

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED: JULY 1, 1996
 LAND FEE & PATENTED: STATE LEASE NO. PUBLIC LEASE NO. U-74869 INDIAN

DRILLING APPROVED: MARCH 18, 1997
 SPUDDED IN: 4/23/97
 COMPLETED: 7/31/97 POW PUT TO PRODUCING:
 INITIAL PRODUCTION: 247 Bbl, 240 mcf, 16 Bbl

GRAVITY API:
 GOR: .972
 PRODUCING ZONE: 4599 - 5942' MRPV
 TOTAL DEPTH: 6170'
 WELL ELEVATION: 5298' MR

DATE ABANDONED:
 FIELD: MONUMENT BUTTE
 UNIT:
 COUNTY: DUCHESNE
 WELL NO: TAR SANDS FEDERAL 7-31 API NO. 43-013-31684

LOCATION: 1947 FNL FT. FROM (N) (S) LINE: 1870 FEL FT. FROM (E) (W) LINE: SW NE 1/4 - 1/4 SEC. 31

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
8S	17E	31	INLAND PRODUCTION				

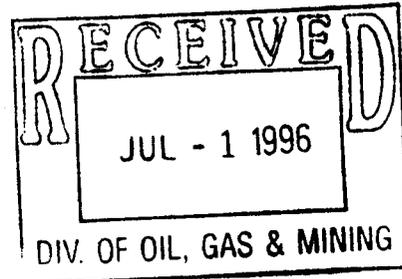
GEOLOGIC TOPS:

ATERNARY	Star Point	Chinle	Molas
uvium	Wahweap	Shinarump	Manning Canyon
ke beds	Masuk	Moenkopi	Mississippian
eistocene	Colorado	Sinbad	Humbug
ke beds	Sego	PERMIAN	Brazer
RTIARY	Buck Tongue	Kaibab	Pilot Shale
ocene	Castlegate	Cocorino	Madison
ilt Lake	Mancos	Cutler	Leadville
igocene	Upper	Hoskinnini	Redwall
orwood	Middle	DeChelly	DEVONIAN
ocene	Lower	White Rim	Upper
uchesne River	Emery	Organ Rock	Middle
nta	Blue Gate	Cedar Mesa	Lower
idger	Ferron	Halgaita Tongue	Ouray
een River	Frontier	Phosphoria	Elbert
arden gulch	Dakota	Park City	McCracken
oint 3	Burro Canyon	Rico (Goodridge)	Aneth
X marker	Cedar Mountain	Supai	Simonson Dolomite
J marker	Buckhorn	Wolfcamp	Sevy Dolomite
check	JURASSIC	CARBON I FEROUS	North Point
carbonate Bicarbonate	Morrison	Pennsylvanian	SILURIAN
carbonate B. limestone	Salt Wash	Oquirrh	Laketown Dolomite
carbonate CASHI peak	San Rafael Gr.	Weber	ORDOVICIAN
carbonate basal carb	Summerville	Morgan	Eureka Quartzite
orth Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
my	Curtis		CAMBRIAN
aleocene	Entrada	Pardox	Lynch
urrent Creek	Moab Tongue	Ismay	Bowman
orth Horn	Carmel	Desert Creek	Tapeats
RETACEOUS	Glen Canyon Gr.	Akah	Ophir
ontana	Navajo	Barker Creek	Tintic
esaverde	Kayenta		PRE - CAMBRIAN
rice River	Wingate	Cane Creek	
blackhawk	TRIASSIC		



June 25, 1996

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



ATTENTION: Wayne Bankert

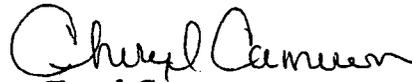
**Re: Tar Sands Federal #7-31
SW/NE Sec. 31, T8S, R17E
Duchesne County, Utah**

Dear Wayne,

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

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

Sincerely,


Cheryl Cameron

Regulatory Compliance Specialist

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

*/cb
Enclosures*

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

2. NAME OF OPERATOR
 Inland Production Company

3. ADDRESS OF OPERATOR
 P.O. Box 1446 Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface SW/NE
 At proposed prod. zone 1870' FEL & 1947' FNL

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

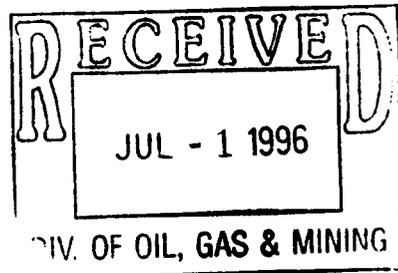
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)	1870'	16. NO. OF ACRES IN LEASE	1968.01	17. NO. OF ACRES ASSIGNED TO THIS WELL	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	1585'	19. PROPOSED DEPTH	6500'	20. ROTARY OR CABLE TOOLS	Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)				22. APPROX. DATE WORK WILL START*	
5298.4' GR				4th Qtr. 1996	

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.
 #7-31
 10. FIELD AND POOL, OR WILDCAT
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 31, T8S, R17E
 12. COUNTY OR PARISH
 Duchesne
 13. STATE
 Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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



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

24. SIGNED Brad Mechem TITLE District Operations Manager DATE 6/21/96
 (This space for Federal or State office use)

PERMIT NO. 43-013-31684 APPROVAL DATE _____
 APPROVED BY [Signature] TITLE _____ DATE 3/18/97
 CONDITIONS OF APPROVAL, IF ANY

*See Instructions On Reverse Side

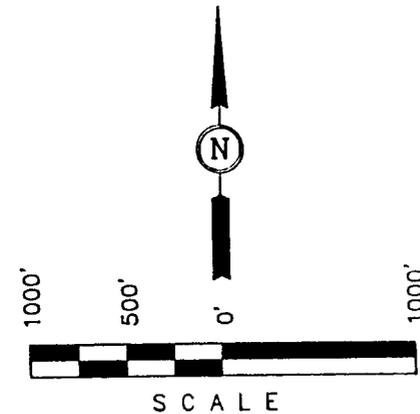
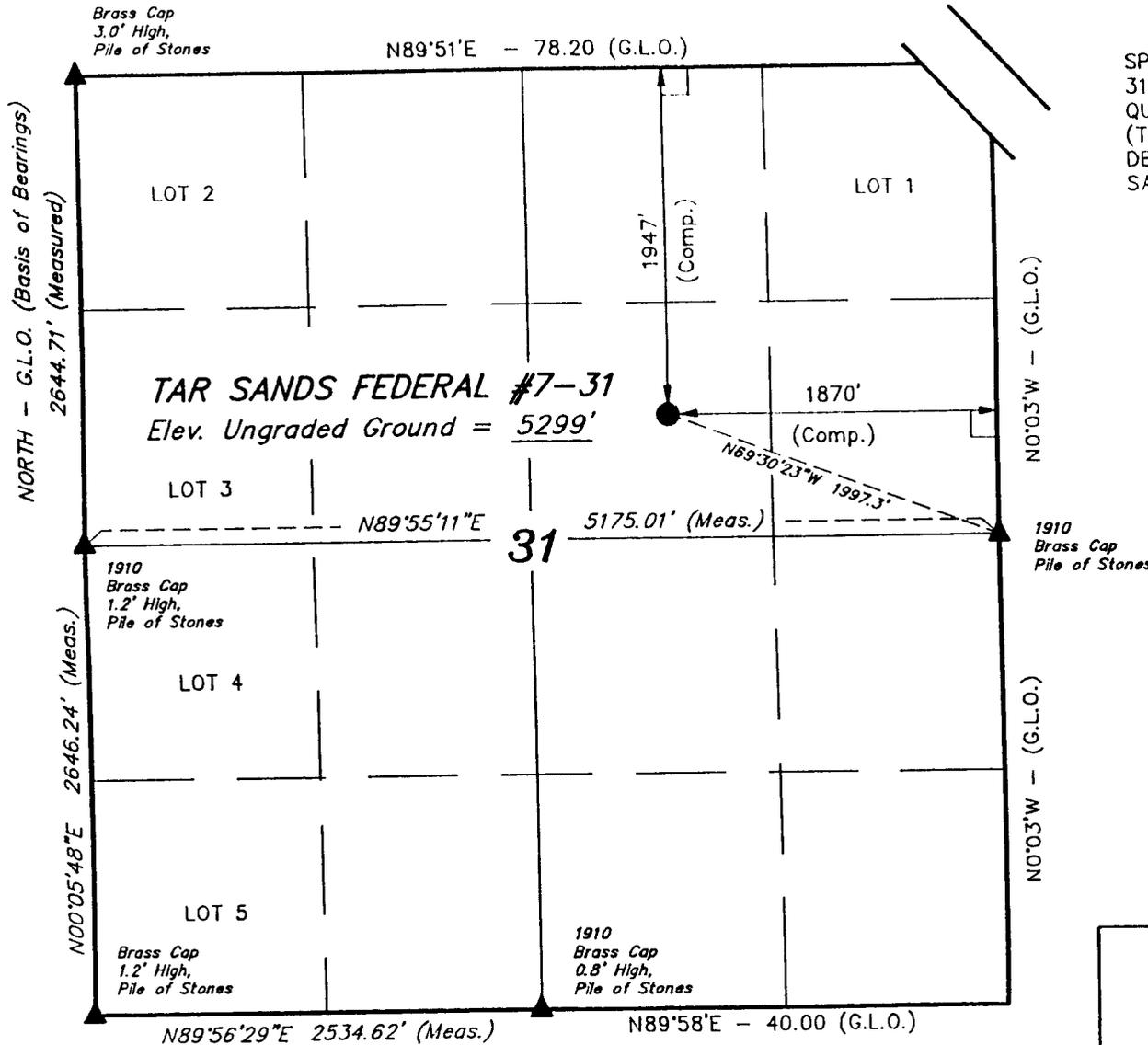
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

Well location, TAR SANDS FEDERAL #7-31,
located as shown in the SW 1/4 NE 1/4
of Section 31, T8S, R17E, S.L.B.&M.
Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION
31, 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 5301 FEET.



CERTIFICATE

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

Robert L Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 4-15-96	DATE DRAWN: 4-19-96
PARTY G.S. R.E. 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 #7-31
SW/NE SECTION 31, 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	6500'

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

Green River Formation 3050' - 6500' & Oil

4. PROPOSED CASING PROGRAM

8 5/8" J-55, 24# w/ ST&C collars; set at 300' (New)
7 7/8 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. Pressure test of BOPS's will be checked daily.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' \pm , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water 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 Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300' \pm , and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' \pm . The Cement Bond Log will be run from PBTB 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 bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence the fourth quarter of 1996 and take approximately six days to drill.

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #7-31
SW/NE SECTION 31, 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 #7-31 located in SW 1/4 NE 1/4 Section 31, T8S, R17E, S.L.B. & 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 9 miles to its junction with an existing dirt road to the west; proceed westerly along this road .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 SW 1/4 NE 1/4 Section 31, T8S, R17E, S.L.B., and proceeds in a northerly direction approximately .1 mile to the proposed location site.

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

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

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

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

3. **LOCATION OF EXISTING WELLS**

There are twelve (12) producing, four (4) injection and one (1) P&A Inland Production wells, four (4) producing, two (2) injection and one (1) P&A Balcron 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.

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, Travis and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Tar Sands Federal #7-31.

Existing water for this well will be trucked in 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 well bore. Any drilling fluids which do accumulate in the pit as a result of sale-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 an approved commercial disposal site, 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 water flood, for re injection into the water flood reservoirs via existing approved injection wells. Within ninety (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 northeast side between stakes 4 & 5.

There will be no flare pit on this location.

The stockpiled topsoil (first six (6) inches) will be stored on the southeast side between stakes 6 & 8, and on the northwest side between stakes 2 & 3.

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

Fencing Requirements

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

- a) 39 inch 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 must have all fluids and hydrocarbons removed.

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

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On BLM 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 BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

There are no dwellings or facilities in the general area. There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. The Cultural Resource Survey is attached.

Additional Surface Stipulations

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

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of the Tar Sands Federal #7-31, 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 #7-31, 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 BLM office at (801) 789-1362, 48 hours prior to construction activities.

The BLM 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 the Tar Sands Federal #7-31 SW/NE Sec. 31, 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.

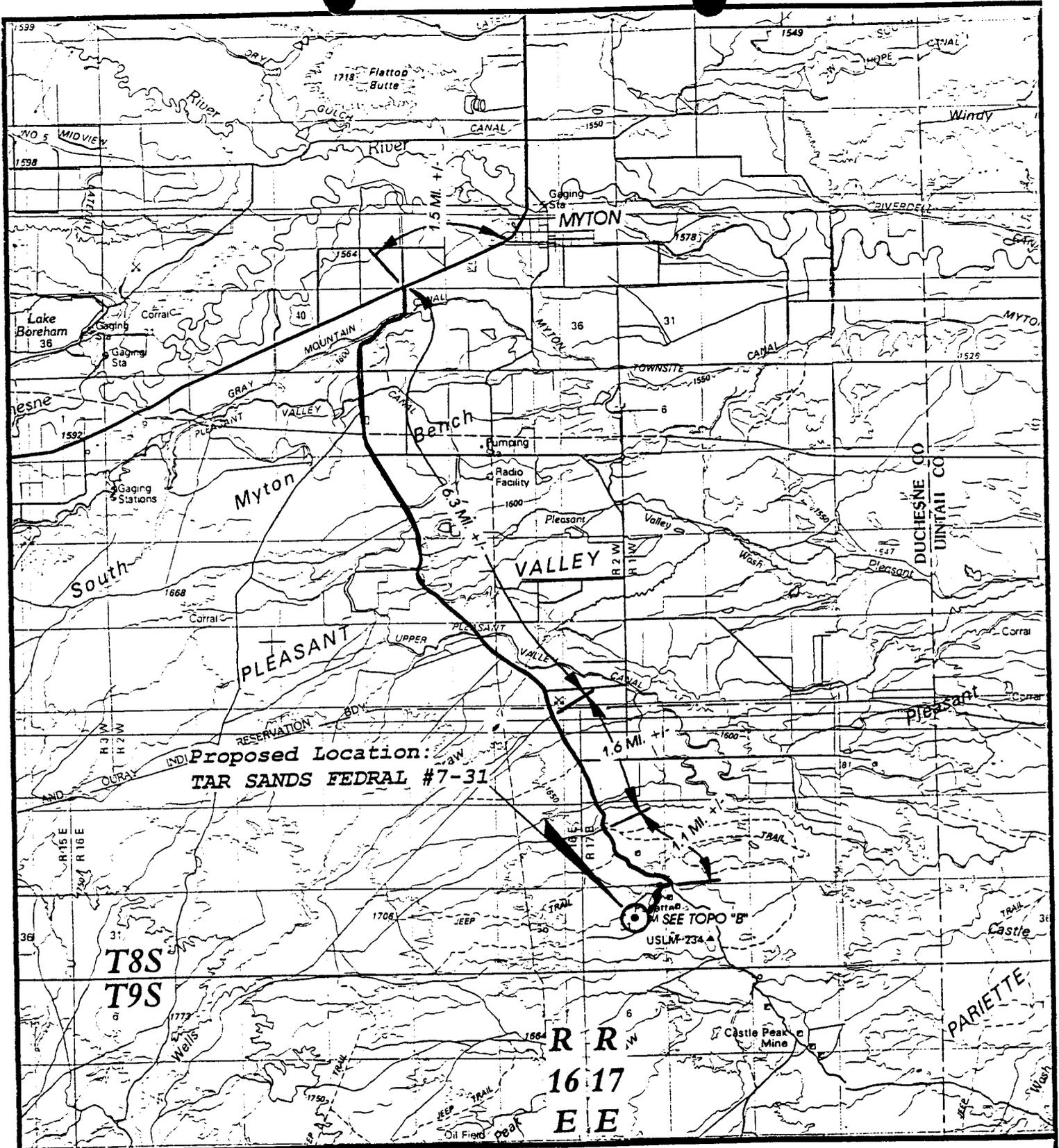
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with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

6-25-96

Date

Brad Mecham

Brad Mecham
District Operations Manager



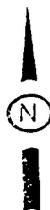
**TOPOGRAPHIC
MAP "A"**

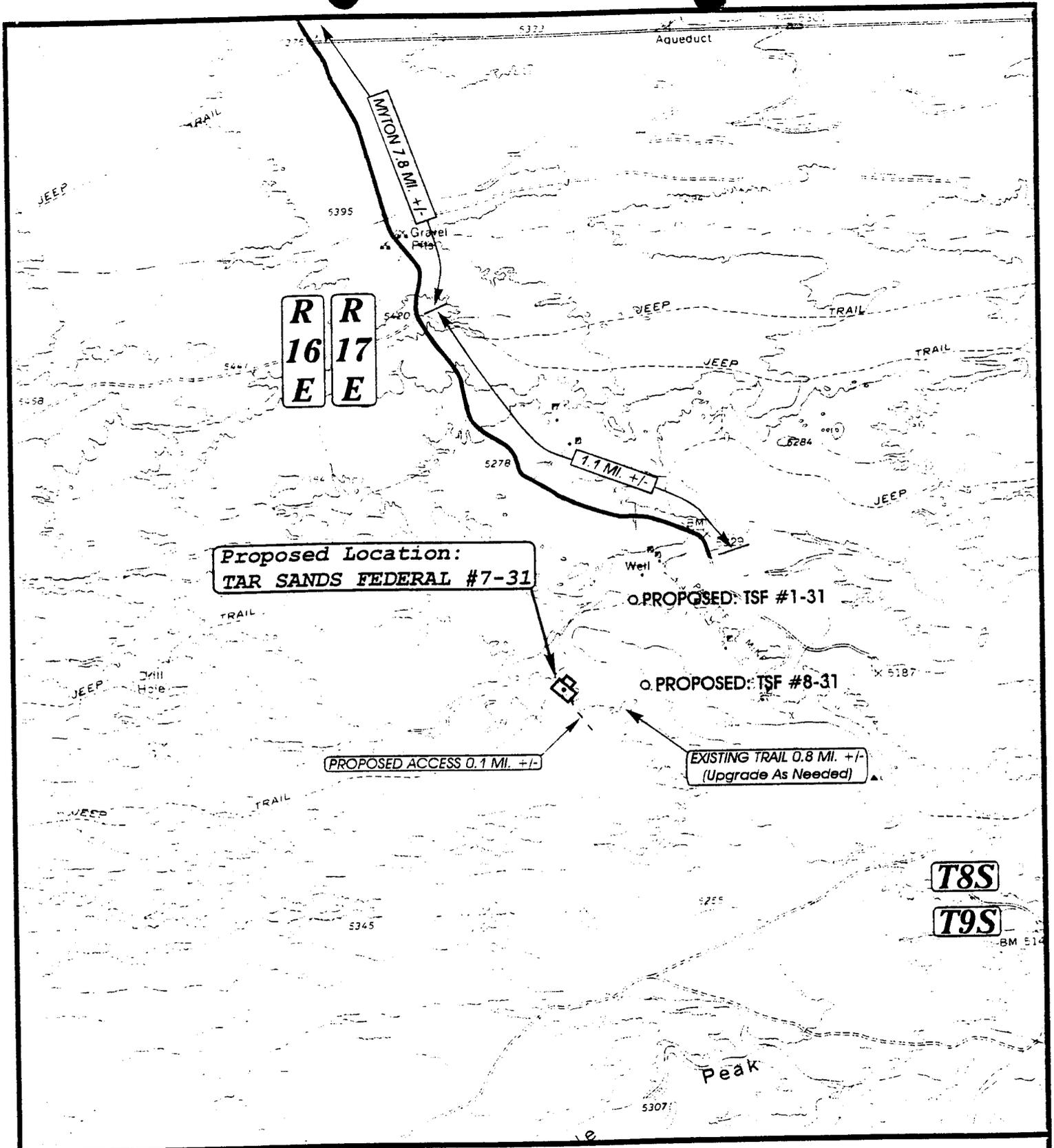
DATE: 4-19-96
Drawn by: D. COX

UINTEAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 780-1017

INLAND PRODUCTION CO.

TAR SANDS FEDERAL #7-31
SECTION 31, T8S, R17E, S.L.B.&M.
1947' FNL 1870' FEL





**TOPOGRAPHIC
MAP "B"**

DATE: 4-18-96
Drawn by: D.COX

INLAND PRODUCTION CO.
TAR SANDS FEDERAL #7-31
SECTION 31, T8S, R17E, S.L.B.&M.
1947' FNL 1870' FEL

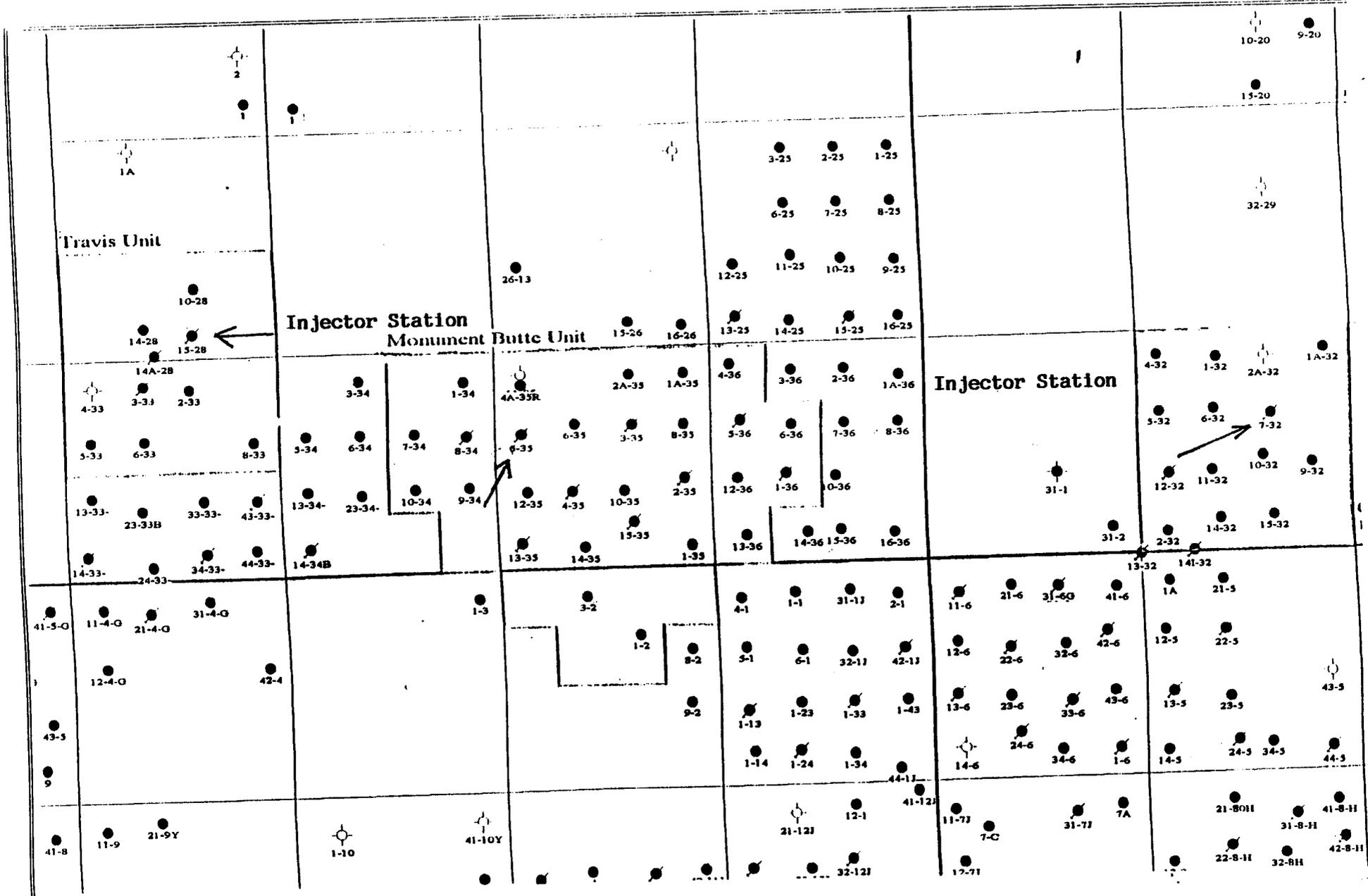


SCALE: 1" = 2000'



UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 780-1017

EXHIBIT "C"



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

Regional Area

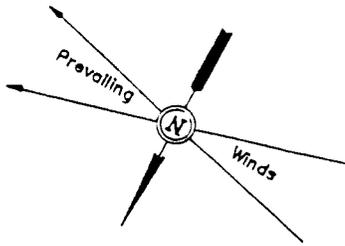
Duchesne Counties, Utah

Date: 3/7/96 J.A.

INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

TAR SAND FEDERAL #7-31
SECTION 31, T8S, R17E, S.L.B.&M.
1947' FNL 1870' FEL



SCALE: 1" = 50'
DATE: 4-19-96
Drawn By: D.R.B.

Handwritten signature

Proposed Access Road

C-1.1'
El. 299.5'

C-1.5'
El. 299.9'

C-3.8'
El. 302.2'

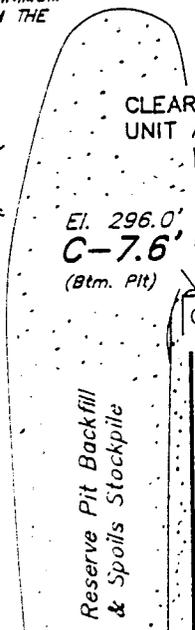


Sta. 2+90

NOTE:

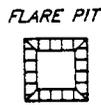
FLARE PIT IS TO BE LOCATED A MINIMUM OF 125' FROM THE WELL HEAD.

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

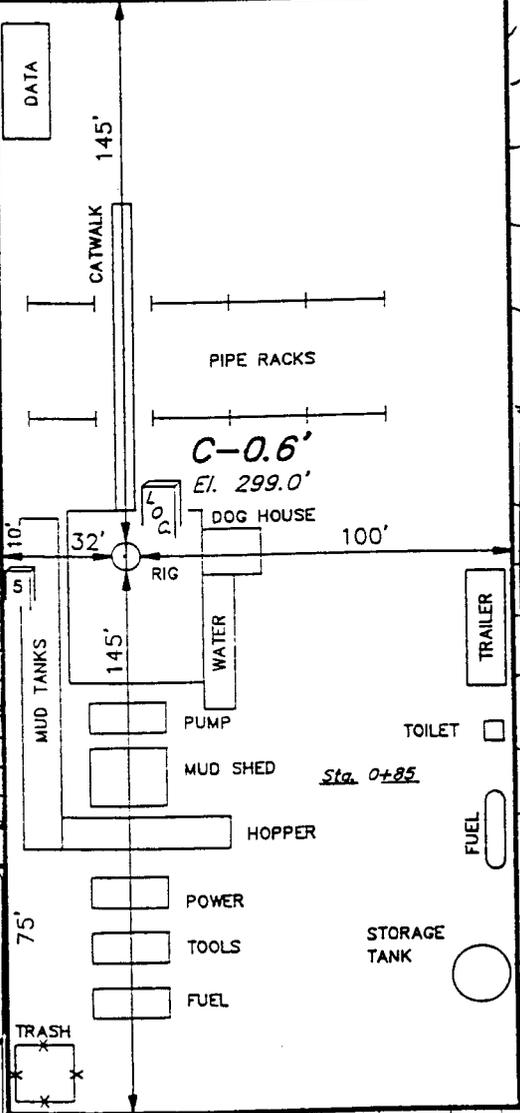


El. 296.0'
C-7.6'
(Btm. Pit)

El. 297.8'
F-0.6'



CLEARWATER UNIT AREA



El. 299.0'
C-0.6'

DOG HOUSE

RIG

WATER

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TOILET

TRAILER

STORAGE TANK

EXISTING BURIED PIPELINE (BALCRON)

PROPOSED PIPELINE (INLAND)

Sta. 1+45

El. 300.2'
C-1.8'

APPROX. TOP OF CUT SLOPE

Sta. 0+00

El. 297.9'
F-0.5'

C-1.3'
El. 299.7'

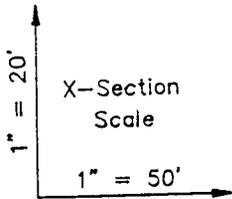
El. 301.3'
C-2.9'

Elev. Ungraded Ground at Location Stake = 5299.0'
Elev. Graded Ground at Location Stake = 5298.4'

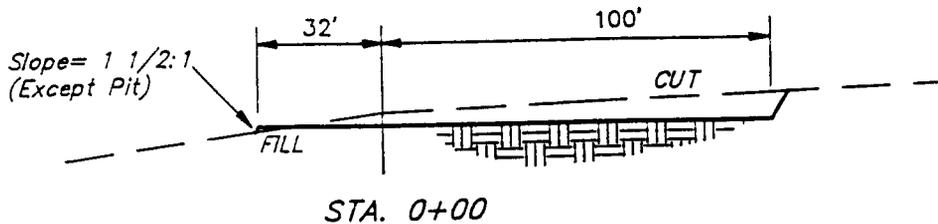
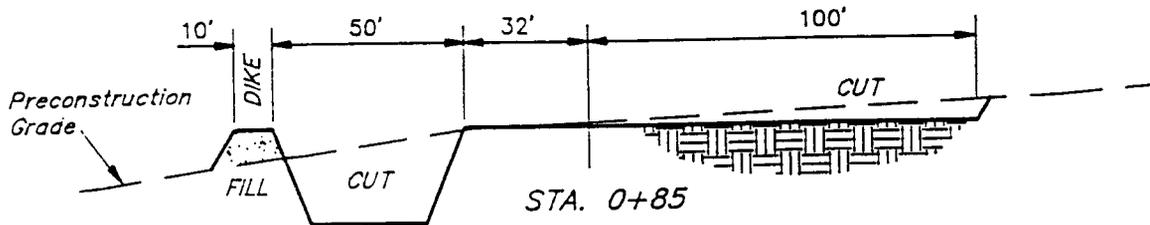
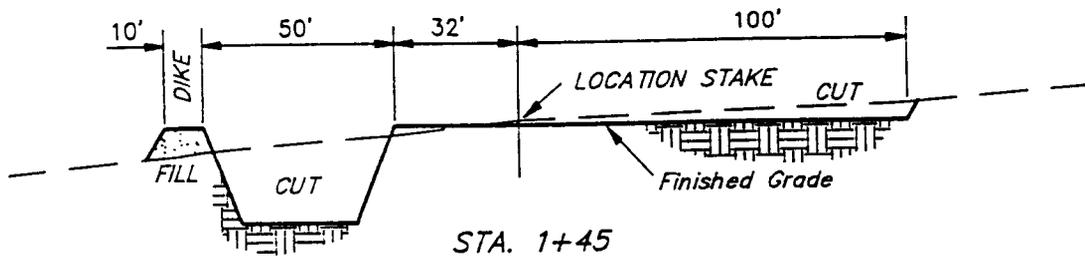
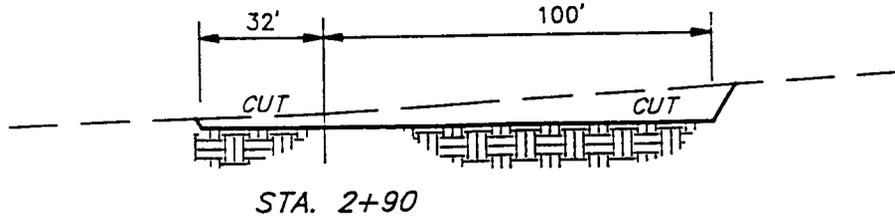
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

TAR SAND FEDERAL #7-31
SECTION 31, T8S, R17E, S.L.B.&M.
1947' FNL 1870' FEL



DATE: 4-19-96
Drawn By: D.R.B.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 780 Cu. Yds.
Remaining Location	= 2,150 Cu. Yds.
TOTAL CUT	= 2,930 CU.YDS.
FILL	= 430 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 2,480 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,240 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 1,240 Cu. Yds.

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

2-M SYSTEM

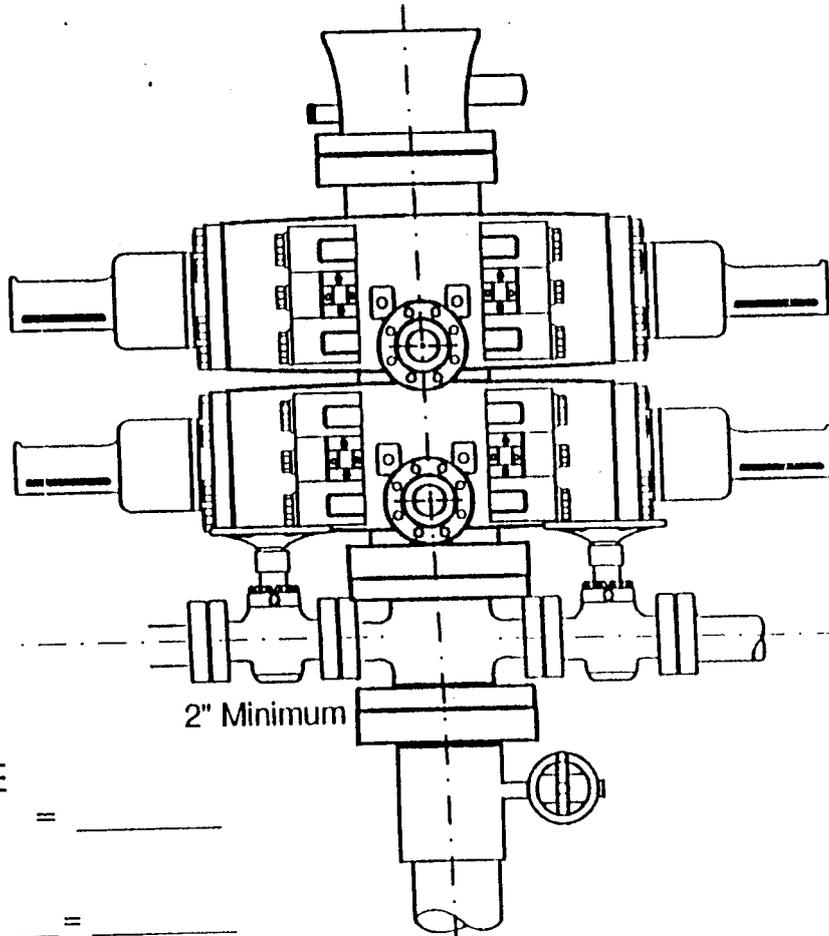
EXHIBIT F

RAM TYPE B.O.P.

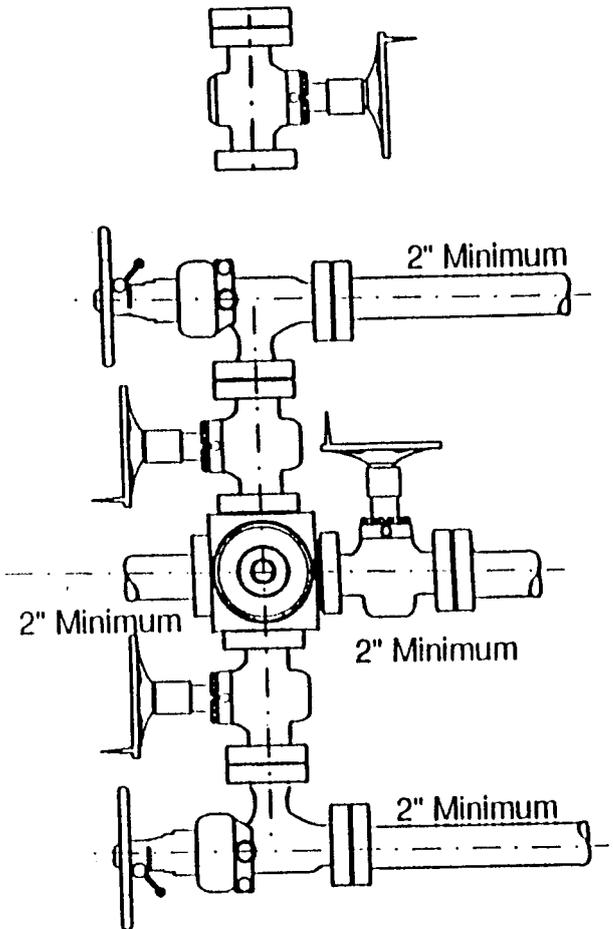
Make:

Size:

Model:



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)

**CULTURAL RESOURCE EVALUATION
OF FOUR PROPOSED WELL LOCATIONS WITH
ASSOCIATED ROAD & PIPELINE CORRIDOR COMPLEXES
IN THE CASTLE PEAK DRAW LOCALITY
OF DUCHESNE COUNTY, UTAH**

Report Prepared for **Inland Production Company**
Tar Sands Federal Units 2-31, 3-31, 6-31, & ~~3-31~~

Dept. of Interior Permit No.: UT-96-54937
AERC Project 1530 (IPC-96-1)

Utah State Project No.: UT-96-AF-235b

Principal Investigator
F. Richard Hauck, Ph.D.

Author of the Report
F. Richard Hauck



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)**

181 North 200 West, Suite 5
Bountiful, Utah 84011-0853

May 10, 1996

ABSTRACT

An intensive cultural resource evaluation has been conducted for Inland Production Company of four proposed well locations with associated access road and pipeline corridor complexes situated on federally administered lands located in the Castle Peak Draw locality of Uintah County, Utah. This evaluation includes Inland Production Company's Tar Sands Units 2-31, 3-31, 6-31, and 7-31 involving four ten acre survey parcels, 1.67 miles of pipeline, and .68 miles of access route corridor. The examinations covered a total of ca. 68.5 acres; 40 acres are associated with the four well locations, and 20.2 and 8.25 acres are respectively associated with the corridors. These evaluations were conducted by Glade Hadden and assistant James Merrell on May 6 and 7, 1996.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed well locations, access routes and pipeline corridors.

No newly identified historic or prehistoric cultural resource loci were identified or recorded during the evaluations of these proposed development areas.

No isolated artifacts were noted during the evaluations.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

TABLE OF CONTENTS

	page
Abstract	ii
Table of Contents	iii
List of Maps of the Project Area	iv
General Information	1
Project Location	1
Environmental Description	4
Previous Research in the Locality	4
File Search	4
Prehistory and History of the Project Area	5
Site Potential in the Project Development Zone	5
Field Evaluations	6
Methodology	6
Site Significance Criteria	6
Results of the Inventory	7
Conclusion and Recommendations	7
References	8

LIST OF MAPS

	page
MAP 1: General Project Locality in Duchesne County, Utah	2
MAP 2: Cultural Resource Survey of Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah	3

GENERAL INFORMATION

On May 6 and 7, 1996, AERC archaeologist Glade Hadden and assistant James Merrell conducted intensive cultural resource evaluations of four well locations and accompanying access route and pipeline complexes in the Castle Peak Draw locality of Duchesne County, Utah (see Maps 1 and 2). The purpose of this report is to detail the results of these evaluations, which include Tar Sands Units 2-31, 3-31, 6-31, and 7-3 (40 acres evaluated) a series of pipeline corridors totalling 1.67 miles in length (20.2 acres), and a series of access route corridors totalling .68 miles in length (8.25 acres). A total of 68.5 acres were examined for cultural resource presence. All the proposed development areas associated with these four well locations are situated on federal lands administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these four well locations and associated corridor complexes requires an archaeological evaluation in compliance with U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Bureau of Land Management, Vernal District Office and to the State Antiquities Section.

Project Location

The project location is in the Castle Peak Wash locality of Duchesne County, Utah. It is situated on the Myton SE 7.5 minute topographic quad. The proposed wells are in the following sections:

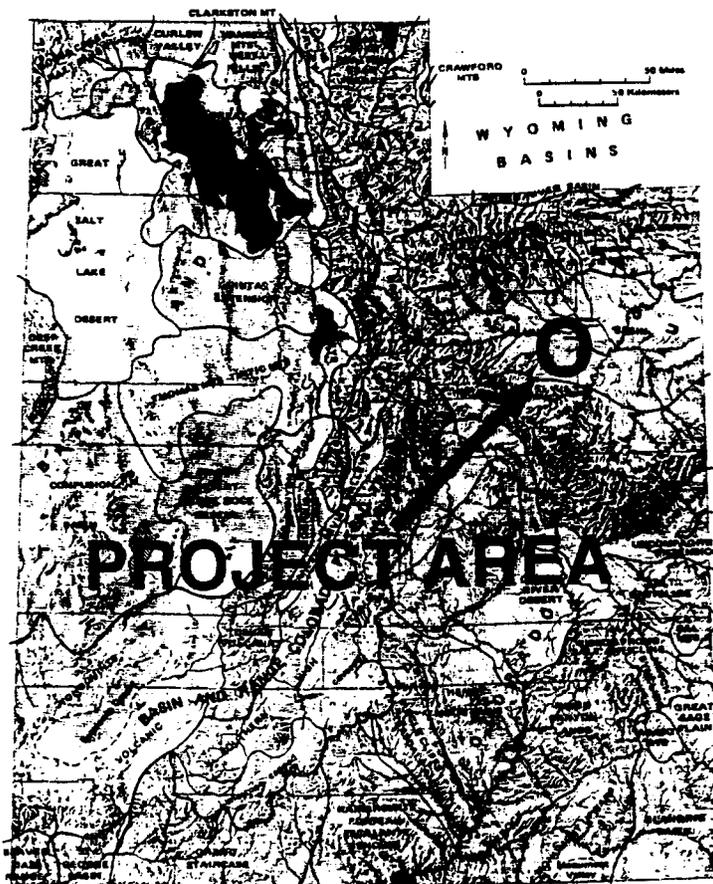
Tar Sands Unit 2-31 is in the northwest quarter of the northeast quarter of Section 31, Township 8 South, Range 17 East (Salt Lake B. & M.). An access route for this location extends to the southwest linking with Unit 6-31. Pipeline corridors associated with this unit extend to the south linking with Unit 7-31 and to the northwest through the southwest quarter of adjacent Section 30 to link with a location in the southeast quarter of Section 25, Township 8 South, Range 16 East.

Tar Sands Unit 3-31 is in the northeast quarter of the northwest quarter of Section 31, Township 8 South, Range 17 East (Salt Lake B. & M.). An access route for this location extends to the southeast linking with the access into Unit 2-31. Its proposed pipeline corridor extends to the south linking with Unit 6-31.

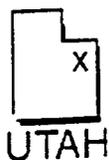
**MAP 1: GENERAL PROJECT LOCALITY
IN
DUCHESE COUNTY
UTAH**



PROJECT: IPC - 96 - 1
SCALE: see below
QUAD: see below
DATE: May 10, 1996



UTAH GEOLOGICAL AND MINERAL SURVEY
MAP 43 1977
PHYSIOGRAPHIC SUBDIVISIONS OF UTAH
BY W.L. STOKES

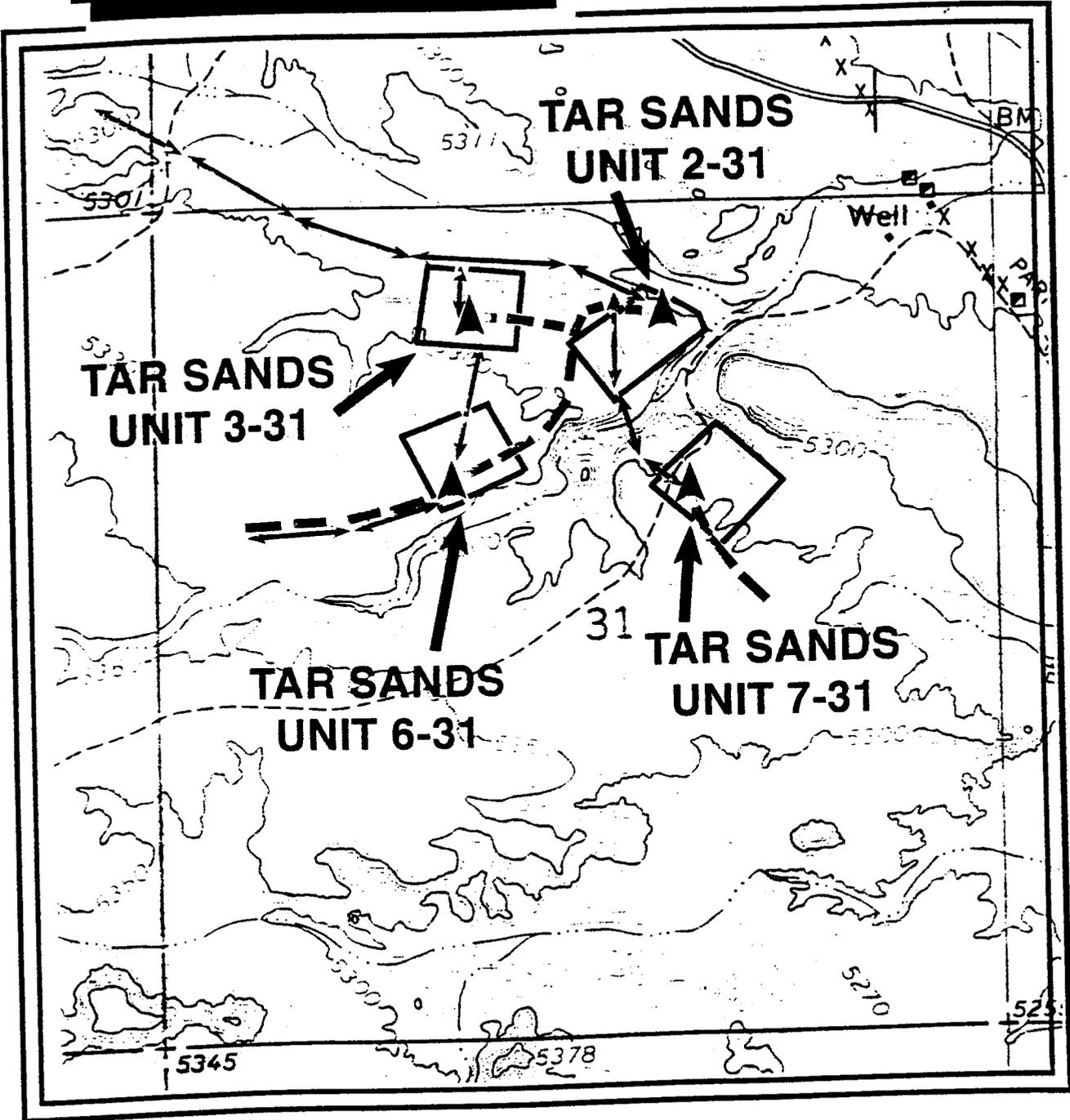


**TOWNSHIP: MULTIPLE
RANGE: MULTIPLE
MERIDIAN: SALT LAKE & UINTAH B. & M.**

**MAP 2: CULTURAL RESOURCE SURVEY
 OF PROPOSED WELL LOCATIONS IN
 THE CASTLE PEAK DRAW
 LOCALITY OF DUCHESNE COUNTY,
 UTAH**



PROJECT: IPC - 96 - 1
SCALE: 1: 24,000
QUAD: Myton SE. Utah
DATE: May 10, 1996



TOWNSHIP: 8 South
RANGE: 16 & 17 East
MERIDIAN: Salt Lake B. & M.

LEGEND

- Well Location
- Access Route
- Survey Area
- Pipeline Corridor

Tar Sands Unit 6-31 is in the southeast quarter of the northwest quarter of Section 31, Township 8 South, Range 17 East (Salt Lake B. & M.). The access route for this unit extends to the west linking with Unit 5-31 in the southwest quarter of the northwest quarter of Section 31.

Tar Sands Unit 7-31 is in the southwest quarter of the northeast quarter of Section 31, Township 8 South, Range 17 East (Salt Lake B. & M.). The access corridor for this unit extends to the southeast for a short distance linking with an existing trail that junctions to the northeast with the county road. An existing pipeline parallels the southwestern periphery of the well location.

Environmental Description

The project area is within the 5300 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lakebed surfaces are associated with the project area.

The vegetation in the project area includes *Chrysothamnus* spp., *Artemisia* spp., *Sarcobatus vermiculatus*, *Ephedra viridis*, *Cercocarpus* spp., *Atriplex canescens*, and a variety of grasses.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on May 6, 1996. A similar search was conducted in the Vernal District Office of the BLM on May 3, 1996. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Monument Buttes / Castle Peak Draw locality. Many of these prehistoric resources were identified and recorded by AERC during the Mapco River Bend survey (Hauck and Norman 1980). Other sites have been located and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf., Fike and Phillips 1984, Hauck and Weder 1989, Hauck and Hadden 1993, 1994, 1995). Archaeological evaluations that previously have been conducted within the present project area include Blaine Phillips 1987 inventory of various erosion control dam sites including one site adjacent to the proposed location for Unit 2-31 (Phillips 1987). In 1992, F.R. Hauck also examined a proposed Balcron pipeline that passed through the location adjacent to Unit 2-31 (Hauck 1992d). No cultural resources were identified and recorded during either survey.

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage -- with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "Tap and Test" variety, and extend for tens or hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to four sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologist walking a series of 15 to 20 meter-wide transects within the various ten acre parcels associated with the four well locations and within the 100 foot-wide roadway and pipeline corridors centered on the various flagged centerlines as shown on Map 2. Thus, ca. 68.5 acres were inventoried relative to these proposed development complexes.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms.

In certain instances, the cultural sites are then evaluated for depth potential utilizing AERC's portable Ground Penetrating Radar (GPR) computerized system (SIR-2 manufactured by Geophysical Survey Systems, Inc. [GSSI] of North Salem, New Hampshire). GPR was not used during this project.

Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

No newly identified prehistoric cultural resource activity loci were observed and recorded during the archaeological evaluations of the proposed well locations and associated roadway and pipeline corridors.

No previously identified and recorded significant, National Register eligible sites were noted during the survey.

No diagnostic isolated artifacts were observed and recorded during the evaluations.

CONCLUSION AND RECOMMENDATIONS

No cultural resources will be adversely impacted during the development and operation of these four Tar Sands units (2-31, 3-31, 6-31, and 7-31) or their respective access and pipeline complexes.

AERC recommends that a cultural resource clearance be granted to Inland Production Company relative to the development of these proposed facilities based upon adherence to the following stipulations:

1. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways;
2. all personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area; and
3. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.
President and Principal
Investigator

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- 1996c Cultural Resource Evaluation of Two Proposed Well Locations in the Castle Peak Draw Locality - Big Wash Locality of Duchesne and Uintah Counties, Utah. Report prepared for Balcron Oil Company, BLCR-95-8C, Archeological-Environmental Research Corporation, Bountiful.

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Phillips III, Blaine

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Stokes, W.L.

1977 Physiographic Subdivisions of Utah. Map 43, Utah Geological and Mineral Survey, Salt Lake City.

Report Acceptable Yes ___ No ___

Mitigation Acceptable Yes ___ No ___
Comments: _____

Summary Report of
Inspection for Cultural Resources

FOUR WELL LOCATIONS IN THE CASTLE
PEAK DRAW LOCALITY COUNTY

1. Report Title Inland Production Company

2. Development Company _____

3. Report Date 0 5 10 1 9 9 6 4. Antiquities Permit No. UT-96-54937

5. Responsible Institution A E R C IPC - 96 - 1 Duchesne County

6. Fieldwork Location: TWN .0.8.S. . RNG .1.7.E. . Section.30,31.
TWN .0.8.S. . RNG .1.6.E. . Section 25

7. Resource Area .SM.

8. Description of Examination Procedures: The archeologist Glade Hadden and assistant James Merrell intensively examined the proposed well locations and associated access & pipeline corridors by walking 10 to 15 meter-wide transects in the ten acre parcels and within the 100 foot-wide corridors on either side of the flagged center-line.

9. Linear Miles Surveyed 2 . 3 5 10. Inventory Type I
and/or Definable Acres Surveyed R = Reconnaissance
and/or Legally Undefinable Acres Surveyed 6 8 . 5 I = Intensive
S = Statistical Sample

11. Description of Findings: No archaeological sites were identified and recorded during this survey. 12. Number Sites Found .0. (No sites = 0)
13. Collection: .N. (Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected: The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 5-6-96 Vernal BLM 5-3-96

16. Conclusion/ Recommendations: AERC recommends that a cultural resource clearance be granted to Inland Production Company for these proposed developments based on the following stipulations: (see reverse)

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas, well pads and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

2. All personnel should ^{refrain from} disturbing any significant cultural resources in the area.

3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

17. Signature of Administrator & Field Supervisor

Administrator:



Field
Supervisor:

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/01/96

API NO. ASSIGNED: 43-013-31684

WELL NAME: TAR SANDS FEDERAL #7-31
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:

SWNE 31 - T08S - R17E
 SURFACE: 1947-FNL-1870-FEL
 BOTTOM: 1947-FNL-1870-FEL
 DUCHESNE COUNTY
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED
 LEASE NUMBER: U - 74869

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal State Fee
 (Number 4488944)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
 (Number INJECTION WELL 7-32)
- RDCC Review (Y/N)
 (Date: _____)

LOCATION AND SITING:

- _____ R649-2-3. Unit: _____
- R649-3-2. General.
- _____ R649-3-3. Exception.
- _____ Drilling Unit.
- _____ Board Cause no: _____
- _____ Date: _____

COMMENTS: _____

STIPULATIONS: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Inland Production Company

3. ADDRESS OF OPERATOR
P.O. Box 1446 Roosevelt, Utah 84066

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface SW/NE **RECEIVED**
 At proposed prod. zone 1870' FEL & 1947' FNL **JUN 28 1996**

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1870'

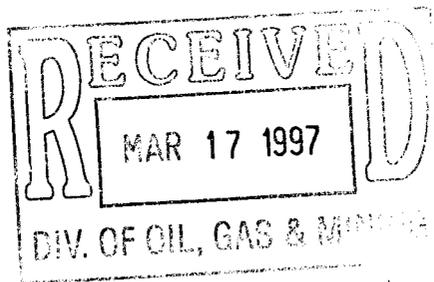
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1585'

21. ELEVATIONS (Show whether DF, BT, GR, etc.)
5298.4' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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



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

SIGNED Brad Mechem TITLE District Operations Manager DATE 6/21/96
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE MAR 13 1997
 APPROVED BY [Signature] TITLE Assistant Field Manager
 CONDITIONS OF APPROVAL, IF ANY: Mineral Resources DATE _____

CONDITIONS OF APPROVAL ATTACHED

DOG M
NOTICE OF APPROVAL

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Federal 7-31

API Number: 43-013-31684

Lease Number: U - 74869

Location: SWNE Sec. 31 T. 8S R. 17E

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

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

2. Pressure Control Equipment

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

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

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

3. Casing Program and Auxiliary Equipment

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

If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

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

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

5. .Coring, Logging and Testing Program

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

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

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office. A Sonic log will be run from TD to a minimum of 200 ft above the top of the Mahogany oil shale.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

Ed Forsman (801) 789-7077
Petroleum Engineer

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

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

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

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

-The topsoil will be windrowed along both ends of the location.

Ferruginous Hawk

1. No new construction or surface disturbing activities will be conducted within a 0.5 mile radius of an inactive nest. This COA may be modified based on one or more of the following mitigative opportunities:
 - a. The nest has showed no signs of breeding/nesting activity for a least two consecutive breeding seasons or,
 - b. The biologist has determined that the nests in question are in such poor condition that monitoring the nests for two breeding seasons is not necessary.
 - c. Artificial Nesting Platforms will be constructed and placed by the operator. Up to 3 platforms will be constructed for each natural nest involved in mitigation. The BLM AO will determine the placement of the platforms.
2. From May 30 through February 28, new construction or surface-disturbing activities will be conducted within a 0.5 mile of an inactive nest subject to the following restrictions:
 - a. Where possible, well pads proposed for construction within 0.25 miles of an inactive nest will be placed where permanent facilities will not be visible from the nest. Access roads to well pads will be designed to avoid line-of-sight visibility from inactive nests to the maximum extent practical.
 - b. Wells proposed within 0.5 miles of an inactive nest will be either converted to injection wells or equipped with muffled multi-cylinder engines or with equipment of comparable quietness.
3. Road access from the main road will be limited to a single-lane improved road for each well. During normal operations human access to injection wells will be limited to 4 trips per month by a single lease operator driving a full size pickup. Human access to producing wells will be limited to 1 trip per day by a single lease operator driving a full-size pickup.
4. Storage tanks and heater-treaters for new wells will be positioned at least 0.5 mile from the inactive nest in common tank/treater batteries or will use an existing facility. No crude oil haul/tanker trucks will enter the 0.5 mile radius from an inactive nest.



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)

March 18, 1997

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

Re: Tar Sands Federal 7-31 Well, 1947' FNL, 1870' FEL, SW NE,
Sec. 31, 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 43-013-31684.

Sincerely,

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

R. J. Firth
Associate Director

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

Operator: Inland Production Company
Well Name & Number: Tar Sands Federal 7-31
API Number: 43-013-31684
Lease: U-74869
Location: SW NE Sec. 31 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 R. J. Firth (801)538-5274 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.

INLAND PRODUCTION CO. TEL: 801-722-5103 Jun 25, 97 12:10 No. 004 P. 02

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company

OPERATOR ACCT. NO. # 5160

ADDRESS P O Box 790233

VERMILION UT 84079

ACTION CODE	EXISTING ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					Q1	SC	TR	RG			
A	99999	12149	43-013-31684	Tar Sands Federal #7-31	SWNE	31	8S	17E	Duchesne	6/23/97	6/23/97
WELL 1 COMMENTS: <i>Entity added 7-1-97. Jee Dry Spud -</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3 89)

Cheryl Cameron
 Signature Cheryl Cameron
 RCS 6/25/97
 Title Date
 Phone No. (801) 789-1866

Facsimile Cover Sheet

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

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

Date: 6/25/97

**Pages including this
cover page: 2**

**Comments: Entity Action Form 6 for the Tar Sands Federal
#7-31.**

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: TAR SANDS FEDERAL 7-31

Api No. 43-013-31684

Section: 31 Township: 8S Range: 17E County: DUCHESNE

Drilling Contractor _____

Rig # _____

SPUDDED:

Date 6/23/97

Time _____

How DRY HOLE

Drilling will commence _____

Reported by FAX

Telephone # _____

Date: 7/2/97 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

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)
**SW/NE
Sec. 31, 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 #7-31

9. API Well No.
43-013-31684

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

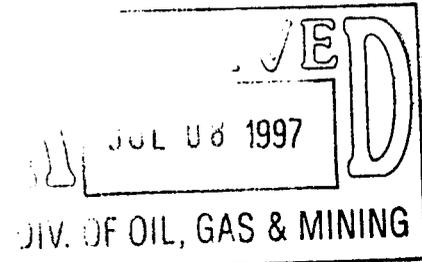
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> 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>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 to 305' w/ Leon Ross rathole rig. Run 302.65' of 8 5/8" 24# ST&C csg. Pump 10 bbls dye wtr & 10 bbls gel. Cmt w/ 120 sx Prem + w/ 2% CC, 2% gel, 1/4#/sk flocele mixed @ 14.8 ppg w/ 1.37 ft/sk yield. Good returns w/ 6 bbls cmt to surface.

SPUD SURFACE HOLE @ 2:45 PM 6/23/97.



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

Signed *Cheryl Cameron* Title **Regulatory Compliance Specialist** Date **6/27/97**
Cheryl Cameron

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas well Other

2. Name of Operator
Inland Production Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**SW/NE
Sec. 31, 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 #7-31

9. API Well No.
43-013-31684

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

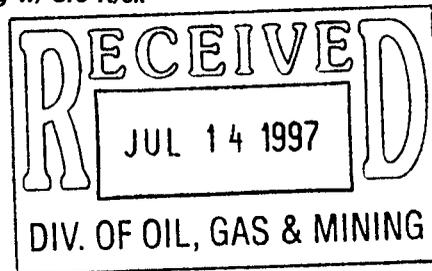
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	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Weekly Status</u>	<input type="checkbox"/> Dispose Water

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

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

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

Drilled 7 7/8" hole from 305' - 6170' w/ Four Corners, Rig #6. Set 6180.51' of 5 1/2" 15.5# J-55 LT&C csg. Pumped 20 bbls dye wtr & 20 bbls gel. Cmt w/ 360 sx Hibond 65 Mod, 11.0 ppg w/ 3.0 ft/sk yield. Followed w/ 340 sx Thixo w/ 10% CalSeal, 14.2 ppg w/ 1.59 ft/sk yield. Good returns. No dye wtr to surface. Released rig @ 4:15 pm 7/7/97. RDMOL.



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

Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 7/11/97
Cheryl Cameron

(This space of Federal or State office use.)

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

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

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

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

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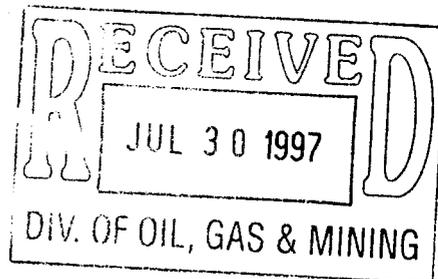
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	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Weekly Status</u>	<input type="checkbox"/> Dispose Water

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

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

WEEKLY STATUS REPORT FOR WEEK OF 7/16/97 - 7/24/97:

Perf CP sd 5833'-5841', 5844'-5846', 5936'-5942'
Perf A sd 5316'-5322', 5326'-5335', 5360'-5372', 5376'-5384', 5390' -5392' ,
5396'-5401', 5404'-5411', 5414'-5418'
Perf D/C/B sd 4884'-4886', 4932'-4937', 4942'-4947', 5034'-5046'
Perf PB sd 4599'-4606'



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

Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 7/25/97
Cheryl Cameron

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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)

SW/NE Sec. 31, 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 #7-31

9. API Well No.

43-013-31684

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

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

TYPE OF ACTION

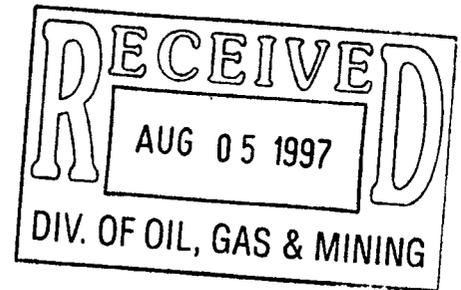
- [] Abandonment [] Change of Plans [] Recompletion [] New Construction [] Plugging Back [] Non-Routine Fracturing [] Casing repair [] Water Shut-off [] Altering Casing [] Conversion to Injection [X] Other Weekly Status [] Dispose Water

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

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

WEEKLY STATUS REPORT FOR WEEK OF 7/25/97 - 7/31/97:

RIH w/ production string. On production @ 10:30 am 7/31/97.



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

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-3137
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.
#7-31

10. FIELD AND POOL, OR WILDCAT

Monument Butte

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

Sec. 31, T8S R17E

12. COUNTY OR
PARISH
Duchesne

13. STATE
UT

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

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

2. NAME OF OPERATOR
Inland Production Company

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

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

At surface SW/NE
At top prod. interval reported below 1870' FEL & 1947' FNL
At total depth

14. PERMIT NO. 43-013-31684 DATE ISSUED 3/14/97

15. DATE SPUDDED 6/23/97 16. DATE T.D. REACHED 7/6/97 17. DATE COMPL. (Ready to prod.) 7/31/97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5298.4' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6170' 21. PLUG BACK T.D., MD & TVD 6131.52' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY X ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Green River
5833'-5841', 5844'-5846', 5936'-5942', 5316'-5322', 5326'-5335', 5360'-5372',
5376'-5384', 5390'-5392', 5396'-5401', 5404'-5411', 5414'-5418', 4884'-4886',
4932'-4937', 4942'-4947', 5034'-5046', 4599'-4606' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, DLL, CNL 9-3-97 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	302.65	12 1/4	120 sx Prem + w/ 2% CC + 1/2#/sk flocele	
5 1/2	15.5#	6180.51	7 7/8	360 sx Hibond 65 Mod & 340 10% CalSeal	sx Thixo w/

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

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CP A	5833'-5841'	5844'-5846'	5936'-5942'	See Back	
	5316'-5322'	5326'-5335'	5360'-5372'		
	5376'-5384'	5390'-5392'	5396'-5401'		
	5404'-5411'	5414'-5418'			
D/C/B	4884'-4886'	4932'-4937'	4942'-4947'		
	5034'-5046'	PB 4599'-4606'			

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
7/31/97		Pumping - 2 1/2" X 1 1/2" X 15 1/2" 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	8/97	N/A		247	240	16	.972
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
Cheryl Cameron

TITLE Regulatory Compliance Specialist

DATE 8/27/97

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	4193'					
Point 3 Mkr	4460'					
X Mkr	4691'					
Y Mkr	4737'					
Douglas Ck Mkr	4848'					
BiCarbonate Mkr	5086'					
B Limestone Mkr	5204'					
Castle Peak	5720'					
Basal Carbonate	NDE					
			#32. Perf CP sd 5833'-5841', 5844'-5846', 5936'-5942' Frac w/ 96,000# 20/40 sd in 519 bbls boragel			
			Perf A sd 5316'-5322', 5326'-5335', 5360'-5372', 5376'-5384', 5390'-5392', 5396'-5401', 5404'-5411', 5414'-5418' Frac w/ 149,200# 20/40 sd in 694 bbls boragel			
			Perf D/C/B sd 4884'-4886', 4932'-4937', 4942'-4947', 5034'-5046' Frac w/ 137,700# 20/40 sd in 650 bbls boragel			
			Perf PB sd 4599'-4606' Frac w/ 73,600# 20/40 sd in 398 bbls boragel			



March 10, 1998

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

RE: Permit Application for Water Injection Well
Tar Sands Federal #7-31
Monument Butte Field, Sand Wash Unit, Lease #U-74869
Section 30-Township 8S-Range 17E
Duchesne County, Utah

Dear Mr. Jarvis:

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

1. Conversion of the Tar Sands Federal #7-31 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 #7-31 well and run approximately 2640' in a northwesterly direction, and tie into an existing line. The line would be a 3" coated steel pipe, buried 5' below the surface.

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

Sincerely,

John E. Dyer
Chief Operating Officer

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
SAND WASH UNIT
TAR SANDS FEDERAL #7-31
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #U-74869
MARCH 10, 1998

TABLE OF CONTENTS

LETTER OF INTENT
COVER PAGE
TABLE OF CONTENTS
UIC FORM 1 – APPLICATION FOR INJECTION WELL
WELLBORE DIAGRAM OF PROPOSED INJECTION
WORK PROCEDURE FOR INJECTION CONVERSION
COMPLETED RULE R615-5-1 QUESTIONNAIRE
COMPLETED RULE R615-5-2 QUESTIONNAIRE
ATTACHMENT A ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1 WELL LOCATION PLAT
ATTACHMENT B LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT D LOCATION OF EXISTING AND PROPOSED WATERLINES
ATTACHMENT E WELLBORE DIAGRAM – TAR SANDS FEDERAL #7-31
ATTACHMENT E-1 WELLBORE DIAGRAM – TAR SANDS FEDERAL #1-31
ATTACHMENT E-2 WELLBORE DIAGRAM – TAR SANDS FEDERAL #2-31
ATTACHMENT E-3 WELLBORE DIAGRAM – TAR SANDS FEDERAL #3-31
ATTACHMENT E-4 WELLBORE DIAGRAM – TAR SANDS FEDERAL #6-31
ATTACHMENT E-5 WELLBORE DIAGRAM – TAR SANDS FEDERAL #8-31
ATTACHMENT E-6 WELLBORE DIAGRAM – TAR SANDS FEDERAL #9-31
ATTACHMENT E-7 WELLBORE DIAGRAM – GOVERNMENT #31-1
ATTACHMENT E-8 WELLBORE DIAGRAM – TAR SANDS FEDERAL #15-30
ATTACHMENT E-9 WELLBORE DIAGRAM – GILSONITE STATE #5-32
ATTACHMENT F WATER ANALYSIS OF THE FLUID TO BE INJECTED
ATTACHMENT F-1 WATER ANALYSIS OF THE FLUID IN THE FORMATION
ATTACHMENT F-2 WATER ANALYSIS OF THE COMPATIBILITY OF THE FLUIDS
ATTACHMENT G FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1 FRACTURE REPORT DATED 7-19-97
ATTACHMENT G-2 FRACTURE REPORT DATED 7-22-97
ATTACHMENT G-3 FRACTURE REPORT DATED 7-24-97
ATTACHMENT G-4 FRACTURE REPORT DATED 7-26-97
ATTACHMENT H WORK PROCEDURE FOR PROPOSED PLUGGING AND
ABANDONMENT
ATTACHMENT H-1 WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

Tar Sands Federal #7-31

Spud Date: 7/2/97
 Put on Production: 7/31/97
 GL: 5298' KB: 5310'

Initial Production: 247 BOPD,
 240 MCFPD, 16 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (302.65')
 DEPTH LANDED: 304 45'(GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 146 jts. (6180.51')
 DEPTH LANDED: 6164.75'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 360 sk HiBond mixed & 340 sxs thixotropic
 CEMENT TOP AT: 1305' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"/M-50/6.5#
 NO. OF JOINTS: 194 jts.
 TUBING ANCHOR: 5808'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 6034'
 SN LANDED AT: 5965'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 4-1" scapered, 5-7/8" plain rods, 130-3/4" plain, 99-3/4" scapered
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2 x 1-1/2 x 15-1/2" RHAC pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 8 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

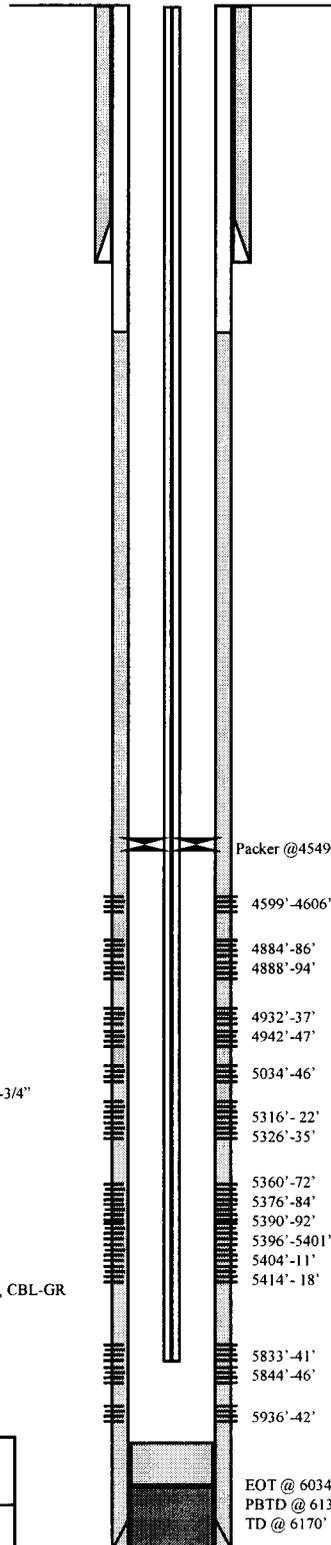
FRAC JOB

7/18/97 5833'-5942' **Frac CP-2 & CP-3 sands as follows:**
 96,000# of 20/40 sand in 519 bbls of Boragel. Perfs Broke down @ 2537 psi. Treated @ avg press of 1300 psi w/avg rate of 26.5 bpm. ISIP-1835 psi, 5-min 1763 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

7/21/97 5316'-5418' **Frac A-3 sands as follows:**
 149,200# of sand in 694 bbls of Boragel. Perfs brokedown @ 2106 psi. Treated @ avg press of 1550 psi w/avg rate of 45 bpm. ISIP-1958 psi, 5-min 1817 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

7/23/97 4884'-5046' **Frac D-1, D-2 & C sands as follows:**
 137,700# of 20/40 sand in 650 bbls of Boragel. Perfs brokedown @ 2459 psi, then again @ 2896 psi @ 10.6 bpm. Treated @ avg press of 2200 psi w/avg rate of 36 bpm. ISIP-3204 psi, 5-min 3089 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

7/24/97 4599'-4606' **Frac PB-10 sands as follows:**
 73,600# of 20/40 sand in 398 bbls of Boragel. Perfs brokedown @ 2795 psi. Treated @ avg press of 2231 w/avg rate of 22.2 bpm. ISIP-3206 psi, 5-min 3125 psi. Flowback on 12/64" ck for 3-1/2 hours and died.



PERFORATION RECORD

7/17/97	5833'-5841'	4 JSPF	32 holes
7/17/97	5844'-5846'	4 JSPF	8 holes
7/17/97	5936'-5942'	4 JSPF	24 holes
7/19/97	5316'-5322'	2 JSPF	12 holes
7/19/97	5326'-5335'	2 JSPF	18 holes
7/19/97	5360'-5372'	2 JSPF	24 holes
7/19/97	5376'-5384'	2 JSPF	16 holes
7/19/97	5390'-5392'	2 JSPF	4 holes
7/19/97	5396'-5401'	2 JSPF	10 holes
7/19/97	5404'-5411'	2 JSPF	14 holes
7/19/97	5414'-5418'	2 JSPF	8 holes
7/22/97	4884'-4886'	4 JSPF	8 holes
7/22/97	4888'-4894'	4 JSPF	24 holes
7/22/97	4932'-4937'	4 JSPF	20 holes
7/22/97	4942'-4947'	4 JSPF	20 holes
7/22/97	5034'-5046'	4 JSPF	48 holes
7/24/97	4599'-4606'	4 JSPF	28 holes

EOT @ 6034'
 PBTd @ 6131'
 TD @ 6170'



Inland Resources Inc.

Tar Sands Federal #7-31

1870 FEL 1947 FNL

SWNE Section 31-T8S-R17E

Duchesne Co, Utah

API #43-013-31684; Lease #U-74869

WORK PROCEDURE FOR INJECTION CONVERSION

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

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

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

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

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

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

See Attachment A

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

Approval is requested to convert the Tar Sands Federal #7-31 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 #7-31 well and run approximately 2640' in a northwesterly 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 #7-31 well, the proposed injection zone is from 4599'-5942'. 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 4599'

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

The referenced log for the Tar Sands Federal #7-31 is on file with the Utah Division of Oil, Gas and Mining.

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

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

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

See Attachment B.

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

See Attachment C.

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

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

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

This proposed injection well is on a State lease (Lease #U-74869), in the Monument Butte (Green River) Field, Sand Wash Unit, and this request is for administrative approval.

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

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

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

See Attachment A and B.

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

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

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

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

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

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

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

The casing program is 8-5/8", 24#, J-55 surface casing run to 302.65' GL, and the 5-1/2" casing run from surface to 6180.51' 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 1778 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 #7-31, for proposed zones (4599' – 5942') calculates at .74 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 1778 psig. See Attachment G thru G-4.

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

In the Tar Sands Federal #7-31, the injection zone (4599'-5942') is in the Douglas Creek member of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The Douglas Creek member is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31', and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

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

See Attachments E through E-9.

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

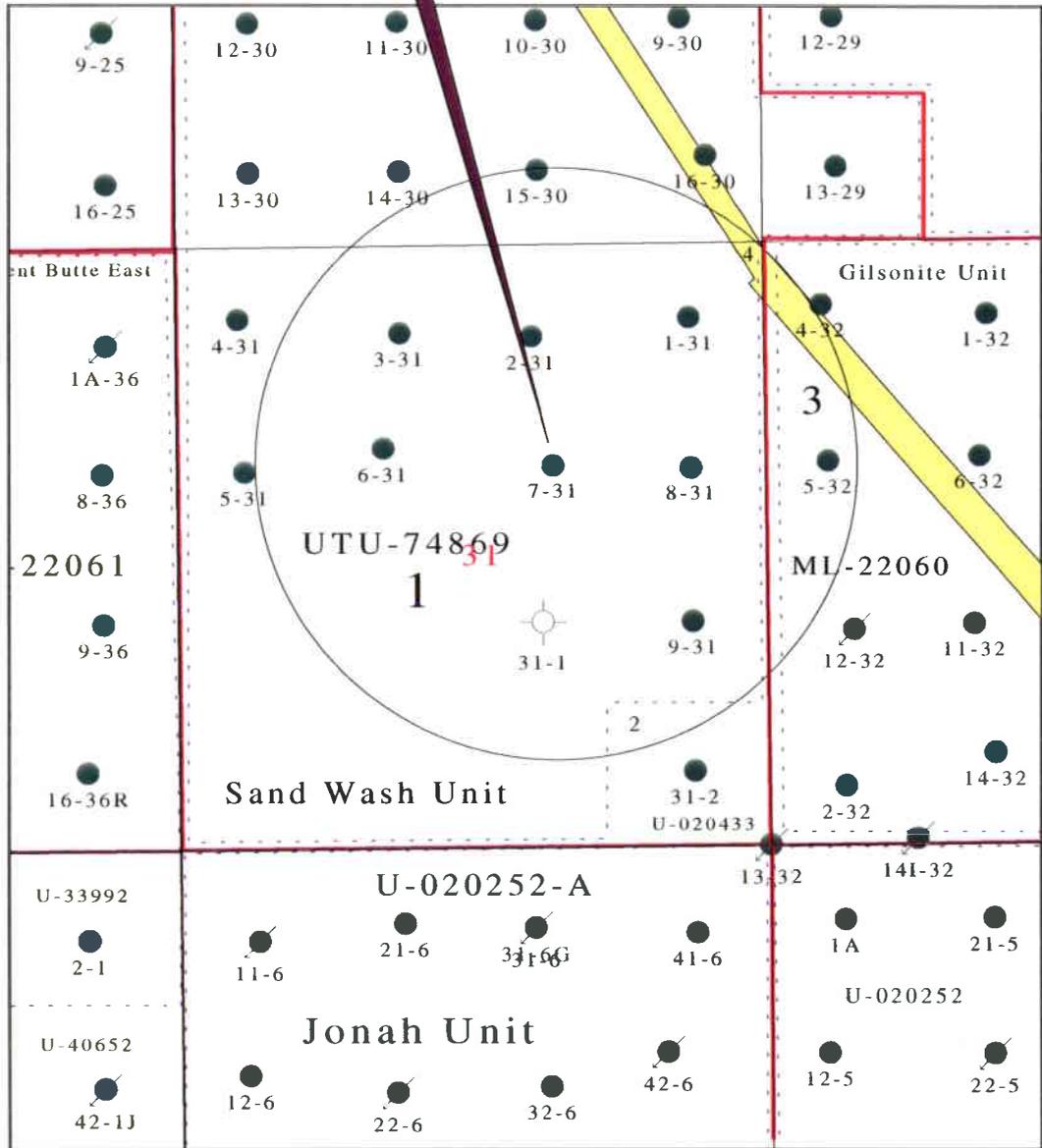
2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

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

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

Proposed Injector



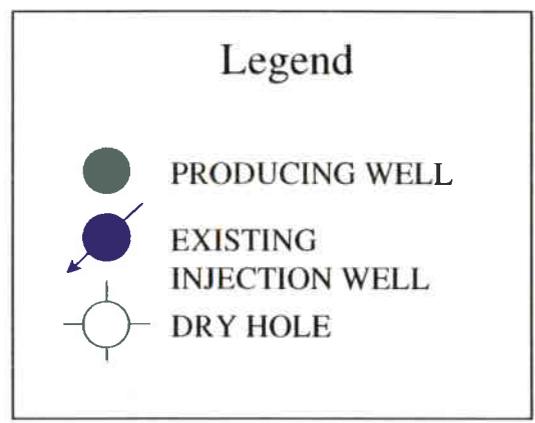
TAR SANDS

Duchesne County, Utah

MINERAL RIGHTS (Grazing Rights Only)

Lessee: Elmer & Lee Moon

Exhibit



Tar Sands Federal 7-31 6170 TD

Attachment A

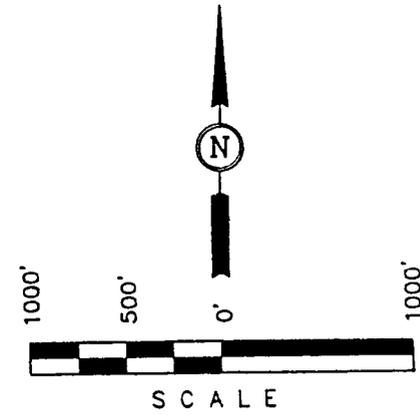
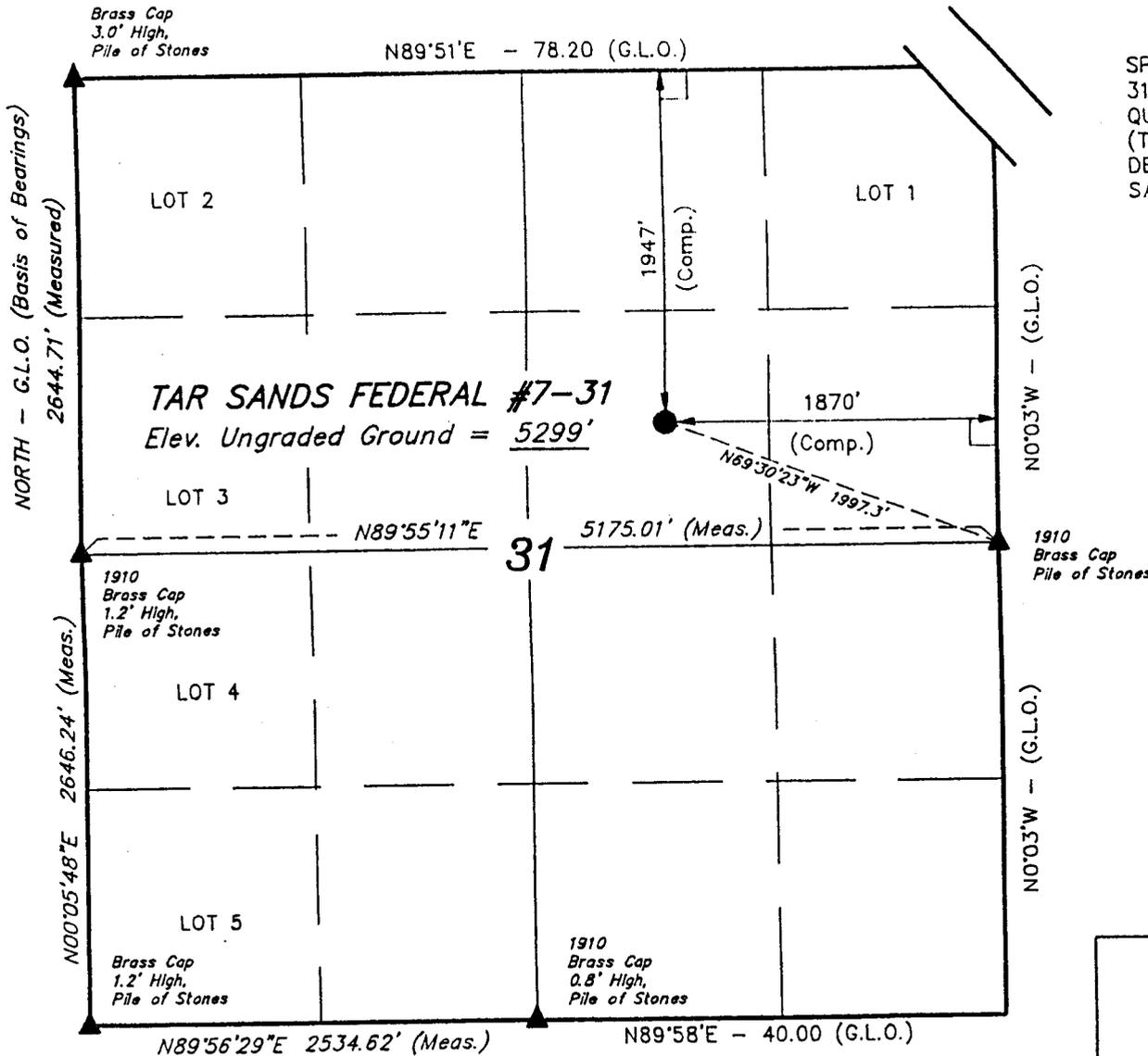
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

Well location, TAR SANDS FEDERAL #7-31, located as shown in the SW 1/4 NE 1/4 of Section 31, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 31, 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 5301 FEET.



CERTIFICATE

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

Robert L Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 4-15-96	DATE DRAWN: 4-19-96
PARTY G.S. R.E. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO	

LEGEND:

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

Attachment A-1

EXHIBIT B

Page 1

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
1	Township 8 South, Range 17 East Section 29: Lot 1 Section 30: Lots 1-14 E/2NE/4, E/2SW/4, SW/4SE/4 Section 31: Lots 1-5, W/2E/2, SE/NE E/2W/2, NE/4SE/4	USA	Inland Production Company	U-74869 HBP	(Surface Rights) USA (Grazing Rights) Elmer & Lee Moon
2	Township 8 South, Range 17 East Section 31: SE/4SE/4	USA	Carol J. Bibler Leslie J. Breaux Carl B. Field Montana & Wyoming Oil Larry R. Simpson Vaughey & Vaughey John R. Warne Bonnie B. Warne WRC 91 LTD. Wildrose Resources	U-020433 HBP	(Surface Rights) USA (Grazing Rights) Elmer & Lee Moon

Attachment B
(Pg 1 of 2)

EXHIBIT B

Page 2

Tract	Land Description	Minerals Ownership	Minerals Leased By	Federal or State # & Expires	Surface Grazing Rights Leased By
3	Township 8 South, Range 17 East Section 32: All	St. of Utah	Inland Production Company Key Production	ML-22060 HBP	(Surface Rights) St. of Utah (Grazing Rights) Elmer & Lee Moon
4	Township 8 South, Range 17 East Sections 19, 30 & 31	Raven, Blackbird & Brunette Mining Claims	Kaiser-Francis Oil Company		

Attachment B
(Pg 2 of 2)

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Tar Sands Federal #7-31

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

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

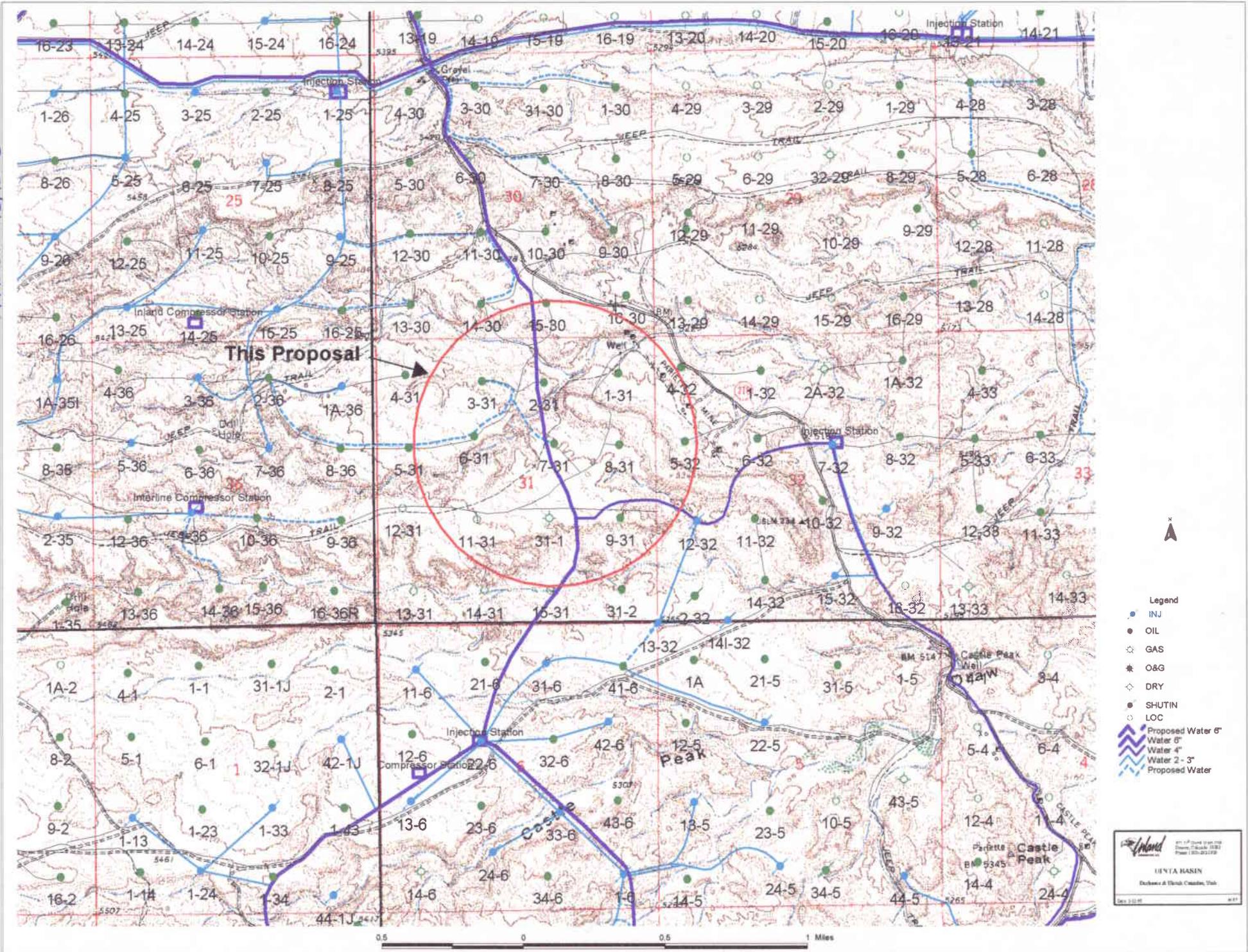
Sworn to and subscribed before me this 10th day of March, 1998.

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



My Commission Expires 11/14/2000

Attachment D



Tar Sands Federal #7-31

Spud Date: 7/2/97
 Put on Production: 7/31/97
 GL: 5298' KB: 5310'

Initial Production: 247 BOPD,
 240 MCFPD, 16 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (302.65')
 DEPTH LANDED: 304.45'(GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 146 jts. (6180.51')
 DEPTH LANDED: 6164.75'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 360 sk HiBond mixed & 340 sxs thixotropic
 CEMENT TOP AT: 1305' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"/M-50/6.5#.
 NO. OF JOINTS: 194 jts.
 TUBING ANCHOR: 5808'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 6034'
 SN LANDED AT: 5965'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 4-1" scapered, 5-7/8" plain rods, 130-3/4" plain, 99-3/4" scapered
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2 x 1-1/2 z 15-1/2" RHAC pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 8 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

7/18/97 5833'-5942' **Frac CP-2 & CP-3 sands as follows:**
 96,000# of 20/40 sand in 519 bbls of Boragel. Perfs Broke down @ 2537 psi. Treated @ avg press of 1300 psi w/avg rate of 26.5 bpm. ISIP-1835 psi, 5-min 1763 psi. Flowback on 12/64" ck for 4-1/2 hours and died.

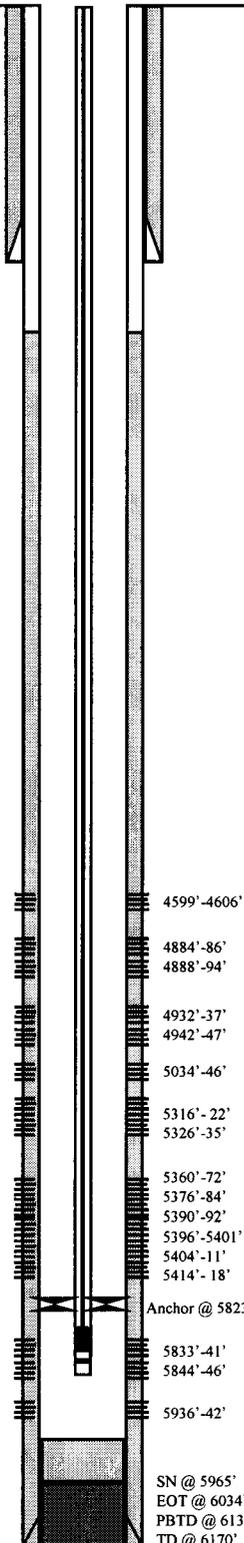
7/21/97 5316'-5418' **Frac A-3 sands as follows:**
 149,200# of sand in 694 bbls of Boragel. Perfs brokedown @ 2106 psi. Treated @ avg press of 1550 psi w/avg rate of 45 bpm. ISIP-1958 psi, 5-min 1817 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

7/23/97 4884'-5046' **Frac D-1, D-2 & C sands as follows:**
 137,700# of 20/40 sand in 650 bbls of Boragel. Perfs brokedown @ 2459 psi, then again @ 2896 psi @ 10.6 bpm. Treated @ avg press of 2200 psi w/avg rate of 36 bpm. ISIP-3204 psi, 5-min 3089 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

7/24/97 4599'-4606' **Frac PB-10 sands as follows:**
 73,600# of 20/40 sand in 398 bbls of Boragel. Perfs brokedown @ 2795 psi. Treated @ avg press of 2231 w/avg rate of 22.2 bpm. ISIP-3206 psi, 5-min 3125 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
7/17/97	5833'-5841'	4 JSPF	32 holes
7/17/97	5844'-5846'	4 JSPF	8 holes
7/17/97	5936'-5942'	4 JSPF	24 holes
7/19/97	5316'-5322'	2 JSPF	12 holes
7/19/97	5326'-5335'	2 JSPF	18 holes
7/19/97	5360'-5372'	2 JSPF	24 holes
7/19/97	5376'-5384'	2 JSPF	16 holes
7/19/97	5390'-5392'	2 JSPF	4 holes
7/19/97	5396'-5401'	2 JSPF	10 holes
7/19/97	5404'-5411'	2 JSPF	14 holes
7/19/97	5414'-5418'	2 JSPF	8 holes
7/22/97	4884'-4886'	4 JSPF	8 holes
7/22/97	4888'-4894'	4 JSPF	24 holes
7/22/97	4932'-4937'	4 JSPF	20 holes
7/22/97	4942'-4947'	4 JSPF	20 holes
7/22/97	5034'-5046'	4 JSPF	48 holes
7/24/97	4599'-4606'	4 JSPF	28 holes



SN @ 5965'
 EOT @ 6034'
 PBTD @ 6131'
 TD @ 6170'



Inland Resources Inc.

Tar Sands Federal #7-31

1870 FEL 1947 FNL
 SWNE Section 31-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31684; Lease #U-74869

Tar Sands Federal #1-31

Spud Date: 10/4/96
 Put on Production: 10/28/96
 GL: 5250' KB: 5263'

Initial Production: 147 BOPD,
 170 MCFPD, 5 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (284.88')
 DEPTH LANDED: 284.68' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Type V cmt, est 9 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 100 jts. (6047.84')
 DEPTH LANDED: 6033.34' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 390 sk Hibond mixed & 350 sxs thixotropic
 CEMENT TOP AT: 638' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / LS / 6.5#
 NO. OF JOINTS: 193 jts
 TUBING ANCHOR: 5222'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5726')
 SN LANDED AT: 5443'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 8-1" scraped, 4-3/4" guided rods, 110-3/4" plain rods, 95-3/4" scraped
 PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 15 RHAC rod pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 7 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

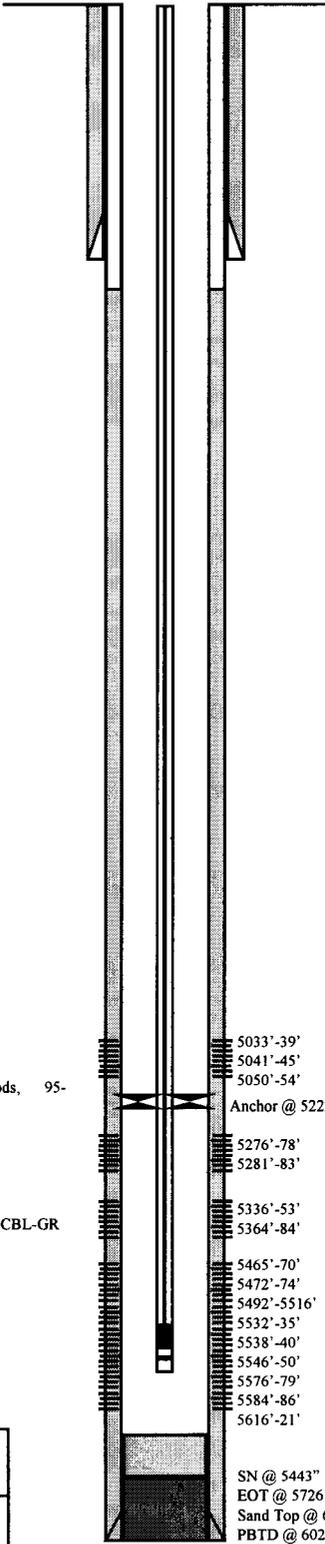
10/18/96 5465'-5621' **Frac LDC sand as follows:**
 119,800# of 20/40 sand in 642 bbls of Delta Frac fluid. Breakdown @ 2830 psi. Treated @ avg rate of 40 bpm w/avg press of 1700 psi. ISIP-1661 psi, 5-min 1507 psi. Flowback on 12/64" ck for 1-1/2 hours and died.

10/21/96 5276'-5384' **Frac A-1 & A-3 sands as follows:**
 103,700# of 20/40 sand in 525 bbls of Delta Frac fluid. Breakdown @ 2200 psi. Treated @ avg rate of 30.7 bpm w/avg press of 1600 psi. ISIP-1941 psi, 5-min 1573 psi. Flowback on 12/64" ck for 1-1/2 hours and died.

10/23/96 5033'-5054' **Frac C sand as follows:**
 92,800# of 20/40 sand in 480 bbls of Delta Frac fluid. Breakdown @ 1510 psi. Treated @ avg rate of 21 bpm w/avg press of 1600 psi. ISIP-1916 psi, 5-min 2623 psi. Flowback on 12/64" ck for 2 hours and died.

PERFORATION RECORD

10/18/96	5465'-5470'	2 JSPF	10 holes
10/18/96	5472'-5474'	2 JSPF	4 holes
10/18/96	5492'-5516'	2 JSPF	48 holes
10/18/96	5532'-5535'	2 JSPF	6 holes
10/18/96	5538'-5540'	2 JSPF	4 holes
10/18/96	5546'-5550'	2 JSPF	8 holes
10/18/96	5576'-5579'	2 JSPF	6 holes
10/18/96	5584'-5586'	2 JSPF	4 holes
10/18/96	5616'-5621'	2 JSPF	10 holes
10/19/96	5276'-5278'	4 JSPF	4 holes
10/19/96	5281'-5283'	4 JSPF	8 holes
10/19/96	5336'-5353'	2 JSPF	34 holes
10/19/96	5364'-5384'	2 JSPF	38 holes
10/22/96	5033'-5039'	4 JSPF	24 holes
10/22/96	5041'-5045'	4 JSPF	16 holes
10/22/96	5050'-5054'	4 JSPF	16 holes



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



Inland Resources Inc.

Tar Sands Federal #1-31

639 FEL 706 FNL

NENE Section 31-T8S-R17E

Duchesne Co, Utah

API #43-013-31654; Lease #U-74870

Tar Sands Federal #2-31

Spud Date: 6/11/97
 Put on Production: 7/31/97
 GL: 5262' KB: 5275'

Initial Production: 130 BOPD,
 164 MCFPD, 6 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (302.54')
 DEPTH LANDED: 300.05' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 155 sxs Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6046.34')
 DEPTH LANDED: 6024.81' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Hibond mixed & 270 sxs thixotropic
 CEMENT TOP AT: NA per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#
 NO. OF JOINTS: 179 jts
 TUBING ANCHOR: 5725'
 SEATING NIPPLE: 5-1/2" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5921')
 SN LANDED AT: 5852'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 94-3/4" scraped, 4-1-1/2" guided rods, 130-3/4" plain rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 8 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

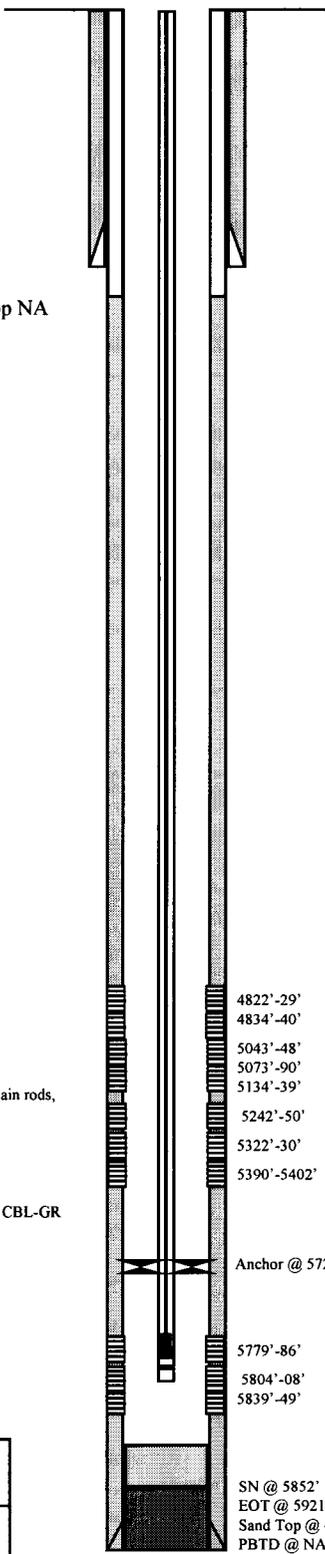
FRAC JOB

7/22/97 5783'-5850' **Frac CP sand as follows:**
 96,200# of 20/40 sand in 506 bbls of Boragel. Breakdown @ 2121 psi. Treated @ avg rate of 26.3 bpm w/avg press of 1760 psi. ISIP-1972 psi, 5-min 1878 psi. Flowback on 12/64" ck for 4 hours and died.

7/25/97 5347'-5536' **Frac A sands as follows:**
 154,300# of 20/40 sand in 708 bbls of # Boragel. Breakdown @ 2212 psi. Treated @ avg rate of 40.5 bpm w/avg press of 2000 psi. ISIP-2115 psi, 5-min 1892 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.

7/27/97 4890'-5058' **Frac D/C sands as follows:**
 151,800# of 20/40 sand in 692 bbls of # Boragel. Breakdown @ 2116 psi. Treated @ avg rate of 33.3 bpm w/avg press of 2350 psi. ISIP-2654 psi, 5-min 2559 psi. Flowback on 12/64" ck for 4 hours and died.

Cement Top NA



PERFORATION RECORD

Date	Interval	Tool	Holes
7/22/97	5839'-5849'	4 JSPF	40 holes
7/22/97	5804'-5808'	4 JSPF	16 holes
7/22/97	5779'-5786'	4 JSPF	28 holes
7/22/97	5390'-5402'	4 JSPF	44 holes
7/22/97	5322'-5330'	4 JSPF	32 holes
8/7/97	5242'-5250'	4 JSPF	32 holes
8/9/97	5134'-5139'	4 JSPF	20 holes
8/9/97	5073'-5090'	4 JSPF	64 holes
8/9/97	5043'-5048'	4 JSPF	20 holes
8/12/97	4834'-4840'	4 JSPF	24 holes
8/12/97	4822'-4829'	4 JSPF	28 holes

SN @ 5852'
 EOT @ 5921'
 Sand Top @ 4822'
 PBTB @ NA
 TD @ 6025'



Inland Resources Inc.

Tar Sands Federal #2-31

2048 FEL 814 FNL

NENE Section 31-T8S-R17E

Duchesne Co, Utah

API #43-013-31866; Lease #U-74869

Tar Sands Federal #3-31

Spud Date: 7/8/97
 Put on Production: 8/11/97
 GL: 5283' KB: 5296'

Initial Production: 61 BOPD,
 133 MCFPD, 7 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (296.30')
 DEPTH LANDED: 294.56'(GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6033.86')
 DEPTH LANDED: 6075.54'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 340 sk HiBond mixed & 320 sxs thixotropic
 CEMENT TOP AT: 977' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/M-50 tbg.
 NO. OF JOINTS: 194 jts.
 TUBING ANCHOR: 5823'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5985'
 SN LANDED AT: 5917'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 4-1" guided, 133-3/4" plain rods, 99-3/4" scraped
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2 x 1-1/2 z 12 x 15 RHAC pump
 STROKE LENGTH: 84"
 PUMP SPEED, SPM: 8 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

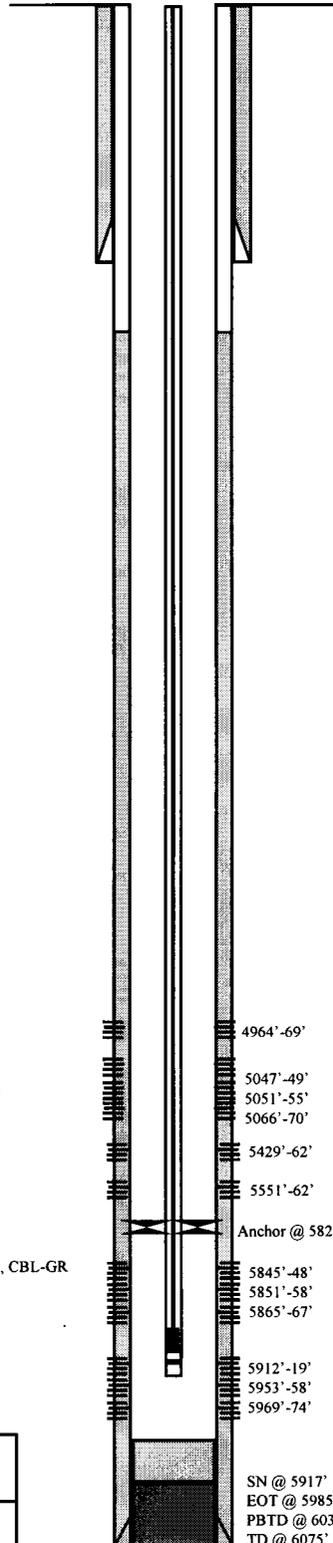
8/2/97 5845'-5974' **Frac CP-2 & CP-4 sands as follows:**
 109,400# of 20/40 sand in 573 bbls of Boragel. Brokedown @ 2609 psi. Treated @ avg rate of 31.4 w/avg pressure of 1300 psi. ISIP-1912 psi. 5-min 1358 psi. Flowback on 12/64" ck for 2-1/2 hours until dead.

8/5/97 5429'-5562' **Frac A-3 & LODC sands as follows:**
 106,000# of 20/40 sand in 550 bbls of Boragel. Broke down @ 2630 psi. Treated w/avg press of 1500 psi @ avg rate of 30.5 bpm. ISIP 1851 psi, 5-min 1740 psi, 10-min 1512 psi, 15-min 1443 psi. Start Flowback after 5-min SI @ 1 bpm until dead.

8/7/97 4964'-5070' **Frac C & D-2 sands as follows:**
 107,100# of 20/40 sand in 510 bbls of Boragel. Breakdown @ 2043 psi. Treated @ avg rate of 27.5 bpm w/avg press of 2270 psi. ISIP-3261 psi, 5-min SI: 3141 psi. Flowback @ 1 bpm until dead.

PERFORATION RECORD

Date	Interval	Tool	Holes
8/1/97	5845'-5848'	4 JSPF	12 holes
8/1/97	5851'-5858'	4 JSPF	28 holes
8/1/97	5865'-5867'	4 JSPF	8 holes
8/1/97	5912'-5919'	4 JSPF	28 holes
8/1/97	5953'-5958'	4 JSPF	20 holes
8/1/97	5969'-5974'	4 JSPF	20 holes
8/5/97	5429'-5462'	2 JSPF	66 holes
8/5/97	5551'-5562'	4 JSPF	44 holes
8/6/97	4964'-4969'	4 JSPF	20 holes
8/6/97	5047'-5049'	4 JSPF	32 holes
8/6/97	5051'-5055'	4 JSPF	16 holes
8/6/97	5066'-5070'	4 JSPF	16 holes





Inland Resources Inc.

Tar Sands Federal #3-31

771 FNL 1978 FWL
 NENW Section 31-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31733; Lease #U-74869

Tar Sands Federal #6-31

Spud Date: 7/7/97
 Put on Production: 8/16/97
 GL: 5313' KB: 5325'

Initial Production: 111 BOPD,
 250 MCFPD, 10 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (301.25')
 DEPTH LANDED: 299.8' 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: 145 jts. (6122.33')
 DEPTH LANDED: 6117' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 425 sxs Hibond mixed & 380 sxs thixotropic
 CEMENT TOP AT: NA per CBL

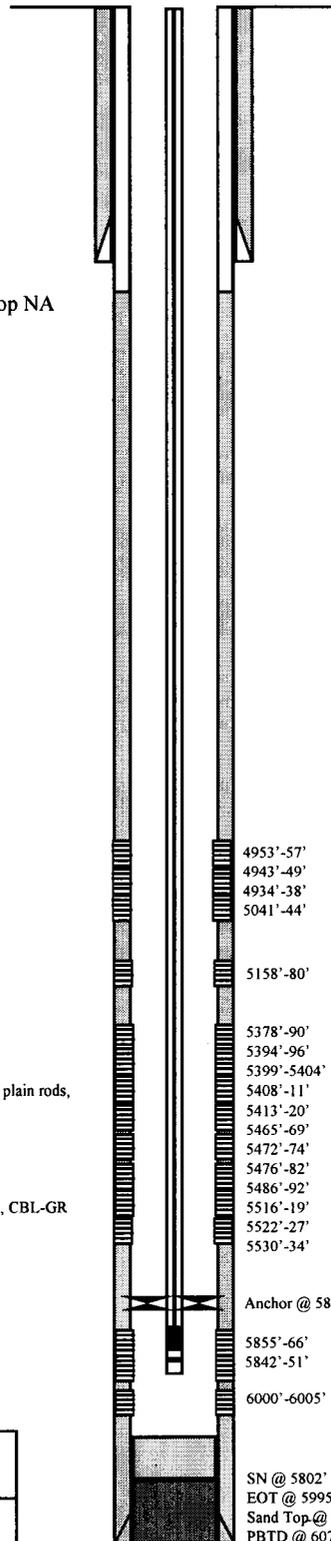
TUBING

SIZE/GRADE/WT.: 2-7/8" / M -50 / 6.5#
 NO. OF JOINTS: 187 jts
 TUBING ANCHOR: 5802'
 SEATING NIPPLE: 5-1/2" (1.10')
 TOTAL STRING LENGTH: ? (EOT @ 5995')
 SN LANDED AT: 5927'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 97-3/4" scraped, 4 - 1-1/2" guided rods, 135-3/4" plain rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
 STROKE LENGTH: 72"
 PUMP SPEED, SPM: 8 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

Cement Top NA



FRAC JOB

8/4/97 5842'-6005' **Frac CP sand as follows:**
 1590# of 20/40 sand in 308 bbls of Boragel. Breakdown @ 2078 psi. Treated @ avg rate of 22.0 bpm w/avg press of 1750 psi. ISIP-1697 psi, 5-min 1495 psi. Flowback on 12/64" ck for 5 hours and died.

8/6/97 5842'-6005' **Refrac CP sand as follows:**
 119,300# of 20/40 sand in 594 bbls of Boragel. Breakdown @ 2302 psi. Treated @ avg rate of 26.80 bpm w/avg press of 1560 psi. ISIP-2031 psi, 5-min 1922 psi. Flowback on 12/64" ck for 5 hours and died.

8/7/97 5378'-5534' **Frac A/LDC sands as follows:**
 166,400# of 20/40 sand in 746 bbls of # Boragel. Breakdown @ 2520 psi. Treated @ avg rate of 43.3 bpm w/avg press of 1700 psi. ISIP-1626 psi, 5-min 1545 psi. Flowback on 12/64" ck for 5 hours and died.

8/9/97 5158'-5180' **Frac B sands as follows:**
 125,400# of 20/40 sand in 583 bbls of # Boragel. Breakdown @ 3209 psi. Treated @ avg rate of 25.0 bpm w/avg press of 1600 psi. ISIP-2401 psi, 5-min 2338 psi. Flowback on 12/64" ck for 5 hours and died.

8/12/97 4934'-5044' **Frac D sands as follows:**
 106,100# of 20/40 sand in 527 bbls of # Boragel. Breakdown @ 2420 psi. Treated @ avg rate of 26.6 bpm w/avg press of 1900 psi. ISIP-3264 psi, 5-min 3220 psi. Flowback on 12/64" ck for 3 hours and died.

PERFORATION RECORD

Date	Interval	Tool	Holes
8/4/97	6000'-6005'	4 JSFP	20 holes
8/4/97	5855'-5866'	4 JSFP	44 holes
8/4/97	5842'-5851'	4 JSFP	44 holes
8/7/97	5530'-5534'	4 JSFP	8 holes
8/7/97	5522'-5527'	4 JSFP	10 holes
8/7/97	5516'-5519'	4 JSFP	6 holes
8/7/97	5486'-5492'	4 JSFP	12 holes
8/7/97	5476'-5482'	4 JSFP	12 holes
8/7/97	5472'-5474'	4 JSFP	4 holes
8/7/97	5465'-5469'	4 JSFP	8 holes
8/7/97	5413'-5420'	4 JSFP	14 holes
8/7/97	5408'-5411'	4 JSFP	6 holes
8/7/97	5399'-5404'	4 JSFP	10 holes
8/7/97	5394'-5396'	4 JSFP	4 holes
8/7/97	5378'-5390'	4 JSFP	24 holes
8/9/97	5158'-5180'	4 JSFP	80 holes
8/12/97	5041'-5044'	4 JSFP	12 holes
8/12/97	4953'-4957'	4 JSFP	16 holes
8/12/97	4943'-4949'	4 JSFP	24 holes
8/12/97	4934'-4938'	4 JSFP	16 holes



Inland Resources Inc.

Tar Sands Federal #6-31

1825 FWL 1785 FNL

NENE Section 31-T8S-R17E

Duchesne Co, Utah

API #43-013-31874; Lease #U-74869

Tar Sands Federal #8-31

Spud Date: 5/12/96
 Put on Production: 6/25/96
 GL: 5296' KB: 5309'

Initial Production: 262 BOPD,
 165 MCFPD, 3 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (290.87')
 DEPTH LANDED: 288.87'(GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 144 jts. (6205.40')
 DEPTH LANDED: 6202'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 280 sk Hyfill mixed & 340 sxs thixotropic
 CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"/6.5#/LS tbg.
 NO. OF JOINTS: ? jts.
 TUBING ANCHOR: 5008'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 5564'
 SN LANDED AT: 5407'

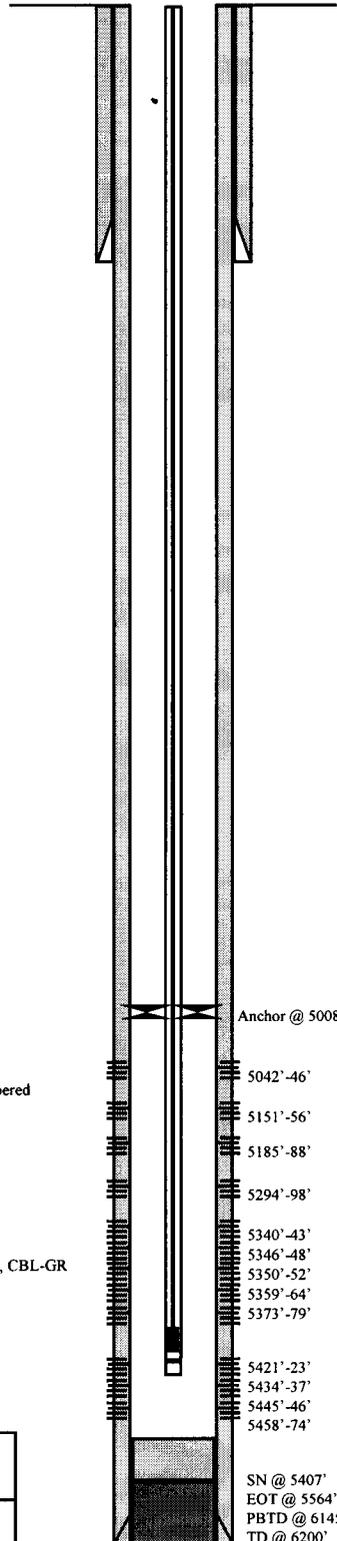
SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 4-3/4" scraped, 111-3/4" plain rods, 96-3/4" scraped
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2 x 1-1/2 z 12 x 15 RHAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 7 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

6/19/96 5294'-5474' **Frac LDC, A-3 & A-1 sands as follows:**
 161,500# of 20/40 sand in 727 bbls of Boragel. Breakdown @ 2307 psi, treated @ avg rate 46.7 bpm @ avg press of 950 psi. ISIP-1534, 5-min 1391 psi. Flowback after 5 min SI on 16/64" ck. Flowed for 1 hour and died.

6/21/96 5042'-5188' **Frac B-2, B-1 & C sands as follows:**
 94,700# of 20/40 sand in 510 bbls of Boragel. Breakdown @ 1156 psi treated @ avg rate 31 bpm w/avg press of 1300#. ISIP 2049 psi, 5-min 1837 psi. Start Flowback on 16/64" ck. Flowed for 2 hrs & died.



PERFORATION RECORD

Date	Interval	Tool	Holes
6/18/96	5294'-5298'	4 JSPF	16 holes
6/18/96	5340'-5343'	2 JSPF	5 holes
6/18/96	5346'-5348'	2 JSPF	5 holes
6/18/96	5350'-5352'	2 JSPF	4 holes
6/18/96	5359'-5364'	2 JSPF	10 holes
6/18/96	5373'-5379'	2 JSPF	12 holes
6/18/96	5421'-5423'	2 JSPF	4 holes
6/18/96	5434'-5437'	2 JSPF	6 holes
6/18/96	5445'-5446'	2 JSPF	2 holes
6/18/96	5458'-5474'	4 JSPF	60 holes
6/20/96	5185'-5188'	4 JSPF	12 holes
6/20/96	5151'-5156'	4 JSPF	20 holes
6/20/96	5042'-5046'	4 JSPF	16 holes

SN @ 5407'
 EOT @ 5564'
 PBTD @ 6145'
 TD @ 6200'



Inland Resources Inc.

Tar Sands Federal #8-31

660 FEL 1980 FNL
 SENE Section 31-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31615; Lease #U-74869

Tar Sands Federal #9-31

Spud Date: 8/30/97
 Put on Production: 10/9/97
 GL: 5312' KB: 5322'

Initial Production: 131 BOPD,
 127 MCFPD, 10 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (289')
 DEPTH LANDED: 299'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Premium cmt, est 8 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts. (5931')
 DEPTH LANDED: 5941'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 295 sk HiBond mixed & 285 sxs thixotropic
 CEMENT TOP AT: 62'

TUBING

SIZE/GRADE/WT.: 2-7/8"/M-50/6.5#
 NO. OF JOINTS: 183 jts.
 TUBING ANCHOR: 5720'
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH:
 SN LANDED AT: 5785'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.
 SUCKER RODS: 4-11/2" wt rods, 4-3/4" scraped; 124-3/4" plain
 TOTAL ROD STRING LENGTH: ?
 PUMP NUMBER: ?
 PUMP SIZE: 2-1/2 x 1-1/2 x 16' RHAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 9.5 SPM
 LOGS: DIGL/SP/GR/CAL (5948'-318')
 SDL/DSN/GR (5902'-3000')

FRAC JOB

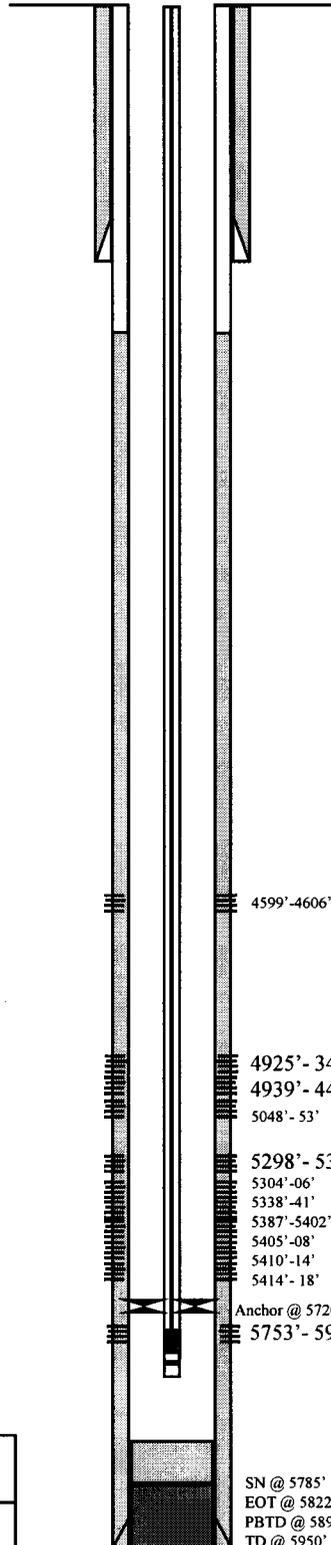
10/1/97 5753'-5759' **Frac CP sand as follows:**
 95,900# of 20/40 sand in 522 bbls of Boragel. Perfs Broke down @ 3650 psi. Treated @ avg press of 1700 psi w/avg rate of 26 bpm. ISIP-1812 psi, 5-min 1727 psi. Flowback on 12/64" ck for 3 hours and died.

10/3/97 5298'-5420' **Frac A sand as follows:**
 127,200# of sand in 6304 bbls of Boragel. Perfs brokedown @ 3084 psi. Treated @ avg press of 1500 psi w/avg rate of 42.2 bpm. ISIP-1796 psi, 5-min 1765 psi. Flowback on 12/64" ck for 3-1/2 hours and died.

10/5/97 4925'-5053' **Frac C/D sands as follows:**
 104,300# of 20/40 sand in 518 bbls of Boragel. Perfs brokedown @ 2388 psi. Treated @ avg press of 2560 psi w/avg rate of 30 bpm. ISIP-3432 psi, 5-min 3367 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

PERFORATION RECORD

Date	Interval	Tool	Holes
9/30/97	5753'-5759'	4 JSPF	24 holes
10/2/97	5298'-5300'	4 JSPF	8 holes
10/2/97	5304'-5306'	4 JSPF	8 holes
10/2/97	5338'-5341'	4 JSPF	12 holes
10/2/97	5387'-5402'	4 JSPF	60 holes
10/2/97	5405'-5408'	4 JSPF	12 holes
10/2/97	5410'-5414'	4 JSPF	16 holes
10/2/97	5418'-5420'	4 JSPF	8 holes
10/4/97	4925'-4934'	4 JSPF	36 holes
10/4/97	4939'-4944'	4 JSPF	20 holes
10/4/97	5048'-5053'	4 JSPF	8 holes



SN @ 5785'
 EOT @ 5822'
 PBTD @ 5897'
 TD @ 5950'



Inland Resources Inc.

Tar Sands Federal #9-31

2163 FSL 722 FEL

NESE Section 31-T8S-R17E

Duchesne Co, Utah

API #43-013-31616; Lease #U-74869

Government #31-1

Spud Date: 11/10/65
Put on Production: 9/20/66
GL: 5320' KB: 5265'

PLUGGED AND ABANDONED

Initial Production: ? BOPD,
355 MCFPD, ? BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: ?
WEIGHT: ?
LENGTH: ? jts. (230')
DEPTH LANDED: 288.87'(GL)
HOLE SIZE: 12-1/4"
CEMENT DATA: 170 sxs cmt

FRAC JOB

NO MORE INFORMATION AVAILABLE

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: ?
WEIGHT: ?
LENGTH: ? jts. (5480')
DEPTH LANDED: ?'
HOLE SIZE: 7-7/8"
CEMENT DATA: 240 sxs cement
CEMENT TOP AT: ?

TUBING

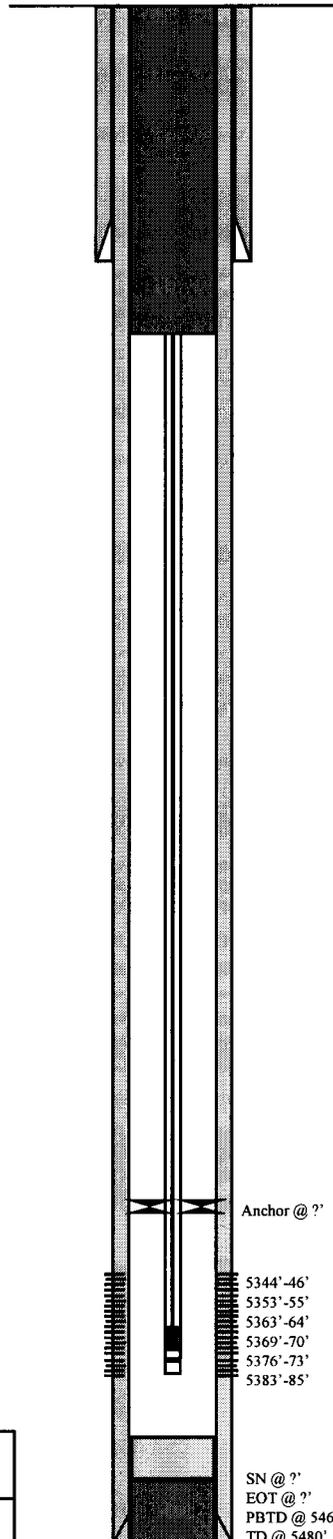
SIZE/GRADE/WT.: ? INFORMATION NOT AVAILABLE
NO. OF JOINTS: ? jts.
TUBING ANCHOR: ?
SEATING NIPPLE: ?
TOTAL STRING LENGTH: ?
SN LANDED AT: ?

SUCKER RODS

POLISHED ROD: ? INFORMATION NOT AVAILABLE
SUCKER RODS: ?
TOTAL ROD STRING LENGTH: ?
PUMP NUMBER: ?
PUMP SIZE: ?
STROKE LENGTH: ?
PUMP SPEED, SPM: ?
LOGS: IES, S-GR, FAL, CAL

PERFORATION RECORD

NO MORE INFORMATION



Anchor @ ?'

5344'-46'
5353'-55'
5363'-64'
5369'-70'
5376'-73'
5383'-85'

SN @ ?'
EOT @ ?'
PBTD @ 5468'
TD @ 5480'



Inland Resources Inc.

Tar Sands Federal #31-1

1980 FSL 1980 FEL

NWSE Section 31-T8S-R17E

Duchesne Co, Utah

API #43-013-15113; Lease #U-74869

Tar Sands Federal #15-30

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

Initial Production: 82 BOPD,
 84 MCFPD, 14 BWPD

Wellbore Diagram

SURFACE CASING

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

PRODUCTION CASING

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

TUBING

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

SUCKER RODS

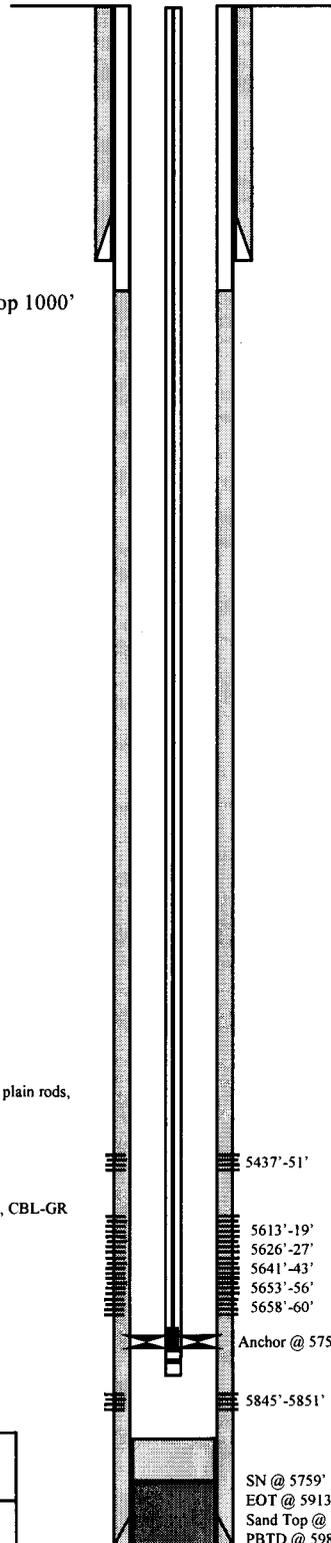
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 98-3/4" scraped, 4 - 1-1/2" guided rods, 121-3/4" plain rods,
 PUMP SIZE: 2-1/2" x 1-1/2" x 15 RHAC rod pump
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 8 - 1/2 SPM
 LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

FRAC JOB

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

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

Cement Top 1000'



PERFORATION RECORD

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



Inland Resources Inc.

Tar Sands Federal #15-30

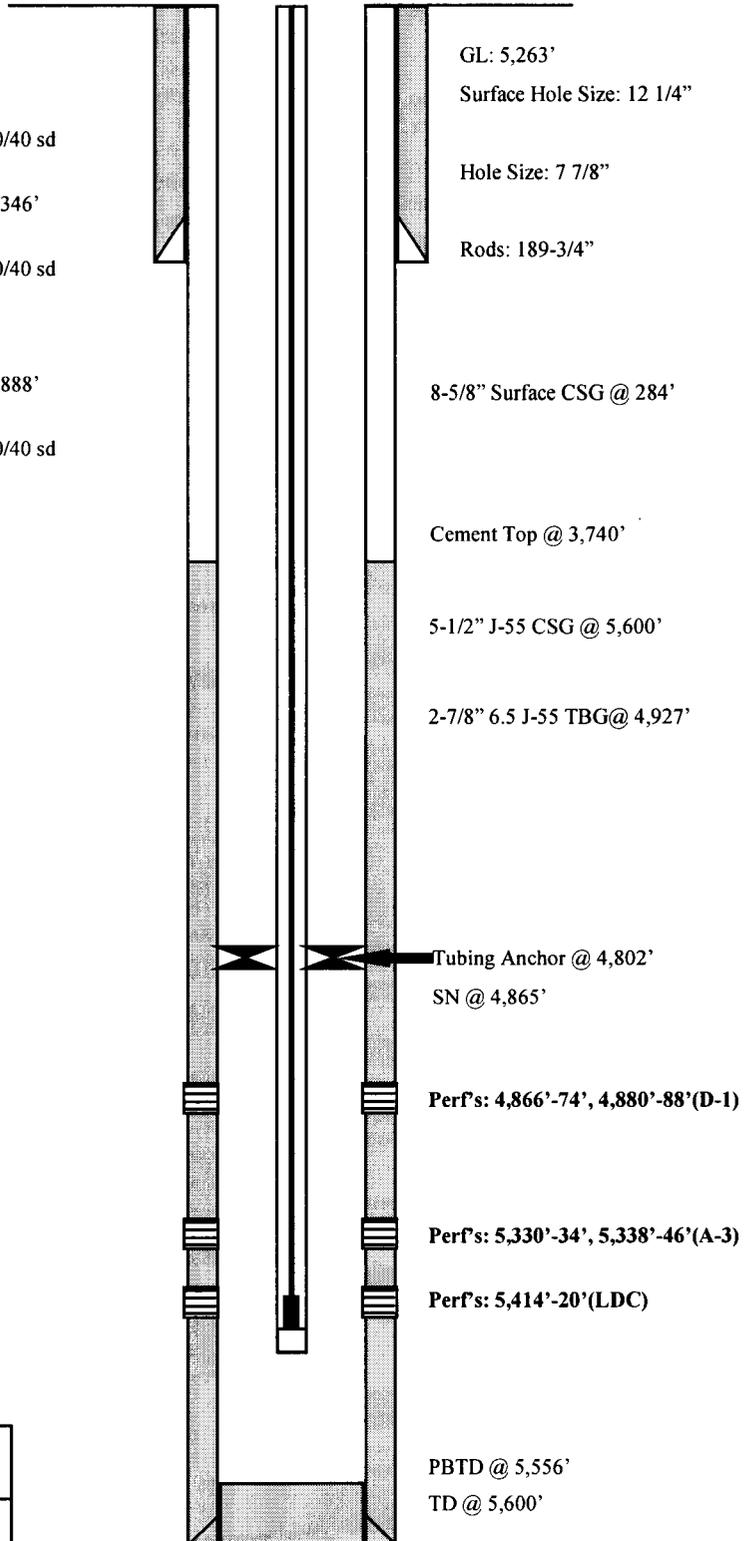
1980 FEL 660 FSL
 NENE Section 2-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31874; Lease #U-74869

Gilsonite State #5-32

Wellbore Diagram

Well History:

12-12-82	Spud Well
12-30-82	Perf: 5,414'-5,420'
1-1-83	Frac LDC zone as follows: Totals 12,500 gal, 17,500# 20/40 sd Avg TP 3,700 @ 25 BPM
1-6-83	Perf: 5,330'-5,334', 5,338'-5,346'
1-7-83	Frac A-1 zone as follows: Totals 24,500 gal, 76,000# 20/40 sd Max TP 4,000 @ 30 BPM Avg TP 2,600 @ 30 BPM ISIP 2,000
1-12-83	Perf: 4,866'-4,874', 4,880'-4,888'
1-13-83	Frac D-1 zone as follows: Totals 24,500 gal, 76,000# 20/40 sd Max TP 3,150 @ 30 BPM Avg TP 2,500 @ 31 BPM ISIP 2,200



	Inland Resources Inc.
	Gilsonite State #5-32 559 FWL 1937 FNL SWNW Section 32-T8S-R17E Duchesne Co, Utah API #43-013-30714; Lease #ML-22060

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

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

Attachment F

WATER ANALYSIS REPORT

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

	Analysis	mg/l(ppm)	*Mg/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	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04	<u>2</u>			<u>162</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17	<u>2</u>			<u>146</u>
MgSO ₄	60.19				
MgCl ₂	47.52				
NaHCO ₃	84.00	<u>1</u>			<u>84</u>
Na ₂ SO ₄	71.03	<u>2</u>			<u>142</u>
NaCl	58.45	<u>1</u>			<u>59</u>

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

REMARKS _____

WATER ANALYSIS REPORT

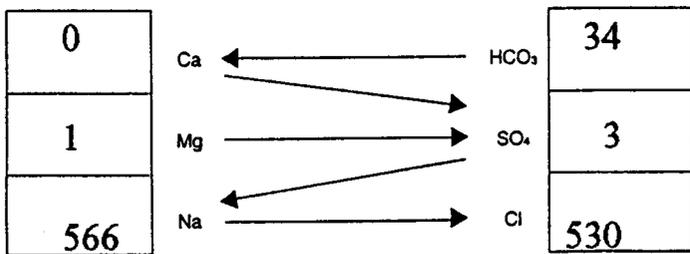
Company INLAND Address _____ Date 01-27-98

Source TSE 7-31 Date Sampled _____ Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	9.4		
2. H ₂ S (Qualitative)	18		
3. Specific Gravity	1.030		
4. Dissolved Solids		34,042	
5. Alkalinity (CaCO ₃)	CO ₃	360	÷ 30 12 CO ₃
6. Bicarbonate (HCO ₃)	HCO ₃	1,350	÷ 61 22 HCO ₃
7. Hydroxyl (OH)	OH	0	÷ 17 0 OH
8. Chlorides (Cl)	Cl	18,800	÷ 35.5 530 Cl
9. Sulfates (SO ₄)	SO ₄	120	÷ 48 3 SO ₄
10. Calcium (Ca)	Ca	8	÷ 20 0 Ca
11. Magnesium (Mg)	Mg	10	÷ 12.2 1 Mg
12. Total Hardness (CaCO ₃)		60	
13. Total Iron (Fe)		0.4	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17		1		73
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		33		2,772
Na ₂ SO ₄	71.03		3		213
NaCl	58.46		530		30,984

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

REMARKS _____

AQUAMIX SCALING PREDICTIONS

COMPANY: INLAND
 LOCATION:
 SYSTEM:

03-04-98

WATER DESCRIPTION:	JOHNSON WATER	TSF 7-31
P-ALK AS PPM CaCO3	0	601
M-ALK AS PPM CaCO3	492	2214
SULFATE AS PPM SO4	110	120
CHLORIDE AS PPM Cl	35	18800
HARDNESS AS PPM CaCO3	0	0
CALCIUM AS PPM CaCO3	110	20
MAGNESIUM AS PPM CaCO3	90	41
SODIUM AS PPM Na	92	13018
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	34042
TEMP (DEG-F)	150	150
SYSTEM pH	7	9.4

WATER COMPATIBILITY CALCULATIONS
 JOHNSON WATER AND TSF 7-31
 CONDITIONS: TEMP.=150 AND pH=8.2
 WATER ONE IS JOHNSON WATER

% OF WATER # 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.53	37	0	0	0
90	1.51	34	0	0	0
80	1.45	30	0	0	0
70	1.37	27	0	0	0
60	1.30	24	0	0	0
50	1.23	21	0	0	0
40	1.15	18	0	0	0
30	1.05	14	0	0	0
20	.96	11	0	0	0
10	.85	8	0	0	0
0	.69	5	0	0	0

Attachment G

**Tar Sands Federal #7-31
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5833	5942	5888	1835	0.74	1778
5316	5418	5367	1958	0.80	1939
4884	5046	4965	3204	1.08	3149
4599	4606	4603	3206	1.13	3196
				Minimum	<u><u>1778</u></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 7-31 Report Date 7/19/97 Completion Day 3
 Present Operation Perf A sds. Rig Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 312' KB Liner @ Prod Csg 5-1/2 @ 6165' Csg PBTD 6131
 Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP/Sand PBTD:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP	5833-41'	4/32			
	5844-46'	4/8			
	5936-42'	4/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7/18/97 SITP: 0 SICP 150

Bleed gas off well. IFL @ 5000'. Made 2 swab runs rec 10 BTF w/tr oil. FFL @ 5000'. TOH w/tbg. NU isolation tool. RU Halliburton to frac CP sands w/96,000# 20/40 sd in 519 bbls Boragel. Perfs broke dn @ 2537 psi. Treated @ ave press of 1300 psi w/ave rate of 26.5 bpm. ISIP - 1835 psi, 5 min - 1763 psi. Flowback on 12/64 choke for 4-1/2 hrs & died. Rec 185 BTF (est 36% of load). SIFN w/est 334 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	519	Starting oil rec to date	0
Fluid lost/recovered today	185	Oil lost/recovered today	0
Ending fluid to be recovered	334	Cum oil recovered	0
IFL <u>5000'</u> FFL <u>5000'</u> FTP		Choke <u>12/64</u> Final Fluid Rate	Final oil cut <u>tr</u>

STIMULATION DETAIL

Base Fluid used: Boragel Job Type: Snd frac
 Company: Halliburton
 Procedure:
3000 gal of pad
1000 gal of 1-6 ppg of 20/40 sd
8000 gal of 6-8 ppg of 20/40 sd
4054 gal of 8-10 ppg of 20/40 sd
Flush w/5762 gal of 10# linear gel

COSTS

Basin-rig	753
BOP	140
Tanks	90
Water	750
HO trk	800
Frac	20,388
Flowback - super	150
IPC Supervision	200

Max TP 2537 Max Rate 31 Total fluid pmpd: 519 bbls
 Avg TP 1300 Avg Rate 26.5 Total Prop pmpd: 96,000
 ISIP 1835 5 min 1763 10 min 15 min
 Completion Supervisor: Gary Dietz

DAILY COST: \$23,271
 TOTAL WELL COST: \$196,810



DAILY COMPLETION REPORT

WELL NAME Tar Sands Fed 7-31 Report Date 7-22-97 Completion Day 5
 Present Operation Perf D/C/B Sands Rig Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 312' KB Liner @ Prod Csg 5-1/2 @ 6165 Csg PBTD 6131
 Tbg: Size 2-7/8 Wt 6.5# Grd M-50 Pkr/EOT @ BP/Sand PBTD: 5643

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP	5833-41'	4/32	A	5376-84'	2/16
CP	5844-46'	4/8	A	5390-92'	2/4
CP	5936-42'	4/24	A	5396-5401'	2/10
A	5316-22'	2/12	A	5404-11'	2/14
A	5326-35'	2/18	A	5414-18'	2/8
A	5360-72'	2/24			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7/21/97 SITP: 0 SICP 100

Bleed gas off well. IFL @ 4000'. Made 4 swab runs rec 24 BTF w/tr oil. FFL @ 4400' for 2 runs. TOH w/tbg. NU isolation tool. RU Halliburton to frac A sand w/149,200# 20/40 sd in 694 bbls Boragel. Perfs broke dn @ 2106 psi. Treated @ ave press of 1550 psi w/ave rate of 45 BPM. ISIP - 1958 psi, 5 min - 1817 psi. Flowback on 12/64 choke for 2-1/2 hrs & died. Rec 75 BTF (est 11% of load). SIFN w/est 803 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>208</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>595</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>803</u>	Cum oil recovered	<u>0</u>
IFL <u>4000'</u> FFL <u>4400'</u> FTP <u> </u>		Choke <u>12/64</u> Final Fluid Rate <u> </u>	Final oil cut <u>tr.</u>

STIMULATION DETAIL

Base Fluid used: Boragel Job Type: Sand frac
 Company: Halliburton
 Procedure:
5000 gal of pad
1000 gal of 1-6 ppg of 20/40 sd
1000 gal of 6-8 ppg of 20/40 sd
6000 gal of 8-10 ppg of 20/40 sd
1920 gal of 10 ppg of 20/40 sd
Flush w/5238 gal of 10# linear gel

COSTS

Basin rig	<u>864</u>
BOP	<u>140</u>
Tanks	<u>210</u>
Water	<u>1,056</u>
HO trk	<u>950</u>
Frac	<u>25,979</u>
Flowback - super	<u>100</u>
IPC Supervision	<u>200</u>

Max TP 2350 Max Rate 45.3 Total fluid pmpd: 694 bbls
 Avg TP 1550 Avg Rate 45 Total Prop pmpd: 149,200#
 ISIP 1958 5 min 1817 10 min 15 min
 Completion Supervisor: Gary Dietz

DAILY COST: \$29,499
 TOTAL WELL COST: \$232,289



DAILY COMPLETION REPORT

WELL NAME Tar Sands Fed 7-31 **Report Date** 7/24/97 **Completion Day** 7
Present Operation Perf PB sands **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 312' KB **Liner** **@** **Prod Csg** 5-1/2 @ 6165 **Csg PBTD** 6131
Tbg: **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT @** **BP/Sand PBTD:** 5180

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP	5833-41'	4/32	A	5396-5401'	2/10
CP	5844-46'	4/8	A	5404-11'	2/14
CP	5936-42'	4/24	A	5414-18'	2/8
A	5316-22'	2/12	D/C/B	4884-86', 88-94'	4/32
A	5326-35'	2/18	D/C/B	4932-37', 42-47'	4/20
A	5360-72'	2/24	D/C/B	5034-46'	4/48
A	5376-84'	2/16			
A	5390-92'	2/4			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7/23/97 **SITP:** 0 **SICP:** 0

IFL @ 4800'. Made 1 run rec 1 BW. FFL @ 4900'. TOH w/tbg. NU isolation tool. RU Halliburton to frac D/C/B sands w/137,700# 20/40 sd in 650 bbls Boragel. Perfs broke back @ 2459 psi, then again @ 2896 psi @ 10.6 BPM. Treated @ ave press of 2200 psi w/ave rate of 36 BPM. ISIP - 3204 psi, 5 min - 3089 psi. Flowback on 12/64 choke for 3-1/2 hrs & died. Rec 100 BTF (est 15% of load). SIFN w/est 1248 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>699</u>	Starting oil rec to date	<u>0</u>
Fluid (lost) recovered today	<u>549</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1248</u>	Cum oil recovered	<u>0</u>
IFL <u>4800'</u> FFL <u>4900'</u> FTP <u> </u>		Choke <u>12/64</u> Final Fluid Rate <u> </u>	Final oil cut <u> </u>

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand frac
Company: Halliburton
Procedure:
5000 gal of pad
1000 gal of 1-6 ppg of 20/40 sd
10000 gal of 6-8 ppg of 20/40 sd
6000 gal of 8-10 ppg of 20/40 sd
513 gal of 10 ppg of 20/40 sd
Flush w/4796 gal of 10# linear gel

COSTS

Basin rig	<u>695</u>
BOP	<u>140</u>
Tanks	<u>90</u>
Water	<u>828</u>
HO trk	<u>865</u>
Frac	<u>24,926</u>
Flowback - super	<u>100</u>
IPC Supervision	<u>200</u>
Wtr disp	<u>180</u>

Max TP 3390 **Max Rate** 39.7 **Total fluid pmpd:** 650 bbls
Avg TP 2200 **Avg Rate** 36 **Total Prop pmpd:** 137,700#
ISIP 3204 **5 min** 3089 **10 min** **15 min**
Completion Supervisor: Gary Dietz

DAILY COST: \$28,024
TOTAL WELL COST: \$265,864



DAILY COMPLETION REPORT

WELL NAME Tar Sands Fed 7-31 **Report Date** 7/26/97 **Completion Day** 9
Present Operation Pull plugs **Rig** Basin #6

WELL STATUS

Surf Csg: 8-5/8 @ 312' KB **Liner** **@** **Prod Csg** 5-1/2 @ 6165 **Csg PBTB** 6131
Tbg: **Size** 2-7/8 **Wt** 6.5# **Grd** M-50 **Pkr/EOT @** **BP/Sand PBTB:** 4680

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP	5833-41'	4/32	A	5396-5401'	2/10
CP	5844-46'	4/8	A	5404-11'	2/14
CP	5936-42'	4/24	A	5414-18'	2/8
A	5316-22'	2/12	D/C/B	4884-86', 88-94'	4/32
A	5326-35'	2/18	D/C/B	4932-37', 42-47'	4/20
A	5360-72'	2/24	D/C/B	5034-46'	4/48
A	5376-84'	2/16	PB	4599-4606'	4/28
A	5390-92'	2/4			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 7/25/97 **SITP:** 0 **SICP:** 0

IFL @ 4200'. Made 2 swab runs rec 4 BTF w/tr oil. FFL @ 4200'. TOH w/tbg. NU isolation tool. RU Halliburton to frac PB sands w/73,600# 20/40 sd in 398 bbls Boragel. Perfs broke dn @ 2795 psi. Treated @ ave press of 2231 w/ave rate of 22.2 BPM. ISIP - 3206 psi, 5 min - 3125 psi. Flowback on 12/64 choke for 3-1/2 hrs & died. Rec 120 BTF (est 30% of load). SIFN w/est 1424 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered	<u>1150</u>	Starting oil rec to date	<u>0</u>
Fluid lost/recovered today	<u>274</u>	Oil lost/recovered today	<u>0</u>
Ending fluid to be recovered	<u>1424</u>	Cum oil recovered	<u>0</u>
IFL <u>4200'</u> FFL <u>4200'</u> FTP <u> </u>		Choke <u>12/64</u> Final Fluid Rate <u> </u>	Final oil cut <u>tr</u>

STIMULATION DETAIL

Base Fluid used: Boragel **Job Type:** Sand frac
Company: Halliburton
Procedure:
2500 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
6000 gal w/6-8 ppg of 20/40 sd
2721 gal w/8-10 ppg of 20/40 sd
Flush w/4480 gal of 10# linear gel.

COSTS

Basin rig	<u>753</u>
BOP	<u>140</u>
Tanks	<u>90</u>
Wtr	<u>850</u>
HO trk	<u>675</u>
Frac	<u>18,167</u>
Flowback - super	<u>150</u>
IPC Supervision	<u>200</u>

Max TP 3378 **Max Rate** 23.1 **Total fluid pmpd:** 398 bbls
Avg TP 2231 **Avg Rate** 22.2 **Total Prop pmpd:** 73,600#
ISIP 3206 **5 min** 3125 **10 min** **15 min**

Completion Supervisor: Gary Dietz

DAILY COST: \$21,025
TOTAL WELL COST: \$290,321

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. **Plug #1** Set 259' plug from 5733'-5992' with 30 sxs Class "G" cement.
2. **Plug #2** Set 252' plug from 5216'-5468' with 30 sxs Class "G" cement.
3. **Plug #3** Set 312' plug from 4784'-5096' with 30 sxs Class "G" cement.
4. **Plug #4** Set 157' plug from 4499'-4656' with 30 sxs Class "G" cement.
5. **Plug #5** Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
6. **Plug #6** Set 100' plug from 253'-353' (50' on either side of casing shoe) with 15 sxs Class "G" cement.
7. **Plug #7** Set 50' plug from surface with 10 sxs Class "G" cement.
8. **Pump 10 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement 303' to surface.**

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

Tar Sands Federal #7-31

Spud Date: 7/2/97
 Put on Production: 7/31/97
 GL: 5298' KB: 5310'

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (302.65')
 DEPTH LANDED: 304.45'(GL)
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt, est 6 bbbs cmt to surf.

PRODUCTION CASING

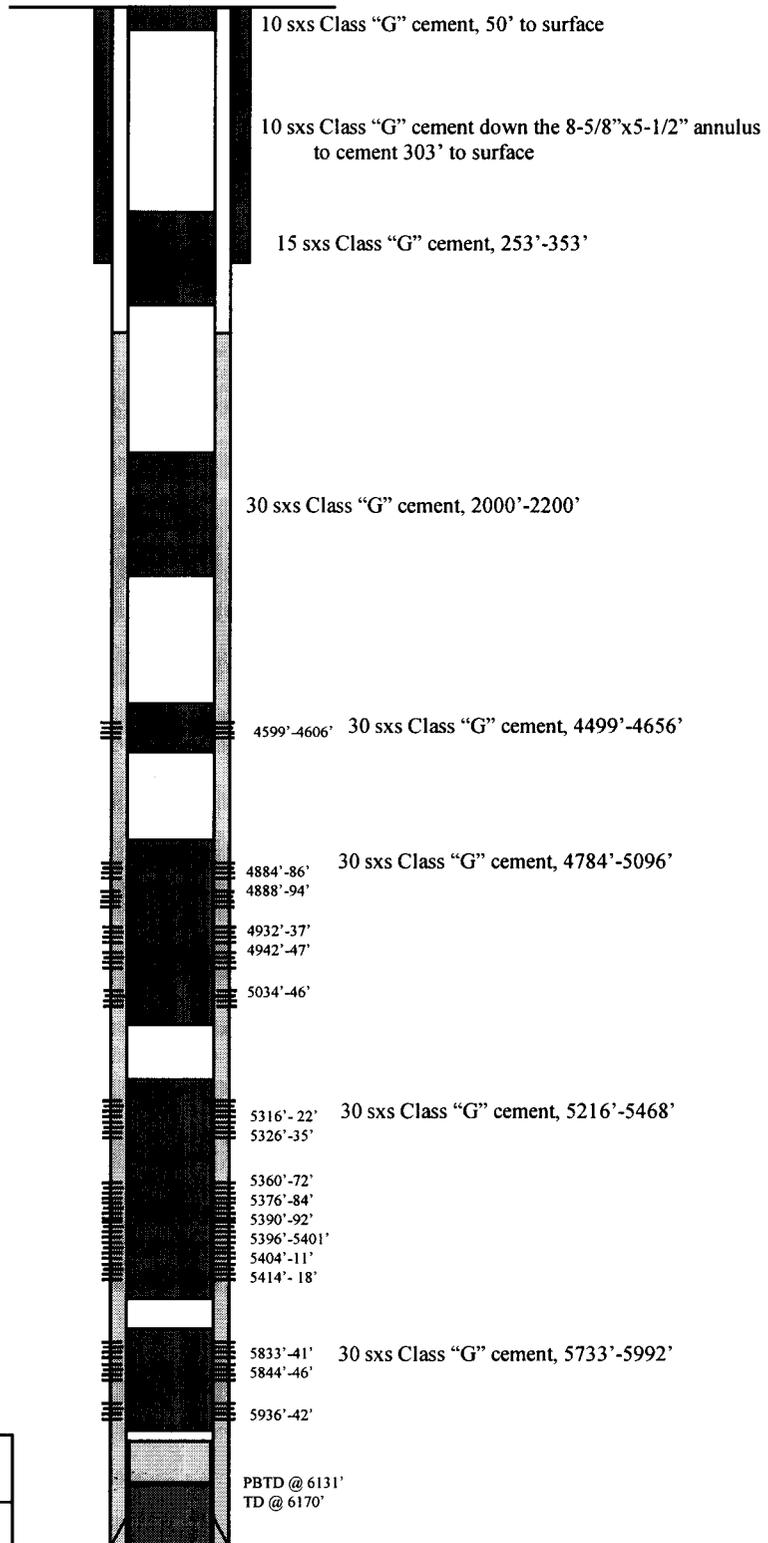
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 146 jts. (6180.51')
 DEPTH LANDED: 6164.75'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 360 sk HiBond mixed & 340 sxs thixotropic
 CEMENT TOP AT: 1305' per CBL

TUBING

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

SUCKER RODS

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





Inland Resources Inc.
Tar Sands Federal #7-31
 1870 FEL 1947 FNL
 SWNE Section 31-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31684; Lease #U-74869



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

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

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

March 10, 1998

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

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

Gentlemen:

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

Sincerely,

Lorraine Platt

Lorraine Platt
Secretary

Enclosure



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

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

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

March 10, 1998

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

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

Gentlemen:

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

Sincerely,

A handwritten signature in cursive script that reads "Lorraine Platt".

Lorraine Platt
Secretary

Enclosure

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

Publication Notices were sent to the following:

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

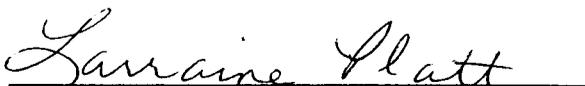
Inland Production Company
P.O. Box 1446
Roosevelt, Utah 84066

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

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

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

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



Lorraine Platt

Secretary

March 10, 1998



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

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

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

April 2, 1998

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

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

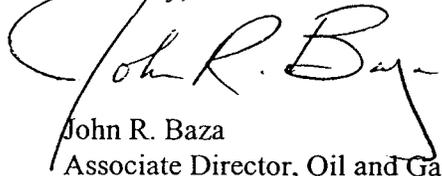
Gentlemen:

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

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

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

Sincerely,



John R. Baza
Associate Director, Oil and Gas

lwp

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

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

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF INLAND	:	ACTION
PRODUCTION COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC-207
THE 3-30, 1-30, 7-30, 11-30, 9-30,	:	
15-30, 7-31 AND 3-31 WELLS	:	
LOCATED IN SECTIONS 30 AND 31,	:	
TOWNSHIP 8 SOUTH, RANGE 17	:	
EAST, S.L.M., DUCHESNE COUNTY,	:	
UTAH, AS CLASS II INJECTION	:	
WELLS	:	

---ooOoo---

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

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

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

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

Dated this 10th day of March 1998.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING


John R. Baza
Associate Director

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company

Well: Tar Sands Fed. 7-31

Location: 31/8S/17E

API: 43-013-31684

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

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

Well Integrity: The proposed well has surface casing set at 304 feet and is cemented to surface. A 5 ½ inch production casing is set at 6164 feet and has a reported cement top at 1305 feet. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set approximately 50 feet above the injection zone. A mechanical integrity test will be run on the well prior to injection. There are 8 producing wells and 1 plugged and abandoned well in the area of review. The producing wells have adequate casing and cement and the plugged well has adequate plugs. No corrective action will be required.

Ground Water Protection: The base of moderately saline water is at a depth of approximately 1300 feet. Injection shall be limited to the interval between 3880 feet and 6150 feet in the Green River Formation (actual zone is 4599-5942). Information submitted by Inland indicates that the fracture gradient for the 7-31 well is .74 psig/ft. The resulting fracture pressure is 1778 psig. The requested maximum pressure was 1778 psi. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

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

Tar Sands 7-31
Page 2

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action was published in both the Salt Lake Tribune and the Uinta Basin Standard. Conditions of approval as set forth are: A casing tubing pressure test be run prior to injection, maximum surface pressure limited to 1778 psi., rate will be limited by pressure and Inland will adhere to all operational procedures as written in their application for approval to convert the well to a class II injection well.

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

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

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

SAND WASH (GR RVR)

8. Well Name and No.

TAR SANDS FED 7-31

9. API Well No.

43-013-31684

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

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

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

1947 FNL 1870 FEL SW/NE Section 31, T08S R17E

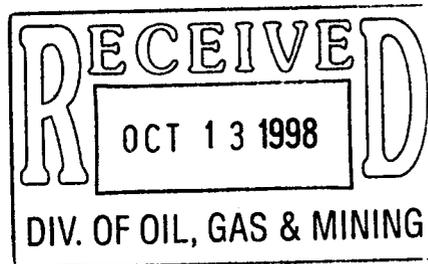
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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



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

Signed

Rebbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/8/98

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Inland Production Company

Site Facility Diagram

Tar Sands 7-31

SW/NE Sec. 31, T8S, 17E

Duchesne County

Sept. 17, 1998

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

Production Phase:

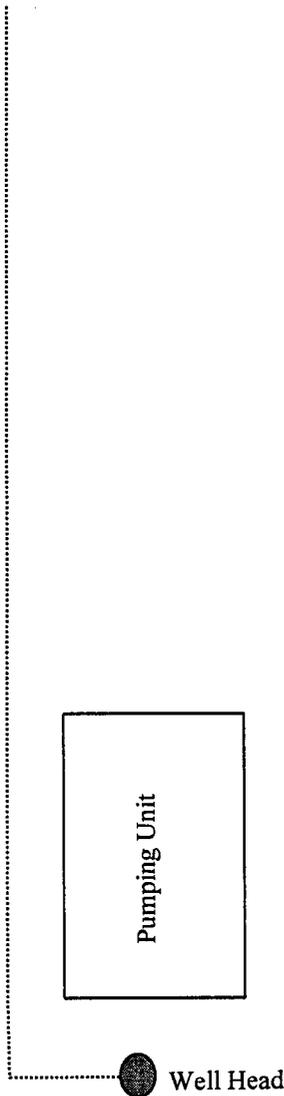
- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

Sales Phase:

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

Draining Phase:

- 1) Valve 3 open



Legend

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

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	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		7. UNIT AGREEMENT NAME SAND WASH (GR RVR)	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		8. FARM OR LEASE NAME TAR SANDS FED 7-31	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/NE Section 31, T8S R17E 1947 FNL 1870 FEL		9. WELL NO. TAR SANDS FED 7-31	
14 API NUMBER 43-013-31684		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5298 GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/NE Section 31, 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"/> Injection Conversion	
(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.)*

The subject well was converted from a producing well to an injecting well on 11/28/03. The rods and tubing anchor were removed and a packer was inserted in bottom hole assembly at 4333'. The well was also recompleted in the Green River Formation one new interval was perforated the GB6 sds 4416'-4420' w/4JSPF for a total of 16 shots. On 12/2/03 Mr. Dan Jackson w/EPA was notified of the intent to conduct a MIT on the casing. On 12/4/03 the casing was pressured to 1465psi w/no pressure loss charted in the 1/2 hour test. No governmental agencies were able to witness the test.

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 12/5/2003
Krishna Russell

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

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

* See Instructions On Reverse Side

RECEIVED
DEC 08 2003
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 12 / 4 / 03
 Test conducted by: BRET HENRIE
 Others present: _____

Well Name: <u>TAR SANDS FED. 7-31-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>SANDWASH UNIT</u>		
Location: <u>SW/NE</u> Sec: <u>31</u> T <u>8</u> N/S R <u>17</u> E/W	County: <u>DICHESNE</u>	State: <u>UT</u>
Operator: <u>INLAND</u>		
Last MIT: <u>- / - / -</u>	Maximum Allowable Pressure: <u>- NA -</u>	PSIG

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

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>500</u> psig	psig	psig
End of test pressure	<u>500</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1465</u> psig	psig	psig
5 minutes	<u>1465</u> psig	psig	psig
10 minutes	<u>1465</u> psig	psig	psig
15 minutes	<u>1465</u> psig	psig	psig
20 minutes	<u>1465</u> psig	psig	psig
25 minutes	<u>1465</u> psig	psig	psig
30 minutes	<u>1465</u> psig	psig	psig
minutes	psig	psig	psig
minutes	psig	psig	psig
RESULT	[X] Pass [] Fail	[] Pass [] Fail	[] Pass [] Fail

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

TAR SANDS FEDERAL
7-31-8-17

SANDWASH UNIT

9:00 A
12/4 '03



9:30 A
12/4 '03

End



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

Ref: 8P-W-GW

JAN 23 2004

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

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

RE: UNDERGROUND INJECTION CONTROL (UIC)
180-DAY LIMITED AUTHORIZATION TO
INJECT and MINOR PERMIT MODIFICATION
UT20847-04443
Tar Sands Federal No. 7-31
SW NE Sec. 31 - T8S - R17E
Duchesne County, Utah

Dear Mr. Guinn:

The December 5, 2003 Inland Production Company (Inland) submission of Prior to Commencing Injection documents, did not contain all documents cited in the Additional Well to the Sand Wash Area Permit. Inland did not submit the Part II (External) Mechanical Integrity Test. The submitted data included the Well Rework Form, pore pressure, and December 4, 2003 Part I (Internal) Mechanical Integrity Test. All submitted documents were reviewed and approved by the Environmental Protection Agency (EPA) on December 8, 2003.

Absent the Part II (External) Mechanical Integrity Test (MIT), the operator is required to demonstrate this test within a 180-day Limited Authorization to Inject period. Approved tests for demonstrating Part II (External) Mechanical Integrity include a Temperature Survey, Oxygen Activation Log, and EPA Region VIII may also accept the results of a Radioactive Tracer Survey (RATS) under certain circumstances. The "Limited Authorization Period" allows injection for the purpose of stabilizing the injection formation prior to demonstrating Part II MIT, which is necessary because the proposed injection zone is under-pressured due to previous oil production from the zones, and the tests rely on stable formation pressure. Results of tests shall be submitted to the EPA at the letterhead

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JAN 26 2004



address. Upon review and approval of the test, the Director will advise the operator by letter to continue with injection at a specified pressure. EPA Guidance for each test is enclosed.

The Environmental Protection Agency (EPA) has modified the August 6, 1998 authority for an ADDITIONAL WELL TO THE SAND WASH AREA PERMIT, UT20847-04443.

- A maximum surface injection pressure of **948 psig** has replaced the former injection pressure of 1403 psig. Additional shallower perforations, and review of Area Permit fracture gradients (0.650 psi/ft instead of 0.740 psi/ft) combined to lower the MIP.
- Recorrelation of Green River Formation Member tops, especially revising the top of the Garden Gulch Member from 4193 feet to 3890 feet, necessitated modifying the authorized injection interval to **3890 feet to the top of the Wasatch Formation (Estimated at 6160 feet)**.
- The confining zone overlying the top of the Garden Gulch Member has also been modified to be **3848 feet to 3890 feet**.

All other provisions and conditions of the additional well to the Sand Wash Area Permit UT20847-04443 shall remain as originally issued.

If you have any questions relative to the above actions, please contact Dan Jackson at 1.800.227.8917 (Ext. 6155). Please continue to submit all compliance correspondence concerning the referenced permit to the ATTENTION: NATHAN WISER, U.S. EPA 8ENF-T, 999 18TH STREET: SUITE 300, DENVER, CO 80202-2466. You may telephone Mr. Wisner at 1.800.227.8917 (Ext. 6211).

Sincerely,

Carol S. Campbell

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

Encl: Minor Permit Modification No. 1
Addendum to the Statement of Basis
Ground Water Section Guidance No. 34: CBL Analysis
Ground Water Section Guidance No. 37: (External MIT)
Ground Water Section Guidance for Temperature Logging
Ground water Section Guidance for Oxygen Activation Logs
Ground Water Guidance for Radioactive Tracer Survey

cc: w/ encl: 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
1401 Seventeenth Street - Suite 1000
Denver, CO 80202

Mr. Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple - Suite 1220
Salt Lake City, UT 84114-5801

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

Mr. Nathan Wiser
8ENF-T

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

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

1947 FNL 1870 FEL SW/NE Section 31, T8S R17E

5. Lease Designation and Serial No.

U-76956

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

SAND WASH (GR RVR)

8. Well Name and No.

TAR SANDS FED 7-31

9. API Well No.

43-013-31684

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Report of first injection**

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

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

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

The above referenced well was put on injection at 12:45 p.m. on 1/29/04.

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

FEB 02 2004

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

Signed

Mandie Crozier
Mandie Crozier

Title

Regulatory Specialist

Date

1/30/2004

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU74869

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
SAND WASH UNIT

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

8. WELL NAME and NUMBER:
TAR SANDS FED 7-31

2. NAME OF OPERATOR:
Inland Production Company

9. API NUMBER:
4301331684

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: 1947 FNL 1870 FEL

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NE, 31, T8S, R17E

STATE: Utah

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

TYPE OF ACTION

TYPE OF SUBMISSION

TYPE OF ACTION

<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____ <input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/19/2004	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

A step rate test was conducted on the subject well on July 15, 2004. Results from the test indicate that the fracture gradient is .676 psi/ft. Therefore, Inland is requesting that the maximum allowable injection pressure (MAIP) be changed to 1065 psi.

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

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JUL 20 2004
DIV. OF OIL, GAS & MINING

NAME (PLEASE) Mike Guinn

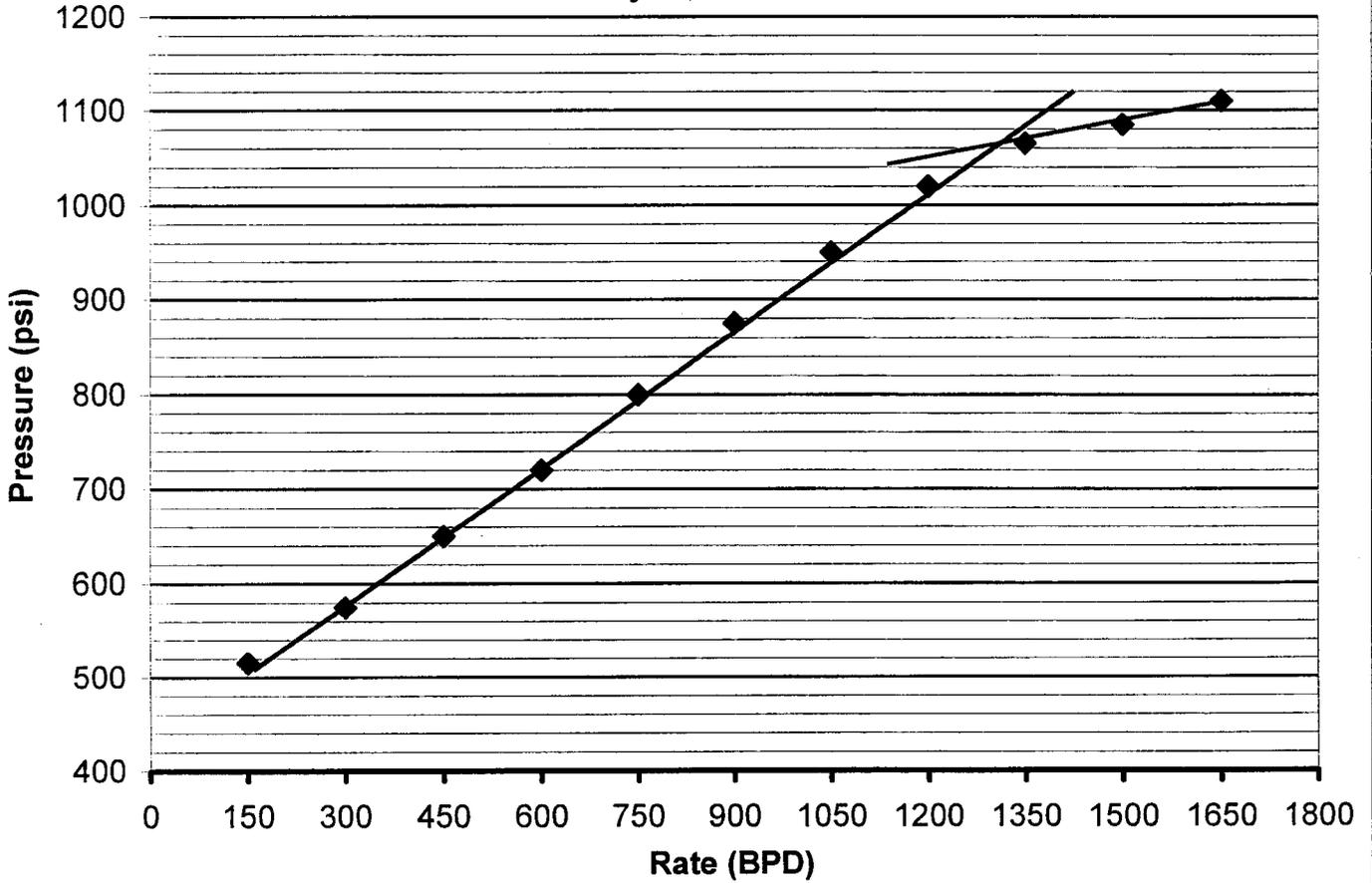
TITLE Engineer

SIGNATURE



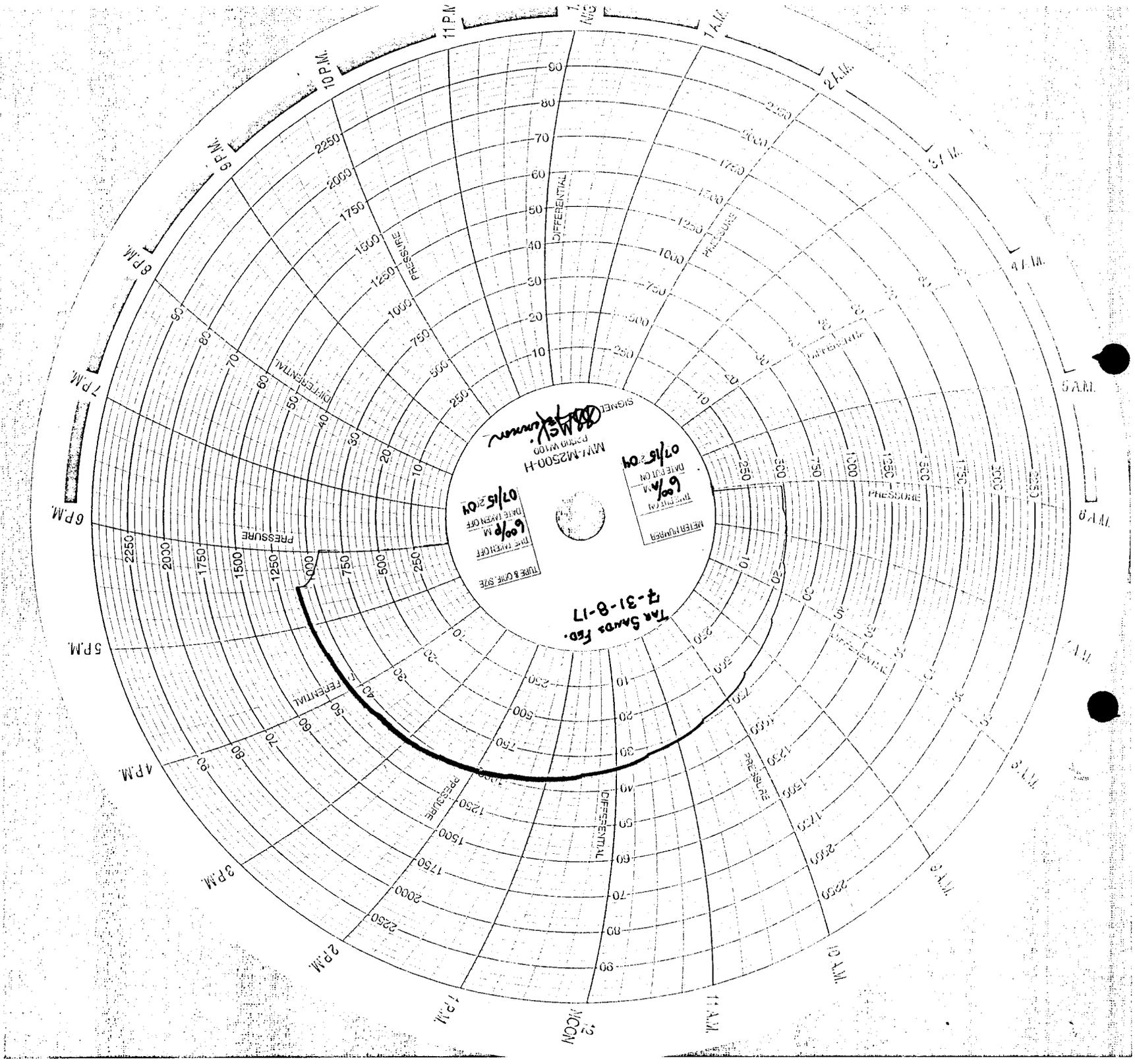
DATE July 19, 2004

**Tar Sands Federal 7-31-8-17
Sandwash Unit
Step Rate Test
July 15, 2004**



Start Pressure: 480 psi
Instantaneous Shut In Pressure (ISIP): 1070 psi
Top Perforation: 4416 feet
Fracture pressure (Pfp): 1065 psi
FG: 0.676 psi/ft

<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
1	150	515
2	300	575
3	450	650
4	600	720
5	750	800
6	900	875
7	1050	950
8	1200	1020
9	1350	1065
10	1500	1085
11	1650	1110





United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

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

NEW OPERATOR

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

(This space for State use only)

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

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

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

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 10 / 8 / 2008
 Test conducted by: Dave Cloward
 Others present: _____

Well Name: <u>Tar Sands Federal 7-31-8-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>SW/NE</u> Sec: <u>31</u> T <u>8</u> N/ <u>S</u> R <u>17E</u> /W	County: <u>Duchesne</u>	State: <u>ut</u>
Operator: <u>Newfield exp.</u>		
Last MIT: <u>12/4/03</u>	Maximum Allowable Pressure: <u>1065</u>	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: 30 bpd

Pre-test casing/tubing annulus pressure: 0 psig

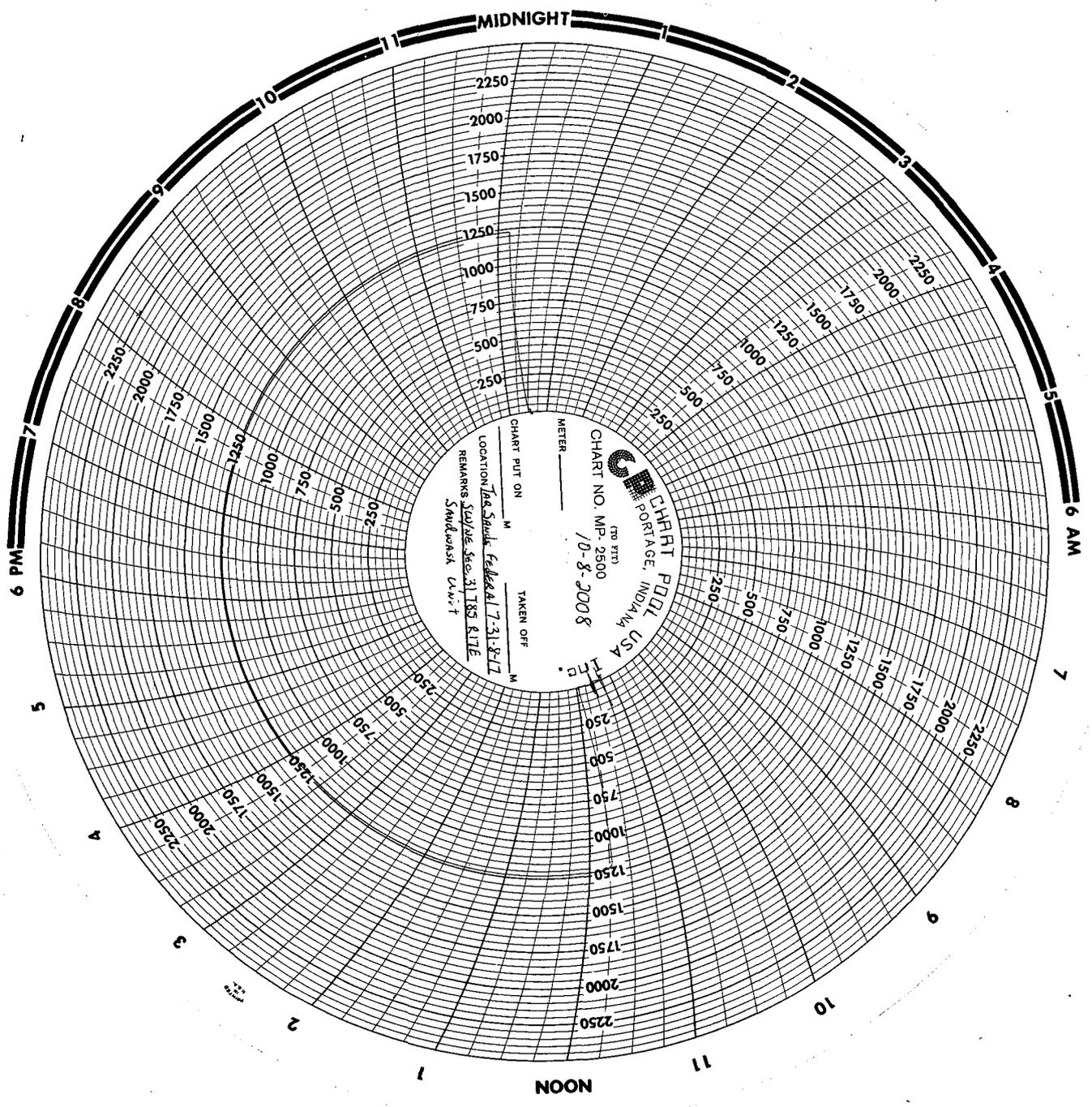
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>750</u> psig	psig	psig
End of test pressure	<u>750</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1240</u> psig	psig	psig
5 minutes	<u>1240</u> psig	psig	psig
10 minutes	<u>1240</u> psig	psig	psig
15 minutes	<u>1240</u> psig	psig	psig
20 minutes	<u>1240</u> psig	psig	psig
25 minutes	<u>1240</u> psig	psig	psig
30 minutes	<u>1240</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: _____



C CHARTRI PPOOL USA INC.
(TPO BY)
CHART NO. MP-2500
10-8-2008
LOCATION: 100 S. ...
REMARKS: ...
SANDWASH UNIT

CHART PUT ON _____ M
TAKEN OFF _____ M

METER _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: TAR SANDS FED 7-31
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013316840000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1947 FNL 1870 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 31 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/3/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

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

5 YR MIT performed on the above listed well. On 09/03/2013 the casing was pressured up to 1060 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 580 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04443

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
October 17, 2013**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 9/10/2013	

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: Sept 3 2013
 Test conducted by: Don Trane
 Others present: _____

Well Name: <u>Tar Sands Federal 7-31-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Montevideo Buffer</u>		
Location: <u>7</u> Sec: <u>31</u> T: <u>8</u> N(S) R: <u>17</u> E/W	County: <u>Duchesne</u>	State: <u>Utah</u>
Operator: <u>Don Trane</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: _____ psig

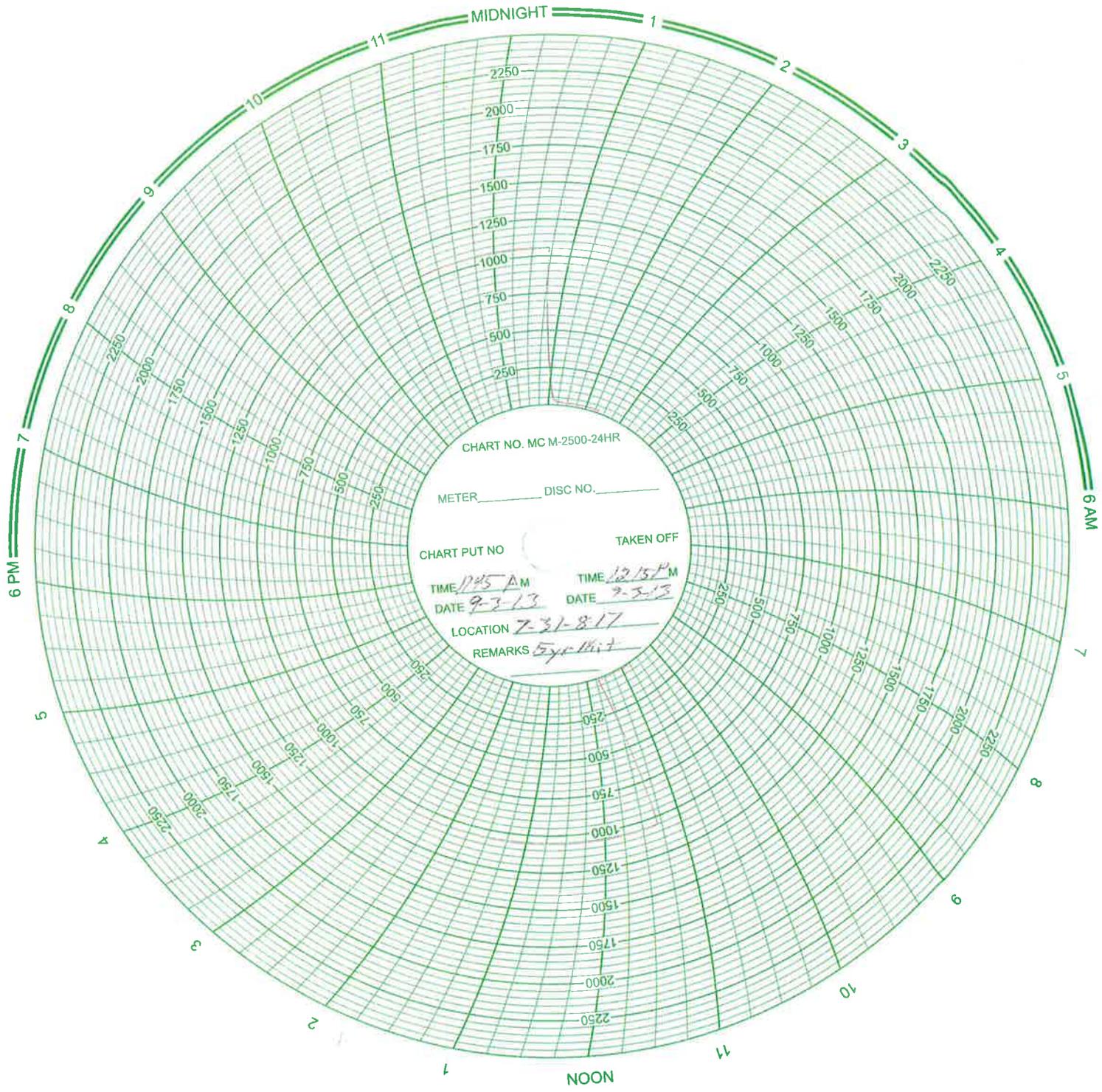
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>643</u> psig	psig	psig
End of test pressure	<u>580</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1060</u> psig	psig	psig
5 minutes	<u>1060</u> psig	psig	psig
10 minutes	<u>1060</u> psig	psig	psig
15 minutes	<u>1060</u> psig	psig	psig
20 minutes	<u>1060</u> psig	psig	psig
25 minutes	<u>1060</u> psig	psig	psig
30 minutes	<u>1060</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass [] Fail	[] Pass [] Fail	[] Pass [] Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____



Tar Sands Federal #7-31-8-17

Spud Date: 7/2/97
 POP: 7/31/97
 GL: 5298' KB: 5310'

Initial Production: 247 BOPD,
 240 MCTPD, 16 BWPD

Injection Wellbore Diagram

SURFACE CASING

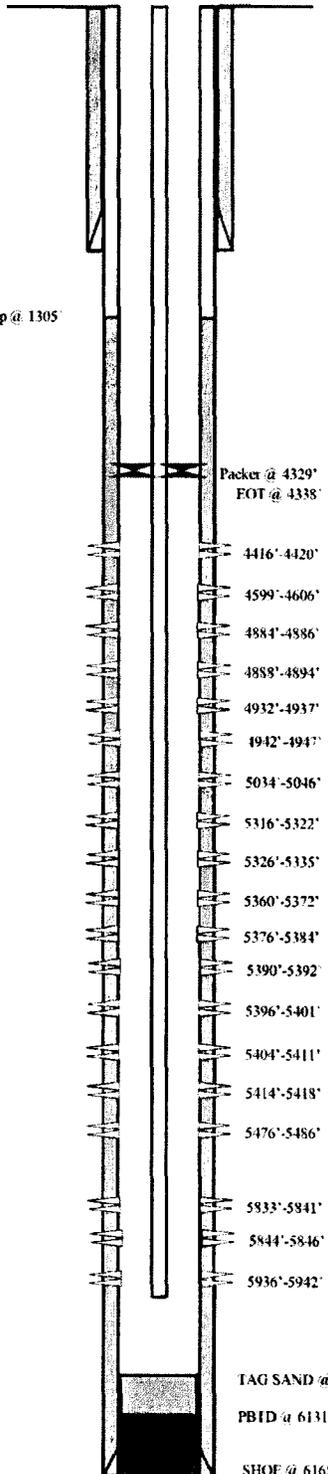
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (302.65')
 DEPTH LANDED: 312' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium cmt. est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 146 jts. (6180.51')
 DEPTH LANDED: 6164.75' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 360 sk HiBond mixed & 340 sxs thixotropic
 CEMENT TOP AT: 1305' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"/M-50.6.5#
 NO. OF JOINTS: 139 jts. (4312.52')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4324.50' KB
 TOTAL STRING LENGTH: EOT @ 4338.00' W/12' KB



FRAC JOB

7/18/97 5833'-5942' Frac CP-2 & CP-3 sands as follows:
 96,000# of 20/40 sand in 519 bbls of Boragel.
 Treated @ avg press of 1300 psi w/avg rate of
 26.5 bpm. ISIP-1835 psi. Calc. flush: 5833
 gal. Actual flush: 5762 gal.

7/21/97 5316'-5486' Frac A-3 sands as follows:
 149,200# of 20/40 sand in 694 bbls of
 Boragel. Treated @ avg press of 1550 psi
 w/avg rate of 45 bpm. ISIP-1958 psi. Calc.
 flush: 5316 gal. Actual flush: 5238 gal.

7/23/97 4884'-5046' Frac D-1, D-2 & C sands as follows:
 137,700# of 20/40 sand in 650 bbls of
 Boragel. Treated @ avg press of 2200 psi
 w/avg rate of 36 bpm. ISIP-3204 psi. Calc.
 flush: 4884 gal. Actual flush: 54796 gal.

7/24/97 4599'-4606' Frac PB-10 sands as follows:
 73,600# of 20/40 sand in 398 bbls of
 Boragel. Treated @ avg press of 2231 w/avg
 rate of 22.2 bpm. ISIP-3206 psi. Calc. flush:
 4599 gal. Actual flush: 4480 gal.

6/11/99 Pump change

12/12/00 Pump change. Updated rod and tubing details.

10/20/03 Parted rods. Updated rod and tubing details.

11/28/03 Well converted to an Injection well.

10/8/08 5 Year MITT completed and submitted.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
7/17/97	5833'-5841'	4 JSPF	32 holes
7/17/97	5844'-5846'	4 JSPF	8 holes
7/17/97	5936'-5942'	4 JSPF	24 holes
7/19/97	5316'-5322'	2 JSPF	12 holes
7/19/97	5326'-5335'	2 JSPF	18 holes
7/19/97	5360'-5372'	2 JSPF	24 holes
7/19/97	5376'-5384'	2 JSPF	16 holes
7/19/97	5390'-5392'	2 JSPF	4 holes
7/19/97	5396'-5401'	2 JSPF	10 holes
7/19/97	5404'-5411'	2 JSPF	14 holes
7/19/97	5414'-5418'	2 JSPF	8 holes
7/22/97	4884'-4886'	4 JSPF	8 holes
7/22/97	4888'-4894'	4 JSPF	24 holes
7/22/97	4932'-4937'	4 JSPF	20 holes
7/22/97	4942'-4947'	4 JSPF	20 holes
7/22/97	5034'-5046'	4 JSPF	48 holes
7/24/97	4599'-4606'	4 JSPF	28 holes

TAG SAND @ 6010

PBID @ 6131'

SHOE @ 6165'

TD @ 6170'



Tar Sands Federal #7-31-8-17
 1870' FEL & 1947' FNL
 SWNE Section 31-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31684; Lease #U-74869