

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED NOVEMBER 4, 1996

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

DRILLING APPROVED: JULY 7, 1997

SPUDDED IN: 7/23/97

COMPLETED: 8/29/97 POW PUT TO PRODUCING:

INITIAL PRODUCTION: 118 Bbl, 176 Mcf, 3 Bbl

GRAVITY A.P.I.

GOR: 1.5

PRODUCING ZONES: 4580-4602' FRRV

TOTAL DEPTH: 6425'

WELL ELEVATION: 5231' AIR

DATE ABANDONED:

FIELD: TREATY BOUNDARY

UNIT:

COUNTY: DUCHESNE

WELL NO. TAR SANDS FEDERAL 1-29 API NO. 43-013-31743

LOCATION 695 FNL FT. FROM (N) (S) LINE, 663 FEL FT. FROM (E) (W) LINE, NE NE 1/4 - 1/4 SEC. 29

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				8S	17E	29	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
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
<i>garden gulch</i>	Dakota	Park City	McCracken
<i>point 3</i>	Burro Canyon	Rico (Goodridge)	Aneth
<i>x marker</i>	Cedar Mountain	Supai	Simonson Dolomite
<i>y marker</i>	Buckhorn	Wolfcamp	Sevy Dolomite
<i>Douglas Creek</i>	JURASSIC	CARBON I FEROUS	North Point
<i>bicarbonate</i>	Morrison	Pennsylvanian	SILURIAN
<i>B limestone</i>	Salt Wash	Oquirrh	Laketown Dolomite
<i>CASTLE PEAK</i>	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		
Blackhawk	TRIASSIC	Cane Creek	

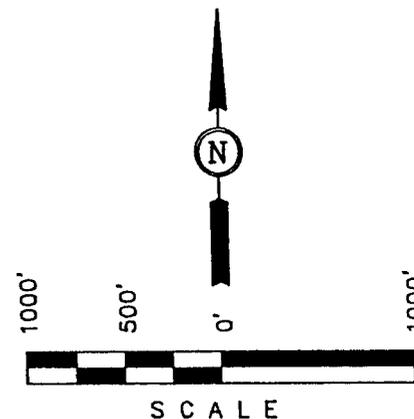
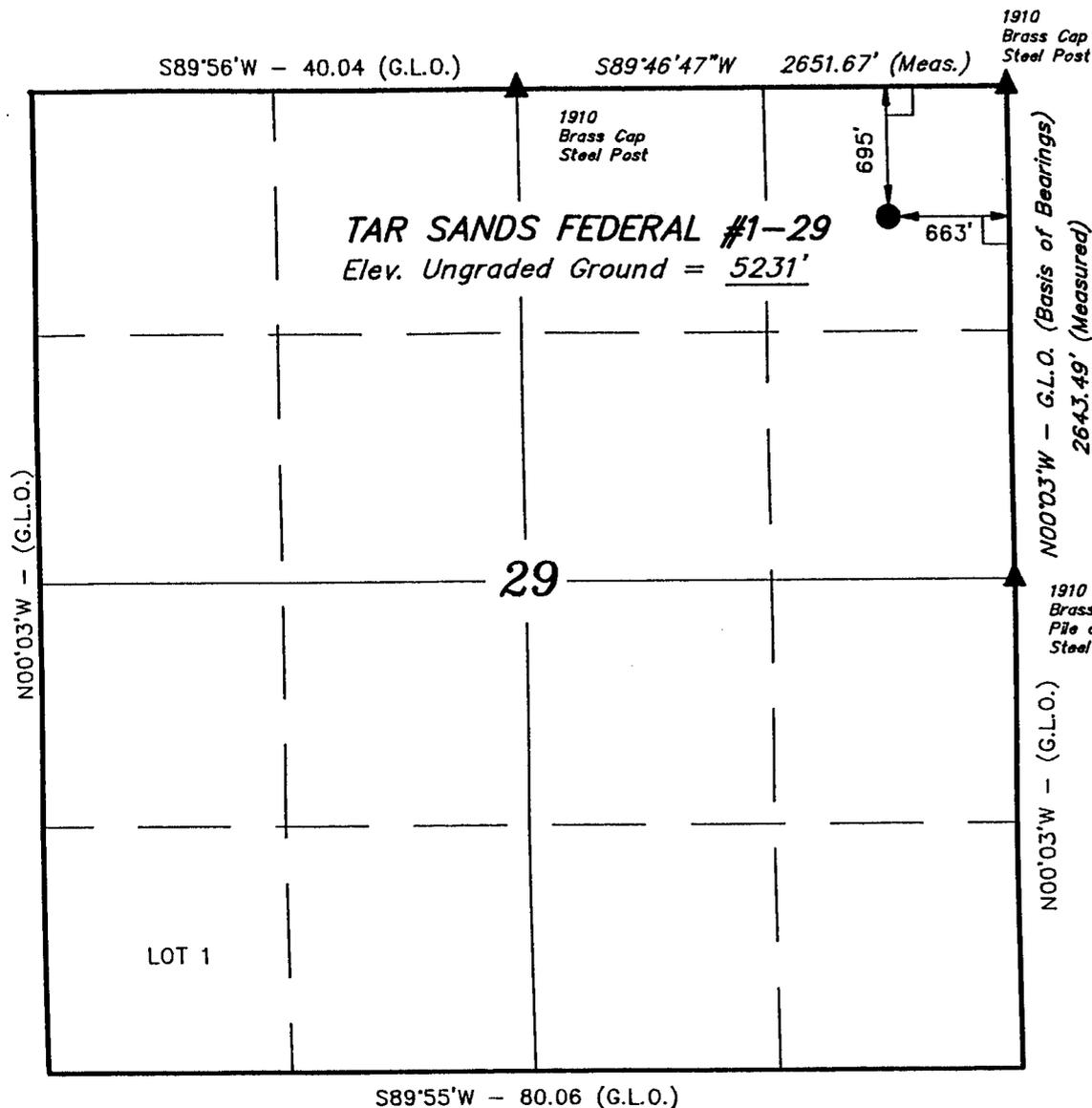
INLAND PRODUCTION CO.

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

Well location, TAR SANDS FEDERAL #1-29,
located as shown in the NE 1/4 NE 1/4
of Section 29, T8S, R17E, S.L.B.&M.
Duchesne County, Utah.

BASIS OF ELEVATION

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



CERTIFICATE

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

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

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

SCALE 1" = 1000'	DATE SURVEYED: 7-18-96	DATE DRAWN: 7-23-96
PARTY J.F. D.C. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

LEGEND:

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

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #1-29
NE/NE SECTION 29, T8S, R17E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

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

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

Green River Formation 3050' - 6600' Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

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

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

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

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

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

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

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

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

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

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

It is anticipated that the drilling operations will commence in December of 1996, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #1-29
NE/NE SECTION 29, 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 #1-29 located in the NE 1/4 NE 1/4 Section 29, T8S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles \pm to the junction of this highway and Utah State Highway 53; proceed southeasterly along Utah State Highway 7.9 miles to its junction with an existing dirt road, proceed northeasterly 1.9 miles to the beginning of the proposed access road, to be discussed in item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 53 ends, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the NE 1/4 NE 1/4 Section 29, T8S, R17E, S.L.B., and proceeds in a westerly direction approximately .7 miles \pm , to the proposed location site.

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

Culverts, if any, will be determined on onsite with the BLM.

There will be no water turnouts constructed along this road.

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

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

3. **LOCATION OF EXISTING WELLS**

There are ten (10) producing, two (2) injection, one (1) water production, and two (2) P&A, Inland Production wells, within a one (1) mile radius of this well. See Exhibit "D".

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

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

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

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

Tank batteries will be built to BLM specifications.

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

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

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte oilfield. Johnson Water District has given permission to Inland Production Company to use water from our system for the purpose of drilling and completing the Tar Sands Federal #1-29.

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

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

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

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

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

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

A portable toilet will be provided for human waste.

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

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

8. **ANCILLARY FACILITIES**

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

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

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

No flare pit will be used at this location.

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

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

Fencing Requirements

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

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

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

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

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

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

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

b) *Dry Hole Abandoned Location*

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

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

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

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

Additional Surface Stipulations

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 #1-29, 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 #1-29, 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 #1-29 NE/NE Section 29, Township 8S, Range 17E: Lease U-74869, Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

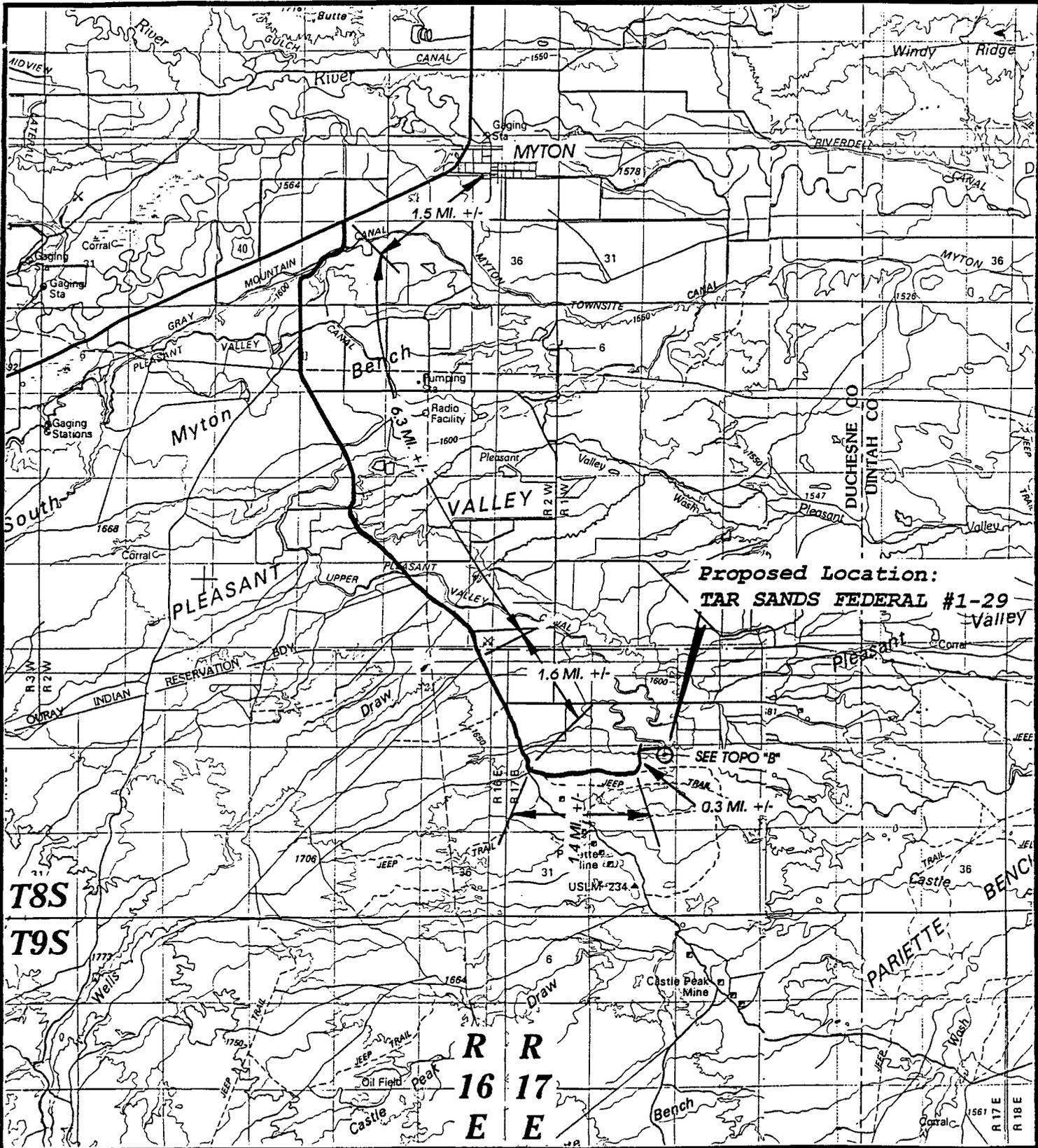
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

10-29-96

Date

Brad Mecham

Brad Mecham
District Manager



UEIG

**TOPOGRAPHIC
 MAP "A"**

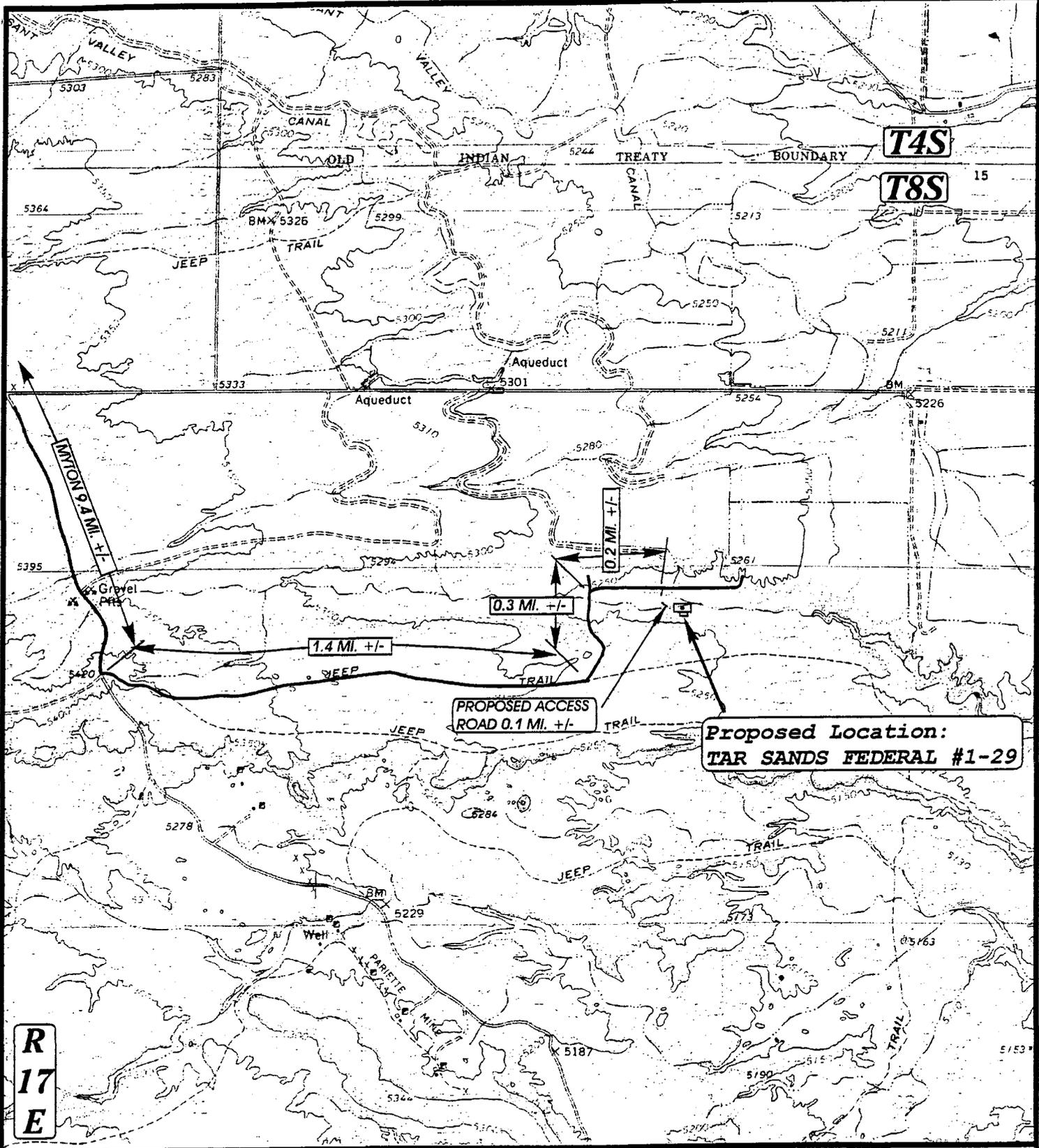
DATE: 7-25-96
 Drawn by: D.R.B.

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



INLAND PRODUCTION COMPANY

TAR SANDS FEDERAL #1-29
SECTION 29, T8S, R17E, S.L.B.&M.
695' FNL 663' FEL



**R
17
E**

**TOPOGRAPHIC
MAP "B"**

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

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

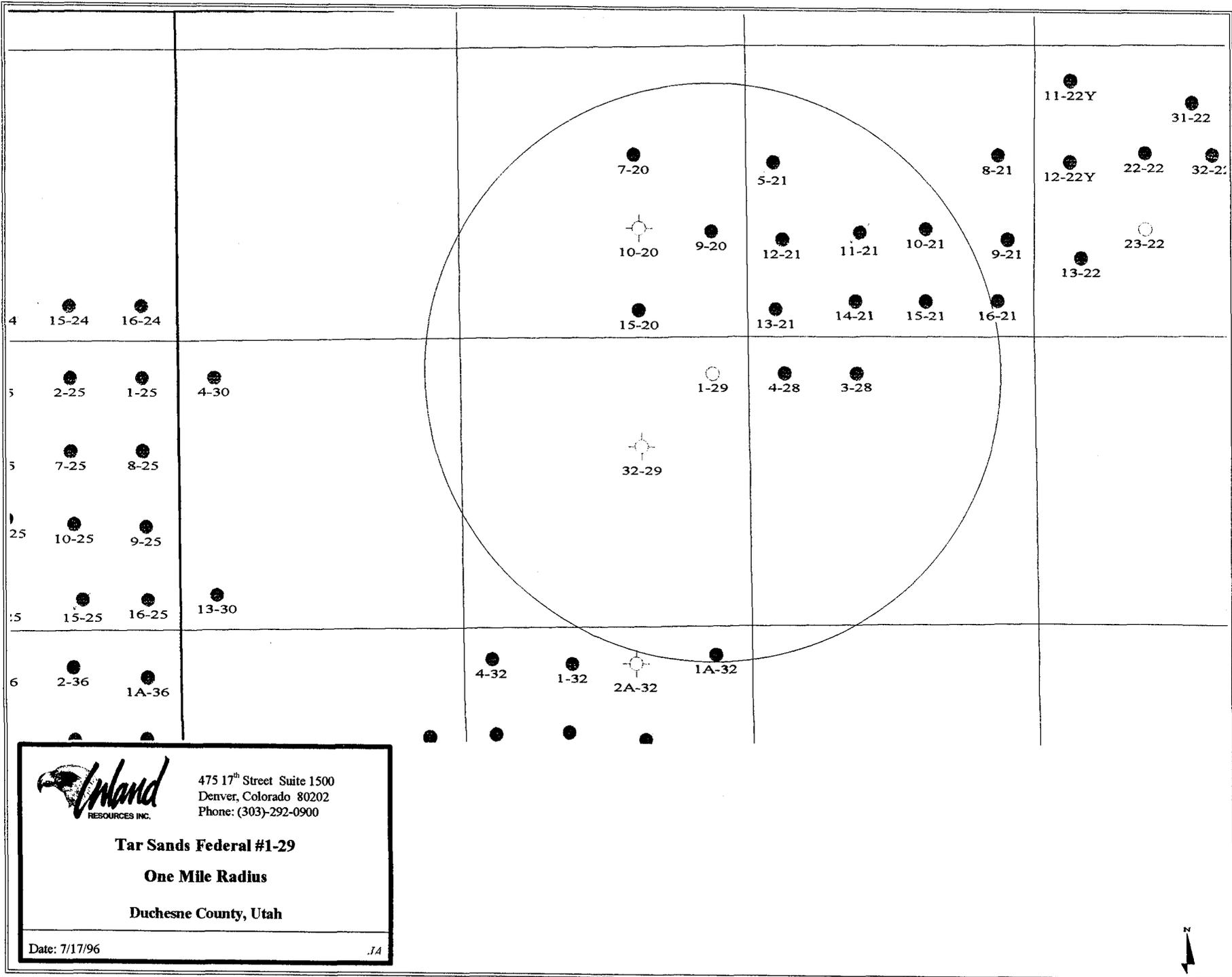


SCALE: 1" = 2000'

INLAND PRODUCTION CO.

**TAR SANDS FEDERAL #1-29
SECTION 29, T8S, R17E, S.L.B.&M.
695' FNL 663' FEL**

EXHIBIT "D"



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

Tar Sands Federal #1-29

One Mile Radius

Duchesne County, Utah

Date: 7/17/96

.14

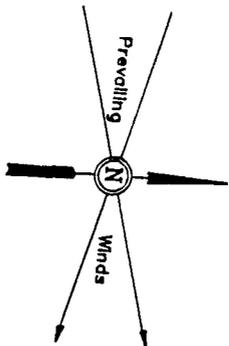


INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

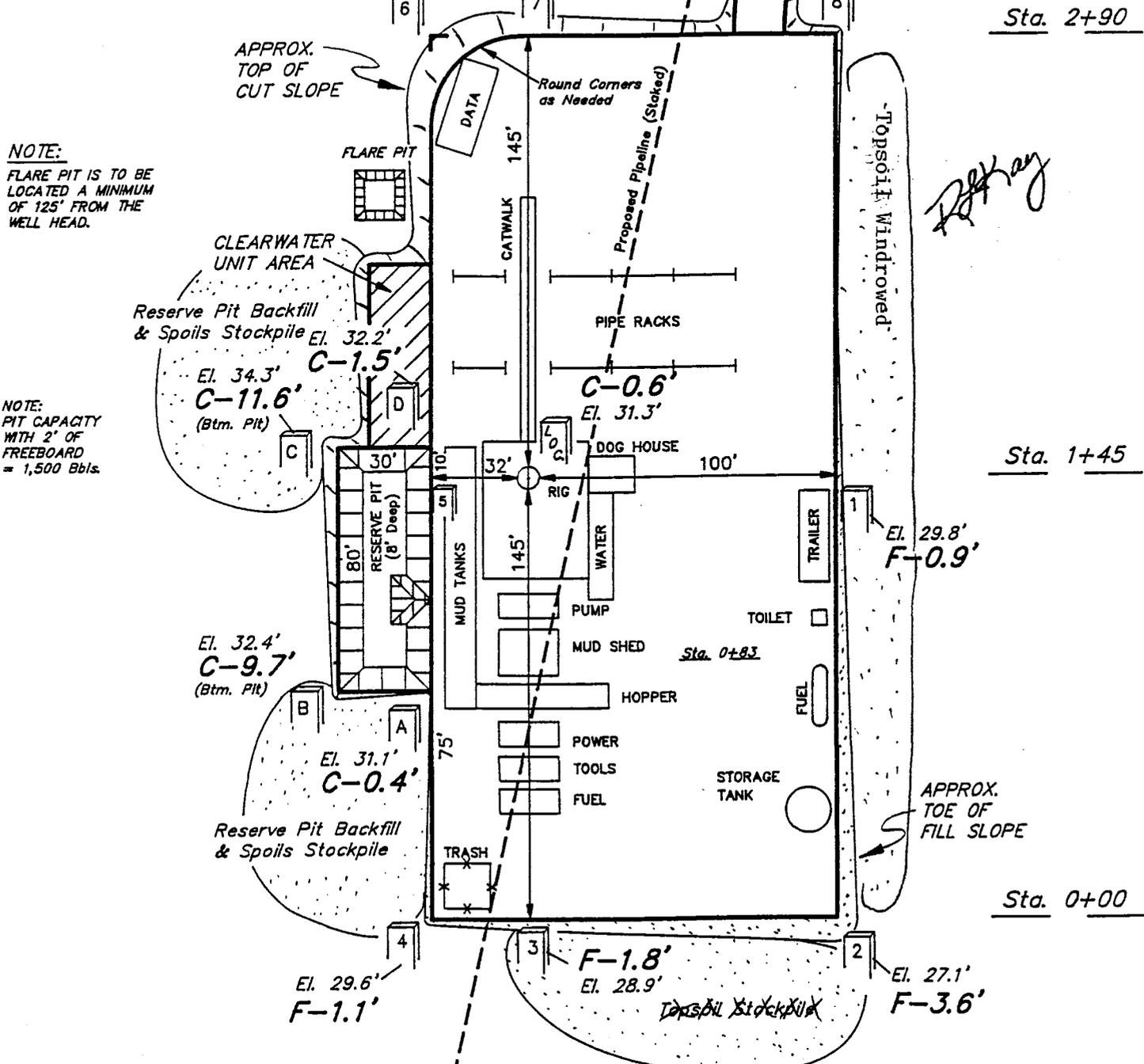
TAR SANDS FEDERAL #1-29
SECTION 29, T8S, R17E, S.L.B.&M.

695' FNL 663' FEL



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

Proposed Access Road



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

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

Reyn

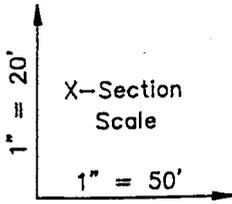
Elev. Ungraded Ground at Location Stake = 5231.3'
Elev. Graded Ground at Location Stake = 5230.7'

INLAND PRODUCTION CO.

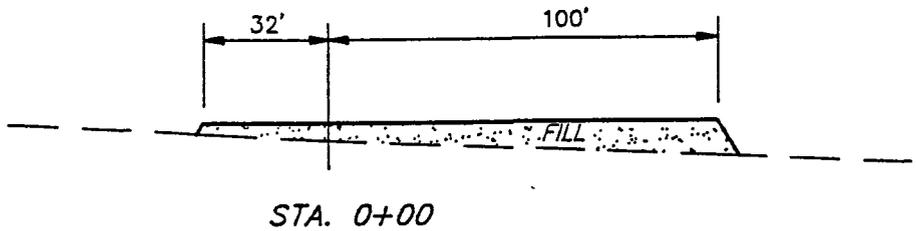
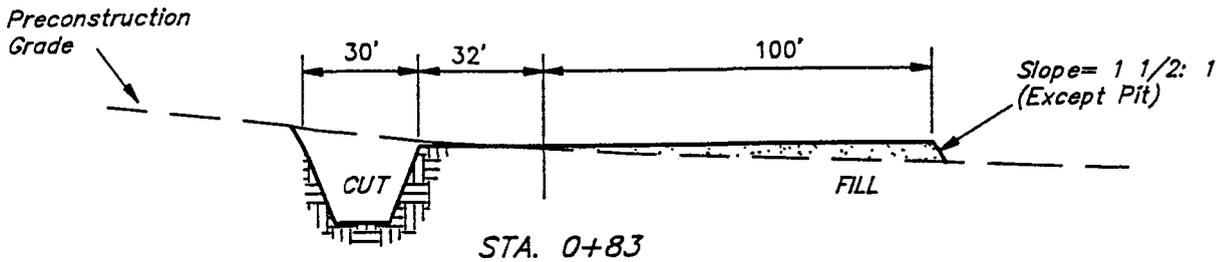
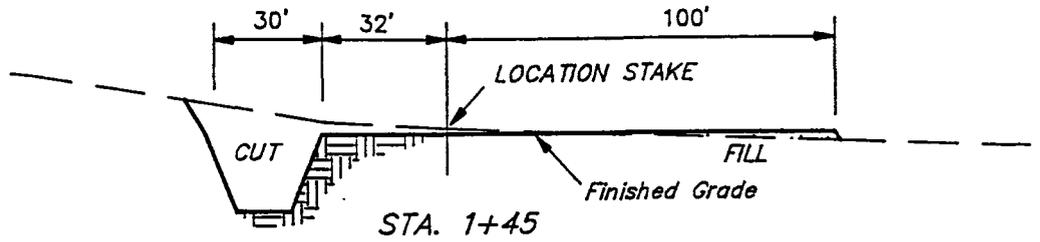
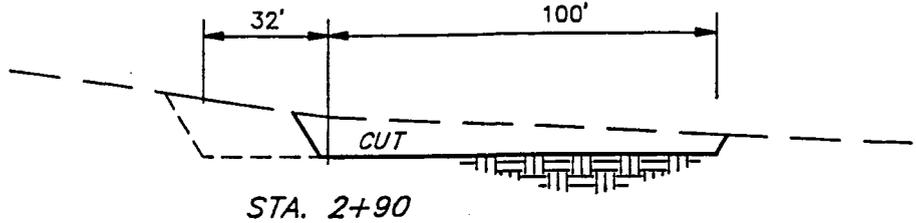
TYPICAL CROSS SECTIONS FOR

TAR SANDS FEDERAL #1-29
SECTION 29, T8S, R17E, S.L.B.&M.
695' FNL 663' FEL

Handwritten signature



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



APPROXIMATE YARDAGES

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

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

RAM TYPE B.O.P.

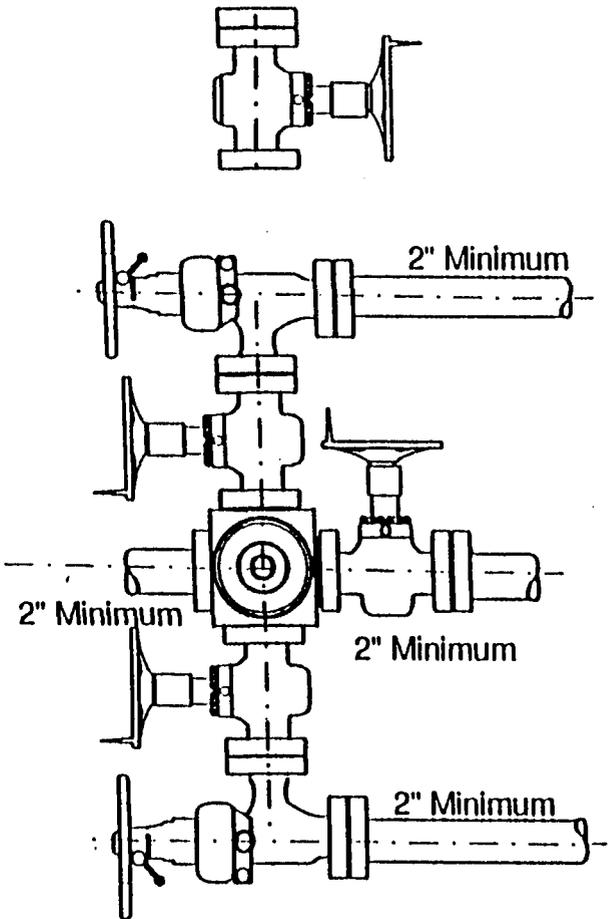
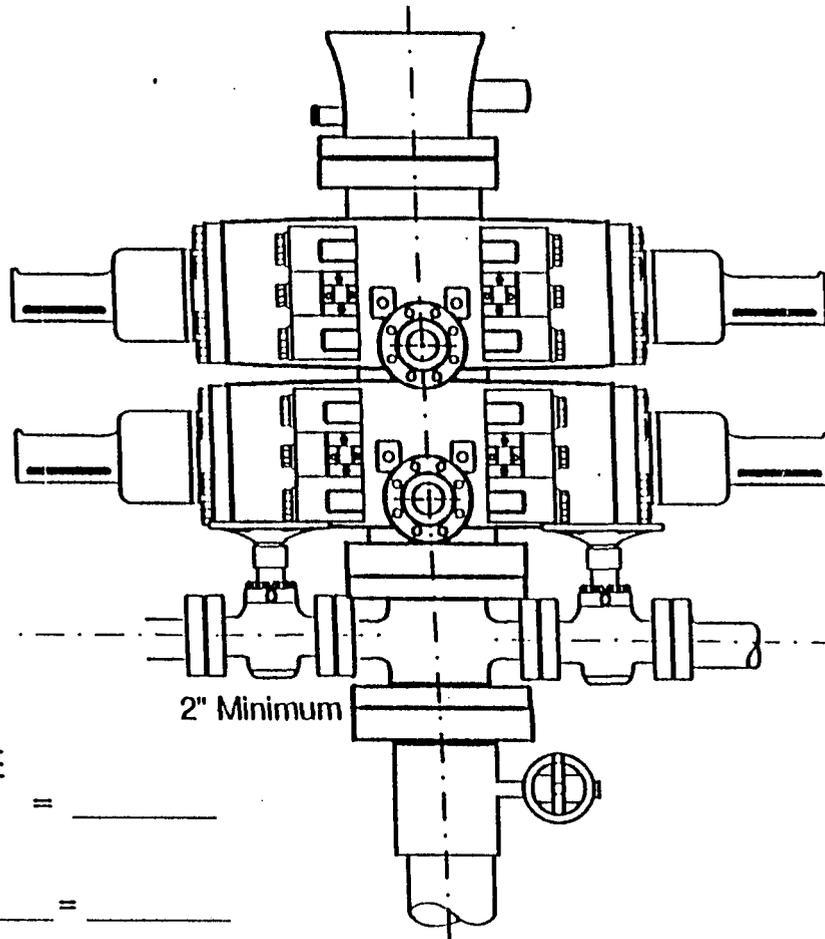
Make:

Size:

Model:

2-M SYSTEM

EXHIBIT F



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

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

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/04/96

API NO. ASSIGNED: 43-013-31743

WELL NAME: TAR SANDS FEDERAL 1-29
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
 NENE 29 - T08S - R17E
 SURFACE: 0695-FNL-0663-FEL
 BOTTOM: 0695-FNL-0663-FEL
 DUCHESNE COUNTY
 TREATY BOUNDARY FIELD (130)

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 4488444)

Potash (Y/N)

Oil shale (Y/N)

Water permit
 (Number GILSONITE STATE 7-32 well)

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

LOCATION AND SITING:

___ R649-2-3. Unit: _____

R649-3-2. General.

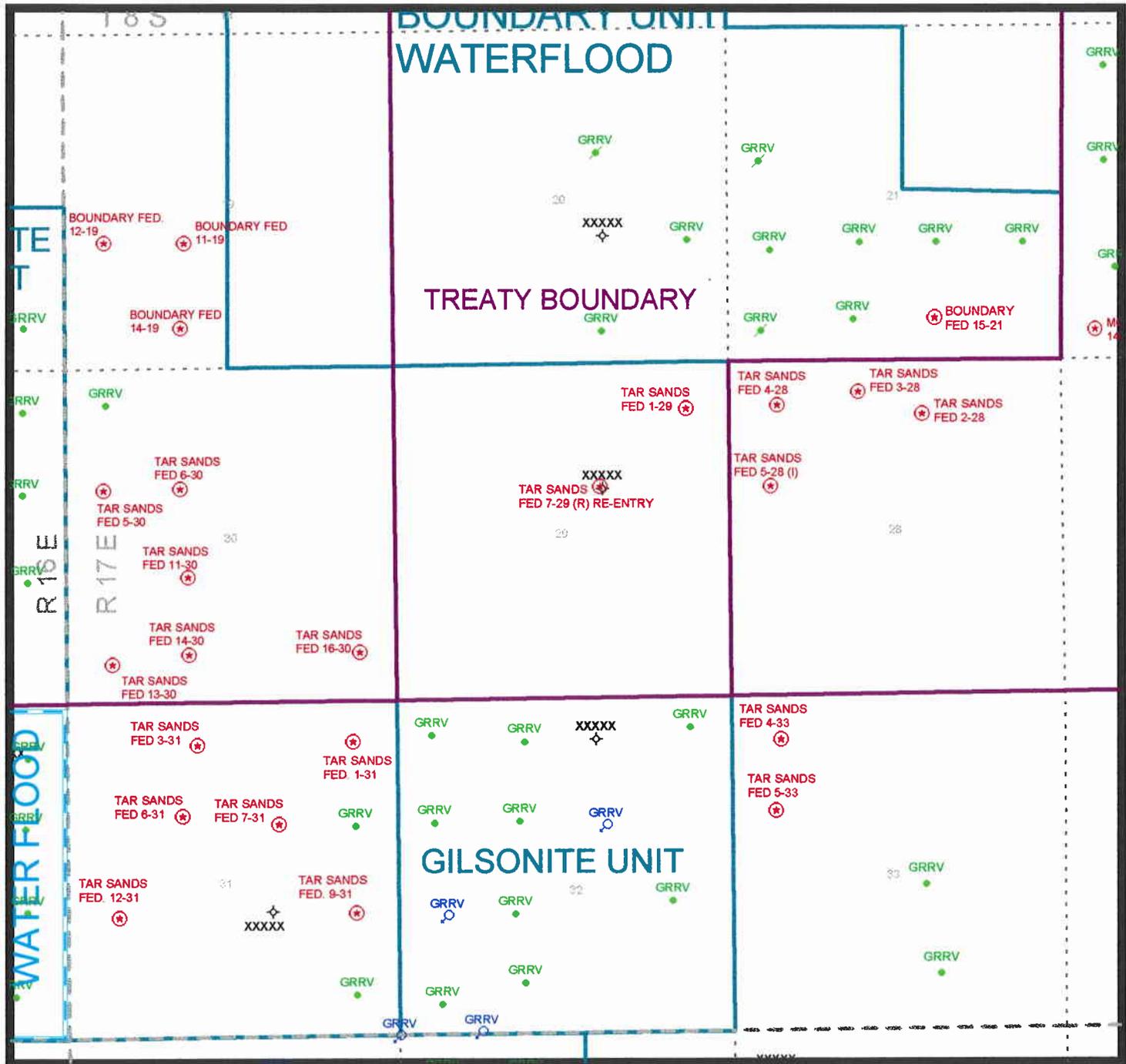
___ R649-3-3. Exception.

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

COMMENTS: _____

STIPULATIONS: _____

OPERATOR: INLAND PRODUCTION
FIELD: MONUMENT BUTTE (105)
SECTION: 29 T8S R17E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 5-NOV-96



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

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

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

July 7, 1997

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

Re: Tar Sands Federal 1-29 Well, 695' FNL, 663' FEL, NE NE,
Sec. 29, 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 43-013-31743.

Sincerely,

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

Lowell P. Braxton
Deputy Director

lwp

Enclosures

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

Operator: Inland Production Company
Well Name & Number: Tar Sands Federal 1-29
API Number: 43-013-31743
Lease: U-74869
Location: NE NE Sec. 29 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.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Fed. 1-29

API Number: 43-013-31743

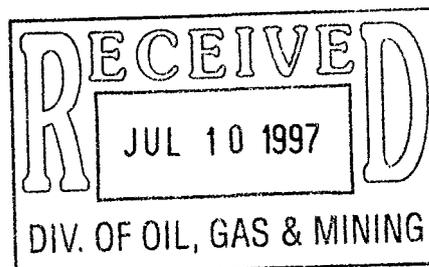
Lease Number: U-74869

Location: NENE Sec. 29 T. 8S R. 17E

NOTIFICATION REQUIREMENTS

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

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



CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

Casing Program and Auxiliary Equipment

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

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

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

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

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

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

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

Wayne Bankert Petroleum Engineer	(801) 789-4170
Ed Forsman Petroleum Engineer	(801) 789-7077
Jerry Kenczka Petroleum Engineer	(801) 789-1190
BLM FAX Machine	(801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

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

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

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

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

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

-Mountain Plover

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

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

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

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

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

-Burrowing Owl

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

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

INLAND PRODUCTION CO. TEL: 801-722-5103 Jul 25, 97 13:15 No. 002 P. 02

STATE OF UTAH
DEPARTMENT OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

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

OPERATOR ACCT. NO. W 5163

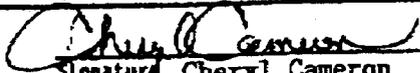
ACTION CODE	ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					00	SE	TP	RG			
A	99999	12167	43-013-31883	Ashley Federal #2-1	NWSE	1	9S	15E	Duchesne	7/22/97	7/22/97
WELL 1 COMMENTS: Spud surface hole w/ Rotary Rig, Union #7. Entity added 7-29-97. LC											
WELL 2 COMMENTS:											
A	99999	12168	43-013-31743	Tar Sands Federal #1-29	NENE	29	8S	17E	Duchesne	7/23/97	7/23/97
WELL 3 COMMENTS: Spud surface hole w/ Leon Ross Rathole Rig. Entity added 7-29-97. LC											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

(3-89)


Signature Cheryl Cameron
RCS
Title
Date 7/25/97
Phone No. 801, 789-1866

Facsimile Cover Sheet

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

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

Date: 7/25/97

**Pages Including this
cover page: 2**

**Comments: Entlty Action Form 6 for the Ashley Federal #2-1 &
Tar Sands Federal #1-29.**

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: TAR SANDS FEDERAL 1-29

Api No. 43-013-31743

Section: 29 Township: 8S Range: 17E County: DUCHESNE

Drilling Contractor

Rig #

SPUDDED:

Date 7/23/97

Time 9:20 AM

How DRY HOLE

Drilling will commence

Reported by FAX

Telephone #

Date: 7/28/97 Signed: JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Tar Sands Federal #1-29

9. API Well No.

43-013-31743

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas well Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

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

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

**NE/NE
Sec. 29, T8S, R17E**

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

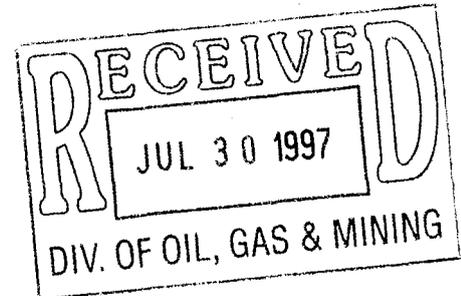
TYPE OF SUBMISSION		TYPE OF ACTION			
<input type="checkbox"/>	Notice of Intent	<input type="checkbox"/>	Abandonment	<input type="checkbox"/>	Change of Plans
<input checked="" type="checkbox"/>	Subsequent Report	<input type="checkbox"/>	Recompletion	<input type="checkbox"/>	New Construction
<input type="checkbox"/>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

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

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

Drilled 12 1/4" hole w/ Leon Ross Rathole rig to 255'. Encountered water flows @ 45' & 170'. Water slightly salty, flowing @ est 12 GPM. See attached water analysis report.

Spud w/ Leon Ross Rathole Rig @ 9:20 am, 7/23/97.



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

Signed

Cheryl Cameron
Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

7/25/97

(This space of Federal or State office use.)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

1. Well name and number: Tar Sands Federal #1-29

API number: 43-013-31743

2. Well Location: QQ NENE Section 29 Township 8S Range 17E County Duchesne

3. Well operator: Inland Production Company

Address: P.O. Box 1446

Roosevelt, Ut 84066

Phone: (801) 722-5103

4. Drilling contractor: Leon Ross

Address: P.O. Box 757

Roosevelt, UT 84066

Phone: (801) 722-4469

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

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
45'	45'	12 GPM	Salty
170'	170'	12 GPM	Salty

6. Formation tops: _____

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

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

Date: 7/25/97

Name & Signature: Cheryl Cameron Cheryl Cameron

Title: Regulatory Compliance Specialist

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

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

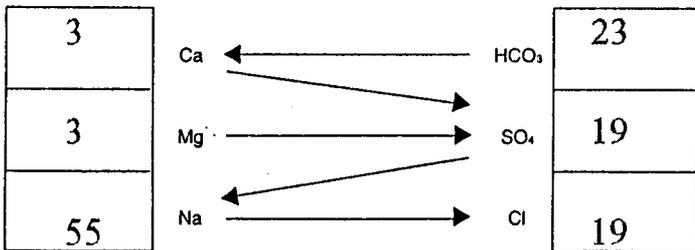
WATER ANALYSIS REPORT

Company INLAND Address _____ Date 07-23-97
Source TAR SANDS FED. 1-29 Date Sampled 07-23-97 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	8.3		
2. H ₂ S (Qualitative)	0.5		
3. Specific Gravity	1.010		
4. Dissolved Solids		4,351	
5. Alkalinity (CaCO ₃)		CO ₃ 60	÷ 30 2 CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ 1,300	÷ 61 21 HCO ₃
7. Hydroxyl (OH)		OH 0	÷ 17 0 OH
8. Chlorides (Cl)		Cl 1,700	÷ 35.5 19 Cl
9. Sulfates (SO ₄)		SO ₄ 900	÷ 48 19 SO ₄
10. Calcium (Ca)		Ca 64	÷ 20 3 Ca
11. Magnesium (Mg)		MG 34	÷ 12.2 3 Mg
12. Total Hardness (CaCO ₃)		300	
13. Total Iron (Fe)		1.2	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04		3		243
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17		3		220
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		17		1,428
Na ₂ SO ₄	71.03		19		1,349
NaCl	58.46		19		1,111

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:

07-23-97

WATER DESCRIPTION: TAR SANDS FED. 1-29

	INPUT ANALYSIS	VALUES USED IN CALCULATIONS
P-ALK AS PPM CaCO3	60	60
M-ALK AS PPM CaCO3	1300	1300
SULFATE AS PPM SO4	900	900
CHLORIDE AS PPM Cl	1700	1700
HARDNESS AS PPM CaCO3	300	300
CALCIUM AS PPM CaCO3	64	64
MAGNESIUM AS PPM CaCO3	34	34
SODIUM AS PPM Na	1265	1265
BARIUM AS PPM Ba	0	
STRONTIUM AS PPM Sr	0	
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	4351	4678
TEMP (DEG-F)	100	
SYSTEM pH	8.3	
pH		8.3

RESULTS:

IONIC STRENGTH-MOLAL	.068
SPECIFIC GRAVITY (EST. VALUE)	1
TOTAL DISSOLVED SOLIDS-PPM (EST. VALUE)	4678

SCALING PREDICTIONS OVER A RANGE OF TEMPERATURES:

DEG-F	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
80	.88	19	0	0	0
100	1.11	20	0	0	0
120	1.35	21	0	0	0
140	1.59	21	0	0	0
160	1.79	22	0	0	0
180	2.08	22	0	0	0
200	2.42	22	0	0	0

**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. 29, 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 #1-29

9. API Well No.
43-013-31743

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

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

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

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

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

WEEKLY STATUS REPORT FOR WEEK OF 7/24/97 - 7/31/97:

Finished drlg f/ 255' - 310' w/ Leon Ross Rathole Rig. Ran 8 5/8" 24# J-55 ST&C csg to 302.27'. Pump 20 BFW, 5 BDW, 1 BFW, 5 BSS, 2 BFW, 10 BG. Cmt w/ 120 sx Prem + w/ 2% CC, 2% gel + 1/4#/sk flocele, 14.8 ppg, 1.59 cf/sk yield & 100 sx Prem + 15.8 ppg, 1.15 cf/sk yield. No returns to surface.

Run 1" pipe in 8 5/8" X 12 1/4" annulus to bridge @ 54'. Washed bridge - broke thru @ 56'. Run 1" to 83' GL. Received DW & gel from original job. Pmp 5 BDW & cmt w/ 49 sx Prem + w/ 2% CC, 2% gel + 1/4#/sk flocele, 14.8 pg, 1.37 cf/sk yield. Cmt held @ surf w/ 1 BC returns. Dril MH & RH f/ Four Corners, Rig #6. RDMOL.

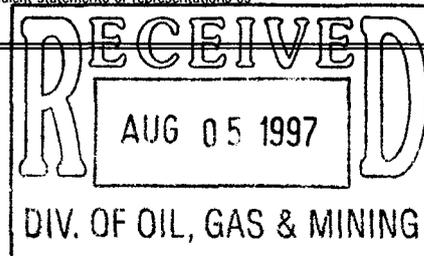
14. I hereby certify that the foregoing is true and correct

Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 8/1/97

(This space of Federal or State office use.)

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

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



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well [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. 29, 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 #1-29
9. API Well No. 43-013-31743
10. Field and Pool, or Exploratory Area Monument Butte
11. County or Parish, State Duchesne, UT

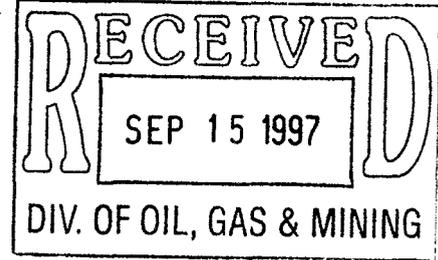
12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with 2 main 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 8/1/97 - 8/7/97:

Drilled 7 7/8" hole from 310'-6425' w/ Four Corners, Rig #6. Run 5 1/2" 15.5# J-55 csg to 6425.25'. Pump 20 BDW & 20 BG. Cmt w/ 470 Hibond 65 mod, 11.0 ppg, 3.0 cf/sk yield. & 425 sx Thixo w/ 10% CalSeal, 14.2 ppg, 1.59 cf/sk yield. Good returns w/ est 10 BC returns. Rig released @ 11:55 am, 8/8/97. RDMOL.



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

(This space of Federal or State office use.)

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

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

U-74869

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tar Sands Federal

9. WELL NO.

#1-29

10. FIELD AND POOL, OR WILDCAT

Monument Butte

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

Sec. 29, T8S R17E

12. COUNTY OR PARISH
Duchesne

13. STATE
UT

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

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

2. NAME OF OPERATOR
Inland Production Company

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

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

663' FEL & 695' FNL

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-31743
DATE ISSUED 7/3/97

15. DATE SPUDDED 7/23/97
16. DATE T.D. REACHED 8/7/97
17. DATE COMPL. (Ready to prod.) 8/29/97
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5230.7' GR
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6425'
21. PLUG, BACK T.D., MD & TVD 6373'
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS X
CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4580'-4602'
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CBL, CNL, DLL
10-197
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#	302.27'	12 1/4	120 sx Prem Plus	
5 1/2	15.5#	6425.25'	7 7/8	470' sx Hibond & 425 sx Trioxo	

29. LINER RECORD

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

30. TUBING RECORD

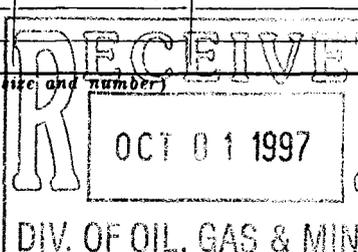
SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

GB-4 4580'-4602'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4580'-4602	Frac w/ 129,000# 20/40 in 577 BG



33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
8/29/97	Pumping - 2 1/2" X 1 1/2" x 15' RHAC pump	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10 Day Avg	9/97	N/A	→	118	176	5	1.5

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

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

35. LIST OF ATTACHMENTS
Logs in Item #26

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

SIGNED: Cheryl Cameron
TITLE: Regulatory Compliance Specialist
DATE: 9/24/97

*(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.	TOP	
				NAME	MEAS. DEPTH TRUE VERT. DEPTH
Garden Gulch Mkr	4397'		#32.		
Point 3 Mkr	4670'				
X Mkr	4908'				
Y Mkr	4943'				
Douglas Ck Mkr	5076'				
BiCarbonate Mkr	5324'				
B Limestone Mkr	5464'				
Castle Peak	5946'				

**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. 29, 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 #1-29

9. API Well No.

43-013-31743

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

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

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

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

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

WEEKLY STATUS REPORT FOR WEEK OF 8/25/97 - 8/29/97:

Perf GB-4 sd 4580'-4602'

RIH w/ production string. On production @ 3:30 pm, 8/29/97.

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

Signed *Cheryl Cameron*
Cheryl Cameron

Title **Regulatory Compliance Specialist**

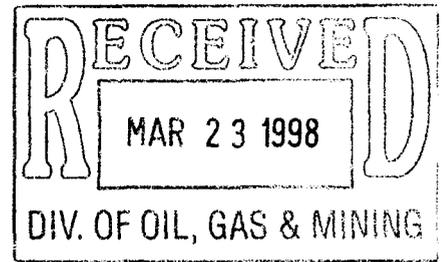
Date **8/29/97**

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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INLAND PRODUCTION COMPANY

APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

BOUNDARY UNIT

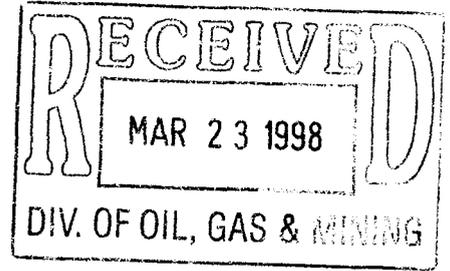
TAR SANDS FEDERAL #1-29

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

LEASE #U-74869

MARCH 17, 1998

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COMPLETED RULE R615-5-2 QUESTIONNAIRE	
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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

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.**

Attachment A

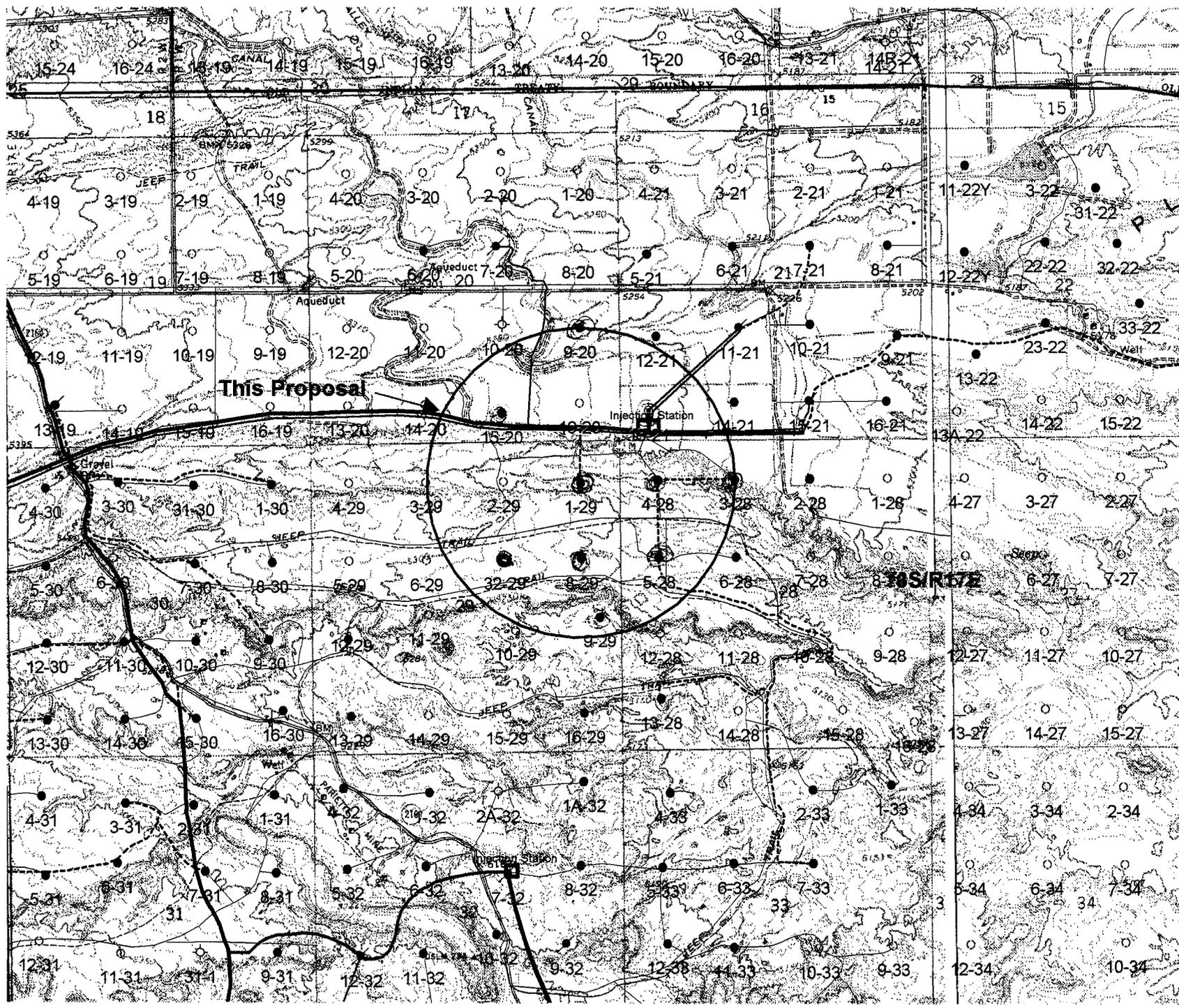


Exhibit "A"



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

Inland an IFF Group Company
Denver, Colorado 80202
Phone: 303-733-2000

UNITA HARIN
Deputies & Utah's Cooperator, Utah

DATE: 3-22-04 MAY

Tar Sands Federal #1-29

Spud Date: 7/23/97
 Put on Injection: --/--
 GL: 5231' KB: 5244'

Initial Production: 118
 BOPD, 176 MCFD, 5 BWPD

Injection Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

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

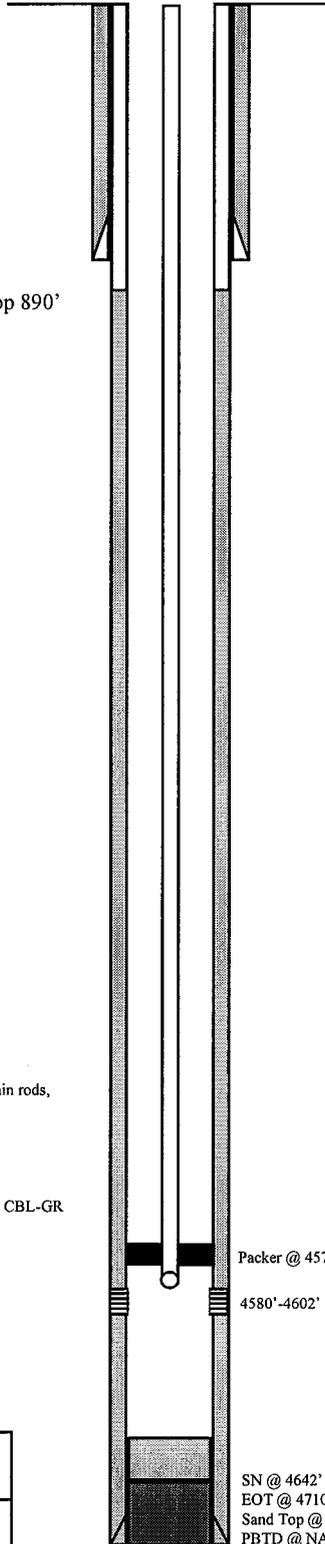
FRAC JOB

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

Cement Top 890'

PERFORATION RECORD

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



	Inland Resources Inc.
	Tar Sands Federal #1-29
	663 FEL 695 FNL
	NENE Section 29-T8S-R17E
	Duchesne Co, Utah
API #43-013-31743; Lease #U-74869	

**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 #1-29 from a producing oil well to a water injection well in the Monument Butte (Green River) Field; and to install an injection line. The proposed water injection line would leave the Tar Sands Federal #1-29 well and run approximately 1000' in a northerly direction, and tie into an existing line. The line would be a 3" coated steel pipe, buried 5' below the surface. See Attachment D.

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

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

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

The injection zone is in the Douglas Creek Member of the Green River Formation. At the Tar Sands Federal #1-29 well, the proposed injection zone is from 4580'-4602'. 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 4580'.

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

The referenced log for the Tar Sands Federal #1-29 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}~~State~~ lease (Lease #U-74869), in the Monument Butte (Green River) Field, Boundary Unit, and this request if for administrative approval.

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

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

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

See Attachment A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24#, J-55 surface casing run to 302.27' GL, and the 5-1/2" casing run from surface to 6425.25' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

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

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

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

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

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2358 psig.

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

The fracture gradient for the Tar Sands Federal #1-29, for proposed zones (4580' – 4602') calculates at .95 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 2358 psig. See Attachment G and G-1.

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 #1-29, the injection zone (4580'-4602') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31', and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-8.

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.

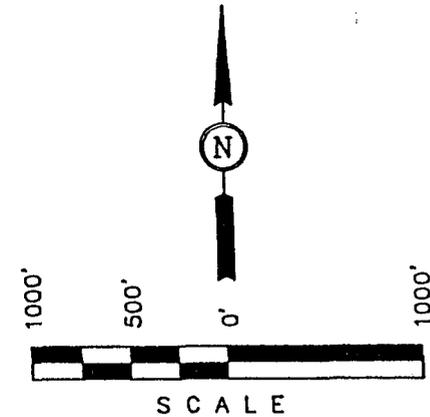
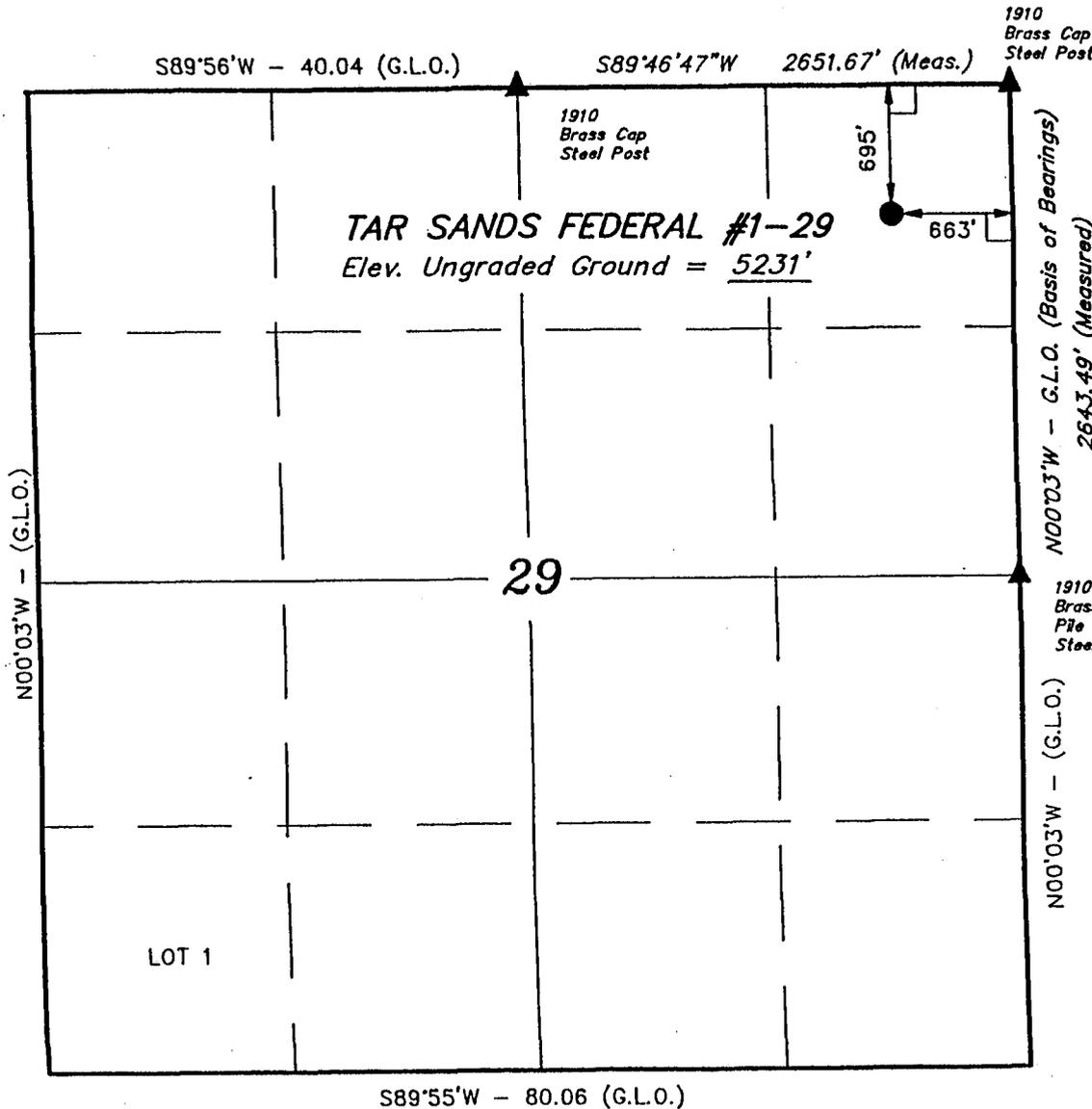
INLAND PRODUCTION CO.

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

Well location, TAR SANDS FEDERAL #1-29, located as shown in the NE 1/4 NE 1/4 of Section 29, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 29, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5261 FEET.



CERTIFICATE

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

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

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

SCALE 1" = 1000'	DATE SURVEYED: 7-18-96	DATE DRAWN: 7-23-96
PARTY J.F. D.C. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

LEGEND:

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

Attachment A-1

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	Township 8 South, Range 17 East Section 26: S/2SW/4, SW/4SE/4 Section 27: All Section 28: All Section 33: N/2NE/4, SW/4NE/4, W/2NW/4, SE/4NW/4, S/2 Section 34: N/2, W/2SW/4, SE/4SW/4 N/2SE/4, SW/SE/4	U-76241 HBP	Inland Production Company	(Surface Rights) USA
2	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/4NE/4, E/2W/2, NE/4SE/4	U-76956 HBP	Inland Production Company	(Surface Rights) USA

Attachment B
(Pg 1 of 2)

EXHIBIT B

Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
3	Township 8 South Range 17 East Section 17: All Section 18: Lots 1,2 Section 19: E/2 Section 20: All Section 21: W/2, SE/4	UTU-76954 HBP	Inland Production Company	(Surface Rights) USA

Attachment B
(Pg 2 of 2)

Tar Sands Federal #1-29

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

Initial Production: 118
 BOPD, 176 MCFD, 5 BWPD

Wellbore Diagram

SURFACE CASING

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

FRAC JOB

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

Cement Top 890'

PRODUCTION CASING

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

TUBING

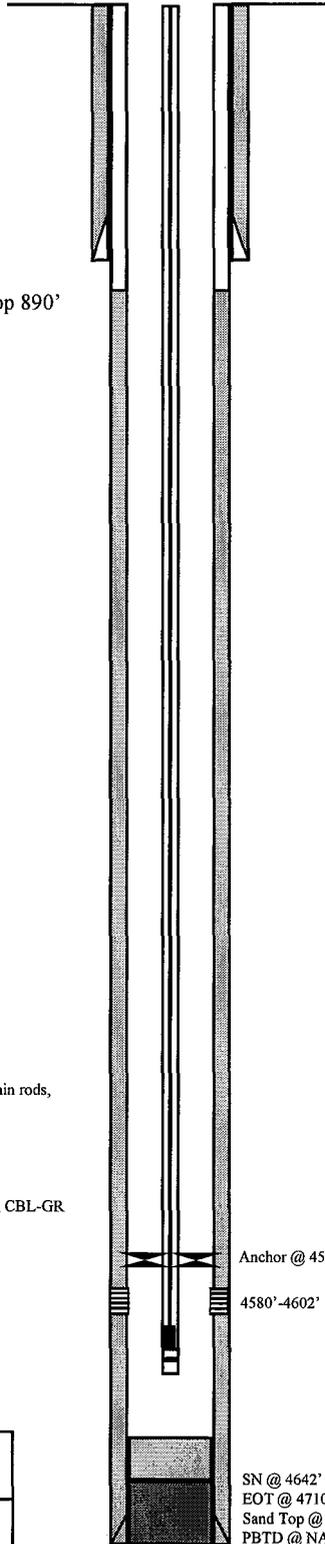
SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#
 NO. OF JOINTS: 146 jts
 TUBING ANCHOR: 4577'
 SEATING NIPPLE: 2 - 7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 4710')
 SN LANDED AT: 4642'

SUCKER RODS

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

PERFORATION RECORD

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



Anchor @ 4577'

4580'-4602'

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



Inland Resources Inc.

Tar Sands Federal #1-29

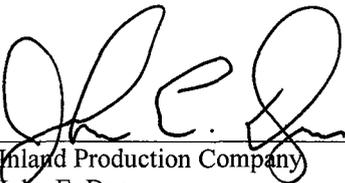
663 FEL 695 FNL
 NENE Section 29-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31743; Lease #U-74869

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

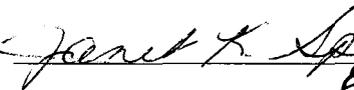
RE: Application for Approval of Class II Injection Well
Tar Sands Federal #1-29

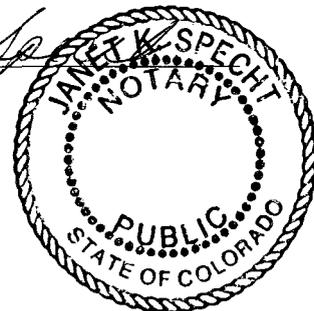
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

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

Sworn to and subscribed before me this 17th day of March, 1998.

Notary Public in and for the State of Colorado:





Tar Sands Federal #8-29

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

Initial Production: 69 BOPD,
 89 MCFPD, 2 BWPD

Wellbore Diagram

SURFACE CASING

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

FRAC JOB

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

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

PRODUCTION CASING

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

TUBING

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

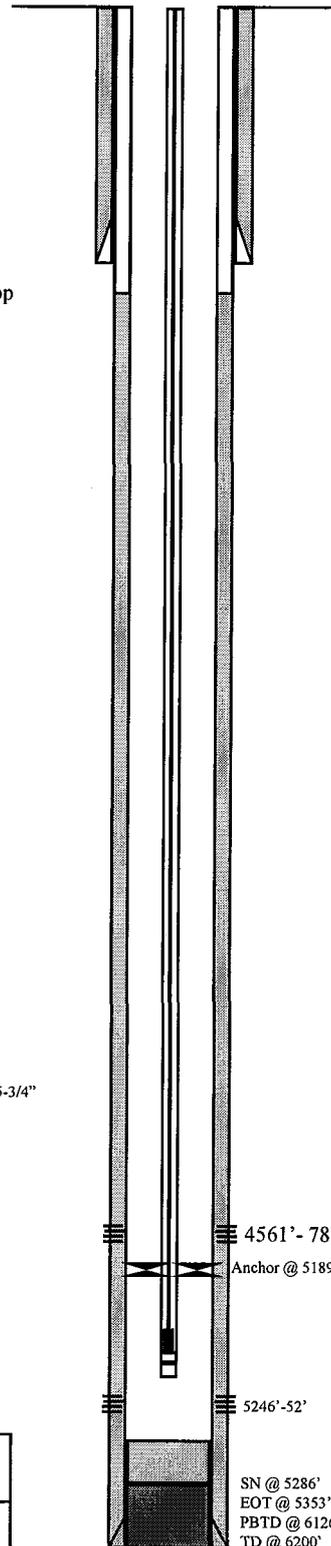
SUCKER RODS

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

PERFORATION RECORD

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

Cement Top



SN @ 5286'
 EOT @ 5353'
 PBTD @ 6126'
 TD @ 6200'



Inland Resources Inc.

Tar Sands Federal #8-29

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

Tar Sands Federal #9-29

Spud Date: 12/11/97
 Put on Production: 1/27/98
 GL: 5183' KB: 5193'

Initial Production: 80 BOPD,
 126 MCFPD, 2 BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 184 jts
 TUBING ANCHOR: 5418'
 SEATING NIPPLE: 2-7/8" (1.10")
 TOTAL STRING LENGTH: ? (EOT @ 5890')
 SN LANDED AT: 5481'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-11/2" wt rods, 4-3/4" scraped, 93-3/4" scraped, 117-3/4" plain rods, 1-8", 1-6", 1-4", 2-2"x3/4" pony rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 15 RHAC rod pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5 SPM
 LOGS: DIGL/SP/GR/CAL (6094'-301')
 DSN/SDL/GR (6064'-3000')

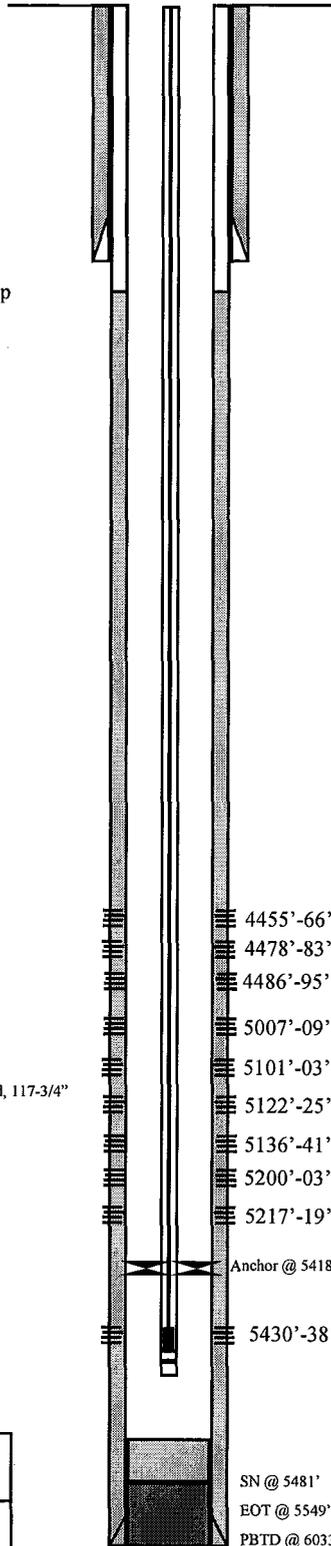
FRAC JOB

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

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

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

Cement Top



PERFORATION RECORD

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

SN @ 5481'
 EOT @ 5549'
 PBTD @ 6033'
 TD @ 6100'



Inland Resources Inc.

Tar Sands Federal #9-29

1980 FSL 660 FEL

NESE Section 29-T8S-R17E

Duchesne Co, Utah

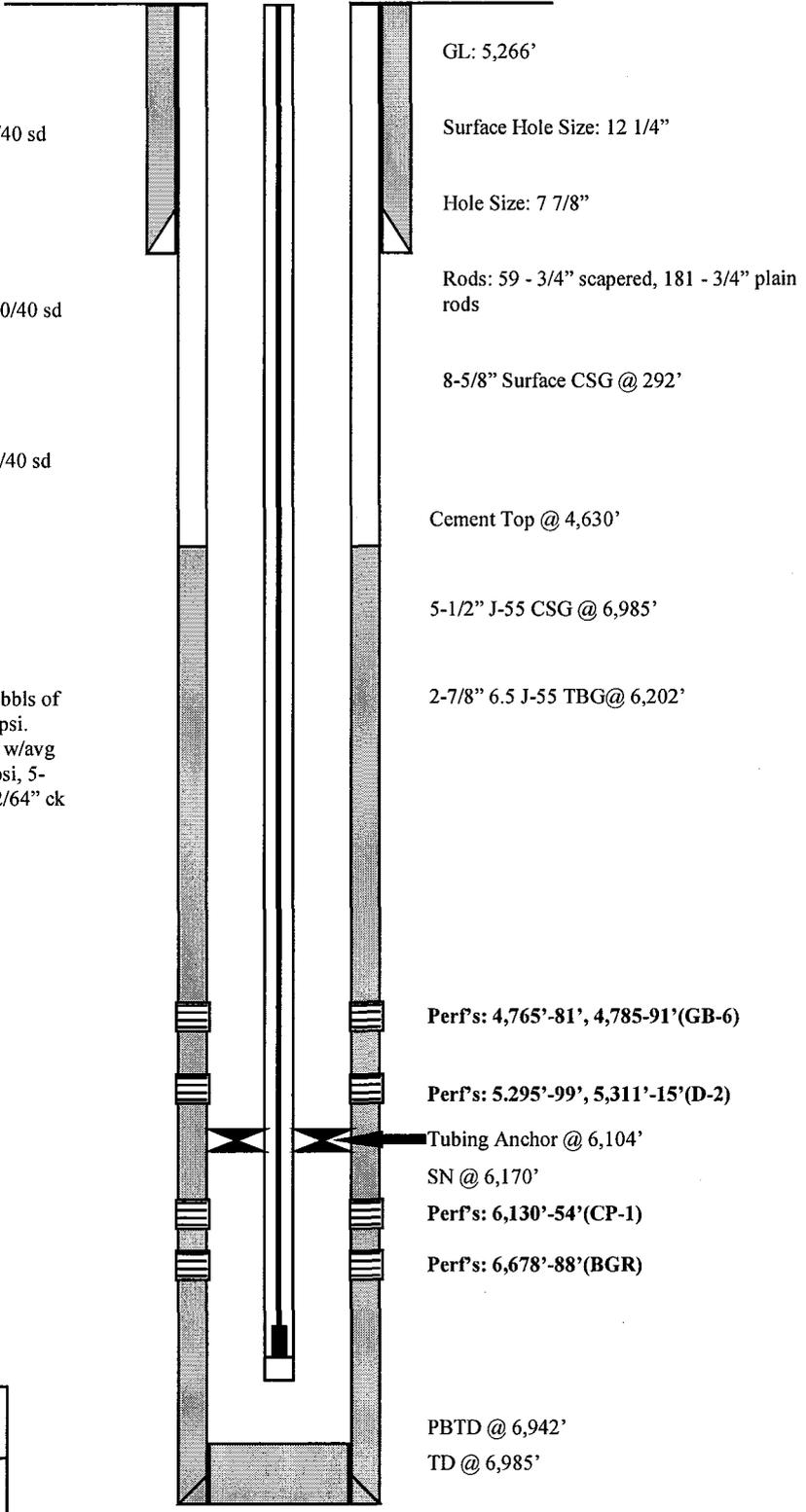
API #43-013-31942; Lease #U-74869

Boundary Federal #9-20

Wellbore Diagram

Well History:

11-18-82	Spud Well
11-13-82	Perf: 6,678'-6,688'
11-25-83	Frac BGR zone as follows: Totals 20,400 gal, 44,500# 20/40 sd Max TP 3,500 @ 20 BPM Avg TP 3,100 @ 25 BPM ISIP 2,360, after 5 min 2,300
12-10-82	Perf: 6,130'-6,154'
12-11-82	Frac CP-1 zone as follows: Totals 36,000 gal, 115,000# 20/40 sd Avg TP 1,900\ ISIP 3,700, after 5 min 2,750
3-23-83	Perf: 5,295'-5,315' Frac D-2 zone as follows: Totals 22,500 gal, 63,500# 20/40 sd Avg TP 2,300
10-14-83	Perf: 4,765'-4,791' Frac GB-6 zone as follows: Totals 1,500 gal Max TP 5,500 @ 0 BPM Avg TP 4,000 @ 8 BPM
11/3/96	Frac GB-6 sand as follows: 73,200# of 20/40 sand in 453 bbls of Boragel. Breakdown @ 2149 psi. Treated @ avg rate of 20 bpm w/avg press of 1950 psi. ISIP-2326 psi, 5-min 2293 psi. Flowback on 12/64" ck for 4 hrs and died.
11/6/96	PLACE WELL BACK ON PRODUCTION



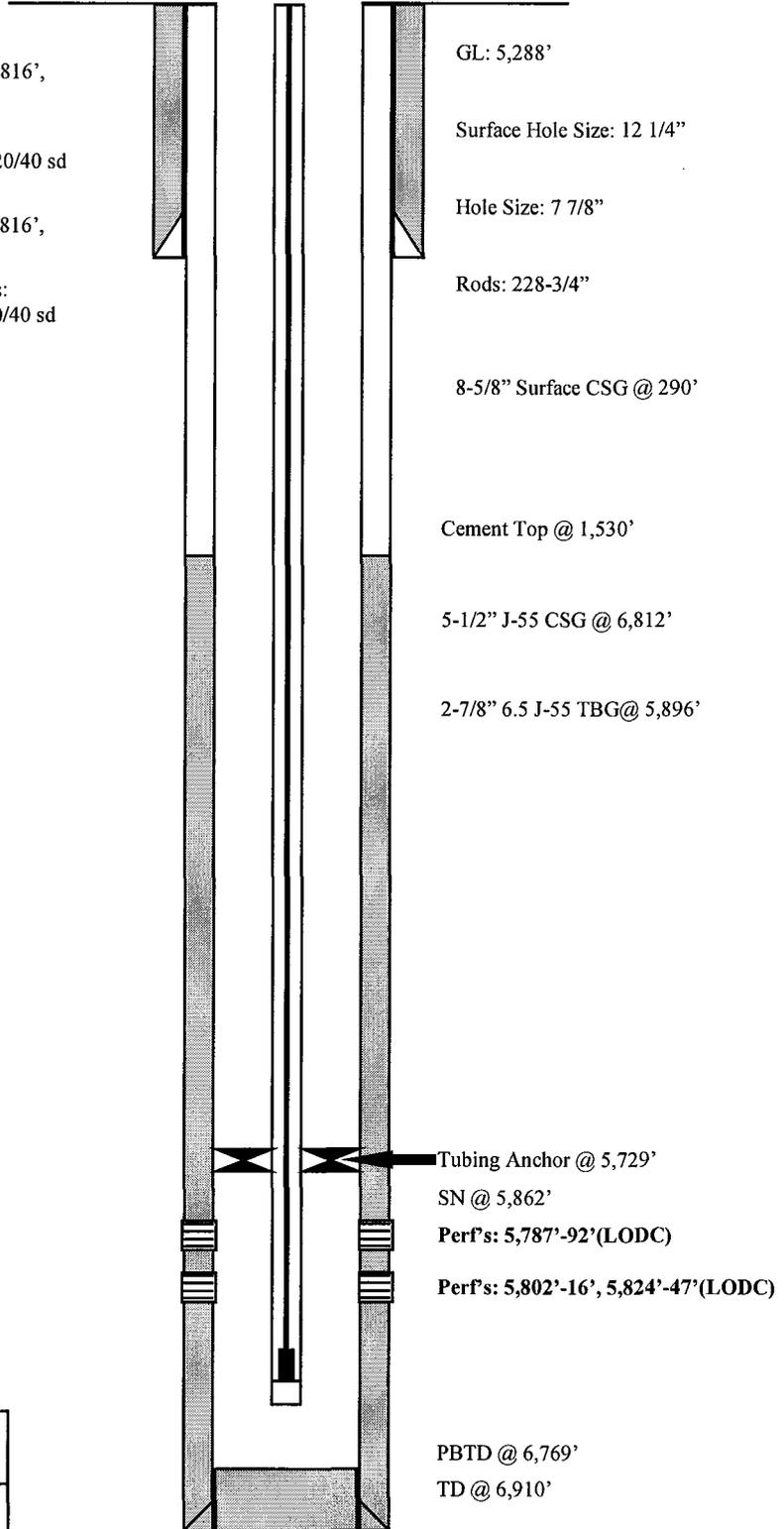
	Inland Resources Inc.
	Boundary Federal #9-20 1947 FSL 650 FEL NESE Section 20-T8S-R17E Duchesne Co, Utah API #43-013-30690; Lease #U-50376

Boundary Federal #15-20

Wellbore Diagram

Well History:

6-30-83	Spud Well
7-21-83	Perf: 5,789'-5,792', 5,802'-5,816', 5,824'-5,846'
7-22-83	Frac LODC zone as follows: Totals 49,000 gal, 152,000# 20/40 sd Avg TP 3,000
1-31-92	Perf: 5,787'-5,792', 5,802'-5,816', 5,824'-5,847'
2-1-92	Refrac LODC zone as follows: Totals 62,700 gal, 30,000# 20/40 sd 137,000# 16/30 sd Avg TP 3,100



	Inland Resources Inc.
	Boundary Federal #15-20 509 FSL 1994 FEL SWSE Section 20-T8S-R17E Duchesne Co, Utah API #43-013-30667; Lease #U-50376

Boundary Federal #15-21

Spud Date: 6/4/96
 Put on Production: 7/14/96
 GL: 5223' KB: 5236'

Initial Production: 22 BOPD,
 90 MCFPD, 2 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (289.27')
 DEPTH LANDED: 288.12' 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: 152 jts. (6369.07')
 DEPTH LANDED: 6356.07' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 340 sk Hyfill mixed & 445 sxs thixotropic
 CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 193 jts
 TUBING ANCHOR: 6076'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 6206')
 SN LANDED AT: 6110'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-3/4" scraped, 140-3/4" slick rods, 95-3/4" scraped
 PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 16 RHAC
 STROKE LENGTH: 100"
 PUMP SPEED, SPM: 6 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

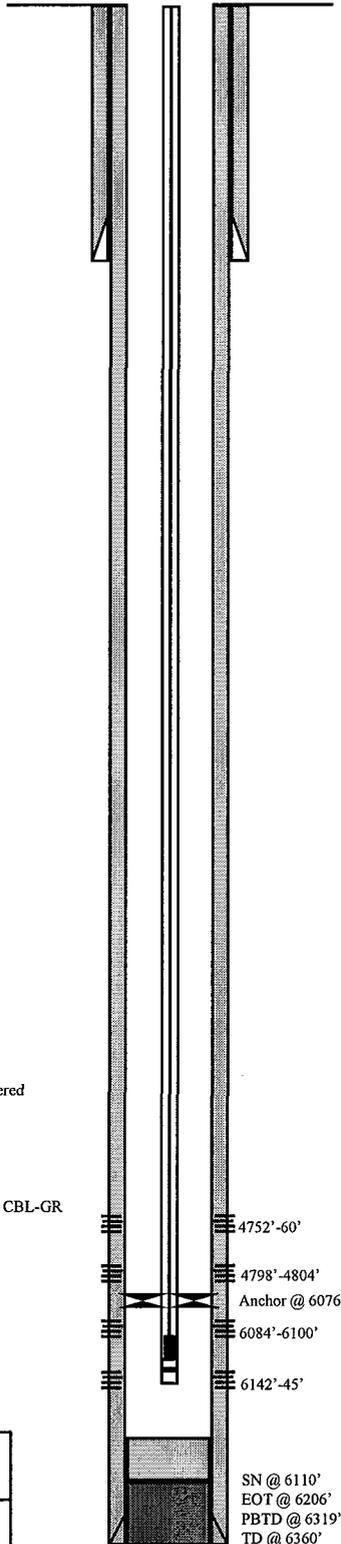
FRAC JOB

7/8/96 6084'-6145' **Frac CP-1 and CP-2 sand as follows:**
 65,400# 20/40 sd in 418 bbls Boragel.
 Brokedown @ 2124 psi. Treated @ avg
 rate 20 bpm, avg press 1600 psi. ISIP-
 2035, 5-min 1923. Flowback after 5 min
 on 16/64" choke for 1-1/2 hrs & died.

7/10/96 4752'-4804' **Frac GB-6 & PB-7 sands as follows:**
 82,100# of 20/40 sand w/ 439 bbls of
 Boragel. Breakdown @ 2930 psi. Treated
 @ avg rate 18.3 bpm w/ avg press of
 1600 spi. ISIP: 2194 psi, 5-min 2151 psi.
 Flowback after 5 min on 16/64" ck for 30
 min & died.

PERFORATION RECORD

7/1/96	6084'-6100'	4 JSPF	60 holes
7/1/96	6142'-6145'	4 JSPF	12 holes
7/9/96	4752'-4760'	4 JSPF	32 holes
7/9/96	4798'-4804'	4 JSPF	24 holes





Inland Resources Inc.

Boundary Federal #15-21

658 FSL 1980 FEL

SWSE Section 21-T8S-R17E

Duchesne Co, Utah

API #43-013-31622; Lease #U-50376

Tar Sands Federal #3-28

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

Initial Production: ? BOPD, ?
 MCFPD, ? BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

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

FRAC JOB

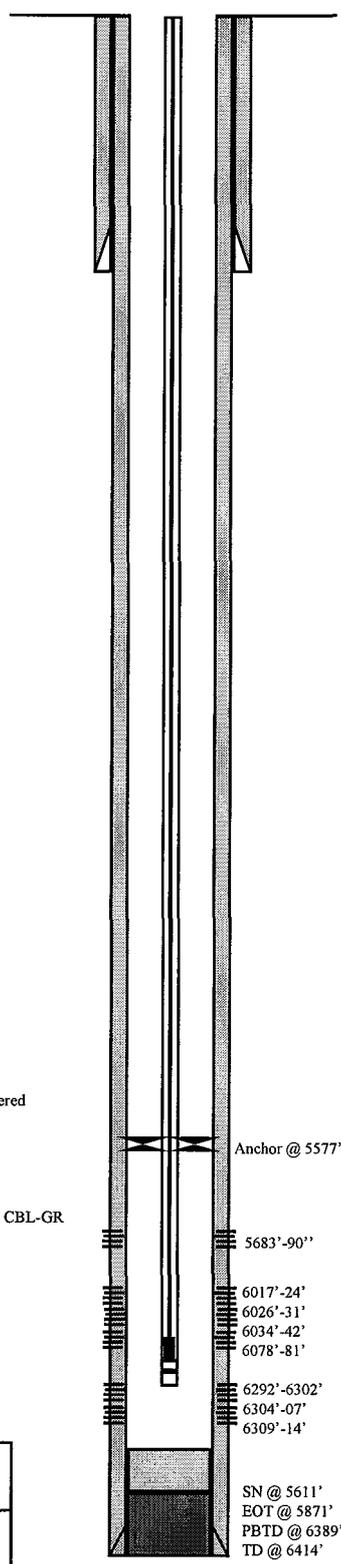
7/8/96 6292'-6314' **Frac CP-5 sand as follows:**
 66,100# of 20/40 sand w/421 bbls of Boragel. Brokedown @ 2770 psi, treated @ avg press 1880#, avg rate 20.3. ISIP-2305, 5-min 2097. Flowback after 5 min on 16/64" choke for 6-1/2 hrs & died.

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

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

PERFORATION RECORD

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





Inland Resources Inc.

Tar Sands Federal #3-28

474 FNL 2050 FWL
 NENW Section 28-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31623; Lease #U-74870

Tar Sands Federal #4-28

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

Initial Production: 125 BOPD,
 154 MCFPD, 7 BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

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

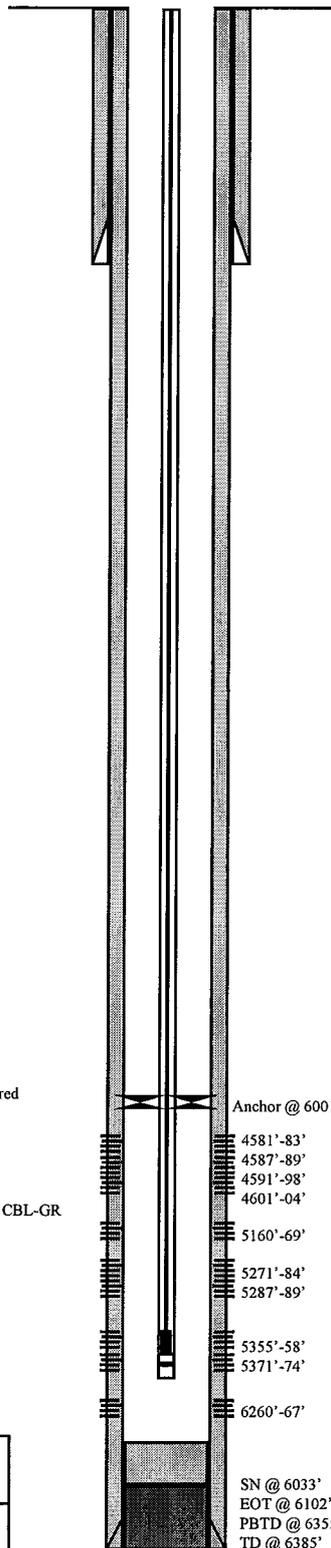
FRAC JOB

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

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

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

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



PERFORATION RECORD

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

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



Inland Resources Inc.

Tar Sands Federal #4-28

653.8 FWL 785 FNL

NWNW Section 28-T8S-R17E

Duchesne Co, Utah

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

Tar Sands Federal #5-28I

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

Initial Production: 147 BOPD,
 192 MCFPD, 3 BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

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

FRAC JOB

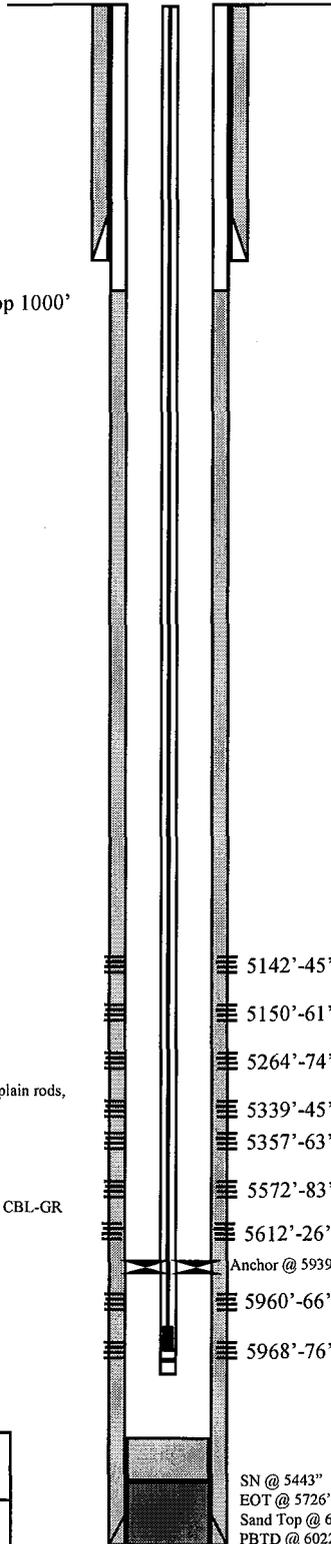
8/21/97 5960'-5966' **Frac CP sand as follows:**
 99,900# of 20/40 sand in 510 bbls of Boragel. Breakdown @ 2863 psi. Treated @ avg rate of 24.3 bpm w/avg press of 2000 psi. ISIP-2203 psi, 5-min 1975 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

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

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

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

Cement Top 1000'



PERFORATION RECORD

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

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



Inland Resources Inc.

Tar Sands Federal #5-28I

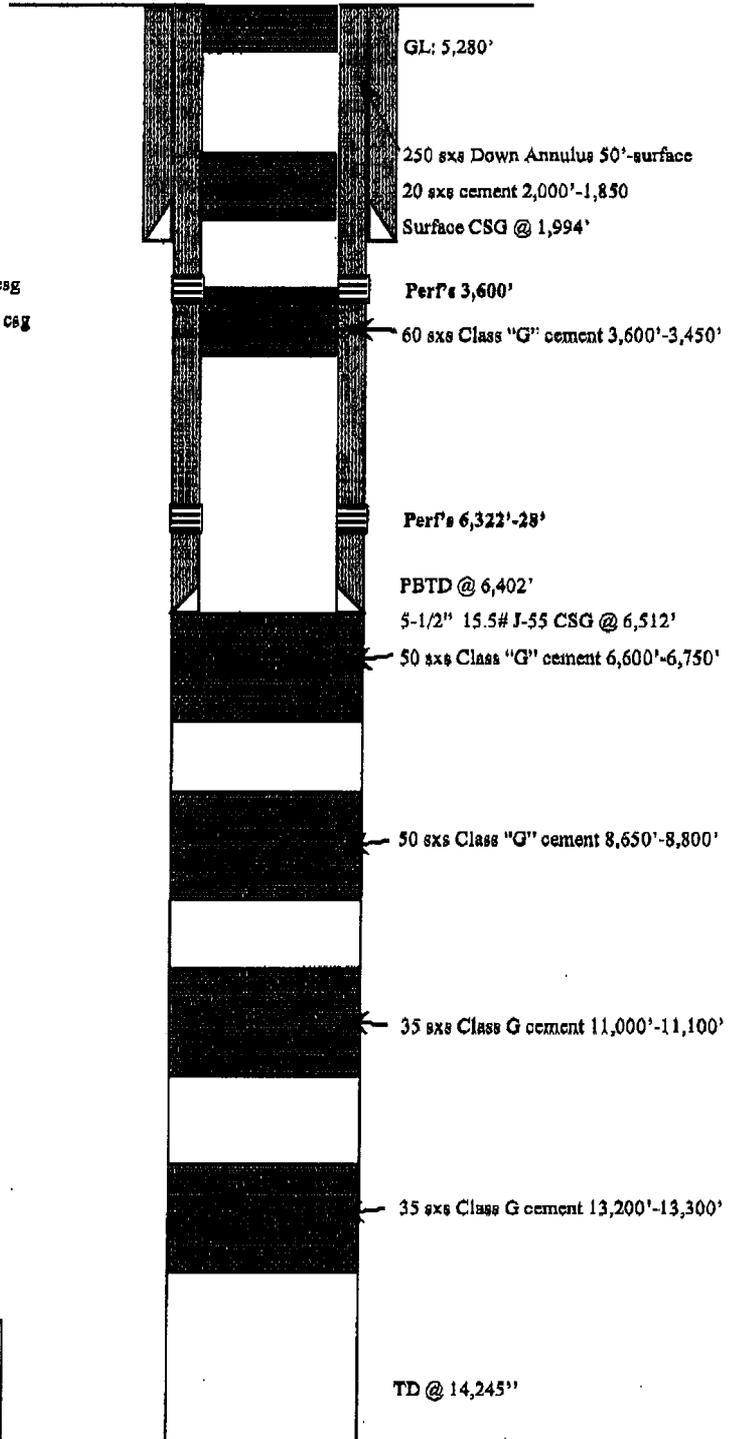
660 FWL 1980 FNL
 NENE Section 28-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31697; Lease #U-74870

Castle Unit Federal #32-29

Plugged and Abandoned
Wellbore Diagram

Well History:

3-1-78	Spud Well
Propose to plug and abandon well as follows:	
Plug no. 1	6,370'-5,935' 50 sxs cement
Plug no. 2	5,200'-5,050' 20 sxs cement
Plug no. 3	3,600'-3,450' 60 sxs cement
Plug no. 4	2,000'-1,850' 20 sxs cement
Plug no. 5	50'-surface 10 sxs cement
	15 sxs cement 5-1/2"-9-5/8" csg
	35 sxs cement 9-5/8"-13-3/8" csg
9-13-79	Plugged and Abandoned



	Inland Resources Inc.
	Castle Unit Federal #32-29
	1978 FNL 1928 FEL
	SWNE Section 29-T8S-R17E
	Duchesne Co, Utah
API #43-013-30435; Lease #UTU-74869	

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of innds and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consent local State or Federal office for specific instructions.

Item 14: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Seals Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	GEOLOGIC MARKERS
			Green River Marker Shale Garden Gulch Douglas Creek Tongue Wasatch Mesaverde Castlegate	1747 1860 3404 4277 6356 6470 11,065 13,232	

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 FOR OPEN, FLOWING AND SHUT-IN PRESSURES, AND SHUT-IN TIMES.

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

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

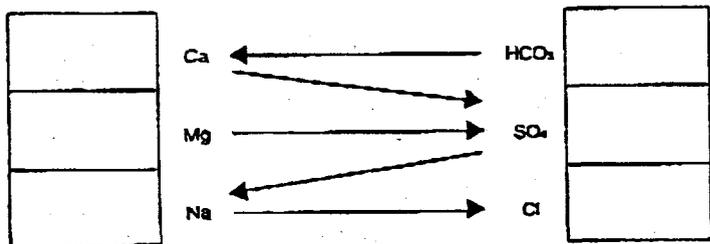
WATER ANALYSIS REPORT

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

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

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



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

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

REMARKS _____

Water Analysis Report

Customer : Inland Resources	Field : Monument Butte
Address : P.O. Box 1446	Lease : Tar Sands
City : Roosevelt	Location : Tar Sands 1-29
State : UT Postal Code : 84066-	Sample Point : treater
Attention : Joe Ivey	Date Sampled : 08-Mar-98
cc1 :	Date Received : 10-Mar-98
cc2 :	Date Reported : 18-Mar-98
cc3 :	Salesman : John Pope
Comments : Acid gases not ran in field.	Analyst : Karen Hawkins Allen.

CATIONS

Calcium : 2,400 mg/l
Magnesium : 1,434 mg/l
Barium : 3 mg/l
Strontium : 3 mg/l
Iron : 197.0 mg/l
Sodium : N/A mg/l

ANIONS

Chloride : 6,400 mg/l
Carbonate : 0 mg/l
Bicarbonate : 500 mg/l
Sulfate : 280 mg/l

pH (field) : 5.73
Temperature : 85 degrees F
Ionic Strength : 0.24
Resistivity : ohm/meters
Ammonia : ppm

Specific Gravity : 1.005 grams/ml
Total Dissolved Solids : 10,224 ppm
CO2 in Water : 757 mg/l
CO2 in Gas : 0.03 mole %
H2S in Water : 0.0 mg/l
Dissolved Oxygen : ppm

SI calculations based on Tomson-Oddo parameters

Calcite (CaCO3) SI :	-0.55	Calcite PTB :	N/A
Calcite (CaCO3) SI @ 100 F :	-0.40	Calcite PTB @ 100 F :	N/A
Calcite (CaCO3) SI @ 120 F :	-0.19	Calcite PTB @ 120 F :	N/A
Calcite (CaCO3) SI @ 140 F :	0.03	Calcite PTB @ 140 F :	9.0
Calcite (CaCO3) SI @ 160 F :	0.26	Calcite PTB @ 160 F :	71.8
Gypsum (CaSO4) SI :	-1.11	Gypsum PTB :	N/A
Barite (BaSO4) SI :	0.91	Barite PTB :	1.5
Celestite (SrSO4) SI :	-1.96	Celestite PTB :	N/A

Water Analysis, Scaling Tendency, and Compatibility Evaluation

Company : INLAND

Field / Lease : Monument Butte

Service Engineer : John Pope

A = Johnson Water Association

B = Tar Sands 1-29

Chemical Component	100 % A	90% A:10%B	80%A:20% B	70%A:30% B	60%A:40% B	50%A:50% B	40%A:60% B	30%A:70% B	20%A:80% B	10%A:90% B	100% B
Chloride (Cl) mg/l	2,800	3,160	3,520	3,880	4,240	4,600	4,960	5,320	5,680	6,040	6,400
Sulfate (SO4) mg/l	455	438	420	403	385	368	350	333	315	298	280
Carbonate (CO3) mg/l	0	0	0	0	0	0	0	0	0	0	0
Bicarbonate (HCO3) mg	268	291	314	338	361	384	407	430	454	477	500
Calcium (Ca) mg/l	232	449	866	882	1099	1316	1533	1750	1866	2183	2400
Magnesium (Mg) mg/l	131	261	392	522	652	783	913	1043	1173	1304	1434
Iron (Fe) mg/l	3.0	22.4	41.8	61.2	80.6	100.0	119.4	138.8	158.2	177.6	197.0
Barium (Ba) mg/l	0	0	1	1	1	2	2	2	2	3	3
Strontium (Sr) mg/l	0	0	1	1	1	2	2	2	2	3	3
Sodium (Na) mg/l	1,621	1,359	1,098	837	575	314	53	(209)	(470)	(731)	(993)
Ionic Strength	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.30	0.32
Dissolved Solids (TDS)	5,510	5,981	6,452	6,924	7,395	7,867	8,338	8,810	9,281	9,753	10,224
Specific Gravity @ 60F	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005	1.005
Temperature (F)	100	100	100	100	100	100	100	100	100	100	100
Is (TOMSON-ODDO)	0.83	0.91	0.88	0.80	0.69	0.57	0.43	0.29	0.14	-0.01	-0.17
Pressure (psia)	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
Field pH	7.70	7.50	7.31	7.11	6.91	6.72	6.52	6.32	6.12	5.93	5.73
% CO2 (Mole %)	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03

Scaling Tendency (Pounds per Thousand BBLs of Scale Which Should Form)

CaCO3 (Tomson-Oddo)	104.9	134.6	147.0	153.4	154.4	148.5	133.2	104.2	55.8	-20.1	-134.4
BaSO4 (Tomson)	0.0	0.1	0.3	0.4	0.6	0.8	0.9	1.1	1.2	1.3	1.5
CaSO4 (Tomson)	-1121.8	-1052.4	-989.6	-934.3	-886.1	-844.3	-808.1	-776.5	-749.0	-724.9	-703.8
SrSO4 (Tomson)	-28.8	-37.2	-44.8	-51.9	-58.5	-64.7	-70.6	-76.4	-81.9	-87.3	-92.6

Attachment G

**Tar Sands Federal #1-29
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4580	4602	4591	2356	0.95	2358
				Minimum	<u>2358</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 1-29 Report Date 8/28/97 Completion Day 3
Present Operation CO to PBD. Swab test well. Rig Basin #4

WELL STATUS

Surf Csg: 8-5/8 @ 306' KB Liner @ Prod Csg 5-1/2 @ 6424 Csg PBD 6373
Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP/Sand PBD:

PERFORATION RECORD

Table with 6 columns: Zone, Perfs, SPF/#shots, Zone, Perfs, SPF/#shots. Row 1: GB - 4, 4580-4602', 4/88

CHRONOLOGICAL OPERATIONS

Date Work Performed: 8/27/97 SITP: 0 SICP 50

Bleed gas off csg. IFL @ 4500'. Made 1 swab run, rec 1 BTF. FFL @ 4600'. TOH w/tbg. NU isolation tool. RU Halliburton & frac GB - 4 sands w/129,000# 20/40 sd in 577 bbls Boragel. Perfs broke dn @ 2570 psi. Treated @ ave press of 2000 psi w/ave rate of 24 BPM. ISIP: 2356 psi, 5 min: 2309 psi. Flowback on 12/64" choke for 4 hrs & died. Rec 203 BTF (est 35% of load). SIFN w/est 374 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered 577 Starting oil rec to date 0
Fluid lost/recovered today 203 Oil lost/recovered today 0
Ending fluid to be recovered 374 Cum oil recovered 0
IFL 4500 FFL 4600 FTP Choke 12/64 Final Fluid Rate Final oil cut 0

STIMULATION DETAIL

COSTS

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
5000 gal w/8-10 ppg of 20/40 sd
728 gal w/10 ppg of 20/40 sd
Flush w/4492 gal of 10# Linear gel.

Basin rig 975
BOP 140
Tanks 60
Wtr 700
HOT 808
Frac 26,248
Flowback - super 150
IPC Supervision 200

Max TP 2570 Max Rate 24.6 Total fluid pmpd: 577 bbls
Avg TP 2000 Avg Rate 24 Total Prop pmpd: 129,000#
ISIP 2356 5 min 2309 10 min 15 min
Completion Supervisor: Gary Dietz

DAILY COST: \$29,281
TOTAL WELL COST: \$207,151

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** **Set 172' plug from 4480'-4652' with 30 sxs Class "G" cement.**
2. **Plug #2** **Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.**
3. **Plug #3** **Set 100' plug from 244'-344' (50' on either side of casing shoe) with 15 sxs Class "G" cement.**
4. **Plug #4** **Set 50' plug from surface with 10 sxs Class "G" cement.**
5. **Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 294' to surface.**

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

Tar Sands Federal #1-29

Spud Date: 7/23/97
Put on Injection: --/--/--
GL: 5231' KB: 5244'

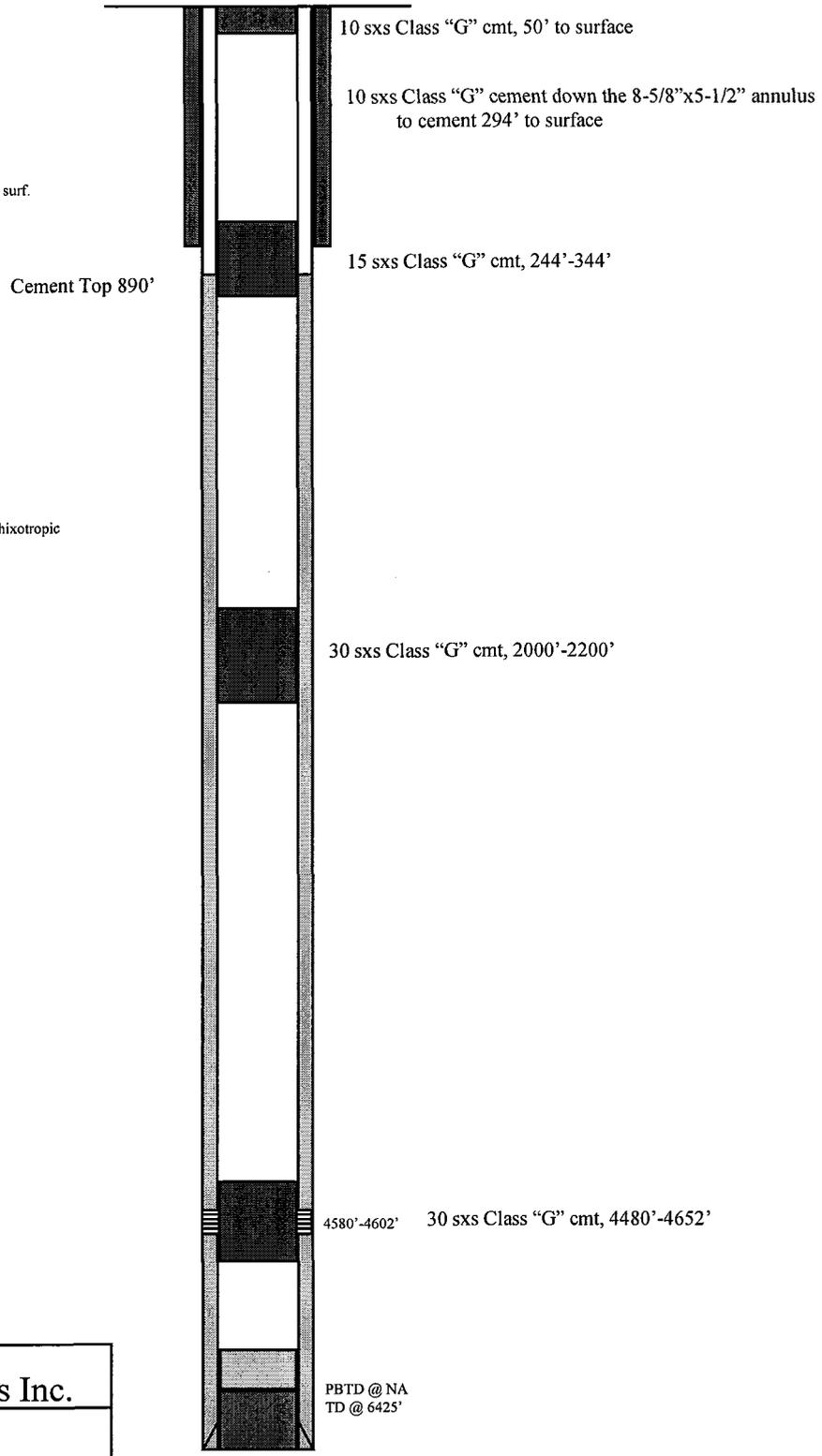
SURFACE CASING

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

PRODUCTION CASING

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

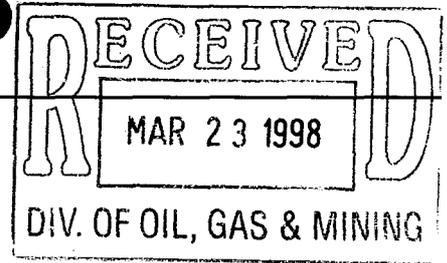
Proposed P&A
Diagram



 **Inland Resources Inc.**

Tar Sands Federal #1-29

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



March 17, 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 #1-29
Monument Butte Field, Boundary Unit, Lease #U-74869
Section 29-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 #1-29 from a producing oil well to a water injection well in the Monument Butte (Green River) Field;
2. Installation of an injection flowline. The proposed water injection line would leave the Tar Sands Federal #1-29 well and run approximately 1000' in a northerly direction, and tie into an existing line. The line would be a 3" coated steel pipe, buried 5' below the surface.

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

Sincerely,

John E. Dyer
Chief Operating Officer

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: <u>10/28/98</u>	Well Owner/Operator: <u>Land</u>	
Disposal Well: _____	Enhanced Recovery Well: <u>X</u>	Other: _____
API No.: <u>43-013-31743</u>	Well Name/Number: <u>Tar Sands Fed. 1-29</u>	
Section: <u>29</u>	Township: <u>8S</u>	Range: <u>17E</u>

Initial Conditions:

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

Conditions During Test:

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	<u>1050</u>	<u>0</u>
5	<u>1050</u>	<u>0</u>
10	<u>1050</u>	<u>0</u>
15	<u>1050</u>	<u>0</u>
20	<u>1050</u>	<u>0</u>
25	<u>1050</u>	<u>0</u>
30	<u>1050</u>	<u>0</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 0 psi
Casing/Tubing Annulus Pressure: 0 psi

REMARKS:

well has not been used for injection prior to this date.

Ray Liddell
Operator Representative

David W. [Signature]
DOG M Witness

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** Tar Sands Federal 1-29

Location: 29/8S/17E **API:** 43-013-31743

Ownership Issues: The proposed well is located on BLM administered land. The well is located in the Boundary Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Inland and various other individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Boundary Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 294 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6424 feet and has a cement top at 890'. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 4577 feet. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells, 1 P&A well and 1 injection well in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 300 feet. Injection shall be limited to the interval between 4580 feet and 4602 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 1-29 well is .95 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2358 psig. The requested maximum pressure is 2358 psig. The anticipated average injection pressure is 1100 psig. 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.

Tar Sands Federal 1-29
page 2

Oil/Gas& Other Mineral Resources Protection: The Boundary Unit was approved on August 24, 1992 and the Greater Boundary Unit on April 8, 1998. Correlative rights issues were addressed at that time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that Administrative approval of this application be granted.

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): Brad Hill Date: 12/29/98

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-213
THE TAR SANDS FEDERAL 13-28	:	
AND 1-29 WELLS LOCATED IN	:	
SECTIONS 28 AND 29, 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 Tar Sands Federal 13-28 and 1-29 wells, located in Sections 28 and 29, 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 6th day of May 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)

May 6, 1998

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

Re: Notice of Agency Action - Cause No. UIC-213

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
Tar Sands Federal 13-28 and 1-29 Wells
Cause No. UIC-213**

Publication Notices were sent to the following:

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

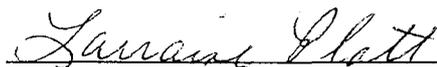
Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066

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
May 6, 1998

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

GREATER BOUNDARY

8. Well Name and No.

TAR SANDS FEDERAL 1-29

9. API Well No.

43-013-31743

10. Field and Pool, or Exploratory Area

TREATY BOUNDARY

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)

0695 FNL 0663 FEL NE/NE Section 29, T08S R17E

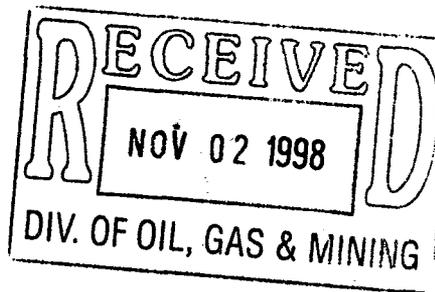
12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Site Security
	<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



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)

May 6, 1998

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

Re: Notice of Agency Action - Cause No. UIC-213

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 Site Facility Diagram

Tar Sands 1-29
NE/NE Sec. 29, T8S, 17E
Duchesne County
May 12, 1998

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

Production Phase:

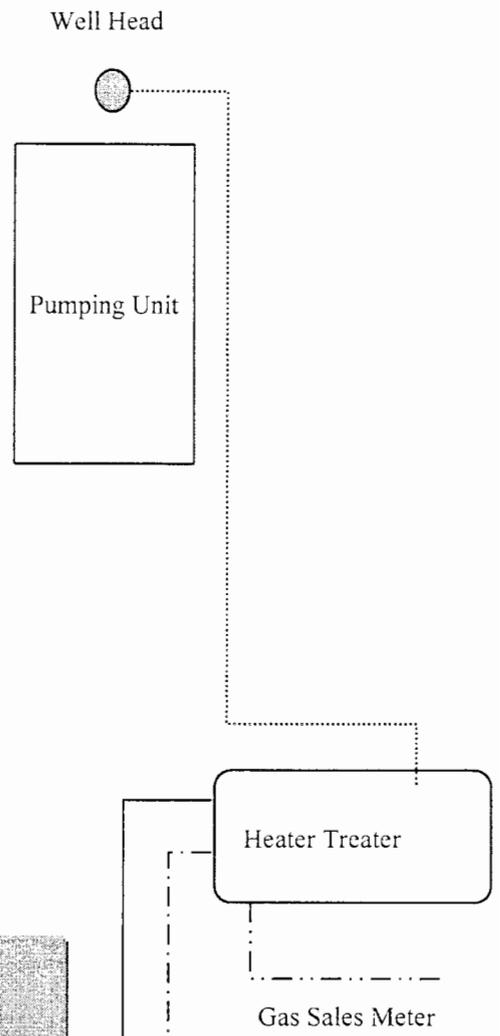
- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

Sales Phase:

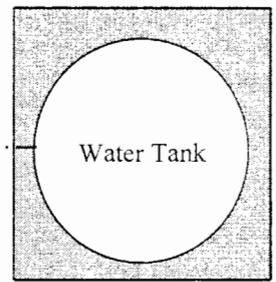
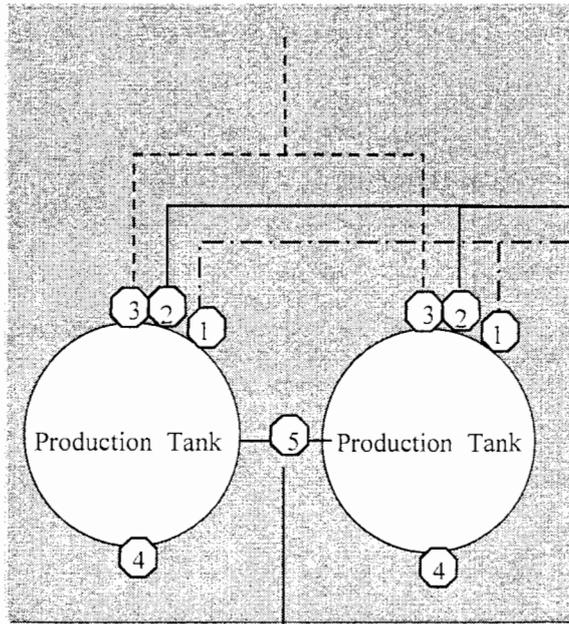
- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

Draining Phase:

- 1) Valve 1 open



Diked Section →



Contained Section

Equalizer Line

Legend

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

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

GREATER BOUNDARY

8. Well Name and No.

TAR SANDS FEDERAL 1-29

9. API Well No.

43-013-31743

10. Field and Pool, or Exploratory Area

TREATY BOUNDARY

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)

0695 FNL 0663 FEL NE/NE Section 29, T08S R17E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **MIT**

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

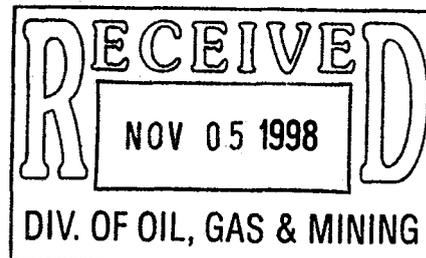
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

The above referenced well was converted from a producing oil well to a water injection well on 10-25-98. A mechanical integrity test was performed on 10-25-98. Casing was tested to 1000 psi for 30 minutes.

Attachments:

1. Daily Workover Report"
2. Copy of Chart



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

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

11/3/98

(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 1-29
NE/NE Section 29, T08S R17E
DUCHESNE Co., Utah
API # 43-013-31743

Spud Date: 8/3/97
POP: 8/29/97
TD: 6425'
WO Rig: CWS #52

10/24/98 PO: Injection Conversion. (Day 1)

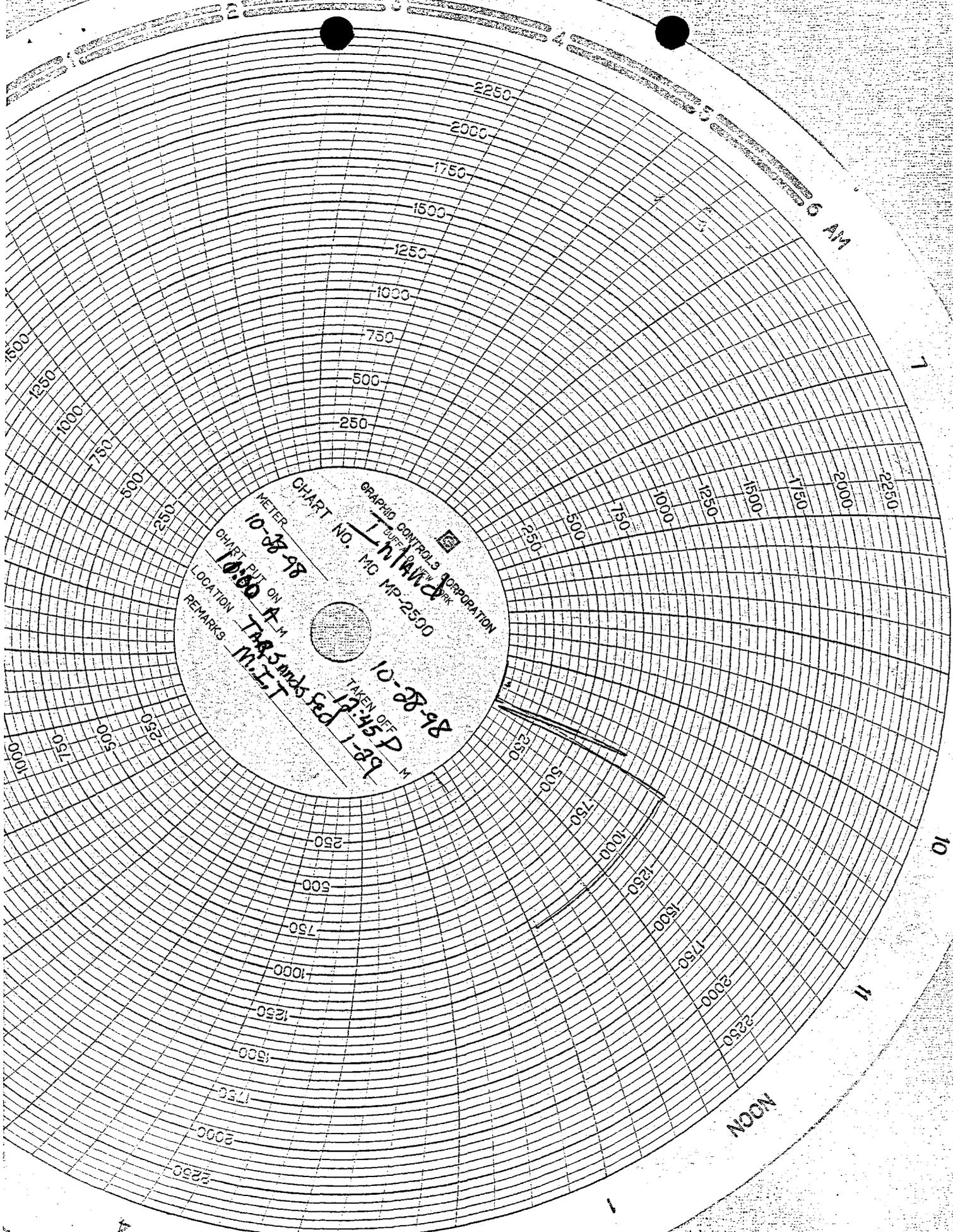
Summary: 10/23/98 - TP: 55, CP: 55. MIRUSU. Pump 30 bbls water down casing @ 270°. Pressure tubing to 1300 psi. Unseat pump. Flush rods w/35 bbls water. TOH w/1-1/2" x 22' polished rod, 4', 8' x 3/4" pony rods, 95 - 3/4" guided rods, 81 - 3/4" plain rods, 4 - 3/4" guided rods, 4 - 1-1/2" k-bars. Layed down on trailer. RU BOP. Released TA. TOH w/146 jts tbg, TA, 2 jts tbg, SN, perf sub, 2 jts tbg, NC. Pick-up bit and Scraper. TIH w/150 jts tbg to 4698' KB. TOH w/116 jts tbg breaking every collar and applying Liquid O Ring to every pin. SIFN.

DC: \$4,500 TWC: \$4,500

10/25/98 PO: M.I.T. (Day 2)

Summary: 10/24/98 - Finish POH w/tbg breaking and applying liquid O ring to all connections. Tally in hole with pkr and tbg. Detail as follows; Halliburton Arrow 1 pkr, SN, 143-jts tbg. EOT @ 4489'. ND BOP and displace hole w/70 bbls wtr and pkr fluid. Set pkr in 6000 tension and NU wellhead. Test csg to 1000 psi for 1/2 hour and RDMOSU.

DC: \$7,100 TWC: \$11,600



GRAPHIC CONTROLS CORPORATION
 CHART NO. **10-28-48**
 METER **10-28-48**
 CHART PUT ON **10:00 AM**
 LOCATION **TRAF-Smth Fed**
 REMARKS **M.I.T.**
 TAKEN OFF **12:45 P**
86-28-48
MP-2500

6 AM

8

9

10

11

NOON

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
GREATER BOUNDARY

8. Well Name and No.
TAR SANDS FEDERAL 1-29

9. API Well No.
43-013-31743

10. Field and Pool, or Exploratory Area
TREATY BOUNDARY

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)
0695 FNL 0663 FEL NE/NE Section 29, T08S R17E

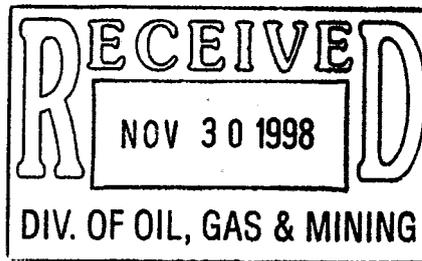
12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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 First 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 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 put on injection 11-9-98.



14. I hereby certify that the foregoing is true and correct
Signed *Debbie E. Knight* Title Manager, Regulatory Compliance Date 11/24/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM



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

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)

December 29, 1998

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Boundary Unit Well: Tar Sands Federal 1-29, Section 29, Township 8 South, Range 17 East, Duchesne County, Utah

Gentlemen:

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

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

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

Sincerely,

John R. Baza
Associate Director, Oil and Gas

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



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

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

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

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-213

Operator: Inland Production Company
Wells: Tar Sands Federal 1-29
Location: Section 29, Township 8 South, Range 17 East,
County: Duchesne
API No.: 43-013-31743
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on December 29, 1998
2. Maximum Allowable Injection Pressure: 2358 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Douglas Creek Member of the Green River Formation (4580 feet - 4602 feet)

Approved by:



John R. Baza
Associate Director, Oil And Gas

1/5/99
Date

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
GREATER BOUNDARY

8. Well Name and No.
TAR SANDS FEDERAL 1-29

9. API Well No.
43-013-31743

10. Field and Pool, or Exploratory Area
TREATY BOUNDARY

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)
0695 FNL 0663 FEL NE/NE Section 29, T08S R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION
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<input 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 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 put on injection 11/9/98.

*WTC
3-23-99
RSC*

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

Signed Shannon Smith Title Engineering Secretary Date 1/19/99

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

STATE OF UTAH
 Division of Oil, Gas and Mining
 355 West North Temple
 3 Triad Center, Suite 350
 Salt Lake City, Utah 84180-1203

1/14/99 POW/3270
 not in DBASE
COPY

INJECTION WELL - PRESSURE TEST

Test Date: <u>10/28/98</u>	Well Owner/Operator: <u>In/and</u>
Disposal Well: _____	Enhanced Recovery Well: <u>(X)</u>
API No.: <u>43-013-31743</u>	Well Name/Number: <u>T&S Fed. 1-29</u>
Section: <u>29</u>	Township: <u>8S</u> Range: <u>17E</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 0 psi

Casing/Tubing Annulus - Pressure: 0 psi

Conditions During Test:

<u>Time (Minutes)</u>	<u>Annulus Pressure</u>	<u>Tubing Pressure</u>
0	<u>1050</u>	<u>0</u>
5	<u>1050</u>	<u>0</u>
10	<u>1050</u>	<u>0</u>
15	<u>1050</u>	<u>0</u>
20	<u>1050</u>	<u>0</u>
25	<u>1050</u>	<u>0</u>
30	<u>1050</u>	<u>0</u>

Results: (Pass)/Fail

Conditions After Test:

Tubing Pressure: 0 psi

Casing/Tubing Annulus Pressure: 0 psi

REMARKS:

well has not been used for injection prior to this date.

Ray Liddell

Operator Representative

David W. [Signature]
 DOGM Witness

L: Lisa

all of these are 43-013-

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

From: Debbie

#12391 "Greater Boundary (GRRV) Unit"

Lease Name	Status	Operator	Twp	Rge	Sec	Spot	Accounting No.	API Code
BOUNDARY FEDERAL 7-20307500051INJ	INJ	INLAND	08S	17E	20	7.0	UMBOI001	30750 8407
BOUNDARY FED 11-21	INJ	INLAND	08S	17E	21	11.0	UMBOI002	30752 10630
BOUNDARY FEDERAL 15-21	INJ	INLAND	08S	17E	21	15.0	UMBOI003	31622 11924
BOUNDARY FEDERAL #10-20	P&A	N/A	08S	17E	20	10	#N/A	
TAR SANDS FEDERAL 12-28	P&A	INLAND	08S	17E	28	12.0	#N/A	
TAR SANDS FEDERAL #32-29	P&A	N/A	08S	17E	29	7	#N/A	
BOUNDARY FEDERAL 6-20	PDP	INLAND	08S	17E	20	6.0	UMBOP001	31626 11991
BOUNDARY FEDERAL 8-20	DRL PDP	INLAND	08S	17E	20	8.0	#N/A	31993 12329
BOUNDARY FEDERAL 9-20	PDP	INLAND	08S	17E	20	9.0	UMBOP002	30690 8408
BOUNDARY FEDERAL 15-20	PDP	INLAND	08S	17E	20	15.0	UMBOP003	30667 8409
BOUNDARY 6-21	PDP	INLAND	08S	17E	21	6.0	UMBOP005	31889 1226
BOUNDARY 7-21	PDP	INLAND	08S	17E	21	7.0	UMZZP053	31640 1202
BOUNDARY 8-21	PDP	INLAND	08S	17E	21	8.0	UMZZP052	31557 1185
BOUNDARY FEDERAL 9-21	PDP	INLAND	08S	17E	21	9.0	UMBOP006	31542 11806
BOUNDARY FEDERAL 10-21	PDP	INLAND	08S	17E	21	10.0	UMBOP007	31532 11803
BOUNDARY FEDERAL 12-21	PDP	INLAND	08S	17E	21	12.0	UMBOP008	31440 11709
BOUNDARY FEDERAL 13-21	PDP	INLAND	08S	17E	21	13.0	UMBOW001	30665 2660
BOUNDARY FEDERAL 14-21	PDP	INLAND	08S	17E	21	14.0	UMBOP009	31441 11768
BOUNDARY FEDERAL 16-21	PDP	INLAND	08S	17E	21	16.0	UMBOP010	31627 11934
TAR SANDS FEDERAL 2-28	PDP	INLAND	08S	17E	28	2.0	UMZZP079	11937 31642
TAR SANDS FEDERAL 3-28	PDP	INLAND	08S	17E	28	3.0	UMZZP078	11923 31623
TAR SANDS FEDERAL 4-28	PDP	INLAND	08S	17E	28	4.0	UMZZP080	11938 31641
TAR SANDS FEDERAL 5-28 (1)	PDP	INLAND	08S	17E	28	5.0	UMZZP114	12171 31697
TAR SANDS FED 6-28	PDP	INLAND	08S	17E	28	6.0	UMZZP116	12241 31921
TAR SANDS FED 13-28	PDP	INLAND	08S	17E	28	13.0	UMZZP105	12176 31771
TAR SANDS FEDERAL 1-29	PDP	INLAND	08S	17E	29	1.0	UMZZP115	12168 31743
TAR SANDS FED 8-29	PDP	INLAND	08S	17E	29	8.0	UMZZP117	12242 31922
TAR SANDS FEDERAL 9-29	PDP	INLAND	08S	17E	29	9.0	#N/A	12281 31942
TAR SANDS FEDERAL 12-29	PDP	INLAND	08S	17E	29	12.0	UMZZP113	12261 31924
TAR SANDS FEDERAL 16-29	PDP	INLAND	08S	17E	29	16.0	UMZZP106	12212 31871
TAR SANDS FEDERAL 1-33	PDP	INLAND	08S	17E	33	1.0	UMZZP108	12265 31863
TAR SANDS FEDERAL 2-33	PDP	INLAND	08S	17E	33	2.0	UMZZP107	12271 31867
BOUNDARY FED 5-21	SI	INLAND	08S	17E	21	5.0	UMBOP004	30822 11162
FEDERAL 1-26	SI	INLAND	08S	17E	26	3.0	431162	4304731953 11225

Thanks for your help.

ENTITY ACTION FORM - FORM 6

ADDRESS _____

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

- ACTION 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.

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

May 5, 1987

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-74869	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Route #3 Box 3630 Myton, Utah 84052 (435) 646-3721		7. UNIT AGREEMENT NAME GREATER BOUNDARY	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/NE 0695 FNL 0663 FEL		8. FARM OR LEASE NAME TAR SANDS FEDERAL 1-29	
14. API NUMBER 43-013-31743		9. WELL NO. 1-29-8-17	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5231 GR		10. FIELD AND POOL, OR WILDCAT TREATY BOUNDARY	
12. COUNTY OR PARISH DUCHESNE		11. SEC., T., R., M., OR BLK AND SURVEY OR AREA NE/NE Section 29, T08S R17E	
13. STATE UT			

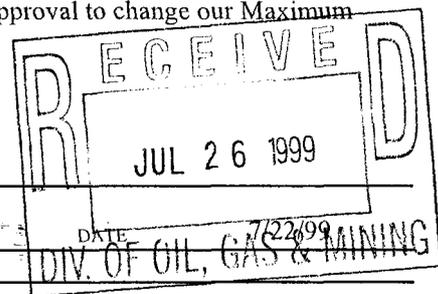
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>		(OTHER) <u>Step-Rate Test</u>	<input checked="" type="checkbox"/>
(OTHER) _____		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

On July 21, 1999 Inland Production Company conducted a Step-Rate Test (SRT) on the Tar Sands Federal #1-29-8-17 injection well in the Greater Boundary Unit. Due to the results of the attached SRT Inland is requesting approval to change our Maximum Allowable Injection Pressure to 1090 psi on this well.

COPY SENT TO OPERATOR
Date: 8-6-99
Initials: CHP



18 I hereby certify that the foregoing is true and correct

SIGNED <u>Brad Mechem</u>	TITLE _____	Operator <u>Approved by the Utah Division of Oil, Gas and Mining</u>	DATE <u>7/22/99</u>
---------------------------	-------------	--	---------------------

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

Date: 8/5/99
By: [Signature]

Calculation of Maximum Surface Injection Pressure

Date:	7/21/99	Operator:	Inland Production Co.
		Well:	Tar Sands Federal # 1-29-8-17
		Unit:	Greater Boundary Unit
		Permit:	UT2702-04447

Enter the following values if known:

Instantaneous Shut In Pressure (ISIP)	1550	psi
Specific Gravity (SG) of injectate	1.005	g/cc
Depth to injection zone top (D)	4580'	feet
Estimated Formation Parting Pressure (Pfp) from chart	1090	psi
Fracture Gradient (FG)	0.673	psi/ft
Bottom Hole Parting Pressure (Pbbp)	3083	psi

Maximum Surface Injection Pressure =

1090	PSIG
-------------	-------------

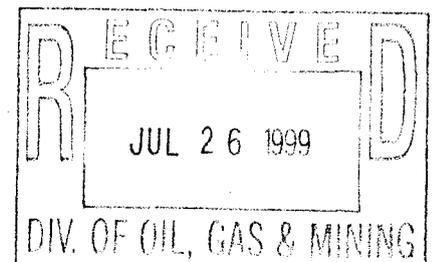
Maximum Surface Injection Pressure (P_{max}) = FG - (0.433 * SG) * D
 (Use lesser of ISIP or Pfp) Value used = 1090 psi 1090

Fracture Gradient (FG) = (Pbhp / D)
 (Use lesser of FG's) Value used = 0.673

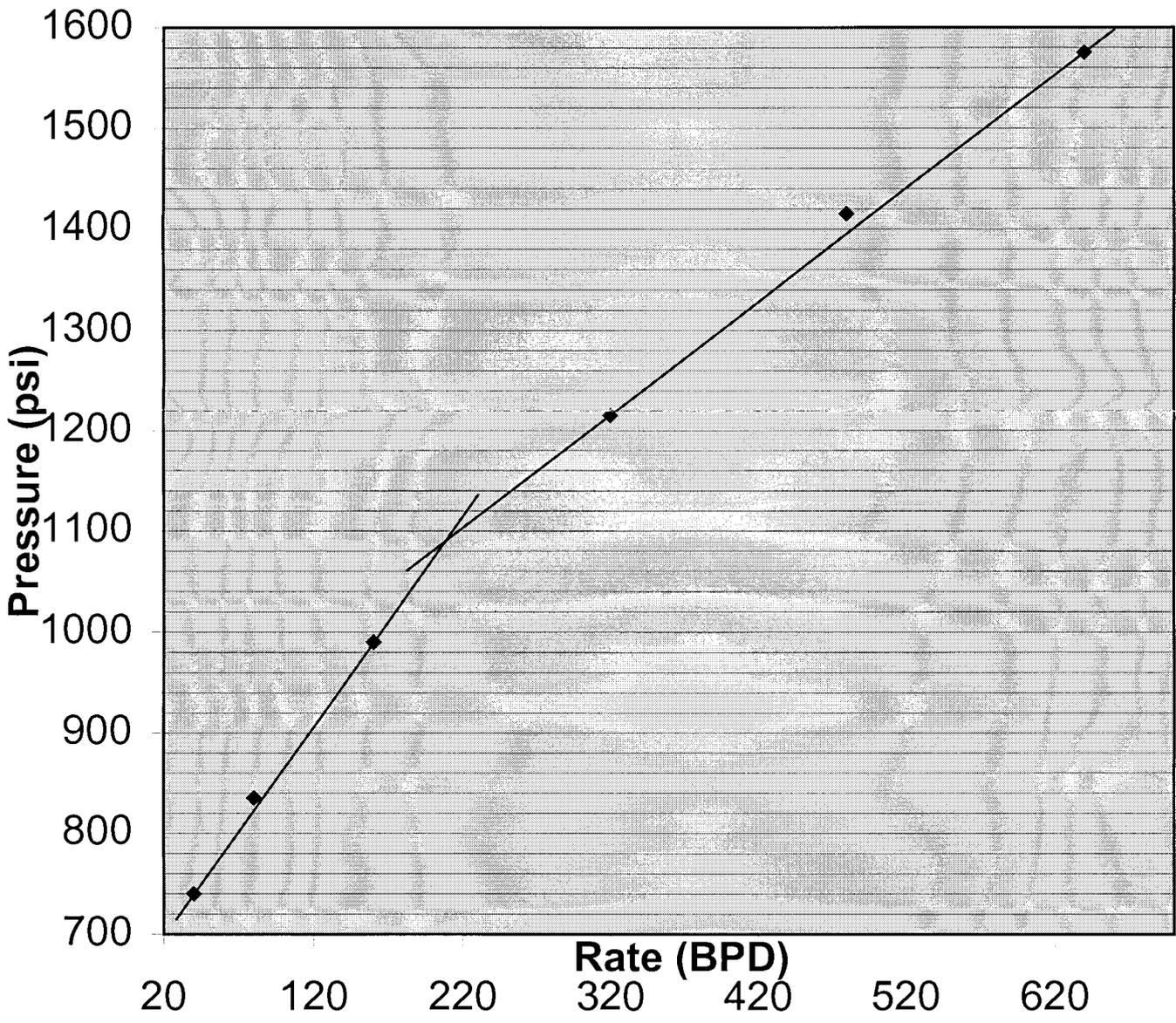
Calculated FG = 0.673 Compared FG =

Bottom hole Parting Pressure (Pbhp) = ISIP + (0.433 * SG * D)

3083	PSI
-------------	------------



TSF 1-29-8-17
(G. Boundary unit)
Step Rate Test
July 21, 1999



ISIP: 1550 psi
Fracture pressure: 1090 psi
FG: 0.673

Step	Rate(bpd)	Pressure(psi)
1	40	740
2	80	835
3	160	990
4	320	1215
5	480	1415
6	640	1575

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-76956	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		7. UNIT AGREEMENT NAME GREATER BOUNDARY	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NE/NE Section 29, T8S R17E 695 FNL 663 FEL		8. FARM OR LEASE NAME TAR SANDS FED 1-29	
14. API NUMBER 43-013-31743		9. WELL NO. TAR SANDS FED 1-29	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5231 GR		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/NE Section 29, T8S R17E	
		12. COUNTY OR PARISH DUCHESNE	13. STATE UT

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/>	5 Year MIT
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

A five year MIT was conducted on the subject well. On 10/16/03 Al Craver w/EPA was contacted of the intent to conduct a MIT on the casing. On 10/17/03 the casing was pressured to 1400 psi w/no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

RECEIVED
OCT 22 2003
DIV. OF OIL, GAS & MINING

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 10/20/2003
Krishna Russell

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

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

COPY SENT TO OPERATOR
Date: 10-23-03
Initials: CHD

* See Instructions On Reverse Side

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 10-22-03
By: [Signature]

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 10 / 17 / 03
 Test conducted by: BRET HENRIE
 Others present: _____

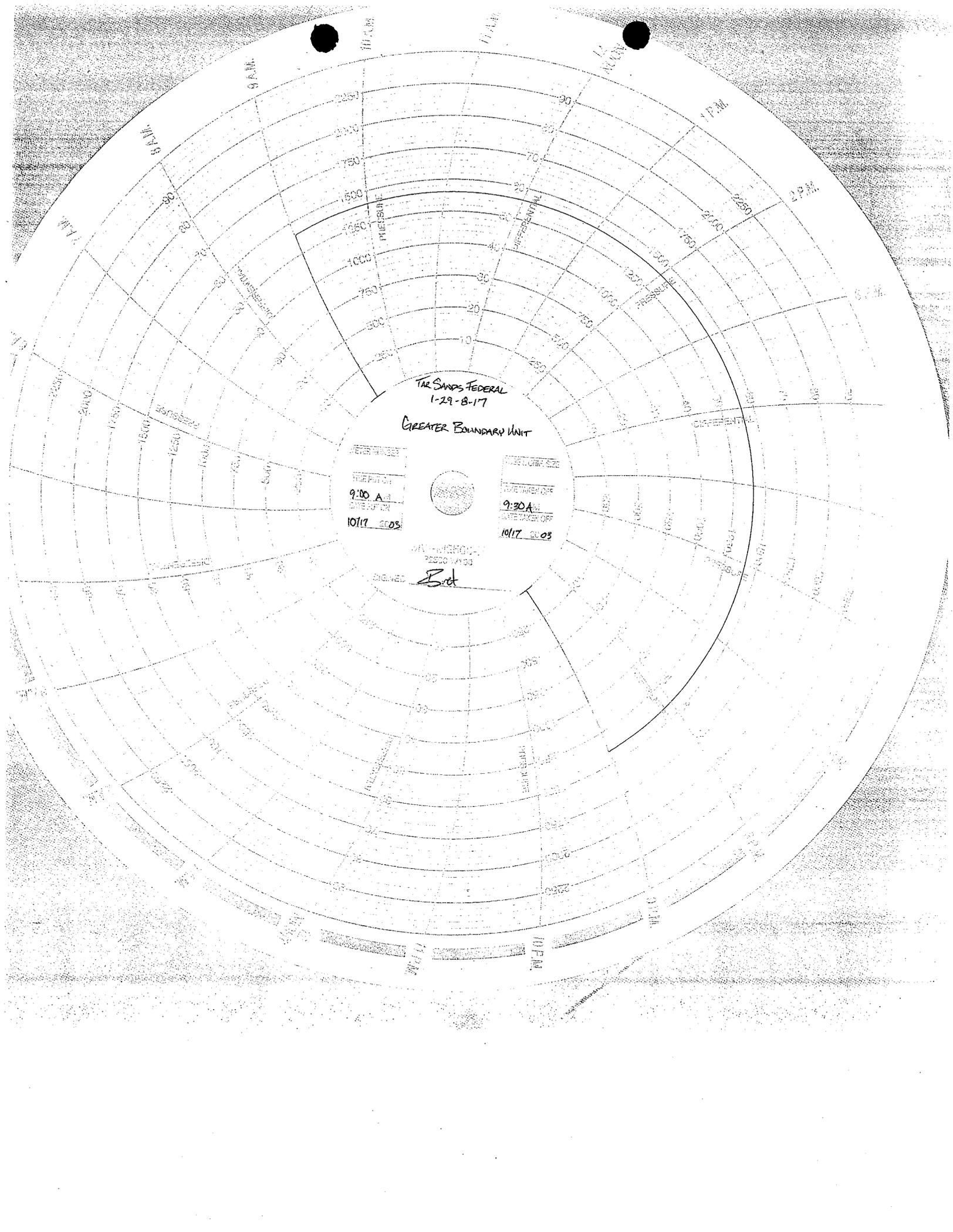
Well Name: <u>TAR SANDS FEDERAL 1-29-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GREATER BOUNDARY UNIT</u>		
Location: <u>NE/NE</u> Sec: <u>29</u> T <u>E</u> N/S R <u>17</u> E/W County: <u>DULLESNE</u> State: <u>UT</u>		
Operator: <u>INLAND</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1090</u>	PSIG

- Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 3 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1040 psig	psig	psig
End of test pressure	1040 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1400 psig	psig	psig
5 minutes	1400 psig	psig	psig
10 minutes	1400 psig	psig	psig
15 minutes	1400 psig	psig	psig
20 minutes	1405 psig	psig	psig
25 minutes	1405 psig	psig	psig
30 minutes	1405 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



TAR SANDS FEDERAL
1-29-8-17

GREATER BOUNDARY UNIT

TEMPERATURE
9:00 A
DATE/TIME OFF
10/17 2003

WELL LOG SIZE
DATE/TIME OFF
9:30 A
DATE/TIME OFF
10/17 2003

DRILLED
Bret

TAR SANDS FEO.
1-29-8-17

5:00/A
11/18 03

40%
11/18 03

88MSK
D.A. Kimm

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

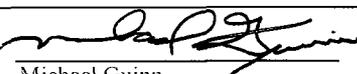
<p>1. SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN" form for such proposals.</p> <p>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Injection Well</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. UTU-76956</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A</p> <p>7. UNIT AGREEMENT NAME GREATER BOUNDARY</p> <p>8. WELL NAME and NUMBER TAR SANDS FED 1-29</p> <p>9. API NUMBER 43-013-31743</p> <p>10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE</p>
<p>2. NAME OF OPERATOR INLAND PRODUCTION COMPANY</p>	<p>COUNTY DUCHESNE STATE UTAH</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 695 FNL 663 FEL</p> <p>QQ, SEC. T. R. M: NE/NE Section 29, T8S R17E</p>	

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

<p>NOTICE OF INTENT: (Submit in Duplicate)</p> <p><input type="checkbox"/> ABANDON <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> WATER SHUT OFF</p> <p><input type="checkbox"/> OTHER _____</p>	<p>SUBSEQUENT REPORT OF: (Submit Original Form Only)</p> <p><input type="checkbox"/> ABANDON* <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input checked="" type="checkbox"/> OTHER <u>Step Rate Test</u></p> <p>DATE WORK COMPLETED _____</p> <p>Report results of Multiple Completion and Re Completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</p> <p><small>*Must be accompanied by a cement verification report.</small></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 11/18/03. Results from the test indicate that the fracture gradient is .788 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 1615 psi.

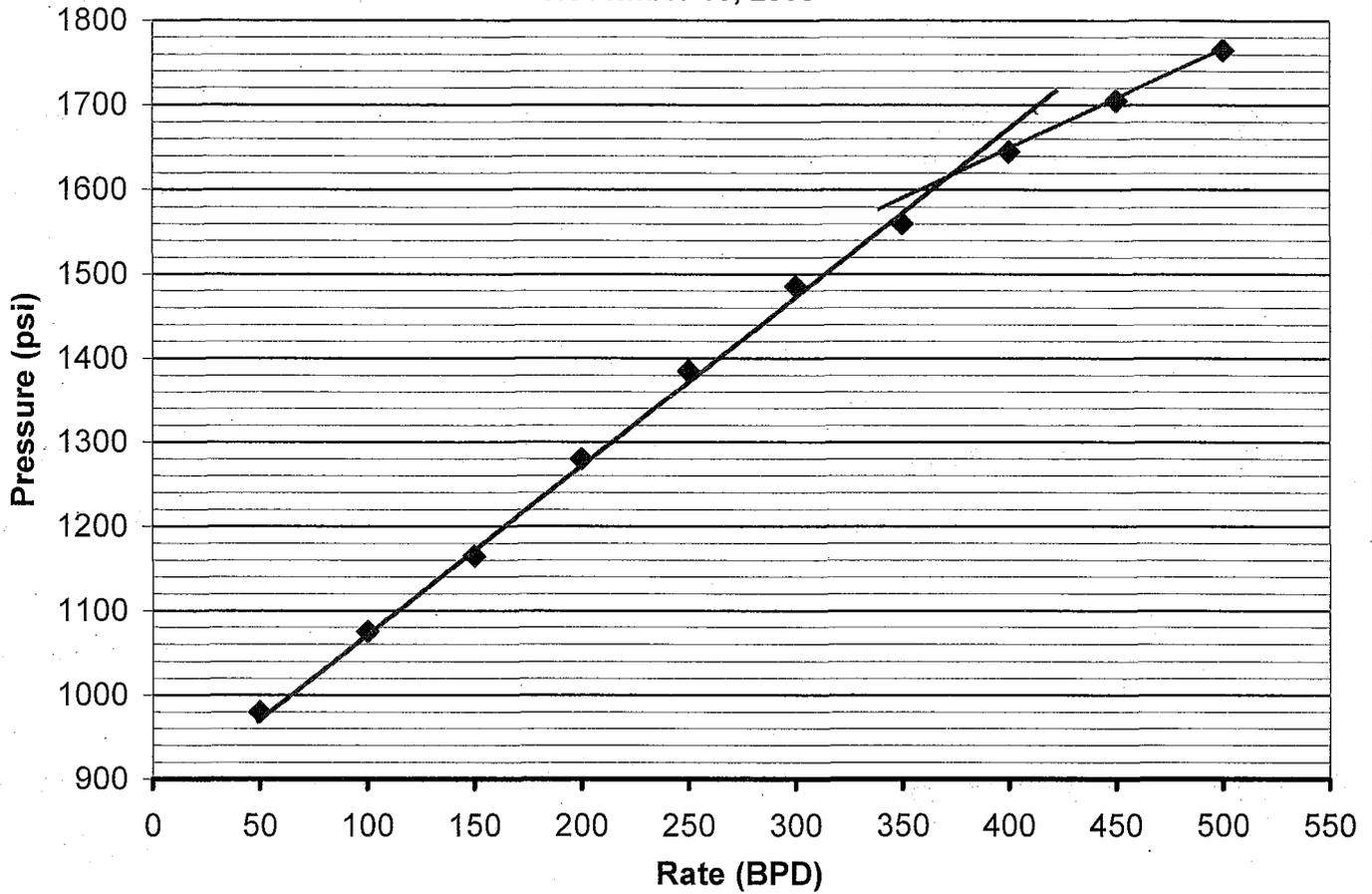
13. NAME & SIGNATURE:  TITLE Vice President of Operations DATE 12/3/2003
 Michael Guinn

(This space for State use only)

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

RECEIVED
DEC 04 2003
DIV. OF OIL, GAS & MINING

Tar Sands Federal 1-29-8-17
Greater Boundary Unit
Step Rate Test
November 18, 2003



Start Pressure: 745 psi
Instantaneous Shut In Pressure (ISIP): 1710 psi
Top Perforation: 4580 feet
Fracture pressure (Pfp): 1615 psi
FG: 0.788 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	50	980
2	100	1075
3	150	1165
4	200	1280
5	250	1385
6	300	1485
7	350	1560
8	400	1645
9	450	1705
10	500	1765



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

DEC 22 2003

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

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

RE: UNDERGROUND INJECTION CONTROL (UIC)
APPROVAL TO INCREASE MAXIMUM
SURFACE INJECTION PRESSURE
EPA Permit No. UT20702-04447
Tar Sands Federal No. 1-29-8-17
NE NE Sec. 29 - T8S - R17E
Duchesne County, Utah

Dear Mr. Guinn:

The Environmental Protection Agency (EPA) Boundary Area Permit UT20702-00000 (Effective February 8, 1994), Part II, Section C. 4. (b), permits the "Director" to authorize, by letter, an increase in the maximum surface injection pressure (MIP) for the Tar Sands Federal No. 1-29-8-17 following receipt and approval of a valid Step-Rate Test (SRT).

On December 3, 2003, Inland Production Company (Inland) submitted an SRT, dated November 18, 2003, which was reviewed and approved by the EPA on December 8, 2003. The EPA's review of the SRT did agree that the Instantaneous Shut In Pressure (ISIP) was 1710 psi, that the top perforation is 4580 feet, and the Specific Gravity (SG) is 1.005. The EPA concurs that the calculated fracture gradient (FG) is 0.788 psi/ft for the Garden Gulch/Douglas Creek/Basal Carbonate Members of the Green River Formation injection interval.

RECEIVED

DEC 24 2003

DIV. OF OIL, GAS & MINING



As of the date of this letter, the EPA authorizes an increase in the maximum surface injection pressure (MIP) from 1090 psig to 1615 psig.

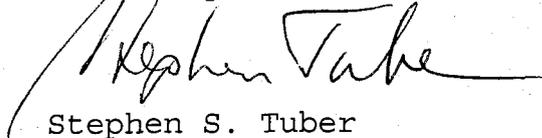
FG = 0.788 psi/ft
 D = 4580 feet: Top perforation
 SG = Specific gravity: 1.005

MIP = $[(0.788) - (0.433)(1.005)] 4580$

MIP = 1615 psig.

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

Sincerely,



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

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

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

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

Mr. David Gerbig
Operations Engineer
Inland Production Company
410 Seventeenth Street - Suite 700
Denver, CO 80202

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

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

Mr. Nathan Wiser
8ENF-T



United States Department of the Interior



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

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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

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



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

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

Approval Date: 9-20-04

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

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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

9/1/2004

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

CA No.

Unit:

GREATER BOUNDARY (GR)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BOUNDARY FED 8-20-8-17	20	080S	170E	4301331993	12391	Federal	OW	S
BOUNDARY 6-21	21	080S	170E	4301331889	12391	Federal	OW	P
TAR SANDS FED 13-28	28	080S	170E	4301331771	12391	Federal	WI	A
TAR SANDS FED 6-28	28	080S	170E	4301331921	12391	Federal	OW	P
TAR SANDS FED 14-28-8-17	28	080S	170E	4301332065	12391	Federal	OW	P
TAR SANDS FED 10-28-8-17	28	080S	170E	4301332066	12391	Federal	OW	P
TAR SANDS FED 1-29	29	080S	170E	4301331743	12391	Federal	WI	A
TAR SANDS FED 16-29	29	080S	170E	4301331871	12391	Federal	OW	P
TAR SANDS FED 8-29	29	080S	170E	4301331922	12391	Federal	OW	P
TAR SANDS FED 12-29	29	080S	170E	4301331924	12391	Federal	OW	P
SAND WASH 9-29-8-17	29	080S	170E	4301331942	12391	Federal	WI	A
TAR SANDS FED 15-29-8-17	29	080S	170E	4301332058	12391	Federal	WI	A
TAR SANDS FED 14-29-8-17	29	080S	170E	4301332059	12391	Federal	OW	P
TAR SANDS FED 6-29-8-17	29	080S	170E	4301332060	12391	Federal	OW	P
TAR SANDS FED 5-29-8-17	29	080S	170E	4301332061	12391	Federal	OW	P
TAR SANDS FED 4-29-8-17	29	080S	170E	4301332062	12391	Federal	OW	P
TAR SANDS FED 3-29-8-17	29	080S	170E	4301332063	12391	Federal	WI	A
TAR SANDS FED 2-29-8-17	29	080S	170E	4301332064	12391	Federal	OW	S
TAR SANDS FED 1-33	33	080S	170E	4301331863	12391	Federal	WI	A
TAR SANDS FED 2-33	33	080S	170E	4301331867	12391	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU76956

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY II

8. WELL NAME and NUMBER:
TAR SANDS FED 1-29

9. API NUMBER:
4301331743

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

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.

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

2. NAME OF OPERATOR:
Newfield Production Company

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

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 0695 FNL 0663 FEL COUNTY: Duchesne
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NE/NE, 29, T8S, R17E STATE: Utah

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

TYPE OF ACTION

TYPE OF SUBMISSION

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: _____ 03/11/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

A step rate test was conducted on the subject well on February 22, 2005. Results from the test indicate that the fracture gradient is .833 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1820 psi.

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

NAME (PLEASE PRINT) Mike Guinn

TITLE Engineer

SIGNATURE 

DATE March 11, 2005

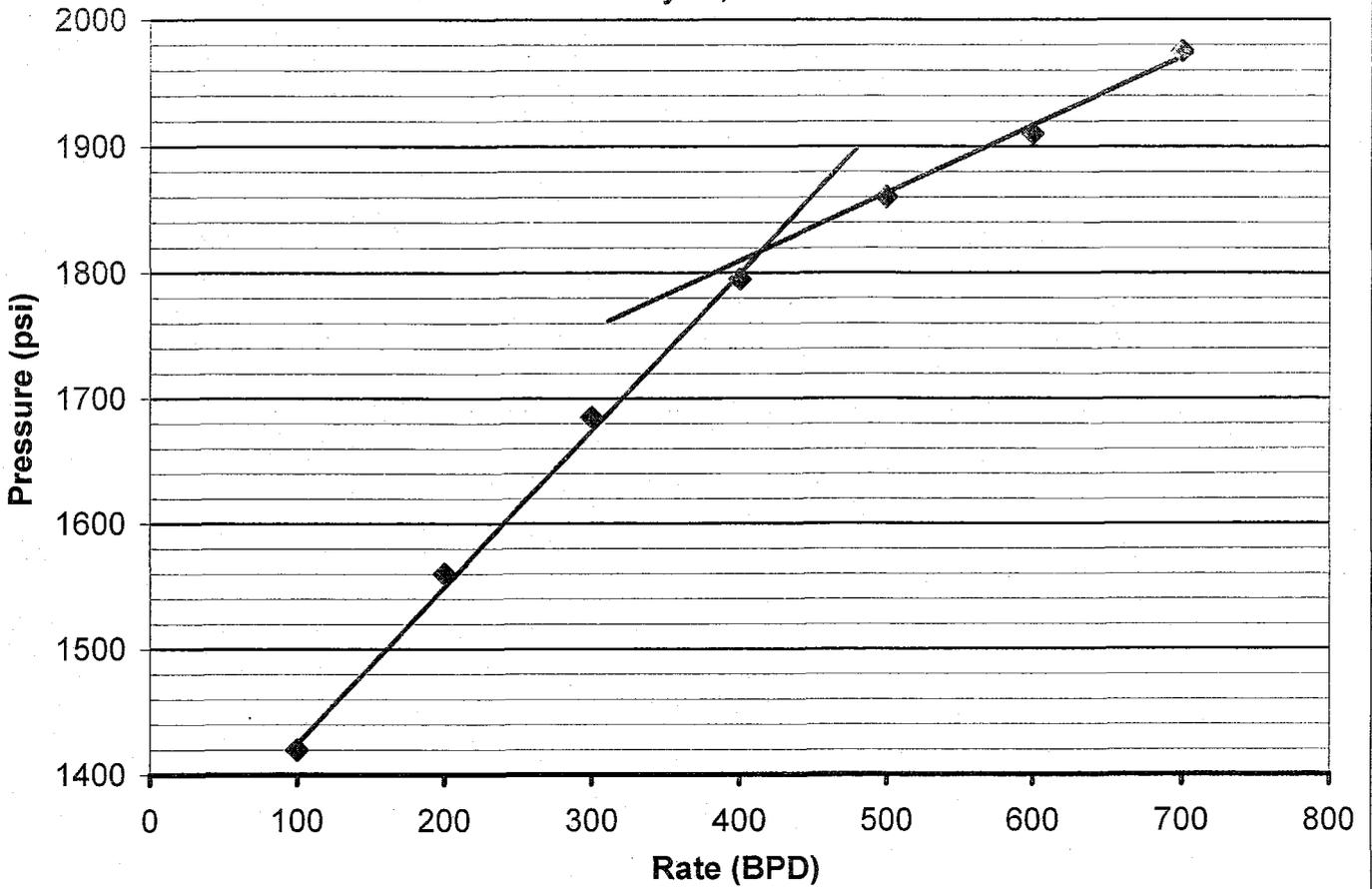
(This space for State use only)

RECEIVED

MAR 16 2005

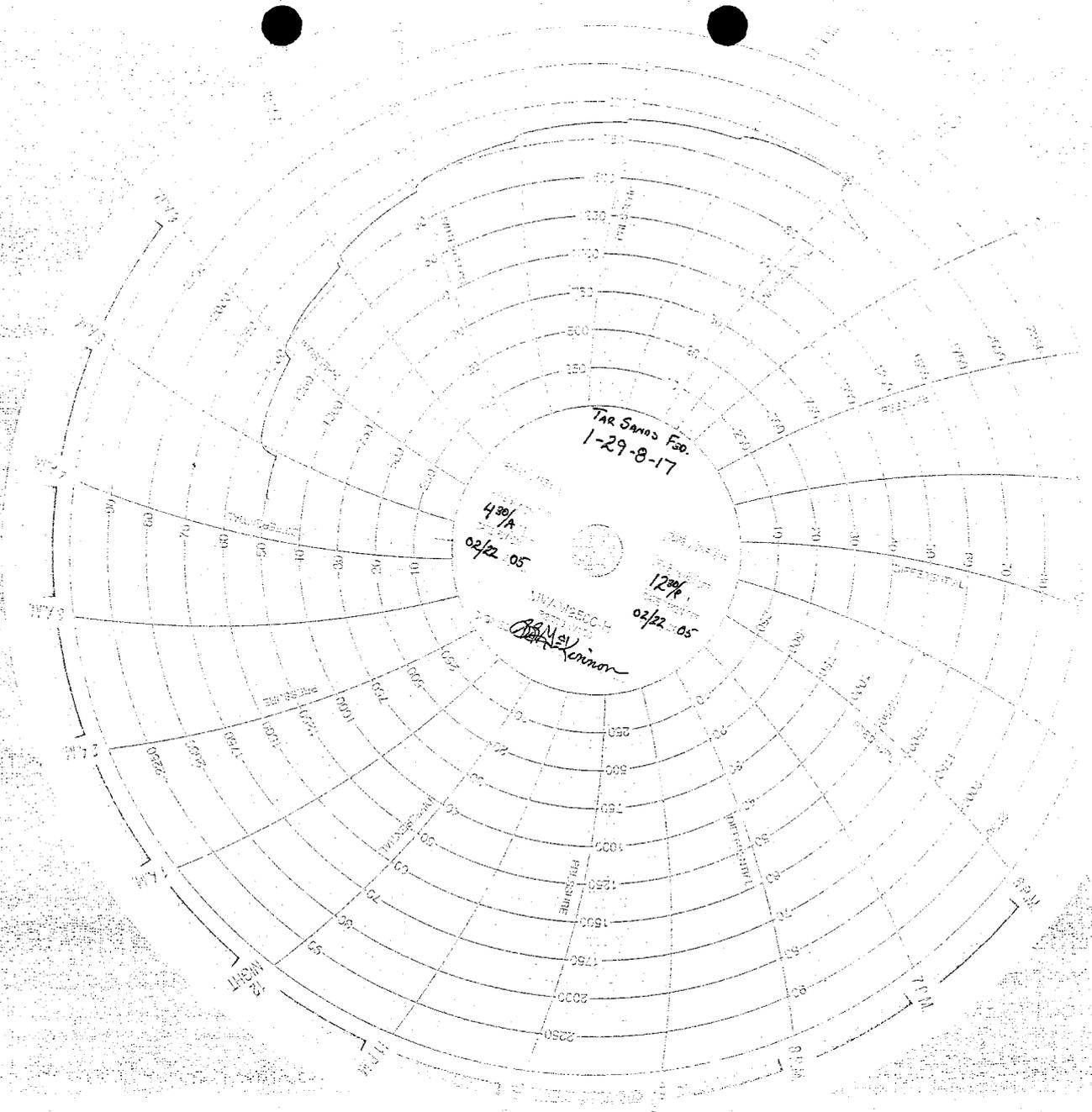
DIV. OF OIL, GAS & MINING

Tar Sands Federal 1-29-8-17
 Greater Boundary II Unit
 Step Rate Test
 February 22, 2005



Start Pressure: 1245 psi
Instantaneous Shut In Pressure (ISIP): 1960 psi
Top Perforation: 4580 feet
Fracture pressure (Pfp): 1820 psi
FG: 0.833 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	100	1420
2	200	1560
3	300	1685
4	400	1795
5	500	1860
6	600	1910
7	700	1975



TAR SANDS FSD
1-29-8-17

430
02/22 05

1200
02/22 05

UNIVERSITY
OF MICHIGAN
Kenyon

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-76956

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY II

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
TAR SANDS FED 1-29

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331743

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: 695 FNL 663 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 29, T8S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/23/2008	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - 5 Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

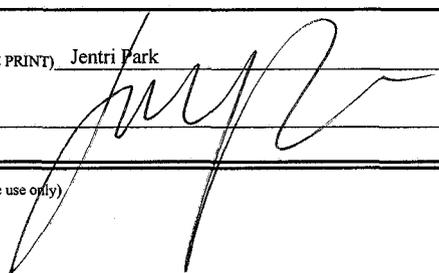
On 09-16-08 Nathan Wiser with the EPA was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 09-20-08. On 09-20-08 the csg was pressured up to 1250 psig and charted for 30 minutes with 0 psi pressure loss. The well was injecting during the test. The tbg pressure was 1800 psig during the test. There was not an EPA representative available to witness the test. EPA# 20702-04447 API# 43-013-31743.

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

Accepted by the
Utah Division of
Oil, Gas and Mining

NAME (PLEASE PRINT) Jentri Park

TITLE Production Tech

SIGNATURE 

DATE 09/23/2008

(This space for State use only)

RECEIVED
SEP 25 2008
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 9 / 20 / 08
 Test conducted by: David Chase
 Others present: _____

Well Name: <u>Tar Sands 1-29-F-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/NE</u> Sec: <u>29</u> T <u>8</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Duchene</u>	State: <u>W</u>
Operator: <u>Newfield Production</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: <u>0*</u>	PSIG

A.P.I. # 43-013-31743

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: 85 bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1800*</u> psig	psig	psig
End of test pressure	<u>1800*</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1250*</u> psig	psig	psig
5 minutes	<u>1250*</u> psig	psig	psig
10 minutes	<u>1250*</u> psig	psig	psig
15 minutes	<u>1250*</u> psig	psig	psig
20 minutes	<u>1250*</u> psig	psig	psig
25 minutes	<u>1250*</u> psig	psig	psig
30 minutes	<u>1250*</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

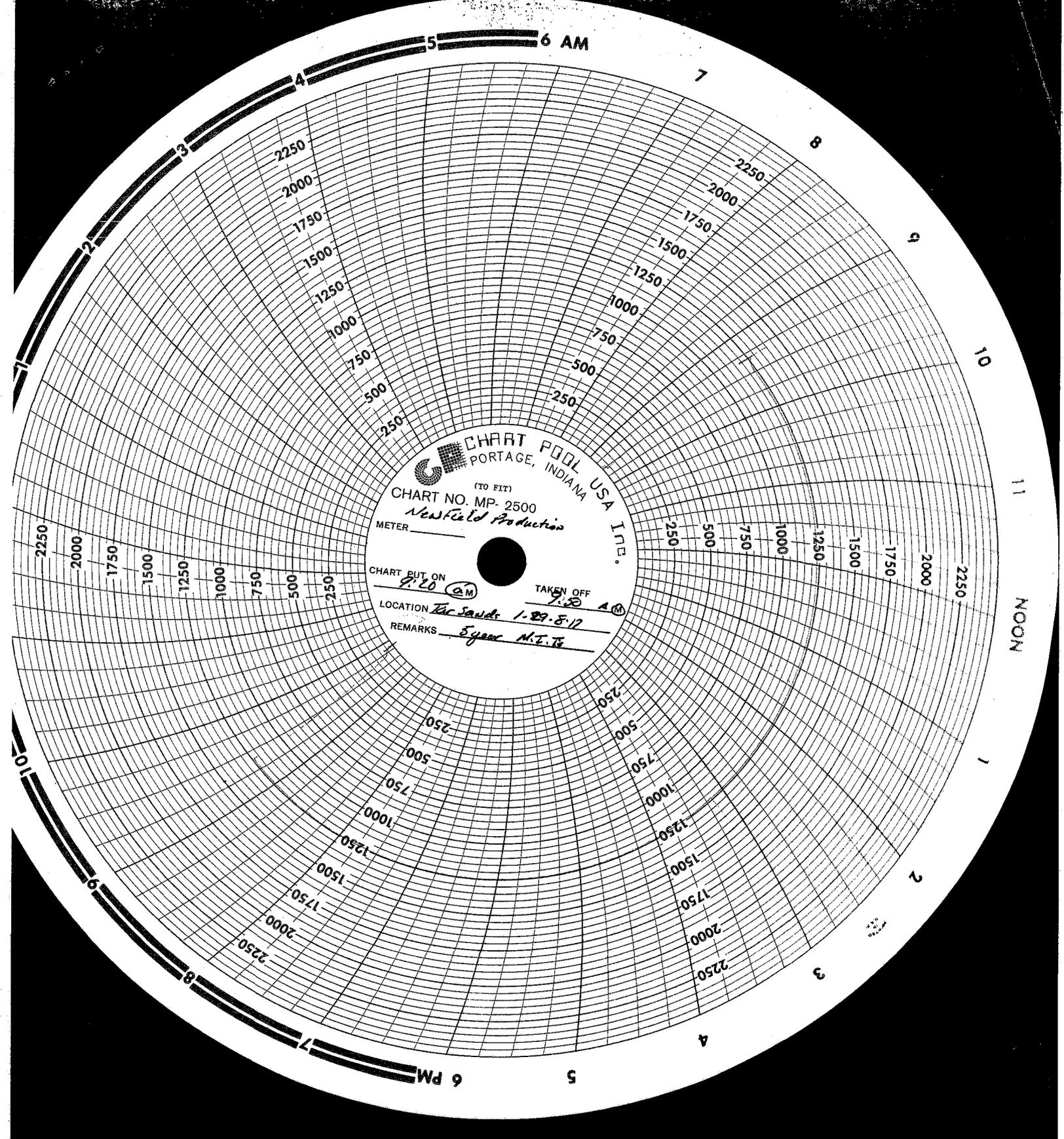


CHART POOL USA INC.
PORTAGE, INDIANA
(TO FIT)
CHART NO. MP- 2500
Nestfield Production
METER _____

CHART PUT ON *9:20* (AM)
TAKEN OFF *7:30* (AM)
LOCATION *Lee Sands 1-29-8-12*
REMARKS *8 year M.T. 78*

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: TAR SANDS FED 1-29
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013317430000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0695 FNL 0663 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 29 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/15/2013 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
5 YR MIT performed on the above listed well. On 08/15/2013 the casing was pressured up to 1250 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1513 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04447		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 21, 2013
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 8/19/2013

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 8/15/2013
 Test conducted by: Dustin Bennett
 Others present: _____

Well Name: <u>1-29-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>NE/NE</u> Sec: <u>29</u> T <u>8</u> N/S R <u>17</u> E/W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1625</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: 18 bpd

Pre-test casing/tubing annulus pressure: 0/1513 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1513</u> psig	psig	psig
End of test pressure	<u>1513</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1250</u> psig	psig	psig
5 minutes	<u>1250</u> psig	psig	psig
10 minutes	<u>1250</u> psig	psig	psig
15 minutes	<u>1250</u> psig	psig	psig
20 minutes	<u>1250</u> psig	psig	psig
25 minutes	<u>1250</u> psig	psig	psig
30 minutes	<u>1250</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____

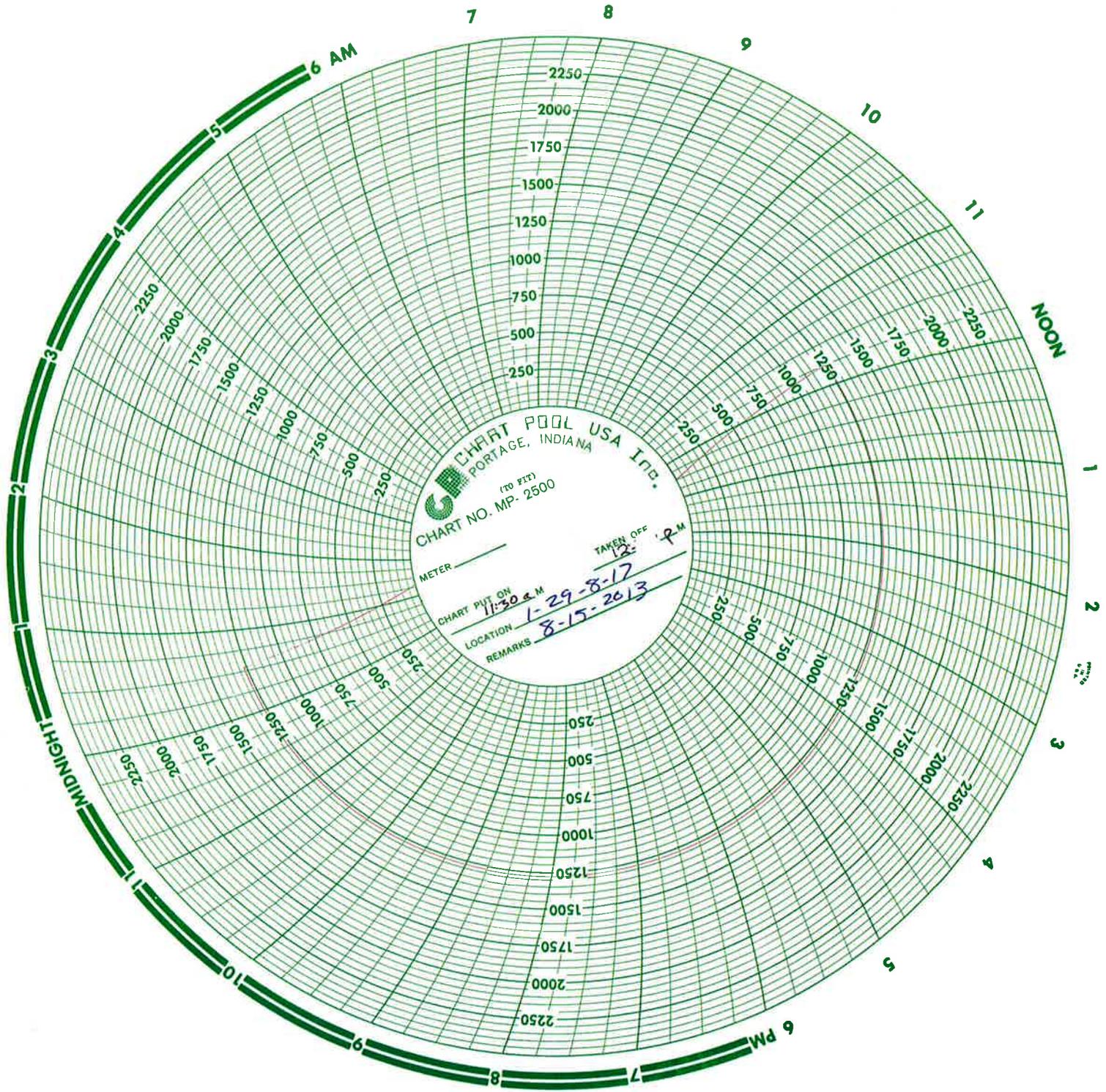


CHART POOL USA INC.
PORTAGE, INDIANA
170 FT
CHART NO. MP- 2500

METER _____
CHART PUT ON 11:30 a.m.
LOCATION 1-29-8-17
REMARKS 8-15-2013
TAKEN OFF 12:42 P.M.

Tar Sands Federal #1-29

Spud Date: 7/23/97

Pu

ton Injection: 8/29/97 GL:

5231' KB 5244'
SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (302.27')

DEPTH LANDED: 294' GL

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt. est 0 bbls to surf

Injecting Diagram

Cement Top 890'

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 152 jts. (6425.25')

DEPTH LANDED: 6424' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 470 sxs Hibond mixed & 425 sxs thixotropic

CEMENT TOP AT: 890' per CBI.

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 146 jts

SEATING NIPPLE: 2 - 7/8" (1.10')

TOTAL STRING LENGTH: ? (EOT @ 4489')

4589' ?

Initial Production: 118

BOPD, 176 MCFD, 5 BWPD

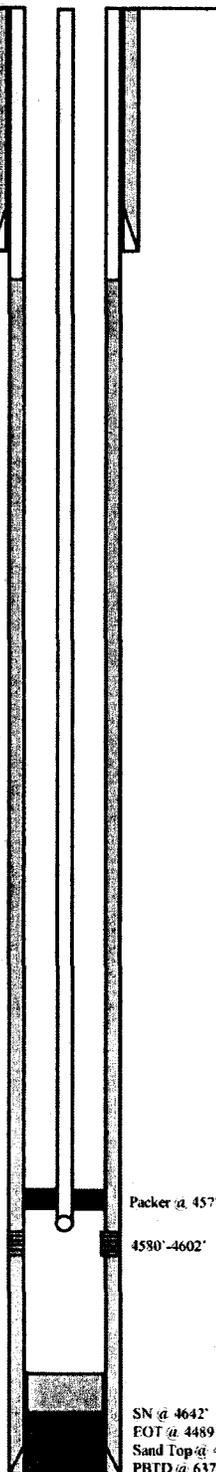
FRAC JOB

8/27/97 4580'-4602'

Frac GB sand as follows:
 129,000# of 20/40 sand in 577 bbls of
 Boragel. Breakdown @ 2570psi.
 Treated @ avg rate of 24 bpm w/avg
 press of 2000 psi. ISIP-2356 psi, 5-min
 2309 psi. Flowback on 12.64' ck for 4
 hours and died.

PERFORATION RECORD

8/27/97 4580'-4602' 4 ISPF 58 holes



 **Inland Resources Inc.**
Tar Sands Federal #1-29
 663 FEL 695 FNL
 NENE Section 29-18S-R17E
 Duchesne Co, Utah
 API #43-013-31743, Lease #U-74869