

UTAH OIL AND GAS CONSERVATION COMMISSION

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

98/202 Comm WTA, eff. 1-31-98!

DATE FILED NOVEMBER 25, 1996

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-74869 INDIAN

DRILLING APPROVED: NOVEMBER 25, 1996

SPUDED IN: 12/5/96

COMPLETED: 1-21-97 PUT TO PRODUCING:

INITIAL PRODUCTION: 109 BBL, 172 mcf, 4 BBL

GRAVITY A.P.I.

GOR: 1.6

PRODUCING ZONES: 5331' - 5747' GRK

TOTAL DEPTH: 6250'

WELL ELEVATION: 5349' GRK

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT:

COUNTY: DUCHESNE

WELL NO. TAR SANDS FEDERAL 3-30 API NO. 43-013-31755

LOCATION 645 FNL FT. FROM (N) (S) LINE, 1778 FWL FT. FROM (E) (W) LINE. NE NW 1/4 - 1/4 SEC. 30

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

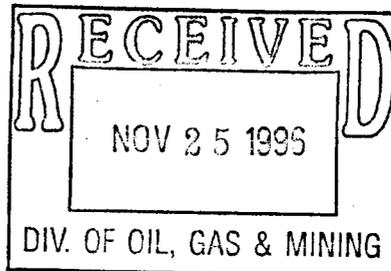
GEOLOGIC TOPS:

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	Halgaita Tongue	Ouray
Green River	Frontier	Phosphoria	Eibert
<i>Garden Quich</i>	<i>4421</i>	Dakota	McCracken
<i>Point 3</i>	<i>4711</i>	Burro Canyon	Aneth
<i>X MKR</i>	<i>4944</i>	Cedar Mountain	Supai
<i>J MKR</i>	<i>4976</i>	Buckhorn	Wolfcamp
<i>DOUGLAS CRK</i>	<i>5100</i>	JURASSIC	CARBON I FEROUS
<i>Wesatch</i>	<i>Bicarbonate 5358</i>	Morrison	Pennsylvanian
<i>Stone Cabin</i>	<i>B LIMESTONE 5493</i>	Salt Wash	Qquirrh
<i>Colter</i>	<i>CASTLE PEAK 6001</i>	San Rafael Gr.	Weber
<i>Flagstaff</i>	<i>Basal Carbonate NDE</i>	Summerville	Morgan
North Horn	Bluff Sandstone	Bluff Sandstone	Hermosa
Almy	Curtis		
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		
Price River	Wingate	Cane Creek	PRE - CAMBRIAN
Blackhawk	TRIASSIC		



November 22, 1996

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



Dear Mike:

As per our phone conversation and the request of Cheryl Cameron in our Vernal Office I am faxing to you the complete "Application for Permit to Drill". We were under the impression you already had this because according to our files this was mailed to you on October 17, 1996. This location was moved and the original "Application for Permit to Drill" was revised on November 18, 1996.

I will also mail a hard copy of this in today's mail. I apologize for any inconvenience this may have caused you and I appreciate your assistance with this matter.

Sincerely,

*Kebbie Jones
District Administrator*

Enclosures

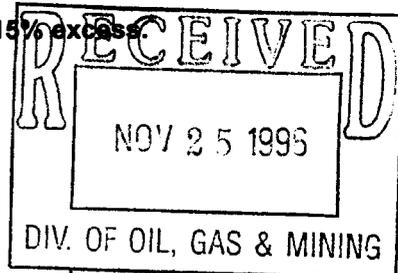
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a TYPE OF WORK DRILL [X] DEEPEN REVISED
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 790233 Vernal, UT 84079-0233 Phone: (801) 789-1866
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At Surface NE/NW At proposed Prod. Zone 645' FNL & 1778' FWL (REVISED)
12. County Duchesne 13 STATE UT
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9.2 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) 584'
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. 1254.8'
19. PROPOSED DEPTH 6500'
20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5349'
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 calculated off of the open hole logs, plus 15% excess.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.
24. SIGNED Brad Mechem by Cheryl D. Quinn TITLE District Manager DATE 11/18/96

(This space for Federal or State office use) Application approval does not warrant or certify that the applicant holds title 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 J. Matthews TITLE Petroleum Engineer DATE 11/25/96

*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.

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

5. LEASE DESIGNATION AND SERIAL NO.
U-74869

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1a. TYPE OF WORK **DRILL** **DEEPEN**
1b. TYPE OF WELL
OIL GAS SINGLE MULTIPLE
WELL WELL OTHER ZONE ZONE

7. UNIT AGREEMENT NAME

NAME OF OPERATOR
Inland Production Company

8. FARM OR LEASE NAME
Tar Sands Federal

ADDRESS OF OPERATOR
P.O. Box 790233 Vernal, UT 84079-0233 Phone: (801) 789-1866

9. WELL NO.
#3-30

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At Surface **NE/NW**
At proposed Prod. Zone **584' FNL & 1898' FWL**

10. FIELD AND POOL OR WILDCAT
Monument Butte

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

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

12. County
Duchesne 13. STATE
UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT (Also to nearest drlg. unit line, if any)
584'

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.
1254.8'

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

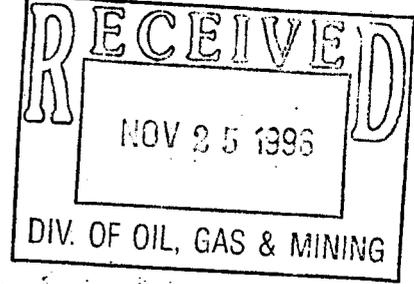
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5349'

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

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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



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

24. SIGNED Brad Mechem TITLE District Manager DATE 10/9/96

(This space for Federal or State office use)

PERMIT NO. 43-013-31755 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 11/25/96

*See Instructions On Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
Tar Sands Federal #3-30

9. API Well No.

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 (Section, T., R., M., or Survey Description)
**NE/NW 645' FNL & 1788' FWL
Sec. 30, T8S R17E**

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

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

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

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

Inland Production Company requests approval for exceptional spacing outside the drilling window for the TSF #3-30, due to the geologic reasons near this location.

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

Signature: Cheryl Cameron Title: Regulatory Compliance Specialist Date: 11/25/96
Cheryl Cameron

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

*See Instruction on Reverse Side

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #3-30
NE/NW 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' ±, and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' ±. 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 November of 1996, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #3-30
NE/NW 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 #3-30 located in the NE 1/4 NW 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 7.7 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 NW 1/4 NW 1/4 Section 30, T8S, R17E, S.L.B., and proceeds in a northeasterly direction approximately .1 mile \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 twelve (12 producing 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 #3-30.

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 south 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 northeast, between stakes 2 & 8..

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

The east corner will be rounded to avoid drainage.

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

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

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

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

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

Additional Surface Stipulations

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

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of the Tar Sands Federal #3-30, 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 #3-30, 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**

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 #3-30 NE/NW 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.

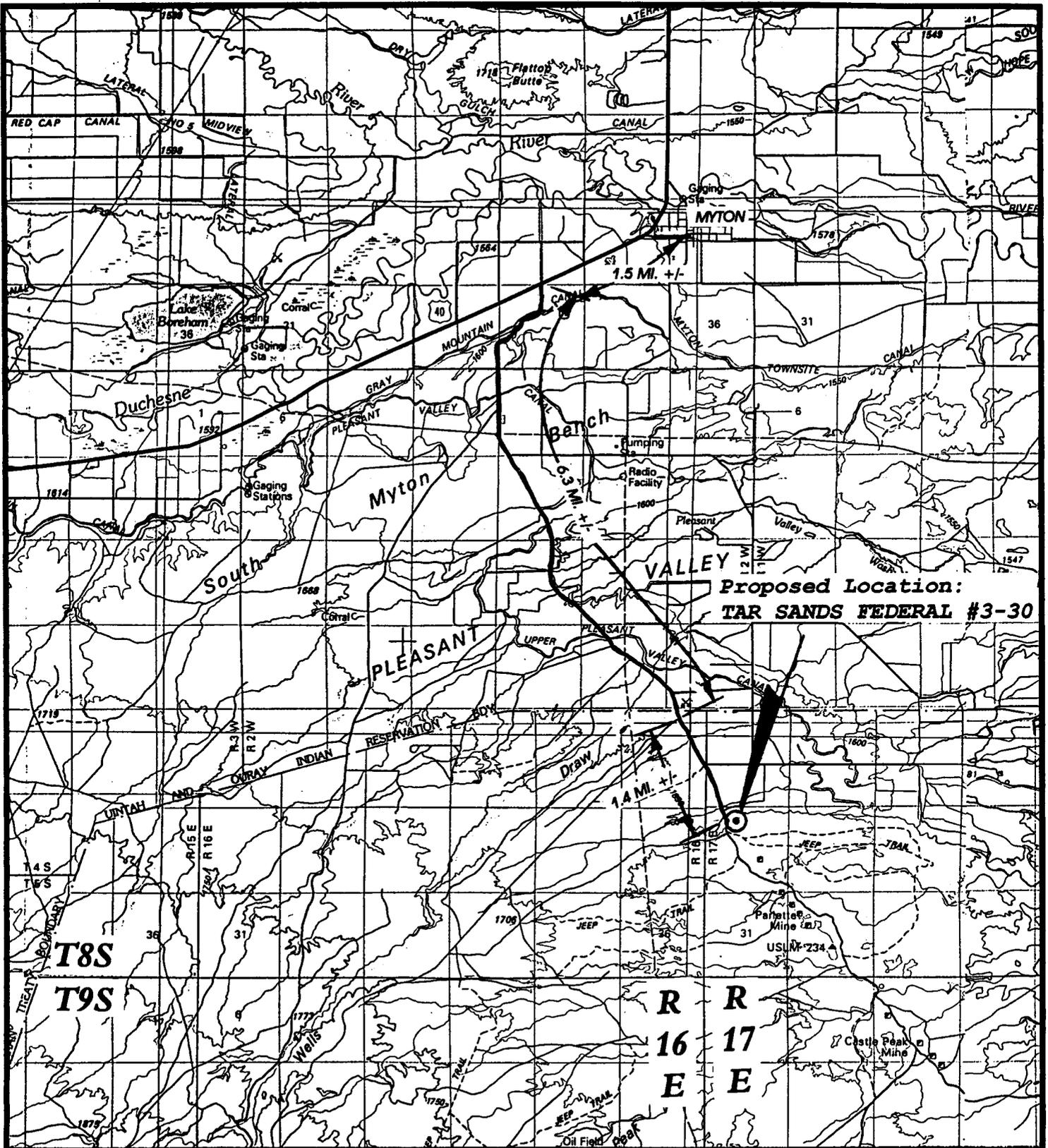
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with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

10-15-96

Date

Brad Mecham

Brad Mecham
District Manager



Proposed Location:
TAR SANDS FEDERAL #3-30

T8S
T9S

R 16
R 17
E E

UELS

**TOPOGRAPHIC
MAP "A"**

DATE: 7-19-96

Drawn by: C.G.

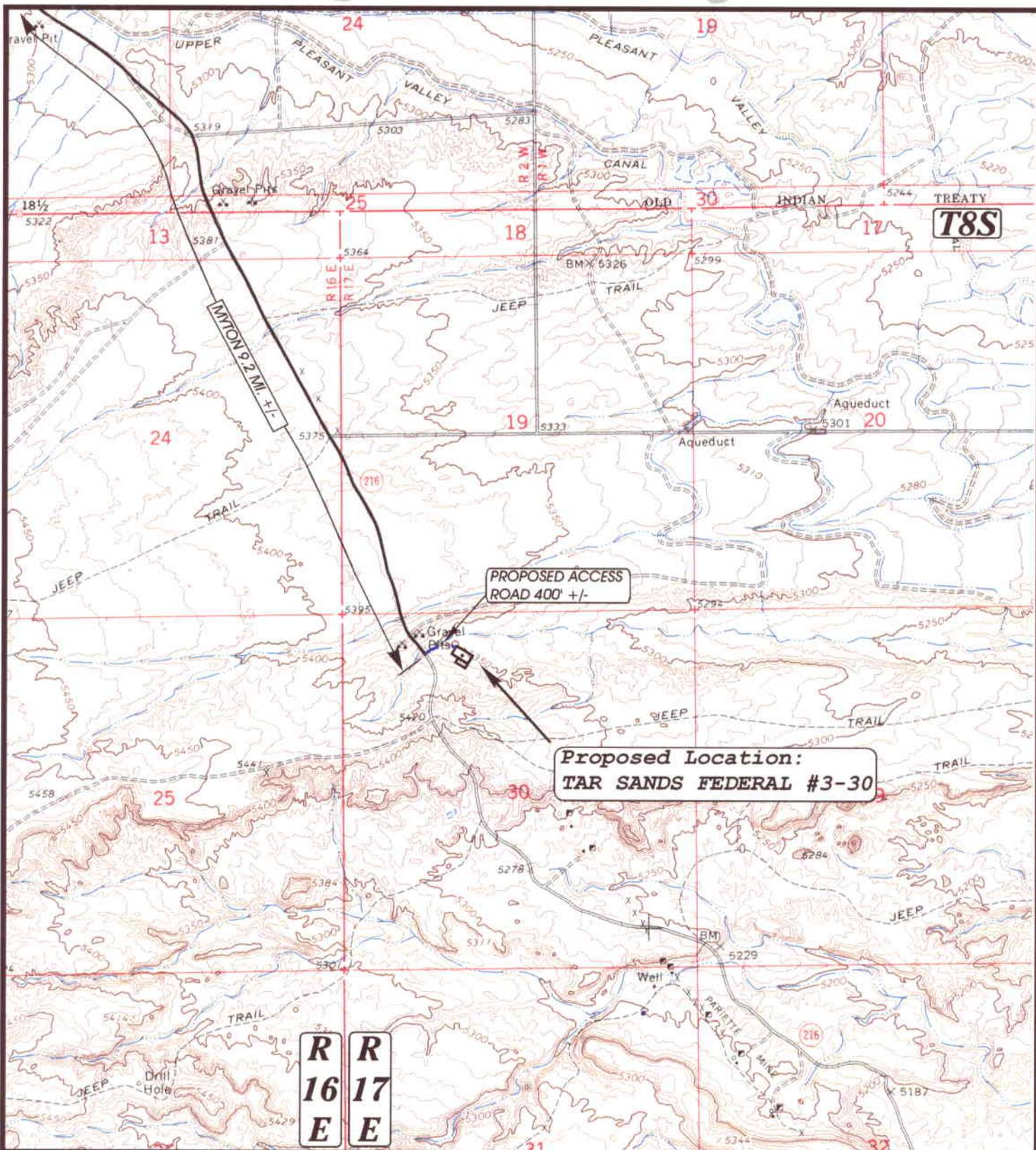
Revised: 11-15-96 D.R.B.

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



INLAND PRODUCTION COMPANY

TAR SANDS FEDERAL #3-30
SECTION 30, T8S, R17E, S.L.B.&M.
645' FNL 1778' FWL



UELS

**TOPOGRAPHIC
MAP "B"**

DATE: 7-23-96

Drawn by: D.R.B.

Revised: 11-15-96 D.R.B.

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

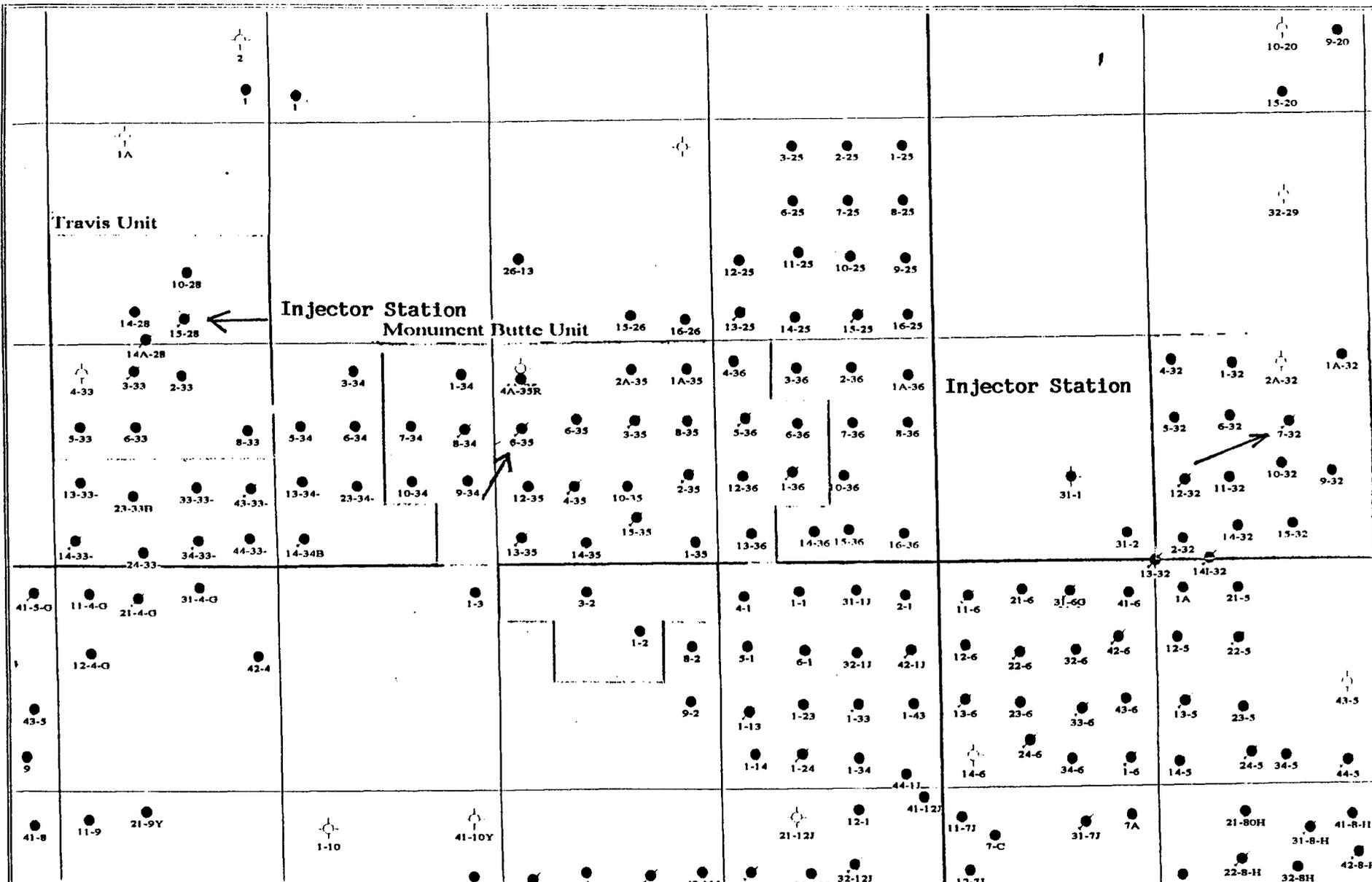


SCALE: 1" = 2000'

INLAND PRODUCTION CO.

**TAR SANDS FEDERAL #3-30
SECTION 30, T8S, R17E, S.L.B.&M.
645' FNL 1778' FWL**

EXHIBIT "C"



Inland
 475 17th Street, Suite 1500
 Denver, Colorado 80202
 Phone: (303) 291-0900

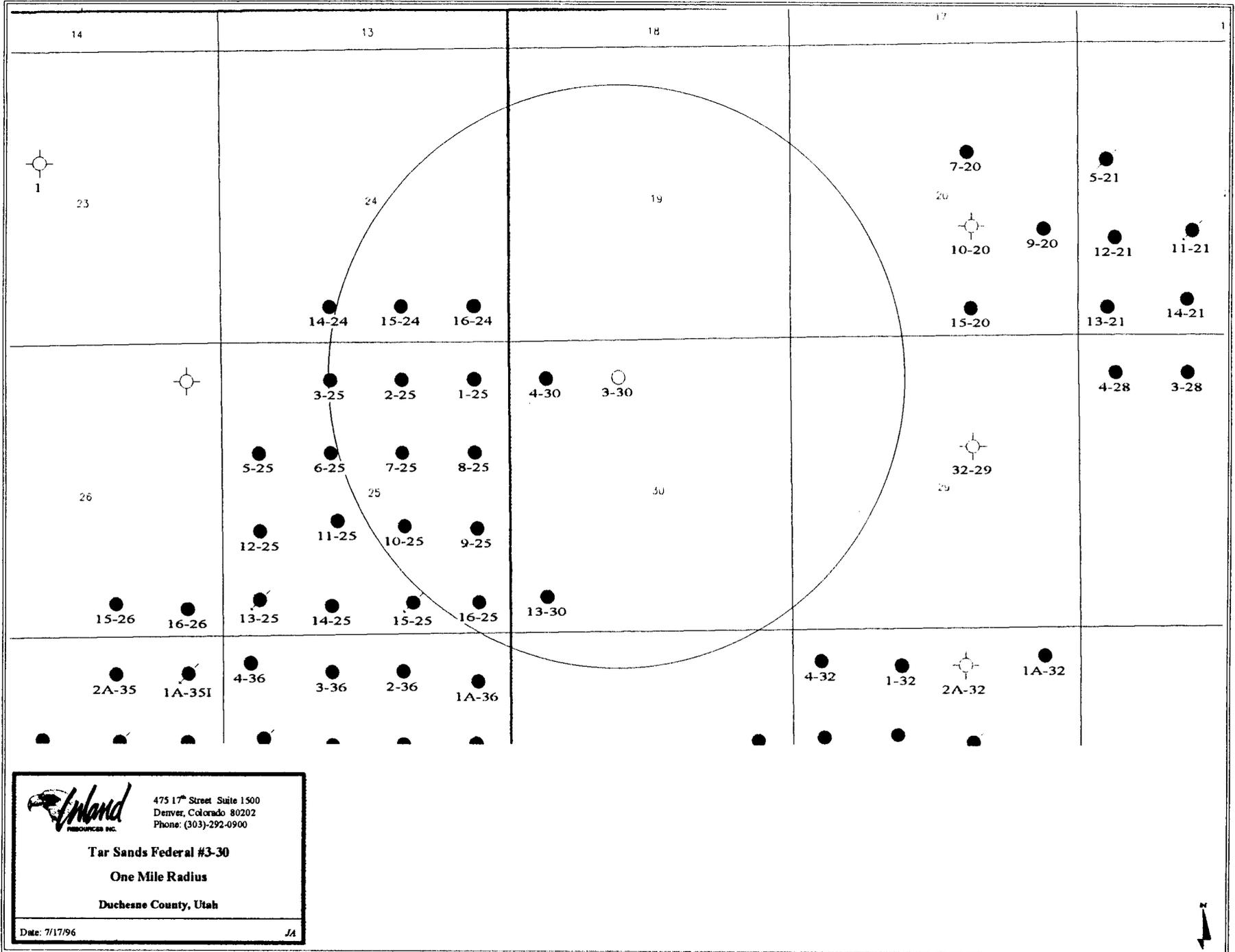
Regional Area

Duchesne Counties, Utah

Date 3/7/96 JA.



EXHIBIT "D"



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

Tar Sands Federal #3-30

One Mile Radius

Duchesne County, Utah

Date: 7/17/96

JA



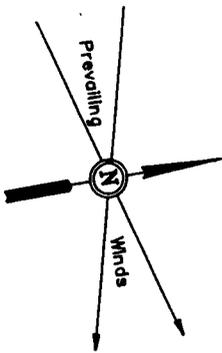
INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

TAR SAND FEDERAL #3-30
SECTION 30, T8S, R17E, S.L.B.&M.

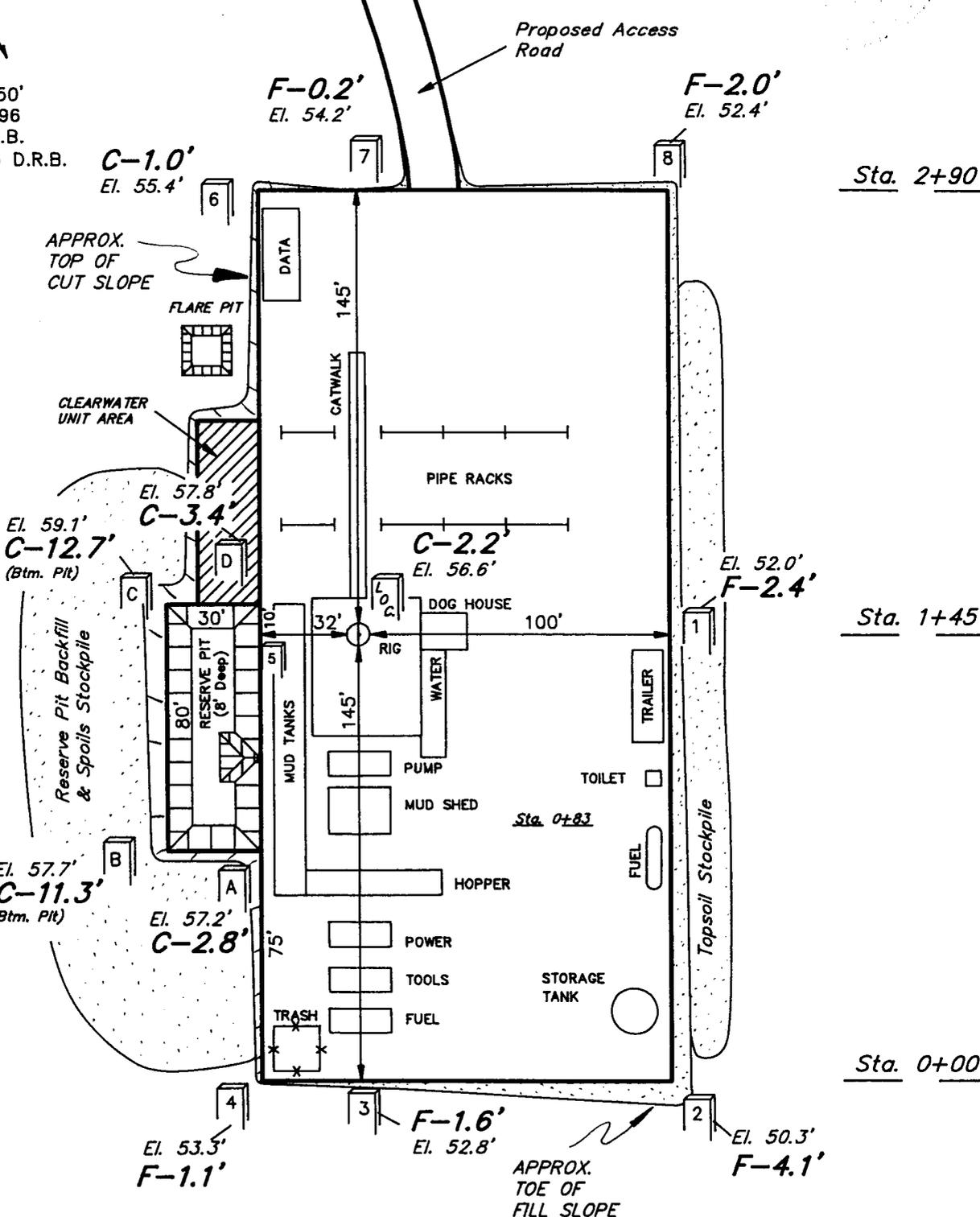
645' FNL 1778' FWL

Handwritten signature



SCALE: 1" = 50'
DATE: 7-20-96
Drawn By: D.R.B.

Revised: 11-15-96 D.R.B.



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.

Elev. Ungraded Ground at Location Stake = 5356.6'
Elev. Graded Ground at Location Stake = 5354.4'

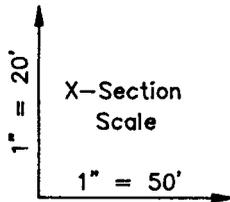
UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

INLAND PRODUCTION CO.

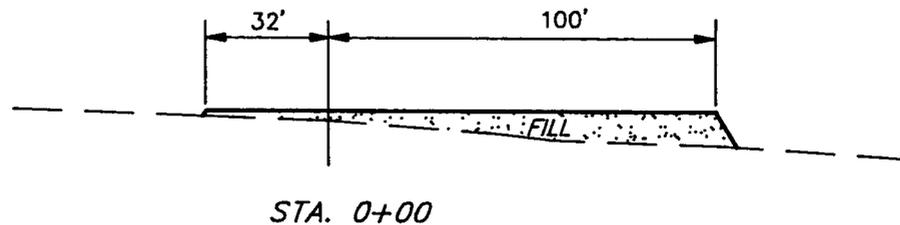
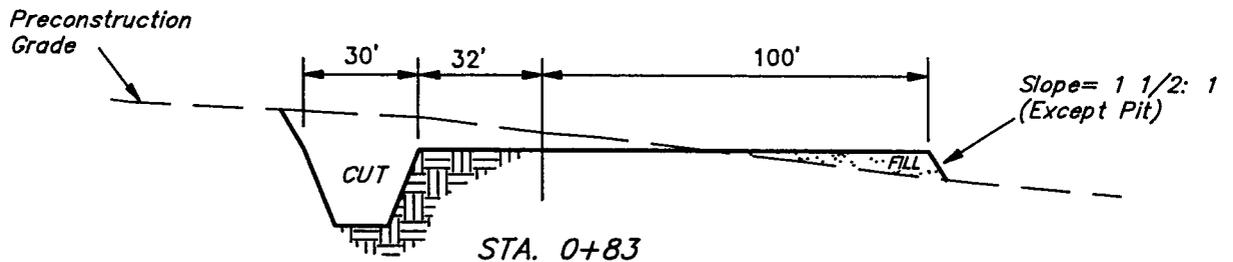
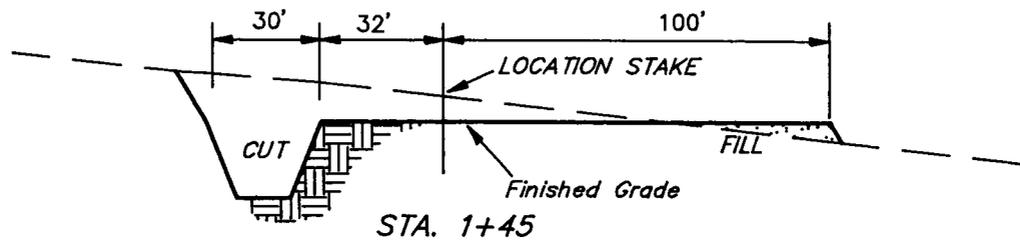
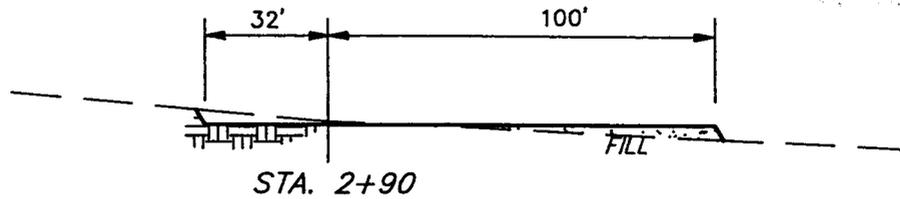
TYPICAL CROSS SECTIONS FOR

TAR SAND FEDERAL #3-30
SECTION 30, T8S, R17E, S.L.B.&M.
645' FNL 1778' FWL

Ray



DATE: 7-22-96
Drawn By: D.R.B.
Revised: 11-15-96 D.R.B.



APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 750 Cu. Yds.
Remaining Location	= 1,660 Cu. Yds.
TOTAL CUT	= 2,410 CU.YDS.
FILL	= 1,350 CU.YDS.

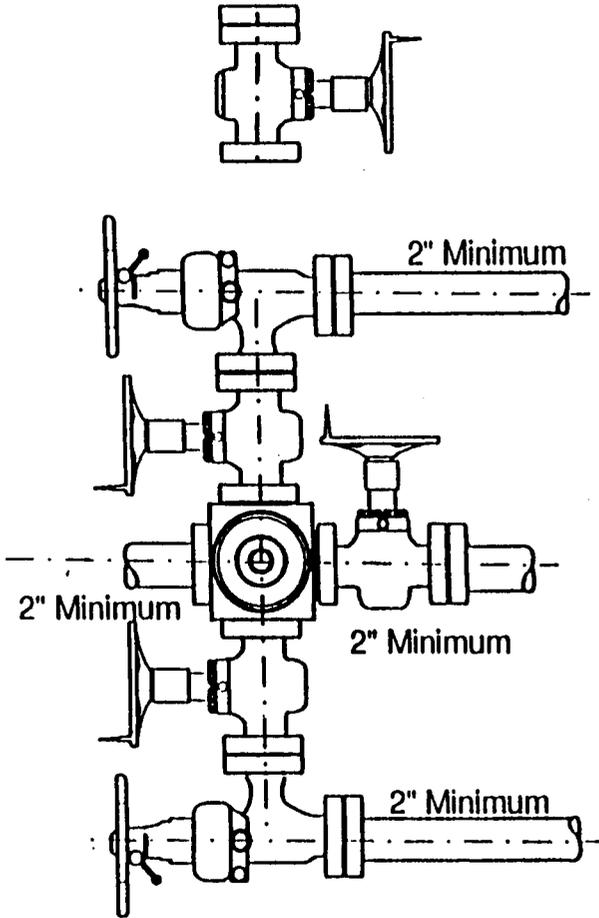
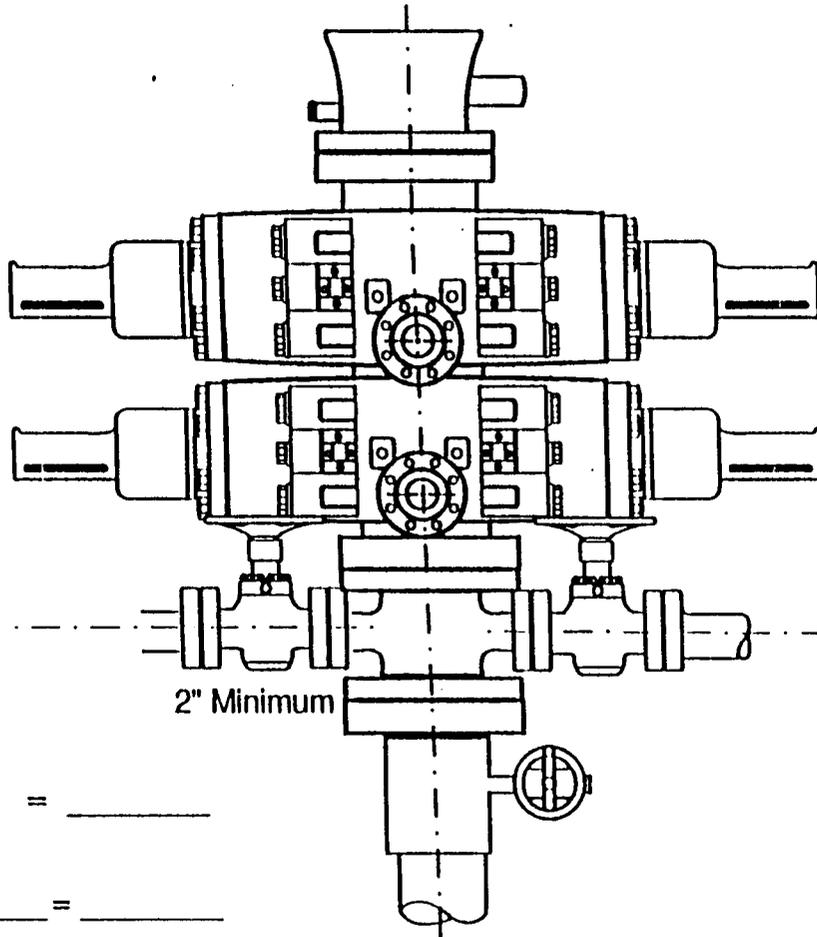
EXCESS MATERIAL AFTER 5% COMPACTION	= 990	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 990	Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 0	Cu. Yds.

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: 11/22/96

API NO. ASSIGNED: 43-013-31755

WELL NAME: TAR SANDS FEDERAL 3-30
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
 NENW 30 - T08S - R17E
 SURFACE: 0645-FNL-1778-FWL
 BOTTOM: 0645-FNL-1778-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 4488944)

Potash (Y/N)

Oil shale (Y/N)

Water permit
 (Number GILSONITE STATE 7-32)

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

LOCATION AND SITING:

___ R649-2-3. Unit: _____

___ R649-3-2. General.

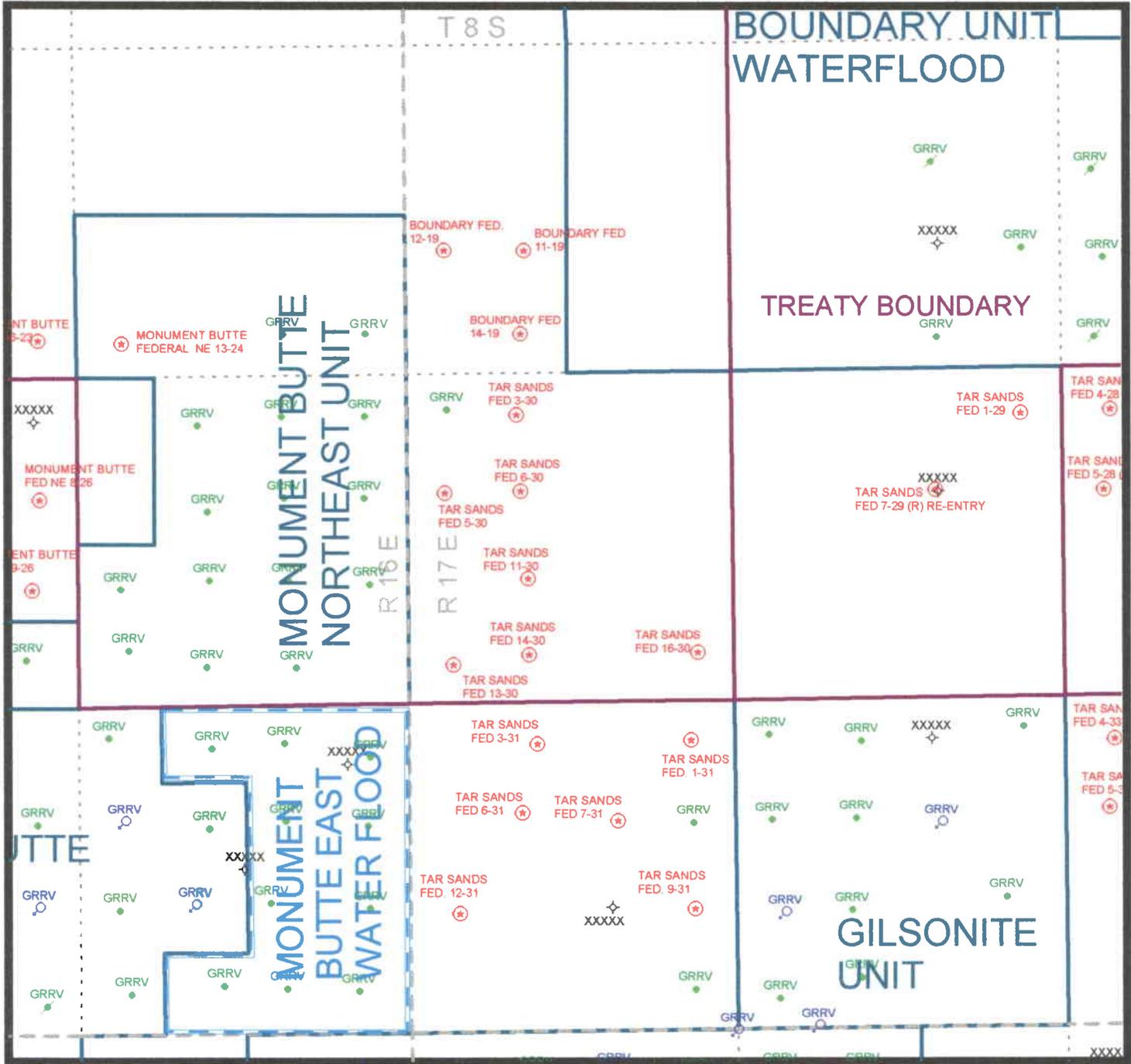
R649-3-3. Exception.

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

COMMENTS: _____

STIPULATIONS: _____

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



PREPARED:
DATE: 25-NOV-96

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: INLAND PRODUCTION	Well Name: TAR SANDS FED 3-30
Project ID: 43-013-31755	Location: SEC. 30 - T8S - R17E

Design Parameters:

Mud weight (10.00 ppg) : 0.519 psi/ft
 Shut in surface pressure : 2974 psi
 Internal gradient (burst) : 0.062 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	K-55	ST&C	6,500	4.825
	Collapse Load Strgth (psi) (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load Strgth (kips) (kips)	S.F.
1	3377	4040	1.196	3377	4810	1.42	100.75 222 2.20 J

Prepared by : MATTHEWS, Salt Lake City, Utah
 Date : 11-25-1996
 Remarks :

GRRV

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 116°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)

INLAND PRODUCTION Co
TAR SANDS FEDERAL # 3-30
SEC 30; T85; KITE
Pow

U-74869
43-013-31755

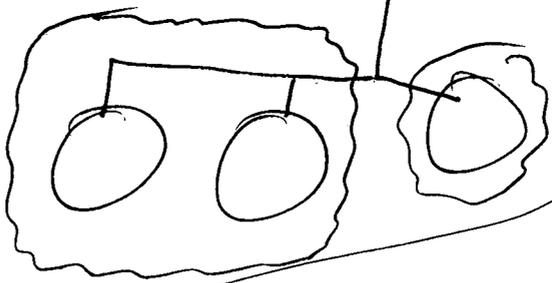
NORTH
↑

Soil
Pit

WELLHEAD
Pump
Jack

Soil
OPEN
RESERVE
PIT

TREATMENT LINE HEATER
COMBO



1/22/97
1500

[Signature]



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)

November 25, 1996

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079-0233

Re: Tar Sands Federal 3-30 Well, 645' FNL, 1778' FWL, NE NW,
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 43-013-31755.

Sincerely,

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

R. J. Firth
Associate Director

lwp

Enclosures

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



Operator: Inland Production Company
Well Name & Number: Tar Sands Federal 3-30
API Number: 43-013-31755
Lease: U-74869
Location: NE NW 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

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

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

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

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

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

NE/NW 645' FNL & 1788' 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 #3-30

9. API Well No.

43-013-31955

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

- [X] Notice of Intent [] Subsequent Report [] Final Abandonment Notice

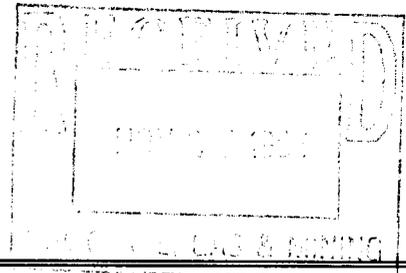
- [] Abandonment [] Recompletion [] Plugging Back [] Casing repair [] Altering Casing [X] Other Exceptional Spacing

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

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

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

Inland Production Company requests approval for exceptional spacing outside the drilling window for the TSF #3-30, due to the geologic reasons near this location.



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

Signed Cheryl Cameron

Title Regulatory Compliance Specialist

Date 11/25/96

(This space of Federal or State office use.)

Approved by [Signature]

Title Petroleum Engineer

Date 12/5/96

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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: TAR SANDS FEDERAL 3-30

Api No. 43-013-31755

Section 30 Township 8S Range 17E County DUCHESNE

Drilling Contractor _____

Rig #: _____

SPUDDED:

Date: 12/5/96

Time: 10:00 AM

How: DRY HOLE

Drilling will commence: _____

Reported by: D. INGRAM

Telephone #: _____

Date: 12/5/96 Signed: FRM

✓

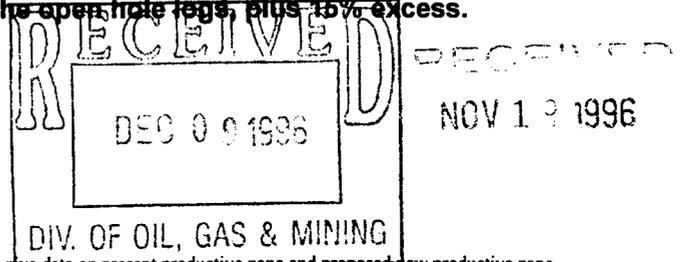
**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> REVISED <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-74869
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Inland Production Company		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079-0233 Phone: (801) 789-1866		8. FARM OR LEASE NAME Tar Sands Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface NE/NW At proposed Prod. Zone 645' FNL & 1778' FWL (REVISED)		9. WELL NO. #3-30
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9.2 Miles Southeast of Myton, Utah		10. FIELD AND POOL OR WILDCAT Monument Butte
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 584'	16. NO. OF ACRES IN LEASE 1968.01	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T8S, R17E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 1254.8'	19. PROPOSED DEPTH 6500'	12. County Duchesne
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5349'	13. STATE UT	
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* 4th Quarter 1996

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

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



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

24. SIGNED Brad Mechem *[Signature]* TITLE District Manager DATE 11/18/96

(This space for Federal or State office use)
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 NOV 26 1996

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED

*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.

DOCOM

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Fed. 3-30

API Number: 43-013-31755

Lease Number: U-74869

Location: NENW 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.

Casing Program and Auxiliary Equipment

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

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

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the shallowest potential productive zone. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

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

A cement bond log (CBL) will be run from the production casing shoe to **TOP OF CEMENT** and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. 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.

SURFACE USE PROGRAM
Conditions of Approval

-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.

MOUNTAIN PLOVERS & BURROWING OWLS

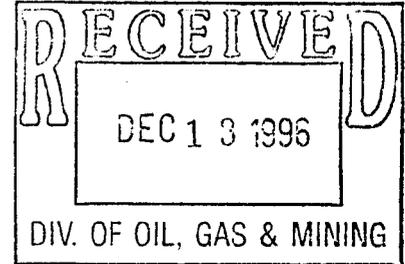
No surface disturbing activities, construction, or drilling operations including the initial completion activities are to occur on the well, access road, or location from March 15 through August 15. This restriction is to protect the nesting Mountain Plovers and Burrowing Owls located in the surrounding area. The restriction does not apply to maintenance and operation of existing wells and facilities. Waivers, exceptions, or modifications to this restriction 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.

An example of an exception: could be to contact the authorized officer of the BLM to coordinate additional surveys for mountain plover & burrowing owl. The notification will be required a minimum of 14 days prior to surface disturbance to allow time to conduct a wildlife survey. If an active nest or chicks are found, the proposed activity will be delayed until the chicks are out of downy plumage or the brood vacates the area.

-Since there are several identified archeological sites identified near this location, special care should be taken to stay within the flagged road ROW and the staked location.



December 9, 1996



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

**ATTENTION: Mike Hebertson
Frank Matthews**

**RE: Tar Sands Federal #3-30
NE/NW Sec. 30, T8S, R17E
Duchesne County, Utah**

Gentlemen,

Enclosed is the Report of Water Encountered During Drilling (Form 7), and the attached Water Analysis Report, for the Tar Sands Federal #3-30. A copy of this report, and the analysis will also be submitted to the Bureau of Land Management.

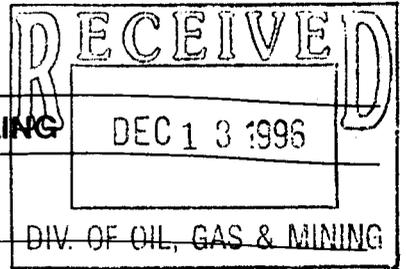
Please contact me in the Vernal Branch office (801) 789-1866 (P.O. Box 790233, Vernal, UT, 84079), if you have any questions, or need additional information.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

Attn: Tim Ingwell
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Tar Sands Federal #3-30

API number: 43-013-31755

2. Well Location: QQNENW Section 30 Township 8S Range 17E County Duchesne

3. Well operator: Inland Production Company

Address: P.O. Box 790233

Vernal, UT 84079

Phone: (801) 789-1866

4. Drilling contractor: Leon Ross

Address: P.O. Box 757

Roosevelt, UT 84066

Phone: (801) 722-4469

5. Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
0	58'	30-35 GPM	See Attached Analysis

6. Formation tops: _____

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 12/9/96

Name & Signature: Cheryl Cameron *Cheryl Cameron*

Title: Regulatory Comp. Sp.

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 12-05-96
Source TSF 3-30 Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	9.0		
2. H ₂ S (Qualitative)	0		
3. Specific Gravity	1.003		
4. Dissolved Solids		771	
5. Alkalinity (CaCO ₃)		0	
6. Bicarbonate (HCO ₃)		300	÷ 61 = 5
7. Chlorides (Cl)		210	÷ 35.5 = 6
8. Sulfates (SO ₄)		0	÷ 48 = 0
9. Calcium (Ca)		8	÷ 20 = 0
10. Magnesium (Mg)		5	÷ 12.2 = 0
11. Total Hardness (CaCO ₃)		40	
12. Total Iron (Fe)		0.8	
13. Manganese			
14. Barium (Qualitative)			
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		5		420
Na ₂ SO ₄	71.03				
NaCl	58.46		6		351

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 Sample of Water Encountered During Drilling

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

OPERATOR Inland Production Co.
 ADDRESS P.O. Box 789233
Vernal, UT 84079

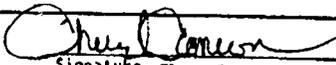
OPERATOR ACCT. NO. N. 5160

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	12044	43-013-31712	Tar Sands Federal #6-30	SE	30	8S	17E	Duchesne	12/2/96	12/2/96
WELL 1 COMMENTS: <i>Entities added 12-9-96. Jcc</i>											
*A	99999	12045	43-013-31755	Tar Sands Federal #3-30	NE	30	8S	17E	Duchesne	12/5/96	12/5/96
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3/89)


 Signature Cheryl Cameron
 RCS 12/6/96
 Title Date
 Phone No. (801) 789-1866

Inland Production Co.

FOR YOUR INFORMATION

To: **Lisha Cordova**
Company:
Fax number: **+1 (801) 359-3940**
Business phone:

From: **Cheryl Cameron**
Fax number: **+1 (801) 789-1877**
Home phone:
Business phone: **801-789-1866**

Date & Time: **12/6/96 12:26:13 PM**
Pages sent: **2**
Re: **Entity Action TSF #3-30 & TSF #6-30**

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					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
* A	99999	12045	43-013-31755	Tar Sands Federal #3-30	NENW	30	8S	17E	Duchesne	12/5/96	12/5/96
WELL 1 COMMENTS: <i>prev. added 12-5-96.</i>											
A	99999	12047	43-013-31737	S.P.V.F. #2-20	NWNE	20	9S	17E	Duchesne	12/9/96	12/9/96
WELL 2 COMMENTS: <i>Entity added 12-11-96. Jcc</i>											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - 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 COMMENTS section to explain why each Action Code was selected.

(3/89)


 Signature Cheryl Cameron
 Regulatory Compliance
 Specialist
 Title 12/10/96
 Date
 Phone No. (801) 789-1866

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

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

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

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

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

NE/NW 645' FNL & 1778' 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 3-30

9. API Well No.

43-013-31755

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

- [X] Notice of Intent
[] Subsequent Report
[] Final Abandonment Notice

- [] Abandonment
[] Recompletion
[] Plugging Back
[] Casing repair
[] Altering Casing
[X] Other Stack Rig #59

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

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

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

Inland Production Company requests authorization to stack Rig #59 w/ Caza, on the Tar Sands Federal #3-30, for approximately 30 days after the drilling operations are complete for this well, on or near December 18th or 19th, 1996.

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

Signed Cheryl Cameron Cheryl Cameron

Title Regulatory Compliance Specialist

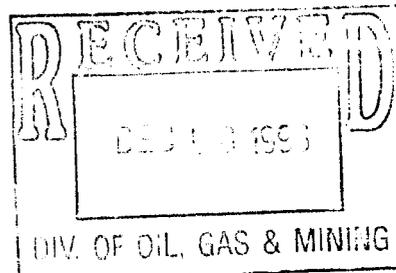
Date 12/17/96

(This space of Federal or State office use.)

Approved by Title Date

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



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No. U-74869
6. If Indian, Allottee or Tribe Name
7. If unit or CA, Agreement Designation
8. Well Name and No. Tar Sands Federal 3-30
9. API Well No. 43-013-31755
10. Field and Pool, or Exploratory Area Monument Butte
11. County or Parish, State Duchesne, UT

SUBMIT IN TRIPLICATE

1. Type of Well [X] Oil Well [] Gas well [] Other
2. Name of Operator Inland Production Company
3. Address and Telephone No. P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE/NW 645' FNL & 1778' FWL Sec. 30, T8S, R17E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION: [X] Notice of Intent, [] Subsequent Report, [] Final Abandonment Notice
TYPE OF ACTION: [] Abandonment, [] Recompletion, [] Plugging Back, [] Casing repair, [] Altering Casing, [X] Other Stack Rig #59, [] Change of Plans, [] New Construction, [] Non-Routine Fracturing, [] Water Shut-off, [] Conversion to Injection, [] Dispose Water

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

Inland Production Company requests authorization to stack Rig #59 w/ Caza, on the Tar Sands Federal #3-30, for approximately 30 days after the drilling operations are complete for this well, on or near December 18th or 19th, 1996.

14. I hereby certify that the foregoing is true and correct
Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 12/17/96

(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**

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

<p>1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other</p>	<p>5. Lease Designation and Serial No. U-74869</p>
<p>2. Name of Operator Inland Production Company</p>	<p>6. If Indian, Allottee or Tribe Name</p>
<p>3. Address and Telephone No. P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866</p>	<p>7. If unit or CA, Agreement Designation</p>
<p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NE/NW 645' FNL & 1778' FWL Sec. 30, T8S, R17E</p>	<p>8. Well Name and No. Tar Sands Federal 3-30</p>
	<p>9. API Well No. 43-013-31755</p>
	<p>10. Field and Pool, or Exploratory Area Monument Butte</p>
	<p>11. County or Parish, State Duchesne, UT</p>

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<p><input type="checkbox"/> Notice of Intent</p> <p><input checked="" type="checkbox"/> Subsequent Report</p> <p><input type="checkbox"/> Final Abandonment Notice</p>	<p><input type="checkbox"/> Abandonment</p> <p><input type="checkbox"/> Recompletion</p> <p><input type="checkbox"/> Plugging Back</p> <p><input type="checkbox"/> Casing repair</p> <p><input type="checkbox"/> Altering Casing</p> <p><input checked="" type="checkbox"/> Other <u>Spud Notification</u></p>	<p><input type="checkbox"/> Change of Plans</p> <p><input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Non-Routine Fracturing</p> <p><input type="checkbox"/> Water Shut-off</p> <p><input type="checkbox"/> Conversion to Injection</p> <p><input type="checkbox"/> Dispose Water</p>

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

Drilled 12 1/4" hole w/ Leon Ross Rathole Rig to 305'. Set 294.37' (GL), of 8 5/8" 24# J-55 csg. Cmt w/ 120 sx prem + w/ 2% CaCl, 2% gel + 1/4#/sk flocele.

SPUD 12/5/96

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

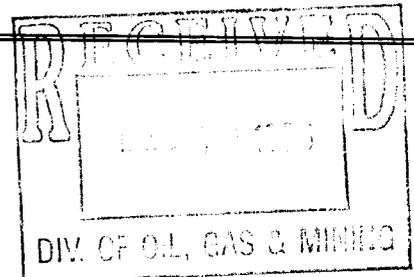
Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **12/10/96**
Cheryl Cameron

(This space of Federal or State office use.)

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

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*See Instruction on Reverse Side



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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No. U-74869
6. If Indian, Allottee or Tribe Name
7. If unit or CA, Agreement Designation
8. Well Name and No. Tar Sands Federal 3-30
9. API Well No. 43-013-31755
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/NW 645' FNL & 1778' 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 12/13/96 - 12/19/96:

Drilled 7 7/8" hole from 305' - 6250' w/ Caza, Rig #59. Set 6261' (KB) of 5 1/2" 15.5# J-55 csg. Cmt w/ 20 bbls dye flush, 20 bbls gel flush, lead w/ 460 sx Hibond 65 modified, followed by 470 sx Thixo w/ 10% CalSeal. Displace w/ 148 bbls Clayfix. Full returns w/ dye & gel to surface.

RDMOL

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

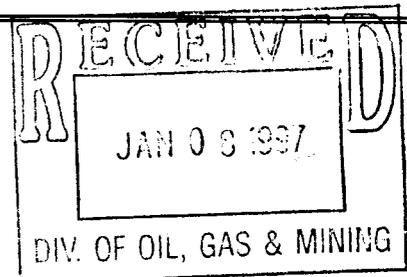
Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **12/31/96**
Cheryl Cameron

(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.

*See Instruction on Reverse Side



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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Tar Sands Federal 3-30

9. API Well No.

43-013-31755

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/NW 645' FNL & 1778' 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 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

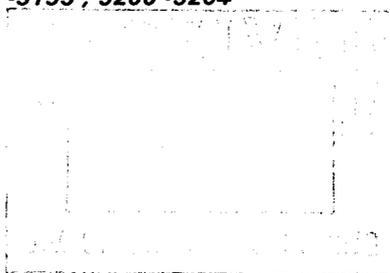
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 1/13/97 - 1/21/97:

Perf LDC sd @ 5735'-5747'

Perf D sd @ 5131'-5140', 5143'-5149', 5192'-5195', 5200'-5204'



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

Signed

Cheryl Cameron
Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

1/21/97

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas well Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

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

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

**NE/NW 645' FNL & 1778' 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 3-30

9. API Well No.

43-013-31755

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>On Production</u>	<input type="checkbox"/> Dispose Water

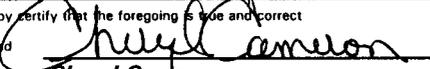
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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)

RIH w/ Production String. On Production 1/21/97

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

Signed


Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

1/30/97

(This space for Federal or State office use.)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly 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/NW
 At top prod. interval reported below 645' FNL & 1778' FWL
 At total depth

14. PERMIT NO. 43-013-31755 DATE ISSUED 11/26/96

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.
#3-30

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 12/5/96 16. DATE T.D. REACHED 12/18/96 17. DATE COMPL. (Ready to prod.) 1/21/97 18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 5349' GR 19. ELEV. CASINGHEAD ---

20. TOTAL DEPTH, MD & TVD 6250' 21. PLUG. BACK T.D., MD & TVD 6219' 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)* 5735'-5747', 5131'-5140', 5143'-5149', 5192'-5195', 5200'-5204' Green River 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, DLL, CNL 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#	293 GL	12 1/4	120 sx Prem + w/2% CC, 2% gel	gel + 1/2# / sk flocele
5 1/2	15.5#	6261' KB	7 7/8	20 bbls dye flush, 20 bbls 460 sx hibond 65 & 470 sx CalSeal	gel flush & Thixo w/ 10%

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

31. PERFORATION RECORD (Interval, size and number)
LDC 5735'-5747'
D 5131'-5140', 5143'-5149', 5192'-5195', 5200'-5204'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) See Back AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION 1/21/97 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2 1/2" X 1 1/2" X 12' X 16' RHAC pump WELL STATUS (Producing or shut-in) producing

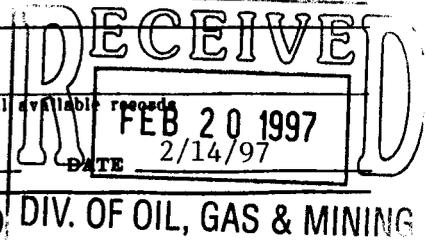
DATE OF TEST 10 Day Avg HOURS TESTED 1/97 CHOKES SIZE N/A PROD'N. FOR TEST PERIOD → OIL—BBL. 109 GAS—MCF. 172 WATER—BBL. 4 GAS-OIL RATIO 1.6

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 FEB 20 1997 2/14/97



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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	4421'		#32.			
Poing 3 Mkr	4711'					
X Mkr	4944'		Perf LDC sd @ 5735'-5747'			
Y Mkr	4976'		Frac w/ 96,000# 20/40 sd in 553 bbls boragel			
Douglas Ck Mkr	5100'					
Bicarbonate Mkr	5358'		Perf D sd @ 5131'-5140', 5143'-5149'			
B Limestone Mkr	5495'		5192'-5195', 5200'-5204'			
Castle Peak	6001'					
Basal Carbonate	NDE					

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company

Well: Tar Sands Fed. 3-30

Location: 30/8S/17E Sand Wash

API: 43-013-31620

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 BLM land. All lands in the one-half mile radius of the well are BLM. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent to unitize the area and initiate a secondary recovery project.

Well Integrity: The proposed well has surface casing set at 292 feet and is cemented to surface. A 5 ½ inch production casing is set at 6261 feet and has a cement top at the surface. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set approximately 50 feet above the injection zone. A mechanical integrity test will be run on the well prior to injection. There is 1 producing well and 1 plugged and abandoned well in the area of review. The producing well has adequate casing and cement and the plugged well has adequate plugs. 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 5131-5439). Information submitted by Inland indicates that the fracture gradient for the 5-30 well is .83 psig/ft. The resulting fracture pressure is 2087 psig. The requested maximum pressure was 2087 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.

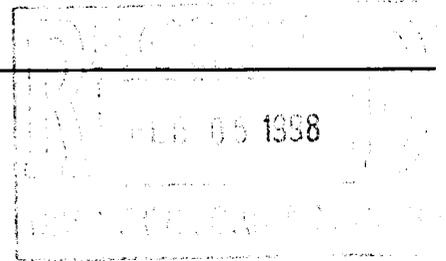
Oil/Gas & Other Mineral Resources Protection: Correlative rights and other interests will be addressed at the hearing on October 22, 1997. Previous reviews in the area indicate that all other interests have been protected.

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. Approval for this well was requested as part of the approval for the project. Testimony will be given at the hearing regarding correlative rights and other legal issues. If there are no objections at the hearing it is recommended that the well be approved as part of the project. Conditions of approval as set forth are: A casing tubing pressure test be run prior to injection, maximum surface pressure limited to 2087 psi., rate will be limited by pressure and Inland will adhere to all operational procedures as written in there 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: 10/15/97



January 22, 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 #3-30
Monument Butte Field, 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 #3-30 from a producing oil well to a water injection well in the Monument Butte (Green River) Field;
2. Installation of an injection flowline. The existing water injection line leaves the facility and proceeds in an east/west direction. The existing water injection line is a 6" line that carries water to the Boundary Unit. Inland proposes to install an injection line that would tie into the existing line from the Tar Sands Federal #3-30. The line would run 680' in a northwesterly direction, and 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) 376-8117.

Sincerely,

Kevin S. Weller
Senior Reservoir Engineer



INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
TAR SANDS FEDERAL #3-30
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #U-74869
JANUARY 22, 1998

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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company
ADDRESS 475 17th Street, Suite 1500, Denver, CO 80202

Well Name and number: Tar Sands Federal #3-30
Field or Unit name: Tar Sands (Green River) Unit Lease No. U-74869
Well Location: QQ NENW 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: 1/14/98
API number: 43-013-31755

Proposed injection interval: from 5131' to 5747'
Proposed maximum injection: rate 500 bpd pressure 1872 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: Kevin S. Weller Signature 
Title Senior Reservoir Engineer Date 1/23/98
Phone No. (303) 376-8131

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

Comments:

Tar Sands Federal #3-30

Spud Date: 12/13/96
 Put on Production: 1/21/97
 GL: 5349' KB: 5362'

Initial Production: 109 BOPD,
 172 MCFPD, 4 BWPD

Proposed Injection Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (294.37')
 DEPTH LANDED: 293' 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: 148 jts (6262.80')
 DEPTH LANDED: 6261'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 460 sk Hibond mixed & 470 sxs thixotropic
 CEMENT TOP AT: 691' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 202 jts
 TUBING ANCHOR: 5692'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5816')
 SN LANDED AT: 5754'

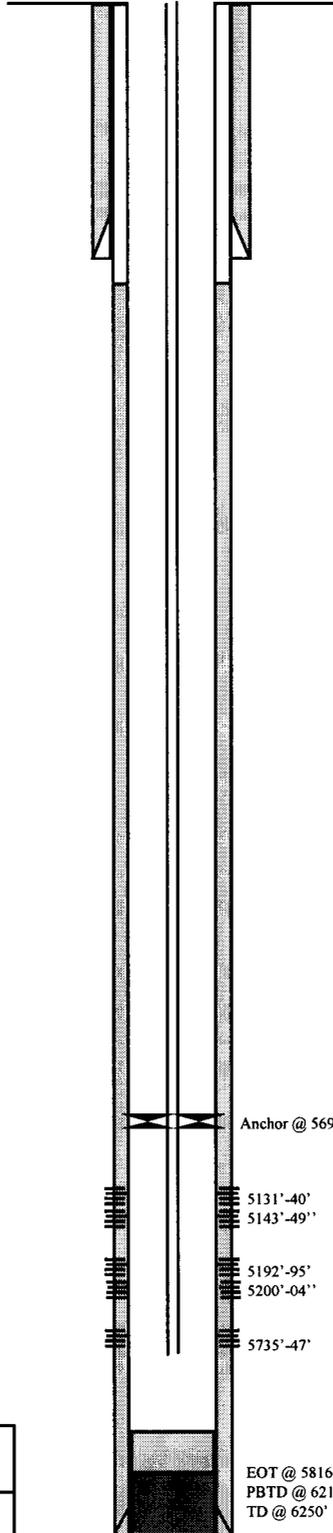
SUCKER RODS

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

FRAC JOB

1/15/97 5735'-5747' **Frac A-3 sand as follows:**
 96,000# of 20/40 sand in 553 bbls of Boragel. Breakdown @ 3000 psi. Treated @ avg rate of 25.5 bpm w/avg press of 2450 psi. ISIP-1' 927 psi, 5-min 1812 psi. Flowback on 12/64" ck for 4 hours and died.

1/17/97 5131'-5204' **Frac D-1 and D-2 sands as follows:**
 75,800# of 20/40 sand in 468 bbls of Boragel. Breakdown @ 2892 psi. Treated @ avg rate of 23 bpm w/avg press of 1600 psi. ISIP-1903 psi, 5-min 1869 psi. Flowback on 12/64" ck for 4 hours and died.



PERFORATION RECORD

Date	Interval	Tool	Holes
1/14/97	5735'-5747'	4 JSPF	48 holes
1/17/97	5131'-5140'	4 JSPF	36 holes
1/17/97	5143'-5149'	4 JSPF	24 holes
1/17/97	5192'-5195'	4 JSPF	12 holes
1/17/97	5200'-5204'	4 JSPF	16 holes



Inland Resources Inc.

Tar Sands Federal #3-30

584 FNL 1898 FWL

NENW Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31755; Lease #U-74869

WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

Inland Production Company
475 17th Street, Suite 1500
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 #3-30 from a producing oil well to a water injection well in the Monument Butte (Green River) Field; and to install an injection line. The existing water injection line leaves the facility and proceeds in an east/west direction. The existing water injection line is a 6" line that carries water to the Boundary Unit. Inland proposes to install an injection line that would tie into the existing line from the Tar Sands Federal #3-30. The line would run 680' in a northwesterly direction, and 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 #3-30 well, the proposed injection zone is from 5131'-5747'. 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 5100'

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

The referenced log for the Tar Sands Federal #3-30 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 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 293' GL, and the 5-1/2" casing run from surface to 6261' 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 1872 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 #3-30, for proposed zones (5131' – 5747') calculates at .80 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 1872 psig. See Attachment G, G-1, and G-2.

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 #3-30, the injection zone (5131'-5747') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31', and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-9.

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

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

See Attachment C.

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

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



TAR SANDS
DUCHESNE COUNTY, UTAH
MINERAL RIGHTS

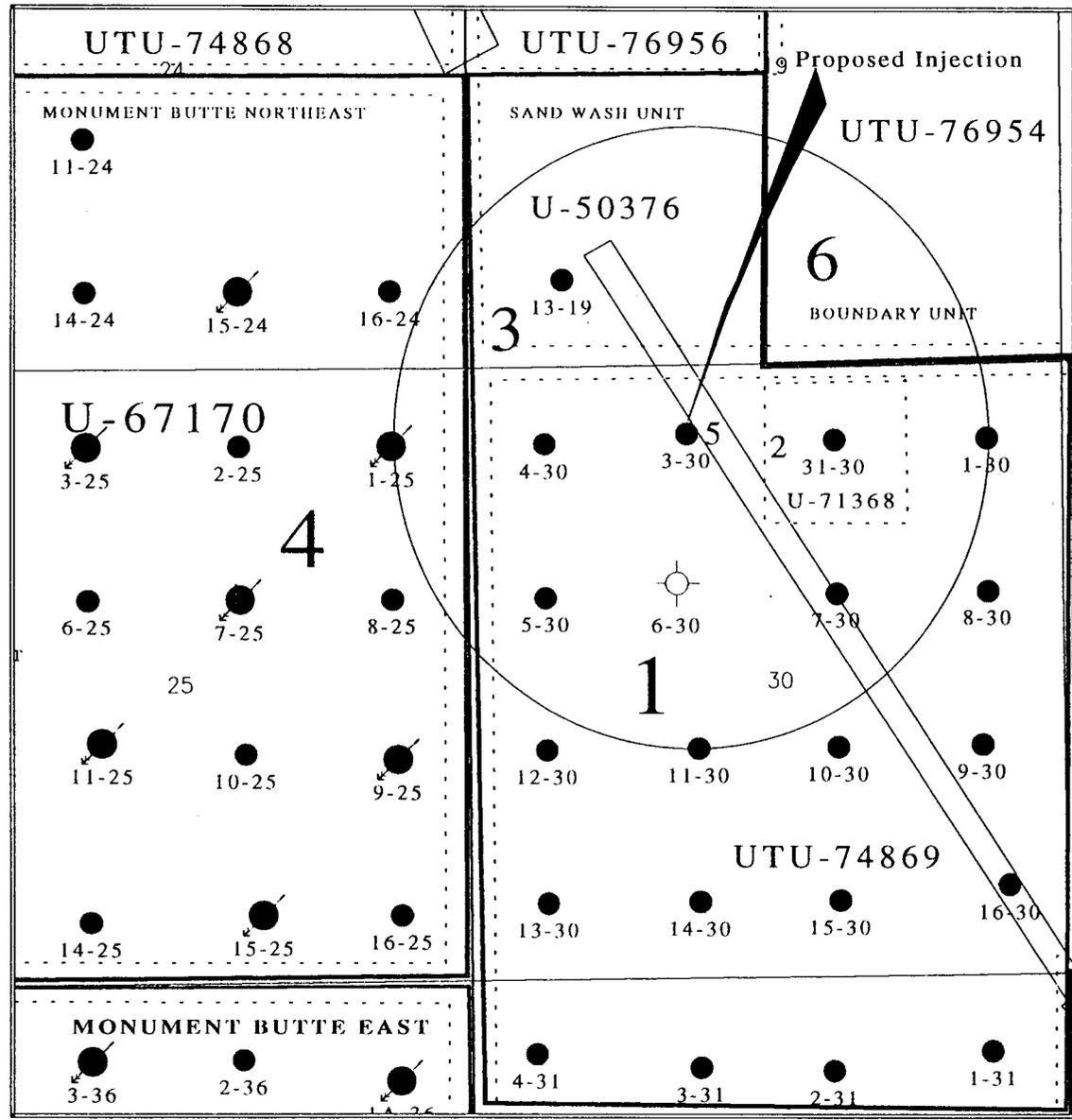
(GRAZING RIGHTS ONLY)
 LESSEE:
 ELMER MOON & SONS

EXHIBIT

Legend

-  PRODUCING WELL
-  EXISTING INJECTION WELL
-  DRY HOLE

TAR SANDS FEDERAL 3-30 5362 TD



Attachment A

Attachment A-1

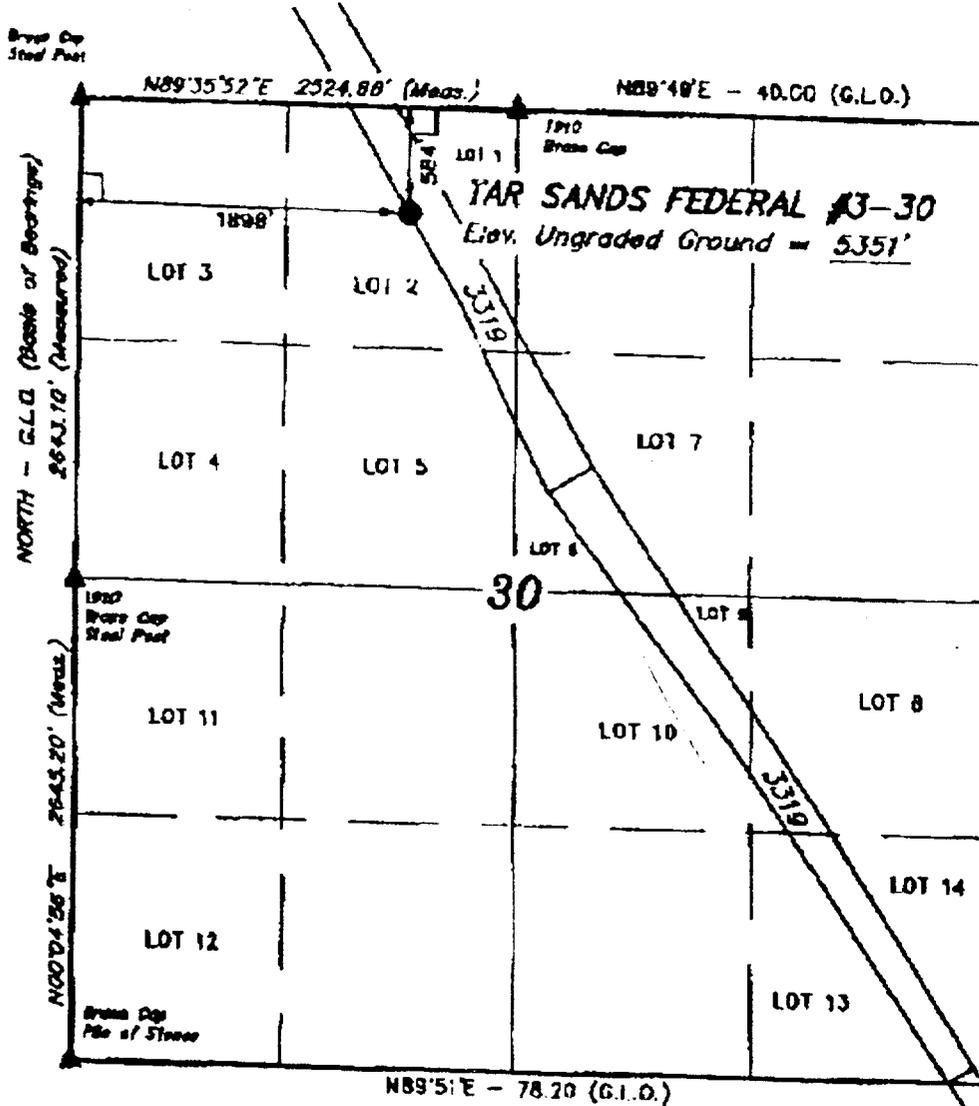
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

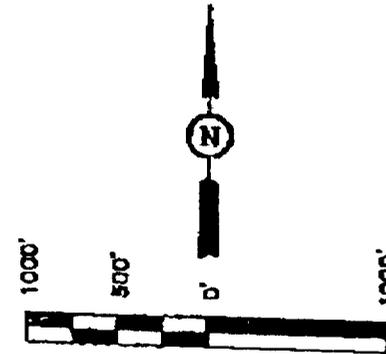
Well location, TAR SANDS FEDERAL #3-30, located as shown in Lot 2 of Section 30, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 30, T8S, R17E, S.L.B.&M. TAKEN FROM THE NYTON SE TRIANGULAR, 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.

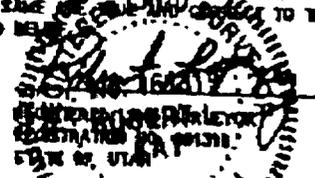


N00°03'30\"/>



CERTIFICATE

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



LEGEND:

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

UNITAB ENGINEERING & SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 788-1017		
SCALE 1" = 1000'	DATE SURVEYED: 7-18-96	DATE DRAWN: 7-19-96
PARTY J.F. D.C. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

NOV-06-1996 12:51 FROM INLAND RESOURCES TO 18017891877 P.01

EXHIBIT B

Page 1 of 2

Tract	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights Grazing Rights Leased by
1	Township 8 South, Range 17 East Section 29: All Section 30: Lots 1-14, E/2NE/4 E/2SW/4, SW/4SE/4 Section 31: Lot 1-5, W/2E/2, SE/4NE/4, E/2W/2, NE/4SE/4	UTU-74869 HBP	Inland Production Company	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons
2.	Township 8 South, Range 17 East Section 30: NW/4NE/4	U-71368 HBP	Snyder Oil Corporation	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons
3.	Township 8 South, Range 16 East Section 19: Lot 3-5, E/2, NE/4SW/4	U-50376 HBP	Inland Production Company	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons

Attachment B
(Pg 1 of 2)

EXHIBIT B

Page 2 of 2

Tract	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights Grazing Rights Leased by
4.	Township 8 South, Range 16 East Section 24: S/2 Section 25: NE/4, E/2NW/4, S/2 Section 26: S/2SE/4	U-67170 HBP	Inland Production Company	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons
5.	Township 8 South, Range 17 East Sections 19, 30 & 31	Raven, Blackbird and Brunette Mining Claims	Kaiser-Francis Oil Company	
6.	Township 8 South, Range 17 East Section 17: All Section 18: Lots 1 & 2 Section 19: E/2 Section 20: All Section 21: NW/4, S/2	UTU-76954 HBP	Inland Production Company	(Surface Rights) USA Inland Resources Inc. Pride Lane Farm (Grazing Rights) Elmer Moon & Sons

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 #3-30

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.

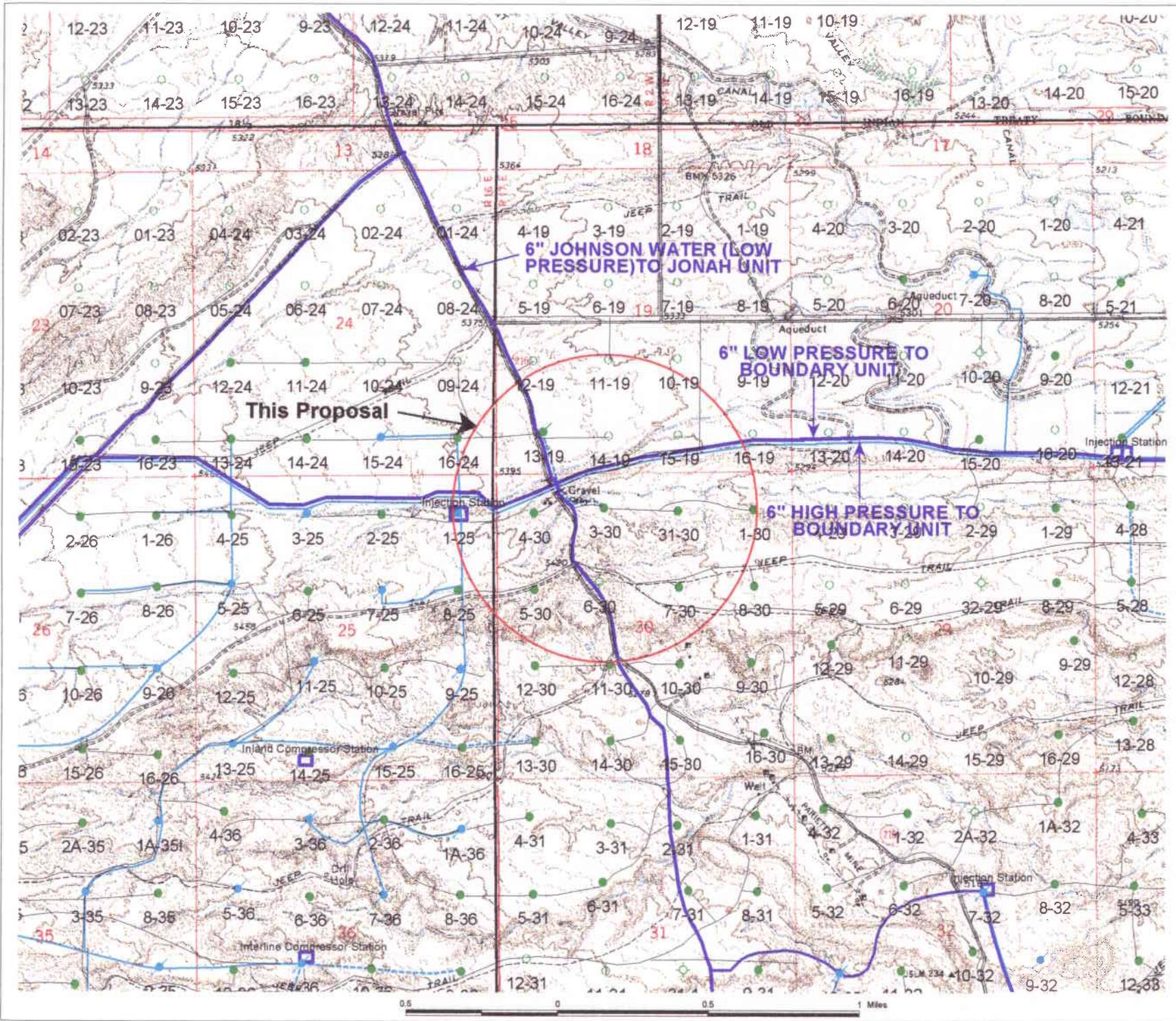
Signed: 
Inland Production Company
Kevin S. Weller
Senior Reservoir Engineer

Sworn to and subscribed before me this 22nd day of January, 1998.

Notary Public in and for the State of Utah: 



My Commission Expires 11/14/2000



This Proposal

6" JOHNSON WATER (LOW PRESSURE) TO JONAH UNIT

6" LOW PRESSURE TO BOUNDARY UNIT

6" HIGH PRESSURE TO BOUNDARY UNIT

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

LYNTA BASIN
The Lynta & Jonah Complex, Utah

Attachment D



Tar Sands Federal #3-30

Spud Date: 12/13/96
 Put on Production: 1/21/97
 GL: 5349' KB: 5362'

Initial Production: 109 BOPD,
 172 MCFPD, 4 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (294.37')
 DEPTH LANDED: 293' 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: 148 jts (6262.80')
 DEPTH LANDED: 6261'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 460 sk Hibond mixed & 470 sxs thixotropic
 CEMENT TOP AT: 691' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 202 jts
 TUBING ANCHOR: 5692'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5816')
 SN LANDED AT: 5754'

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 12 x 16 RHAC
 STROKE LENGTH: 100"
 PUMP SPEED, SPM: 7 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

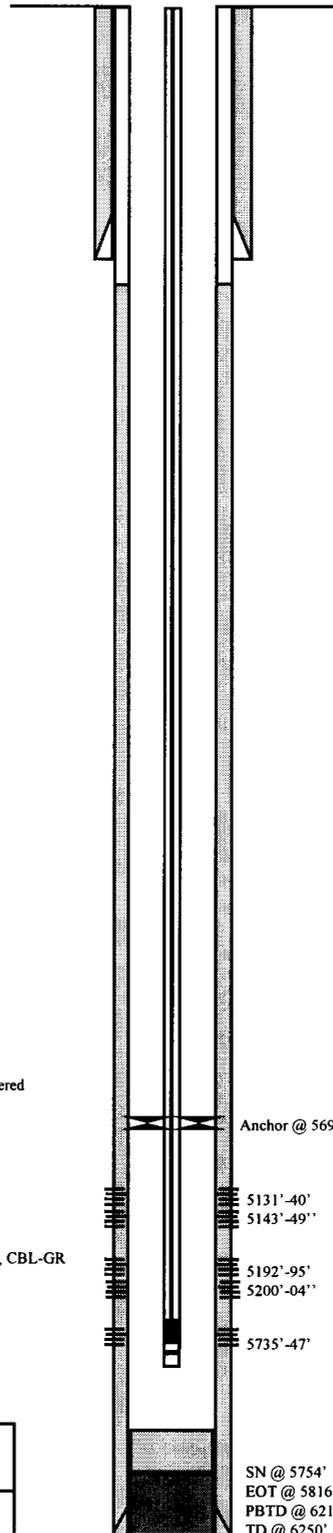
FRAC JOB

1/15/97 5735'-5747' **Frac A-3 sand as follows:**
 96,000# of 20/40 sand in 553 bbls of Boragel. Breakdown @ 3000 psi. Treated @ avg rate of 25.5 bpm w/avg press of 2450 psi. ISIP-1' 927 psi, 5-min 1812 psi. Flowback on 12/64" ck for 4 hours and died.

1/17/97 5131'-5204' **Frac D-1 and D-2 sands as follows:**
 75,800# of 20/40 sand in 468 bbls of Boragel. Breakdown @ 2892 psi. Treated @ avg rate of 23 bpm w/avg press of 1600 psi. ISIP-1903 psi, 5-min 1869 psi. Flowback on 12/64" ck for 4 hours and died.

PERFORATION RECORD

1/14/97	5735'-5747'	4 JSPF	48 holes
1/17/97	5131'-5140'	4 JSPF	36 holes
1/17/97	5143'-5149'	4 JSPF	24 holes
1/17/97	5192'-5195'	4 JSPF	12 holes
1/17/97	5200'-5204'	4 JSPF	16 holes





Inland Resources Inc.

Tar Sands Federal #3-30

584 FNL 1898 FWL

NENW Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31755; Lease #U-74869

Boundary Federal #13-19

Spud Date: 6/5/23/97
Put on Production: --/--/--
GL: 5379' KB: 5392'

Initial Production: BOPD,
MCFPD, BWPD

Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (287.64')
DEPTH LANDED: 285.69'(GL)
HOLE SIZE: 12-1/4"
CEMENT DATA: 120 sxs Premium cmt, est 5 bbls cmt to surf.

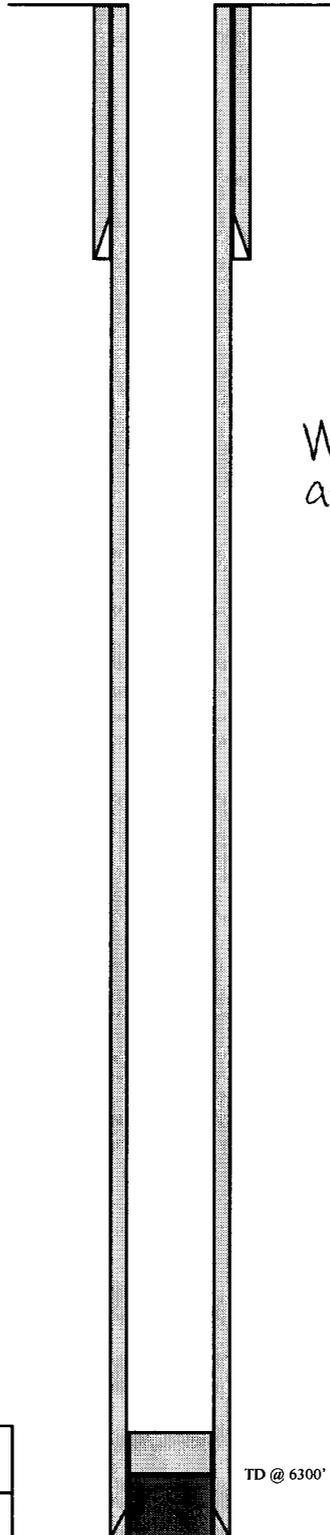
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 149 jts. (6262.16')
DEPTH LANDED: 6300.38'
HOLE SIZE: 7-7/8"
CEMENT DATA: 490 sk Hibond mixed & 400 sxs thixotropic
CEMENT TOP AT: Surface per CBL

TUBING

SUCKER RODS

PERFORATION RECORD



Waiting on completion
as an injection well.



Inland Resources Inc.

Boundary Federal #13-19

742 FSL 823 FWL

SWSW Section 19-T8S-R17E

Duchesne Co, Utah

API #43-013-31625; Lease #U-50376

TD @ 6300'

Monument Butte Federal #1-25

Spud Date: 4/17/96
 Put on Injection: 5/28/97
 GL: 5398' KB: 5411'

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

Injector Wellbore
 Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 304'
 DEPTH LANDED: 303'
 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: 146 jts.
 DEPTH LANDED: 6246.44'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sk Hyfill mixed & 355 sxs thixotropic
 CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / ?#
 NO. OF JOINTS: 162 jts
 PACKER :?
 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

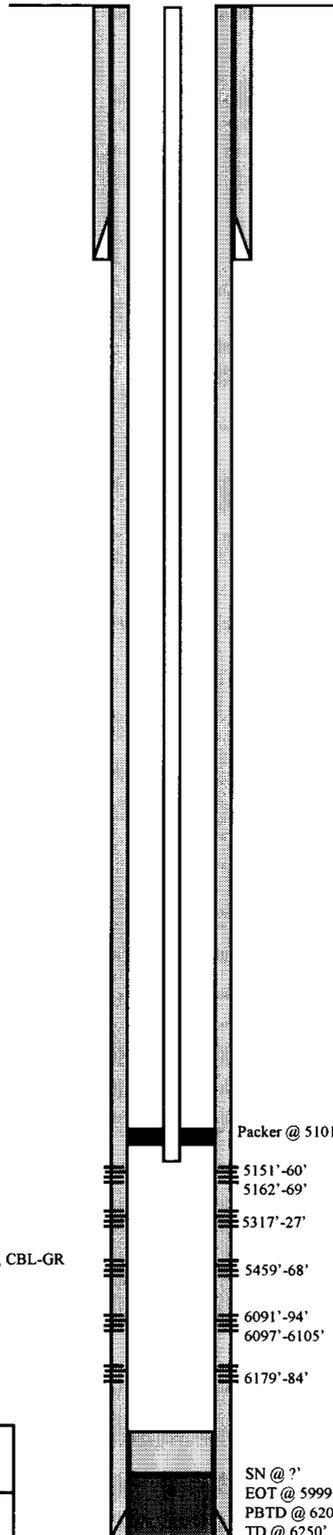
FRAC JOB

4/30/96 6091'-6184' **Frac CP-4 and CP-2 sand as follows:**
 83,400# 20/40 sd in 523 bbls Boragel.
 Breakdown @ 1801 psi. ISIP 1760 psi, 5-
 min 1631 psi. Flowback after 5 min SI on
 16/64" ck @ 1.6 bpm.

5/2/96 5459'-5468' **Frac B-2 sand as follows:**
 50,000# of 20/40 sd in 353 bbls Boragel.
 Breakdown @ 1008 psi. Treated @ avg
 rate 16.8 bpm, avg press 1450#. ISIP-
 2256 psi, 5-min 2042 psi. Flowback on
 16/64" ck @ 1 bpm.

5/4/96 5317'-5327' **Frac C sand as follows:**
 57,400# of 20/40 sd in 383 bbls of
 Boragel. Frmin broke @ 1797#. Avg
 treating press 1450# @ 162 bpm. ISIP-
 1820 psi, 5-min 1698 psi. Start flowback
 on 16/64" ck @ 1.5 bpm.

5/7/96 5151'-5160' **Frac D-1 sand as follows:**
 56,400# of 20/40 sd in 379 bbls of
 Boragel. Breakdown @ 1794 psi, treat @
 avg rate 18.5, avg press 1300 psi. ISIP-
 1843 psi, 5-min 1775 psi. Start flowback
 on 16/64" ck @ 1.7 bpm, flowed for 1-
 1/4 hours & died.



PERFORATION RECORD

4/25/96	6179'-6184'	4 JSPF	? holes
4/25/96	6091'-6094'	4 JSPF	? holes
4/25/96	6097'-6105'	4 JSPF	? holes
5/1/96	5459'-5468'	4 JSPF	36 holes
5/3/96	5317'-5327'	4 JSPF	40 holes
5/6/96	5151'-5160'	4 JSPF	36 holes
5/6/96	5162'-5169'	4 JSPF	28 holes

Packer @ 5101'

5151'-60'
 5162'-69'
 5317'-27'
 5459'-68'
 6091'-94'
 6097'-6105'
 6179'-84'

SN @ ?'
 EOT @ 5999'
 PBTD @ 6202'
 TD @ 6250'



Inland Resources Inc.

Monument Butte Federal #1-25

660 FNL 660 FEL

NENE Section 25-T8S-R16E

Duchesne Co, Utah

API #43-013-31608; Lease #U-67170

Tar Sands Federal #1-30

Spud Date: 8/16/97
 Put on Production: 9/16/97
 GL: 5280' KB: 5292'

Initial Production: NA BOPD,
 NA MCFPD, NA BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (299.16')
 DEPTH LANDED: 308.91'(GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Premium cmt, est 9 bbls cmt to surf.

PRODUCTION CASING

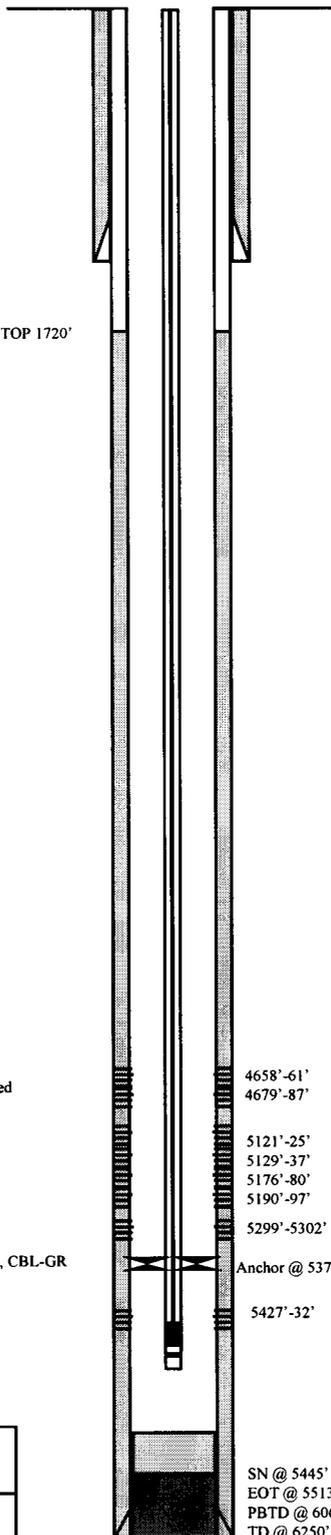
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts. (6227')
 DEPTH LANDED: 6237'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 310 sk HiBond mixed & 330 sxs thixotropic
 CEMENT TOP AT: 1720' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/M-50 tbg.
 NO. OF JOINTS: 173 jts.
 TUBING ANCHOR: 5379'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5513'
 SN LANDED AT: 5445'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22" polished rod.
 SUCKER RODS: 4-3/4" guided, 113-3/4" plain rods, 95-3/4" scraped
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2 x 1-1/2 z 12 x 15 RHAC pump
 STROKE LENGTH: 72"
 PUMP SPEED, SPM: 9-1/2 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR



FRAC JOB

9/06/97 5299'-5432' **Frac C/B sands as follows:**
 111,100# of 20/40 sand in 548 bbls of Boragel. B-sand brokedown @ 3500 psi and C-sand brokedown @ 1400 psi. Treated w/avg pressure of 2230 psi @ avg rate of 36 bpm. ISIP-2471 psi. 5-min 2309 psi. Flowback on 12/64" ck for 4-1/2 hours until dead.

9/09/97 5121'-5197' **Frac D sands as follows:**
 105,500# of 20/40 sand in 513 bbls of Boragel. Broke down @ 2020 psi. Treated w/avg press of 1550 psi @ avg rate of 28.2 bpm. ISIP 2005 psi, 5-min 1940 psi. Start Flowback on 12-64" ck for 2 hrs and died.

9/11/97 4658'-4687' **Frac GB sands as follows:**
 88,900# of 20/40 sand in 461 bbls of Boragel. Breakdown @ 2843 psi. Treated @ avg rate of 24 bpm w/avg press of 2200 psi. ISIP-2414 psi, 5-min SI: 2383 psi. Flowback on 12/64" ck for 1/2 hr and dead.

PERFORATION RECORD

Date	Interval	ISIP	Rate	Pressure	Notes
9/06/97	5427'-5432'	4 JSPF	NA	NA	holes
9/06/97	5299'-5302'	4 JSPF	NA	NA	holes
9/09/97	5190'-5197'	4 JSPF	NA	NA	holes
9/09/97	5176'-5180'	4 JSPF	NA	NA	holes
9/09/97	5190'-5137'	4 JSPF	NA	NA	holes
9/09/97	5121'-5125'	4 JSPF	NA	NA	holes
9/11/97	4679'-4687'	4 JSPF	NA	NA	holes
9/11/97	4658'-4661'	4 JSPF	NA	NA	holes



Inland Resources Inc.

Tar Sands Federal #1-30

1980 FSL 1980 FEL

NENW Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31898; Lease #U-74869

Tar Sands Federal #4-30

Spud Date: 5/18/96
 Put on Production: 6/26/96
 GL: 5378' KB: 5391'

Initial Production: 224 BOPD,
 140 MCFPD, 8 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (287.64')
 DEPTH LANDED: 285.69' 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: 148 jts. (6255.57')
 DEPTH LANDED: 6251.57'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 290 sk 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: 147 jts
 TUBING ANCHOR: 4600'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5291')
 SN LANDED AT: 5134'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-3/4" scraped, 101-3/4" slick rods, 96-3/4" scraped
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 15 RHAC
 STROKE LENGTH: 52"
 PUMP SPEED, SPM: 8 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

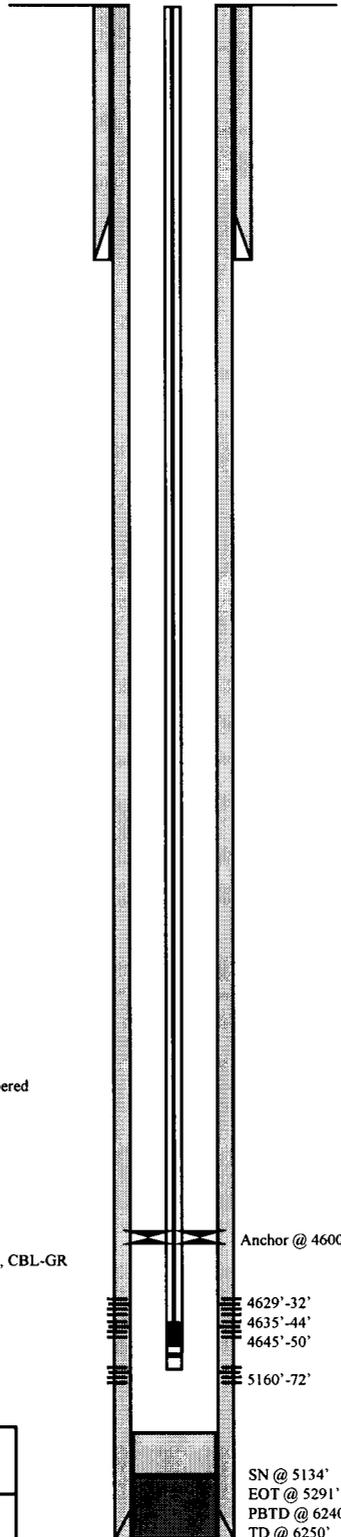
FRAC JOB

6/19/96 5160'-5172' **Frac D-1 sand as follows:**
 94,400# 20/40 sand in 470 bbls of Boragel. Breakdown @ 1613 psi, treated @ avg rate 18.3 bpm w/avg press of 1670 psi. ISIP 1947 psi, 5-min 1877 psi. Start flowback on 16/64" ck after 5 min. Flowed for 3 hrs and died.

6/21/96 4629'-4650' **Frac GB-4 sand as follows:**
 95,400# of 20/40 sand in 491 bbls of Boragel. Breakdown @ 1777 psi. Treated @ avg rate 18.2 bpm w/avg press of 1470 psi. ISIP-2166 psi 5-min 1637 psi. Flowback after 5 min on 16/64" ck. Flowed for 5-1/2 hrs & died.

PERFORATION RECORD

6/18/96	5160'-5172'	4 JSPF	48 holes
6/20/96	4629'-4632'	4 JSPF	12 holes
6/20/96	4635'-4644'	4 JSPF	36 holes
6/20/96	4645'-4650'	4 JSPF	20 holes





Inland Resources Inc.

Tar Sands Federal #4-30

559 FNL 643 FWL

NWNW Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31621; 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

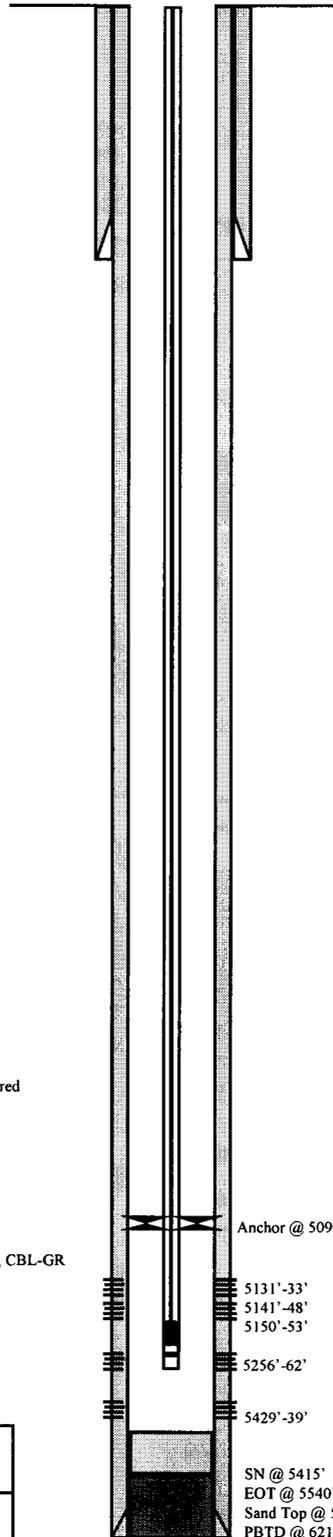
9/11/96 5429'-5439' **Frac B-1 sand as follows:**
 71,700# of 20/40 sand in 442 bbls of Boragel. Breakdown @ 2111 psi. Treated @ avg rate of 20.2 bpm w/avg press of 1500 psi. ISIP-2297 psi, 5-min 2000psi. Flowback on 12/64" ck for 3 hrs and died.

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

Initial Production: NONE

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

Plugging Diagram

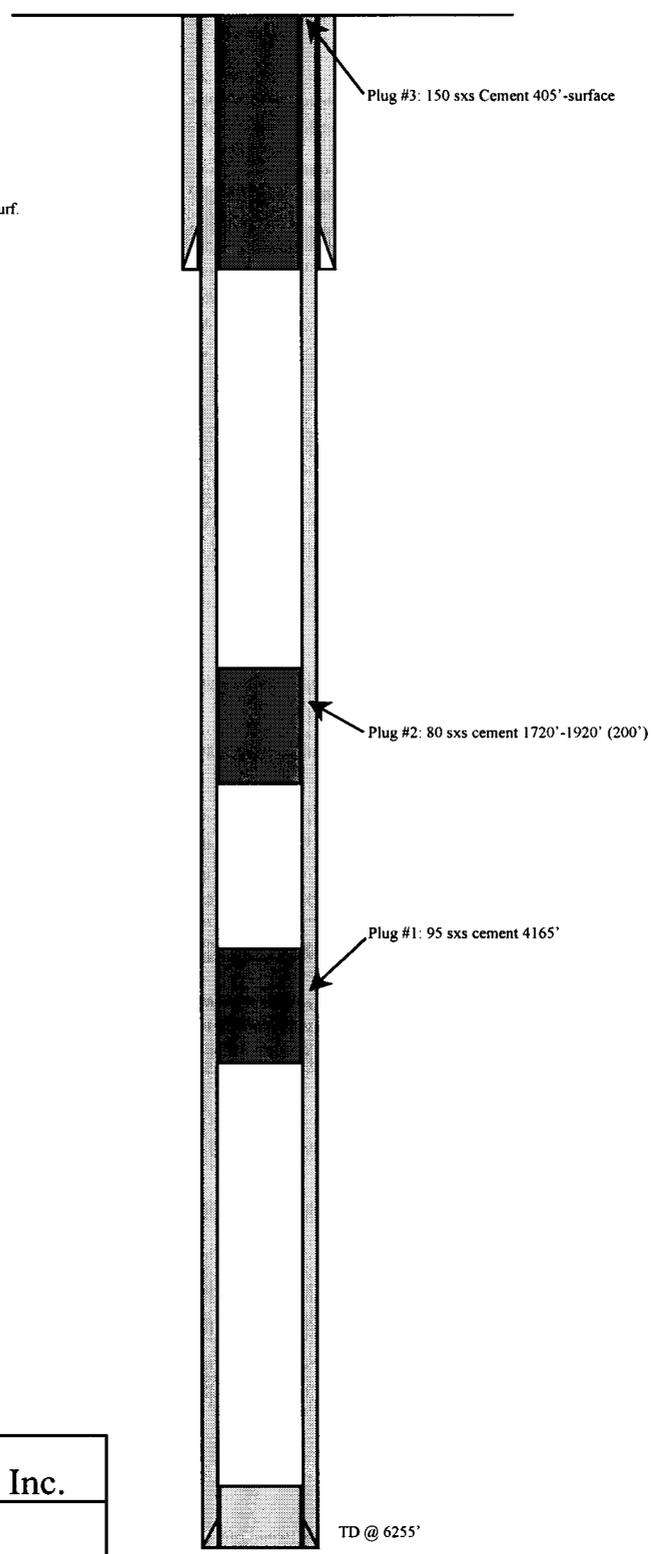
SURFACE CASING

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

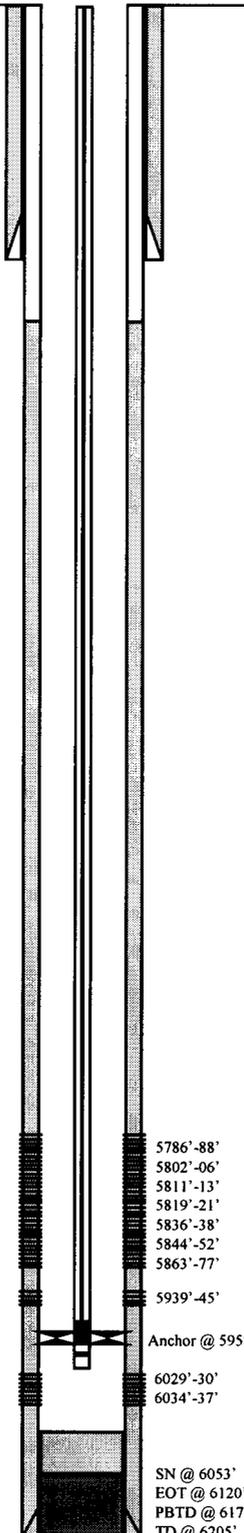
FRAC JOB

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 #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 bbbs 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 bbbs of Borugel. 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 bbbs of Borugel. 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.

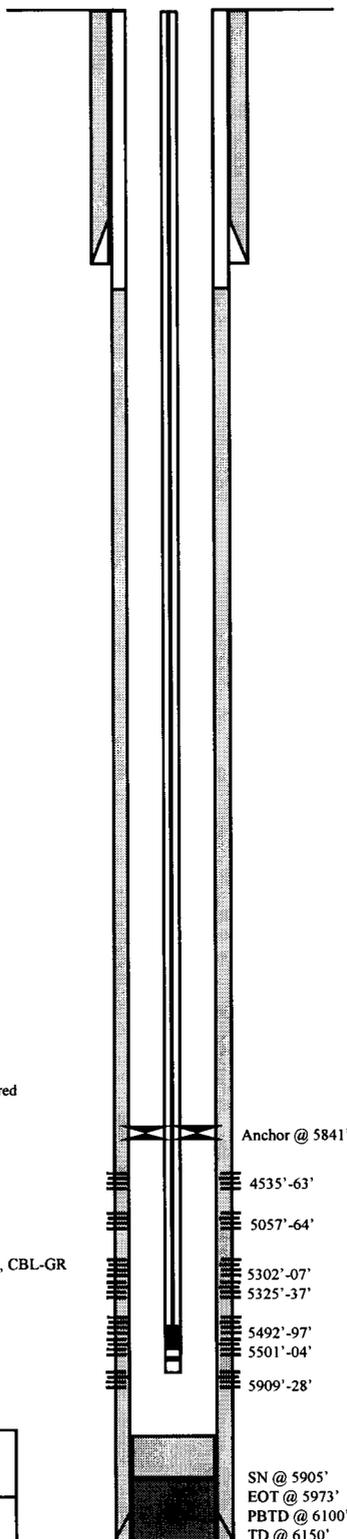
1/8/97 5302'-5337' **Frac B-1 sand as follows:**
 79,800# of 20/40 sand in 459 bbbs of Borugel. Breakdown @ 3745 psi. Treated @ avg rate of 20.1 bpm w/avg press of 2200 psi. ISIP-2295, 5-min 2105 psi. Flowback on 12/64" ck for 2 hours and died.

1/9/97 5057'-5064' **Frac D-2 sand as follows:**
 80,400# of 20/40 sand in 475 bbbs of Borugel. 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 bbbs of Borugel. 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

Harbourtown Federal #31-30

Spud Date: 3/27/97
 Put on Production: 5/2/97
 GL: 5321' KB:

Initial Production: 100 BOPD,
 50 MCFPD, 20 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (291')
 DEPTH LANDED: 301' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 190 sxs Class "G" to surface.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 17#
 LENGTH: 144 jts
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 380 sx 65/35 POZ & 450 sx Thixotropic
 CEMENT TOP AT: 300' per CBL
 DEPTH LANDED: 6104'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 145 jts (5451.66')
 TUBING ANCHOR: 4512.44'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: ?
 SN LANDED AT: 5414.23''

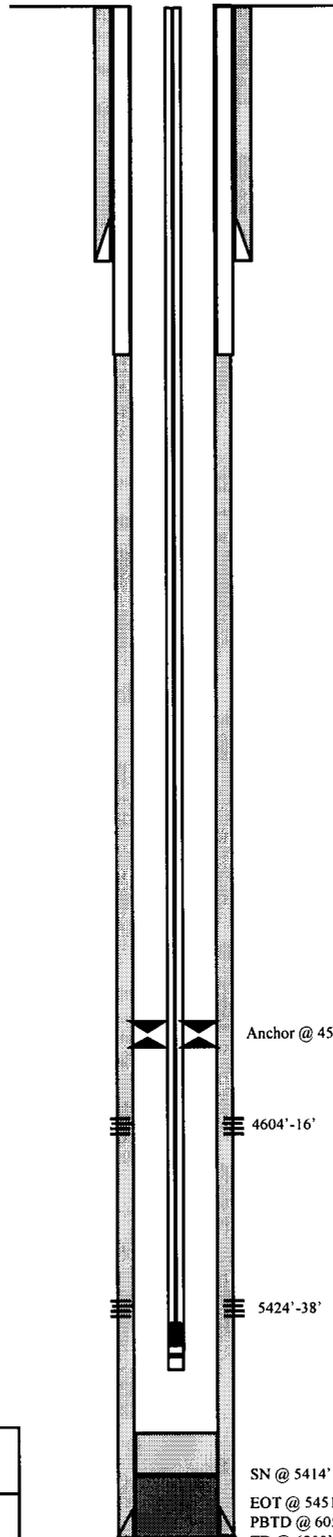
SUCKER RODS

POLISHED ROD: 1-1/2"x22'
 SUCKER RODS:
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2"x1-1/2"x15' RHAC
 STROKE LENGTH:
 PUMP SPEED, SPM:
 LOGS: DIL/FDC-CNL/CBL

FRAC JOB

4-97 5424'-5438' **Frac as follows:**
 85,500# of 20/40 sand in 496 bbls of X-Link gelled water. ISIP-1881 psi, 5 min 1700 psi. Treated well w/avg press of 1700 psi w/avg rate of 22.5 BPM.

4-97 4604'-4616' **Frac as follows:**
 81,000# 20/40 sand in 439 bbls of X-Link gelled water. ISIP-2399 psi. Treated well w/avg press of 2250 w/avg rate of 18.5 BPM.



PERFORATION RECORD

4-97	5424'-5438'	4 JSPF	56 holes
4-97	4604'-4616'	4 JSPF	48 holes



Inland Resources Inc.

Harbourtown Federal #31-30

665 FNL 1989 FEL

NWNE Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31758; Lease #U-71368

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Attachment F
RECEIVED JUN - 4 1997

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

WATER ANALYSIS REPORT

Company INLAND Address _____ Date 05-08-97
Source JOHNSON WATER Date Sampled 05-08-97 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>8.5</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>974</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>0</u>	÷ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>490</u>	÷ 61 <u>8</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>71</u>	÷ 35.5 <u>2</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>130</u>	÷ 48 <u>3</u> SO ₄
10. Calcium (Ca)	Ca	<u>48</u>	÷ 20 <u>2</u> Ca
11. Magnesium (Mg)	MG	<u>24</u>	÷ 12.2 <u>2</u> Mg
12. Total Hardness (CaCO ₃)		<u>220</u>	
13. Total Iron (Fe)		<u>37</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		<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>4</u>		<u>336</u>
Na ₂ SO ₄	71.03		<u>3</u>		<u>213</u>
NaCl	58.46		<u>2</u>		<u>117</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

Attachment F-1

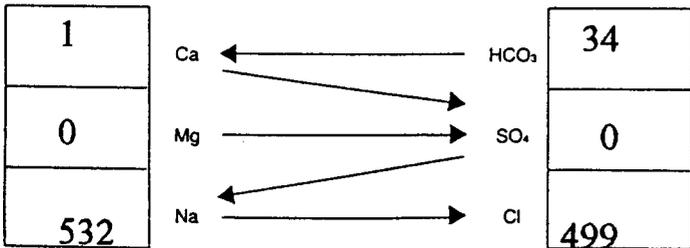
WATER ANALYSIS REPORT

Company INLAND Address _____ Date 01-15-98
Source TSF 3-30 Date Sampled 01-14-98 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>9.9</u>		
2. H ₂ S (Qualitative)	<u>0</u>		
3. Specific Gravity	<u>1.030</u>		
4. Dissolved Solids		<u>32,025</u>	
5. Alkalinity (CaCO ₃)		<u>440</u>	÷ 30 <u>15</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>1,200</u>	÷ 61 <u>19</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>17,700</u>	÷ 35.5 <u>499</u> Cl
9. Sulfates (SO ₄)		<u>0</u>	÷ 48 <u>0</u> SO ₄
10. Calcium (Ca)		<u>16</u>	÷ 20 <u>1</u> Ca
11. Magnesium (Mg)		<u>2</u>	÷ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>50</u>	
13. Total Iron (Fe)		<u>0.8</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Eq. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>1</u>			<u>81</u>
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>33</u>		<u>2,772</u>
Na ₂ SO ₄	71.03				
NaCl	58.46		<u>499</u>		<u>29,172</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:

01-15-98

WATER DESCRIPTION: TSF 3-30

	INPUT ANALYSIS	VALUES USED IN CALCULATIONS
P-ALK AS PPM CaCO3	440	440
M-ALK AS PPM CaCO3	1200	1200
SULFATE AS PPM SO4	0	
CHLORIDE AS PPM Cl	17700	17700
HARDNESS AS PPM CaCO3	50	50
CALCIUM AS PPM CaCO3	16	16
MAGNESIUM AS PPM CaCO3	2	2
SODIUM AS PPM Na	12236	12236
BARIUM AS PPM Ba	0	
STRONTIUM AS PPM Sr	0	
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	32025	30663
TEMP (DEG-F)	100	
SYSTEM pH	9.9	
pH		9.5

RESULTS:

IONIC STRENGTH-MOLAL	.527
SPECIFIC GRAVITY (EST. VALUE)	1.02
TOTAL DISSOLVED SOLIDS-PPM (EST. VALUE)	30663

SCALING PREDICTIONS OVER A RANGE OF TEMPERATURES:

DEG-F	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
80	.61	4	0	0	0
100	.87	4	0	0	0
120	1.14	5	0	0	0
140	1.48	5	0	0	0
160	1.82	5	0	0	0
180	2.22	5	0	0	0
200	2.63	5	0	0	0

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
LOCATION:
SYSTEM:

01-15-98

WATER DESCRIPTION:	MONUMENT BUTTE WA	TSF 3-30
P-ALK AS PPM CaCO3	0	440
M-ALK AS PPM CaCO3	1100	1200
SULFATE AS PPM SO4	60	0
CHLORIDE AS PPM Cl	7100	17700
HARDNESS AS PPM CaCO3	70	50
CALCIUM AS PPM CaCO3	8	16
MAGNESIUM AS PPM CaCO3	12	2
SODIUM AS PPM Na	5014	12236
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	13264	32025
TEMP (DEG-F)	100	100
SYSTEM pH	8.6	9.9

WATER COMPATIBILITY CALCULATIONS

MONUMENT BUTTE WA AND TSF 3-30

CONDITIONS: TEMP.=100 AND pH=9.1

WATER ONE IS MONUMENT BUTTE WA

% 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	.45	1	0	0	0
90	.45	1	0	0	0
80	.45	2	0	0	0
70	.44	2	0	0	0
60	.43	2	0	0	0
50	.42	2	0	0	0
40	.41	2	0	0	0
30	.41	2	0	0	0
20	.42	3	0	0	0
10	.42	3	0	0	0
0	.42	3	0	0	0

Exhibit G

**Tar Sands Federal #3-30
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5735	5747	5741	1927	0.77	1920
5131	5195	5163	1903	0.80	1872
				Minimum	<u>1872</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 3-30 **Report Date** 1/16/97 **Completion Day** 3
Present Operation Perforate "D" sd **Rig** Basin #2

WELL STATUS

Surf Csg: 8-5/8 @ 308 KB **Liner** **@** **Prod Csg** 5-1/2 @ 6261 **Csg PBTB** 6219
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>LDC</u>	<u>5735-47'</u>	<u>4/48</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/15/97 **SITP:** 0 **SICP** 0

RU swb. IFL @ 4800', made 1 run, rec 4 BW, FFL @ 5000'. TOH w/tbg. RU Halliburton & frac "LDC" sd w/96,000# of 20/40 sd in 553 bbls of Boragel. Break dn @ 3000 psi: Treated @ ave rate of 25.5 bpm w/ave press of 2450 psi. ISIP: 1927 psi, 5 min: 1812 psi. Flowback on 12/64" ck for 4 hrs & died. Rec 166 BTF. SIFN. Est 387 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>553</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>166</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to-be-recovered	<u>387</u>	Cum oil recovered	<u>0</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 of 1-5 PPG of 20/40 sd
10000 gal of 5-8 PPG of 20/40 sd
3570 gal of 8-10 PPG of 20/40 sd
Flush w/5654 gal of 10# linear gel

COSTS

Basin-rig	<u>838</u>
BOP	<u>145</u>
Tanks	<u>75</u>
Wtr	<u>700</u>
HO trk	<u>937</u>
Frac	<u>19,080</u>
Flowback-super	<u>100</u>
IPC-supervision	<u>200</u>

Max TP 3000 **Max Rate** 28 **Total fluid pmpd:** 553 bbls
Avg TP 2450 **Avg Rate** 25.5 **Total Prop pmpd:** 96,000#
ISIP 1927 **5 min** 1812 **10 min** **15 min**
Completion Supervisor: Brad Mecham

DAILY COST: \$22,075
TOTAL WELL COST: \$199,351



DAILY COMPLETION REPORT

WELL NAME Tar Sands Federal 3-30 Report Date 1/18/97 Completion Day 5
 Present Operation Pull RBP Rig Basin #2

WELL STATUS

Surf Csg: 8-5/8 @ 308 KB Liner _____ @ _____ Prod Csg 5-1/2 @ 6261 Csg PBDT 6219
 Tbg: Size 2-7/8 Wt 6.5 Grd M-50 Pkr/EOT @ _____ BP/Sand PBDT: 5300

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC	5735-47'	4/48	D	5200-04'	4/16
D	5131-40'	4/36			
D	5143-49'	4/24			
D	5192-95'	4/12			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 1/17/97 SITP: 0 SICP: 0

TIH w/tbg to 5270'. RU swb. IFL @ sfc, made 8 runs, rec 101 BTF, FFL @ 4700'. TOH w/tbg. RU Western Atlas & PERF "D" SD @ 5131-40', 5143-49', 5192-95', 5200-04' W/4 JSPF. RU Halliburton & frac "D" sd w/75,800# of 20/40 sd in 468 bbls of Boragel. Break dn @ 2892 psi. Treated @ ave rate of 23 bpm w/ave press of 1600 psi. ISIP: 1903 psi, 5 min: 1869 psi. Flowback on 12/64" ck for 4 hrs & died. Rec 136 BTF. SIFN. Est 511 BWTR.

FLUID RECOVERY (BBLs)

Starting-fluid load to be recovered	<u>280</u>	Starting oil rec to date	<u>2</u>
Fluid lost/recovered today	<u>231</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>511</u>	Cum oil recovered	<u>2</u>
IFL _____ FFL _____ FTP _____		Choke _____	
		Final Fluid Rate _____	Final oil cut _____

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
1607 gal w/8-10 PPG of 20/40 sd
Flush w/5048 gal of 10# linear gel

COSTS

Basin-rig	<u>1,433</u>
BOP	<u>145</u>
Tanks	<u>75</u>
Wtr	<u>800</u>
HO trk	<u>875</u>
Perfs	<u>2,290</u>
Frac	<u>17,496</u>
Flowback-super	<u>100</u>
IPC-supervision	<u>300</u>

Max TP	<u>2892</u>	Max Rate	<u>25</u>	Total fluid pmpd:	<u>468 bbls</u>
Avg TP	<u>1600</u>	Avg Rate	<u>23</u>	Total Prop pmpd:	<u>75,800#</u>
ISIP	<u>1903</u>	5 min	<u>1869</u>	10 min	_____
Completion Supervisor:	<u>Brad Mecham</u>				

DAILY COST:	<u>\$23,514</u>
TOTAL WELL COST:	<u>\$226,171</u>

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 162' plug from 5635'-5797' with 30 sxs Class "G" cement.
2. **Plug #2** Set 223' plug from 5031'-5254' with 30 sxs Class "G" cement.
3. **Plug #3** Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
4. **Plug #4** Set 100' plug from 244'-344' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
5. **Plug #5** Set 50' plug from surface with 10 sxs Class "G" cement.
6. Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 294' to surface.

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

Tar Sands Federal #3-30

Spud Date: 12/13/96
 Put on Injection: 1/27/97
 GL: 5349' KB: 5362'

Proposed P & A Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (294.37')
 DEPTH LANDED: 293' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 6 bbls to surf.

FRAC JOB

10 sxs Class "G" cement, 50' to surface
 10 sxs Class "G" cement, down the 8-5/8" x 5-1/2" annulus to cement
 294' to surface
 15 sxs Class "G" cement, 244'-344'

294'

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts (6262.80')
 DEPTH LANDED: 6261'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 460 sk Hibond mixed & 470 sxs thixotropic
 CEMENT TOP AT: 691' per CBL

TUBING

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

30 sxs Class "G" cement, 2000'-2200'

SUCKER RODS

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

PERFORATION RECORD

30 sxs Class "G" cement, 5031'-5254'

5131'-40"
 5143'-49"

5192'-95"
 5200'-04"

30 sxs Class "G" cement, 5635'-5797'

5735'-47"

PBTD @ 6219'
 TD @ 6250'



Inland Resources Inc.

Tar Sands Federal #3-30

584 FNL 1898 FWL

NENW Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31755; Lease #U-74869

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. N 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)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

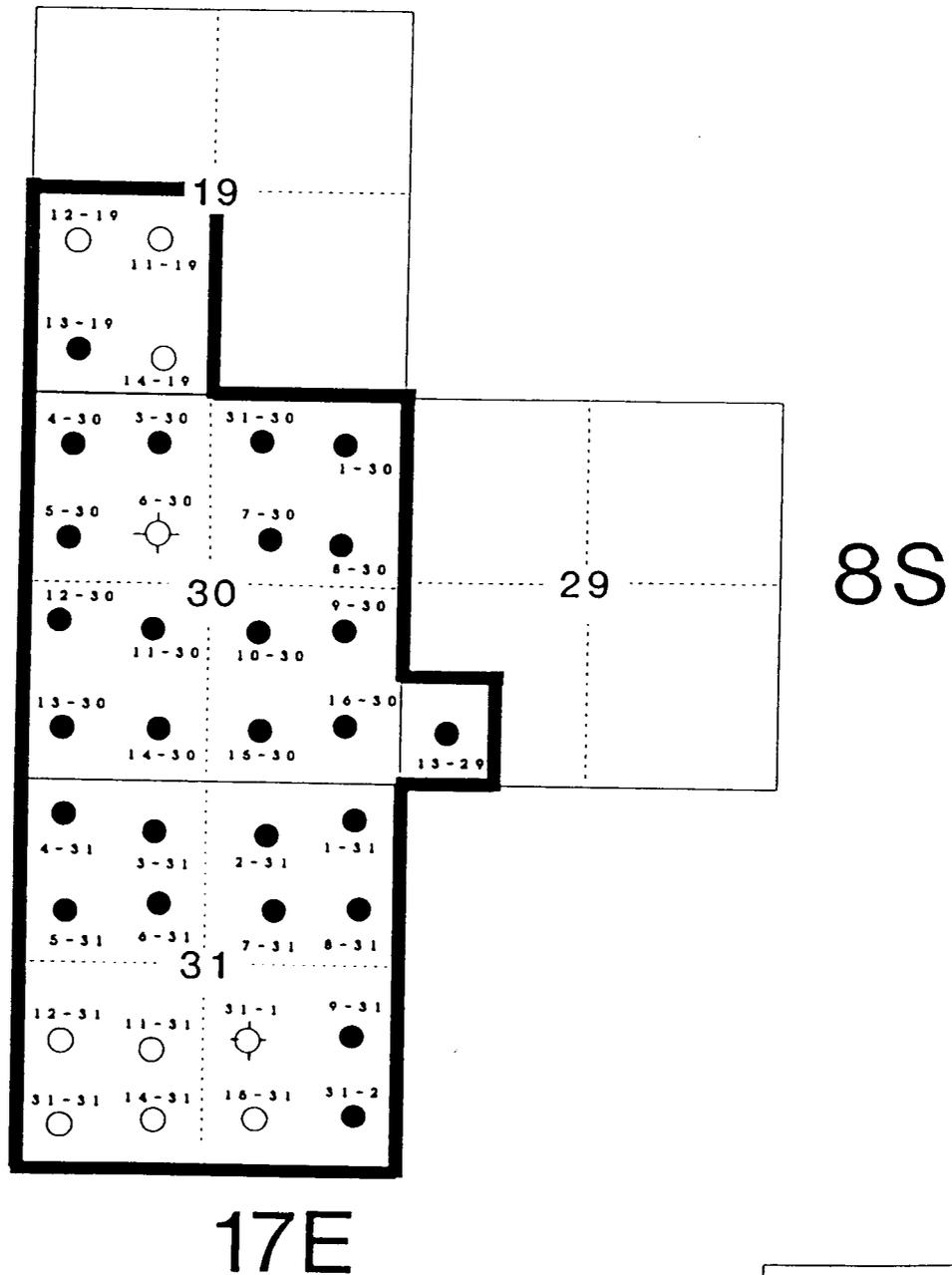
NOTE: Use COMMENT section to explain why each Action Code was selected.
 (3/89)

L. CORDOVA (DOGM)
 Signature
ADMIN. ANALYST Title 3-11-98 Date
 Phone No. () _____

SAND WASH (GREEN RIVER) UNIT

Duchesne County, Utah

EFFECTIVE: DECEMBER 1, 1997



— UNIT OUTLINE (UTU76788X)
1,444.06 ACRES

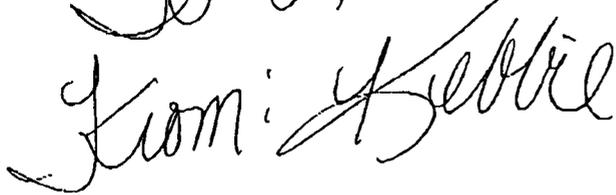
SECONDARY ALLOCATION	
FEDERAL	96.94%
FEE	3.06%

INLAND PRODUCTION COMPANY SANDWASH UNIT

AS OF 3/10/98

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







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.

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company

Well: Tar Sands Fed. 3-30

Location: 30/8S/17E

API: 43-013-31755

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 BLM land. All lands in the one-half mile radius of the well are BLM. Inland has submitted an affidavit stating that all owners and interest owners have been notified of there intent to convert the well to an injection well.

Well Integrity: The proposed well has surface casing set at 293 feet and is cemented to surface. A 5 ½ inch production casing is set at 6261 feet and has a cement top at 691 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 is 6 producing wells, one injection well and 1 plugged and abandoned well in the area of review. The producing and injection well have adequate casing and cement and the plugged well has adequate plugs. 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 5131-5747). Information submitted by Inland indicates that the fracture gradient for the 3-30 well is .80 psig/ft. The resulting fracture pressure is 1872 psig. The requested maximum pressure was 1872 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 will be addressed at the hearing on October 22, 1997. Previous reviews in the area indicate that all other interests have been protected.

Tar Sands 3-30
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 1872 psi., rate will be limited by pressure and Inland will adhere to all operational procedures as written in there 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: 2/25/98



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)

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,

A handwritten signature in cursive script that reads "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

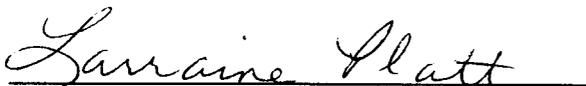
Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066

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



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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)

Michael O. Leavitt
Governor

Lowell P. Braxton
Division Director

April 1, 1998

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

Re: Sand Wash Unit Wells 3-30, 1-30, 7-30, 11-30, 9-30, 15-30, 7-31 and 3-31, 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 wells to Class II injection wells. Accordingly, the following stipulations shall apply for full compliance with this approval:

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

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Roosevelt

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
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.

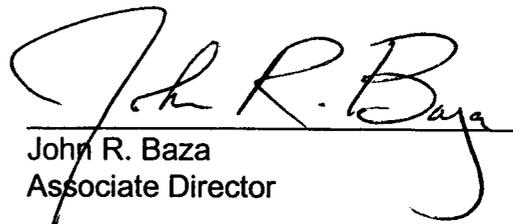
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the 3-30, 1-30, 7-30, 11-30, 9-30, 15-30, 7-31 and 3-31 wells, located in Sections 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)

April 2, 1998

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

Re: Sand Wash Unit 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.

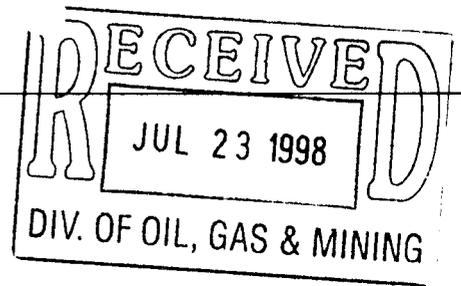
Sincerely,

John R. Baza

Associate Director, Oil and Gas

lwp

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



July 20, 1998

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

RE: Injection Conversion
Tar Sands Federal #3-30
Sand Wash Unit
Section 30-T8S-R17E
Duchesne County, Utah

Dear Mr. Jarvis:

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

Sincerely,

Debbie E. Knight
Manager, Regulatory Compliance

cc: Mr. Edwin Forsman, BLM



Daily Workover Report

TAR SANDS FEDERAL 3-30
NE/NW Section 30, T08S R17E
DUCHESNE Co., Utah
API # 43-013-31755

Spud Date: 12/5/96
POP: 1/21/97
TD: 6250'
WO Rig: Flint #1455

7/8/98 PO: Injection Conversion. (Day 1)

Summary: 7/7/98 – TP: 45, CP: 45. MIRUSU. Pump 100 bbls. Production water down casing @ 270°. Unseat pump. Flush rods w/35 bbls wtr. Reseat pump. Test tbg to 1200 psi w/15 bbls wtr. TOH w/ rods laying them down on trailer as follows 1-1/2" x 22' polished rod, 2', 4', 6' x 3/4" pony rod, 100 - 3/4" scraped rod, 126 - 3/4" plain rods, 4 - 1" scraped rods. ND Wellhead. Release tbg anchor. NU BOP. TOOH w/tbg breaking and applying liquid "O" ring to every pin. 140 jts out SIFN.
DC: \$4,950 TWC: \$4,950

7/9/98 PO: Injection Conversion. (Day 2)

Summary: 7/8/98 – TP: 0, CP: 0. TOH w/tbg breaking and applying liquid "O" ring to every pin. Lay down 25 jts of 2-7/8" tbg. TIH w/Arrow set 1 packer, SN, 163 jts tbg. ND BOP. RU wellhead. Pump 60 bbls prod wtr down csg. Pump 20 bbls fresh wtr down csg. Pump 40 bbls packer fluid. Set packer w/12,000# tension. Test csg and tbg to 1100 psi w/15 bbls packer fluid. RDMOSU.
DC: \$7,700 TWC: \$12,650

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 3-30

9. API Well No.

43-013-31755

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

WIW

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

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

0645 FNL 1788 FWL NE/NW Section 30, T08S R17E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other

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

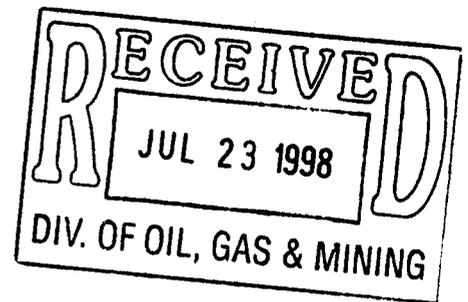
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

The above referenced well was converted from a producing oil well to a water injection well on 7-9-98. A mechanical integrity test was performed on 7-9-98. Casing was tested to 1100 psi for 2 hours - no pressure lost. DOGM and EPA were notified, but did not witness.

Attachments:

- 1. Daily Workover Report
- 2. Copy of Chart



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

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

7/20/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM



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

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)

Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-207

Operator: Inland Production Company
Wells: Tar Sands Federal 3-30
Location: Section 30, Township 8 South, Range 17 East,
County: Duchesne
API No.: 43-013-31755
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 1, 1998
2. Maximum Allowable Injection Pressure: 1872 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Douglas Creek Member of the Green River Formation (5131 feet - 5747 feet)

Approved by:


John R. Baza
Associate Director, Oil And Gas

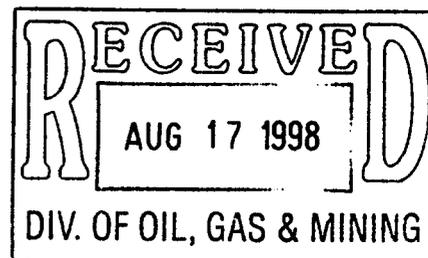
8/4/98
Date



August 14, 1998

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

RE: Date of First Injection
Tar Sands Federal #3-30
Sand Wash Unit
Section 30-T8S-R17E
Duchesne County, Utah



Dear Mr. Jarvis:

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

Sincerely,

Debbie Knight

Debbie E. Knight
Manager, Regulatory Compliance

cc: Mr. Edwin Forsman, BLM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-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 3-30

9. API Well No.

43-013-31755

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

WIW

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

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

0645 FNL 1788 FWL NE/NW Section 30, T08S R17E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

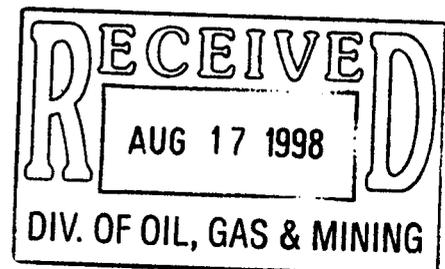
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **First Injection**

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

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

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

The above referenced well was put on injection 7-31-98.



*WTC
3-23-99
RJK*

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

Signed

Debbie Knight

Title

Manager, Regulatory Compliance

Date

8/14/98

(This space for Federal or State office use)

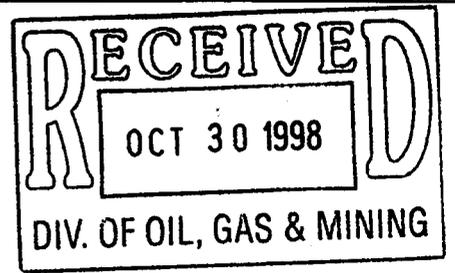
Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM



October 29, 1998

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

Dear Carolyn:

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

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

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

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

Enclosures

Wiw NGC 12-4G 4301330699 7-2-98
Wiw TAR SANDS FED 3-30 4301331755 7-31-98
30-8-17E

/kj

485 646-3721



April 3, 2000

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

RE: Step-Rate Test
Tar Sands Federal # 3-30

Dear Dan:

Please find enclosed Step-Rate Tests (SRT) results on the Tar Sands Federal #3-30 injection well in the Sand Wash Unit. Inland Production Company conducted the SRT on March 31, 2000. Due to the results of the SRT Inland is requesting a change in the maximum allowable injection pressure from 1727 psi to 1150 psi for this well.

Thank you for your assistance. If you have any questions or need further information, please call me at (435) 646-3721.

Sincerely,

Brad Mecham
Operations Manager

/bm

RECEIVED

APR 05 2000

**DIVISION OF
OIL, GAS AND MINING**

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. <p style="text-align: center;">U-74869</p>	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> INJECTION		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <p style="text-align: center;">N/A</p>	
2. NAME OF OPERATOR <p style="text-align: center;">INLAND PRODUCTION COMPANY</p>		7. UNIT AGREEMENT NAME <p style="text-align: center;">SAND WASH (GR RVR)</p>	
3. ADDRESS OF OPERATOR <p style="text-align: center;">ROUTE #3 BOX 3630, MYTON, UTAH 84052 (435) 646-3721</p>		8. FARM OR LEASE NAME <p style="text-align: center;">TAR SANDS FEDERAL 3-30</p>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <p style="text-align: center;">NE/NW 0645 FNL 1788 FWL</p>		9. WELL NO. <p style="text-align: center;">Federal # 3-30</p>	
14 API NUMBER <p style="text-align: center;">43-013-31755</p>		15. ELEVATIONS (Show whether DF, RT, GR, etc.) <p style="text-align: center;">5349</p>	
12. COUNTY OR PARISH <p style="text-align: center;">DUCHESNE</p>		13. STATE <p style="text-align: center;">UT</p>	
10. FIELD AND POOL, OR WILDCAT <p style="text-align: center;">MONUMENT BUTTE</p>			
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <p style="text-align: center;">NE/NW Section 30, T08S R17E</p>			

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	(OTHER) <input type="checkbox"/>
(OTHER) _____ <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(OTHER) <u>Step-Rate test</u> <input checked="" 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.)*

On March 31, 2000 Inland Production Company conducted a Step-Rate Test (SRT) on the Tar Sands Federal # 3-30 injection well in the Sand Wash Unit. Due to the results of the attached SRT Inland is requesting approval to change our Maximum Allowable Injection Pressure from 1727 psi to 1150 psi on this well.

RECEIVED

APR 05 2000

DIVISION OF
OIL, GAS AND MINING

18 I hereby certify that the foregoing is true and correct

SIGNED <u>Bob Medina</u>	TITLE <u>Operations Manager</u>	DATE <u>4/3/00</u>
--------------------------	---------------------------------	--------------------

(This space for Federal or State office use)

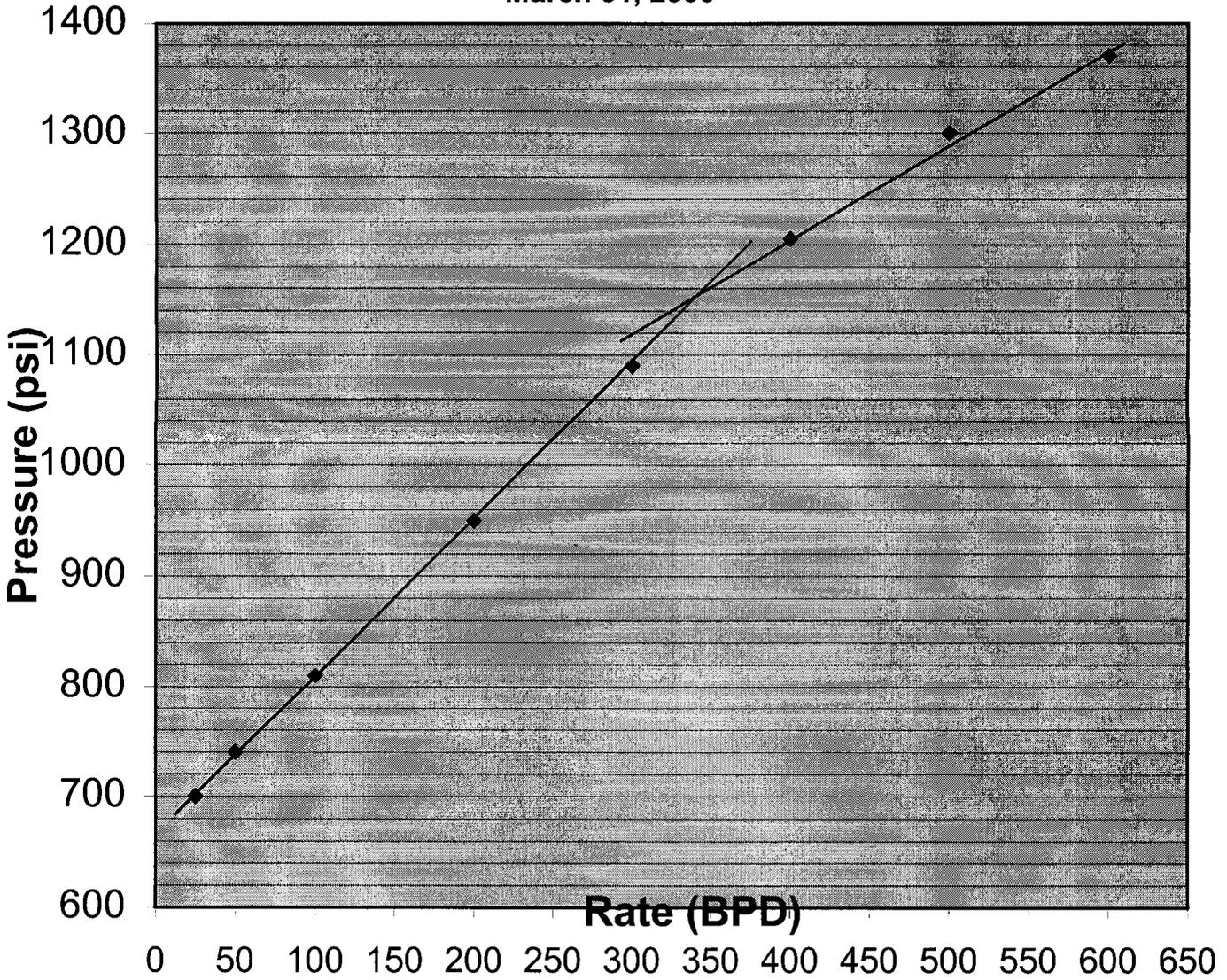
APPROVED BY _____ TITLE _____

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

COPY SENT TO OPERATOR
Date: 4-21-00
Initials: CHS

Date: 4/10/00
By: [Signature]

Tar Sands Fed 3-30
 (Sand Wash Unit)
 Step Rate Test
 March 31, 2000



ISIP: 1340 psi

Fracture pressure: 1150 psi

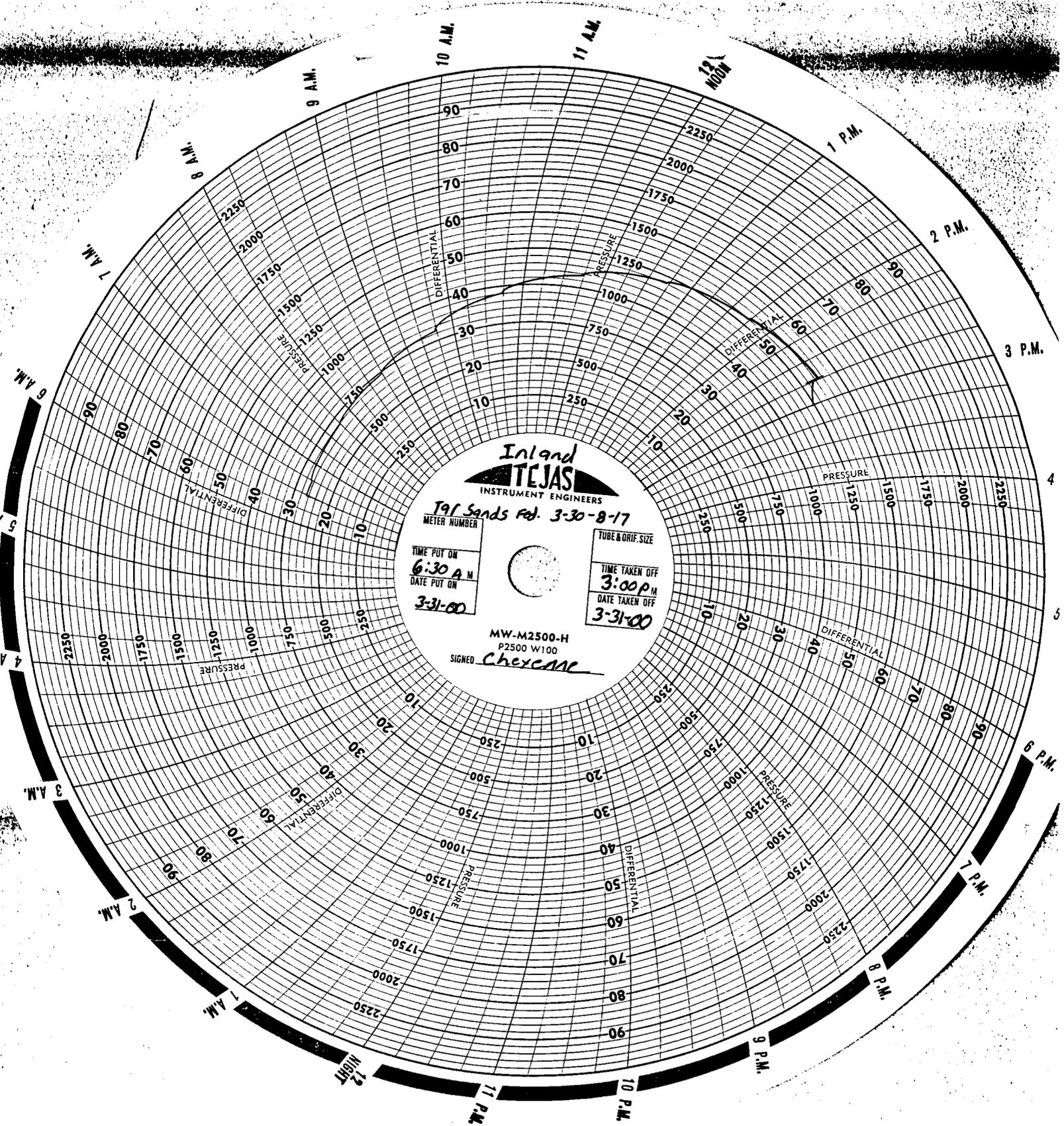
FG: 0.659

Step	Rate(bpm)	Pressure(psi)
1	25	700
2	50	740
3	100	810
4	200	950
5	300	1090
6	400	1205
7	500	1300
8	600	1370

RECEIVED

APR 05 2000

DIVISION OF
 OIL, GAS AND MINING



RECEIVED

APR 05 2000

DIVISION OF
OIL, GAS AND MINING

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	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		7. UNIT AGREEMENT NAME SAND WASH (GR RVR)	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/NW Section 30, T8S R17E 645 FNL 1788 FWL		8. FARM OR LEASE NAME TAR SANDS FED 3-30	
14. API NUMBER 43-013-31755		9. WELL NO. TAR SANDS FED 3-30	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5349		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/NW Section 30, T8S 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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> 5 Year MIT	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

A 5 Year MIT was conducted on the subject well. On 6/11/03 Al Craver w/EPA was contacted of the intent to conduct a MIT on the casing. On 6/17/03 the casing was pressured to 1480 psi w/no pressure loss charted in the 1/2 hour test. No Governmental agencies were able to witness the test.

18 I hereby certify that the foregoing is true and correct

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

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

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

* See Instructions On Reverse Side

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

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 6 17 03
 Test conducted by: BRET HENRIE
 Others present: _____

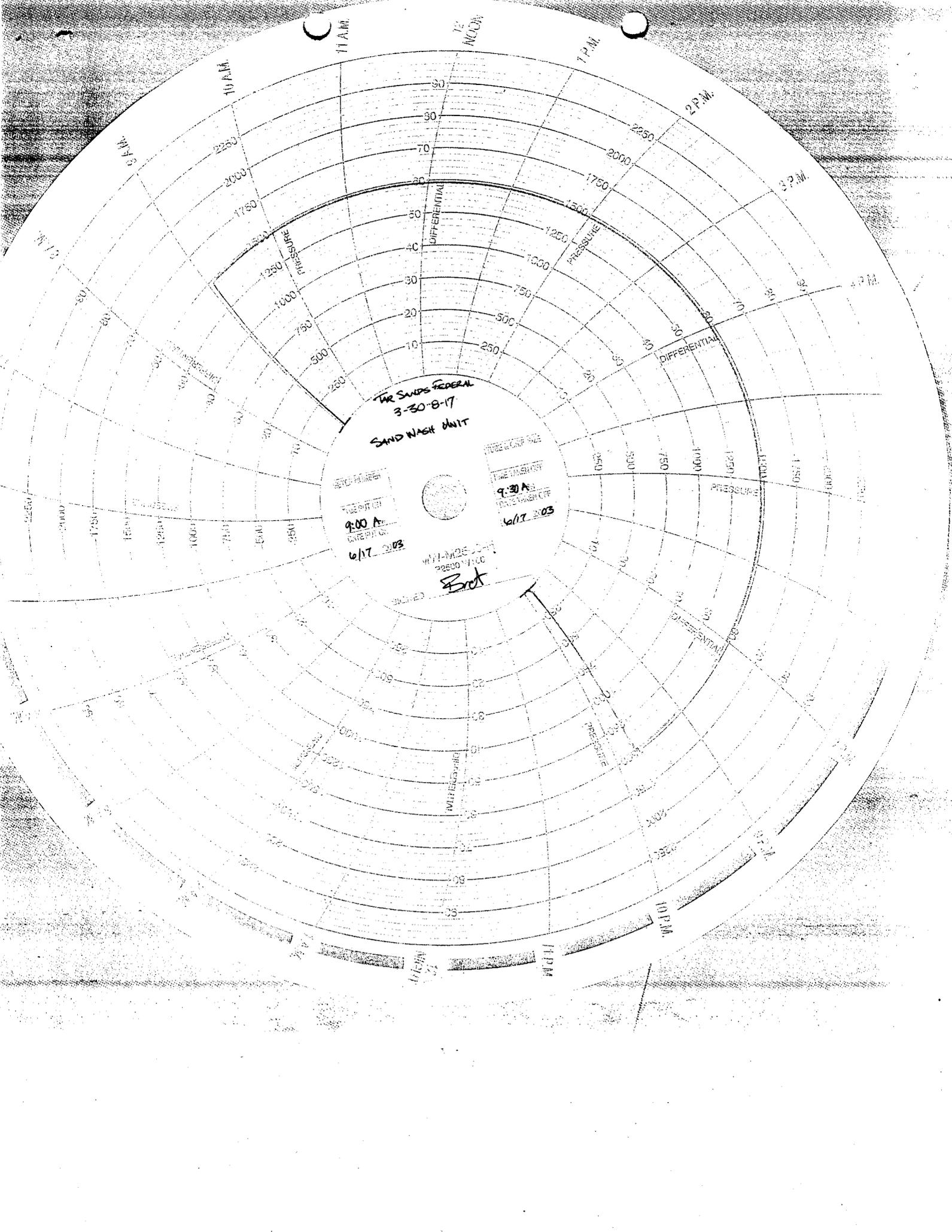
Well Name: <u>TUR SANDS FEDERAL 3-30-8-17</u>	Type: <u>ER</u> SWD	Status: <u>AC</u> TA UC
Field: <u>SAND WASH UNIT</u>		
Location: <u>NE1NW</u> Sec: <u>30</u> T <u>8</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>TINLAND</u>		
Last MIT: <u>7 9 1998</u> Maximum Allowable Pressure: <u>1150</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: 30 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1000 psig	psig	psig
End of test pressure	1000 psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	1480 psig	psig	psig
5 minutes	1480 psig	psig	psig
10 minutes	1480 psig	psig	psig
15 minutes	1480 psig	psig	psig
20 minutes	1480 psig	psig	psig
25 minutes	1480 psig	psig	psig
30 minutes	1480 psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? _____



TAR SANDS FEDERAL
3-30-8-17
SAND WASH UNIT

9:00 A.
6/17 2003

9:30 A.
6/17 2003

22500
22500
Bret



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 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.

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

- 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 3-30

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331755

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: 0645 FNL 1788 FWL

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NE/NW, 30, T8S, R17E

STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
	SubDate	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: 01/18/2006	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well was recompleted in the Green River Formation. Three new intervals were perforated. The CP2 sds 6114'-6122' w/4 JSPF, GB4 sds 4606'-4614' w/4 JSPF and the GB6 sds 4672'-4680' w/4 JSPF for a total of 96 shots. On 1/23/06 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. Permission was given at that time to perform the test on 1/26/06. On 1/26/06 the csg was pressured up to 1490 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 810 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20847-044431 API# 43-013-31755

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

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk
SIGNATURE *Callie Duncan* DATE 01/31/2006

(This space for State use only)

**RECEIVED
FEB 01 2006**

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: 01/26/06
 Test conducted by: Dale Giles
 Others present: _____

Well Name: <u>Tar Sands Fed. 3-30-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Sandwash unit</u>		
Location: _____	Sec: <u>30 T 8 N 8 R 17 E</u>	County: <u>Duchesne</u> State: <u>UT</u>
Operator: <u>Newfield Production Co.</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>1150</u>	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

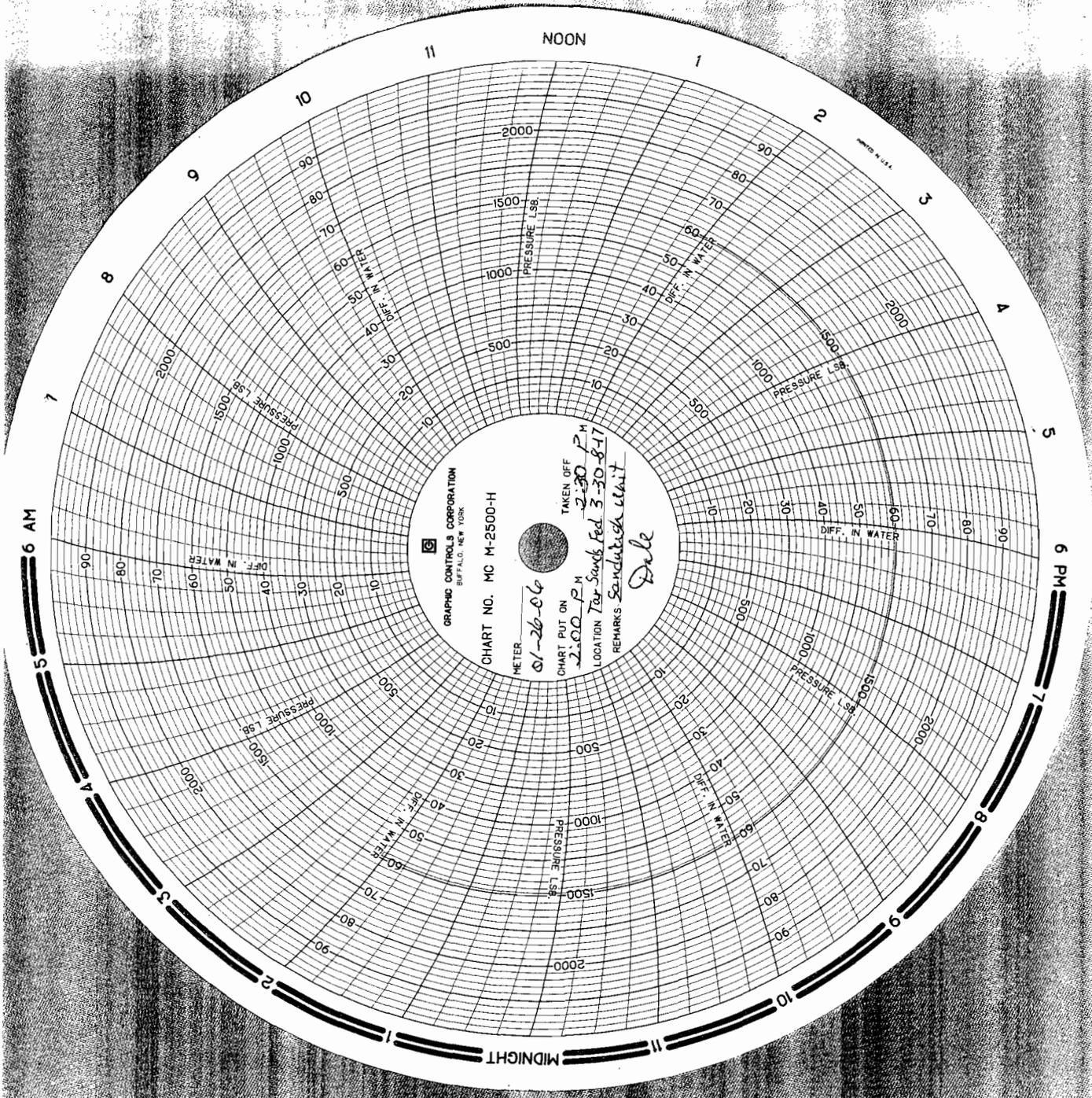
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>810</u> psig	psig	psig
End of test pressure	<u>810</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1490</u> psig	psig	psig
5 minutes	<u>1490</u> psig	psig	psig
10 minutes	<u>1490</u> psig	psig	psig
15 minutes	<u>1490</u> psig	psig	psig
20 minutes	<u>1490</u> psig	psig	psig
25 minutes	<u>1490</u> psig	psig	psig
30 minutes	<u>1490</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____



6 AM

5

4

3

2

1

MIDNIGHT

11

10

9

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6

5

4

3

2

1

NOON

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2

3

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6 PM

90

80

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50

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30

20

10

2000

1500

1000

500

2000

1500

1000

500

2000

1500

1000

500

2000

1500

1000

500

2000

1500

DIFF. IN WATER

PRESSURE LBS.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 200
DENVER, CO 80202-2466
<http://www.epa.gov/region08>

FEB 24 2006

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Mike Guinn
Vice President - Operations
Newfield Production Company
Route 3 - Box 3630
Myton, UT 84502

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

43-013-31755

8S 17E 30

REF: UNDERGROUND INJECTION CONTROL (UIC)
**Authority to Commence Injection and
Authorization to Decrease MAIP. 1**
Well Permit No. UT20847-04431
Tar Sands Federal No. 3-30-8-17
Duchesne County, Utah

Dear Mr. Guinn:

Newfield Production Company (Newfield) had satisfactorily fulfilled all the Environmental Protection Agency's (EPA) **Prior to Commencing Injection** requirements in the Sand Wash Area Permit UT20847-00000 (Effective May 26, 1998). The subject well has been reworked with the addition of new injection perforations, all of which are within the modified Garden Gulch-Douglas Creek-Basal Carbonate Members of the Green River Formation (Effective September 9, 2003). All requirements relative to the January 2006 rework, i.e., Part I (Internal) Mechanical Integrity Test, Well Rework Record (EPA Form No. 7520-12), and a schematic diagram were approved by the EPA on February 8, 2006.

Newfield, as of the date of this letter, is authorized to commence injection into the Tar Sands Federal No. 3-30-8-17. Until such time that the permittee demonstrates through a Step-Rate Injectivity Test that the fracture gradient is other than 0.695 psi/ft, the Tar Sands Federal No. 3-30-8-17 shall be operated at a **maximum allowable injection pressure no greater than 1030 psig.**

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MAR 01 2006

DIV. OF OIL, GAS & MINING



Printed on Recycled Paper

MAIP = Fracture Gradient (FG): **0.659 psi/ft**. This FG is in accord with eleven (11) Step-Rate Tests conducted in Sections 30 and 31 - T8S - R17E.

Depth = Top perforation: 4606 feet

Specific gravity = 1.005

MAIP = $[0.659 - (1.005)(0.433)] 4606$

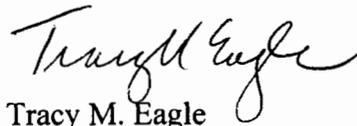
MAIP = 1030 psig

As of this approval, responsibility for Permit compliance and enforcement is transferred to the Region 8 UIC Technical Enforcement Program office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address regarding this well:

Mr. Nathan Wiser
Technical Enforcement Program - UIC
U.S. EPA Region 8: Mail Code 8ENF-UFO
999-18th Street - Suite 200
Denver, CO 80202-2466
Phone: 303-312-6211, or 1-800-227-8917 (Ext. 6211)

Please be reminded that it is your responsibility to be aware of and to comply with all conditions of Sand Wash Area Permit UT20847-00000, and the well Permit UT20847-04431. If you have any questions in regard to the above action, please contact Dan Jackson at 303-312-6155 in the Denver area, or 1-800-227-8917 (Ext. 6155).

Sincerely,



Tracy M. Eagle
Director
Ground Water Program

cc: Maxine Natchees
Acting Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe

S. Elaine Willie
Environmental Coordinator
Ute Indian Tribe

Lynn Becker
Director
Energy & Minerals Dept.
Ute Indian Tribe

Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency

David Gerbig
Newfield Production Company
Denver, CO 80202

Gil Hunt
Technical Services Manager
State of Utah - Natural Resources

Matt Baker
Petroleum Engineer
Bureau of Land Management
Vernal District

Nathan Wiser
8ENF-UFO

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 3-30

2. NAME OF OPERATOR:
 NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
 4301331755

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: 0645 FNL 1788 FWL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/NW, 30, T8S, R17E

STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
	SubDate	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: 05/10/2006	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

A step rate test was conducted on the subject well on May 3, 2006. Results from the test indicate that the fracture gradient is .757 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1485 psi.

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

NAME (PLEASE PRINT) Cheyenne Batemen

TITLE Well Analyst Foreman

SIGNATURE *Cheyenne Batemen*

DATE 05/10/2006

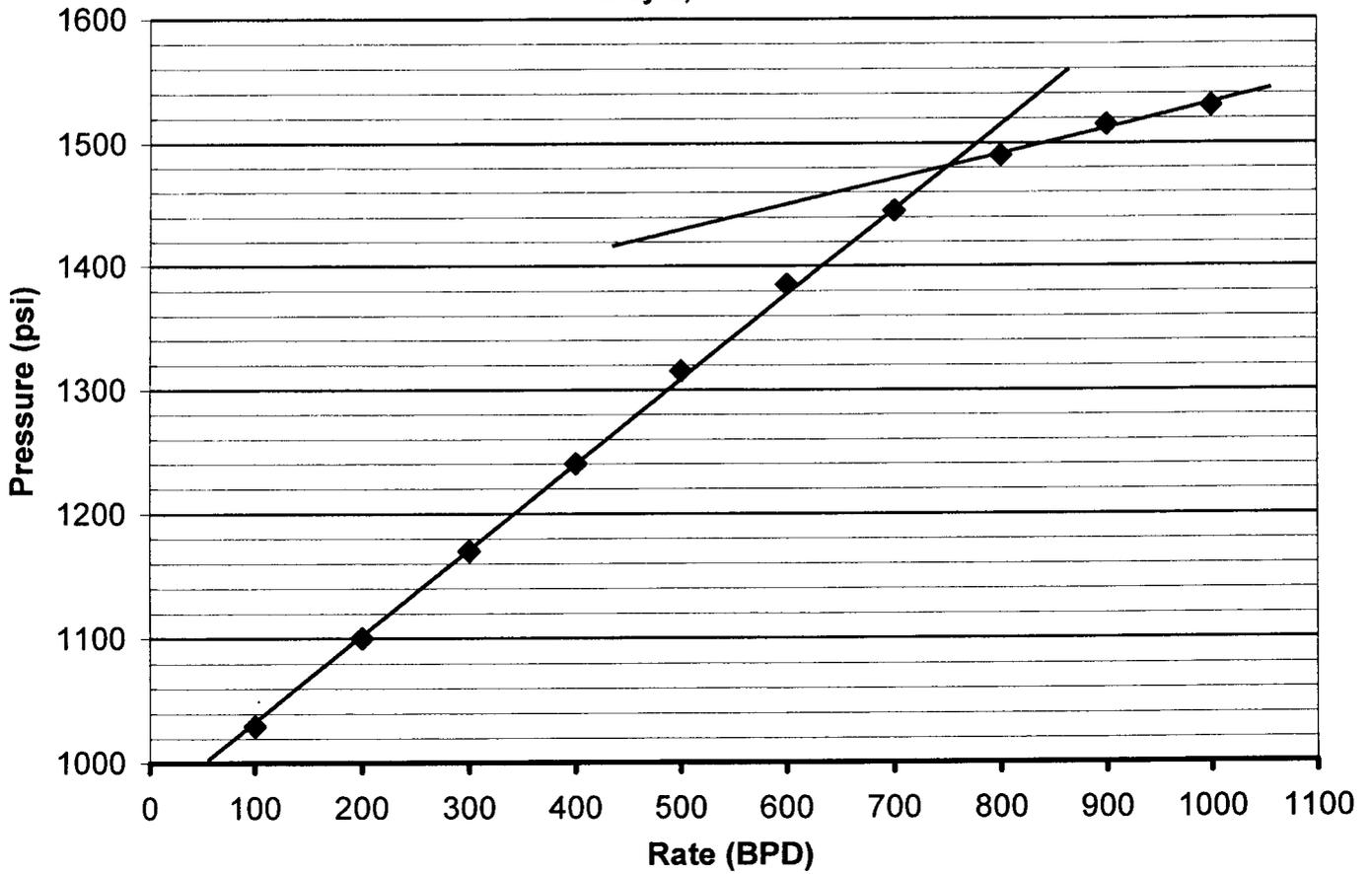
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MAY 15 2006

DIV. OF OIL, GAS & MINING

**Tar Sands Federal 3-30
Sandwash Unit
Step Rate Test
May 3, 2006**



Start Pressure: 1000 psi
Instantaneous Shut In Pressure (ISIP): 1520 psi
Top Perforation: 4606 feet
Fracture pressure (Pfp): 1485 psi
FG: 0.757 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	1030
2	200	1100
3	300	1170
4	400	1240
5	500	1315
6	600	1385
7	700	1445
8	800	1490
9	900	1515
10	1000	1530

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
645 FNL 1788 FWL
NENW Section 30 T8S R17E

5. Lease Serial No.

USA UTU-74869

6. If Indian, Allottee or Tribe Name.

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

SAND WASH UNIT

8. Well Name and No.

TAR SANDS FED 3-30

9. API Well No.

4301331755

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

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

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

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

A step rate test was conducted on the subject well on September 17, 2007. Results from the test indicate that the fracture gradient is .787 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1600 psi.

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

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

Chevenne Bateman

Signature



Title

Well Analyst Foreman

Date

10/17/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

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

Title

Office

Date

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

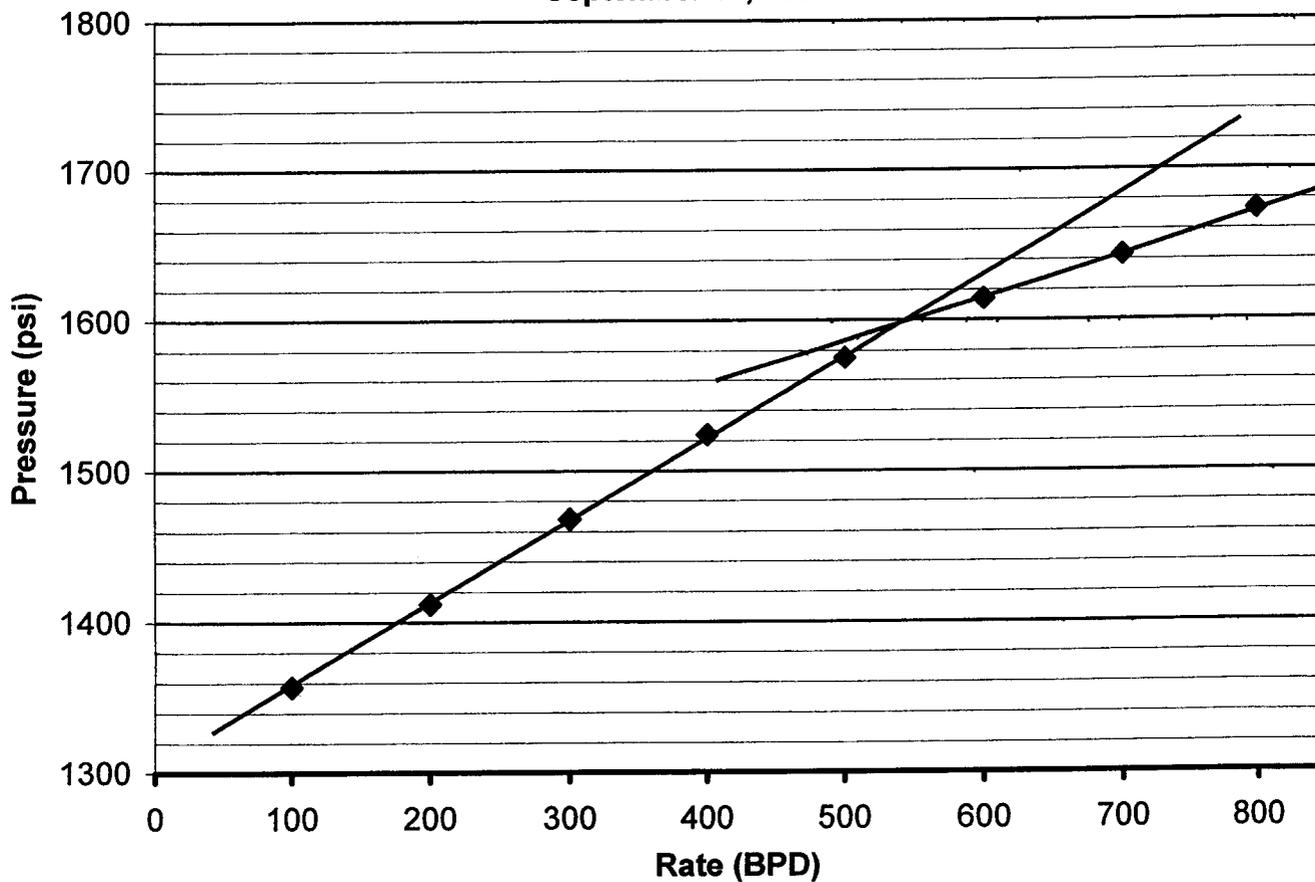
(Instructions on reverse)

RECEIVED

OCT 19 2007

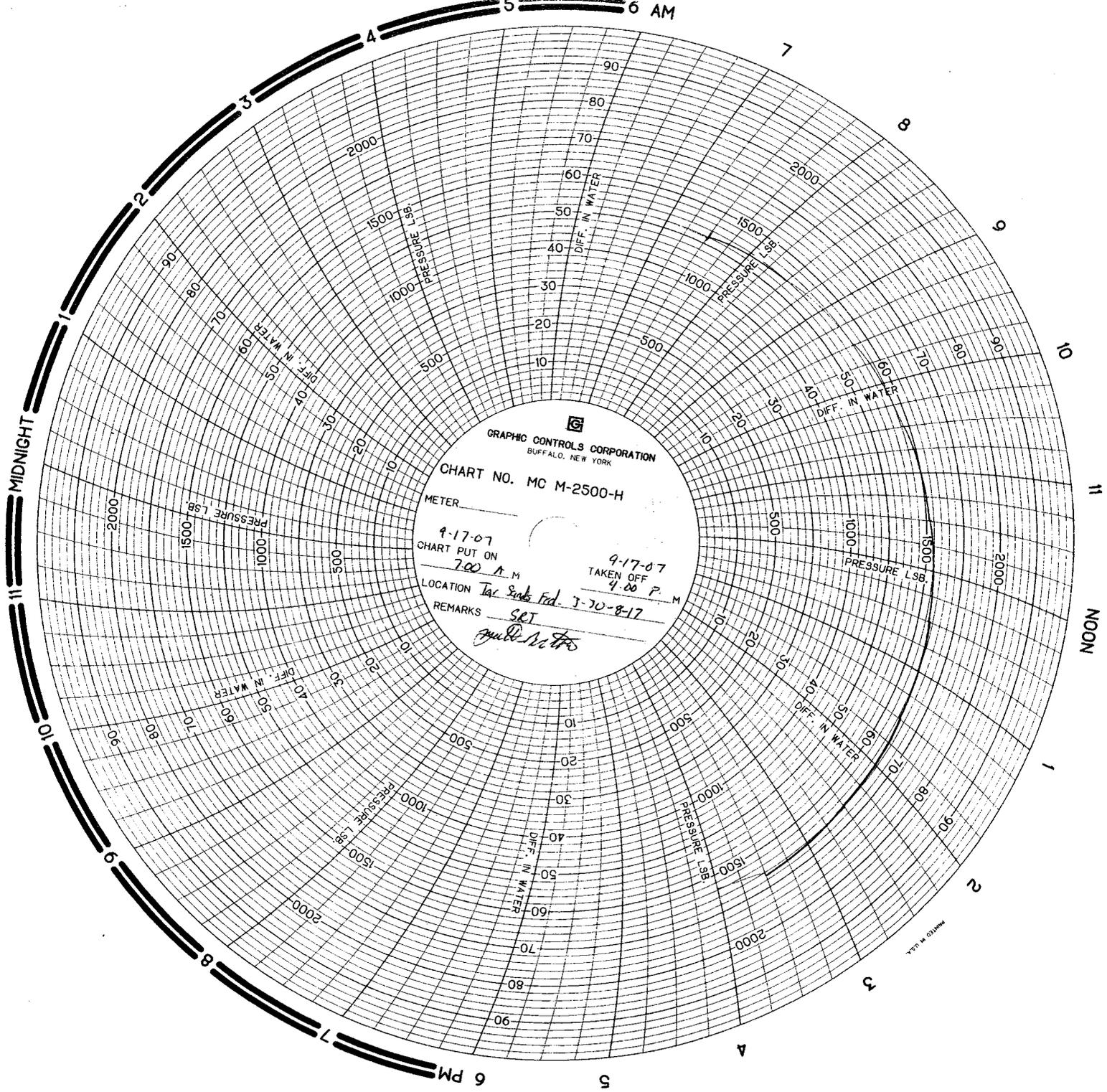
DIV. OF OIL, GAS & MINING

**Tar Sands Federal 3-30-8-17
Sandwash Unit
Step Rate Test
September 17, 2007**



Start Pressure: 1305 psi
Instantaneous Shut In Pressure (ISIP): 1652 psi
Top Perforation: 4606 feet
Fracture pressure (Pfp): 1600 psi
FG: 0.787 psi/ft

<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
1	100	1357
2	200	1412
3	300	1468
4	400	1524
5	500	1575
6	600	1614
7	700	1643
8	800	1673



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC M-2500-H

METER _____

9-17-07
CHART PUT ON

7:00 A.M.

9-17-07
TAKEN OFF

4:00 P.M.

LOCATION *Tax Sinks Fed. J-70-8-17*

REMARKS *SET*
Auto Netco

1957 M. C. 100000

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:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
TAR SANDS FED 3-30

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331755

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:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 645 FNL 1788 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW, 30, T8S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>12/14/2010</u>	<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 11/19/2010 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 12/14/2010 the casing was pressured up to 1125 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1546 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20847-04431 API# 43-013-31755

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

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DEC 21 2010

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE



DATE 12/15/2010

(This space for State use only)

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

RECEIVED

DEC 21 2010

DIV. OF OIL, GAS & MINING

EPA Witness: _____ Date: 12 14 2010
 Test conducted by: Rusty Bird
 Others present: _____

Well Name: <u>Tar sands Federal 3-30-8-1</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>NE/NW</u> Sec: <u>30</u> T <u>8</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W County: <u>Duchesne</u> State: <u>Utah</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1600</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: 0 bpd

Pre-test casing/tubing annulus pressure: 0 psig

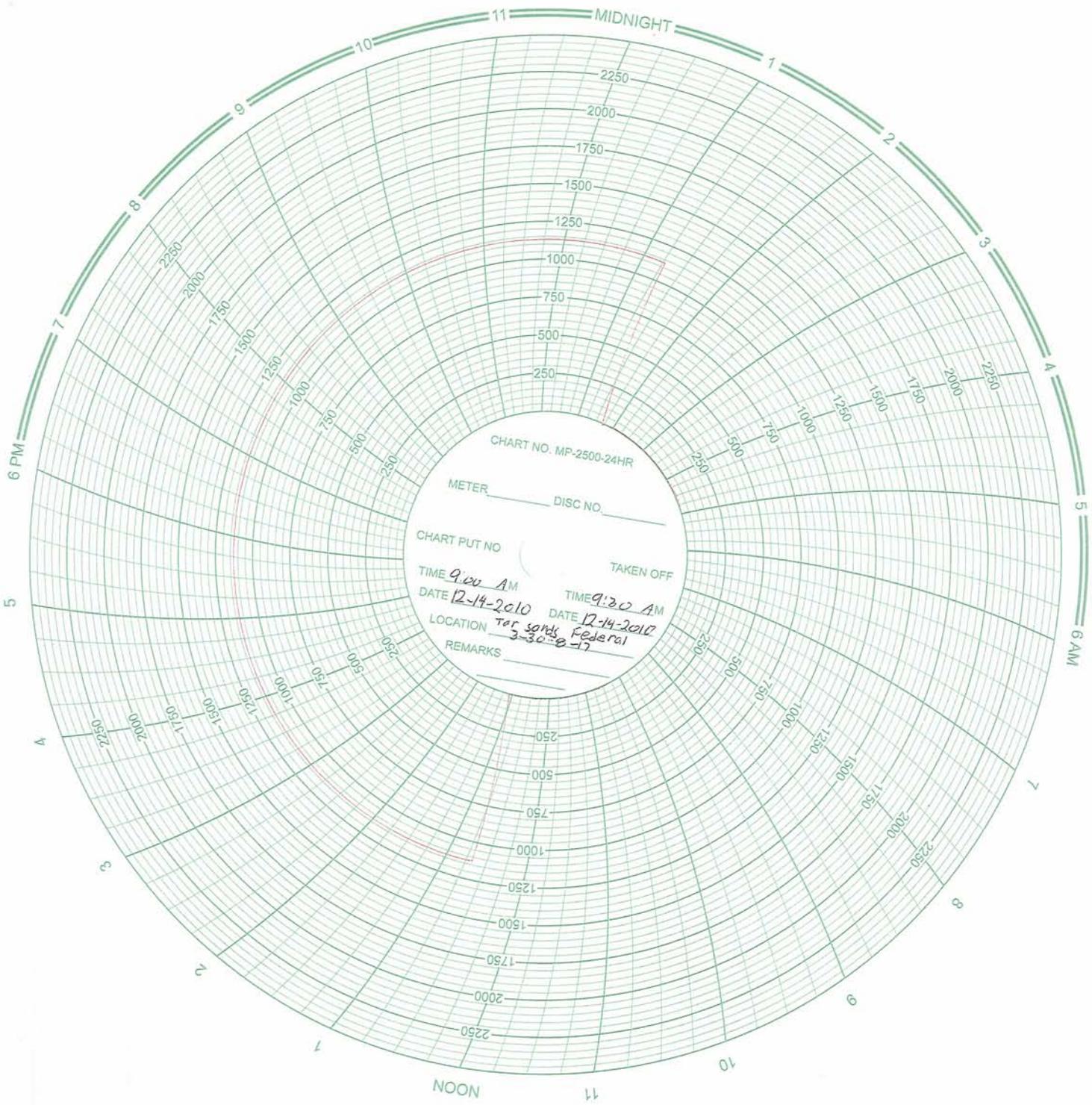
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1546</u> psig	psig	psig
End of test pressure	<u>1546</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1125</u> psig	psig	psig
5 minutes	<u>1125</u> psig	psig	psig
10 minutes	<u>1125</u> psig	psig	psig
15 minutes	<u>1125</u> psig	psig	psig
20 minutes	<u>1125</u> psig	psig	psig
25 minutes	<u>1125</u> psig	psig	psig
30 minutes	<u>1125</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: Rusty Bird



RECEIVED
DEC 21 2010
DIV. OF OIL, GAS & MINING

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 3-30
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013317550000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
PHONE NUMBER: 435 646-4825 Ext		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0645 FNL 1788 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW 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: 11/11/2015 <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"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
OTHER: <input style="width: 100px;" 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 11/11/2015 the casing was pressured up to 1094 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1302 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04431		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 16, 2015		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/12/2015	

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: 11 / 11 / 2015
 Test conducted by: Shannon Hazenby
 Others present: _____

Well Name: <u>Tar Sands Federal</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Monument Butte</u>		
Location: <u>7-30-8-17</u> Sec: <u>30</u> T <u>85</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>ut</u>		
Operator: <u>Shannon Hazenby</u>		
Last MIT: <u> / / </u>	Maximum Allowable Pressure: <u>1398</u>	PSIG

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

Pre-test casing/tubing annulus pressure: 0 / 1303 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1303 psig	psig	psig
End of test pressure	1302 psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	1099.0 psig	psig	psig
5 minutes	1098.2 psig	psig	psig
10 minutes	1096.6 psig	psig	psig
15 minutes	1094.0 psig	psig	psig
20 minutes	1092.8 psig	psig	psig
25 minutes	1092.8 psig	psig	psig
30 minutes	1093.8 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

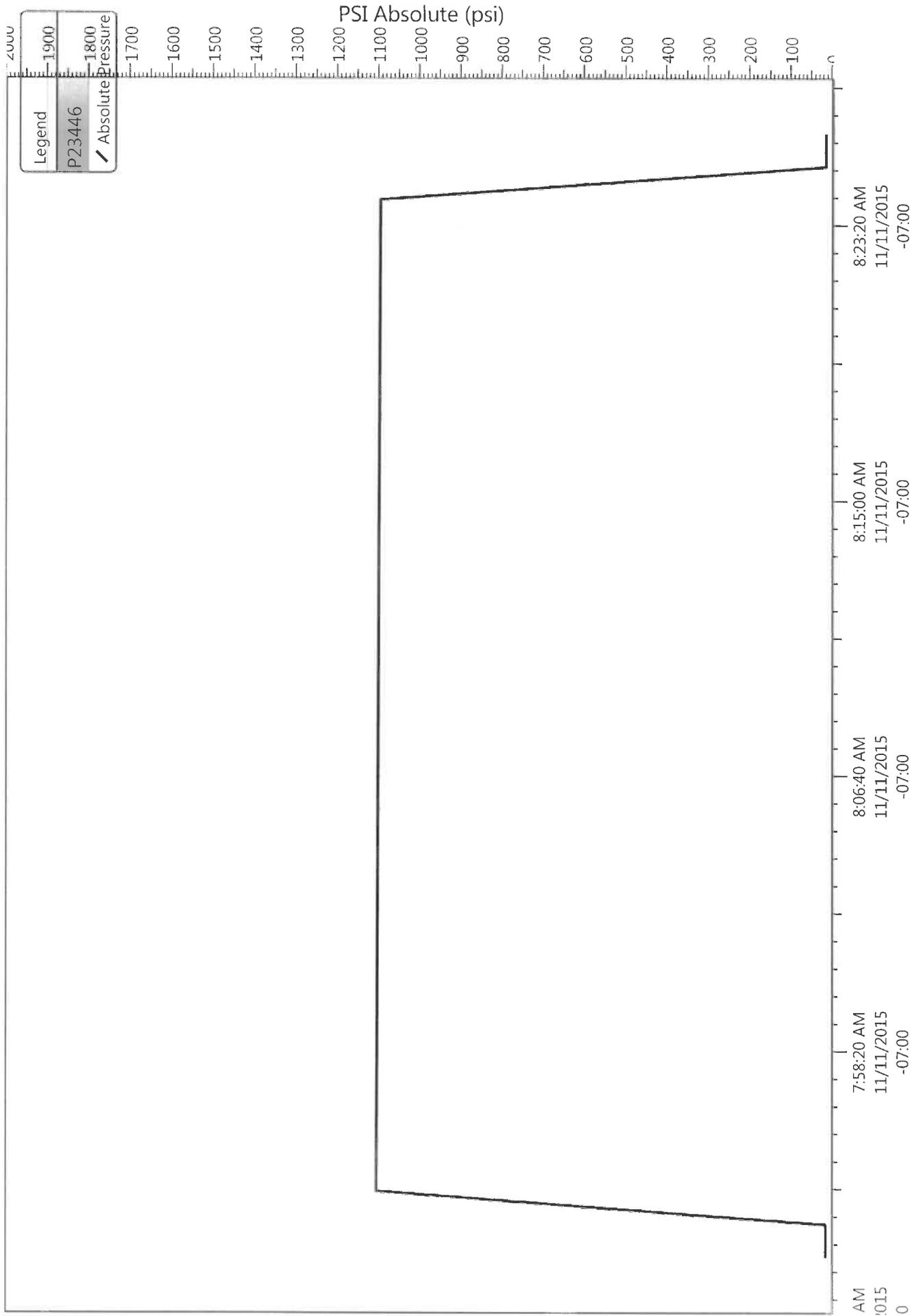
Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

3-30-8-17 5 year MIT
11/11/2015 7:51:42 AM



Tar Sands Federal #3-30-8-17

Spud Date: 12/13/96
 Put on Production: 1/27/97
 Put on Injection: 7/31/98
 GL: 5349' KB: 5362'

Initial Production: 109 BOPD.
 172 MCFPD, 4 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (294.37')
 DEPTH LANDED: 293' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt. est 6 bbls to surf

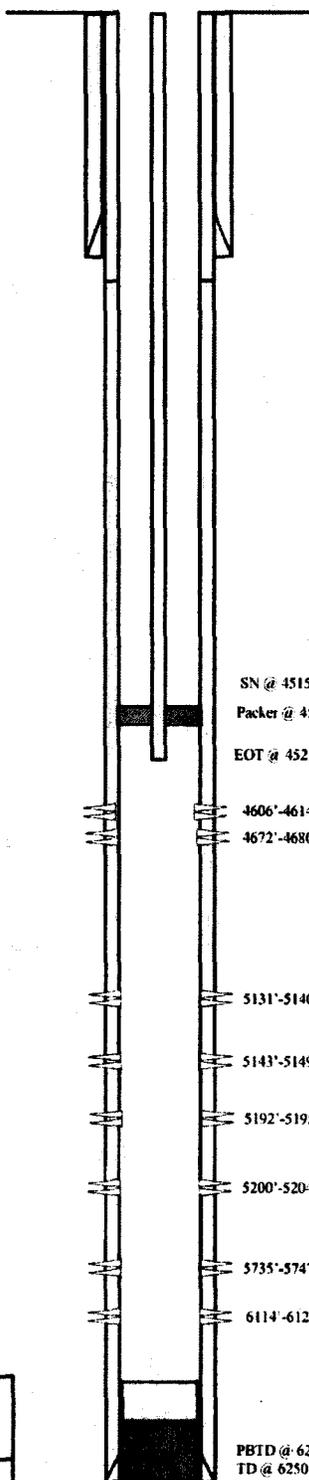
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts. (6262.80')
 DEPTH LANDED: 6261'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 460 sk Hibond mixed & 470 sxs thixotropic
 CEMENT TOP AT: 691' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 146 jts. (4501.73')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4514.73'
 TOTAL STRING LENGTH: EOT @ 4523.28' KB

Injection Wellbore Diagram



FRAC JOB

1/15/97 5735'-5747' Frac A-3 sand as follows:
 96,000# of 20/40 sand in 553 bbls of Boragel.
 Breakdown @ 3000 psi. Treated @ avg rate of
 25.5 bpm w/avg press of 2450 psi. ISIP-
 1927 psi, 5-min 1812 psi.

1/17/97 5131'-5140' Frac D-1 and D-2 sands as follows:
 75,800# of 20/40 sand in 465 bbls of Boragel.
 Breakdown @ 2892 psi. Treated @ avg rate of
 23 bpm w/avg press of 1600 psi. ISIP-1903
 psi, 5-min 1369 psi.

1/16/06 6114'-6122' Frac CP2 sands as follows:
 Breakdown @ 3428 psi. Treated @ avg rate of
 14.4 bpm, w/avg pressure of 5273' psi. ISIP
 1950 psi.

1/16/06 4606'-4680' Frac GB4 and GB6 sands as follows:
 27,324# of 20/40 sand in 254 bbls of lightning
 frac 17 fluid. Treated @ avg rate of 14.5 bpm,
 and avg pressure of 2761 psi. ISIP 1900 psi.

PERFORATION RECORD

Date	Depth Range	Number of Holes	Hole Type
1/14/97	5735'-5747'	4	JSPF 48 holes
1/17/97	5131'-5140'	4	JSPF 36 holes
1/17/97	5143'-5149'	4	JSPF 24 holes
1/17/97	5192'-5195'	4	JSPF 12 holes
1/17/97	5200'-5204'	4	JSPF 16 holes
1/16/06	6114'-6122'	4	JSPF 32 holes
1/16/06	4672'-4680'	4	JSPF 32 holes
1/16/06	4606'-4614'	4	JSPF 32 holes

NEWFIELD

Tar Sands Federal #3-30-8-17
 584 FNL & 1898 FWL
 NENW Section 30-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31755; Lease #U-74869