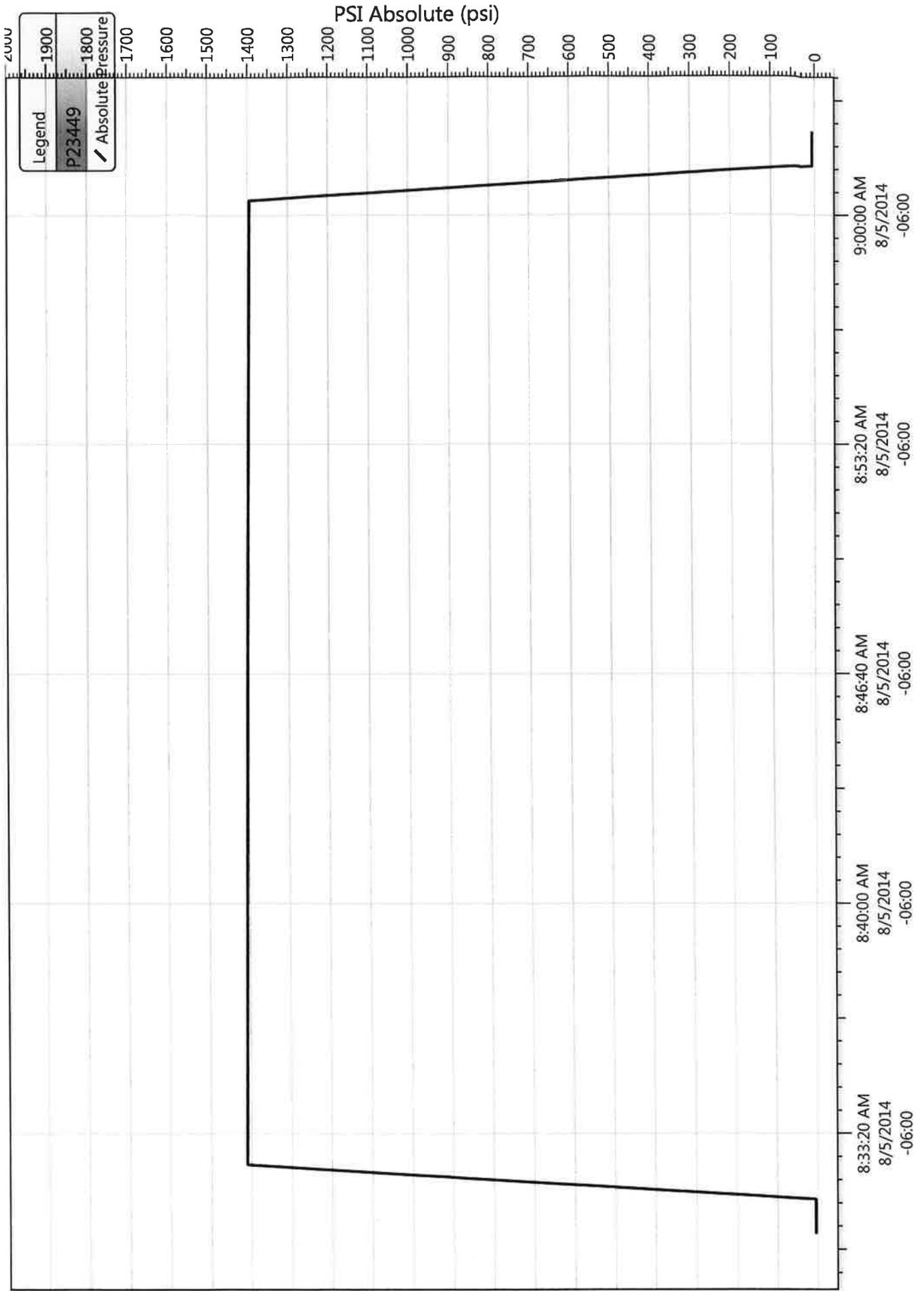
Does the annulus pressure build back up after the test? Yes No

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: _____

TSF 11-30-8-17 (5Year MIT 3rd Test)
8/5/2014 8:29:50 AM



Tar Sands Federal 11-30-8-17

Spud Date: 12/2/96

Put on Injection: ---
GL: 5299' KB: 5312'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (285.79')
DEPTH LANDED: 284.19' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 170 sxs Premium cmt. est. 5 bbls to surf

PRODUCTION CASING

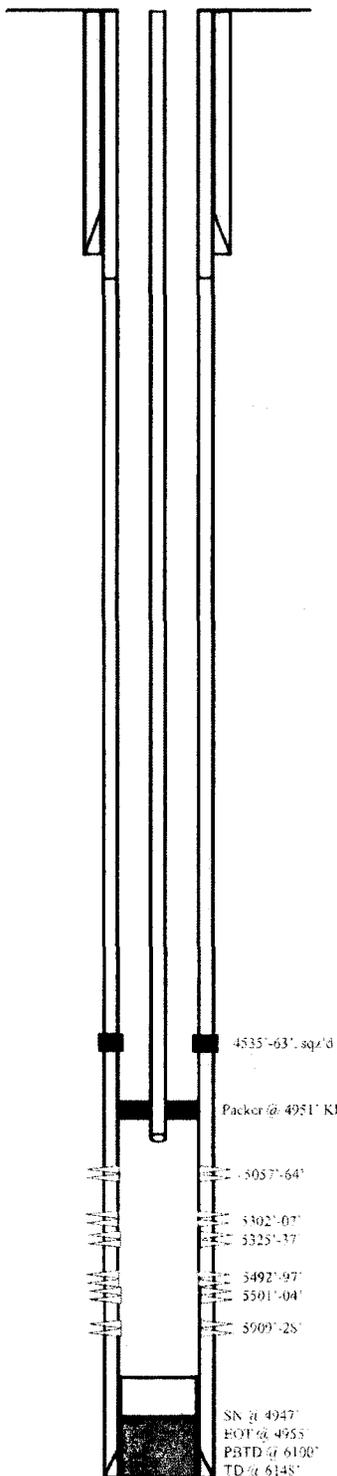
CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 144 jts. (6151')
DEPTH LANDED: 6148'
HOLE SIZE: 7-7/8"
CEMENT DATA: 330 sk Hibond mixed & 320 sxs thixotropic
CEMENT TOP A.F. 278' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" Std 6.5# J-55 thg
NO. OF JOINTS: 139 jts.
SEATING NIPPLE: @ 4946.98' KB
TOTAL STRING LENGTH: 4942.41' KB
5-1/2" Arrow set 1-x Packer
Elements @ 5951.33' KB
BOT @ 4955.41' KB

SUCKER RODS

Injector Wellbore
Diagram



Initial Production: 108 BOPD,
121 MCFPD, 6 BWPD

FRAC JOB

1/2/97	5909'-5928'	Frac CP-1 sand as follows: 79,700# of 20/40 sand in 498 bbls of Boragel. Breakdown @ 2842 psi. Treated @ avg rate of 23.2 bpm w/avg press of 1450 psi. ISIP: 1924 psi, 5-min 1761 psi. Flowback on 12/64" ck for 3 hours and died.
1/4/97	5492'-5504'	Frac A-3 sand as follows: 64,800# of 20/40 sand in 432 bbls of Boragel. Breakdown @ 3318 psi. Treated @ avg rate of 22.1 bpm w/avg press of 2180 psi. ISIP: 2497 psi, 5-min 2330 psi. Flowback on 12/64" ck for 2 hours and died.
1/8/97	5302'-5337'	Frac B-1 sand as follows: 79,800# of 20/40 sand in 459 bbls of Boragel. Breakdown @ 3745 psi. Treated @ avg rate of 20.1 bpm w/avg press of 2200 psi. ISIP: 2295, 5-min 2105 psi. Flowback on 12/64" ck for 2 hours and died.
1/9/97	5057'-5064'	Frac D-2 sand as follows: 80,400# of 20/40 sand in 475 bbls of Boragel. Treated @ avg rate of 20.5 bpm w/avg press of 1800 psi. Breakdown @ 2535 psi. ISIP: 2365 psi, 5-min 2322 psi. Flowback on 12/64" ck for 3 hours and died.
6/22/97	4535'-4563'	Frac GB sand as follows: 192,340# of 20/40 sand in 480 bbls of Boragel. Treated @ avg rate of 26.2 bpm w/avg press of 2300 psi. Breakdown @ 2785 psi. ISIP: 3309 psi, 5-min 2425 psi. Flowback on 12/64" ck for 4 hours and died.
12/1/99		Converted to Injection well
11/01/04		5 Yr MIT
04/24/06		Step Rate test performed
09/11/09		5 yr MIT completed

PERFORATION RECORD

12/30/96	5909'-5928'	4 JSPP	76 holes
1/3/97	5492'-5497'	4 JSPP	20 holes
1/3/97	5501'-5504'	4 JSPP	16 holes
1/6/97	5302'-5307'	4 JSPP	20 holes
1/6/97	5325'-5337'	4 JSPP	48 holes
1/9/97	5057'-5064'	4 JSPP	28 holes
6/20/97	4550'-4563'	4 JSPP	52 holes
6/20/97	4535'-4541'	4 JSPP	24 holes



Tar Sands Federal #11-30
1935 FWL 2015 FSI
NESW Section 30-T8S-R17E
Duchesne Co, Utah
API #43-013-31732; Lease #U-74869