

UTAH OIL AND GAS CONSERVATION COMMISSION

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

970909 Prod. LOC fr. 610 FNL 660 FEL to 627 FNL 670 FEL
 971003 footage fr 627 FNL } 670 FEL

DATE FILED JUNE 11, 1997

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

DRILLING APPROVED AUGUST 5, 1997

SPUDDED IN 8.16.97

COMPLETED 9.16.97 POW PUT TO PRODUCING

INITIAL PRODUCTION 130 Bbl, 266 Mcf, 21 Bbl

GRAVITY API 2.0

GOR
 PRODUCING ZONES 4058 - 5432' PERV

TOTAL DEPTH 6250'

WELL ELEVATION 5298' PER

DATE ABANDONED:
 FIELD: MONUMENT BUTTE

UNIT:
 COUNTY: DUCHESNE

WELL NO TAR SANDS FEDERAL 1-30 API NO. 43-013-31898

LOCATION 593 FNL FT. FROM (N) (S) LINE. 670 FEL FT. FROM (E) (W) LINE. NE NE 1/4 - 1/4 SEC 30

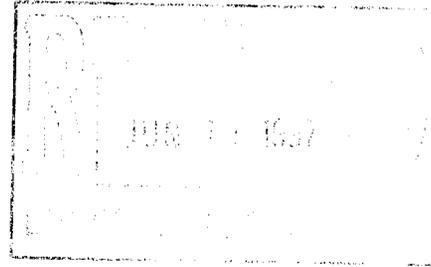
TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
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8S 17E 30 INLAND PRODUCTION

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
Cocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Junta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Garden gulch	Dakota	Park City	McCracken
POINT 3	Burro Canyon	Rico (Goodridge)	Aneth
X marker	Cedar Mountain	Supai	Simonson Dolomite
Y marker	Buckhorn	Wolfcamp	Sevy Dolomite
DONALD'S Creek	JURASSIC	CARBON I FEROUS	North Point
Carbonate	Morrison	Pennsylvanian	SILURIAN
B limstone	Salt Wash	Oquirrh	Laketown Dolomite
CASTLE PEAK	San Rafael Gr.	Weber	ORDOVICIAN
flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		



June 6, 1997



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

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

ATTENTION: Ed Forsman/Wayne Bankert

**RE: Tar Sands Federal #1-30
Monument Butte Federal #16-27**

Gentlemen,

Enclosed are the original's and two copies (each) of the Application For Permit To Drill, for the above referenced locations. Copies will also be submitted to the State of Utah.

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*

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL** **DEEPEN**

1b. TYPE OF WELL

OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

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.
#1-30

10. FIELD AND POOL OR WILDCAT
Monument Butte

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

12. County
Duchesne

13. STATE
UT

2. NAME OF OPERATOR
Inland Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At Surface **NE/NE**
At proposed Prod. Zone **610' FNL & 660' FEL**

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)
610'

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.
1370'

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5297.9' GR

22. APPROX. DATE WORK WILL START*
3rd Quarter 1997

23. **PROPOSED CASING AND CEMENTING PROGRAM**

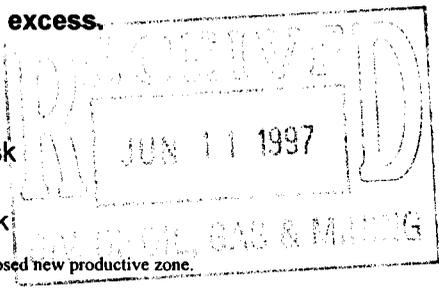
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	120 sx
7 7/8"	5 1/2"	15.5#	TD	400 sx followed by 330 sx
				See Detail Below

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

SURFACE PIPE - Premium Plus Cement, w/ 2% Gel, 2% CaCl₂, 1/4# /sk Flocele
 Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂O Req: 6.4 Gal/sk

LONG STRING - Lead: Hibond 65 Modified
 Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H₂O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic
 Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 Gal/sk



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

24. SIGNED Brad Mecham TITLE District Manager DATE 5/28/97
Brad Mecham

(This space for Federal or State office use)

PERMIT NO. 43-013-31898 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 John R. Baga TITLE Associate Director DATE 8/5/97

***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.

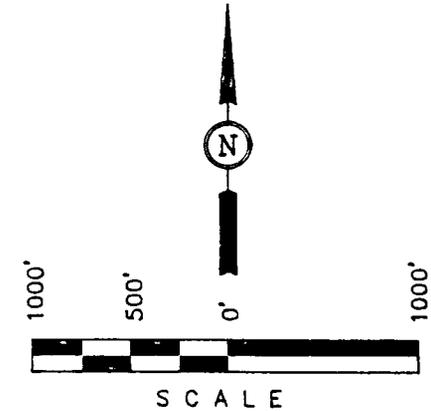
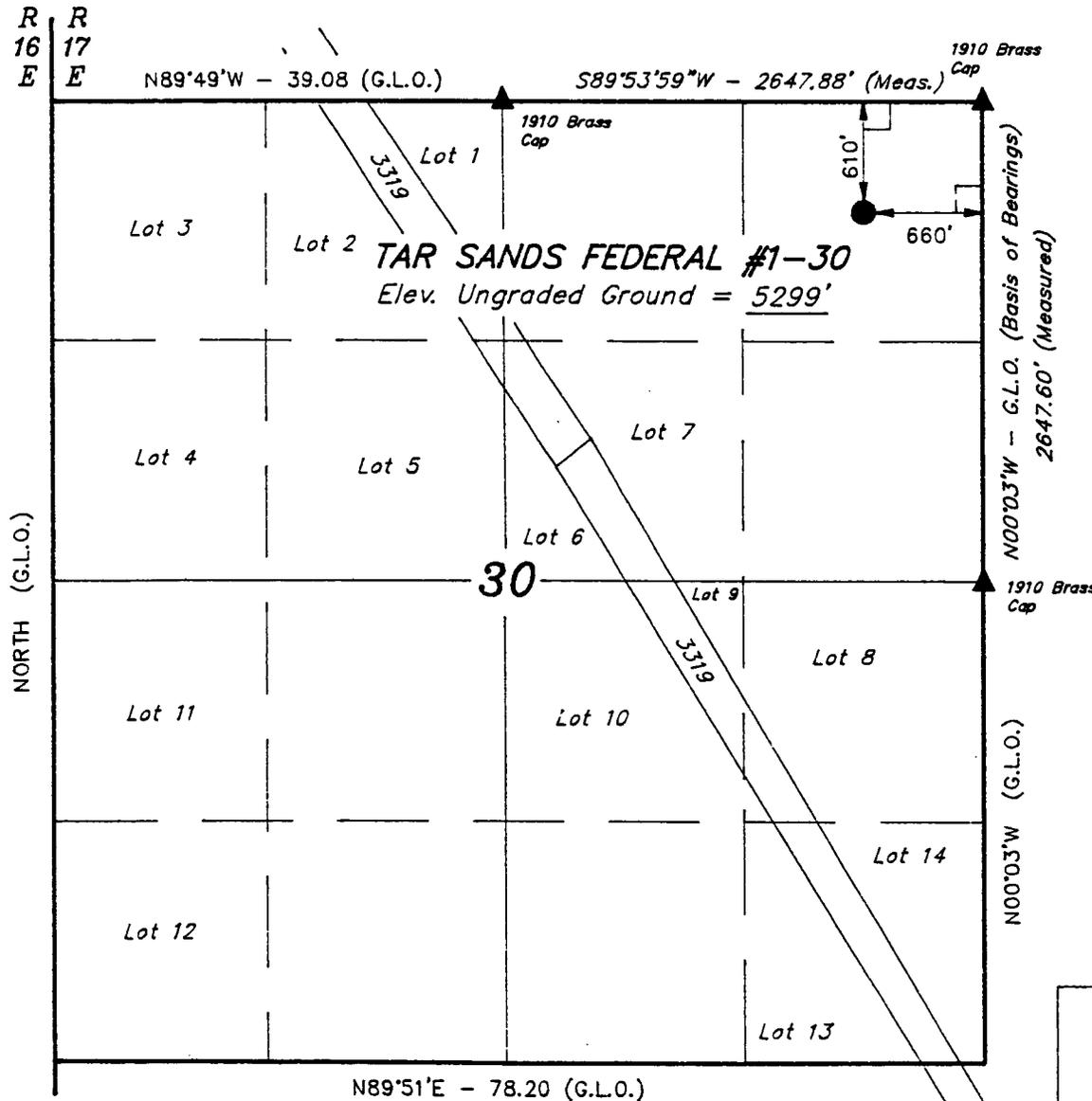
INLAND PRODUCTION CO.

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

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

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 30, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5294 FEET.



CERTIFICATE

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

ROBERT J. ROBERTS
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

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

LEGEND:

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

SCALE 1" = 1000'	DATE SURVEYED: 5-15-97	DATE DRAWN: 5-16-97
PARTY L.D.T. C.E. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #1-30
NE/NE 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 the third quarter of 1997 and take approximately six days to drill.

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #1-30
NE/NE 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 #1-30 located in the NE 1/4 NE 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 its junction with an existing dirt road to the east, proceed easterly .2 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 Tar Sands Federal #3-30 in the NE 1/4 NW 1/4 Section 30, T8S, R17E, S.L.B., and proceeds in a easterly direction approximately .3 miles to the proposed location site.

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

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

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 thirteen (13) producing oil wells and one (1) P&A Inland Production well, and one (1) P&A Equitable Resources well, within a one (1) mile radius of this well. See Exhibit "D".

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

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

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

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

Tank batteries will be built to BLM specifications.

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 1-30. A temporary line may be used for water transportation from our existing supply line, from Johnson Water District (See Exhibit "G"), or 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 40 X 8' 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 5 & 6.

No flare pit will be used at this location.

The stockpiled topsoil (first six (6) inches) will be windrowed on the northeast corner, between stakes 1 & 3.

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

Corners 2 & 6 will be rounded to avoid drainage.

Fencing Requirements

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

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

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

10. PLANS FOR RESTORATION OF SURFACE**a) *Producing Location***

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

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

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

b) *Dry Hole Abandoned Location*

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

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

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

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

Inland Production Company requests that a pipeline ROW be granted to the Tar Sands Federal #1-30, from the Tar Sands Federal #4-29, for a 3" poly gas line and a 4" poly return line. Both lines will be run on surface, adjacent to road-way. A temporary line may be used from Johnson Water District to provide water for drilling and completion. See Exhibit "G."

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 #1-30, 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 #1-30, 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

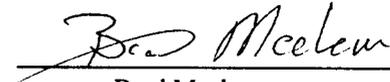
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Tar Sands Federal #1-30 NE/NE 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.

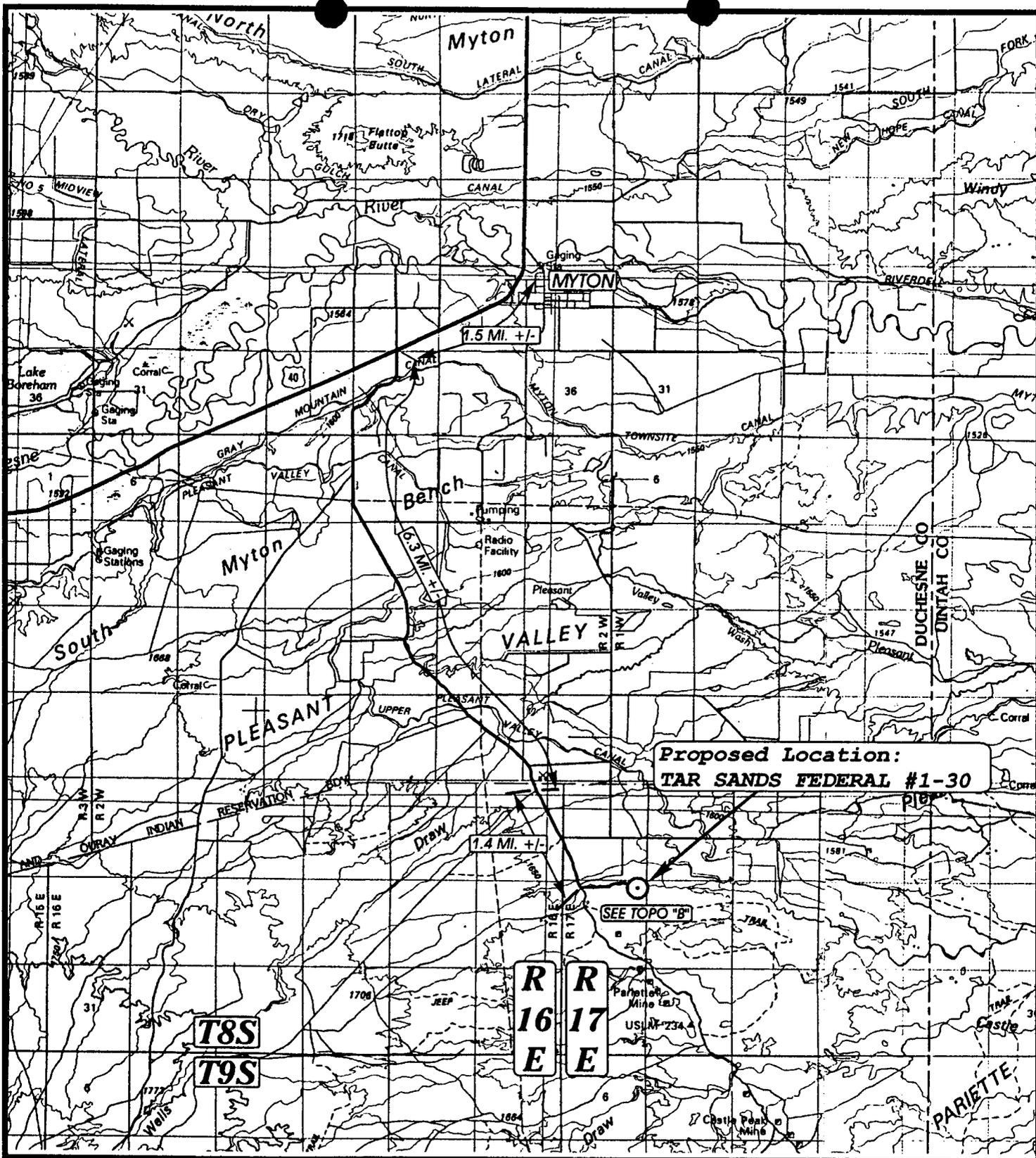
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with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

6-2-97

Date



Brad Mecham
District Manager



**Proposed Location:
TAR SANDS FEDERAL #1-30**

SEE TOPO 'B'

**T8S
T9S**

**R
16
E
R
17
E**

UEIS

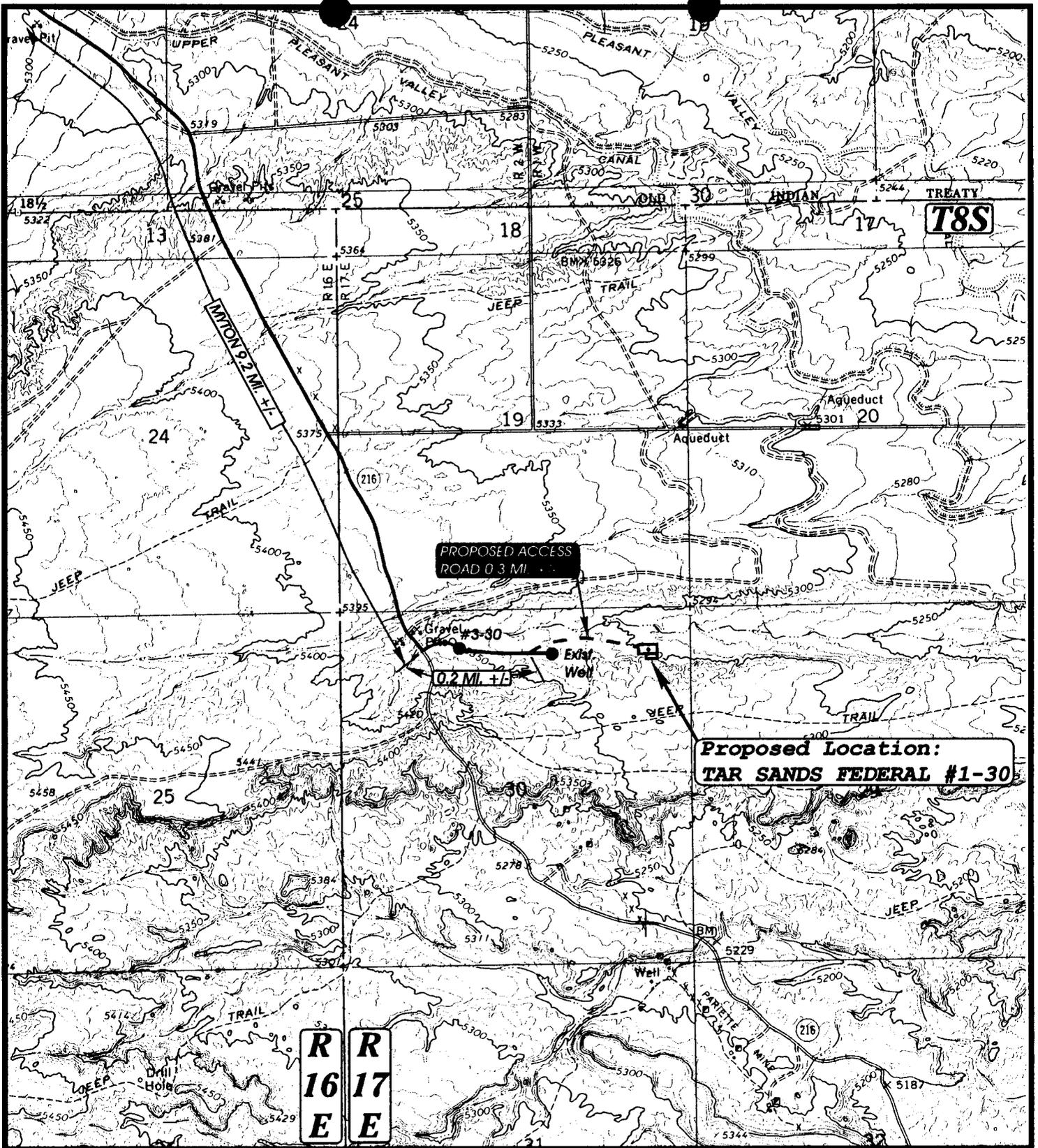
**TOPOGRAPHIC
MAP "A"**

**DATE: 5-16-97
Drawn by: J.L.G.**



**INLAND PRODUCTION CO.
TAR SANDS FEDERAL #1-30
SECTION 30, T8S, R17E, S.L.B.&M.
610' FNL 660' FEL**

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



PROPOSED ACCESS ROAD 0.3 MI

0.2 MI +/-

Proposed Location:
TAR SANDS FEDERAL #1-30

R R
16 17
E E

UELS

TOPOGRAPHIC MAP "B"

DATE: 5-16-97
Drawn by: J.L.G.

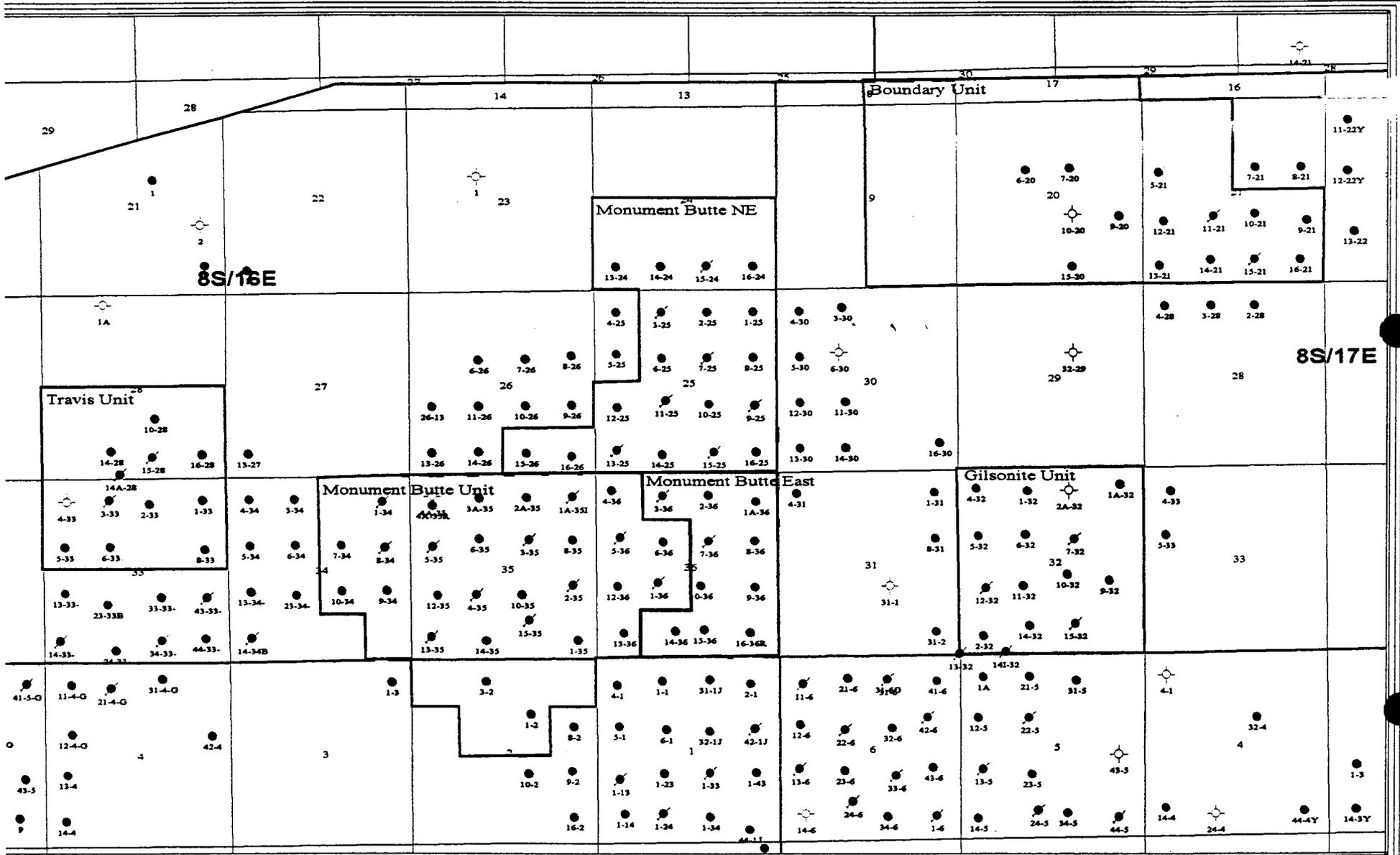


INLAND PRODUCTION CO.
TAR SANDS FEDERAL #1-30
SECTION 30, T8S, R17E, S.L.B.&M.
610' FNL 660' FEL

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

SCALE: 1" = 2000'

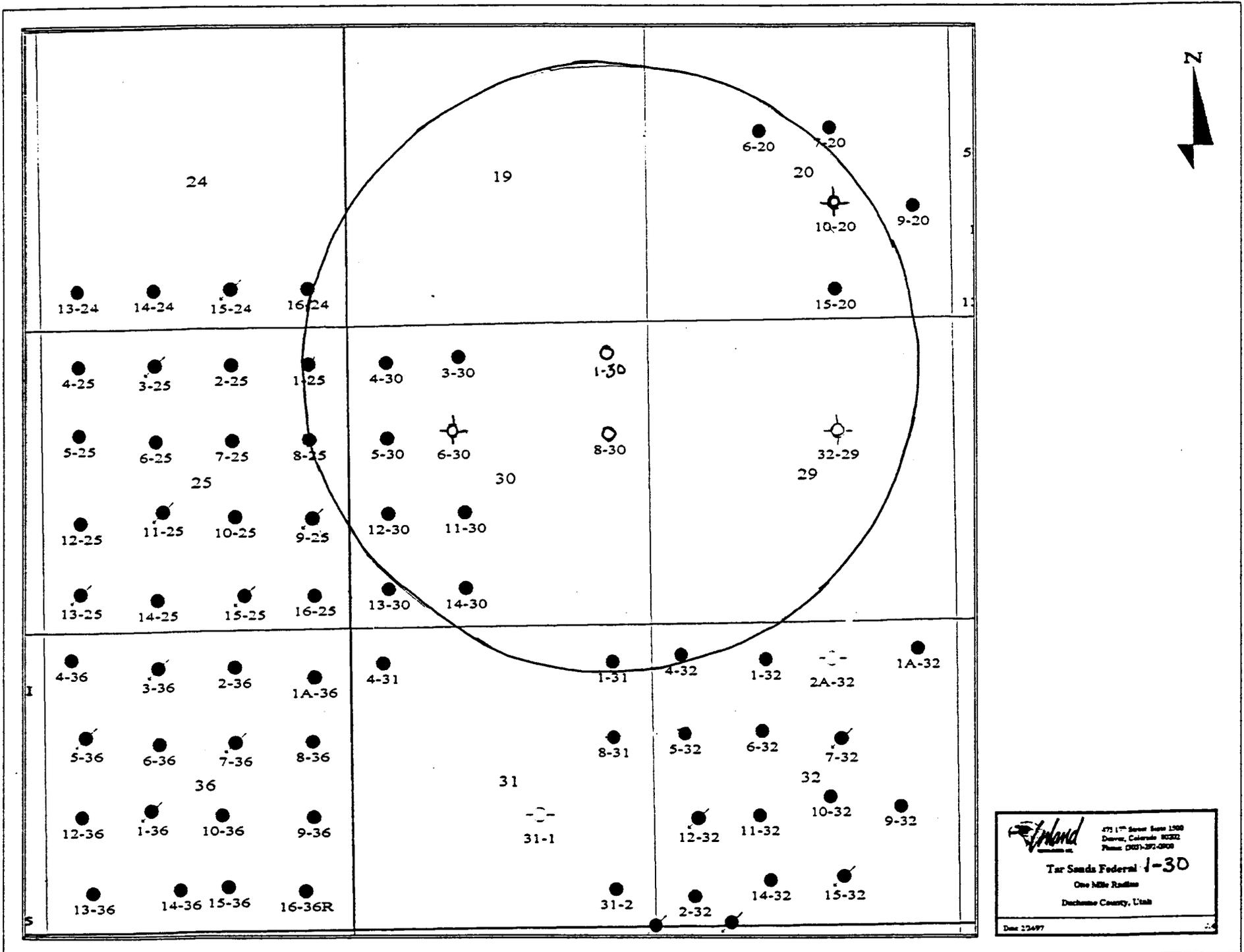
EXHIBIT "C"




 475 17th Street Suite 1500
 Denver, Colorado 80202
 Phone: (303) 292-0900
 Regional Area
 Duchesne County, Utah
 Date: 6/18/97 J.A.



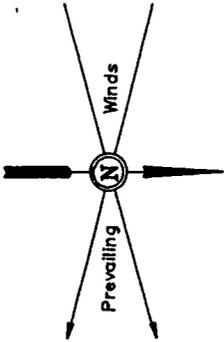
EXHIBIT "D"



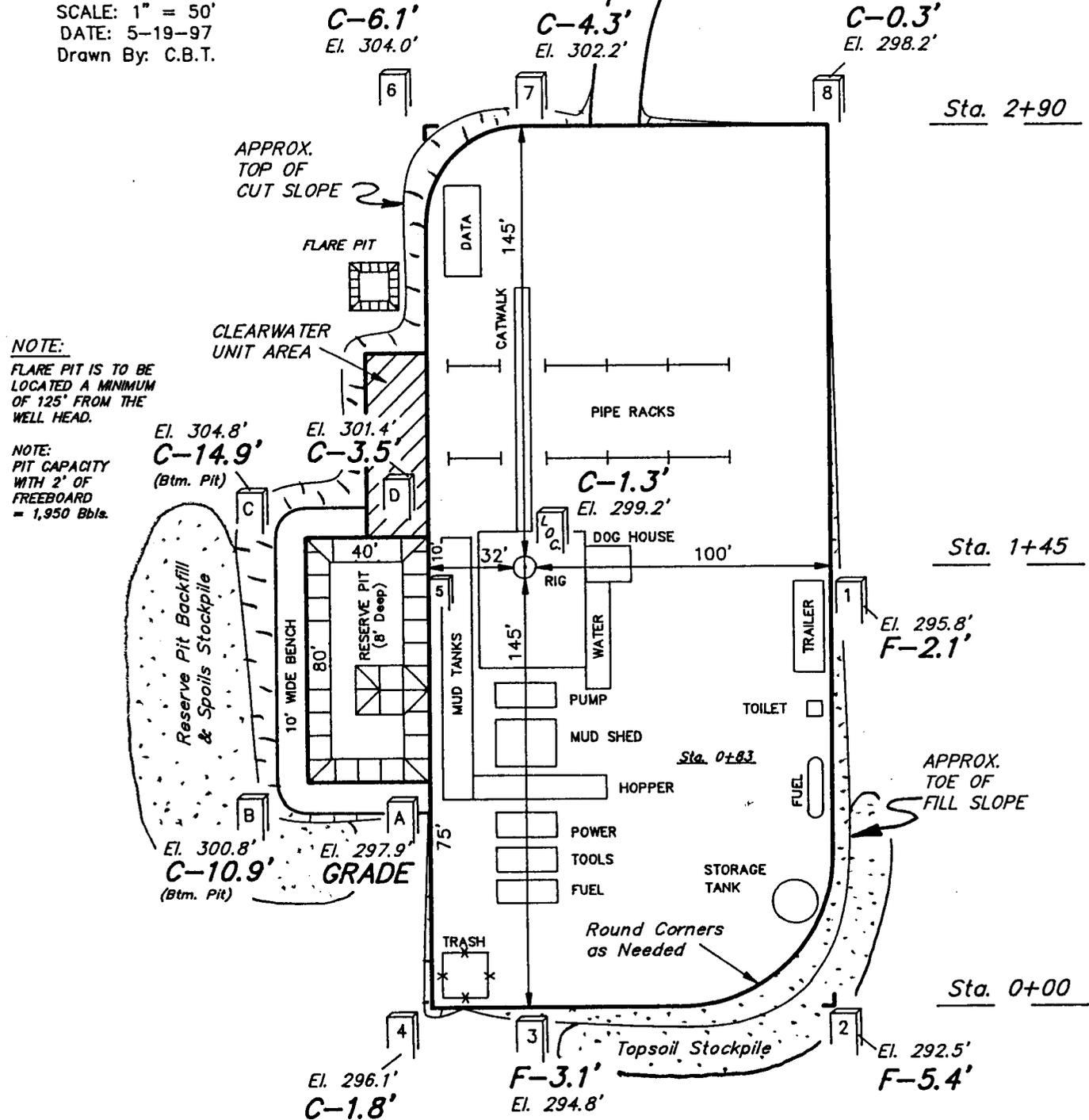
INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

TAR SANDS FEDERAL #1-30
SECTION 30, T8S, R17E, S.L.B.&M.
610' FNL 660' FEL



SCALE: 1" = 50'
DATE: 5-19-97
Drawn By: C.B.T.



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

NOTE:
PIT CAPACITY WITH 2' OF FREEBOARD = 1,950 Bbls.

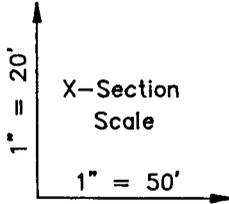
Elev. Ungraded Ground at Location Stake = 5299.2'
Elev. Graded Ground at Location Stake = 5297.9'

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

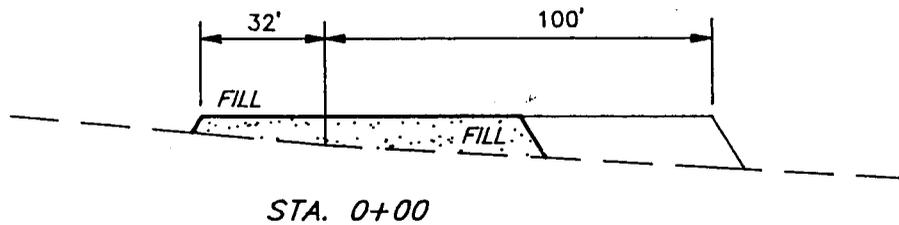
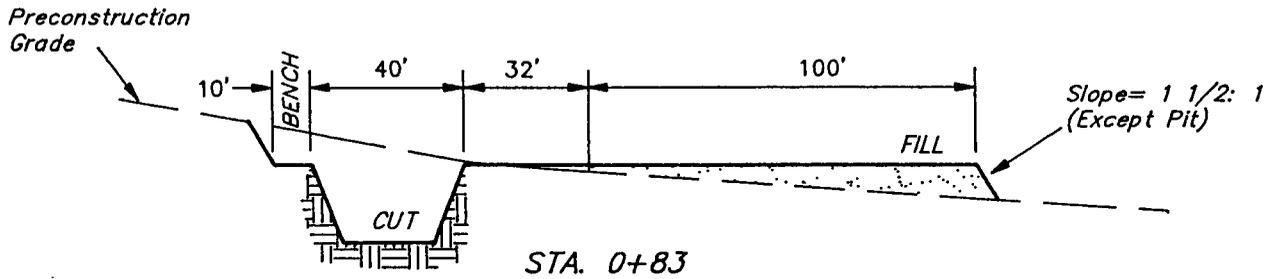
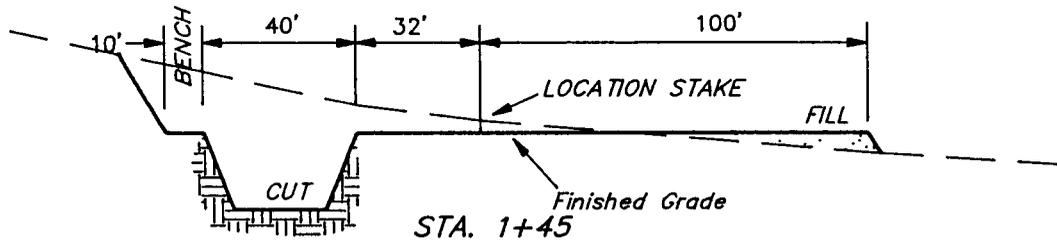
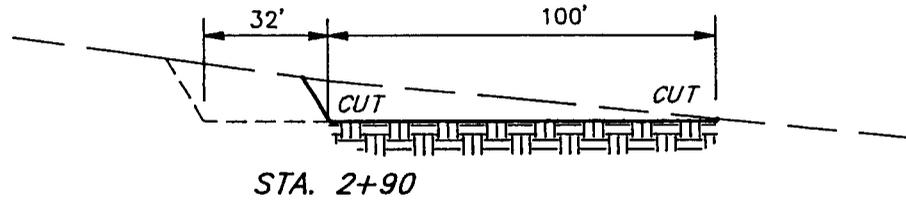
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

**TAR SANDS FEDERAL #1-30
SECTION 30, T8S, R17E, S.L.B.&M.
610' FNL 660' FEL**



DATE: 5-19-97
Drawn By: C.B.T.



APPROXIMATE YARDAGES

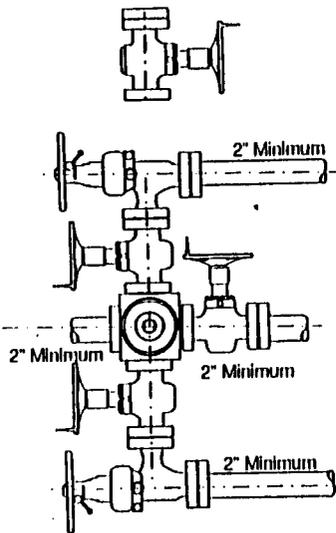
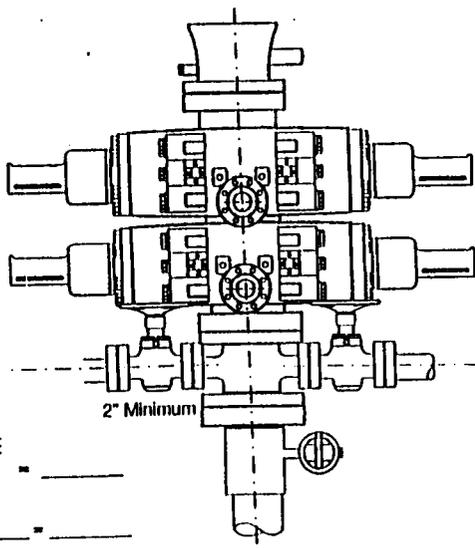
CUT	
(6") Topsoil Stripping	= 780 Cu. Yds.
Remaining Location	= 2,460 Cu. Yds.
TOTAL CUT	= 3,240 CU.YDS.
FILL	= 2,040 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,090 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,090 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 0 Cu. Yds.

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85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

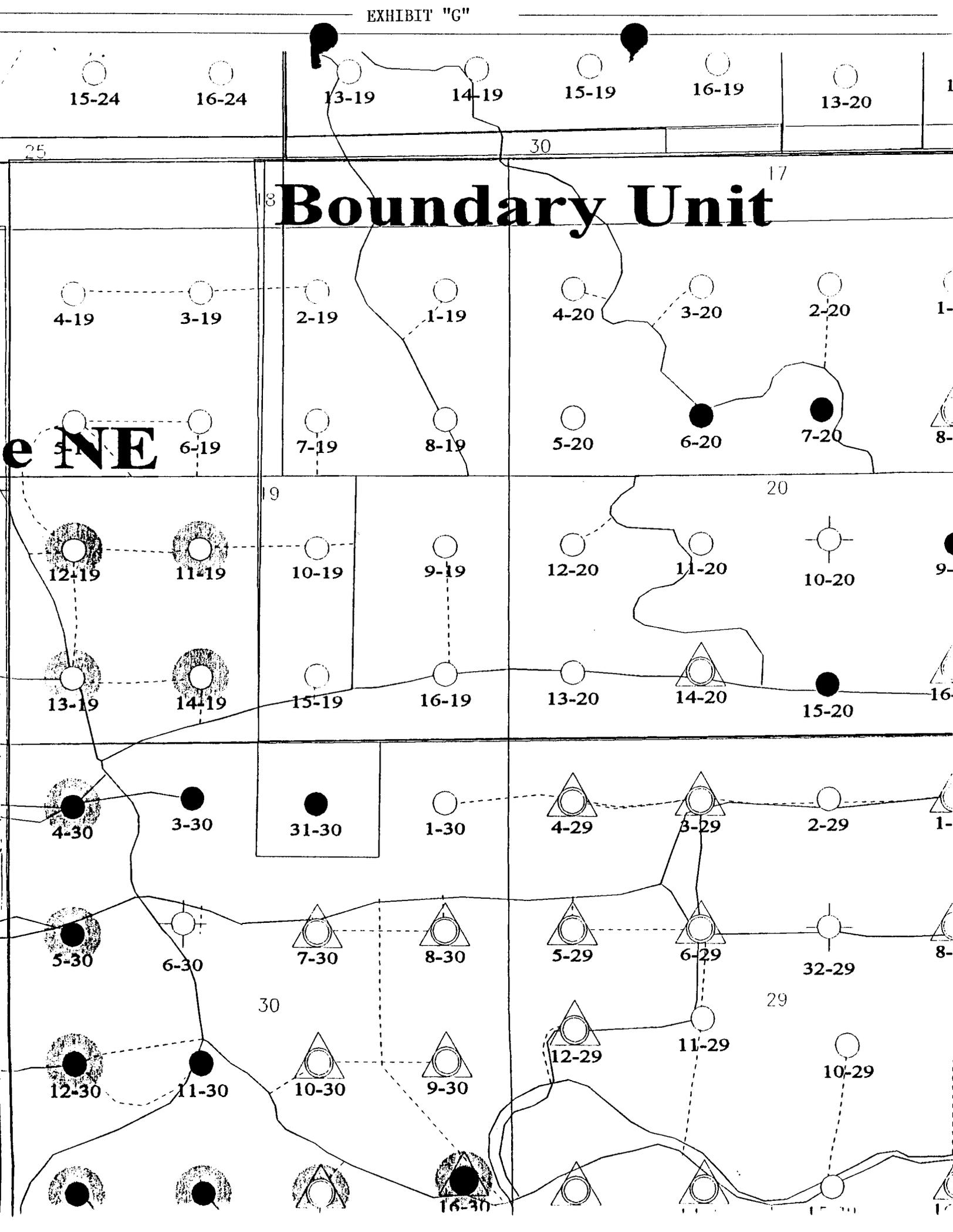
RAM TYPE B.O.P.
 Make:
 Size:
 Model:

2-M SYSTEM



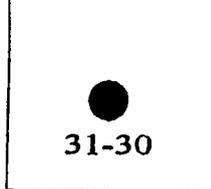
GAL TO CLOSE
 Annular BOP = _____
 Ramtype BOP
 _____ Rams x _____ = _____ Gal.
 _____ x 2 = _____ Total Gal.

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



Boundary Unit

e NE



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/11/97

API NO. ASSIGNED: 43-013-31898

WELL NAME: TAR SANDS FEDERAL 1-30
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
 NENE 30 - T08S - R17E
 SURFACE: 0610-FNL-0660-FEL
 BOTTOM: 0610-FNL-0660-FEL
 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: _____

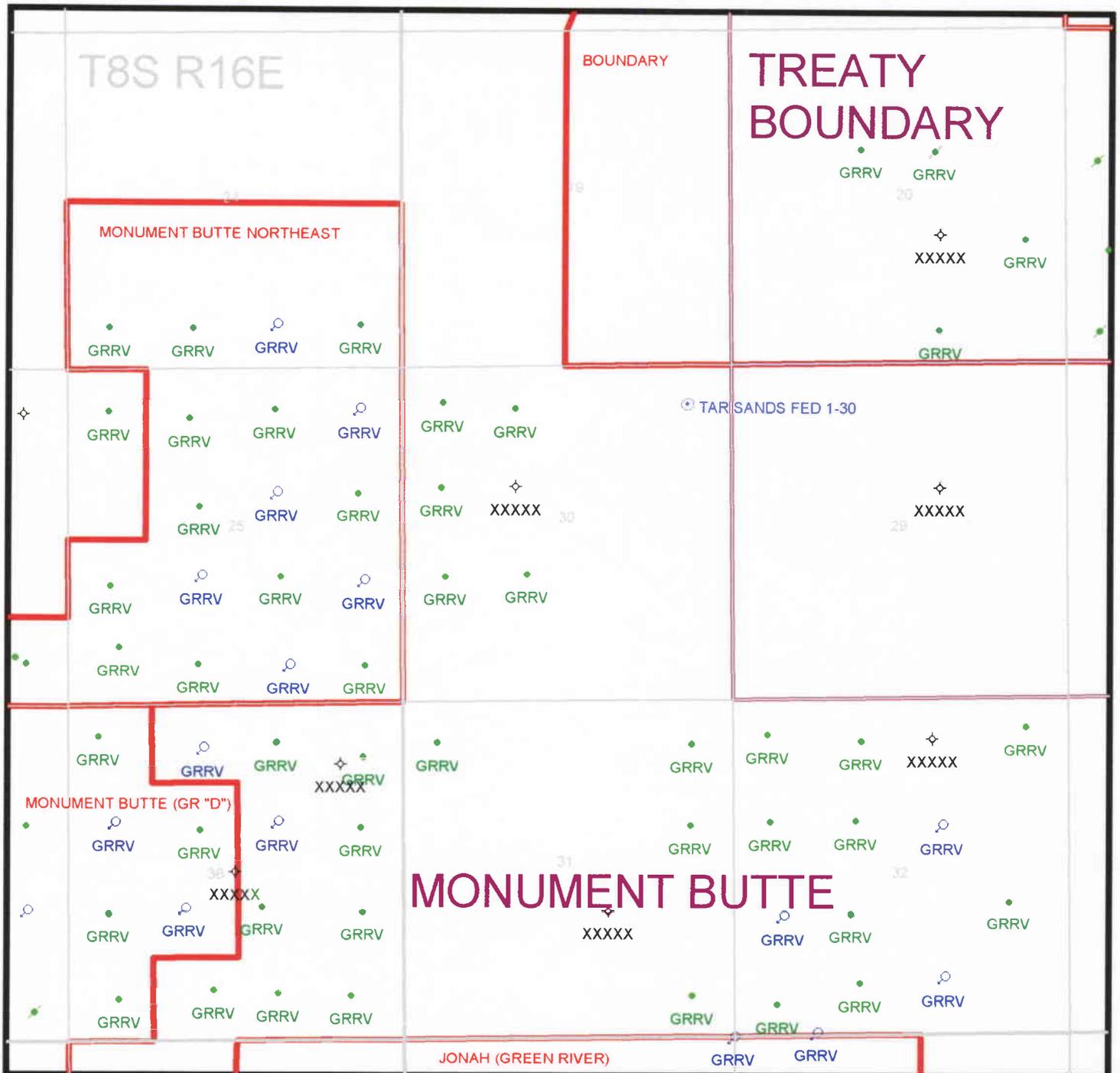
STIPULATIONS: _____

OPERATOR: INLAND PRODUCTION (N5160)

FIELD: MONUMENT BUTTE (105)

SEC, TWP, RNG: 30, T8S, R17E

COUNTY: DUCHESNE UAC: R649-3-2



PREPARED:
DATE: 18-JUNE-97



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)

August 5, 1997

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

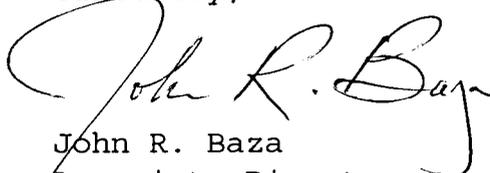
Re: Tar Sands Federal 1-30 Well, 610' FNL, 660' FEL, NE NE,
Sec. 30, T. 8 S., R. 17 E., Duchesne County, Utah

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 43-013-31898.

Sincerely,


John R. Baza
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 1-30
API Number: 43-013-31898
Lease: U-74869
Location: NE NE 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 John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

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

NO 405

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <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, ALOTTEE 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		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/NE At proposed Prod. Zone 610' FNL & 660' FEL		9. WELL NO. #1-30
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) 610'	16. NO. OF ACRES IN LEASE 1968.01	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T8S, R17E
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. 1370'	12. County Duchesne
19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary	13. STATE UT
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5297.9' GR		22. APPROX. DATE WORK WILL START* 3rd Quarter 1997

Phone: (801) 789-1866
RECEIVED
JUN 10 1997

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
7 7/8"	5 1/2"	15.5#	TD	400 sx followed by 330 sx
				See Detail Below

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

SURFACE PIPE - Premium Plus Cement, w/ 2% Gel, 2% CaCl₂, 1/4# /sk Flocele
Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂O Req: 6.4 Gal/sk

LONG STRING - Lead: Hibond 65 Modified
Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H₂O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 Gal/sk

RECEIVED
AUG 06 1997
DIV. OF OIL, GAS & MINING

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

24. SIGNED Brad Mecham TITLE District Manager DATE 5/28/97

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Jerry Kinigh **ACTING** Assistant Field Manager Mineral Resources DATE AUG 04 1997

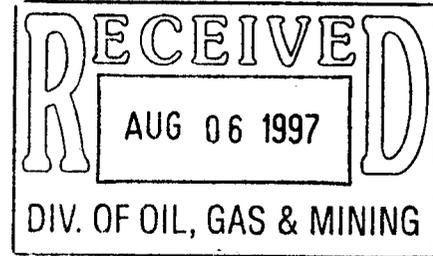
COPIES OF APPROVAL **CONDITIONS OF APPROVAL ATTACHED**

***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.

107050-711-284

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL



Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Federal 1-30

API Number: 43-013-31898

Lease Number: U - 74869

Location: NENE 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 the field representative to insure compliance.

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

3. Casing Program and Auxiliary Equipment

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water, identified at 312 ft. or by setting surface casing to 350 ft. and having a cement top for the production casing at least 200 ft. above the highest potential productive zone. If gilsonite is encountered while drilling, it shall be isolated. 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.

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

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.

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

Ed Forsman (801) 789-7077
Petroleum Engineer

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

Jerry Kenczka (801) 781-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Location Reclamation

The reserve pit and those portions of the location not needed for production facilities and/or operations shall be reclaimed and recontoured in accordance with the APD.

Stockpiled topsoil shall then be spread over the rehabilitated areas to approximate the original topsoil thickness.

Immediately after spreading, the rehabilitated areas and the remaining topsoil stockpile shall be seeded by drilling with the following seed mixture:

globemallow	Sporobolus cryptandrus	2 lbs/acre
Shadscale	Atriplex confertifolia	3 lbs/acre
Fourwing saltbush	Atriplex canescens	4 lbs/acre
Galleta	Haliaria jamesii	3 lbs/acre

If the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Upon final abandonment if additional recontouring is needed for these areas, the topsoil shall be removed prior to the final recontouring.

Recontour all disturbed areas to blend in appearance with the surrounding terrain.

All topsoil shall be spread over the recontoured surface.

MOUNTAIN PLOVERS & BURROWING OWLS

No surface disturbing activities, construction, surface gas line, 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.

Grading activities and new road construction shall be minimized during the period from May 25 through June 30.

Raptor Habitat

If this is a producing well the operator is required to install a hospital type muffler or a multicylinder engine to the pumping unit to limit noise impacts to nesting raptor species.

Surface Gas Line

No installation of the proposed surface line will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three inches deep, the soil will be deemed too wet to adequately support this equipment.

Where possible the line shall be placed as close to existing oil field roads as possible without interfering with normal road travel or maintenance activities. For the line that is not installed along an existing road but across country, after installation, travel on the line will be infrequent and for maintenance needs only. If surface disturbance occurs along the line the operator will be required to perform restoration of the land.

All surface lines will be either black or brown in color.

If the line is to be installed between March 15 and August 15 see Mountain Plover condition above.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: TAR SANDS FEDERAL 1-30

Api No. 43-013-31898

Section: 30 Township: 8S Range: 17E County: DUCHESNE

Drilling Contractor: UNION

Rig # 7

SPUDDED:

Date: 8/16/97

Time: 1:00 PM

How: ROTARY

Drilling will commence: _____

Reported by: FAX

Telephone NO.: _____

Date: 8/20/97 Signed: JLT

✓

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

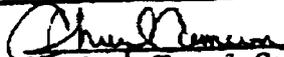
OPERATOR ACCT. NO. # 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	APT NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					00	SE	FP	RE			
	99999		43-013-31898	Tar Sands Federal #1-30	WEST	30	8S	17E	Duchesne	8/16/97	8/16/97
WELL 1 COMMENTS: Spud surface hole w/ Rotary Rig, Union #7.											
	99999		43-013-31902	NMBF #4-26	NWNW	26	8S	16E	Duchesne	8/18/97	8/18/97
WELL 2 COMMENTS: Spud surface hole w/ Leon Ross Rathole Rig.											
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.


Signature Cheryl Cameron
RCS 8/19/97
Title Date
Phone No. (801) 789-1866

INLAND PRODUCTION CO. TEL: 801-722-5103 HUG 19,97 16:17 NO.005 P.03

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
Inland Production Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE/NE 627' FNL & 670' FEL
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 #1-30

9. API Well No.
43-013-31898

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

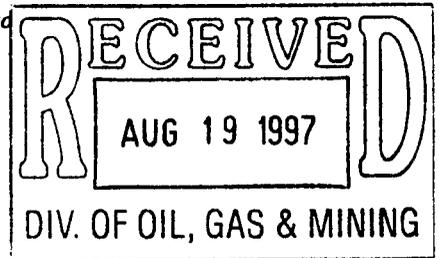
TYPE OF SUBMISSION		TYPE OF ACTION			
<input type="checkbox"/>	Notice of Intent	<input type="checkbox"/>	Abandonment	<input checked="" type="checkbox"/>	Change of Plans
<input checked="" type="checkbox"/>	Subsequent Report	<input type="checkbox"/>	Recompletion	<input type="checkbox"/>	New Construction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

Inland Production requests that the attached Regulation Variance's be granted (Please refer to attachment "A") for the continued drilling operations for Ari Drilling with Union, Rig # 7, and Attachment "B", for a typical rig layout for Union Rig.

Inland Production Company requests that authorization be granted a location move from the original footage permitted at 610' FNL & 660' FEL to 627' FNL & 670' FEL, in order to accommodate the drilling rig, Union, Rig #7. Please refer to the revised location plat.



14. I hereby certify that the foregoing is true and correct
 Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **8/11/97**
Cheryl Cameron

(This space of Federal or State office use.)

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

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

Attachment "A"

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

RE: Regulation Variance for continued drilling operations for Air Drilling with Union, Rig #7.

Tar Sands Federal #1-30
NE/NE Sec. 30, T8S, R17E
Lease No. U-74869

- (1) Inland Production Company requests that the mud type and program variance be granted for the following:

MUD PROGRAM

MUD PROGRAM

Surface - 320'
320' - 4200'
4200' - TD

MUD TYPE

Air
Air/Mist & Foam
The well will be drilled with fresh water through the Green River Formation @ 4200' ± , 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.

- (2) Inland Production Company requests that a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns.
- (3) Inland Production Company requests that a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Page 2

- (4) Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

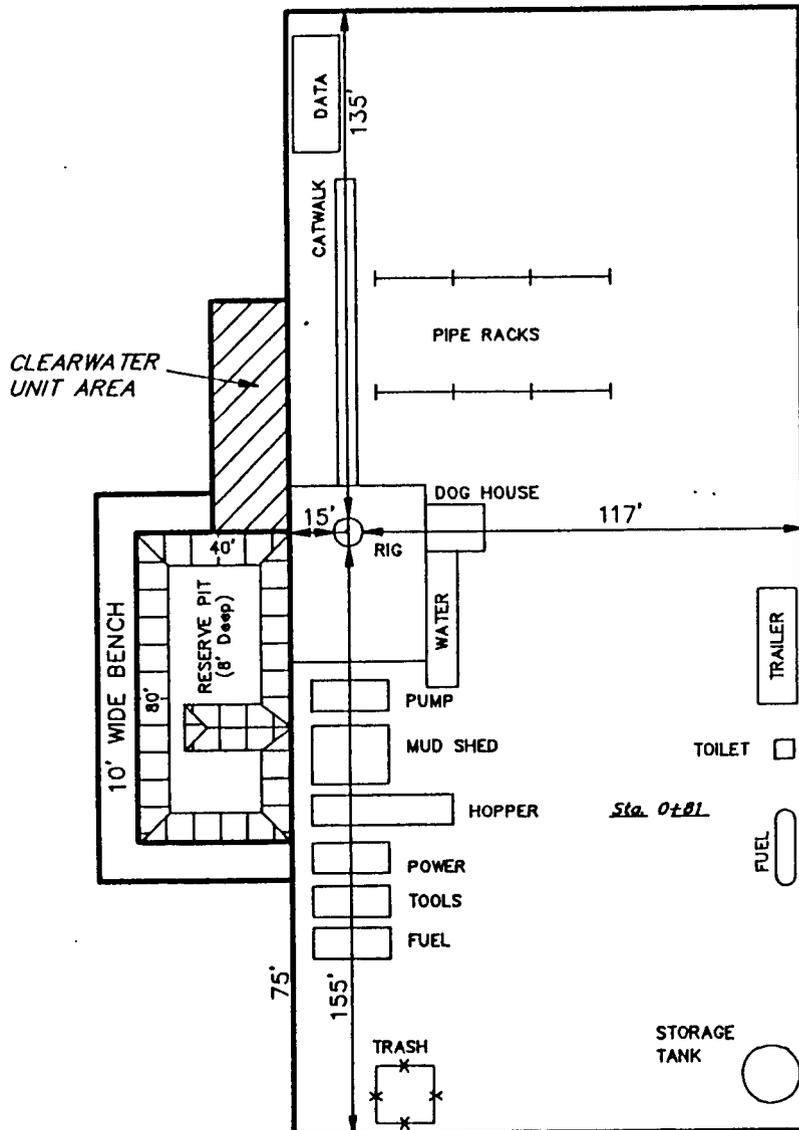
INLAND PRODUCTION CO.

TYPICAL RIG LAYOUT FOR

UNION RIG

SCALE: 1" = 50'
DATE: 08-06-97
Drawn By: D.R.B.

NOTE:
PIT CAPACITY
WITH 2' OF
FREEBOARD
= 2,180 Bbls.



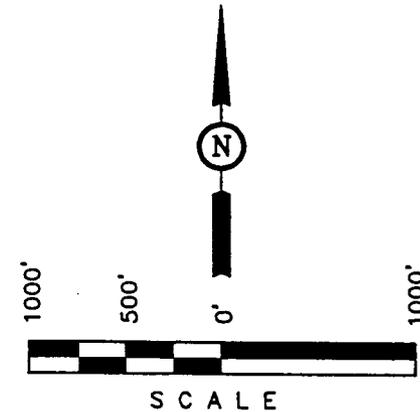
INLAND PRODUCTION CO.

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

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

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 30, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5294 FEET.



CERTIFICATE

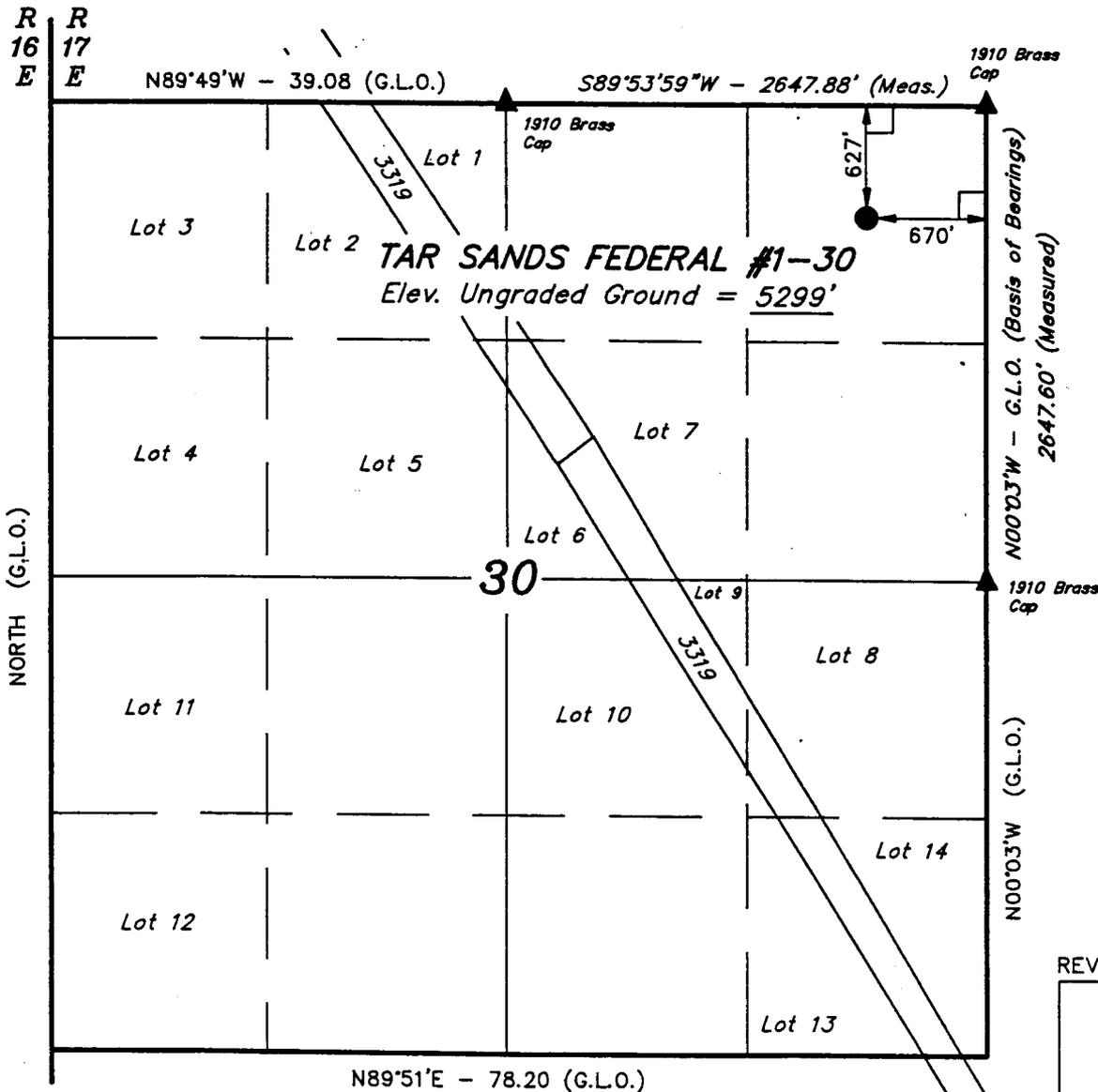
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 181319
 STATE OF UTAH

REVISED: 8-13-97 D.COX

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

SCALE 1" = 1000'	DATE SURVEYED: 5-15-97	DATE DRAWN: 5-16-97
PARTY L.D.T. C.E. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	



LEGEND:

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

**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/NE
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 #1-30

9. API Well No.
43-013-31898

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

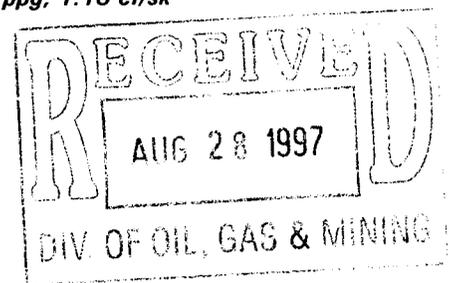
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other <u>Surface Spud</u>
	<input checked="" 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)

Drl 17 1/2" hole. Drl & set 15' of 13 3/8" conductor. Drl & set mousehole & rathole. Drl 12 1/4" surf hole from 21' - 327'. Set 8 5/8" 24# J-55 csg @ 308.91' KB. Pump 5 BDW & 20 BG. Cmt w/ 140 sx Prem + w/ 2% CC + 1/4#/sk flocele, 15.6 ppg, 1.18 cf/sk yield. Good returns w/ 9 BC to surface.

Spud surface hole @ 1:00 pm, 8/16/97w/ Union, Rig #7.



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

Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **8/21/97**
Cheryl Cameron

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

OPERATOR Inland Production Company
 ADDRESS P O Box 790233
Verona, MT 59079

OPERATOR ACCT. NO. M 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					CO	SC	TP	RG	COUNTY		
A	99999	12251	43-013-31898	Tar Sands Federal #1-30	VERM	30	8S	7E	Duchesne	8/16/97	8/16/97
WELL 1 COMMENTS: Spud surface hole w/ Rotary Rig, Union #7. <i>Entities added 10-30-97. See</i>											
	99999	12187	43-013-31902	NMBF #4-25	NNKW	26	8S	16E	Duchesne	8/18/97	8/18/97
WELL 2 COMMENTS: Spud surface hole w/ Leon Ross Rathole Rig. <i>Hawkeye (GPPV) Unit</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 COMMENT section to explain why each Action Code was selected.

Cheryl Cameron
 Signature Cheryl Cameron
 RCS Date 8/19/97
 Title Date
 Phone No. 801 789-1566

P.02
 146551229149
 INLAND PRODUCTION CO
 001-28-97 02:12 PM



Facsimile Cover Sheet

To: Lisha
Company: _____
Phone: _____
Fax: 359-3940

From: Margaret
Company: Inland Production Company
Phone: (801) 722-5103
Fax: (801) 722-9149

Date: 10/28/97
Pages including this cover page: 3

Comments:

Here is that entity form -
along with the form that
Cheryl sent w/ it.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
Inland Production Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**NE/NE
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 #1-30

9. API Well No.
43-013-31898

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other <u>Weekly Status</u>
	<input checked="" 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 8/18/97 - 8/22/97:

Finished drlg 7 7/8" hole from 327'-6250' w/ Union, Rig #7. Run 5 1/2" 15.5# J-55 csg to 6227'. Pump 20 BDW & 20 BG. Cmt w/ 310 sx Hibond 65 mod, 11.0 ppg, 3.0 cf/sk yield & 330 sx Thixo w/ 10% CalSeal, 14.2 ppg, 1.59 cf/sk yield. Good returns. Rig released @ 2:00 am, 8/23/97. RDMOL.

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

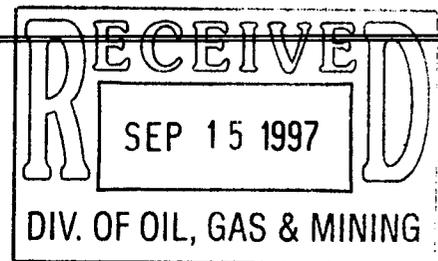
Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 8/22/97

(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.



*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

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/NE 593' ESL & 670' FEL Sec. 30, T8S, R17E FNL

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 #1-30

9. API Well No.

43-013-31898

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

[] Notice of Intent

[] Abandonment

[X] Change of Plans

[X] Subsequent Report

[] Recompletion

[] New Construction

[] Final Abandonment Notice

[] Plugging Back

[] Non-Routine Fracturing

[] Casing repair

[] Water Shut-off

[] Altering Casing

[] Conversion to Injection

[] Other _____

[] 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 that the attached Regulation Variance be granted for the continued drilling operations for Air Drilling with Union, Rig #7. Please refer to Attachment A.

Inland Production Company requests that authorization be granted a location move from the original footage of 610' FNL & 660' FEL to 593' FNL & 670' FEL, in order to accommodate the drilling rig, Union, Rig #7. Please refer to the revised location plat.

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

Signed Cheryl Cameron

Title Regulatory Compliance Specialist Date 9/19/97

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

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*See Instruction on Reverse Side

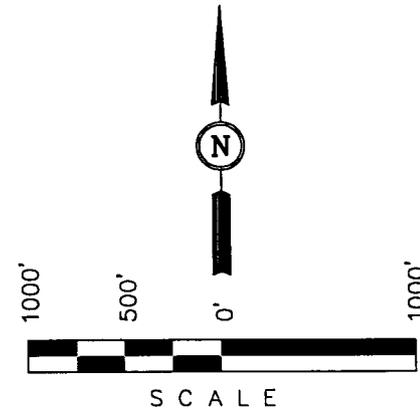
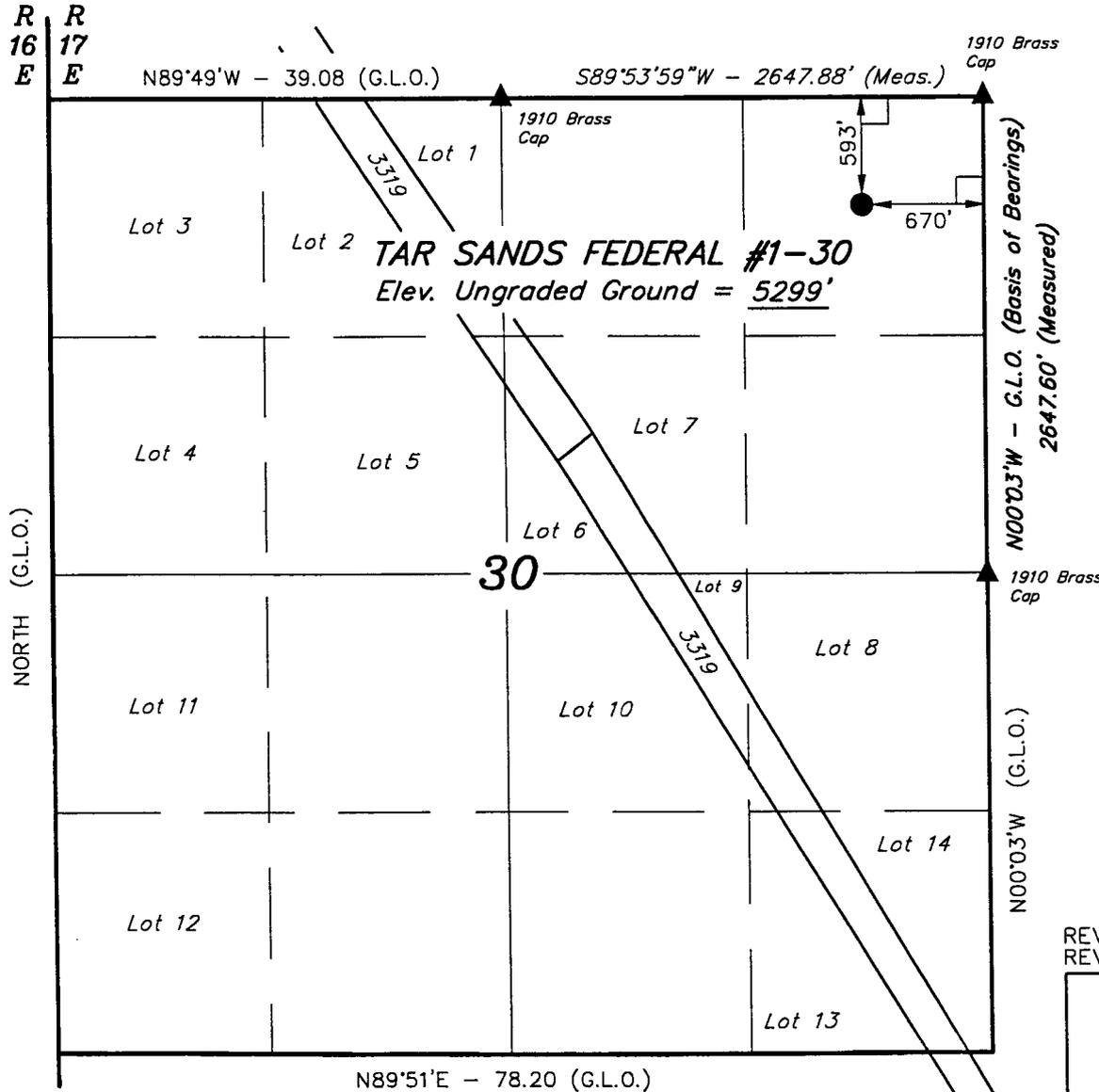
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

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

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 30, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5294 FEET.



CERTIFICATE

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

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

REVISED: 9-11-97 D.COX
 REVISED: 8-13-97 D.COX

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 5-15-97	DATE DRAWN: 5-16-97
PARTY L.D.T. C.E. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

LEGEND:

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

Attachment "A"

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

RE: Regulation Variance for continued drilling operations for Air Drilling with Union, Rig #7.

**Tar Sands Federal #1-30
NE/NE Sec. 30, T8S, R17E
Lease No. U-74869**

- (1) Inland Production Company requests that the mud type and program variance be granted for the following:

MUD PROGRAM

MUD PROGRAM

Surface - 320'
320' - 4200'
4200' - TD

MUD TYPE

Air
Air/Mist & Foam
The well will be drilled with fresh water through the Green River Formation @ 4200' ±, 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.

- (2) Inland Production Company requests that a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns.
- (3) Inland Production Company requests that a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Page 2

- (4) Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

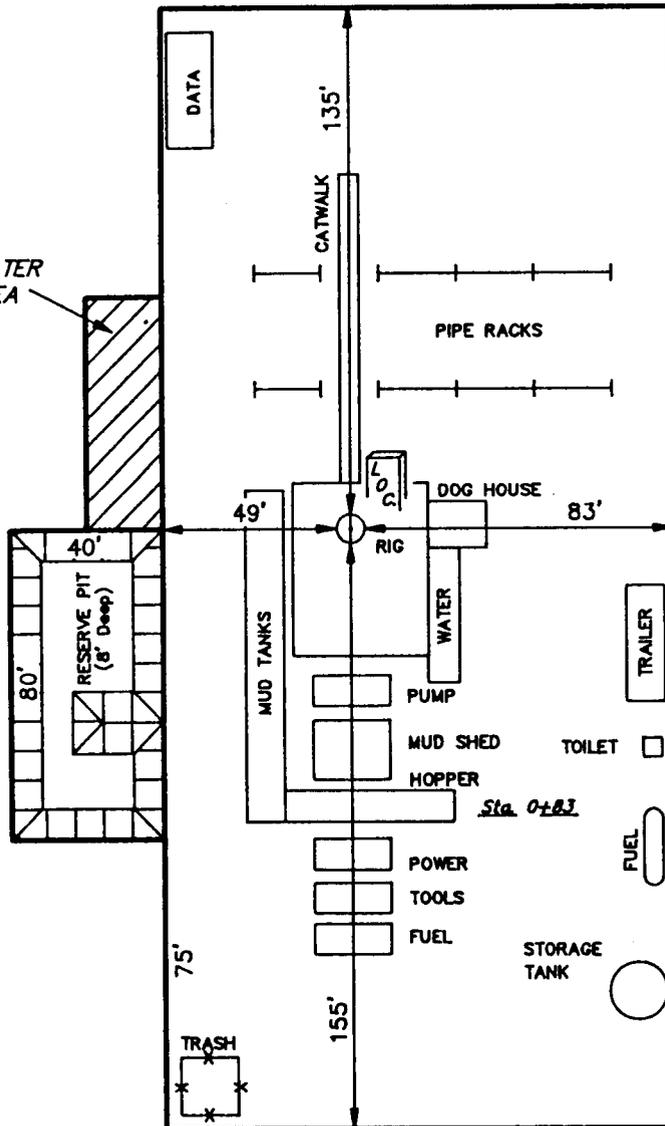
UNION RIG

SCALE: 1" = 50'
Date: 9-11-97

Sta. 2+90

CLEARWATER
UNIT AREA

NOTE:
PIT CAPACITY
WITH 2' OF
FREEBOARD
= 1,950 Bbls.



Sta. 1+55

Sta. 0+00

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/NE 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 #1-30

9. API Well No. 43-013-31898

10. Field and Pool, or Exploratory Area Monument Butte

11. County or Parish, State Duchesne, UT

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

Table with 2 columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing repair, Altering Casing, Other (Weekly Status), Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-off, Conversion to Injection, and Dispose Water.

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

WEEKLY STATUS REPORT FOR WEEK OF 9/5/97 - 9/16/97:

Perf C/B sd 5299'-5302', 5427'-5432' Perf D sd 5121'-5125', 5129'-5137', 5176'-5180', 5190'-5197' Perf GB sd 4658'-4661', 4679'-87'

RIH w/ production string. On production @ 1:00 pm 9/16/97.

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

Signed Cheryl Cameron

Title Regulatory Compliance Specialist Date 9/19/97

(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.

*See Instruction on Reverse Side

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

SUBMIT IN DUPLICATE

(See other Instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

U-74869

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tar Sands Federal

9. WELL NO.

#1-30

10. FIELD AND POOL, OR WILDCAT

Monument Butte

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

Sec. 30, T8S, R17E

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

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESRV. 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/NE 593' FSL & 670' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-31898 DATE ISSUED 8/4/97

12. COUNTY OR PARISH Duchesne 13. STATE UT

15. DATE SPUDDED 8/16/97 16. DATE T.D. REACHED 8/22/97 17. DATE COMPL. (Ready to prod.) 9/16/97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5297.9' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6250' 21. PLUG, BACK T.D., MD & TVD 6193' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY → X ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Green River - 4658'-5432' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, DLL, CNL 10-20-97 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#	308.91' KB	12 1/4	140 sx Prem Plus	
5 1/2	15.5#	6237'	7 7/8	310 sx Hibond & 330 sx Thixo	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

C/B 5299'-5302', 5427'-32'
D 5121'-25', 5129'-37', 5176'-80', 5190'-97'
GB 4658'-61', 4679'-87'

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

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

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
9/16/97	Pumping - 2 1/2" X 1 1/2" X 15' RHAC pump	producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7 Day Avg	9/97	N/A	→	130	266	21	2.0

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→				

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

35. LIST OF ATTACHMENTS
Items in #26

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

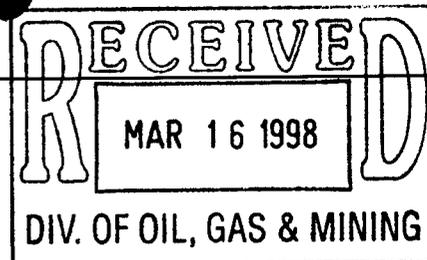
SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 10/16/97

*(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	4403'		#32.			
Point 3 Mkr	4692'		Perf C/B sd 5299'-5302', 5427'-32'			
X Mkr	4924'		B sd 5427'-32': Breakdown @ 3500 psi			
Y Mkr	4958'		Inject 7 BW @ 1950 psi w/ 2½ BPM			
Douglas Ck Mkr	5086'		C sd 5299'-5302': Breakdown @ 1400 psi			
BiCarb Mkr	5347'		Inject 10 BW @ 1200 psi w/ 3 BPM			
B Limestone Mkr	5492'		Total Load - 121 Bbls.			
Castle Peak	5960'		Frac C/B sd w/ 111,100# 20/40 sd in 548 BG.			
			Perf D sd 5121'-25', 5129'-37', 5176'-80', 5190'-97'			
			Frac w/ 105,500# 20/40 sd in 513 BG			
			Perf GB sd 4658'-61', 4679'-87'			
			Frac w/ 88,900# 20/40 sd in 461 BG			



March 10, 1998

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

RE: Permit Application for Water Injection Well
Tar Sands Federal #1-30
Monument Butte Field, Sand Wash Unit, Lease #U-74869
Section 30-Township 8S-Range 17E
Duchesne County, Utah

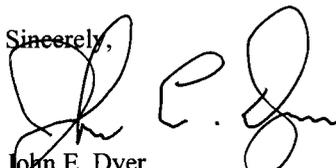
Dear Mr. Jarvis:

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

1. Conversion of the Tar Sands Federal #1-30 from a producing oil well to a water injection well in the Monument Butte (Green River) Field;
2. Installation of an injection flowline. The proposed water injection line would leave the Tara Sands Federal #1-30 and run approximately 3000' in a westerly direction, and tie into an existing line. The proposed injection line would be a 3" coated steel pipe, buried 5" below the surface.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Debbie Knight at (303) 382-4434.

Sincerely,


John E. Dyer
Chief Operating Officer

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
SAND WASH UNIT
TAR SANDS FEDERAL #1-30
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #U-74869
MARCH 10, 1998

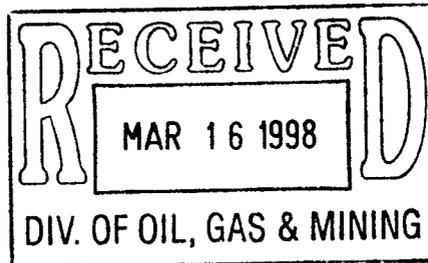
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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

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



Well Name and number: Tar Sands Federal #1-30
Field or Unit name: Monument Butte (Green River) Tar Sands Unit Lease No. U-74869
Well Location: QQ NENE section 30 township 8S range 17E county Duchesne

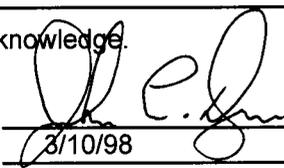
Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
Disposal? Yes [] No [X]
Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [X] No []
Date of test: 9/5/97
API number: 43-013-31898

Proposed injection interval: from 4658' to 5432'
Proposed maximum injection: rate 500 bpd pressure 2334 psig
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2
mile of the well.

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

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

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

Name: John E. Dyer Signature 
Title Chief Operating Officer Date 3/10/98
Phone No. (303) 292-0900

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

Comments:

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

Proposed Injection 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

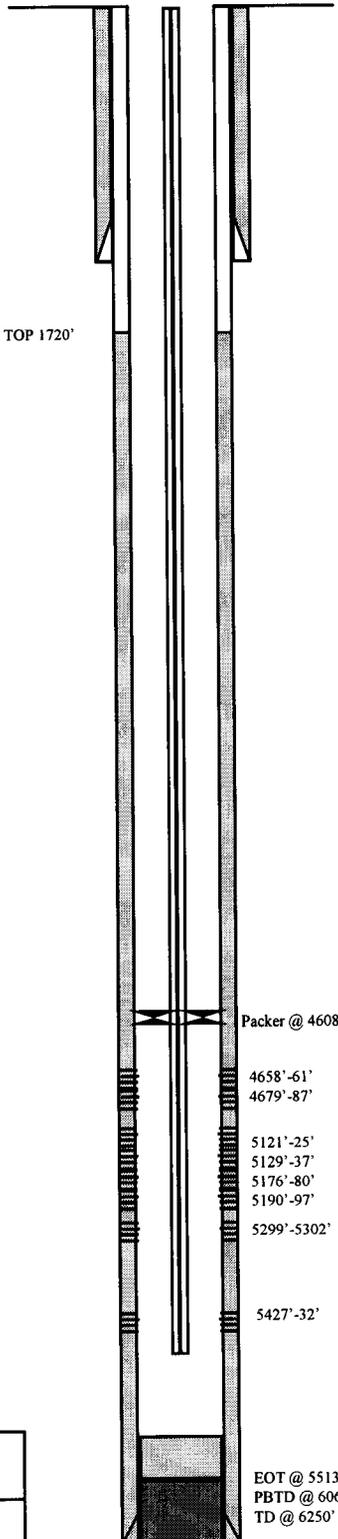
TUBING

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

CEMENT TOP 1720'



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.

Packer @ 4608'

4658'-61'
 4679'-87'

5121'-25'
 5129'-37'
 5176'-80'
 5190'-97'
 5299'-5302'

5427'-32'

EOT @ 5513'
 PBTB @ 6066'
 TD @ 6250'

PERFORATION RECORD

Date	Depth Range	Tool Joint	Notes
9/06/97	5427'-5432'	4 JSPF	NA holes
9/06/97	5299'-5302'	4 JSPF	NA holes
9/09/97	5190'-5197'	4 JSPF	NA holes
9/09/97	5176'-5180'	4 JSPF	NA holes
9/09/97	5129'-5137'	4 JSPF	NA holes
9/09/97	5121'-5125'	4 JSPF	NA holes
9/11/97	4679'-4687'	4 JSPF	NA holes
9/11/97	4658'-4661'	4 JSPF	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

WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

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

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

See Attachment A

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

Approval is requested to convert the Tar Sands Federal #1-30 from a producing oil well in the Monument Butte (Green River) Field; and to install an injection line. The proposed water injection line would leave the Tar Sands Federal #1-30 and run approximately 3000' in a westerly direction, and tie into an existing line. The proposed injection line would be a 3" coated steel pipe, buried 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 #1-30 well, the proposed injection zone is from 4658'-5432'. 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 4658'.

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

The referenced log for the Tar Sands Federal #1-30 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 Federal lease (Lease #U-74869), in the Monument Butte (Green River) Field, Sand Wash Unit, and this request is for administrative approval.

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

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachment A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24#, J-55 surface casing run to 308.9' GL, and the 5-1/2" casing run from surface to 6237' 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 and maximum injection pressure for the Tar Sands Federal #1-30 is approximately .82 psig/ft.

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 #1-30, for proposed zones (4658'–5432') calculates at .82 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 1971 psig. See Attachment G thru G-3.

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 #1-30, the injection zone (4658'-5432') is in the Douglas Creek Member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor embedded 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-4.

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

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

See Attachment C.

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

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



TAR SANDS

DUCHESNE COUNTY, UTAH

MINERAL RIGHTS

(GRAZING RIGHTS ONLY)

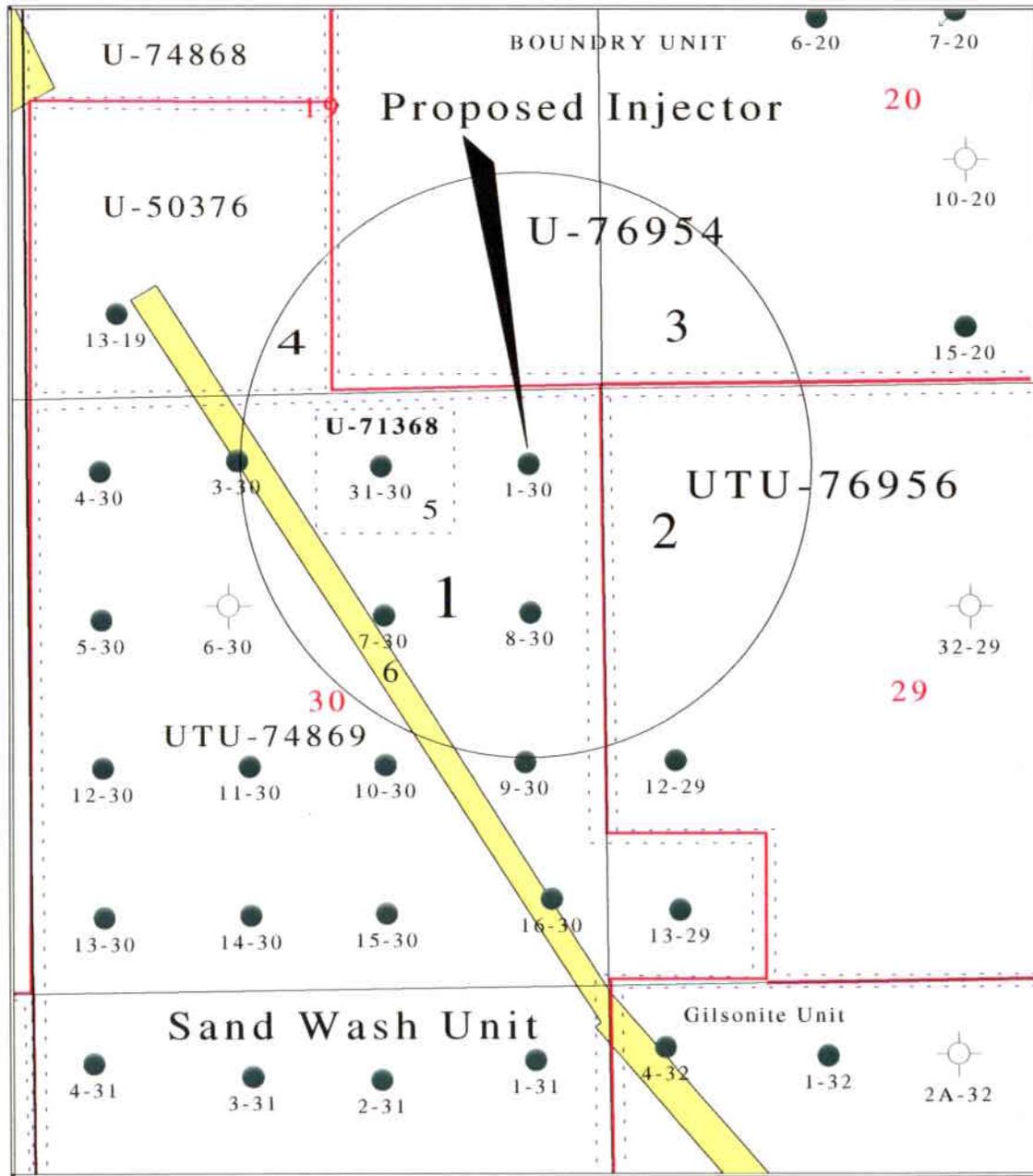
LESSEE: ELMER & LEE MOON

EXHIBIT

Legend

-  PRODUCING WELL
-  EXISTING INJECTION WELL
-  DRY HOLE

Tar Sands Federal 1-30 6250 TD



Attachment A

Attachment A-1

INLAND PRODUCTION CO.

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

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

BASIS OF ELEVATION

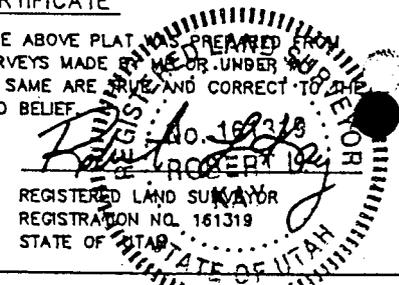
SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 30, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5294 FEET.



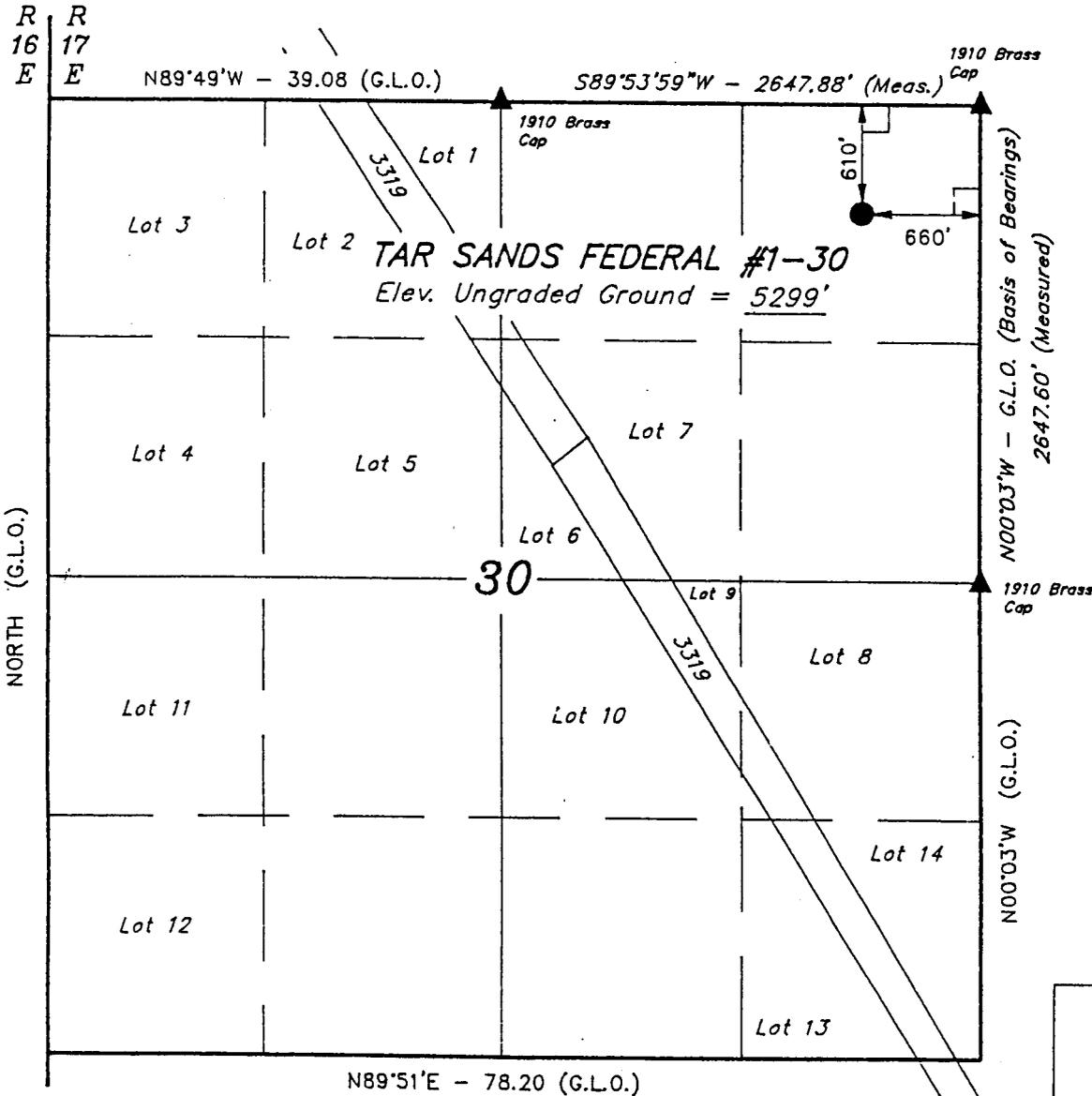
SCALE

CERTIFICATE

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



UNTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 5-15-97	DATE DRAWN: 5-16-97
PARTY L.D.T. C.E. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	



LEGEND:

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

EXHIBIT B

Page 1

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
1	Township 8 South, Range 17 East Section 29: Lot 1 Section 30: Lots 1-14 E/2NE/4, E/2SW/4, SW/4SE/4 Section 31: Lots 1-5, W/2E/2, SE/NE E/2W/2, NE/4SE/4	USA	Inland Production Company	U-74869 HBP	(Surface Rights) USA (Grazing Rights) Elmer & Lee Moon
2.	Township 8 South, Range 17 East Section 18: Lots 3,4 Section 19: Lots 1; 2 E2NW (excluding patent 880415) Section 29: N/2, N/2SW, SESW, SE.		Inland Production Company	U-76956 HBP	(Surface Rights) USA (Grazing Rights) Elmer & Lee Moon

Attachment B
(Pg 1 of 3)

EXHIBIT B

Page 2

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
3	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	USA	Inland Production Company	UTU-76954 HBP	(Surface Rights) USA Inland Resources Inc. Pride Lane Farm (Grazing Rights) Elmer Moon & Sons
4.	Township 8 South, Range 17 East Section 19: Lot 3-5, NE/4SW/4	USA	Inland Production Company	U-50376 HBP	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons
5.	Township 8 South, Range 17 East Section 30: NW/4NE/4	USA	Snyder Oil Corporation	U-71368 HBP	(Surface Rights) USA (Grazing Rights) Elmer Moon & Sons

Attachment B
(Pg 2 of 3)

EXHIBIT B

Page 3

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

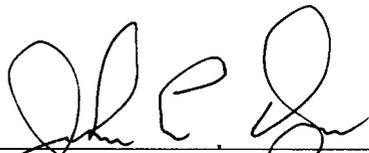
Attachment B
(Pg 3 of 3)

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Tar Sands Federal #1-30

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

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

Sworn to and subscribed before me this 10th day of March, 1998.

Notary Public in and for the State of Colorado: Patsy A. Barreau



My Commission Expires 11/14/2000

Attachment D

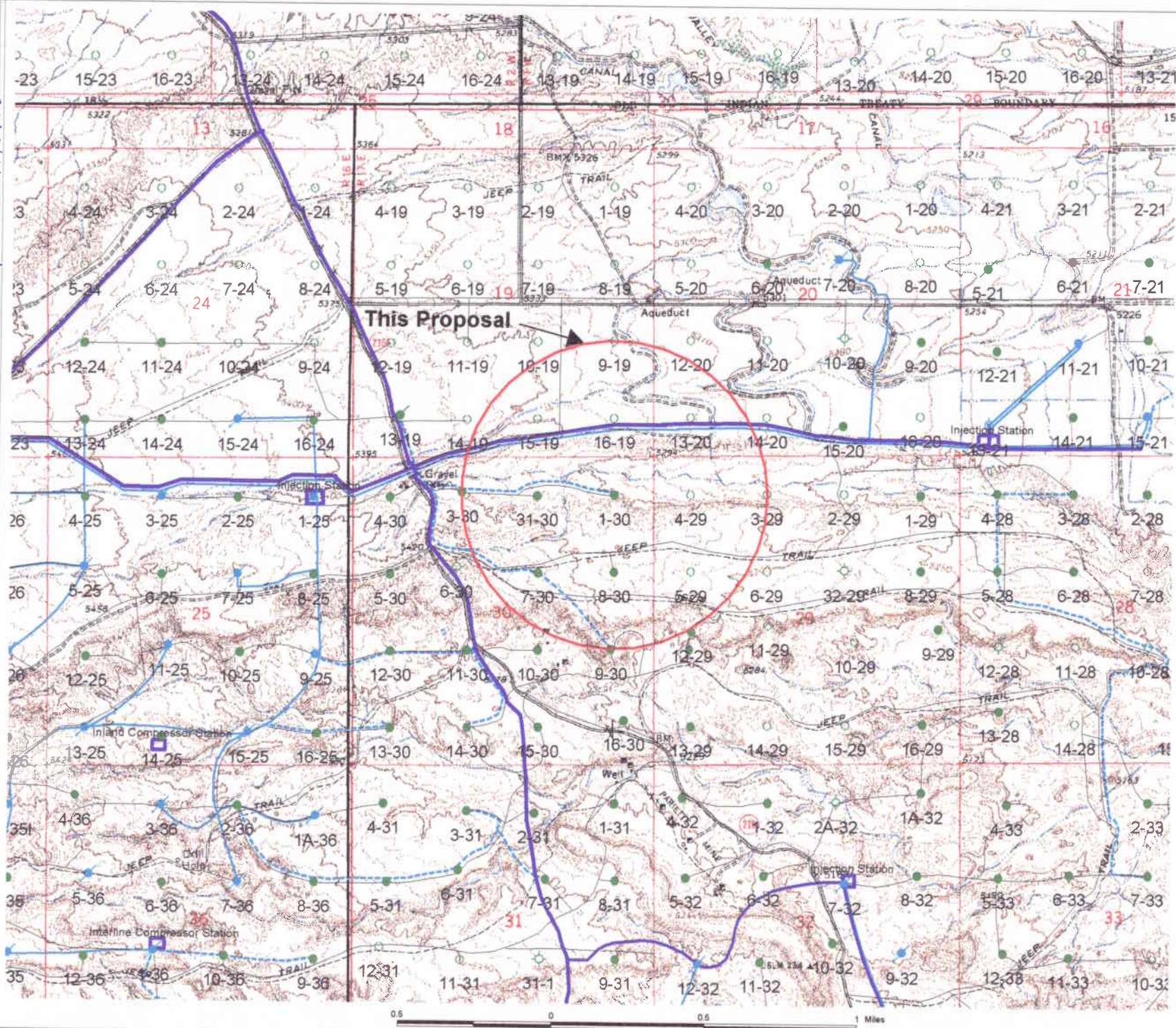


Exhibit "A"



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

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

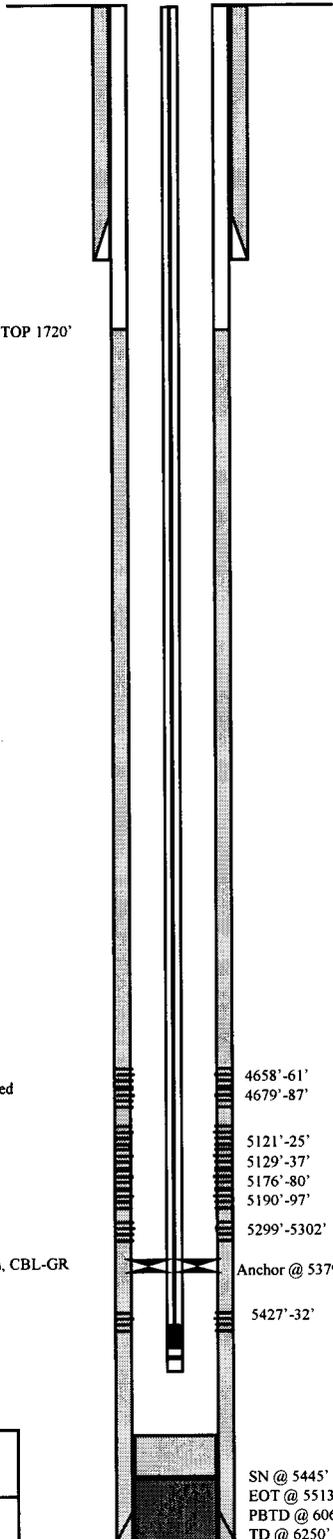
TUBING

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

CEMENT TOP 1720'



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	Depth Range	Number of Holes	Completion Type
9/06/97	5427'-5432'	4	JSPF NA holes
9/06/97	5299'-5302'	4	JSPF NA holes
9/09/97	5190'-5197'	4	JSPF NA holes
9/09/97	5176'-5180'	4	JSPF NA holes
9/09/97	5129'-5137'	4	JSPF NA holes
9/09/97	5121'-5125'	4	JSPF NA holes
9/11/97	4679'-4687'	4	JSPF NA holes
9/11/97	4658'-4661'	4	JSPF 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

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''

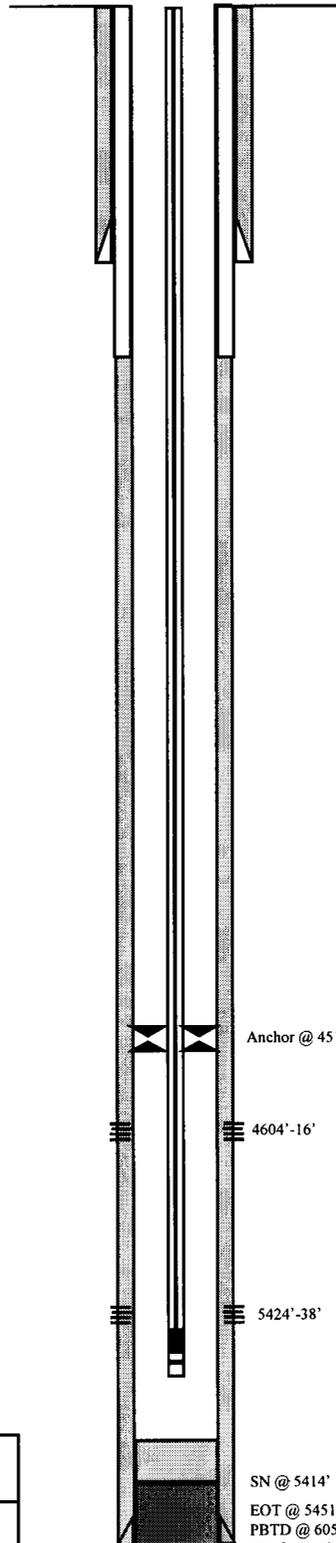
SUCKER RODS

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

Date	Interval	Design	Holes
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

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

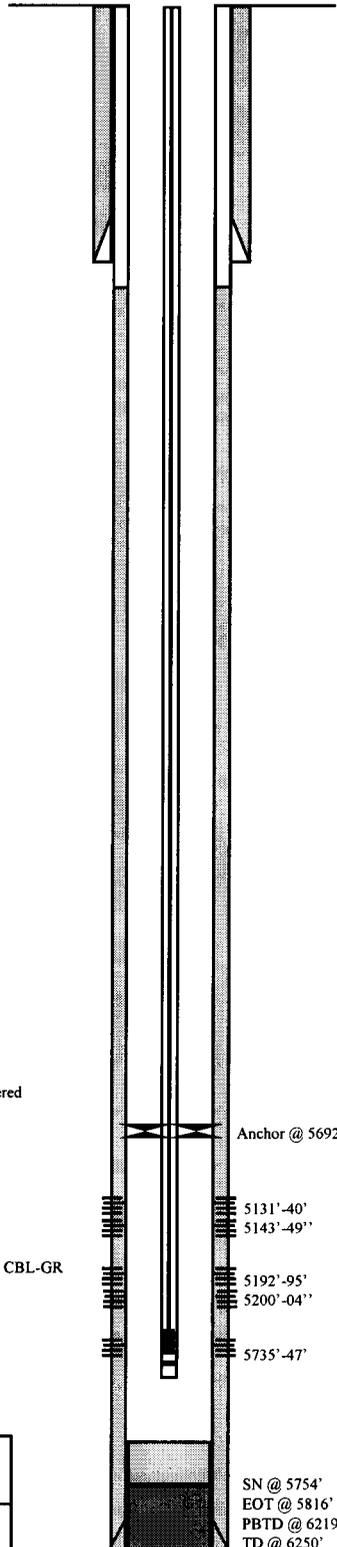
FRAC JOB

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

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

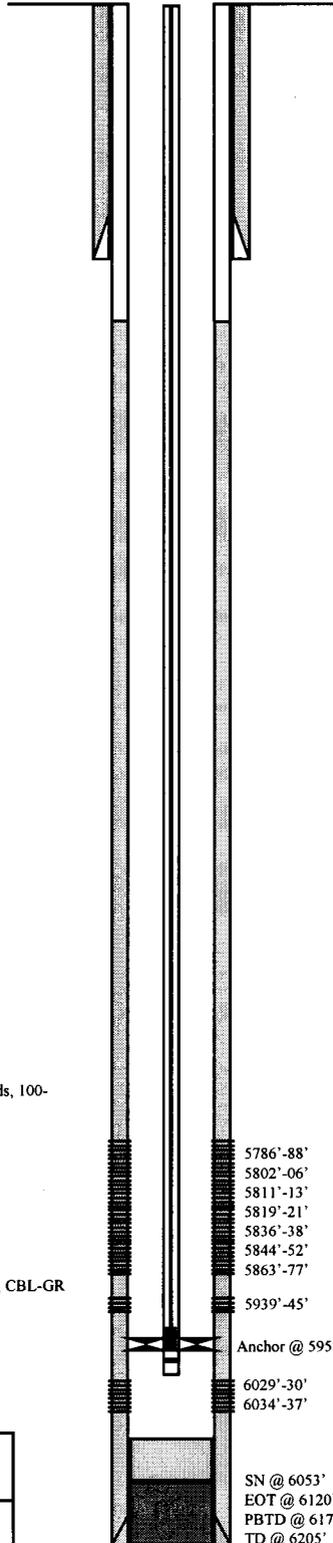
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-1" scraped, 5-7/8" plain rods, 132-3/4" plain rods, 100-3/4" scraped
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC
 STROKE LENGTH: 72"
 PUMP SPEED, SPM: 7 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, 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 #8-30

Spud Date: 6/3/97
 Put on Production: 7/15/97
 GL: 5334' KB: 5347'

Initial Production: 110 BOPD,
 189 MCFPD, 2 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (304.97')
 DEPTH LANDED: 303.06' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jts. (6229.89')
 DEPTH LANDED: 6225.19' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 690 sxs Hibond mixed & 340 sxs thixotropic
 CEMENT TOP AT: NA per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#
 NO. OF JOINTS: 181 jts
 TUBING ANCHOR: 5644'
 SEATING NIPPLE: 2 - 7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5931')
 SN LANDED AT: 5864'

SUCKER RODS

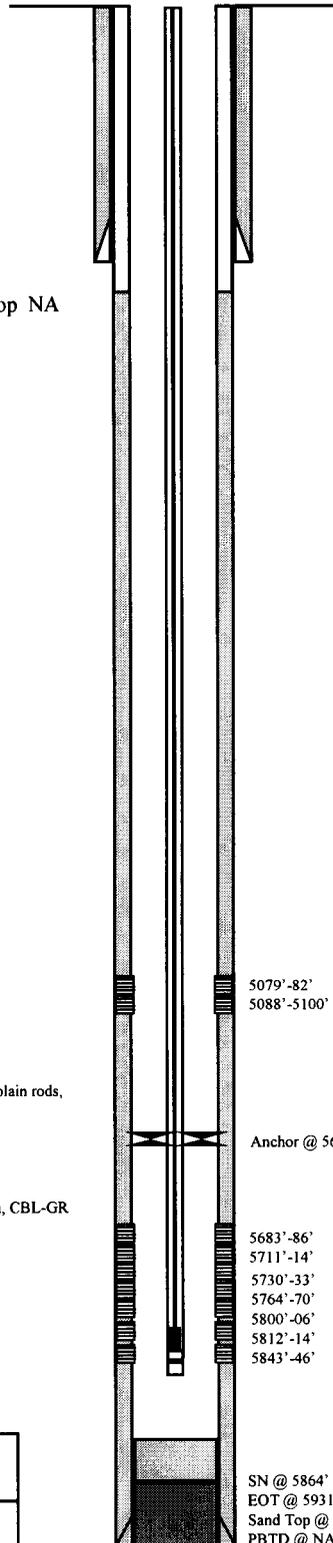
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 99-3/4" scraped, 4-1-1/2" guided rods, 125-3/4" plain rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 7 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

7/8/97 5683'-5846' **Frac LDC sand as follows:**
 133,200# of 20/40 sand in 725 bbls of Boragel. Breakdown @ 2429psi
 Treated @ avg rate of 39.9 bpm w/avg press of 1750 psi. ISIP-1754 psi, 5-min 1586 psi. Flowback on 12/64" ck for 7-1/2 hours and died.

7/10/97 5079'-5100' **Frac D sand as follows:**
 121,400# of 20/40 sand in 592 bbls of Boragel. Breakdown @ 1917psi.
 Treated @ avg rate of 24.6 bpm w/avg press of 1600 psi. ISIP-2146 psi, 5-min 2094 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

Cement Top NA



PERFORATION RECORD

Date	Interval	Tool Joint	Holes
7/8/97	5843'-5846'	4 JSPF	12 holes
7/8/97	5812'-5814'	4 JSPF	8 holes
7/8/97	5800'-5806'	4 JSPF	24 holes
7/8/97	5764'-5770'	4 JSPF	24 holes
7/8/97	5730'-5733'	4 JSPF	12 holes
7/8/97	5711'-5714'	4 JSPF	12 holes
7/8/97	5683'-5686'	4 JSPF	12 holes
7/10/97	5088'-5100'	4 JSPF	48 holes
7/10/97	5079'-5082'	4 JSPF	12 holes



Inland Resources Inc.

Tar Sands Federal #8-30

1980 FNL 660 FEL

NENE Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31870; Lease #U-74869

SN @ 5864'
 EOT @ 5931'
 Sand Top @ 5079'
 PBTD @ NA
 TD @ 6226'

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Attachment F

Office (801) 722-5088
Fax (801) 722-5727

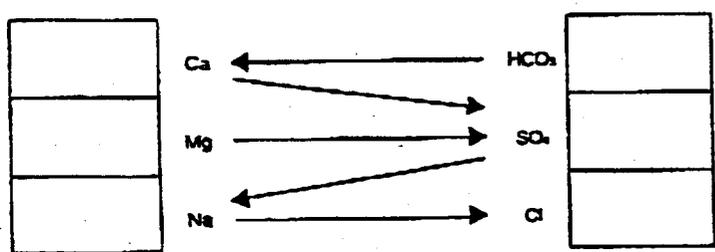
WATER ANALYSIS REPORT

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

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

*Mill equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>1</u>			<u>84</u>
Na ₂ SO ₄	71.03	<u>2</u>			<u>142</u>
NaCl	58.45	<u>1</u>			<u>59</u>

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

REMARKS _____

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

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

WATER ANALYSIS REPORT

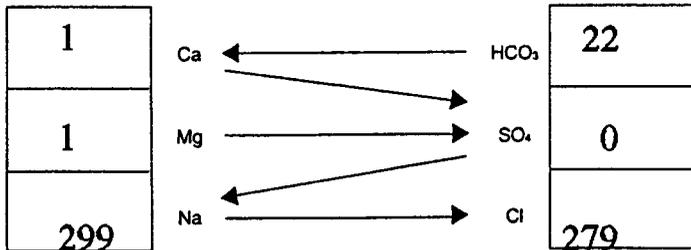
Company INLAND Address _____ Date 01-27-98

Source TSF 1-30 Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>9.1</u>		
2. H ₂ S (Qualitative)	<u>1.0</u>		
3. Specific Gravity	<u>1.016</u>		
4. Dissolved Solids		<u>18,144</u>	
5. Alkalinity (CaCO ₃)	CO ₃	<u>120</u>	÷ 30 <u>4</u> CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	<u>1,100</u>	÷ 61 <u>18</u> HCO ₃
7. Hydroxyl (OH)	OH	<u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)	Cl	<u>9,900</u>	÷ 35.5 <u>279</u> Cl
9. Sulfates (SO ₄)	SO ₄	<u>0</u>	÷ 48 <u>0</u> SO ₄
10. Calcium (Ca)	Ca	<u>24</u>	÷ 20 <u>1</u> Ca
11. Magnesium (Mg)	MG	<u>12</u>	÷ 12.2 <u>1</u> Mg
12. Total Hardness (CaCO ₃)		<u>110</u>	
13. Total Iron (Fe)		<u>4.0</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>1</u>			<u>81</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>1</u>			<u>73</u>
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00	<u>20</u>			<u>1,680</u>
Na ₂ SO ₄	71.03				
NaCl	58.46	<u>279</u>			<u>16,310</u>

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

REMARKS _____

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
 LOCATION:
 SYSTEM:

03-04-98

WATER DESCRIPTION:	JOHNSON WATER	TSF 1-30
P-ALK AS PPM CaCO3	0	200
M-ALK AS PPM CaCO3	492	1804
SULFATE AS PPM SO4	110	0
CHLORIDE AS PPM Cl	35	9900
HARDNESS AS PPM CaCO3	0	0
CALCIUM AS PPM CaCO3	110	60
MAGNESIUM AS PPM CaCO3	90	49
SODIUM AS PPM Na	92	6877
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	18144
TEMP (DEG-F)	150	150
SYSTEM pH	7	9.1

WATER COMPATIBILITY CALCULATIONS
 JOHNSON WATER AND TSF 1-30
 CONDITIONS: TEMP.=150AND pH=8.1
 WATER ONE IS JOHNSON WATER

% OF WATER # 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.38	36	0	0	0
90	1.40	35	0	0	0
80	1.40	33	0	0	0
70	1.39	31	0	0	0
60	1.36	30	0	0	0
50	1.33	28	0	0	0
40	1.29	26	0	0	0
30	1.25	24	0	0	0
20	1.23	22	0	0	0
10	1.19	21	0	0	0
0	1.15	19	0	0	0

Attachment G

**Tar Sands Federal #1-30
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5299	5432	5366	2471	0.89	2410
5121	5197	5159	2005	0.82	1971 ←
4658	4687	4673	2414	0.95	2398
Minimum					<u>1971</u>

Calculation of Maximum Surface Injection Pressure

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

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



DAILY COMPLETION REPORT

WELL NAME Tar Sands Fed 1-30 **Report Date** 9/7/97 **Completion Day** 3
Present Operation Perf D sand. **Rig** Basin #7

WELL STATUS

Surf Csg: 8-5/8 @ 309' KB **Liner** **@** **Prod Csg** 5-1/2 @ 6237 **Csg PBTD** 6193
Tbg: **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT @** **BP/Sand PBTD:**

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
C/B	5299-5302'	4/12			
C/B	5427-5432'	4/20			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/6/97 **SITP:** 20 **SICP** 50
 Bleed gas off well. IFL @ 4600'. Made 2 swab runs, rec 2 BTF w/lg tr oil. FFL @ 4700'. TOH w/tbg. NU isolation tool. RU Halliburton & frac C/B sands w/111,100# 20/40 sd in 548 bbls Boragel. Perfs broke back @ 2904 psi. Treated @ ave press of 2230 psi w/ave rate of 36 bpm. ISIP: 2471 psi, 5 min: 2309 psi. Flowback on 12/64" choke for 4-1/2 hrs & died. Rec 141 BTF (est 26% of load). SIFN w/est 406 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered 1 **Starting oil rec to date** 0
Fluid lost/recovered today 405 **Oil lost/recovered today** 0
Ending fluid to be recovered 406 **Cum oil recovered** 0
IFL 4600 **FFL** 4700 **FTP** **Choke** 12/64 **Final Fluid Rate** **Final oil cut** Lg tr.

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand frac
Company: Halliburton
Procedure:
3000 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
10,000 gal w/6-8 ppg of 20/40 sd
3805 gal w/8-10 ppg of 20/40 sd
Flush w/5203 gal of 10# Linear gel.

COSTS

Basin-rig 680
BOP 140
Tanks 90
Wtr 850
HOT 770
Frac 21,883
Flowback - super 150
IPC Supervision 200

Max TP 2904 **Max Rate** 36.5 **Total fluid pmpd:** 548 bbls
Avg TP 2230 **Avg Rate** 36 **Total Prop pmpd:** 111,100#
ISIP 2471 **5 min** 2309 **10 min** **15 min**
Completion Supervisor: Gary Dietz

DAILY COST: \$24,763
TOTAL WELL COST: \$187,736



DAILY COMPLETION REPORT

WELL NAME Tar Sands Fed 1-30 Report Date 9/10/97 Completion Day 5
 Present Operation Perf GB sands. Rig Basin #7

WELL STATUS

Surf Csg: 8-5/8 @ 309' KB Liner @ Prod Csg 5-1/2 @ 6237 Csg PBTD 6193
 Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP/Sand PBTD: 5280

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D	5121-25'	4/16	C/B	5299-5302'	4/12
D	5129-37'	4/32	C/B	5427-5432'	4/20
D	5176-80'	4/16			
D	5190-97'	4/28			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/9/97 SITP: 50 SICP: 100
 Bleed gas off well. IFL @ 4200'. Made 4 swab runs, rec 11 BTF w/tr oil. FFL maintained 4300'. TOH w/tbg. NU isolation tool. RU Halliburton & frac D sand w/105,500# 20/40 sd in 513 bbls Boragel. Perfs broke dn @ 2020 psi. Treated @ ave press of 1550 psi w/ave rate of 282 BPM. ISIP: 2005 psi, 5 min: 1940 psi. Flowback on 12/64" choke for 2 hrs & died. Rec 73 BTF (est 14% of load). SIFN w/est 720 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>291</u>	Starting oil rec to date	<u>0</u>
Fluid lost recovered today	<u>429</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>720</u>	Cum oil recovered	<u>0</u>
IFL <u>4200</u> FFL <u>4300</u> FTP <u> </u>		Choke <u>12/64</u> Final Fluid Rate <u> </u>	Final oil cut <u>Tr.</u>

STIMULATION DETAIL

Base Fluid used: Boragel Job Type: Sand Frac
 Company: Halliburton
 Procedure:
3000 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
8000 gal w/6-8 ppg of 20/40 sd
4000 gal w/8-10 ppg of 20/40 sd
526 gal w/10 ppg of 20/40 sd
Flush w/5040 gal of 10# Linear gel.

COSTS

Basin-rig	<u>967</u>
BOP	<u>140</u>
Tanks	<u>90</u>
Wtr	<u>700</u>
HOT	<u>715</u>
Frac	<u>20,975</u>
Flowback - super	<u>100</u>
IPC Supervision	<u>200</u>

Max TP 2420 Max Rate 29.5 Total fluid pmpd: 513 bbls
 Avg TP 1550 Avg Rate 28.2 Total Prop pmpd: 105,500#
 ISIP 2005 5 min 1940 10 min 15 min
 Completion Supervisor: Gary Dietz

DAILY COST: \$23,887
 TOTAL WELL COST: \$216,494



DAILY COMPLETION REPORT

WELL NAME Tar Sands Fed 1-30 Report Date 9/12/97 Completion Day 7
 Present Operation Pull plugs. Rig Basin #7

WELL STATUS

Surf Csg: 8-5/8 @ 309' KB Liner _____ @ _____ Prod Csg 5-1/2 @ 6237 Csg PBDT 6193
 Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ _____ (BP) Sand PBDT: 4784

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB	4658-61'	4/12	D	5176-80'	4/16
GB	4679-87'	4/32	D	5190-97'	4/28
D	5121-25'	4/16	C/B	5299-5302'	4/12
D	5129-37'	4/32	C/B	5427-5432'	4/20

CHRONOLOGICAL OPERATIONS

Date Work Performed: 9/11/97 SITP: 0 SICP: 0
 IFL @ 4300'. Made 2 swab runs, rec 2 BTF. FFL @ 4400'. TOH w/tbg. NU isolation tool. RU Halliburton & frac GB sands w/88,900# 20/40 sd in 461 bbls Boragel. Perfs broke dn @ 2843 psi. Treated @ ave press of 2200 psi w/ave rate of 24 BPM. ISIP: 2414 psi, 5 min: 2383 psi. Flowback on 12/64" choke for 1/2 hr & died. Rec 8 BTF (est 2% of load). SIFN w/est 1069 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>618</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>451</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1069</u>	Cum oil recovered	<u>0</u>
IFL <u>4300</u> FFL <u>4400</u> FTP _____		Choke <u>12/64</u> Final Fluid Rate _____	Final oil cut _____

STIMULATION DETAIL

Base Fluid used: Boragel Job Type: Sand frac
 Company: Halliburton
 Procedure: _____
3000 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
7000 gal w/6-8 ppg of 20/40 sd
3794 gal w/8-10 ppg of 20/40 sd
Flush w/4583 gal of 10# Linear gel.

COSTS

Basin-rig	<u>680</u>
BOP	<u>140</u>
Tanks	<u>90</u>
Wtr	<u>400</u>
HOT	<u>665</u>
Frac	<u>19,702</u>
Flowback - super	<u>100</u>
IPC Supervision	<u>200</u>

Max TP	<u>2843</u>	Max Rate	<u>24.5</u>	Total fluid pmpd:	<u>461 bbls</u>
Avg TP	<u>2200</u>	Avg Rate	<u>24</u>	Total Prop pmpd:	<u>88,900#</u>
ISIP	<u>2414</u>	5 min	<u>2383</u>	10 min	_____
15 min	_____				
Completion Supervisor:	<u>Gary Dietz</u>				

DAILY COST:	<u>\$21,977</u>
TOTAL WELL COST:	<u>\$242,872</u>

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 461' plug from 5021'-5482' with 60 sxs Class "G" cement.
2. **Plug #2** Set 179' plug from 4558'-4737' with 30 sxs Class "G" cement.
3. **Plug #3** Set 200' plug from 2200'-2000' with 30 sxs Class "G" cement.
4. **Plug #4** Set 100' plug from 259'-359' (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 309' to surface.

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

Tar Sands Federal #1-30

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

Proposed P&A 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

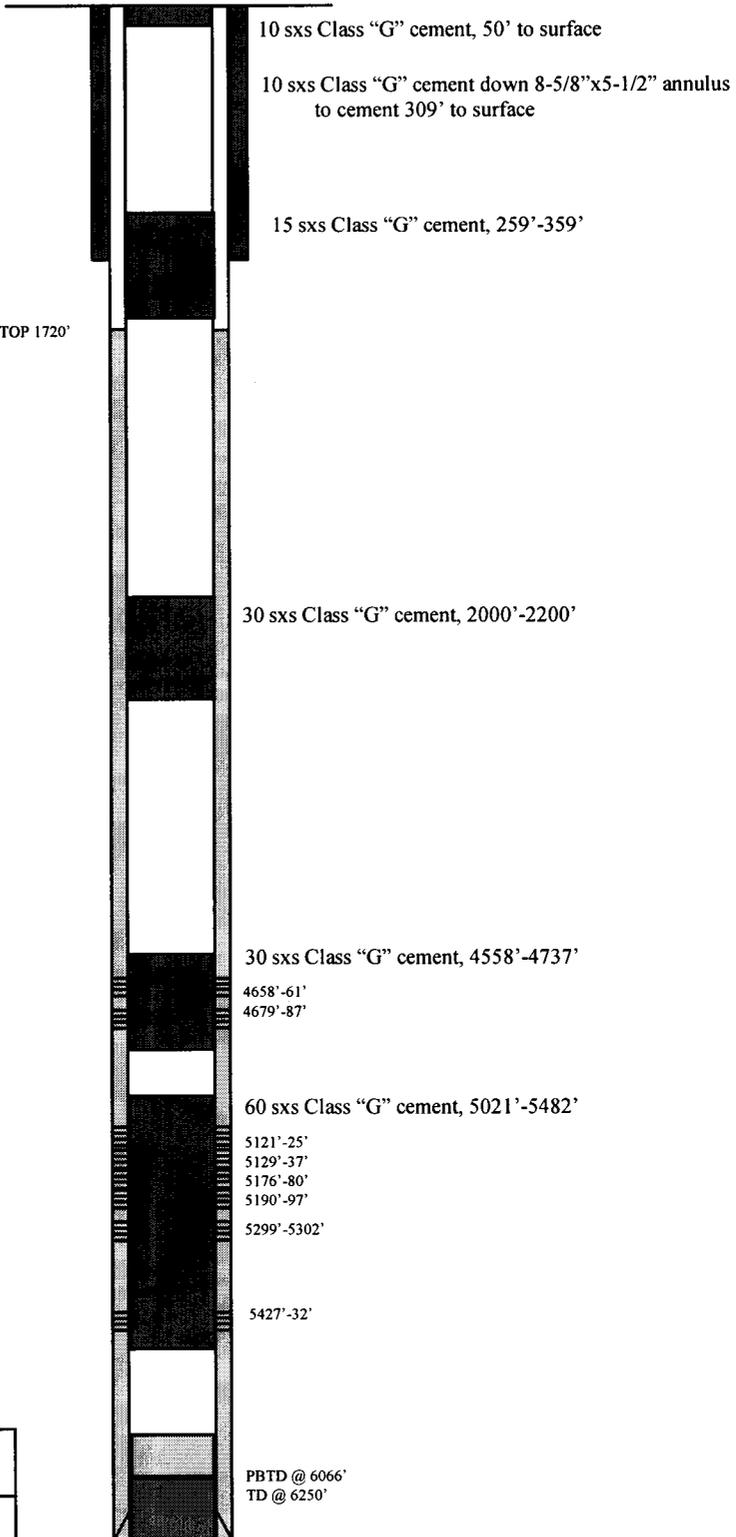
TUBING

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

SUCKER RODS

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

CEMENT TOP 1720'





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

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)

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

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

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

April 2, 1998

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

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

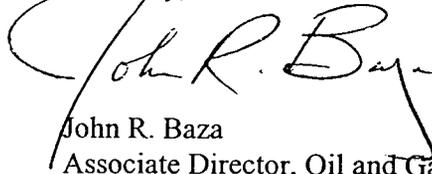
Gentlemen:

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

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

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

Sincerely,



John R. Baza
Associate Director, Oil and Gas

lwp

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

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company

Well: Tar Sands Fed. 1-30

Location: 30/8S/17E

API: 43-013-31898

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 308 feet and is cemented to surface. A 5 ½ inch production casing is set at 6237 feet and has a reported cement top at 1720 feet. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set approximately 50 feet above the injection zone. A mechanical integrity test will be run on the well prior to injection. There are 5 producing wells in the area of review. The producing wells has adequate casing and cement. No corrective action will be required.

Ground Water Protection: The base of moderately saline water is at a depth of approximately 1300 feet. Injection shall be limited to the interval between 3880 feet and 6150 feet in the Green River Formation (actual zone is 4658-5434). Information submitted by Inland indicates that the fracture gradient for the 1-30 well is .82 psig/ft. The resulting fracture pressure is 1971 psig. The requested maximum pressure was 1971 psi. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

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

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 1971 psi., rate will be limited by pressure and Inland will adhere to all operational procedures as written in their application for approval to convert the well to a class II injection well.

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

Reviewer(s): D.Jarvis Date: 3/19/98

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 1-30

9. API Well No.

43-013-31898

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

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

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

0593 FNL 0670 FEL NE/NE Section 30, T08S R17E

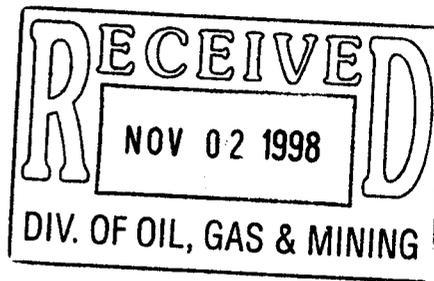
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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



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

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/30/98

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: UTAH DOGM

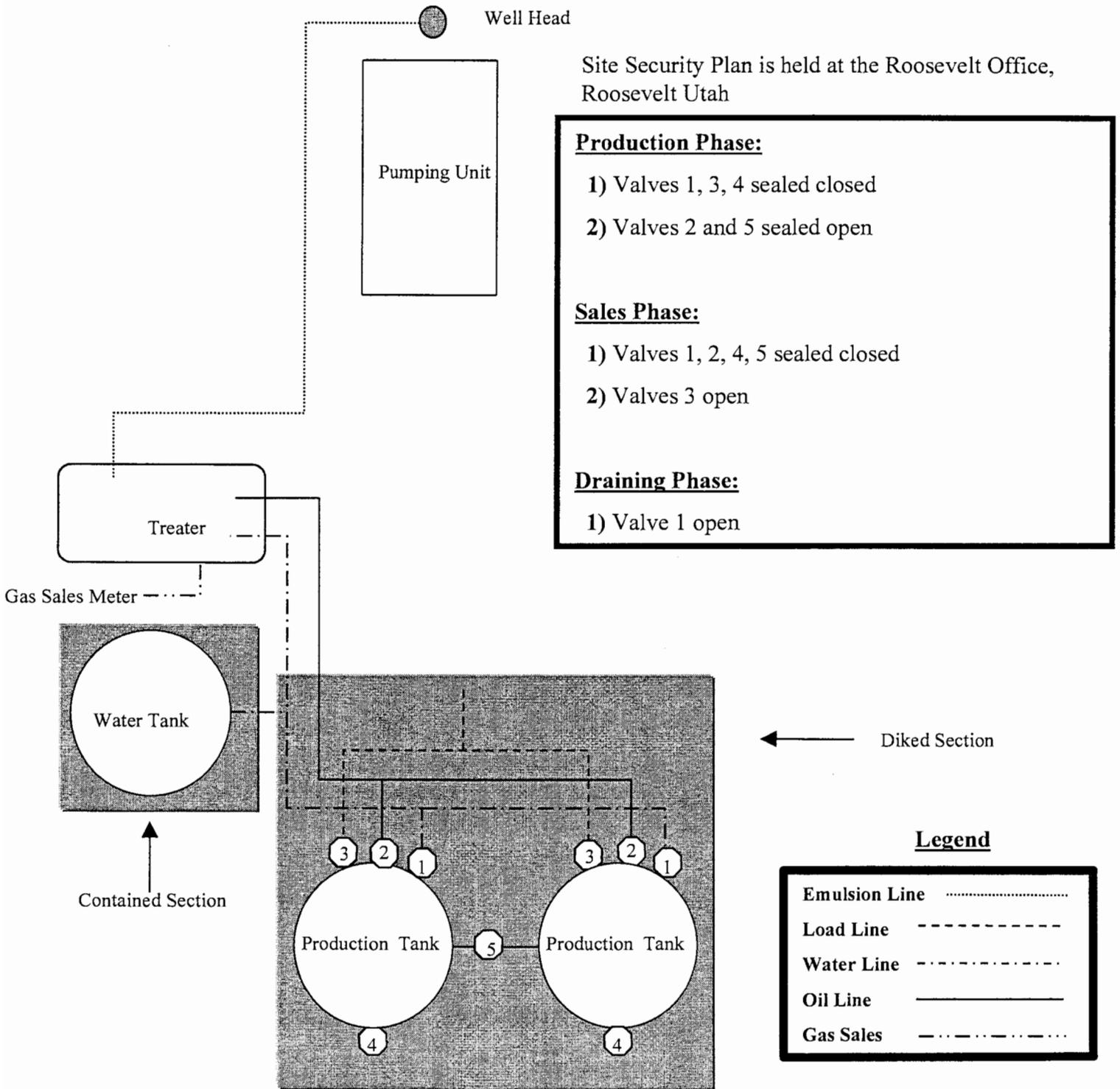
Inland Production Company Site Facility Diagram

Tar Sands 1-30

NE/NE Sec. 30, T8S, 17E

Duchesne County

May 12, 1998



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

Production Phase:

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

Sales Phase:

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

Draining Phase:

- 1) Valve 1 open

Legend

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

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. H 5160

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12308									
WELL 1 COMMENTS: *SAND WASH (GREEN RIVER) UNIT EFF 12-01-97; ALL WELLS LISTED SHOULD BE GROUPED TOGETHER UNDER A COMMON ENTITY NUMBER AS PER OPERATOR REQUEST EFF 12-1-97. (SEE ATTACHED)											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- 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

3-11-98

Title

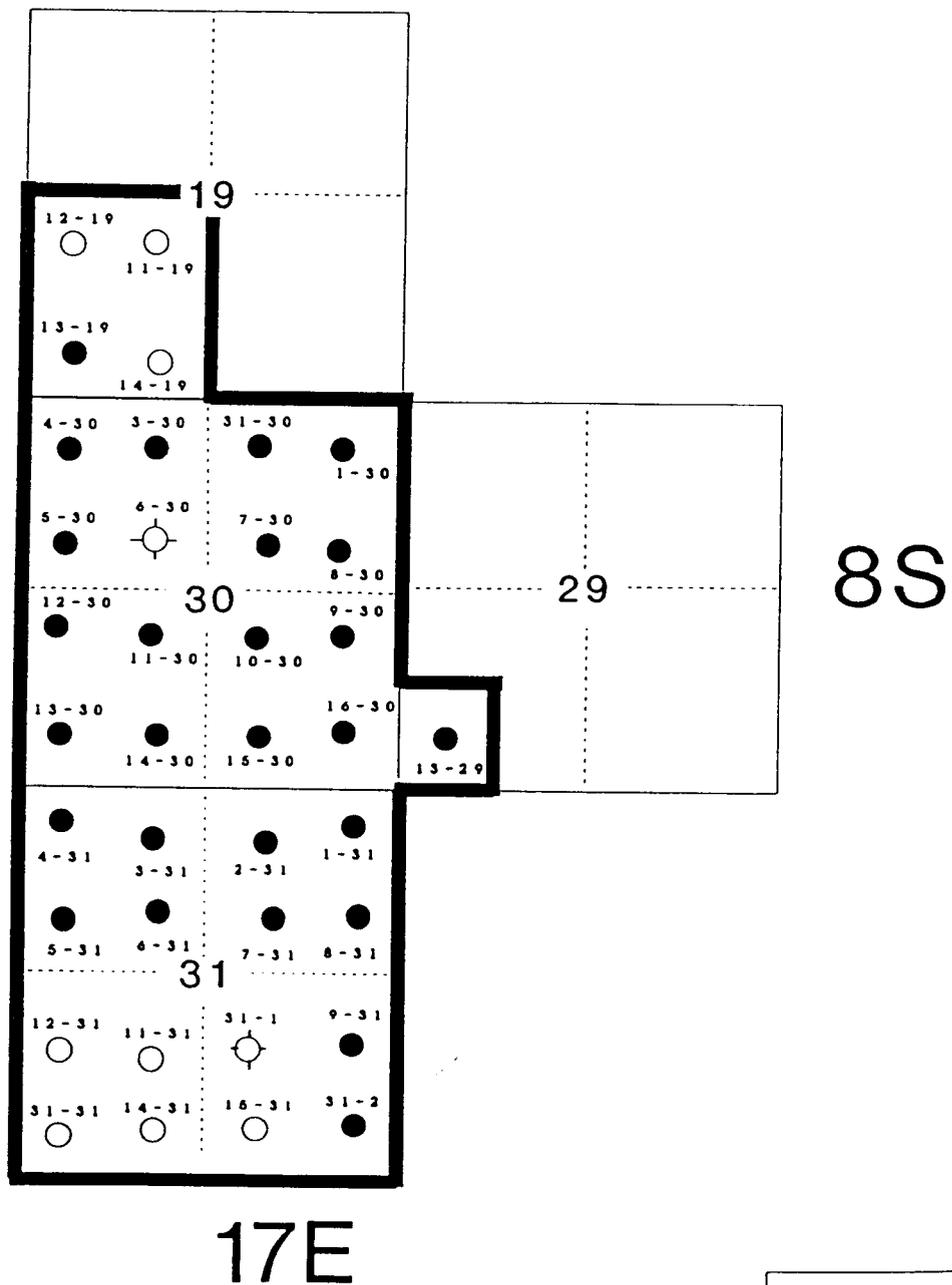
Date

Phone No. ()

SAND WASH (GREEN RIVER) UNIT

Duchesne County, Utah

EFFECTIVE: DECEMBER 1, 1997



— UNIT OUTLINE (UTU76788X)
1,444.06 ACRES

SECONDARY ALLOCATION	
FEDERAL FEE	96.94%
	3.06%

INLAND PRODUCTION COMPANY SANDWASH UNIT

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

To: Lisa
 From: Debbie



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

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

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

FACSIMILE COVER SHEET

DATE: 01-09-98

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 4

TO: KEBBIE JONES
INLAND PRODUCTION COMPANY

FAX NUMBER: (801)722-9149

FROM: LISHA CORDOVA
DIVISION OF OIL GAS AND MINING

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

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

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

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

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



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

564

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

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

UNDERGROUND INJECTION CONTROL PERMIT

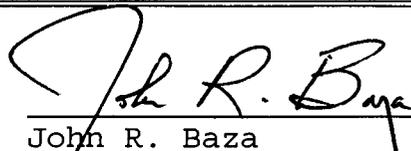
Cause No. UIC-207

Operator: Inland Production Company
Well: Tar Sands Federal 1-30
Location: Section 30, Township 8 South, Range 17 East,
County: Duchesne
API No.: 43-013-31898
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on April 2, 1998.
2. Maximum Allowable Injection Pressure: 1971 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4658 feet - 5432 feet)

Approved by:


John R. Baza
Associate Director, Oil And Gas

6/2/99
Date



May 25, 1999

Mr. John Carson, 8ENF-T
Underground Injection Control Program
Environmental Protection Agency
999 18th Street – Suite #500
Denver, Colorado 80202-2466

RE: M.I.T. – Tar Sand Fed 1-30-8-17

Dear Mr. Carson:

Please find enclosed an M.I.T. test that was conducted on the Tar Sands Fed 1-30-8-17. The test was conducted on 5/24/99. Dennis Ingram with the DOGM witnessed it from the state.

As always, thanks for your assistance. If you have any questions or need further information, please don't hesitate to call me at our office in Pleasant Valley @ (435) 646-3721.

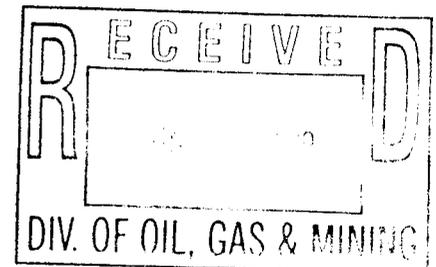
Sincerely,

Roddie Bird
Production Foreman

Enclosures

cc: State of Utah – Division of Oil Gas & Mining
Mike Guinn, Brad Mecham - Inland Production Company
George Rooney, Jon Holst, Shannon Smith – Inland Resources
Well Files

/rb



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 1-30

9. API Well No.
43-013-31898

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Route 3, Box 3630, Myton Utah 84052 (435-646-3721)

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

0593 FNL 0670 FEL NE/NE Section 30, T08S R17E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

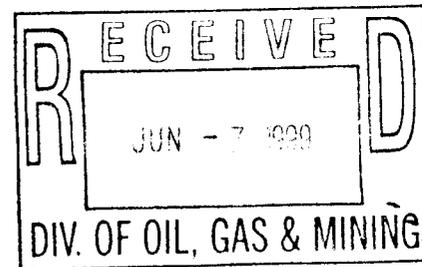
Abandonment
 Recomplenon
 Plugging Back
 Casing Repair
 Alterng Casing
 Other M. I. T.

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 as operator of the above referanced well is submitting the results of an MIT conducted on 5/24/99 please review and approve ASAP, so we can inject. Thank You.



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

Signed Roddie Bird Title Production Forman Date 5/24/99
Roddie Bird

This space for Federal or State office use:

Approved by _____ Title _____ Date _____

Conditions of approval, if any

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Dennis Ingram Date 5/24/99 Time 9:45 (am) pm

Test Conducted by: Roy Liddell

Others Present: _____

Well: TAR SANDS FEDERAL # 1-30	Field: Monument Butte
Well Location: NE/NE SEC. 30, T8S, R17E Duchesne County, UTAH	API No: 43-013-31898

Time	Casing Pressure	
0 min	<u>1145</u>	psig
5	<u>1145</u>	psig
10	<u>1145</u>	psig
15	<u>1145</u>	psig
20	<u>1145</u>	psig
25	<u>1145</u>	psig
30 min	<u>1145</u>	psig
35	<u>1145</u>	psig
40	<u>1145</u>	psig
45	<u>1145</u>	psig
50	<u>1145</u>	psig
55	<u>1145</u>	psig
60 min	<u>1145</u>	psig

Tubing pressure: 430 psig

Result: Pass Fail

Signature of Witness: Dennis Ingram

Signature of Person Conducting Test: Roy Liddell



DAILY WORKOVER REPORT

WELL NAME: TSF 1-30-8-17
Operation: M. I. T.

Report Date: 5-25-99

Completion Day: 03

Rig: N/A

WELL STATUS

Surf Csg: _____ @ _____ Prod Csg: _____ @ _____ WT: _____ Csg PBTD: _____
Tbg: _____ Size: _____ Wt: _____ Grd: _____ Pkr/EOT @: _____ BP/Sand PBTD: _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

CHRONOLOGICAL OPERATIONS

Date Work Performed: 24-May-99

SITP: _____ SICP: _____

On 5/21/99 Dennis Ingram with the DOGM and the EPA was also contacted and a time was set up to perform the MIT. On 5/24/99 the casing was pressured up to 1145 psi with the hot oil truck and charted with Dennis Ingram in attendance during test. Casing was charted for one hour with no leak off. Bled pressure off casing and submitted chart.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: _____ Starting oil rec to date: _____
Fluid lost/recovered today: _____ Oil lost/recovered today: _____
Ending fluid to be recovered: _____ Cum oil recovered: _____
IFL: _____ FFL: _____ FTP: _____ Choke: _____ Final Fluid Rate: _____ Final oil cut: _____

TUBING DETAIL

ROD DETAIL

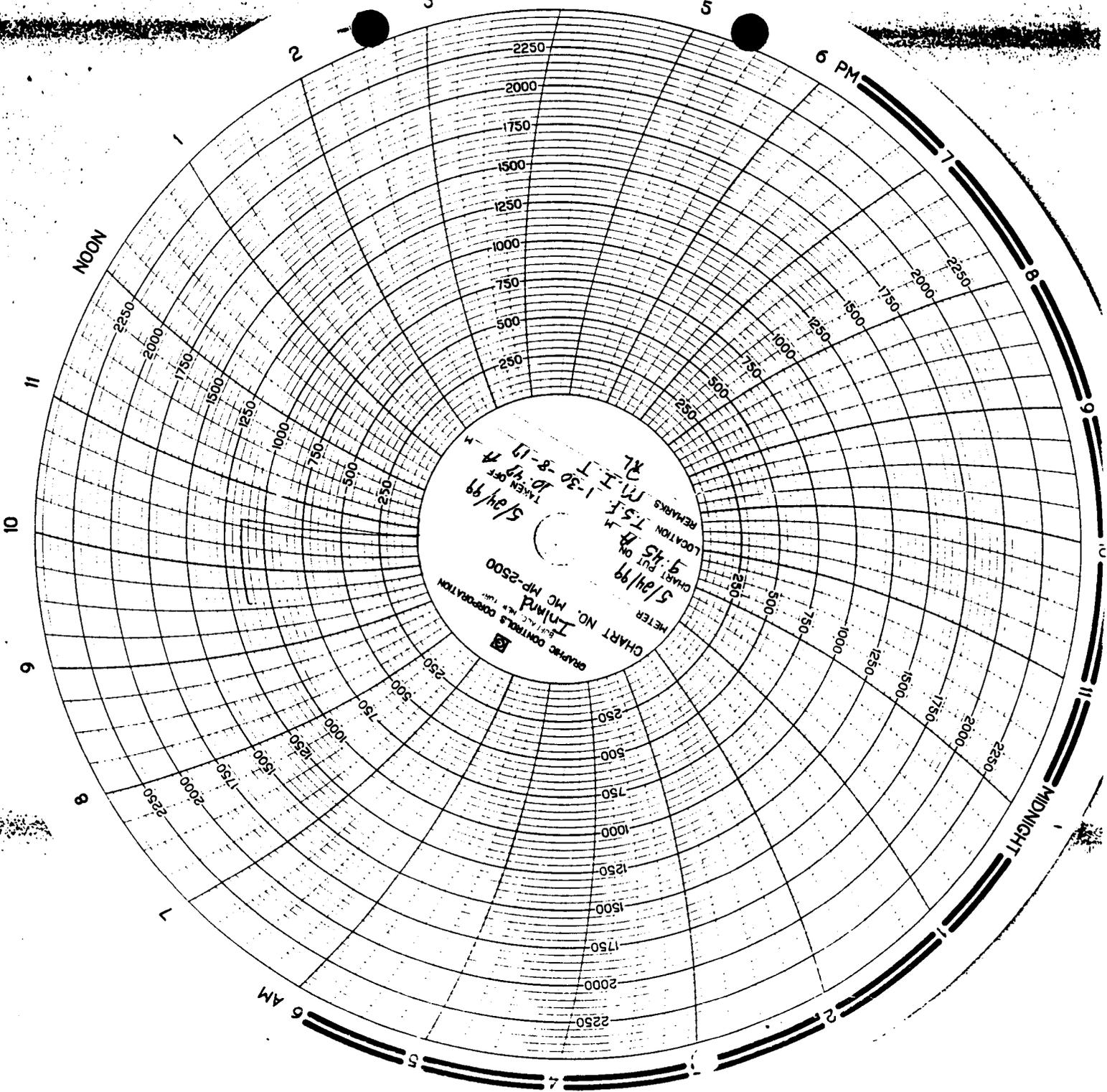
COSTS

TUBING DETAIL	ROD DETAIL	COSTS
N/A	N/A	
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

DAILY COST: _____

Workover Supervisor: Rod Bird

TOTAL WELL COST: _____



GRAPHIC CONTROLS CORPORATION
CHART NO. MC MP-2500
METER
5/24/99
CHART PUT ON 5
LOCATION T.S.I.
REMARKS T.S.I.
5/24/99
TAKEN AT
1-30-8-12
RL

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 1-30

9. API Well No.
43-013-31898

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)
0593 FNL 0670 FEL NE/NE Section 30, T08S R17E

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

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

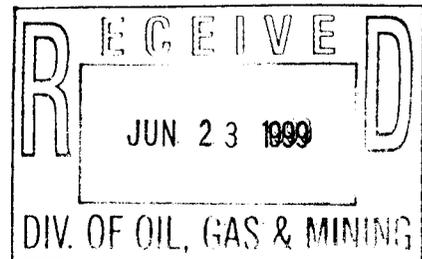
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

The above referenced well was converted to a water injection well 5-21-99 through 5-22-99.

Attachments:

- Daily Workover Report



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

Signed Shannon Smith Title Engineering Secretary Date 6/16/99

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: UTAH DOGM



Daily Workover Report

TAR SANDS FEDERAL 1-30
NE/NE Section 30, T08S R17E
DUCHESNE Co., Utah
API # 43-013-31898

Spud Date: 8/16/97
POP: 9/16/97
TD: 6250'
WO Rig: KES #51

5/21/99 PO: Injection Conversion. (Day 1)

Summary: 5/20/99 – TP: 0, CP: 0. MIRU KES #51. Pump 120 BW dn csg @ 250°F. RD pumping unit. Unseat rod pump. Flush tbg & rods w/45 BW @ 250°F. Re-seat pump & "soft joint" rods. Fill tbg w/10 BW. Press test tbg to 2000 psi. Retrieve rods, unseat pump. TOH & LD rod string & pump. Pump & rods all in good condition. ND wellhead. Release TA @ 5380'. NU BOP. TOH w/production tbg. LD BHA. TIH w/4-3/4" bit, 5-1/2" csg scraper, SN & 149 jts tbg to 4633'. SIFN w/est 175 BW used for rig job.

DC: \$7,800 TWC: \$7,800

5/22/99 PO: Injection Conversion. (Day 2)

Summary: 5/21/99 – TP: 0, CP: 0. Con't TIH w/bit, csg scraper & tbg f/4633' to 5504' (72' below btm perf). LD 28 jts f/top of string. TOH w/tbg. Break each connection & apply Liquid O-ring to each pin. LD btm 2 jts tbg (30 jts total), bit & scraper. TIH w/injection string as follows: 5-1/2" Arrowset 1-X pkr (w/W.L. re-entry guide & hardened steel slips), SN, 147 jts 2-7/8 8rd 6.5# M-50 tbg. ND BOP. Land tbg on flange. Mix 15 gal Unichem 6061 (corrosion inhibitor) & 5 gal Alpha 1-33 (biocide) in 60 Bbbls fresh wtr & pump dn csg @ 90°F. PU on tbg & set pkr w/15" stretch. Land tbg w/15,000# tension w/SN @ 4575', pkr elements @ 4580' & EOT @ 4584'. NU wellhead. Fill csg w/25 BW. Press test csg & pkr to 1200 psi. Lost 40 psi in 10 min, then held solid for 30 mins. Leave pressure on well. RDMOSU. Est 260 BW used for rig job.

DC: \$5,800 TWC: \$13,600

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

<p>1. SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.</p> <p>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection Well</p>	<p>5. LEASE DESIGNATION AND SERIAL NO UTU-74869</p> <p>6. IF INDIAN ALLOTTEE OR TRIBAL NAME N/A</p> <p>7. UNIT AGREEMENT NAME SAND WASH (GR RVR)</p> <p>8. WELL NAME and NUMBER TAR SANDS FEDERAL 1-30-8-17</p> <p>9. API NUMBER 43-013-31898</p> <p>10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE</p> <p>COUNTY DUCHESNE STATE UTAH</p>
<p>2. NAME OF OPERATOR INLAND PRODUCTION COMPANY</p>	
<p>3. ADDRESS AND TELEPHONE NUMBER Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</p>	
<p>4. LOCATION OF WELL</p> <p>Footages 593 FNL 670 FEL</p> <p>QQ, SEC, T, R, M: NE/NE Section 30, T08S R17E</p>	

<p>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA</p>	
<p>NOTICE OF INTENT: (Submit in Duplicate)</p> <p><input type="checkbox"/> ABANDON <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> WATER SHUT OFF</p> <p><input type="checkbox"/> OTHER _____</p>	<p>SUBSEQUENT REPORT OF: (Submit Original Form Only)</p> <p><input type="checkbox"/> ABANDON* <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input checked="" type="checkbox"/> OTHER Step Rate Test</p> <p>DATE WORK COMPLETED _____</p> <p>Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form</p> <p>*Must be accompanied by a cement verification report.</p>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.

A step rate test was conducted on the subject well on 3/22/01. Results from the test indicate that the fracture gradient is .600 psi/. Therefore, Inland is requesting that the MAIP be changed to 770 psi.

13. NAME & SIGNATURE Michael Guinn TITLE District Engineer DATE 4/13/01

(This space for State use only)

* See Instructions On Reverse Side

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

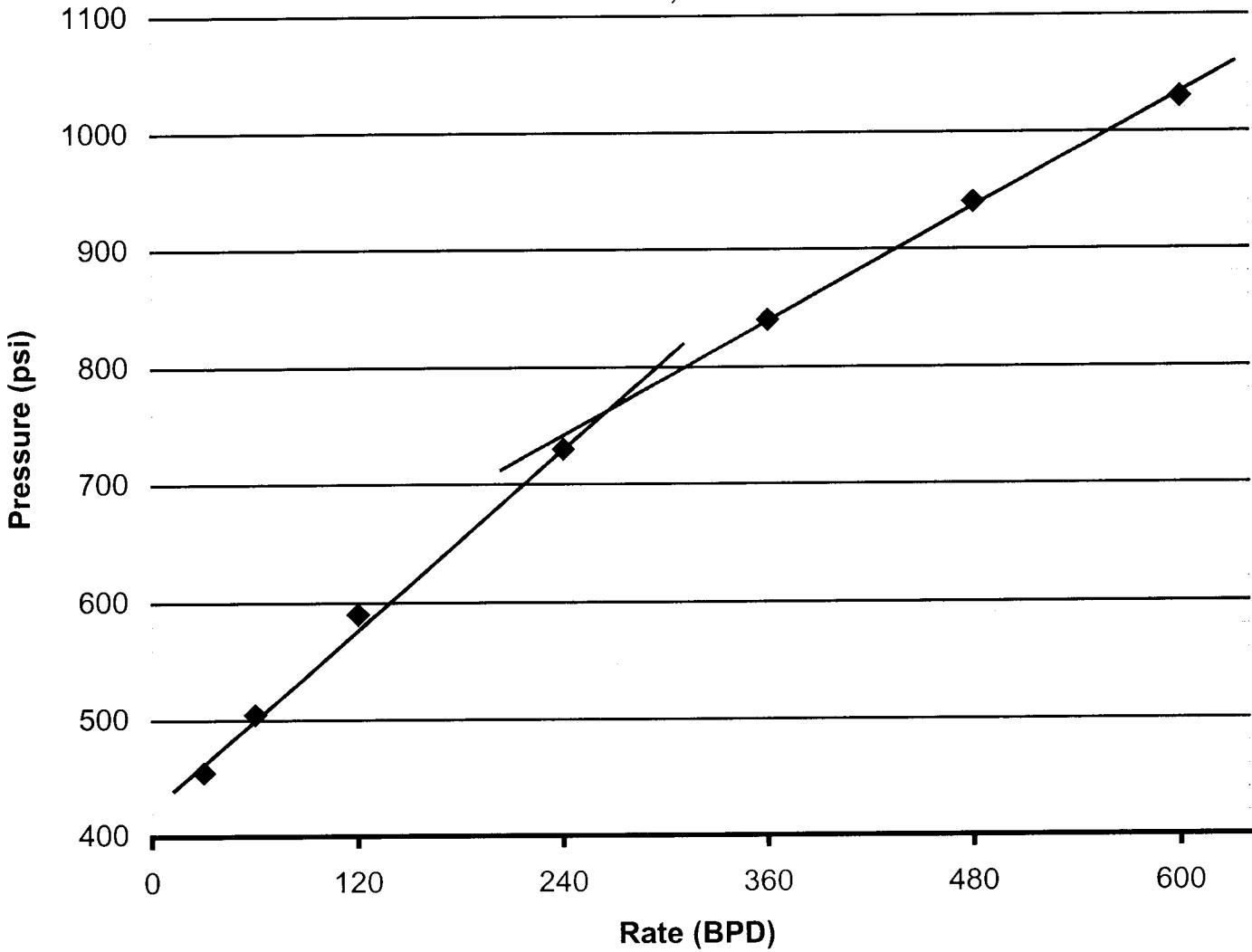
Date: 04-24-01
By: [Signature]

04/24/01
CHD

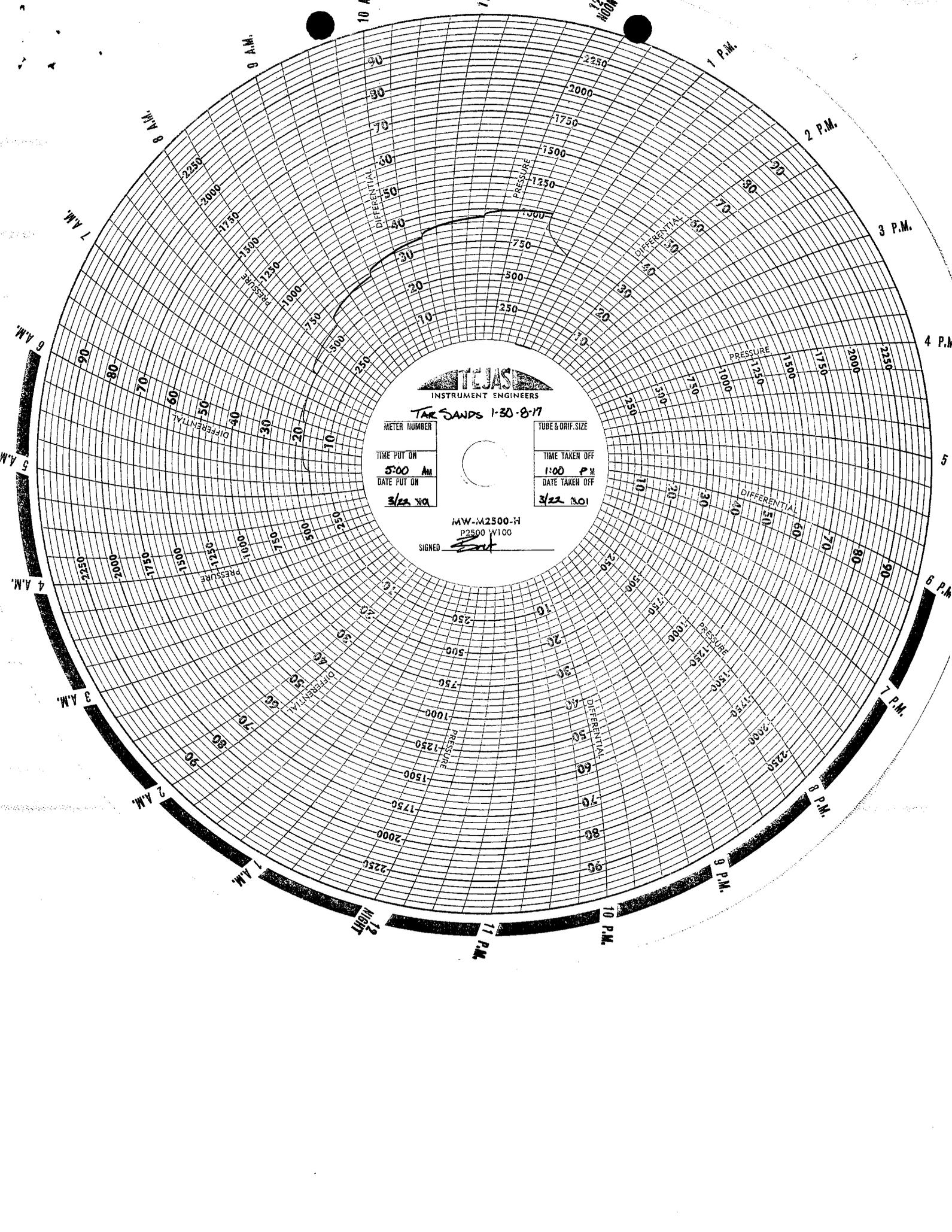
RECEIVED

DIVISION OF
OIL, GAS AND MINING

Tar Sands 1-30-8-17
Sand Wash Unit
Step Rate Test
March 22, 2001



Start Pressure:	395 psi	Step	Rate(bpd)	Pressure(psi)
ISIP:	970 psi	1	30	455
Fracture pressure:	770 psi	2	60	505
Top Perforation:	4658 feet	3	120	590
FG:	0.600 psi/ft	4	240	730
		5	360	840
		6	480	940
		7	600	1030



TAR SANDS 1-30-8-17

METER NUMBER
 TIME PUT ON
 5:00 AM
 DATE PUT ON
 3/22 30

TUBE & ORIF. SIZE
 TIME TAKEN OFF
 1:00 P.M.
 DATE TAKEN OFF
 3/22 30

MW-M2500-H
 P2500 W100

SIGNED *[Signature]*

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

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTU74869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

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

7. UNIT or CA AGREEMENT NAME:

SAND WASH UNIT

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

8. WELL NAME and NUMBER:

TAR SANDS FED 1-30

2. NAME OF OPERATOR:
Inland Production Company

9. API NUMBER:

4301331898

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: 0593 FNL 0670 FEL

COUNTY: Duchesne

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

STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
	TYPE OF ACTION	TYPE OF ACTION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> 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>05/18/2004</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 A five year MIT was conducted on the subject well. On 5/12/04 Mr. Al Craver w/EPA was notified of the intent to conduct a MIT on the casing. On 5/14/04 the casing was pressured to 1200 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

NAME (PLEASE) Krishna Russell

TITLE Production Clerk

SIGNATURE Krishna Russell

DATE May 18, 2004

(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

EPA Witness: _____ Date: 5 / 14 / 04
 Test conducted by: BOB HENZIE
 Others present: _____

Well Name: <u>The Sands Fed 14728-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>SANDWASH UNIT</u>		
Location: <u>NE NE</u> Sec: <u>30</u> T: <u>8</u> N/S: <u>R17</u> E/W: _____	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>IONIAN</u>		
Last MIT: <u>5 / 25 / 99</u>	Maximum Allowable Pressure: <u>767</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: 54 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>580</u> psig	psig	psig
End of test pressure	<u>580</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1200</u> psig	psig	psig
5 minutes	<u>1200</u> psig	psig	psig
10 minutes	<u>1200</u> psig	psig	psig
15 minutes	<u>1200</u> psig	psig	psig
20 minutes	<u>1200</u> psig	psig	psig
25 minutes	<u>1200</u> psig	psig	psig
30 minutes	<u>1200</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: _____

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU74869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
SAND WASH UNIT

8. WELL NAME and NUMBER:
TAR SANDS FED 1-30

9. API NUMBER:
4301331898

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

2. NAME OF OPERATOR:
Inland Production Company

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 0593 FNL 0670 FEL COUNTY: Duchesne

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

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

TYPE OF SUBMISSION	TYPE OF ACTION																									
	ACIDIZE	ALTER CASING	CASING REPAIR	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	PRODUCTION (START/STOP)	RECLAMATION OF WELL SITE	RECOMPLETE - DIFFERENT FORMATION	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARITLY ABANDON	TUBING REPAIR	VENT OR FLAIR	WATER DISPOSAL	WATER SHUT-OFF	OTHER: - 5 Year MIT
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/18/2004	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>							

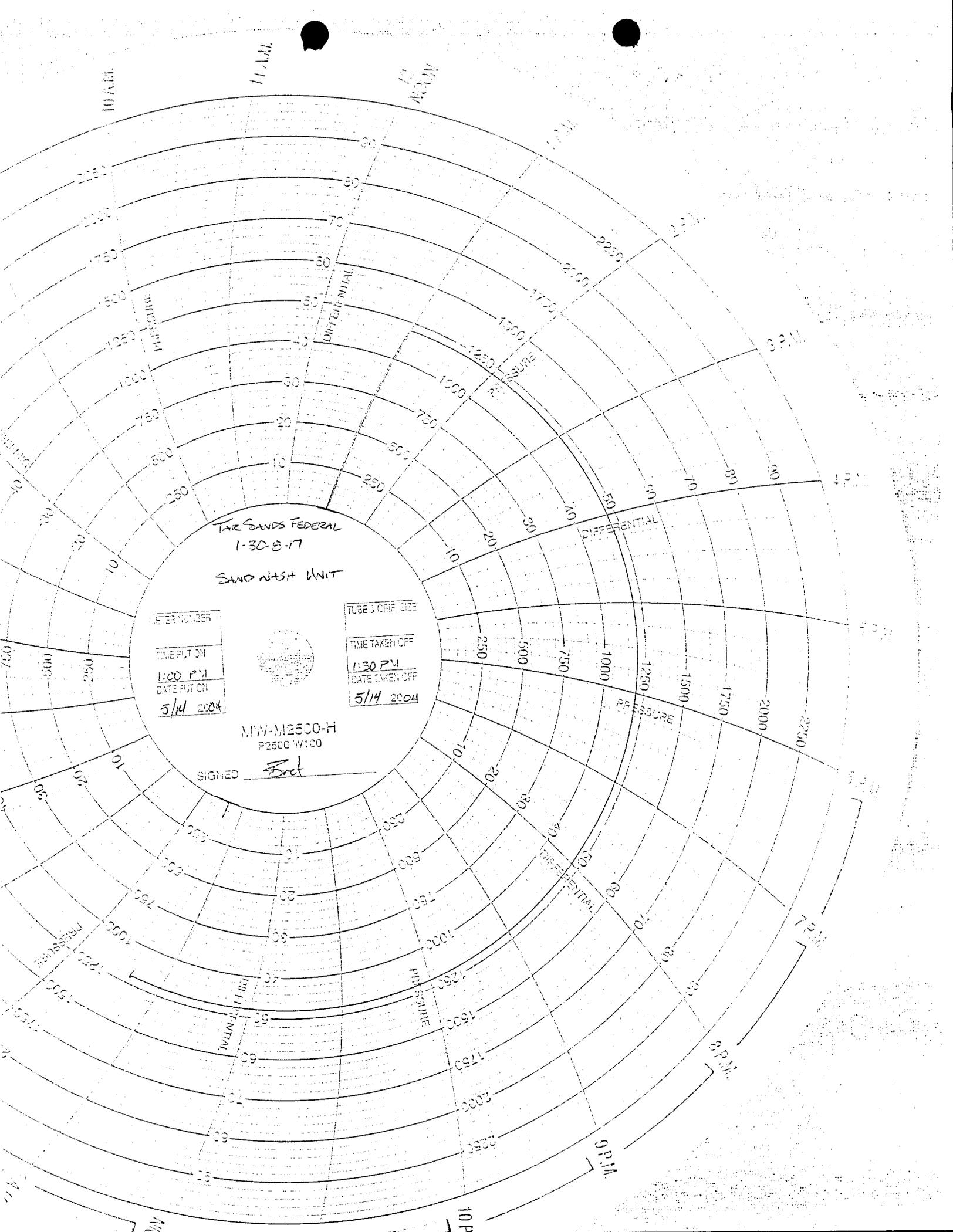
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
A five year MIT was conducted on the subject well. On 5/12/04 Mr. Al Craver w/EPA was notified of the intent to conduct a MIT on the casing. On 5/14/04 the casing was pressured to 1200 psi w/ no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

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

NAME (PLEASE) Krishna Russell TITLE Production Clerk

SIGNATURE Krishna Russell DATE May 18, 2004 **MAY 19 2004**

(This space for State use only)



TAR SANDS FEDERAL
1-30-8-17
SAND NASH UNIT

METER NUMBER

TIME PUT ON

1:00 PM

DATE PUT ON

5/14 2004

TUBE & CRIP SIZE

TIME TAKEN OFF

1:30 PM

DATE TAKEN OFF

5/14 2004

MIV-M2500-H
P2500 W100

SIGNED

Bret

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: 5 / 14 / 04
 Test conducted by: BRET HEWLE
 Others present: _____

Well Name: <u>THE SANDS, FED 149-2-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>SANDWASH UNIT</u>		
Location: <u>NE 1/4</u> Sec: <u>30</u> T <u>8</u> N/S R <u>17</u> E/W	County: <u>DICHESNE</u>	State: <u>WY</u>
Operator: <u>INLAND</u>		
Last MIT: <u>5 / 25 / 99</u>	Maximum Allowable Pressure: <u>767</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: 54 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>580</u> psig	psig	psig
End of test pressure	<u>580</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1200</u> psig	psig	psig
5 minutes	<u>1200</u> psig	psig	psig
10 minutes	<u>1200</u> psig	psig	psig
15 minutes	<u>1200</u> psig	psig	psig
20 minutes	<u>1200</u> psig	psig	psig
25 minutes	<u>1200</u> psig	psig	psig
30 minutes	<u>1200</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

MAY 19 2004

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: _____

INSPECTION FORM 1 STATE OF UTAH
DIVISION OF OIL GAS AND MINING

DRILLING OPERATIONS

Well Name: <u>TAR SAND FEDERAL #1-30</u> API Number: <u>43-013-31898</u>			
Qtr/Qtr: <u>NE/NE</u>	Section: <u>30</u>	Township: <u>8S</u>	Range: <u>17E</u>
Company Name: <u>INLAND PRODUCTION COMPANY</u>			
Lease: State _____	Fee _____	Federal <u>YES</u>	Indian _____
Inspector: <u>DENNIS L. INGRAM</u>		Date: <u>5/20/99</u>	

Inspection made in accordance with Division Inspection Standards and Procedures for drilling operations, any exceptions noted in comments.

Depth at time of visit: _____ Last BOPE test recorded: _____
Drilling Contractor: BASIN WELL SERVICE Rig No. #1

COMMENTS: CONVERSION FROM POW TO WIW. CREW JUST FINISHED
LAYING DOWN RODS AND ARE PREPARING TO POOH WITH TUBING. RIG DOES
HAVE A BOPE IN PLACE.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office
From: Acting Chief, Branch of Fluid Minerals
Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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

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



Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
 Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
 Phone: (303) 893-0102
 Comments:

Name: Brian Harris
 Signature: *Brian Harris*
 Title: Engineering Tech.
 Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
 Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
 Phone: _____
 Comments:

Name: Brian Harris
 Signature: *Brian Harris*
 Title: Engineering Tech.
 Date: 9/15/2004

(This space for State use only)

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

Approval Date: 9-20-04

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

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

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

CA No. Unit: SAND WASH (GREEN RIVER)

WELL(S)									
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
SAND WASH FED 11-19-8-17	19	080S	170E	4301332374	12308	Federal	OW	DRL	K
SAND WASH FED 12-19-8-17	19	080S	170E	4301332375		Federal	OW	APD	K
SAND WASH FED 14-19-8-17	19	080S	170E	4301332376	12308	Federal	OW	DRL	K
TAR SANDS FED 13-29	29	080S	170E	4301331925	12308	Federal	WI	A	
TAR SANDS FED 8-30	30	080S	170E	4301331870	12308	Federal	OW	P	
TAR SANDS FED 9-30	30	080S	170E	4301331873	12308	Federal	WI	A	
TAR SANDS FED 15-30	30	080S	170E	4301331874	12308	Federal	WI	A	
TAR SANDS FED 1-30	30	080S	170E	4301331898	12308	Federal	WI	A	
TAR SANDS FED 2-31	31	080S	170E	4301331866	12308	Federal	OW	P	
SAND WASH FED 14-31-8-17	31	080S	170E	4301332443		Federal	OW	APD	K
SAND WASH FED 11-31-8-17	31	080S	170E	4301332444	12308	Federal	OW	P	K
SAND WASH FED 13-31-8-17	31	080S	170E	4301332445		Federal	OW	APD	K
SAND WASH FED 12-31-8-17	31	080S	170E	4301332446	12308	Federal	OW	P	K
SAND WASH FED 15-31-8-17	31	080S	170E	4301332448		Federal	OW	APD	K
SAND WASH FED 10-31T-8-17	31	080S	170E	4301332449	12308	Federal	OW	P	K

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 4 / 14 / 09
 Test conducted by: Chris Wilkerson
 Others present: _____

Well Name: <u>Tar Sands Federal 1-30-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Mon Butte/Sandwash Unit</u>		
Location: <u>NE/NE</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>UT</u>
Operator: <u>Newfield</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>767</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: 83 bpd

Pre-test casing/tubing annulus pressure: ∅ psig

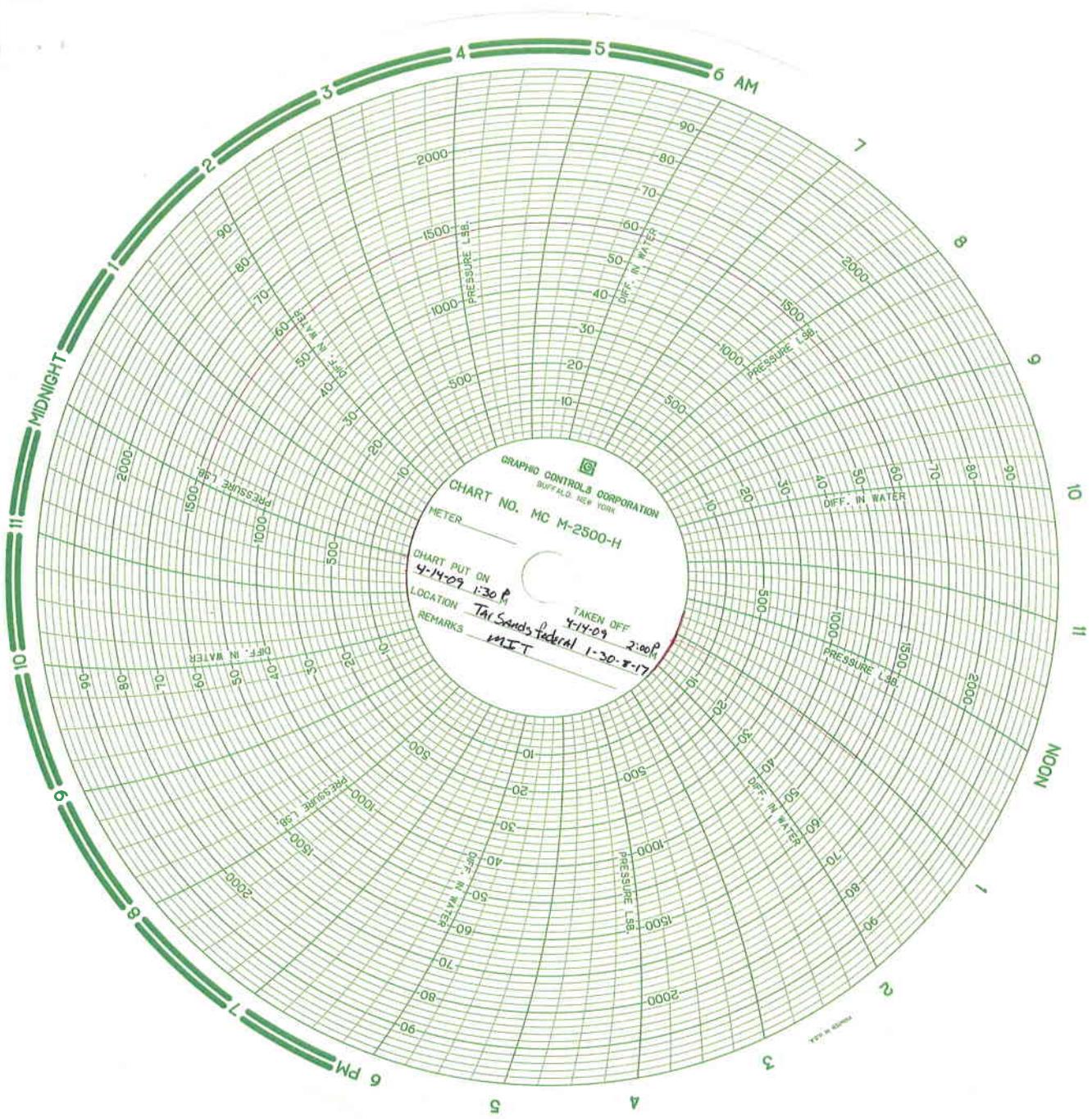
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	750 psig	psig	psig
End of test pressure	750 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1445 psig	psig	psig
5 minutes	1445 psig	psig	psig
10 minutes	1445 psig	psig	psig
15 minutes	1445 psig	psig	psig
20 minutes	1445 psig	psig	psig
25 minutes	1445 psig	psig	psig
30 minutes	1445 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: _____ Chris Wilkerson



MIDNIGHT

6 AM

NOON

6 PM

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

Tar Sands Federal #1-30

Initial Production. NA BOPD,
 NA MCFPD, NA BWPD

Injection 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 (bg)
 NO OF JOINTS: 147 jts (4560.50')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4575.50'
 TOTAL STRING LENGTH: EOT @ 4583.93'

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.

4/24/99 Well converted to an Injection well.
 4/14/09 5 Year MIT completed and submitted.

CEMENT TOP 1720'

Packer @ 4580'

4658'-61'
 4679'-87'

5121'-25'
 5129'-37'
 5176'-80'
 5190'-97'
 5299'-5302'

5427'-32'

PBTD @ 6193'
 ID @ 6250'

PERFORATION RECORD

9/06/97	5427'-5432'	4 JSFP	20 holes
9/06/97	5299'-5302'	4 JSFP	12 holes
9/09/97	5190'-5197'	4 JSFP	28 holes
9/09/97	5176'-5180'	4 JSFP	16 holes
9/09/97	5129'-5137'	4 JSFP	32 holes
9/09/97	5121'-5125'	4 JSFP	16 holes
9/11/97	4679'-4687'	4 JSFP	32 holes
9/11/97	4658'-4661'	4 JSFP	12 holes

NEWFIELD

Tar Sands Federal #1-30
 610 FNL 660 FEL
 NENE Section 30-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31898; Lease #U-74869

Sundry Number: 48788 API Well Number: 43013318980000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869	
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: TAR SANDS FED 1-30	
PHONE NUMBER: 435 646-4825 Ext		9. API NUMBER: 43013318980000	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0593 FNL 0670 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 30 Township: 08.0S Range: 17.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
		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: 3/10/2014 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="5 YR MIT"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 03/10/2014 the casing was pressured up to 1203 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 640 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04437			
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 3/13/2014	

RECEIVED: Mar. 13, 2014

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: 3 / 10 / 2014
 Test conducted by: Dustin Bennett
 Others present: _____

Well Name: <u>Tar Sands Federal 2-30-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Manvant Butte</u>		
Location: <u>NE1/4</u> Sec: <u>30</u> T <u>8</u> N <u>10</u> R <u>17</u> W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1125</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: 1204 / 640 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>640</u> psig	psig	psig
End of test pressure	<u>640</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1204</u> psig	psig	psig
5 minutes	<u>1203</u> psig	psig	psig
10 minutes	<u>1203</u> psig	psig	psig
15 minutes	<u>1203</u> psig	psig	psig
20 minutes	<u>1203</u> psig	psig	psig
25 minutes	<u>1203</u> psig	psig	psig
30 minutes	<u>1203</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: _____

Tar Sands Fed 1-30-8-17

3/10/2014 11:33:16 AM

