

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

2. NAME OF OPERATOR Inland Production Company

3. ADDRESS OF OPERATOR P.O. Box 1446 Roosevelt, UT 84066 Phone: (801) 722-5103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At Surface SE/NW At proposed Prod. Zone 1802' FWL & 1871' FNL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9.5 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) 1802'
16. NO. OF ACRES IN LEASE 1968.01
17. NO. OF ACRES ASSIGNED TO THIS WELL 40

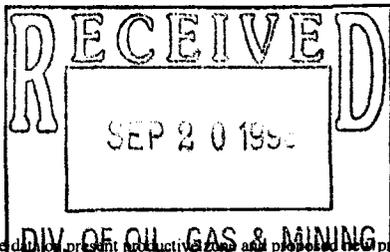
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 3030'
19. PROPOSED DEPTH 6500'
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5373.3'
22. APPROX. DATE WORK WILL START* December 1996

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 12 1/4" hole with 8 5/8" casing and 7 7/8" hole with 5 1/2" casing.

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



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

24. SIGNED Brad Mechem [Signature] TITLE District Operations Manager DATE 9/12/96

(This space for Federal or State office use)

PERMIT NO. 43-013-31712 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY:

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

*See Instructions On Reverse Side

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

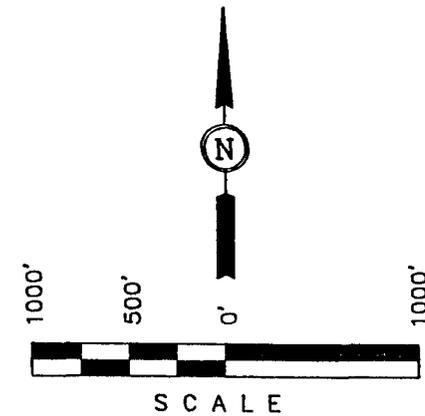
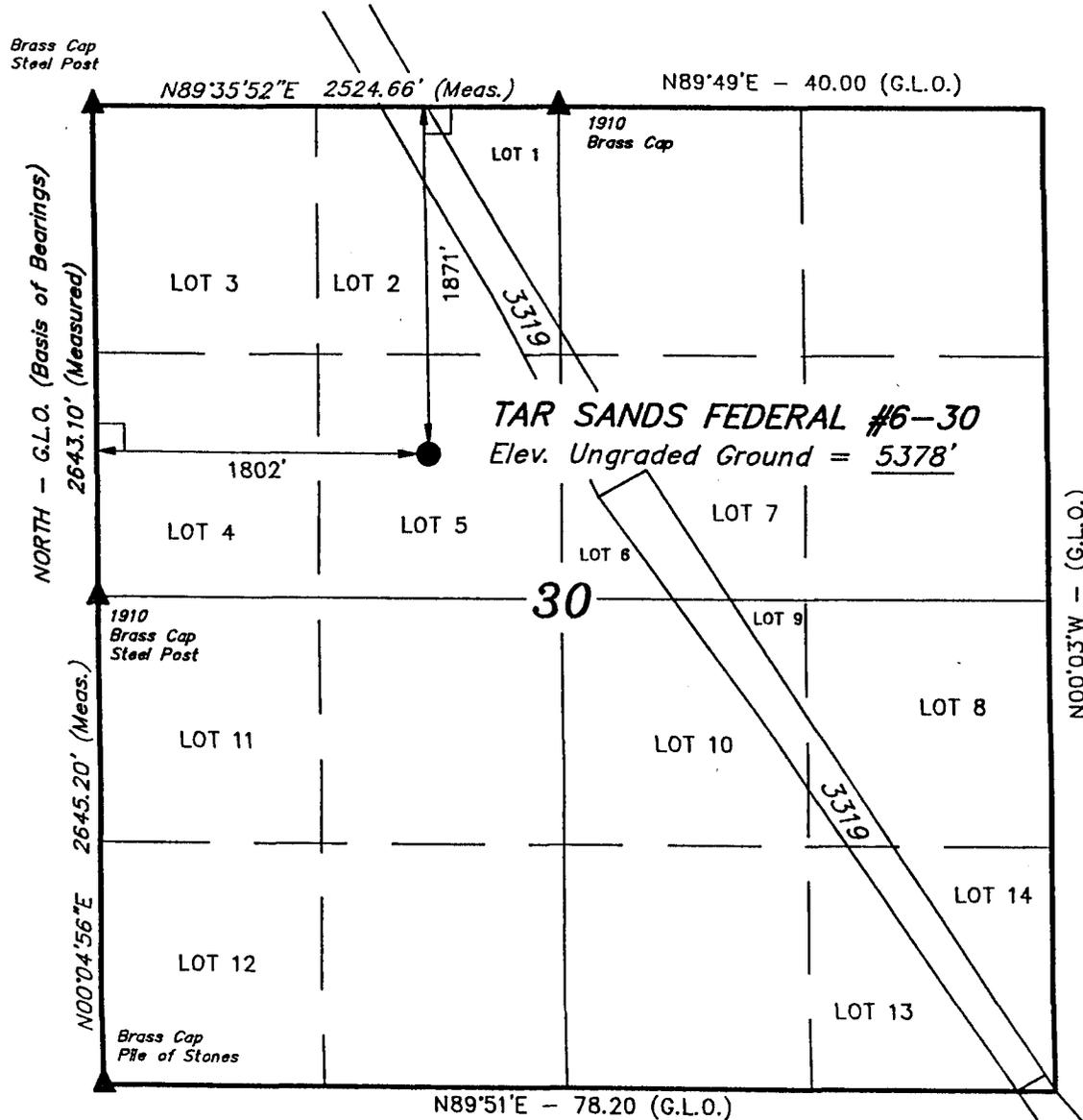
INLAND PRODUCTION CO.

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

Well location, TAR SANDS FEDERAL #6-30, located as shown in Lot 5 of Section 30, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 30, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5395 FEET.



CERTIFICATE

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

Robert L. Hay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

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

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(801) 789-1017

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



September 18, 1996

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

ATTENTION: Ed Forsman

RE: Tar Sands Federal #6-30
SE/NW Sec. 20, T8S R17E

Tar Sands Federal #14-30
SE/SW Sec. 30, T8S, R17E

Dear Ed,

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

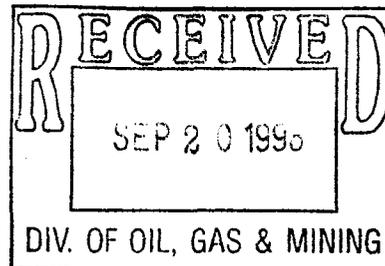
Please contact me in the Roosevelt office (801 722-5103), if you have questions, or need additional information.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

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

Enclosures
/cc



**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #6-30
SE/NW SECTION 30, T8S, R17E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

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

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

Green River Formation 3050' - 6600' - & Oil

4. **PROPOSED CASING PROGRAM**

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

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

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

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

(See Exhibit F)

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

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

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

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

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

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

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

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

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

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

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #6-30
SE/NW SECTION 30, T8S, R17E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Tar Sands Federal #6-30 located in the SE 1/4 NW 1/4 Section 30, T8S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles \pm to the junction of this highway and Utah State Highway 53; proceed southeasterly along Utah State Highway 8.0 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 SE 1/4 NW 1/4 Section 30, T8S, R17E, S.L.B., and proceeds in a northeasterly direction approximately 30' \pm , to the proposed location site.

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

The existing two track road will be upgraded to the same conditions as the access road.

TAR SANDS FEDERAL #6-30

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

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

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

3. LOCATION OF EXISTING WELLS

There are fourteen (14) producing and one (1) injection, Inland Production wells, within a one (1) mile radius of this well. See Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

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

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

Tank batteries will be built to BLM specifications.

5. LOCATION AND TYPE OF WATER SUPPLY

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte oilfield. Johnson Water District has given permission to Inland Production Company to use water from our system for the purpose of drilling and completing the Tar Sands Federal #6-30.

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

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

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

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

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

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

A portable toilet will be provided for human waste.

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

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

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

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

No flare pit will be used at this location.

The stockpiled topsoil (first six (6) inches) will be stored on the northeast corner, between stakes 5 & 6.

Access to the well pad will be from the west corner, between stakes 2 & 3.

The southwest corner will be rounded to avoid drainage.

Fencing Requirements

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

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

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

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

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

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

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

b) *Dry Hole Abandoned Location*

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

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

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

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

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 #6-30, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Tar Sands Federal #6-30, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham
Address: P.O. Box 1446 Roosevelt, Utah 84066
Telephone: (801) 722-5103

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Tar Sands Federal #6-30 SE/SE Section 30, Township 8S, Range 17E: Lease U-74869, Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

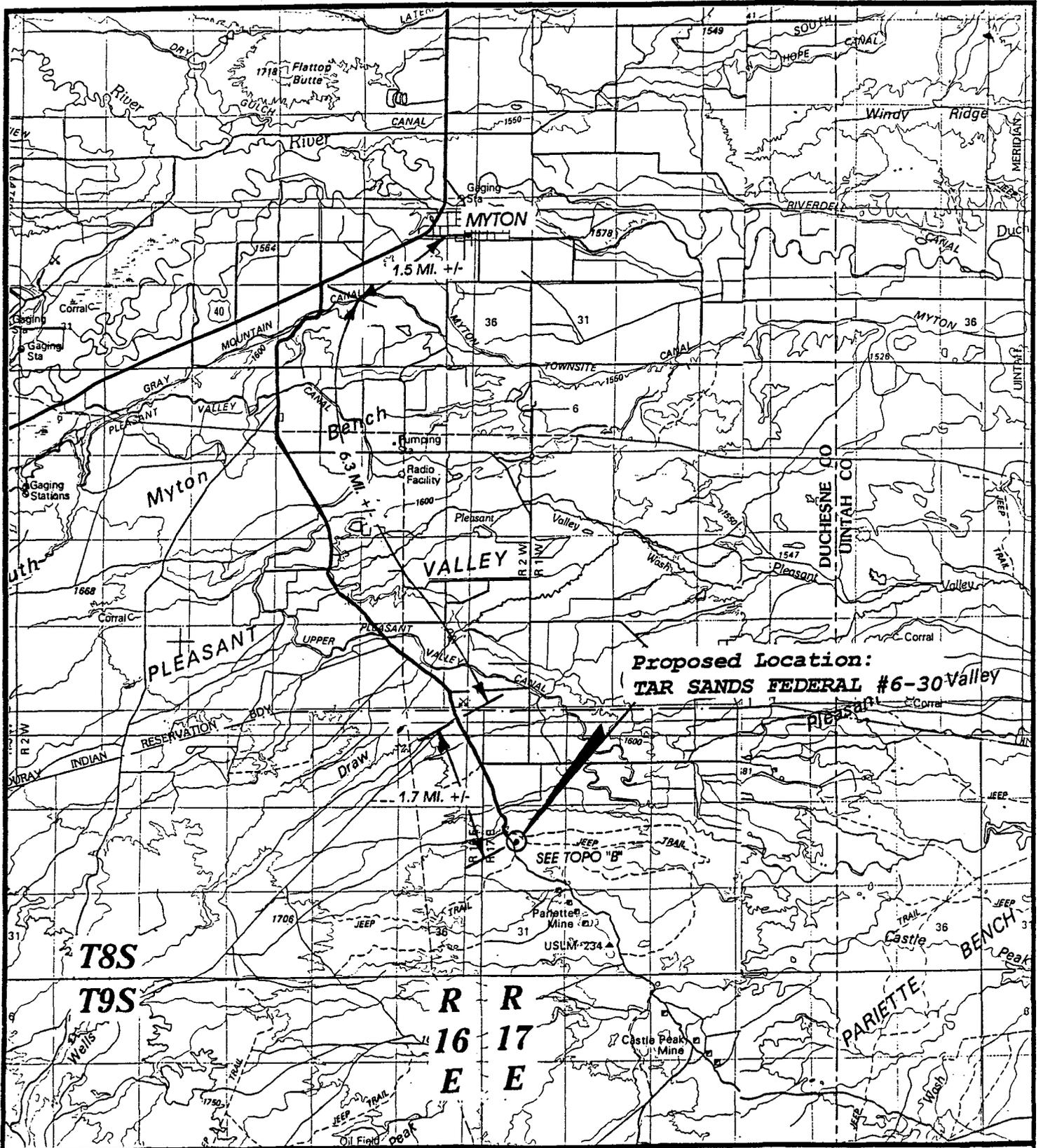
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with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

9-17-96

Date

Brad Mecham

Brad Mecham
District Operations Manager



UELS

TOPOGRAPHIC
 MAP "A"

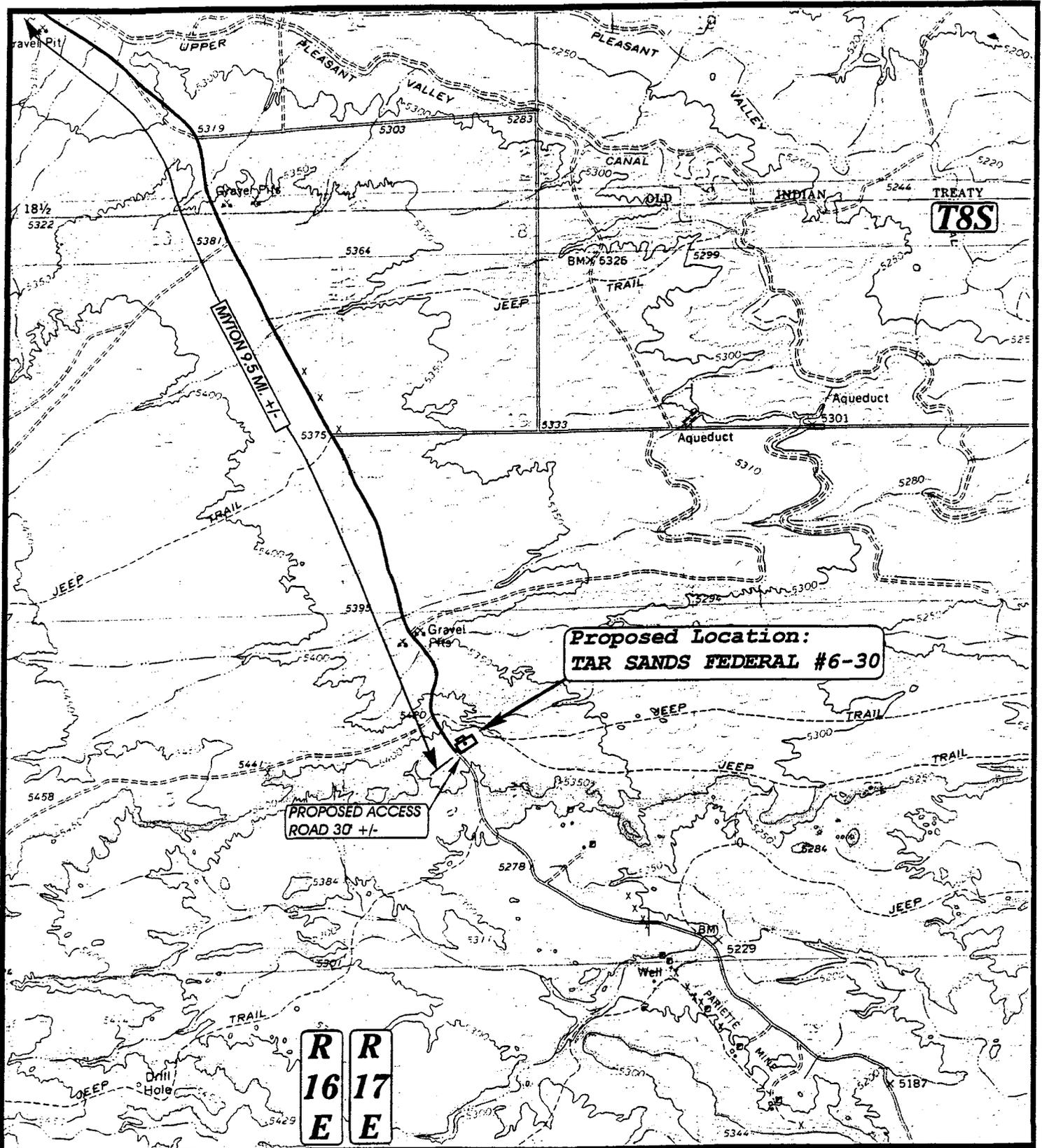
DATE: 7-23-96
 Drawn by: C.G.



INLAND PRODUCTION COMPANY

TAR SANDS FEDERAL #6-30
SECTION 30, T8S, R17E, S.L.B.&M.
1871' FNL 1802' FWL

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



**Proposed Location:
TAR SANDS FEDERAL #6-30**

**PROPOSED ACCESS
ROAD 30' +/-**

**R R
16 17
E E**

UELS

**TOPOGRAPHIC
MAP "B"**

**DATE: 7-23-96
Drawn by: D.R.B.**

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

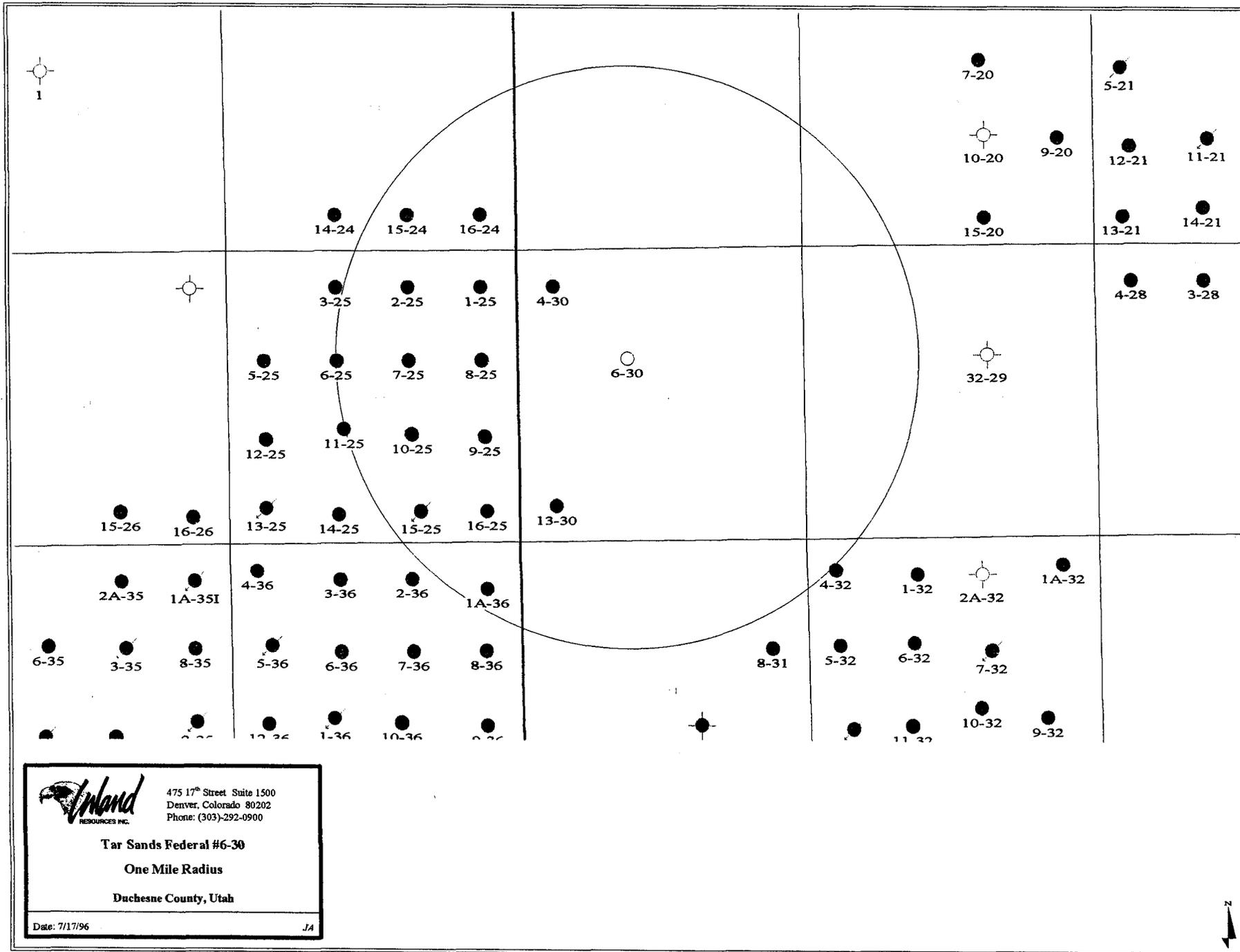


INLAND PRODUCTION CO.

**TAR SANDS FEDERAL #6-30
SECTION 30, T8S, R17E, S.L.B.&M.
1871' FNL 1802' FWL**

SCALE: 1" = 2000'

EXHIBIT "D"



Inland
RESOURCES INC.

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

Tar Sands Federal #6-30

One Mile Radius

Duchesne County, Utah

Date: 7/17/96 JA

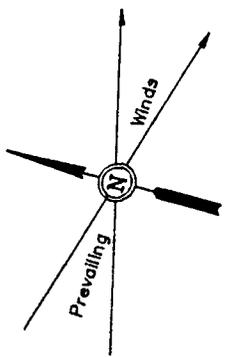


INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

TAR SANDS FEDERAL #6-30
SECTION 30, T8S, R17E, S.L.B.&M.
1871' FNL 1802' FWL

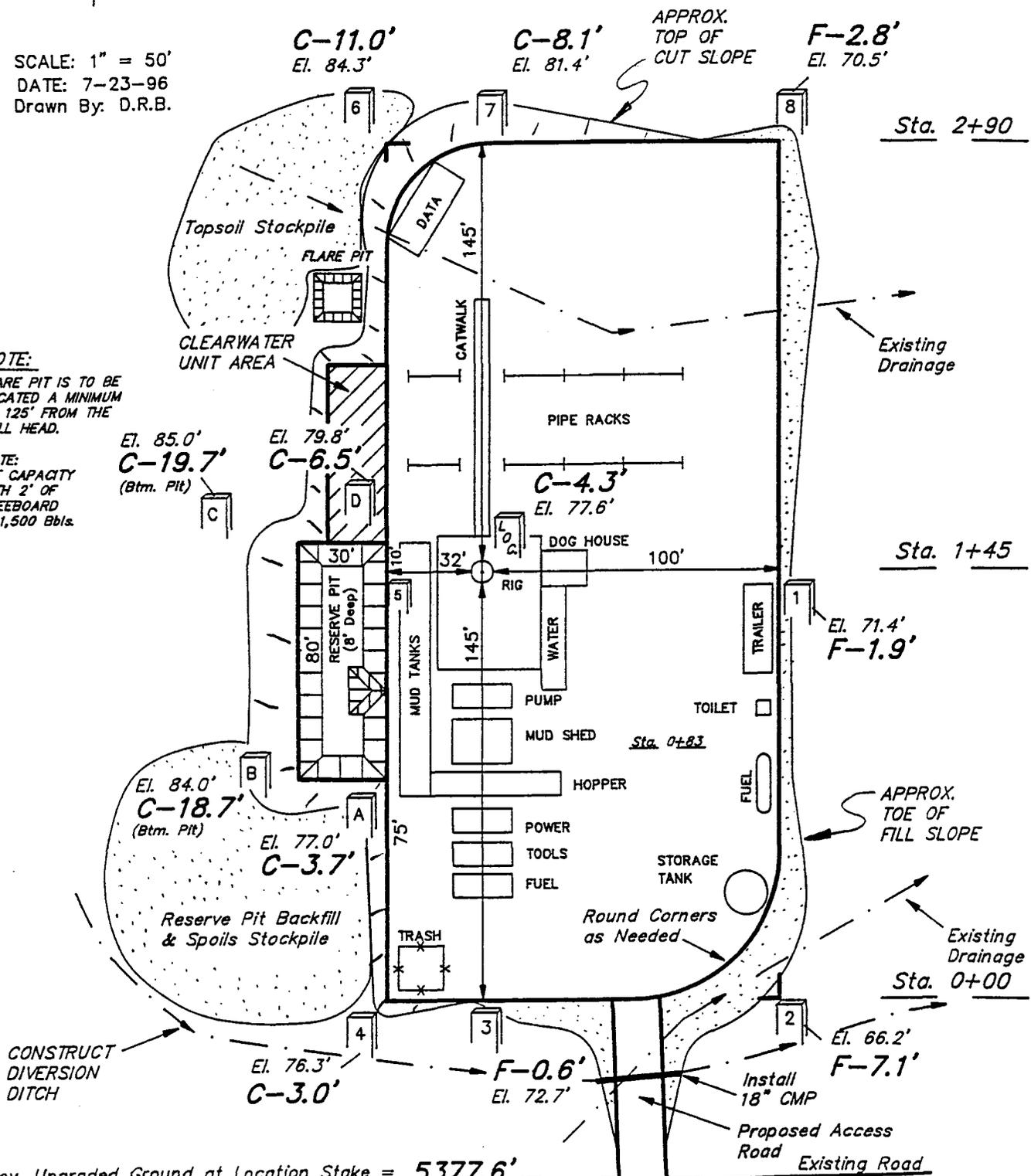
Ray



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

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

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



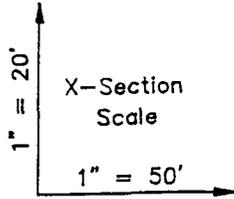
Elev. Ungraded Ground at Location Stake = 5377.6'
Elev. Graded Ground at Location Stake = 5373.3'

INLAND PRODUCTION CO.

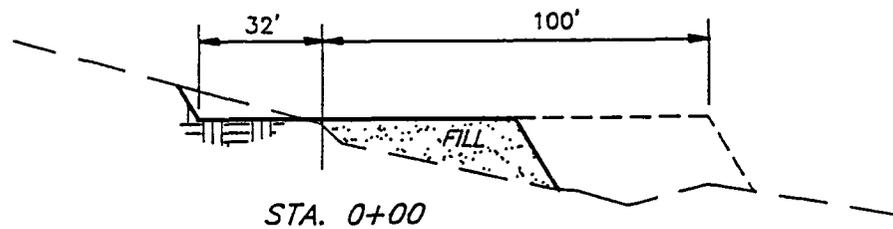
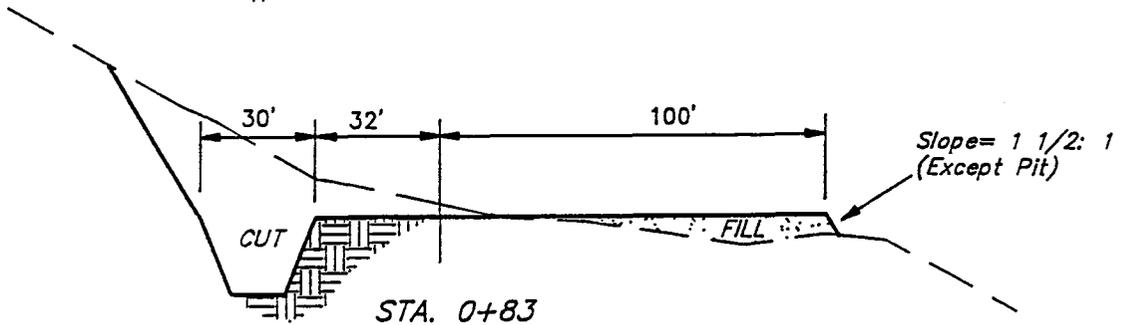
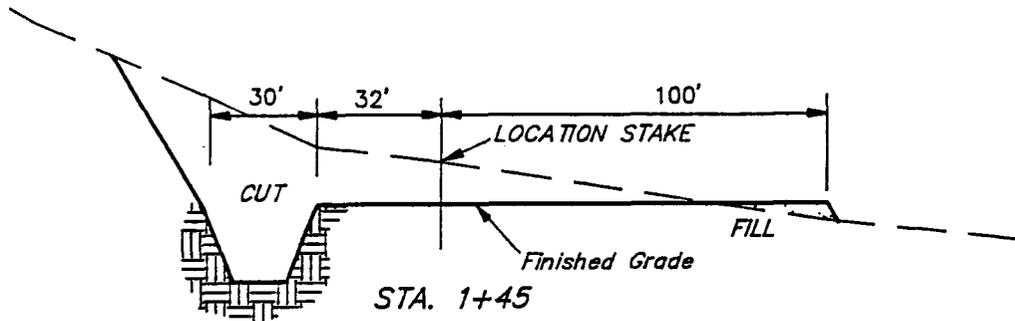
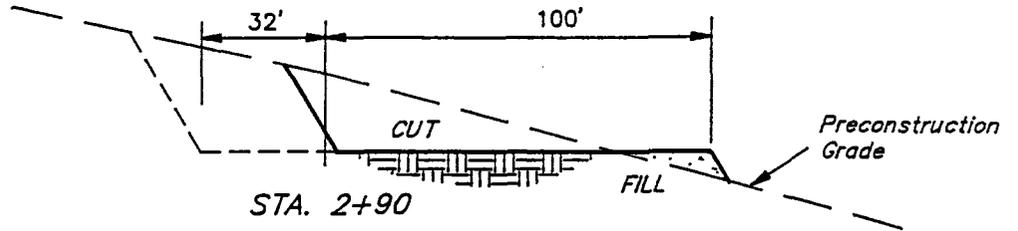
TYPICAL CROSS SECTIONS FOR

TAR SANDS FEDERAL #6-30
SECTION 30, T8S, R17E, S.L.B.&M.
1871' FNL 1802' FWL

Ray



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



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

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 750 Cu. Yds.
Remaining Location	= 3,210 Cu. Yds.
TOTAL CUT	= 3,960 CU.YDS.
FILL	= 2,820 CU.YDS.

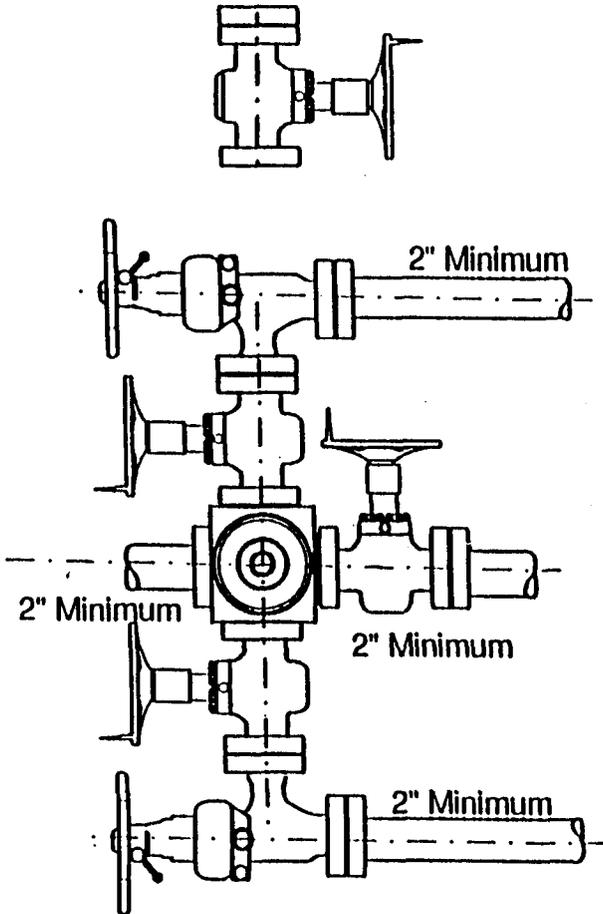
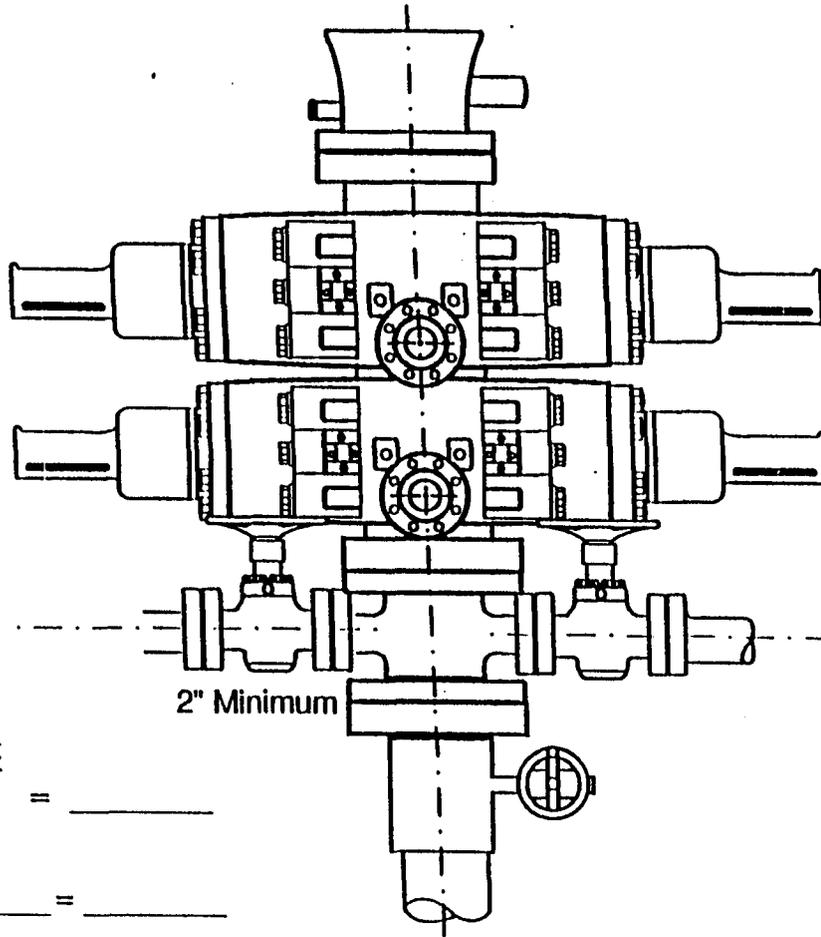
EXCESS MATERIAL AFTER 5% COMPACTION	= 990 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 990 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 0 Cu. Yds.

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

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

2-M SYSTEM

EXHIBIT F



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

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

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/20/1996

API NO. ASSIGNED: 43-013-31712

WELL NAME: TAR SANDS 6-30-8-17
 OPERATOR: INLAND PRODUCTION (N5160)
 CONTACT: JOYCE MCGOUGH

PHONE NUMBER: 303-893-0102

PROPOSED LOCATION:

SENW 30 080S 170E
 SURFACE: 1872 FNL 1802 FWL
 BOTTOM: 1872 FNL 1802 FWL
 DUCHESNE
 MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
 LEASE NUMBER: U-74869
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 4488944)
- Potash (Y/N)
- Oil Shale (Y/N) *190-5 (B) or 190-3
- Water Permit
(No. Johnson Wells Dist.)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)

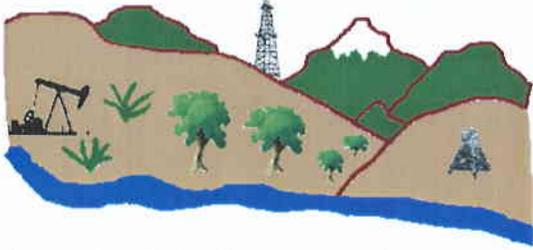
LOCATION AND SITING:

- R649-2-3. Unit SAND WASH (GR)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 229-2 *Unit E. Enh. Rec.
Eff Date: 11-4-97
Siting: *Suspends Gen. Siting
- R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

Federal



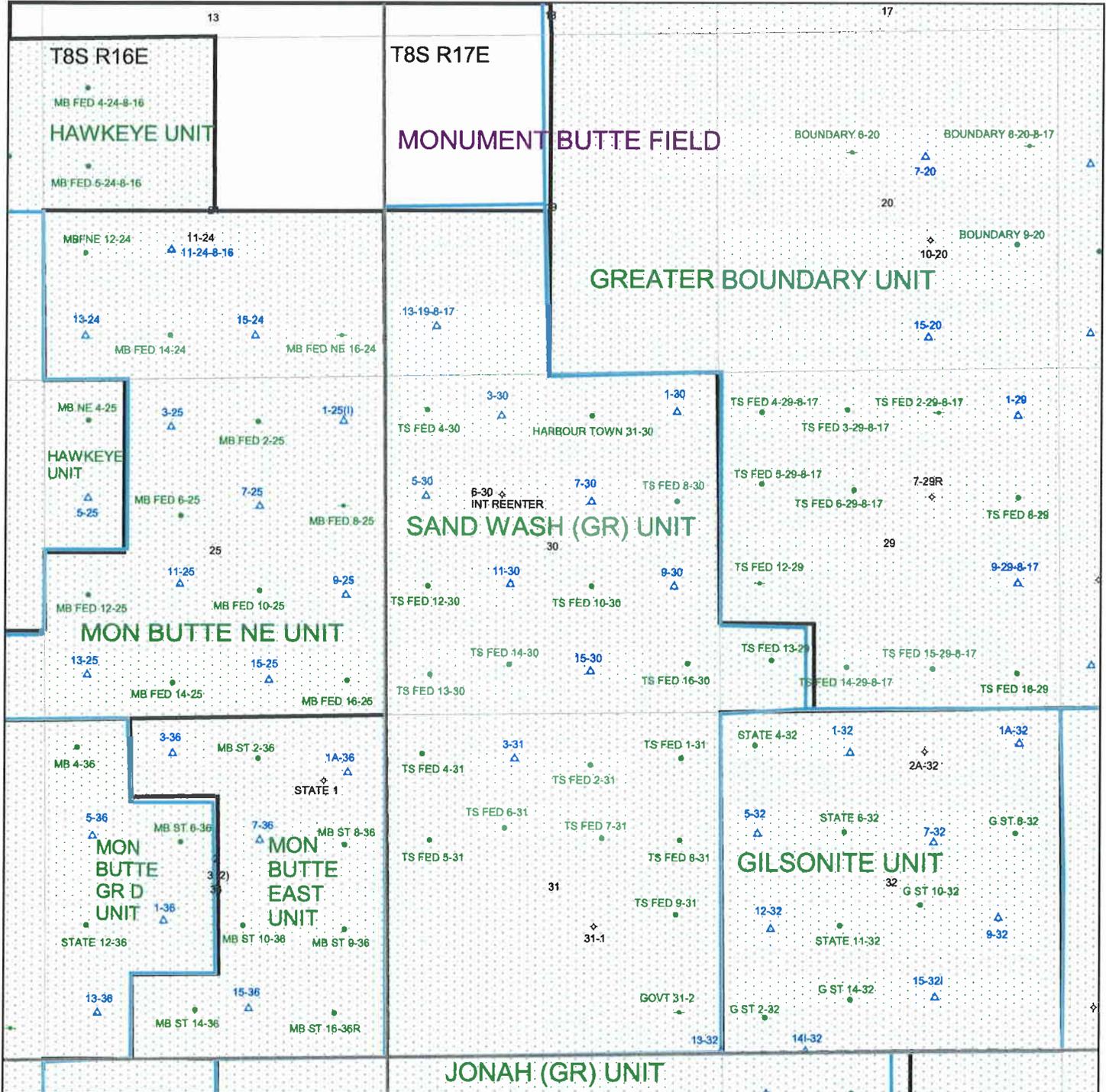
Utah Oil Gas and Mining

OPERATOR: INLAND PROD CO (N5160)

SEC. 30, T8S, R17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE UNIT: SAND WASH (GR)
CAUSE: 229-2



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/20/96

API NO. ASSIGNED: 43-013-31712

WELL NAME: TAR SANDS FEDERAL 6-30
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
 SENW 30 - T08S - R17E
 SURFACE: 1802-FWL-1871-FNL
 BOTTOM: 1802-FWL-1871-FNL
 DUCHESNE COUNTY
 UNDESIGNATED FIELD (002)

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

LEASE TYPE: FED
 LEASE NUMBER: U - 74869

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal State Fee
 (Number 4488944)

Potash (Y/N)

Oil shale (Y/N)

Water permit
 (Number GILSONITE S.I. 7-32 INJECTION)

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

LOCATION AND SITING:

___ R649-2-3. Unit: _____

R649-3-2. General.

___ R649-3-3. Exception.

___ Drilling Unit.

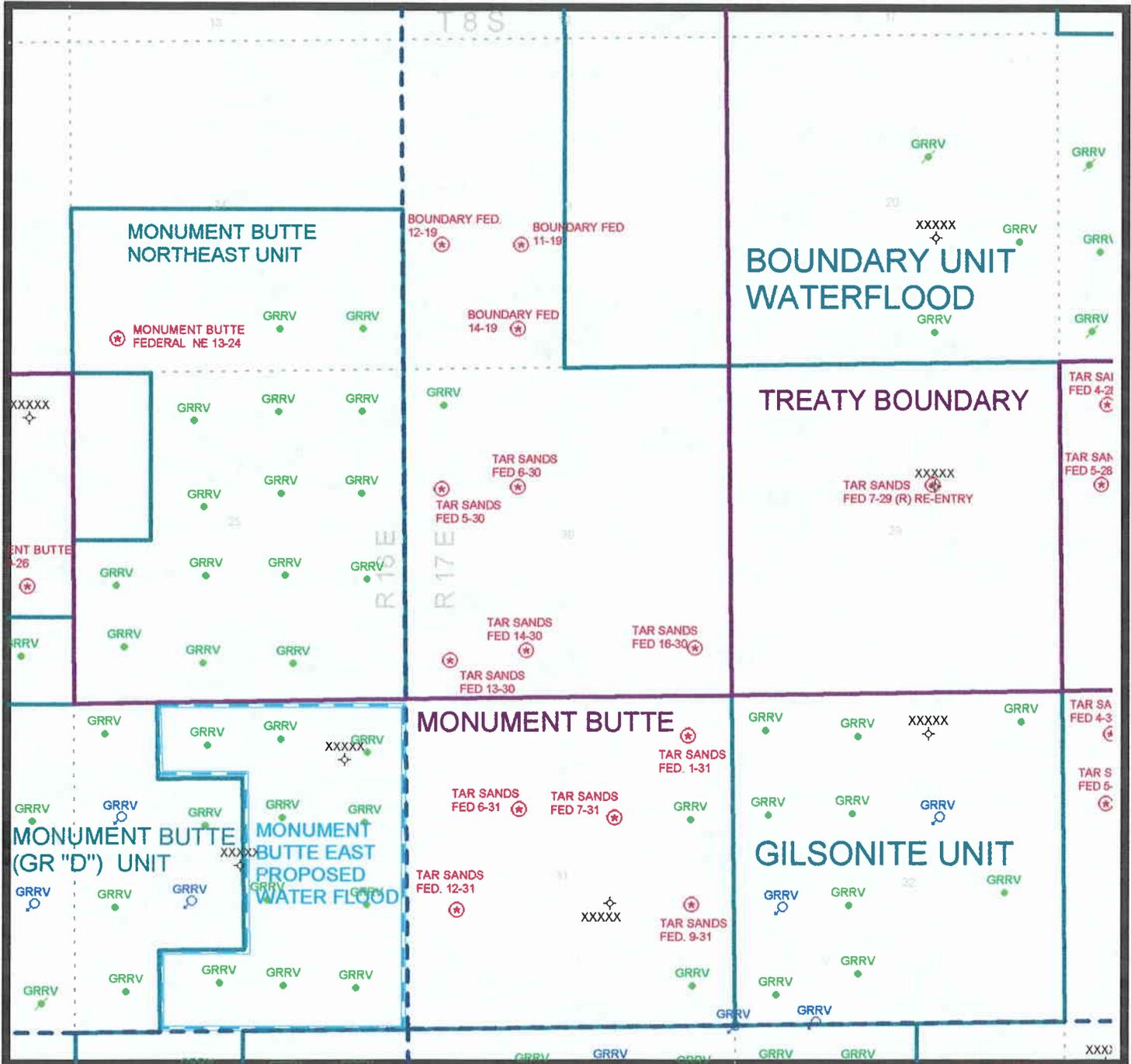
___ Board Cause no: _____

___ Date: _____

COMMENTS: _____

STIPULATIONS: _____

OPERATOR: INLAND PRODUCTION
 FIELD: UNDESIGNATED (002)
 SECTION: 30, T8S, R17E
 COUNTY: DUCHESNE
 SPACING: UAC R649-3-2



PREPARED:
 DATE: 23-SEPT-96

STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: INLAND PRODUCTION CO	Well Name: TAR SANDS FED 6-30
Project ID: 43-013-31712	Location: SEC. 30 - T8S - 17E

Design Parameters:

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

Design Factors:

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

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

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

GREEN RIVER

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

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



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

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

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

October 28, 1996

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

Re: Tar Sands Federal 6-30 Well, 1871' FNL, 1802' FWL,
SE NW, Sec. 30, T. 8 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31712.

Sincerely,

R. J. Firth
Associate Director

lwp

Enclosures

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



Operator: Inland Production Company
Well Name & Number: Tar Sands Federal 6-30
API Number: 43-013-31712
Lease: U-74869
Location: SE NW Sec. 30 T. 8 S. R. 17 E.

Conditions of Approval

1. General
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.
2. Notification Requirements
Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.
3. Reporting Requirements
All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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. #6-30
10. FIELD AND POOL OR WILDCAT Monument Butte
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 30, T8S, R17E

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

2. NAME OF OPERATOR Inland Production Company

3. ADDRESS OF OPERATOR P.O. Box 1446 Roosevelt, UT 84066 Phone: (801) 722-5103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *) At Surface SE/NW At proposed Prod. Zone 1802' FWL & 1871' FNL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9.5 Miles south of Myton, Utah

12. County Duchesne 13. STATE UT

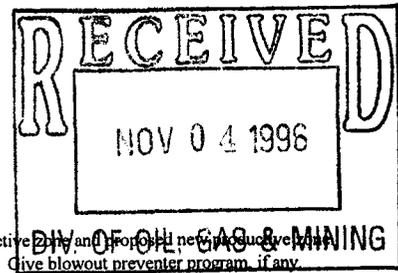
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1802' 16. NO. OF ACRES IN LEASE 1968.01 17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 3030' 19. PROPOSED DEPTH 6500' 20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5373.3' 22. APPROX. DATE WORK WILL START* December 1996

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 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 calculate off of the open hole logs, plus 15% excess.



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

24. SIGNED Brad Mechem [Signature] TITLE District Operations Manager DATE 9/12/96

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE OCT 29 1996

CONDITIONS OF APPROVAL ATTACHED NOTICE OF APPROVAL *See Instructions On Reverse Side

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

UT 02000000-215

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Fed. 6-30

API Number: 43-013-31712

Lease Number: U-74869

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

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

If this well is completed with production capable of communitized paying quantities a Communitized Agreement (CA) will need to be formed for the SENW qtrqtr of Section 31, Township 8 South, Range 17 East..

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

3. Casing Program and Auxiliary Equipment

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

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the usable water zone identified at ± 310 ft. or by setting the surface casing at ± 360 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

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

A cement bond log (CBL) will be run from the production casing shoe to **TOP OF CEMENT** if the surface casing is set at ± 360 ft. or it will be run to **SURFACE** if the surface casing is set at ± 300 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

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

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

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

SURFACE USE PROGRAM

-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.

-One erosion control dam will be constructed south of the location as staked.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: TAR SANDS FEDERAL 6-30

Api No. 43-013-31712

Section 30 Township 8S Range 17E County DUCHESNE

Drilling Contractor _____

Rig #: _____

SPUDDED:

Date: 12/2/96

Time: 10:00 AM

How: DRY HOLE

Drilling will commence: _____

Reported by: D. INGRAM

Telephone #: _____

Date: 12/5/96 Signed: FRM

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

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

OPERATOR ACCT. NO. N. 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	12044	43-013-31712	Tar Sands Federal #6-30	SEW	30	8S	17E	Duchesne	12/2/96	12/2/96
WELL 1 COMMENTS: <i>Entities added 12-9-96. Jcc</i>											
A	99999	12045	43-013-31755	Tar Sands Federal #3-30	NENW	30	8S	17E	Duchesne	12/5/96	12/5/96
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3/89)


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

Inland Production Co.

FOR YOUR INFORMATION

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

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

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

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)

**SE/NW 1871' FNL & 1802' FWL
Sec. 30, T8S, R17E**

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Tar Sands Fed #6-30

9. API Well No.

43-013-31712

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>P & A</u>	<input type="checkbox"/>	Dispose Water

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

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

WEEKLY STATUS REPORT FOR WEEK OF 12/6/96 - 12/12/96:

**Drilled 7 7/8" hole from 310' - 6255' w/ Caza, rig #59.
Prepare to Plug & Abandon per BLM requirements:**

**Plug #1: Spot 95 sx Class G cmt, tag top plug @ 4165'
Plug #2: Spot 80 sx Class G cmt from 1720' - 1920'
Plug #3 & #4: Spot 150 sx Class G cmt to surface**

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

Signed

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

12/13/96

(This space of Federal or State office use.)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas well Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

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

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

**SE/NW 1871' FNL & 1802' FWL
Sec. 30, T8S, R17E**

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Tar Sands Fed #6-30

9. API Well No.

43-013-31712

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>Location Rehab</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)

The Tar Sands Federal #6-30 has been rehabilitated per BLM specifications, and the dry hole marker set in place.

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

Signed *Cheryl Cameron*
Cheryl Cameron

Title **Regulatory Compliance Specialist**

Date **12/31/96**

(This space of Federal or State office use.)

Approved by _____

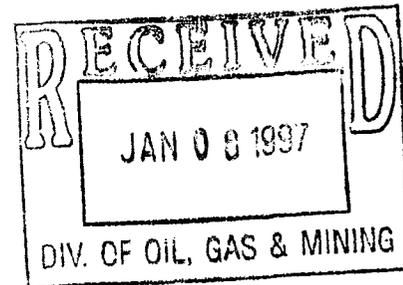
Title _____

Date _____

Conditions of approval, if any:

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

*See Instruction on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other P & A

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

2. NAME OF OPERATOR
Inland Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SE/NW
At top prod. interval reported below 1802' FWL & 1871' FNL
At total depth _____

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.
#6-30

10. FIELD AND POOL, OR WILDCAT
Monument Butte

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

12. COUNTY OR PARISH
Duchesne

13. STATE
UT

14. PERMIT NO. 43-013-31712 DATE ISSUED 10/29/96

15. DATE SPUDDED 12/2/96 16. DATE T.D. REACHED 12/11/96 17. DATE COMPL. (Ready to prod.) N/A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5373.3' 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD 6255' 21. PLUG BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS X CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None Plug & Abandon

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL, DLL 1-16-97

27. WAS WELL CORED
No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	293 GL	12 1/4	120 sx prem Class V w/2% gel 2% CaCl + 1/4#/sk flocele	

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.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>NONE Plug & Abandon</u>			

33.* PRODUCTION

DATE FIRST PRODUCTION None PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) None WELL STATUS (Producing or shut-in) P & A

DATE OF TEST _____ HOURS TESTED _____ CHOKE SIZE _____ PROD'N. FOR TEST PERIOD _____ OIL—BBL. _____ GAS—MCF. _____ WATER—BBL. _____ GAS-OIL RATIO _____

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.) N/A TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
DHD, Logs in Item #26

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

SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 1/10/96
Cheryl Cameron
DIV. OF OIL, GAS & MINING

*(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	4392'		Plug and Abandon Plug #1: Spot 95 sx Class G cmt, tag top plug @ 4165' Plug #2: Spot 80 sx Class G cmt from 1720'-1920' Plug #3&4: Spot 150 sx Class G cmt to surface Location has been rehabilitated and the dry hole marker set in place.			
Point 3 Mkr	4677'					
X Mkr	4912'					
Y Mkr	4946'					
Douglas Ck Mkr	5074'					
Bicarbonate Mkr	5319'					
B. Limestone Mkr	5460'					
Castle Peak	5980'					
Basal Carbonate	NDE					

Tar Sands Federal #6-30

Initial Production: NONE

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

Plugging Diagram

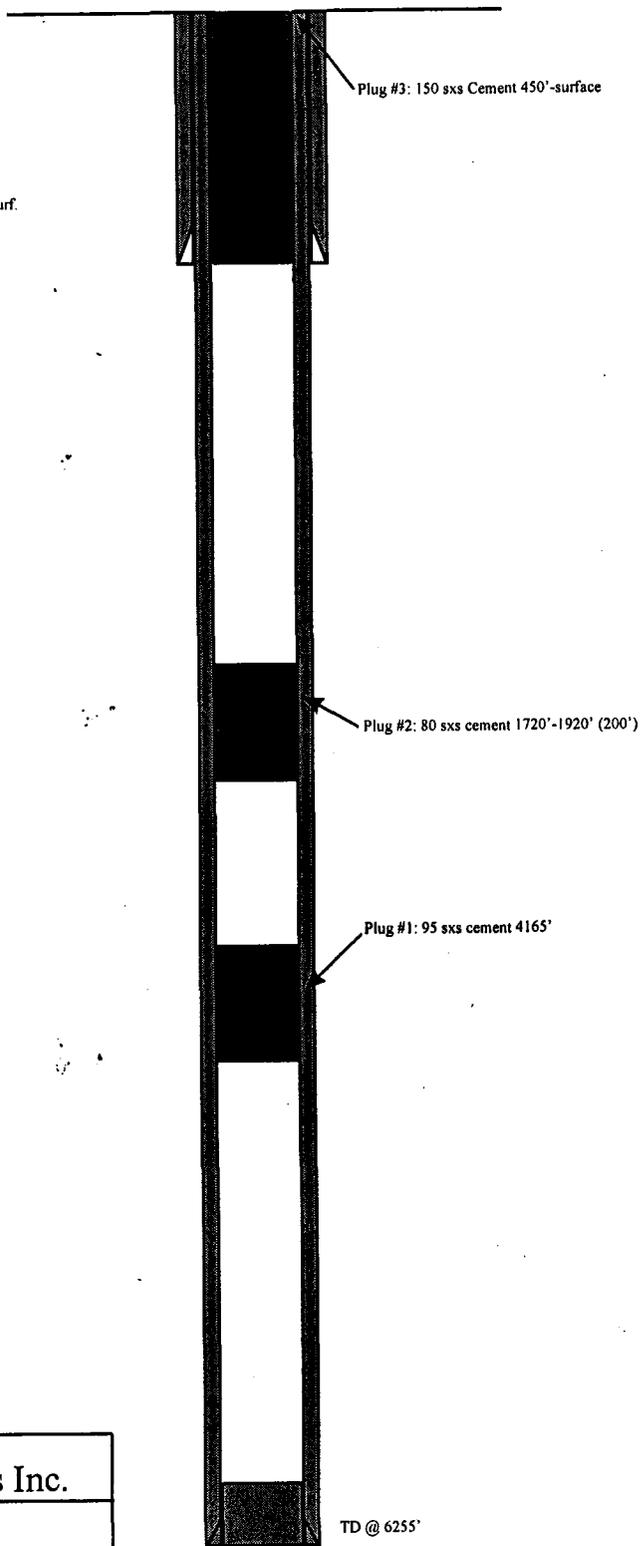
SURFACE CASING

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

PRODUCTION CASING

TUBING

SUCKER RODS



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

TD @ 6255'



June 15, 2001

United States Department of Interior
Bureau of Land Management - Vernal District Office
Attention: Mr. Ed Forsman
170 South 500 East
Vernal, Utah 84078-2799

RE: Tar Sands Federal #6-30-8-17
Sand Wash Unit
Duchesne County, Utah

Dear Mr. Forsman:

Enclosed please find the Application for Permit to Re-enter the well listed above, submitted in triplicate, for your review and approval. The appropriate Archeological Surveys and/or Paleontological surveys, and the open-hole logs previously run, are all on file with your office and with Utah's Division of Oil, Gas and Mining.

The well and access road will be re-staked, and any required maps, surveys and location plat will be forthcoming to you under separate cover. If you have any questions or require any additional information, please contact me at (303) 893-0102.

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosures: Form 3160-5 and attachments (3 copies of each)

cc: State of Utah
Division of Oil, Gas & Mining
ATTN: Lisha Cordova
✓ 1594 West North Temple – Suite 1210
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RECEIVED

JUN 18 2001

DIVISION OF
OIL, GAS AND MINING

INLAND PRODUCTION COMPANY
SAND WASH #6-30-8-17R
SE/NW SEC. 30-T8S-R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta Formation of Upper Eocene Age

2. TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0- 1700'
Green River	1700'
Wasatch	6500'

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

Green River Formation; from 1700'-6148' – Oil

4. PROPOSED CASING PROGRAM:

5-1/2", 15.5#, J-55 w/ LT & C casing to TD @ 6255' (New or used-inspected).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

An 8" Series 900 Annular Bag type BOP and an 8" Double Ram Hydraulic unit with a closing unit. Function Test of BOPs will be checked daily.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The cement plugs will be drilled out with a fresh water system. A KCL substitute will be utilized for clay stabilization. Typically, this fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg; weighted as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a TIW valve.

8. TESTING, LOGGING AND CORING PROGRAMS:

No drill stem testing has been scheduled for this well. Open hole logs were run when the well was originally drilled. The Compensated Neutron/Formation Density Log was run from 3000' to 6266' KB. The Dual Induction/Gamma Ray Log was run from 305' to 6266' KB. New open hole logs will not be run.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

No abnormal pressures or temperatures were encountered during the initial drilling of this well. The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal pressures or temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that operations will commence in May of 2001, and take approximately 10 days to complete.

INLAND PRODUCTION COMPANY
SAND WASH #6-30-8-17R
SE/NW SEC. 30-T8S-R17E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company's well location site Sand Wash #6-30-8-17R, located in the SE/NW Sec. 30-T8S-R17E, Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 approximately 1.5 miles to the junction of this highway and Utah State Highway 53; proceed southeasterly along Utah State Highway 53 approximately 7.7 miles to its junction with an existing dirt road to the east. Proceed easterly 0.1 miles to the beginning of the proposed access road.

2. PLANNED ACCESS ROAD

Turn southwesterly and follow the proposed access road 480' to the proposed well site. See Topographic Map "B".

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

There will be no culverts required along this access road. There will be borrow ditches as needed along this road.

There will be no turnouts.

There are no fences encountered along this proposed road.

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road. See Location Layout Sheet; Exhibit "E".

3. LOCATION OF EXISTING WELLS

There are thirty one (31) producing wells, seven (7) injection wells, and one (1) injection station 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 a minimum 110% of the contents of the largest tank within the facility battery. Tank batteries will be built to BLM specifications.

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

Existing water for this well will be pumped via existing pipeline from Inland Production Company's water supply line located at the Gilsonite water tap.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road. See Location Layout Sheet; Exhibit E.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (40' x 20' x 6') will be constructed from native soil and clay materials. The reserve pit will primarily receive cuttings while drilling the cement plugs from the wellbore. All fluids will be fresh water with a KCl substitute, typically containing Total Dissolved Solids (TDS) 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 will be utilized in the reserve pit.

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

A portable toilet will be provided for human waste.

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

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

8. **ANCILLARY FACILITIES:**

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

9. **WELL SITE LAYOUT:**

See Exhibits "E" and "E-1".

The reserve pit fencing will be on four (4) sides during operations. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

Producing Location:

Topsoil will be stripped and salvaged to provide for sufficient quantities to be re-spread to a depth of at least four to six inches (more if readily available on-site) over the disturbed areas to be reclaimed. Topsoil will be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit will be stockpiled separately near the reserve pit.

Topsoil that will be stored more than one year before reclamation begins:

- will be windrowed, where possible, to a maximum depth of three (3) to four (4) feet near the margin of the well site;
- will be broadcast seeded with the seed mixture specified in the approved permit immediately after windrowing;
- will be "walked" with heavy equipment to crimp the seeds into the soil.

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

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to approximate the natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting. This will be completed by the backfilling and crowning of the pit to prevent water from standing. Topsoil will be respread, and the pit area reseeded immediately following the respreading of the topsoil. The appropriate seed mixture will be provided by the AO.

Dry Hole/Abandoned Location:

At the time of final abandonment, the intent of reclamation will be to return disturbed areas to near natural conditions. All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed within six (6) months, weather permitting, after final abandonment. The surface of disturbed areas will be recontoured to blend all cuts, fills, road berms, and borrow ditches to be natural in appearance as compared to the surrounding terrain. Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the reestablishment of irrigation systems, the reestablishment of appropriate soil conditions, and the reestablishment of vegetation as specified.

After recontouring of disturbed areas, any stockpiled topsoil will be spread over the surface, and the area reseeded immediately. The location and access road will be revegetated to the satisfaction of the AO of the appropriate surface management agency. The seed mixture will be that provided at the time of the onsite, or the AO will be contacted at the time of reclamation for the appropriate seed mixture. Seed will be drilled on the contour to an appropriate depth. Reseeding operations will be performed immediately after completion of reclamation operations.

Dry mulch may be considered as one method to enhance the re-establishment of desired native plant communities. If straw or hay mulch is used, the straw or hay must be certified "weed-free" and the certification documentation submitted to the AO prior to its application.

At final abandonment, the casing will be cut off at the base of the cellar or 3 feet below the final restored ground level. The Operator will cap the casing with a metal plate a minimum of 0.25 inches thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap will be constructed with a weep hole.

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

The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximated natural contours. The reserve pit will be reclaimed within

one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed.

When the reentry and completion phase ends, reclamation of unused disturbed areas on the well and 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 specifications (as stated in the Conditions of Approval).

11. **SURFACE OWNERSHIP:** Bureau of Land Management

12. **OTHER ADDITIONAL INFORMATION:**

The Archaeological Cultural Resource Survey was submitted in September, 1996.

Inland Production Company requests a 60' ROW for the Sand Wash #6-30-8-17R to allow for construction of a 6" poly gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C".

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Joyce I. McGough
Address: 410 Seventeenth Street
Suite 700
Denver, CO 80202
Telephone: (303) 893-0102

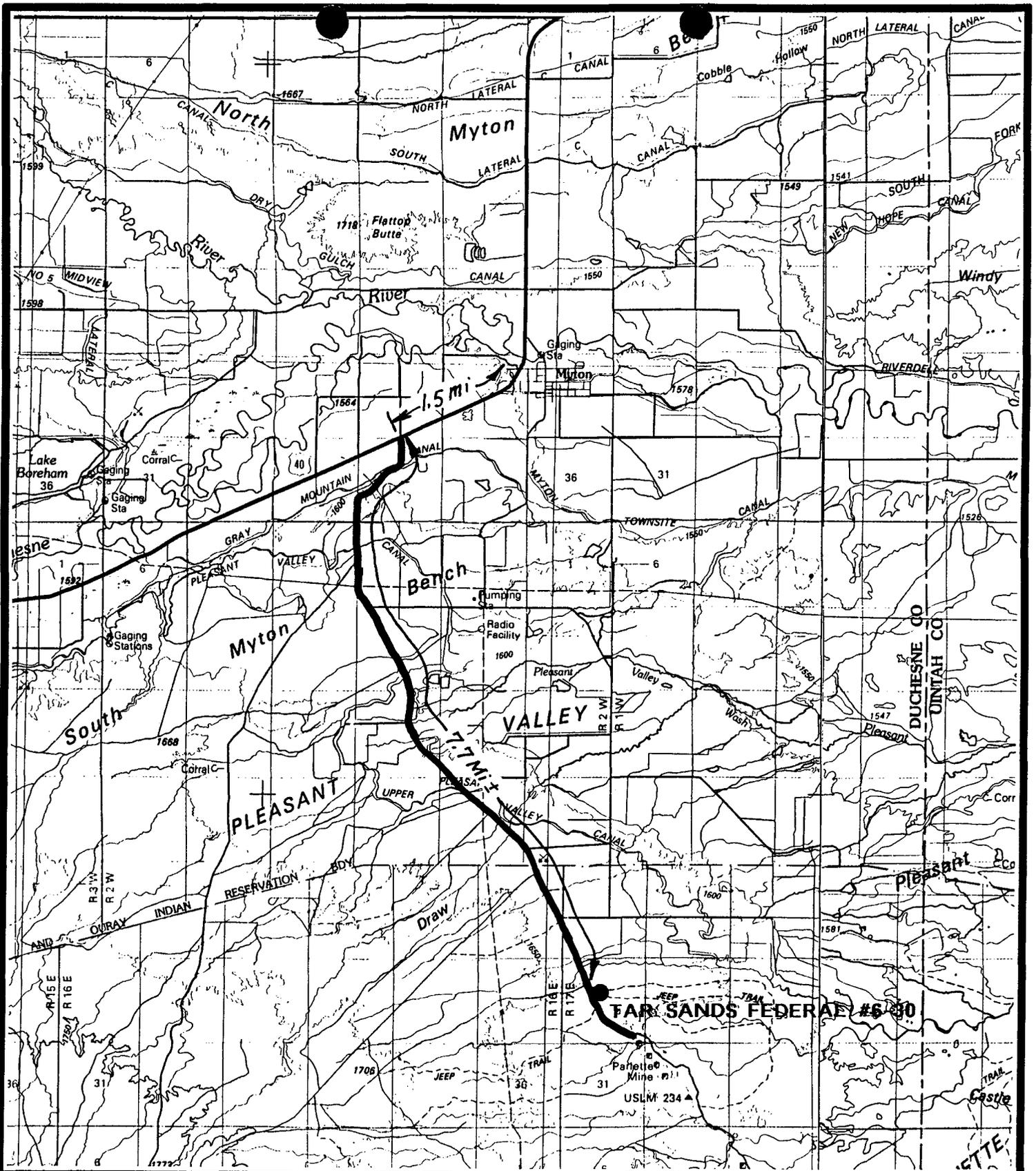
Certification

Please be advised that INLAND RESOURCES, INC. is considered to be the operator of Sand Wash #6-30-8-17R, SE/NW Sec. 30-T8S-R17E, 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 the proposed drill site and access route have been inspected, and 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 Resources, Inc. 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 the 18 U.S.C. 1001 for the filing of a false statement.

June 15, 2001
Date

Joyce I. McGough
Joyce I. McGough
Regulatory Specialist



TOPOGRAPHIC MAP "A"

INLAND PRODUCTION CO.

TAR SANDS FEDERAL #6-30

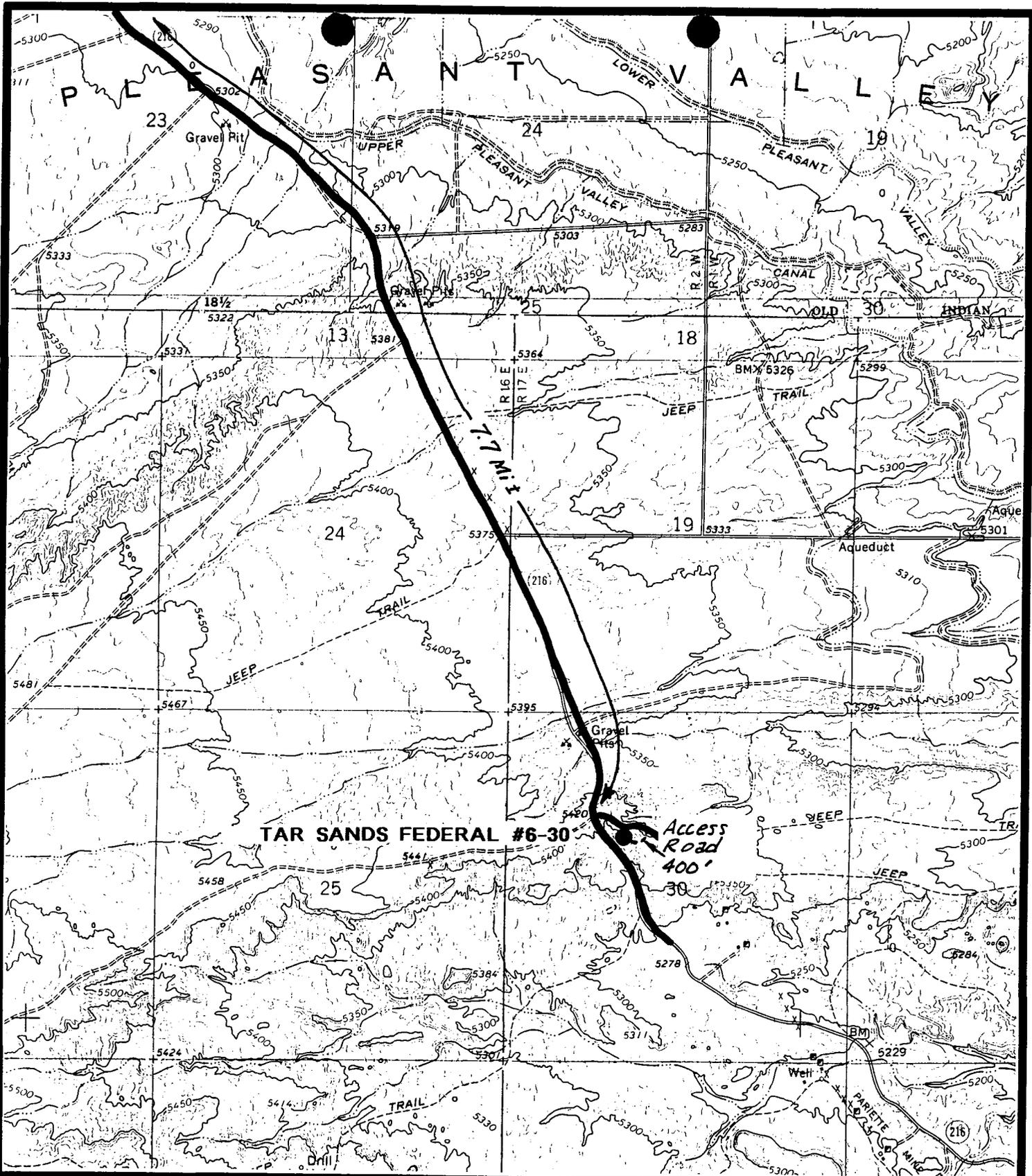
SECTION 30, T8S, R17E, S.L.B.&M.

JERRY D. ALLRED AND ASSOCIATES
 121 NORTH CENTER STREET
 P.O. BOX 975
 DUCHESNE, UTAH 84021
 (435) 738-5352



4 JUN 2001

84-121-083



TOPOGRAPHIC MAP "B"

JERRY D. ALLRED AND ASSOCIATES
 121 NORTH CENTER STREET
 P.O. BOX 975
 DUCHESNE, UTAH 84021
 (435) 738-5352



SCALE: 1" = 2000'

INLAND PRODUCTION CO.

TAR SANDS FEDERAL #6-30

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

4 JUN 2001

84-121-083

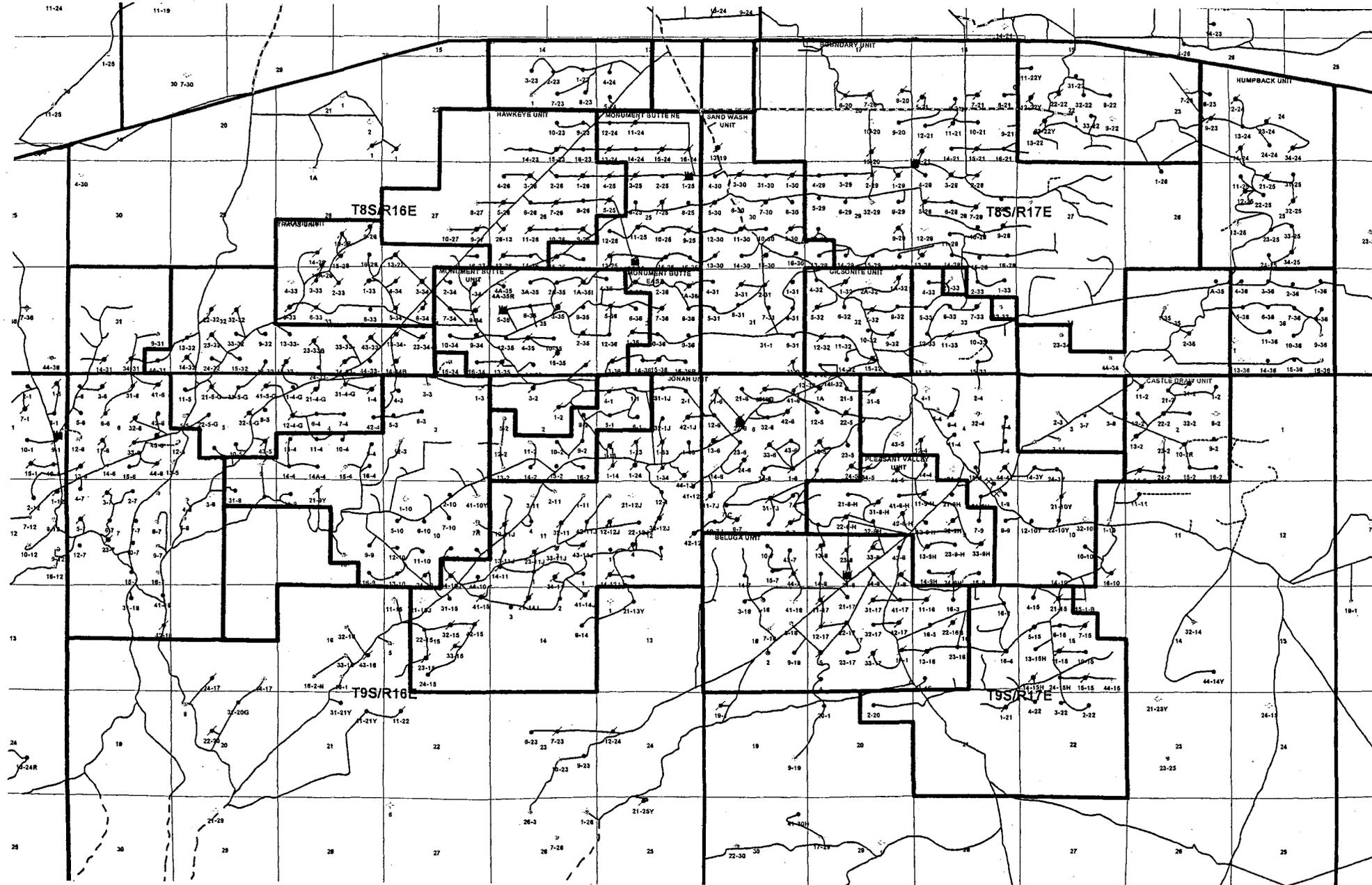
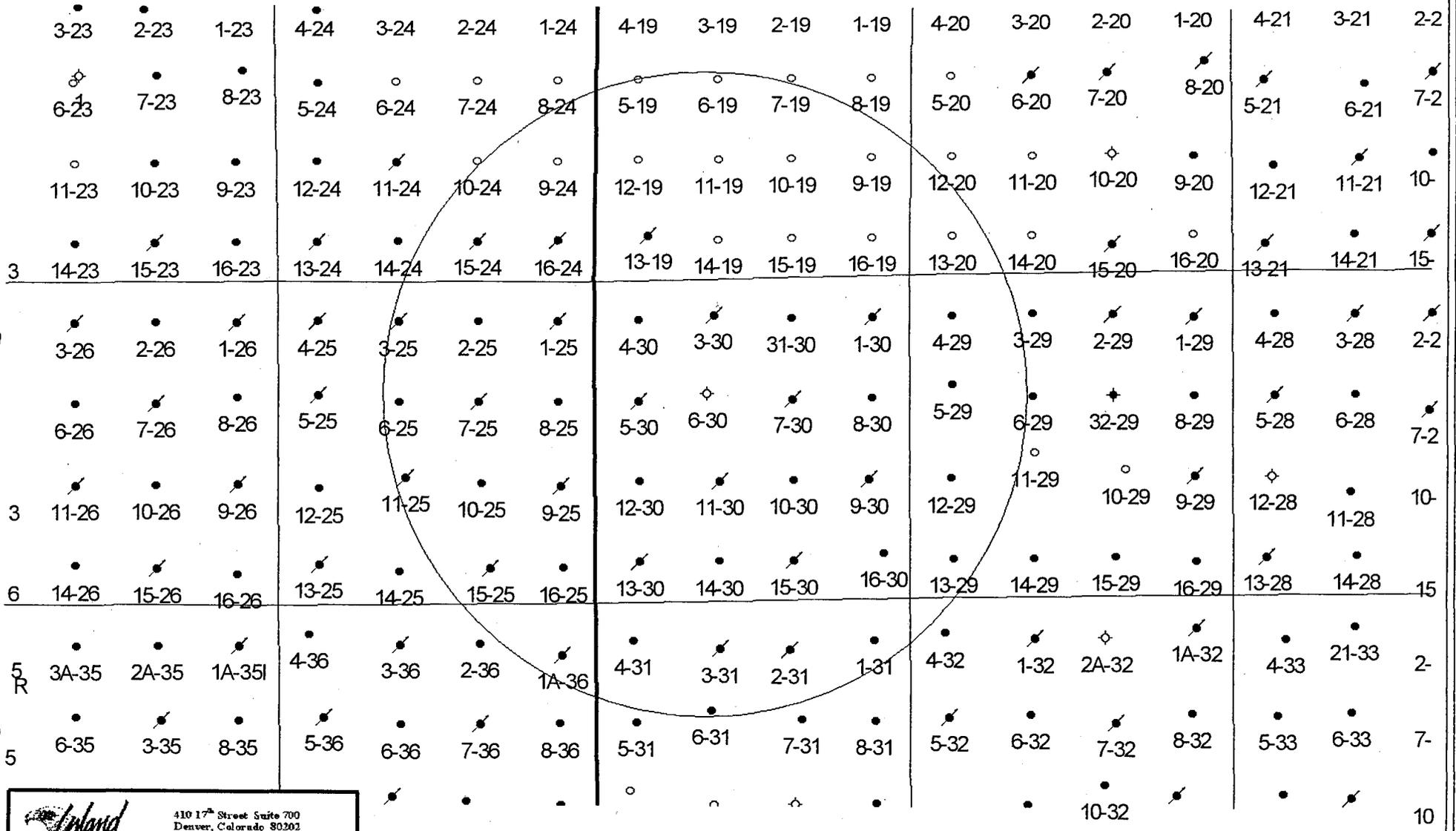


EXHIBIT C




 410 17th Street Suite 700
 Denver, Colorado 80202
 Phone: (303)-893-0102

Tar Sands Federal #6-30
 One Mile Radius
 Duchesne County, Utah

May 14, 2001 D. C. Chapla

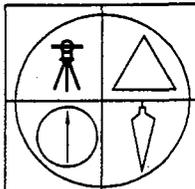
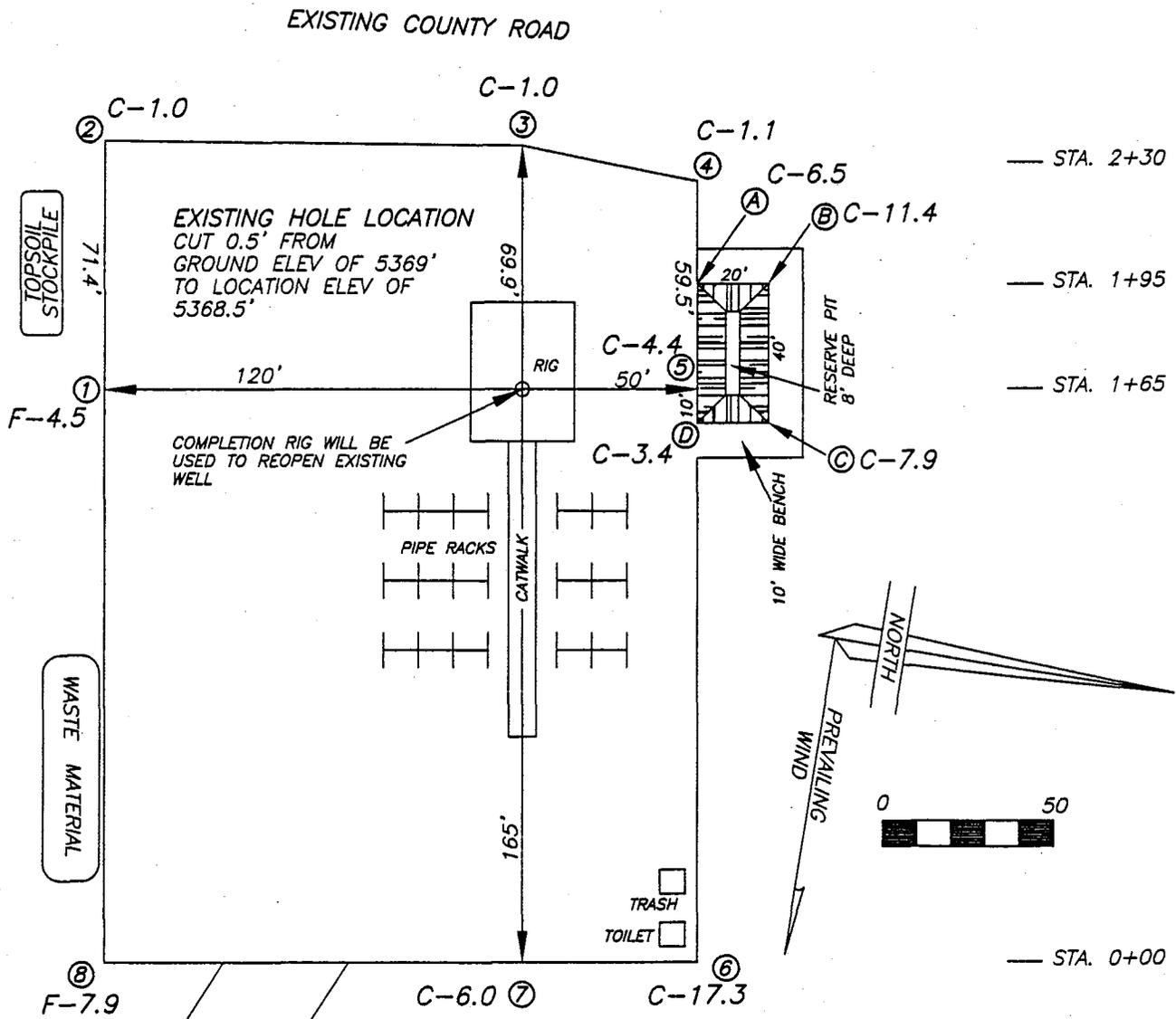


EXHIBIT D

INLAND PRODUCTION COMPANY WELL LOCATION PLAT TAR SANDS FEDERAL #6-30

LOCATED IN THE SE1/4 OF THE NW1/4 OF SECTION 30, T8S, R17E, S.L.B.&M.

EXHIBIT E



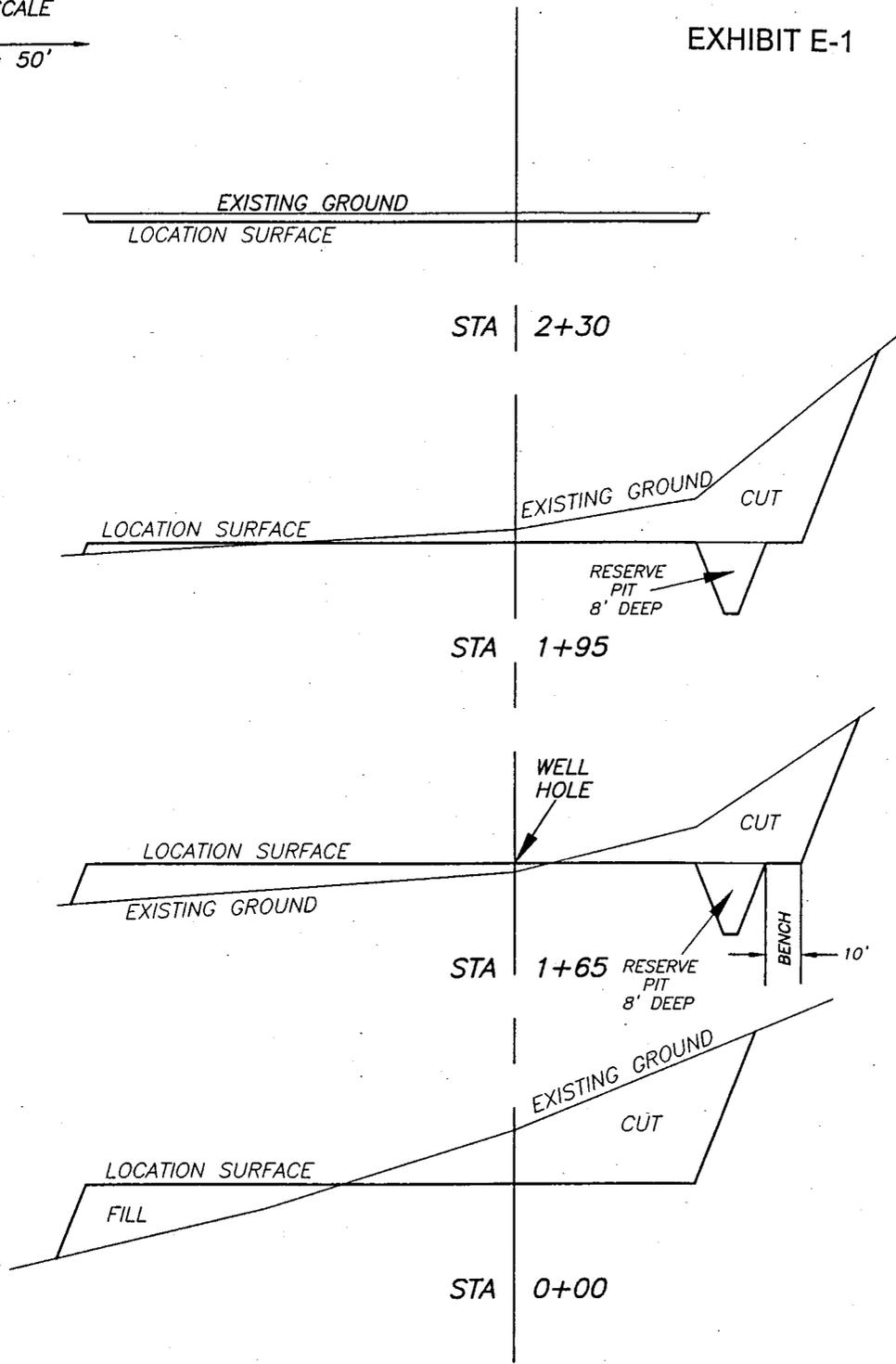
JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

121 NORTH CENTER ST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5357

INLAND PRODUCTION CO.
 LOCATION X-SECTION PLAT
 TAR SANDS FEDERAL #6-30
 SECTION 30, T8S, R17E, S.L.B.&M.

1" = 20'
 X-SECTION
 SCALE
 1" = 50'

EXHIBIT E-1



APPROXIMATE QUANTITIES
 CUT: 2300 CU. YDS. (LOCATION)
 CUT: 114 CU. YDS. (PIT)
 FILL: 2200 CU. YDS.

JERRY D. ALLRED AND ASSOCIATES
 121 NORTH CENTER STREET
 P.O. BOX 975
 DUCHESNE, UTAH 84021
 (435) 738-5352

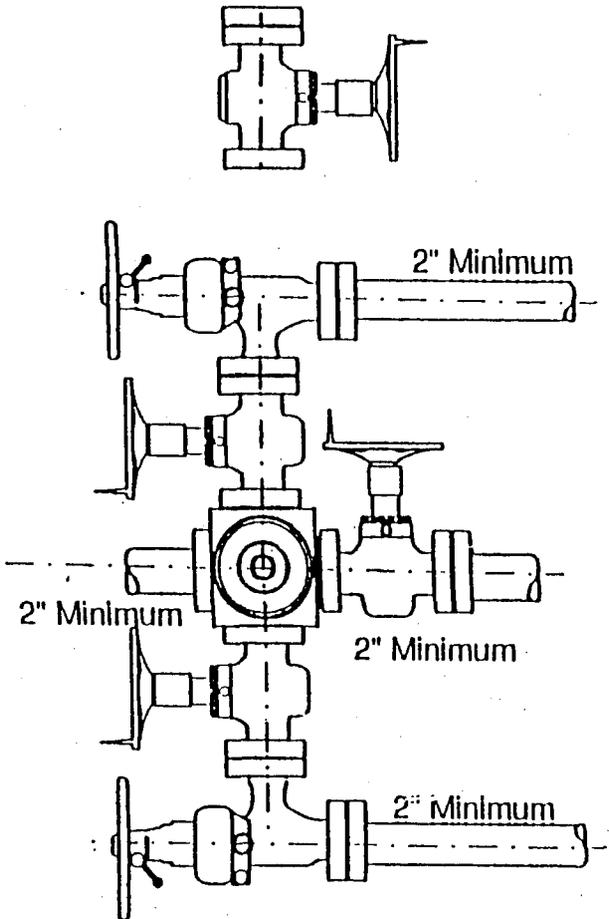
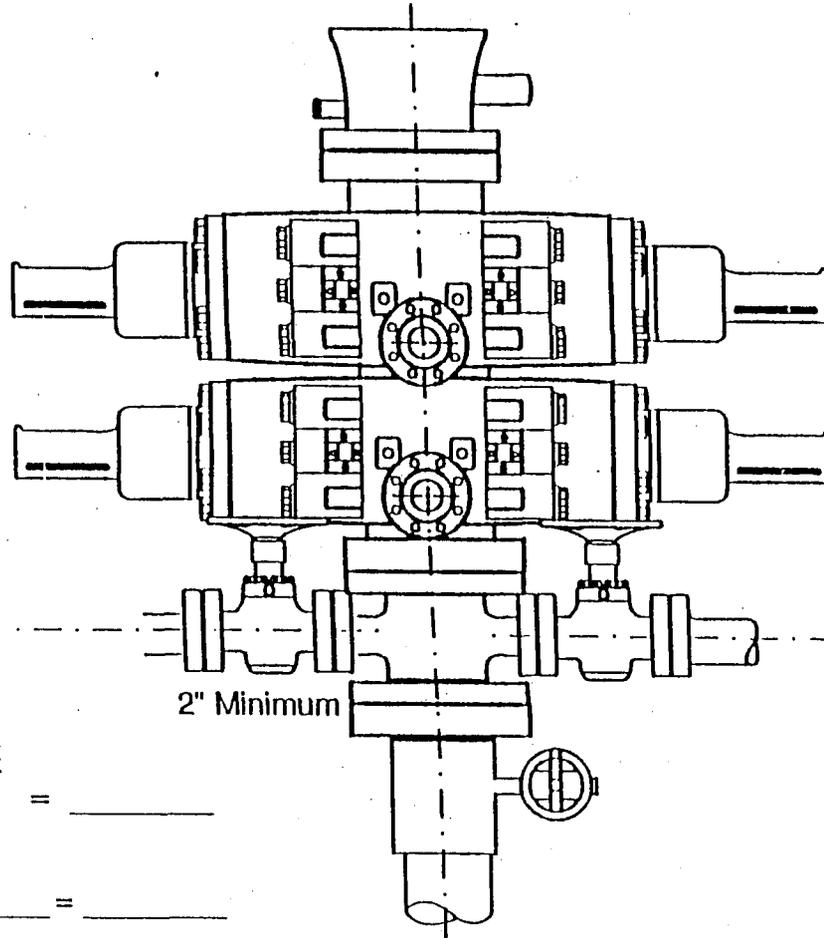
4 JUN 2001

84-121-083

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

2-M SYSTEM

EXHIBIT F



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

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

Tar Sands Federal #6-30

Initial Production: NONE

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

Plugging Diagram

SURFACE CASING

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

PRODUCTION CASING

No production casing set.

TUBING

SUCKER RODS

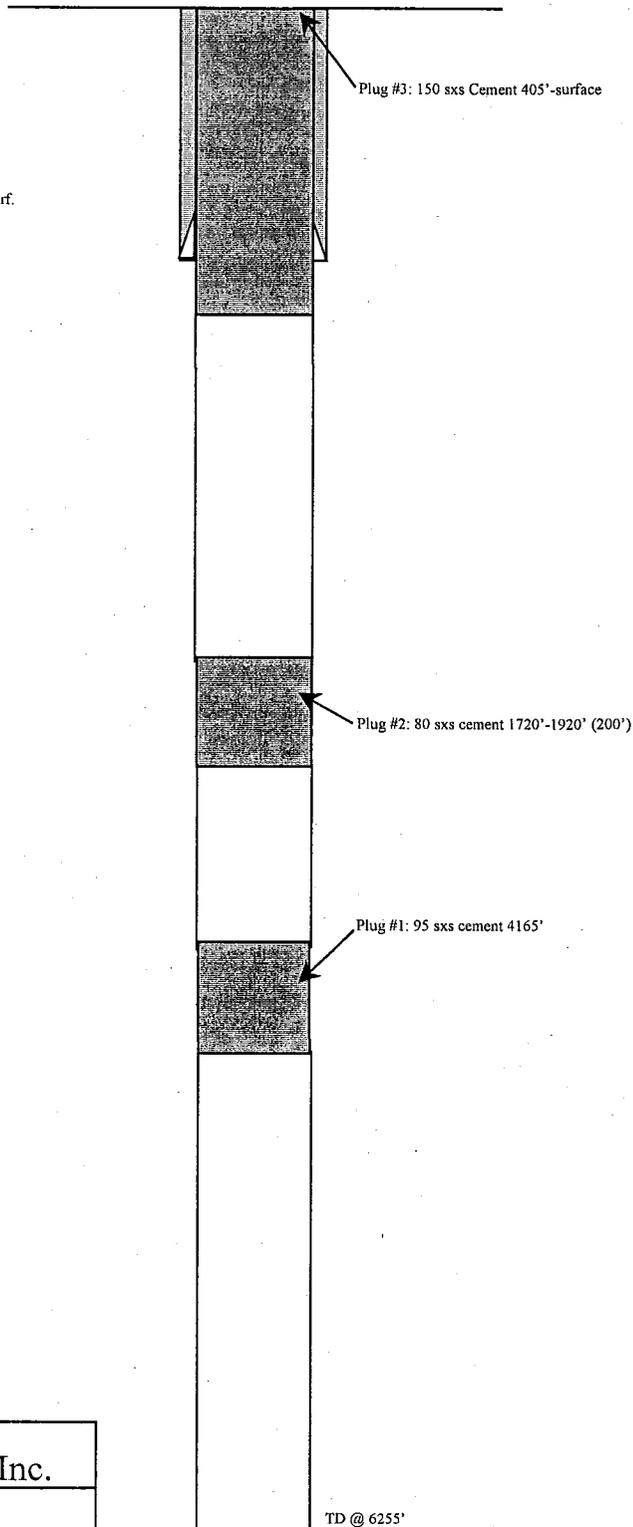


EXHIBIT G



Inland Resources Inc.

Tar Sands Federal #6-30

1802 FWL 1871 FNL

SENW Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31712; Lease #U-74869

TD @ 6255'

TAR SANDS FED #6-30-8-17

RE-ENTRY / COMPLETION PROCEDURE

Down hole data:

CSG: Surface casing set @ 310' KB
 PLUGS: Surface-405'; 1720-1920'; 4165-4365'
 TD: 6255'

CSG: 5-1/2" 15.5# ID 4.950", drift 4.825", .0238 bbls/ft
 TBG: 2-7/8" 6.5#, ID 2.441", drift 2.347", .00579 bbls/ft
 Annulus: 5-1/2", 15.5# casing & 2-7/8" tubing, .0158 bbls/ft
 Stretch: 2-7/8" 6.5# J-55, .22075/ 1000' / 1000#

(Example: tension-15,000# (15) x depth-5400' (5.4) x conversion factor (.22075) = 17.8 inches of stretch)

RE-ENTRY PROCEDURE

- 1- Re-stake access road & location, conduct onsite, prepare & send APD.
- 2- Upon approval of APD build location (Pit ½ size of original; West end of location is 65').
- 3- Cut off dry hole marker.
- 4- RU surface rig; drill with air mist through 1st plug from surface to 405'.
- 5- Weld casing head on 8-5/8" surface casing; NU BOPs.
- 6- RU completion rig.
- 7- PU tubing; TIH w/7-7/8" bit and WT collars to top of 2nd plug @ 1720'.
- 8- Drill out cement plug.
- 9- TIH to top of 3rd plug @ 4165'.
- 10- Drill out cement plug.
- 11- TIH to TD @ 6255'.
- 12- TOH with tubing; LD bit and collars.

COMPLETION PROCEDURE

- 1- RU casing equipment.
- 2- Run 5-1/2" 15.5# J-55 casing to TD.
- 3- Cement casing in hole w/Prem-lite II cement, followed by 50/50 Pozmix cement (see APD).
- 4- Set slips; cut off casing.
- 5- RU WL; run CBL.
- 6- NU 5000# casing head, NU BOP.
- 7- Test BOP and casing to 3000 psi.
- 8- PU tubing, bit and scraper; TIH to PBSD (est @ 6200').
- 9- Swab FL down to 5500'.

- 10- TOH w/tubing; LD bit and scraper.
- 11- RU WL; perforate CP sands @ 6046-49'; 6112-16'; and 6142-48' with 4 JSPF.
- 12- TIH w/packer and RBP; set RBP below zones; set packer @ 6130'. Break down CP-3 down tubing; reset RBP @ 6130'; set packer @ 6080'. Break down CP-2 sand down tubing and CP-1 sand down casing.
- 13- TOH; LD packer and plug.
- 14- NU frac head.
- 15- RU frac company; frac CP sands w/ 63,200# of 20/40 sand.
- 16- Flow well back immediately @ 1 BPM until dead.
- 17- RIH with WL; set RBP @ 5950' \pm .
- 18- Test plug to 3000 psi.
- 19- RU WL; perforate LODC-1 sand @ 5886-5902' w/ 4 JSPF.
- 20- NU frac head.
- 21- RU frac company; frac LODC-1 sand w/ 128,000# of 20/40 sand.
- 22- Flow well back immediately @ 1 BPM until dead.
- 23- TIH with tubing; clean out sand to 5880'.
- 24- TOH and LD tubing.
- 25- RU with WL; set RBP @ 5860' \pm .
- 26- Test plug to 3000 psi.
- 27- RU WL; perforate LODC-2 sand @ 5780-5839' w/ 4 JSPF.
- 28- NU frac head.
- 29- RU frac company; frac LODC-2 sand w/ 259,600# of 20/40 sand.
- 30- Flow well back immediately @ 1 BPM until dead.
- 31- RIH with WL; set RBP @ 5200' \pm .
- 32- Test plug to 3000 psi.
- 33- RU WL; perforate D-2 sand @ 5146-50' w/ 4 JSPF.
- 34- NU frac head.
- 35- RU frac company; frac D-2 sand w/ 17,600# of 20/40 sand.
- 36- Flow well back immediately @ 1 BPM until dead.
- 37- RIH with WL; set RBP @ 4700' \pm .
- 38- Test plug to 3000 psi.
- 39- RU WL; perforate GB sand @ 4579-96'; 4627-34' & 4650-54' w/ 4 JSPF.
- 40- NU frac head.
- 41- RU frac company; frac GB sand w/ 154,800# of 20/40 sand.
- 42- Flow well back immediately @ 1 BPM until dead.
- 43- TIH with RH; circulate sand; release plug @ 4700'.
- 44- TOH with tubing and LD plug.
- 45- TIH with RH; circulate sand; release plug @ 5200'.
- 46- TOH with tubing and LD plug.

- 47- TIH with RH; circulate sand; release plug @ 5860'.
- 48- TOH with tubing and LD plug.
- 49- TIH with RH; circulate sand; release plug @ 5950'.
- 50- TOH with tubing and LD plug.
- 51- TIH with RH; Circulate sand to PBTD.
- 52- Swab fluid back.
- 53- TOH with tubing
- 54- TIH with production tubing.
- 55- ND BOP; set TA and NU tubing head.
- 56- PU and TIH with rod string.
- 57- Test pump to 800 psi.
- 58- RU unit.
- 59- RDSUMOL.

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

NA

7. If unit or CA, Agreement Designation

Sand Wash (BP) Unit
Greater Boundary Unit

8. Well Name and No.

Tar Sands Fed 6-30

9. API Well No.

43-013-31712

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, UT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102

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

SE/NW 1871' fnl, 1802' fwl Sec. 30, T8S, R17E

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

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

Inland Production Company intends to re-enter the referenced well and complete it as a producing oil well. This well was originally spud on 12/02/96. It reached TD of 6255' on 12/11/96. Well was P & A on 12/12/96, and the location was subsequently rehabilitated and a dry hole marker was set in place. We intend to:

- 1) Restake access road and location, and conduct an onsite inspection.
- 2) Upon approval of the permit, build location (pit will be 1/2 normal size; west end of location is 65' in length).
- 3) Cut off dry hole marker.
- 4) RU surface rig and drill with air mist through the first plug from surface to 405'.
- 5) Weld casing head on 8-5/8" surface casing and NU BOPs.
- 6) RU completion rig.
- 7) PU tubing and drill out cement plugs.
- 8) RU and run production casing to TD (6255').
- 9) Perforate and frac; then flow test and swab.
- 10) Put well on production.

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

Signed Joyce I. McGough Title Regulatory Specialist Date June 15, 2001

(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.

RECEIVED

JUN 15 2001

DIVISION OF
OIL, GAS AND MINING



June 19, 2001

United States Department of Interior
Bureau of Land Management - Vernal District Office
Attention: Ms. Pat Sutton
170 South 500 East
Vernal, Utah 84078-2799

RE: Tar Sands Federal #6-30-8-17
Sand Wash Unit
Duchesne County, Utah

Dear Ms. Sutton:

Enclosed please find the Application for Permit to Drill for the above-referenced well, submitted in triplicate, for your review and approval. I apologize for not including it with the original application to re-enter the wellbore.

If you have any questions or require any additional information, please contact me at the telephone number listed below.

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosures: Form 3160-3 (3 copies)

cc: State of Utah
Division of Oil, Gas & Mining
ATTN: Lisha Cordova
1594 West North Temple - Suite 1210
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RECEIVED

JUN 21 2001

DIVISION OF
OIL, GAS AND MINING

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

5. LEASE DESIGNATION AND SERIAL NO.
U-74869

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

7. UNIT AGREEMENT NAME
Sand Wash Unit

8. FARM OR LEASE NAME
Tar Sands

2. NAME OF OPERATOR
Inland Production Company

9. WELL NO.
6-30-8-17

3. ADDRESS OF OPERATOR
410 - 17th Street, Suite 700, Denver, CO 80202 Phone: (303) 893-0102

10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)
At Surface **SE/NW 187² fml, 1802' fwl Sec. 30, T8S, R17E**
At proposed Prod. Zone **Same** *4438025 N
580896 E*

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

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

12. COUNTY **Duchesne** 13. STATE **Utah**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
Approx. 1200'

16. NO. OF ACRES IN LEASE
1968

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.
Approx.

19. PROPOSED DEPTH
6255'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5369' GR

22. APPROX. DATE WORK WILL START*
3rd quarter, 2001

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300'	
7-7/8"	5-1/2"	15.5#	TD	

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

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 *Joyce I. McGough* TITLE **Regulatory Specialist** DATE **June 19, 2001**
Joyce I. McGough

(This space for Federal or State office use)

PERMIT NO. **43-013-31712** APPROVAL DATE _____

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____

**Federal Approval of this
Action is Necessary**

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**
DATE: **7-18-01**
BY: *[Signature]* RECEIVED

***See Instructions On Reverse Side**

INLAND PRODUCTION COMPANY

LOCATED IN THE SE1/4 OF THE NW1/4 OF SECTION 30, T8S, R17E, S.L.B.&M.

WELL LOCATION PLAT

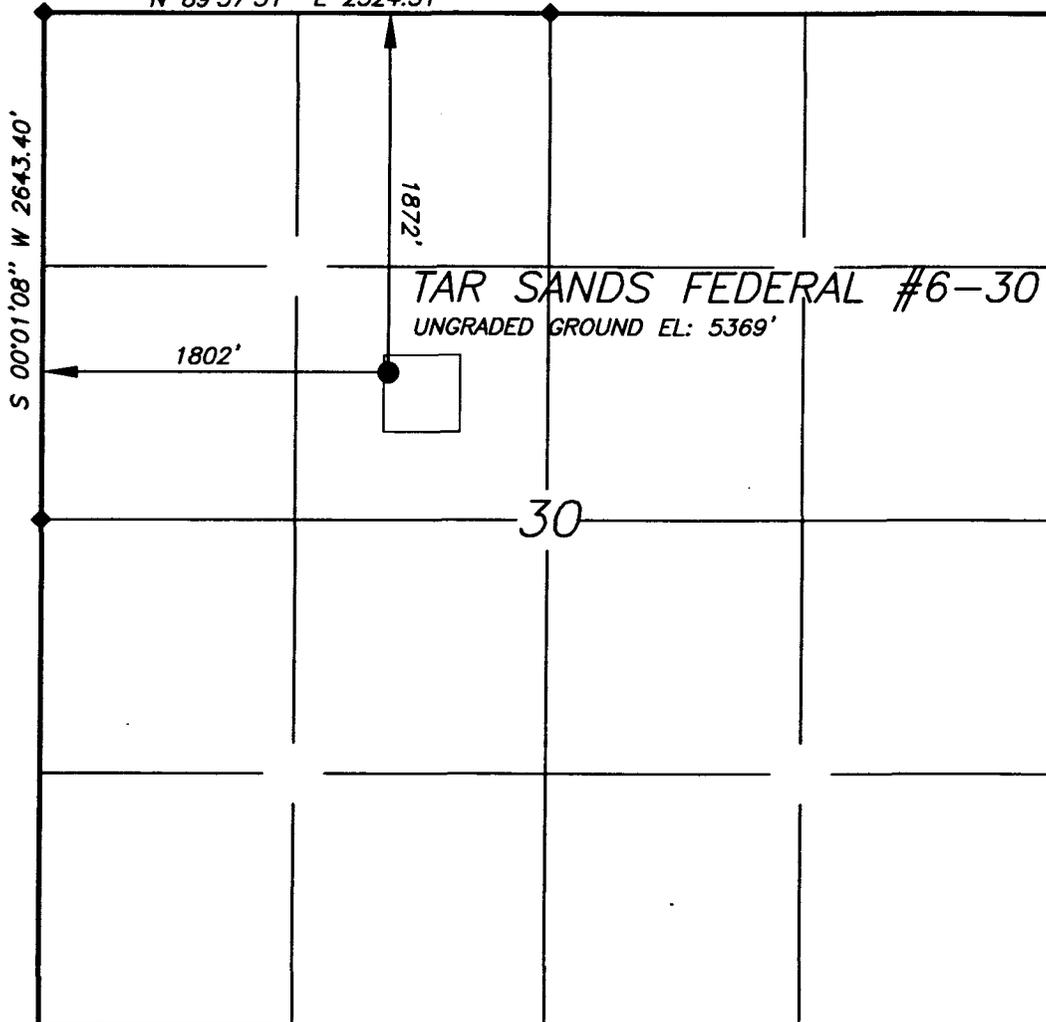
TAR SANDS FEDERAL #6-30

N 89°37'31" E 2524.51'

RECEIVED

JUN 14 2001

INLAND RESOURCES



LEGEND AND NOTES

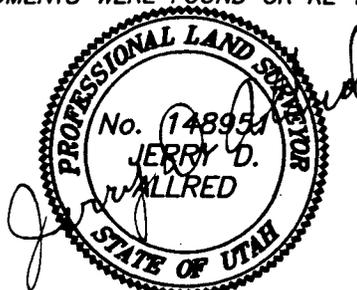
- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS, AS WAS THE U.S.G.S. MAP.

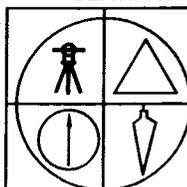
THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT. THE BEARINGS ARE BASED ON WGS84 DATUM.

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR RE-ESTABLISHED.



JERRY D. ALLRED, PROFESSIONAL LAND SURVEYOR, CERTIFICATE NO. 148951, STATE OF UTAH



JERRY D. ALLRED & ASSOCIATES
SURVEYING CONSULTANTS

121 NORTH CENTER ST.--P.O. BOX 975
DUCHESNE, UTAH 84021
(435) 738-5357

4 JUN 2001

84-121-083



July 10, 2001

State of Utah
Division of Oil, Gas & Mining
ATTN: Lisha Cordova
1594 West North Temple – Suite 1210
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Tar Sands Federal #6-30-8-17
Sand Wash Unit
Duchesne County, Utah

Dear Ms. Cordova:

You asked me for details about our drilling water:

Water will be obtained from Johnson Water District. A temporary line may be used for water transportation from our existing supply line, a 3" water connection which we purchased from Johnson Water District, or trucked from Inland's water supply lines, located at the Monument Butte Federal #5-35 (SWNW, Sec. 35, T08S, R16E, SLM) per specific agreement dated Jan. 12, 1989, between Lomax Exploration (now Inland Resources Inc.) and Johnson Water District; or at the Gilsonite State #7-32 (SWNE, Sec. 32, T08S, R17E, SLM) per Permit Application No. 47-1804 (F69524); or the Travis Federal #15-28 (SWSE, Sec. 28, T08S, R16E, SLM), or other taps which may be installed on Inland's water system in the future.

If you require any additional information, please contact me at (303) 893-0102.

Sincerely,

Joyce McGough
Regulatory Specialist

cc: BLM – Vernal, Utah
Inland Field Office

RECEIVED

JUL 12 2001

**DIVISION OF
OIL, GAS AND MINING**



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

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

July 18, 2001

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

Re: Tar Sands 6-30-8-17 Well, 1872' FNL, 1802' FWL, SE NW, Sec. 30, T. 8 South,
R. 17 East, 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 43-013-31712.

Sincerely,

A handwritten signature in cursive script, appearing to read "John R. Baza".

John R. Baza
Associate Director

er

Enclosures

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

Operator: Inland Production Company
Well Name & Number Tar Sands 6-30-8-17
API Number: 43-013-31712
Lease: U 74869

Location: SE NW **Sec.** 30 **T.** 8 South **R.** 17 East

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 of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will 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.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company
Well Name & Number: Tar Sands 6-30-8-17
API Number: 43-013-31712
Lease Number: U-74869
Location: SENW Sec. 30 T.8S R. 17E
Agreement: Sand Wash Unit

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.

The operator is fully responsible for the actions of his 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. 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 John Mayers or Pete Sokolosky of this office **prior to setting the next casing string or requesting plugging orders.** Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected.

2. Pressure Control Equipment

The BOPE system must be installed and tested in accordance with the requirements outlined in Onshore Order 2

Chart recorders shall be used for all pressure tests of the BOP system.

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.

3. Casing Program and Auxiliary Equipment

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

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

The top of the Green River formation has been identified at 2879'. The cement behind the surface casing must extend at least 200' above the Green River/Uintah formation contact.

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.

As a minimum, visual mud monitoring equipment must be in place to monitor detect pit volume changes.

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 vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

Cement bond logs (CBL) will be run from the production casing shoe to the top of cement or 200' above the surface casing shoe, whichever comes first. Submit a field copy of the CBL to this office.

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

6. Notifications of Operations

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

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

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

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

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

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

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

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to

the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

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, you must contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 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 (COA)
Inland Production Company - Well No.s 6-30-8-17

Plans For Reclamation of Location:

All seeding for reclamation operations at this location shall use the following seed mixture:

shadscale	Atriplex confertifolia	3 lbs/acre
mat saltbush	Atriplex corrugata	3 lbs/acre
gardners saltbush	Atriplex gardneri	3 lbs/acre
galleta grass	Hilaria jamesii	3 lbs/acre

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

Immediately after construction the stockpiled top soil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

The previously reclaimed location had sites that were not reclaimed. A trench for water flow, a silt catchment basin, and a small soil pile. At the time of reclamation each of these site will be included in the recontouring of the well site if determined necessary by the authorized officer.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: TAR SANDS 6-30-8-17 (RE-ENTRY)

Api No. 43-013-31712 LEASE TYPE: FEDERAL

Section 30 Township 08S Range 17E County DUCHESNE

Drilling Contractor LEON ROSS DRILLING RIG # 14

SPUDDED:

Date 08//282001

Time 1:00 PM

How DRY

Drilling will commence _____

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 08/29/2001 Signed: CHD

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 Unit

8. Well Name and No.
Tar Sands 6-30-8-17

9. API Well No.
43-013-31712

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, 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.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1871' FNL & 1802' FWL SE/NW Sec. 30, T8S, R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input 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>Spud</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.)*

Well was previous P & A on 12/13/96. Surface csgn. (85/8"J-55 24#) was left in the well bore. On 8/28/01. IPC crews dug up dry hole marker and installed WHI "92" weld on well head. Well was spud @ 1:00pm on 8/28/01. Ross Rig # 14 drilled out surface cement plug from surface to 280' depth. 85/8" csgn is set @ 295 GL. No surface gas was detected. Wait on drilling rig.

RECEIVED
SEP 05 2001
DIVISION OF
OIL, GAS AND MINING

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

Signed

Pat Wisener
Pat Wisener

Title

Drilling Foreman

Date

08/31/2001

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 306.79

LAST CASING 8 5/8" SET AT 306.79'
 DATUM 13' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 315 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Tar Sands 6-30-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross #14

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	293.94
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	295.79
TOTAL LENGTH OF STRING	295.79	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	13
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	306.79
TOTAL	297.83	7		

TOTAL CSG. DEL. (W/O THRDS)	297.83	7	} COMPARE
TIMING	1ST STAGE		
BEGIN RUN CSG.	SPUD	12/03/1996	GOOD CIRC THRU JOB <u>Yes</u>
CSG. IN HOLE			Bbls CMT CIRC TO SURFACE <u>5 bbls</u>
BEGIN CIRC			RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE
BEGIN PUMP CMT			DID BACK PRES. VALVE HOLD ? <u>N/A</u>
BEGIN DSPL. CMT			BUMPED PLUG TO _____ 120 _____ PSI
PLUG DOWN	Cemented	12/04/1996	

CEMENT USED		CEMENT COMPANY- halliburton
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	120	Class V w/ 2% CaCL, & 1/4# SK flocele, Mixed @ 14.8 ppg, w/ 1.36 YLD

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Centralizers - Middle first, top second & third for 3	

COMPANY REPRESENTATIVE Donn Murphy

RECEIVED

DATE 12/04/1996

SEP 05 2001

DIVISION OF
OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

P. 02

FAX NO. 435 646 3031

INLAND PRODUCTION CO

SEP-18-01 TUE 02:50 PM

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B X	99999	12308	43-013-31712	Tar Sands #6-30-8-17	SE/NW	30	8S	17E	Duchesne	August 28, 2001	9-18-01 08/28/01
WELL COMMENTS 9-18-01											
ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B X	99999	12391	43-013-32257	Boundary #7-34-8-17	SWINE	34	8S	17E	Duchesne	August 30, 2001	9-18-01 08/30/01
WELL 2 COMMENTS 9-18-01											
ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B X	99999	12419	43-013-32213	Ashley Fed. #1-11-9-15	NE/NE	11	9S	15E	Duchesne	September 5, 2001	9-18-01 09/05/01
WELL 3 COMMENTS 9-18-01											
ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B X	99999	12410	43-013-32217	Ashley Fed. #10-11-9-15	NW/SE	11	9S	15E	Duchesne	September 10, 2001	9-18-01 09/10/01
WELL 4 COMMENTS 9-18-01											
ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B X	99999	12419	43-013-32216	Ashley Fed. #8-11-9-15	SE/NE	11	9S	15E	Duchesne	September 13, 2001	9-18-01 09/13/01
WELL 5 COMMENTS 9-18-01											

- ACTION CODES (See instructions on back of form)
- A - Assign an existing, or new, well string name.
 - B - Assign an existing or new well string name.
 - C - Reassign an existing well string name to an alternative entity.
 - D - Reassign an existing well string name to a new entity.
 - E - Clarify an existing well string name.

NOTE: Use COMMENTS field to explain any action taken. Date well entered

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SEP 18 2001

DIVISION OF
OIL, GAS AND MINING

[Signature]
Signature

Kathy S. Jones

Production Clerk
Title

September 13, 2001
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Inland Production Company

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1871' FNL & 1802' FWL SE/NW Section 30, T8S, R17E

5. Lease Designation and Serial No.
U-74869

6. If Indian, Allocated or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Sand Wash Unit

8. Well Name and No.
Tar Sands Federal 6-30-8-17

9. API Well No.
43-013-31712

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne County, Utah

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 Status report
	<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.)*
 Status report for time period 10/1/01 through 10/7/01.
 Subject well re-entry procedures continued with Key rig #965. 10" 3000 psi BOP, drilling spool & choke manifold were nipped up & pressure tested. 7 7/8" bit, drill collars & 2 7/8" tbg were picked up. Drilled through remaining top cement plug and two additional cement plugs and are still reaming original hole to bottom at present time.

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OCT 11 2001

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct
 Signed Gary Dietz Title **Completion Foreman** Date **8-Oct-01**

(This space for Federal or State office use)
 Approved by _____ Title _____ Date _____
 Conditions of approval, if any:
 CC: Utah DOGM

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

*See Instruction on Reverse Side

FORM 3160-5
(June 1990)

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

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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 Unit

8. Well Name and No.
Tar Sands Federal 6-30-8-17

9. API Well No.
43-013-31712

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

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

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

1871' FNL & 1802' FWL SE/NW Section 30, T8S, R17E

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 **Status report**
 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.)*

Status report for time period 10/8/01 through 10/14/01.
Subject well re-entry procedures continued with Key rig #965. 10" 3000 psi BOP, drilling spool & choke manifold were nipped up & pressure tested. 7 7/8" bit, drill collars & 2 7/8 tbg were picked up. Drilled through remaining top cmt plug and two additional cmt plugs and reamed old hole to 6202'. Stuck in hole. Shot off & LD tbg string Saturday. PU fishing tools Monday.

Stamp: RECEIVED
OIL AND GAS DIVISION
U.S. DEPARTMENT OF THE INTERIOR

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

Signed

Gary Dietz

Title

Completion Foreman

Date

13-Oct-01

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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(June 1990)

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BUREAU OF LAND MANAGEMENT

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

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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 C/A, Agreement Designation
Sand Wash Unit

8. Well Name and No.
Tar Sands Federal 6-30-8-17

9. API Well No.
43-013-31712

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

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

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

1871' FNL & 1802' FWL SE/NW Section 30, T8S, R17E

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other **Status report**

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.)*

Status report for time period 10/8/01 through 10/14/01.
Subject well re-entry procedures continued with Key rig #965. 10" 3000 psi BOP, drilling spool & choke manifold were nipped up & pressure tested. 7 7/8" bit, drill collars & 2 7/8 tbg were picked up. Drilled through remaining top cmt plug and two additional cmt plugs and reamed old hole to 6260'. Stuck in hole. Shot off & LD tbg string Saturday. PU fishing tools & drillpipe Monday & fished out stuck pipe. LD DP, fishing tools & fished pipe. PU & RIH W/ 5 1/2" csg string. Landed @ 6260' KB. Cemented W/ 400 sks Premlite 2 W/ 10% gel, 5#/sk BA90, 2#/sk kolseal, 3% KCL, .25#/sk celloflake. Tailed in W/ 525 sks 50/50 poz W/ 3% KCL, .25#/sk celloflake, 2% gel, .3% sodium metasilicate, .1% R-3 & 5#/sk staticfree. Had good returns throughout job W/ est 45 bbls cement to pit. Plug down @ 4:20 PM 10/19/01. Cutoff csg & weld on bell nipple. NU 6" 5M BOP & will start completion process on Monday.

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

Signed

Gary Dietz
Gary Dietz

Title

Completion Foreman

Date

19-Oct-01

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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

*See Instruction on Reverse Side

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OCT 24 2001

**DIVISION OF
OIL, GAS AND MINING**

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

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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 unit

8. Well Name and No.
Tar Sands Federal 6-30-8-17

9. API Well No.
43-013-31712

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne County Utah

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Inland Production Company

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
1871' FNL & 1802' FWI SE/NW Section 30, T8S, R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Status report
	<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.)*

Status report for time period 10/22/01 through 10/28/01.
Subject well had completion procedures initiated on 10/22/01. A total of three Green River intervals were perforated and hydraulically fracture treated w/ 10/40 mesh sand. Bridge plugs and sand plugs were removed from wellbore. Zones were swab tested for sand cleanup. Production thg was ran in well & landed. Will run rod pump & rod string and place well on production via rod pump on Monday 10/29/01.

14. I hereby certify that the foregoing is true and correct
Signed Gary Dietz Title **Completion Foreman** Date **29-Oct-01**

(This space for Federal or State office use)

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

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

*See Instruction on Reverse Side

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OCT 31 2001

DIVISION OF
OIL, GAS AND MINING



November 29, 2001

State of Utah, Division of Oil, Gas and Mining
Attn: Ms. Carol Daneils
P.O. Box 145801
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daneils

Tar Sands Federal #6-30-8-17 (43-013-31712)
Ashley Federal #5-12-9-15 (43-013-32181)
Duchesne County, UT

Dear Ms. Carol Daneils

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Dave Jull of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 893-0102 ext. 1449

Sincerely,

Brian Harris
Engineering Tech

Enclosures

cc: Bureau of Land Management
Vernal District Office, Division of Minerals
Attn: Edwin I. Forsman
170 South 500 East
Vernal, Utah 84078

Well File – Denver
Well File – Roosevelt
Patsy Barreau/Denver
Bob Jewett/Denver

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DEC 03 2001

DIVISION OF
OIL, GAS AND MINING

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK
 OIL WELL GAS WELL DRY Other _____
 1b. TYPE OF WELL
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other **REENTRY Redrill P&A well**

5. LEASE DESIGNATION AND SERIAL NO.
U-74869
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA
 7. UNIT AGREEMENT NAME
Sand Wash Unit
 8. FARM OR LEASE NAME, WELL NO.
TSF #6-30-8-17

2. NAME OF OPERATOR
INLAND RESOURCES INC.

9. WELL NO.
43-013-31712

3. ADDRESS AND TELEPHONE NO.
410 17th St. Suite 700 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
 At Surface **1802' FWL & 1871' FNL (SENW) Sec. 30 T8S, R17E**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 30, Twp 8S, Rng 17E

At top prod. Interval reported below
 At total depth **3/28/01**

14. API NO. **43-013-31712** DATE ISSUED _____
 12. COUNTY OR-PARISH **Duchesne** 13. STATE **UT**

15. DATE SPUNNING **10/2/01** 16. DATE T.D. REACHED **10/20/01** 17. DATE COMPL. (Ready to prod.) **10/29/01** 18. ELEVATIONS (DF, RKR, RT, GR ETC.)* **5373' GR 5383' KB** 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD **6259.61' KB** 21. PLUG BACK T.D., MD & TVD **6241' KB** 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY **----->** ROTARY TOOLS **X** CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4579'-6049'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
✓ CBL/CCLGR - 10-25-01

27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	293' GR	12-1/4"	To surface with 120 sx Class "V" cmt	
5-1/2" - J-55	15.5#	6259.61 KB	7-7/8"	400 sx Premlite II and 525 sx 50/50 Poz	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 6128' KB	TA @ 6023' KB

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/#shots	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP-1/LODC) 6045-49', 5886'-5902'	0.38"	4/80	5886'-6049'	Frac w/ 128,747# 20/40 sand in 912 bbl. fluid
(LODC) 5780'-5839'	0.38"	2/118	5780'-5839'	Frac w/ 144,687# 20/40 sand in 955 bbl. fluid
(GB sands) 4650-54', 4627-34', 4579-96'	0.38"	4/112	4579'-4654'	Frac w/ 228,000# 20/40 sand in 1510 bbl. fluid

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

33.* PRODUCTION

DATE FIRST PRODUCTION **10/29/01** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **2-1/2" x 1-1/2" x 15.5' RHAC Pump** WELL STATUS (Producing or shut-in) **PRODUCING**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			→	44.2	54.7	53.5	1238

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 _____

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

SIGNED Kevin S. Weller TITLE **Manager of Development Operations** 2001E 11/27/01

RECEIVED

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

DIVISION OF
OIL, GAS AND MINING

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Tar Sands Federal #6-30-8-17			
				Garden Gulch Mkr	4102'	
				Garden Gulch 2	4392'	
				Point 3 Mkr	4678'	
				X Mkr	4912'	
				Y-Mkr	4947'	
				Douglas Creek Mkr	5072'	
				BiCarbonate Mkr	5319'	
				B Limestone Mkr	5459'	
				Castle Peak	5980'	
				Basal Carbonate		
				Total Depth (LOGGERS)	6266'	

RECEIVED

OCT 03 2001

DIVISION OF OIL GAS AND MINING



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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

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



Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

CA No. **Unit:** SAND WASH (GREEN RIVER)

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
SAND WASH UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
TAR SANDS 6-30-8-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331712

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: **1871 FNL 1802 FWL**

COUNTY: **DUCHESNE**

OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: **SENW, 30, T8S, R17E**

STATE: **UT**

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

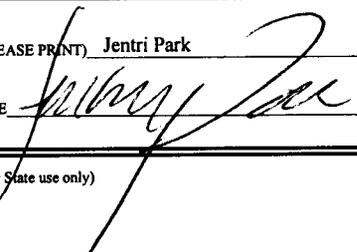
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/02/2007			

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

The above subject well has recompletion procedures performed on 06/10/07, attached is a daily status report.

NAME (PLEASE PRINT) **Jentri Park**

TITLE **Production Clerk**

SIGNATURE 

DATE **07/02/2007**

(This space for State use only)

RECEIVED

JUL 05 2007

DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

TAR SANDS 6-30-8-17

3/1/2007 To 9/30/2007

5/30/2007 Day: 1

Recompletion

NC #2 on 5/29/2007 - MIRU NDSI #2. RD pumping unit. Hotoiler had 60 bbls water pumped down csg. Softseat pump. Pumped 50 bbls 250° water down tbg. Did not catch pressure. Unseat pump. POOH w/ rods, stopping once to flush rods w/ 20 bbls 250° water. LD pump. X-over for tbg. SWIFN.

5/31/2007 Day: 2

Recompletion

NC #2 on 5/30/2007 - ND wellhead. Release TAC. NU BOP. POOH w/ tbg., looking for a hole in the tbg. Did not find the hole. LD BHA. RIH w/ 4 3/4" rock bit, 5 1/2" csg. scraper & 2 7/8" tbg. Tag fill @ 6231'. POOH w/ tbg. LD bit & scraper. SWIFN.

6/1/2007 Day: 3

Recompletion

NC #2 on 5/31/2007 - RU Perforators. RIH w/ 9' & 5' perf guns. Perforate the CP3 sands from 6139'- 6148' @ 4 SPF & the CP@ sands from 6111'- 6116' @ 4 SPF. POOH w/ wireline. LD perf guns & PU 6' & 5' perf guns. RIH w/ perf guns, perforate the B1 sands from 5404'- 5410' @ 4 SPF & the D2 sands from 5145'- 5150' @ 4 SPF. POOH w/ wireline & LD perf guns. RD Perforators. PU Weatherford RBP & HD packer. TIH w/ N-80 workstring PU from trailer drifting & tallying. Set RBP @ 5201' & HD pkr @ 5122'. RU hot oil truck. Break down the D2 sands @ 2800 psi w/ ISP of 1850 psi. RU rig pump & fill annulus to equalize hydrostatic. Release pkr & retrieve RBP. TIH & set RBP @ 5450'. PUH & set pkr @ 5368'. Breakdown B1 sands @ 2500 psi w/ ISP of 1500 psi. Release pkr & retrieve RBP. TIH & set RBP @ 6127' & pkr @ 6077'. Breakdown CP2 sands @ 4800 psi w/ ISP of 3800 psi. Release pkr. Couldn't get RBP to release. Circulate well attempting to release RBP w/o success. SWIFN.

6/2/2007 Day: 4

Recompletion

NC #2 on 6/1/2007 - Cont to attempt to release Plg. No luck. TOH w/ 2 7/8 tbg & Pkr. TIH w/ ret head & 2 7/8 tbg. RU Nabors power swivel. Latch onto Plg. Attempt to release Plg. No luck. TOH w/ tbg & ret head. PU TIH w/ 2 5/8 grapple, jars, bumper sub, & 2 7/8 tbg. Latch onto Plg & work torque w/ Nabors power swivel. Release Plg. TOH w/ tbg & BHA. SDFD @ 7:30.

6/5/2007 Day: 5

Recompletion

NC #2 on 6/4/2007 - Well on vacuum. TIH w/ 5 1/2" TS plug, Ret head, 2 3/8 sub, 5 1/2" HD pkr & 196 jts of tbg. Set plug @ 6180'. Set pkr @ 6124'. RU BJ Services & breakdown CP3 sds @ 6139- 48'. Broke @ 3802 psi. Pumped 10 bbls to get injection rate of 6.5 BPM @ 4600 psi. ISIP 2370 psi. Release pkr & move up hole. Install frac valve & set pkr @ 6052'. RU BJ Services to tbg. Hold pressure on annulus during frac. 0 psi on well. Frac CP3 & CP2 sds w/ 48,902#'s of 20/40 sand in 412 bbls of Lightning 17 fluid. Broke @ 3522 psi. Treated w/ ave pressure of 4086 psi @ ave rate of 14.2 BPM. ISIP 2213 psi. RD BJ Services. Begin immediate flowback on 12/64 @ 1 BPM. Flowed for 1 hr, 40 mins & died. Rec. 100 BW. Pressure up on annulus & release pkr. Circulate well clean. TIH w/ tbg. Tagged fill @ 6110'. Clean out to RBP @ 6180'. Release plug. LD 24 jts of 2 7/8 N-80 workstring. 562 BWTR. Set plug @ 5430'. TOH w/ 13 jts of 2 7/8 N-80. Install frac valve & set pkr @ 5006'.

RU BJ Services to tbg. Hold pressure on annulus during frac. 12 psi on well. Frac D2 & B1 sds w/ 33,322#'s of 20/40 sand in 293 bbls of Lightning 17 fluid. Broke @ 3371 psi. Treated w/ ave pressure of 3249 psi @ ave rate of 14.2 BPM. ISIP 1854 psi. RD BJ Services. Begin immediate flowback on 12/64 @ 1 BPM. Flowed for 1 hr, 10 mins & died. Rec. 65 BW. Pressure up on annulus & release pkr. Circulate well clean. TIH w/ tbg. Tagged fill @ 5420'. Clean out to RBP @ 5430'. Release plug. LD 100 jts of 2 7/8 N-80 workstring. SIWFN w/ 790 BWTR.

6/6/2007 Day: 6

Recompletion

NC #2 on 6/5/2007 - TIH w/ production tbg testing (having to circulate standing valve down every time). Found hole in jt #46. TIH w/ remaining tbg. Couldn't get solid test on bottom. RU sandline & RIH to tap standing valve down on bottom. Circulate 45 BW down tbg w/o solid test. TOOH w/ tbg looking for hole. Got out of hole & found standing valve to be unscrewed. SDFN.

6/7/2007 Day: 7

Recompletion

NC #2 on 6/6/2007 - TIH w/ 20 jts 2 7/8" tbg. Circulate oil off well. TOOH w/ tbg. TIH w/ 2 7/8" NC, 1- jt 2 7/8" J-55 6.5# tbg, SN 2- jts 2 7/8" J-55 tbg, TA, 8- jts 2 7/8", 10- jts 2 7/8" N-80 tbg, 169- jts 2 7/8" J-55 tbg. Had to kill well w/ 40 BW three times while TIH. Drop standing valve down tbg. Circulate well w/ 50 BW w/o a test. RIH w/ sandline to push down standing valve. Couldn't get past 2100' w/ sandline. POOH w/ sandline. RIH w/ fishing tool on sandline & retrieve standing valve from 2100'. TOOH w/ 65 jts tbg & found crimped jt. TIH w/ tbg. Drop standing valve down tbg. Circulate well w/ 50 BW w/o a test. RIH w/ sandline to push down standing valve. Couldn't get past 2125' w/ sandline. POOH w/ sandline. RIH w/ fishing tool on sandline & retrieve standing valve from 2125'. TOOH w/ 66 jts tbg & found crimped jt. SDFN.

6/8/2007 Day: 8

Recompletion

NC #2 on 6/7/2007 - Hot oiler had flushed tbg w/ 40 BW @ 250°. Tbg pressure was 400 psi & csg pressure was 450 psi. Pump standing valve down tbg & circulate well w/ 40 BW w/o test. RIH w/ sandline to push down standing valve. Couldn't get past 845' w/ sandline. POOH w/ sandline. RIH w/ fishing tool on sandline & retrieve standing valve. TOOH w/ 26 jts tbg & found crimped jt. Pump standing valve down tbg & pressure test tbg to 3500 psi. TIH w/ remainder of tbg & pressure test tbg to 3000 psi. RIH w/ fishing tool on sandline & retrieve standing valve. RU sandline to swab. Made 17 swab runs w/ SFL @ surface & EFL @ 1500' & final oil cut of 10%. Recovered 170 BW & 12 bbls oil w/ good show of gas & trace of sand. Tag sand @ 6205'. Clean out to PBD @ 6241'. Circulate well clean. SWIFN.

6/11/2007 Day: 9

Recompletion

NC #2 on 6/10/2007 - RD rig floor. ND wellhead. Set TA @ 6085' w/ 15,000# tension. RU hot oil truck & flush tbg w/ 60 BW @ 250°. X-over for rods. TIH w/ rods as detailed below. RU pumping unit. Hang off rods. Stroke test pump to 800 psi. PWOP @ 2:00 PM w/ 72" SL & 5 SPM. Steam off rig. Final Report!

Pertinent Files: Go to File List

NEWFIELD



July 2, 2007

Mr. Brad Hill
State of Utah, DOGM
1594 West North Temple-Suite 1310
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Re-completion
Tar Sands 6-30-8-17
Sec.30, T8S, R17E
API #4301331712

Dear Mr. Brad Hill:

The subject well had new perforations added in the Green River Formation. Then put back on production. Please find enclosed the sundry.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jentri Park".

Jentri Park
Production Clerk

RECEIVED

JUL 05 2007

DIV. OF OIL, GAS & MINING



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

**1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>**

AUG 27 2012

Ref: 8P-W-UIC

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Mr. Eric Sundberg
Regulatory Analyst
Newfield Production Company
1001 Seventeenth Street – Suite 2000
Denver, Colorado 80202

RECEIVED

SEP 10 2012

DIV. OF OIL, GAS & MINING

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

RE: Underground Injection Control
Additional Well to Sand Wash Area Permit
EPA UIC Permit UT20847-09602
Well: Tar Sands Federal 6-30-8-17
SENW Sec. 30-T8S-R17E
Duchesne County, Utah
API No.: 43-013-31712

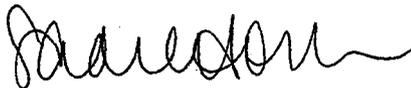
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Tar Sands Federal 6-30-8-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Sand Wash Area Permit UT20847-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval and (3) a completed EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

If you have any questions, please call Bob Near at (303) 312-6278 or (800) 227-8917, extension 312-6278. Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-UIC.

Sincerely,



 Callie A. Videtich
Acting Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well
Wellbore Schematic for Tar Sands Federal 6-30-8-17

cc: Letter Only:

Uintah & Ouray Business Committee:
Irene Cuch, Chairman
Ronald Wopsock, Vice-Chairman
Frances Poowegup, Councilwoman
Phillip Chimburas, Councilman
Stewart Pike, Councilman
Richard Jenks, Jr., Councilman

Johnna Blackhair
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 WYNKOOP STREET

DENVER, CO 80202-1129

Phone 800-227-8917

http://www.epa.gov/region08

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20847-00000

The Sand Wash UIC Area Permit UT20847-00000, effective May 26, 1998 authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On March 23, 2012, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Tar Sands Federal 6-30-8-17
EPA Permit ID Number:	UT20847-09602
Location:	1872' FNL & 1802' FWL SEnw Sec. 30-T8S-R17E Duchesne County, Utah API #43-013-31712

Pursuant to 40 CFR §144.33, Area UIC Permit UT20847-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20847-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: AUG 27 2012



 for **Callie A. Videtich**
 *Acting Assistant Regional Administrator
 Office of Partnerships and Regulatory Assistance

** The person holding this title is referred to as the Director throughout the permit and Authorization*

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Tar Sands Federal 6-30-8-17**

EPA Well ID Number: **UT20847-09602**

Prior to Commencing Injection Operations, the permittee shall submit the following information:

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram;
2. Pore pressure calculation of the proposed injection zone;
3. Results from a successful part I (internal) Mechanical Integrity test.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested. A submitted RTS which indicates the movement of fluid behind casing from the injection zone will result in a requirement to demonstrate part II mechanical integrity using an approved demonstration method such as a temperature log, oxygen activation log, or noise log at a frequency no less than once every five years.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

Approved Injection Interval: The injection interval is the part of the injection zone where fluids are directly emplaced. The approved injection interval for this well is from the top of the Garden Gulch Sand #2 to the top of the Wasatch Formation. Additional injection perforations may be added provided that they remain within the approved injection interval. Injection between the outermost casing protecting USDWs and the well bore is prohibited.

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is **1,185 psig**, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.699 psi/ft, SG is 1.015 and D is 4,597 ft.

UIC Area Permit No. UT20847-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However,

Authorization for Additional Well: UIC Area Permit UT20847-00000

Well: Tar Sands Federal 6-30-8-17 EPA Well ID: UT20847-09602

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cementing records, including the cement bond log, have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone. Therefore, a radioactive tracer survey is required.

Cementing records, including the cement bond log, have satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

Well Construction: Tubing and Packer: 2-7/8" or similar size injection tubing is approved. The packer shall be set at a depth no more than 100 ft. above the top perforation.

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (external) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

Demonstration of Financial Responsibility: The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 and a Standby Trust Agreement that have been approved by EPA. The Director may revise the amount required and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

Plugging and Abandonment: The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- (1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug (CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.
- (2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.
- (3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.
- (4) Isolate Surface Fluid Migration Paths:
 - a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR
 - b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
 - c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: **Tar Sands Federal 6-30-8-17**
EPA Well ID Number: **UT20847-09602**

Underground Sources of Drinking Water (USDWs): USDWs in the Sand Wash Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 173 ft. below ground surface in the Tar Sands Federal 6-30-8-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well.

Authorization for Additional Well: UIC Area Permit UT20847-00000
Well: Tar Sands Federal 6-30-8-17 EPA Well ID: UT20847-09602

Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

http:NRWRT1.NR.STATE.UT.US: According to the state of Utah, any water wells present within the permit area are shallow and do not intersect the injection zone.

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20771-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

The injectate is water from a Monument Butte Field Injection Facility and consists of culinary water from the Johnson Water District and/or water from the Green River, blended with produced Green River Formation water and resulting in TDS content less than 10,000 mg/l.

Confining Zone: A *Confining Zone* is a geological formation, group of formations, or part of a formation that is capable of limiting fluid movement above an injection zone. The designated Confining Zone for this well consists of three interbedded, thick impervious shales, confining marlstones and siltstones. The Confining Zone extends from approximately 200 feet above the Garden Gulch Marker to the top of the Garden Gulch Number 2 Sand within the Garden Gulch Member of the Green River Formation. This interval is found between the depths of 3,970 feet to 4,466 feet in the Federal 1-26-8-17 Type Gamma Log for the Monument Butte Field.

Injection Zone: An *injection zone* is a geological formation, group of formations, or part of a formation that receives fluids through a well. The Injection Zone for this well consists of the lower part of the Garden Gulch member starting at the top of the Garden Gulch #2 Sand and includes the Douglas Creek and Basal Carbonate members of the Green River Formation to the top of the Wasatch Formation.

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. However, the Cement Bond Log (CBL) does not show a sufficient interval of continuous 80 percent or greater cement bond index through the Confining Zone. Therefore, further demonstration that well cement is adequate to prevent significant migration of injection fluids behind casing is required.

Surface Casing: 8-5/8" casing is set at 294 ft. in a 12-1/4" hole, using 120 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 6,260 ft. in a 7-7/8" hole secured with 925 sacks of cement. Total driller depth is 6,259 ft. Plugged back total depth is 6,241 ft. EPA calculates top of cement at 2,435 ft. Estimated CBL top of cement is 585 ft.

Perforations: Top perforation: 4,579 ft. Bottom perforation: 6,148 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following six wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Tar Sands Federal 6-30-8-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Tar Sands Federal 3-30-8-17 API: 43-013-31755 NENW Sec. 30-T8S-R17E
This well is an injection well authorized by UIC Permit UT20847-04431. The top of cement is at 691'.

GMBU H-30-8-17 API: 43-013-50461 SWNE Sec. 30-T8S-R17E
The cement bond log shows the top of cement to be at 890', which is above the base of the Confining Zone at 4,506'.

Tar Sands Federal 7-30-8-17 API: 43-013-31807 SWNE Sec. 30-T8S-R17E
This is an injection well authorized by UIC Permit 20847-04438. The top of cement is at 398'.

GMBU- N-30-8-17 API: 43-013-50680 NESW Sec. 30-T8S-R17E
Top of cement is at the surface.

Tar Sands Federal 5-30-8-17 API: 43-013-31620 SWNW Sec. 30-T8S-R17E
This is an injection well authorized by UIC Permit 20847-04408. The top of cement is at the surface.

Sand Wash Federal G-30-8-17 API: 43-013-33817 NWNW Sec. 30-T8S-R17E
The top of cement is at 22'.

No Corrective Action Required on AOR wells: EPA reviewed all wells penetrating the Confining Zone within a ¼-mile radius of the proposed injection well and determined that cement in these wells is adequate to prevent the movement of fluid into USDWs. Top of cement is above the base of the Confining Zone in all AOR wells.

Reporting of Noncompliance:

- 1) Anticipated Noncompliance. The operator shall give advance notice to the Director of
Authorization for Additional Well: UIC Area Permit UT20847-00000
Well: Tar Sands Federal 6-30-8-17 EPA Well ID: UT20847-09602

any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.

- 2) **Compliance Schedules.** Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- 3) **(Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five days of the time the operator becomes aware of the noncompliance.** The written notice shall contain a description of the noncompliance and its cause, the period of noncompliance including dates and times, if the noncompliance has not been corrected the anticipated time it is expected to continue, and steps taken or planned to prevent or reduce recurrence of the noncompliance.

Twenty-Four Hour Noncompliance Reporting: The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- 1) Any monitoring or other information which indicates that any contaminant may cause an endangerment to an underground source of drinking water.
- 2) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting: The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>

Other Noncompliance: The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information: Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two weeks of the time such information became known.

Tar Sands Fed. #6-30-8-17

Spud Date: 10/2/01
 Put on Production: 10/29/01
 GL: 5373' KB: 5383'

Initial Production: 44.2 BOPD,
 54.7 MCFD, 53.5 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

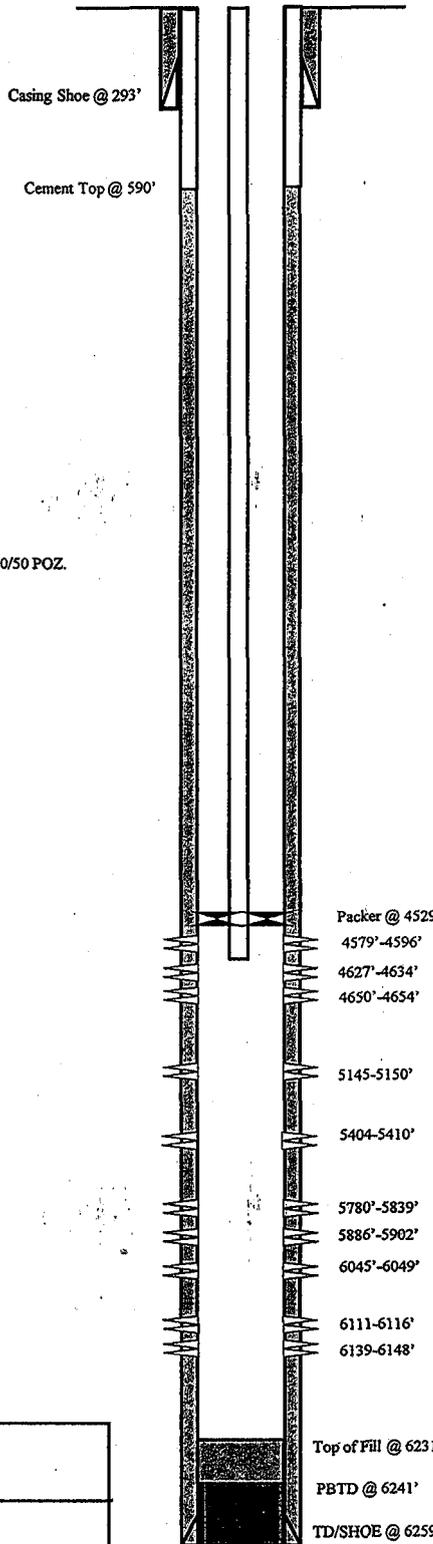
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (293.94')
 DEPTH LANDED: 293'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Class "V" cmt, full returns.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts. (6236.67')
 DEPTH LANDED: 6259.61'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ.
 CEMENT TOP AT: 590 per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 170 jts J-55 (5525')
 NO. OF JOINTS: 10 jts N-80 (320.70')
 NO. OF JOINTS: 7 jts J-55 tbg. (227.50')
 TUBING ANCHOR: 6086.20'
 NO. OF JOINTS: 2 jts (65.00')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 6154' KB
 NO. OF JOINTS: 1 jts (32.50')
 TOTAL STRING LENGTH: EOT @ 6188.05' w/ KB



FRAC JOB

10/22/01	5886'-6049'	Frac CP/LODC sands as follows: 128,747# 20/40 sand in 912 bbls Viking I-25 fluid. Treated @ avg press of 2020 psi w/avg rate of 30.2 BPM. ISIP 2180 psi. Flowed for 9.75 hrs then died.
10/24/01	5780'-5839'	Frac LODC sands as follows: 228,000# 20/40 sand in 1510 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/avg rate of 31.5 BPM. ISIP 2330 psi.
10/24/01	4579'-4654'	Frac CB sands as follows: 144,687# 20/40 sand in 955 bbls Viking I-25 fluid. Treated @ avg press of 1920 psi w/avg rate of 30.9 BPM. ISIP 2030 psi. Flowed for 7 hrs then died.
3/30/05		Tubing Leak. Update rod and tubing details.
1/25/06		Tubing leak. Update rod and tubing details.
05/29/07	Re-completion	
06/04/07	6111-6148'	Frac CP3 & CP2 sands as follows: 48902# 20/40 sand in 412 bbls Lightning 17 frac fluid. Treated @ avg press of 4086 psi w/avg rate of 14.2 BPM. ISIP 2213 psi. Calc flush: 2320 gal. Actual flush: 1428 gal
06/04/07	5145-5410'	Frac D2 & B1 sands as follows: 33322# 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 3249 psi w/avg rate of 14.2 BPM. ISIP 1854 psi. Calc flush: 2593 gal. Actual flush: 1260 gal
10-25-07		Pump Change. Updated rod & tubing details.
7/30/08		Pump Change. Updated rod & tubing details.

PERFORATION RECORD

Date	Depth Range	Number of Holes	Hole Type
10/22/01	6045'-6049'	4	JSPF 16 holes
10/22/01	5886'-5902'	4	JSPF 64 holes
10/24/01	5780'-5839'	2	JSPF 118 holes
10/24/01	4650'-4654'	4	JSPF 16 holes
10/24/01	4627'-4634'	4	JSPF 28 holes
10/24/01	4579'-4596'	4	JSPF 64 holes
05/31/07	6139-6148'	4	JSPF 36 holes
05/31/07	6111-6116'	4	JSPF 20 holes
05/31/07	5404-5410'	4	JSPF 24 holes
05/31/07	5145-5150'	4	JSPF 20 holes

NEWFIELD

Tar Sands Fed. #6-30-8-17
 1872' FNL & 1802' FWL
 SENW Section 30-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31712; Lease #U-74869

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 Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: TAR SANDS 6-30-8-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013317120000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1872 FNL 1802 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 30 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/5/2012	<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 checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" 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 type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 12/03/2012. On 12/04/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 12/05/2012 the casing was pressured up to 1220 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20847-09602

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
December 24, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/10/2012	

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: 12 / 15 / 2012
 Test conducted by: DAVE CLOWARD
 Others present: _____

Well Name: <u>6-30-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>TAR SANDS FEDERAL</u>		
Location: <u>SE/NW</u> Sec: <u>30</u> T <u>8</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> / W	County: <u>Duchesne</u>	State: <u>UTAH</u>
Operator: <u>NEWFIELD EXPLORATION</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: _____	PSIG

API 43-013-31712

- 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: 1220 / 200 psig

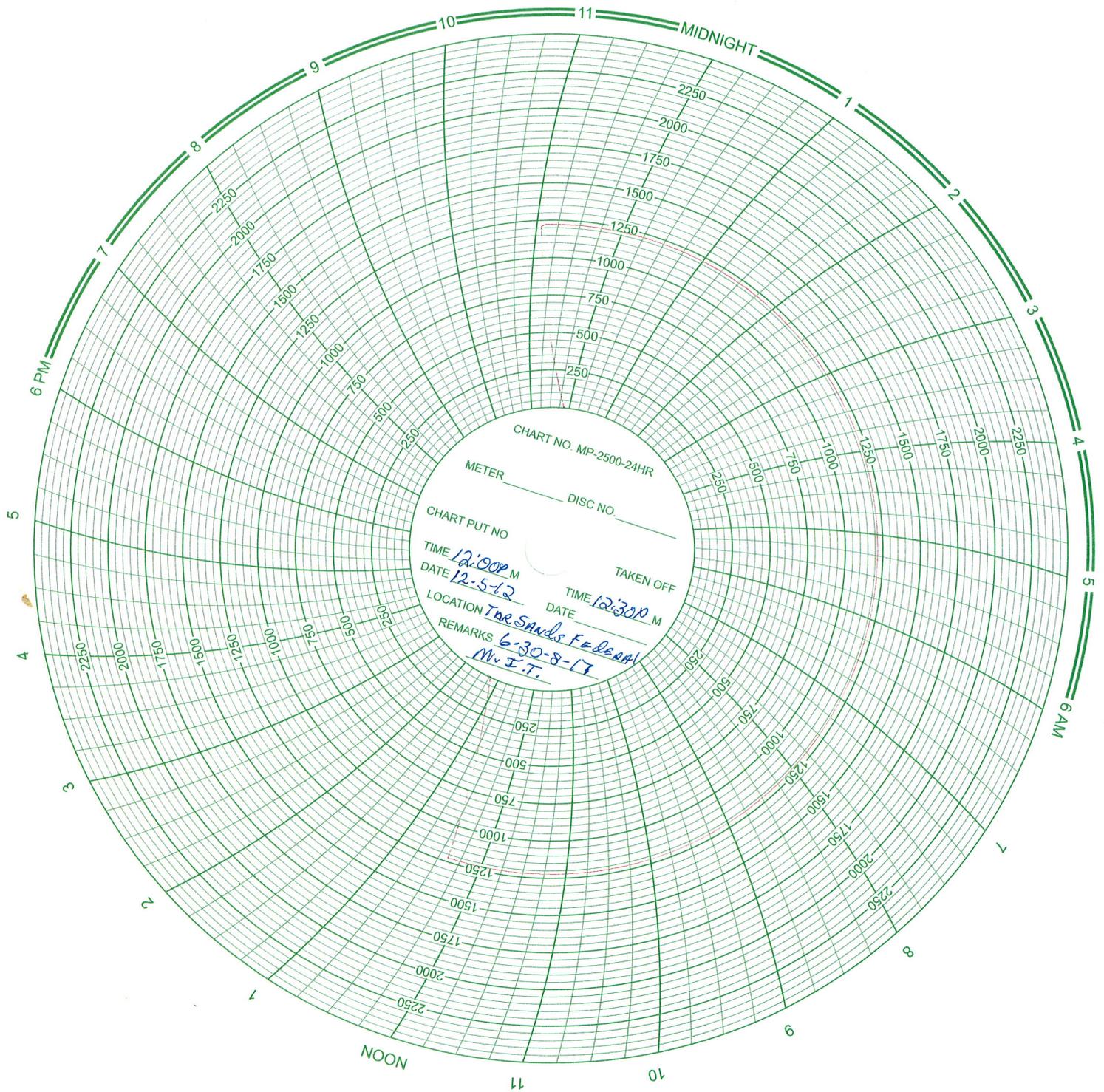
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>200</u> psig	psig	psig
End of test pressure	<u>200</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1220</u> psig	psig	psig
5 minutes	<u>1220</u> psig	psig	psig
10 minutes	<u>1220</u> psig	psig	psig
15 minutes	<u>1220</u> psig	psig	psig
20 minutes	<u>1220</u> psig	psig	psig
25 minutes	<u>1220</u> psig	psig	psig
30 minutes	<u>1220</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: _____



Daily Activity Report

Format For Sundry

TAR SANDS 6-30-8-17

9/1/2012 To 1/30/2013

11/30/2012 Day: 1

Conversion

WWS #9 on 11/30/2012 - Begin conversion - crew travel + saftey mtg. rig down, move off the fed 1-24-9-16 to the tarsands 6-30-8-17. rig up and remove head, pump 60 bbls down csg @ 250. ru on rod unseat pump20, 2 rods flush tbg w 40 bbls @ 250 Reset pupm, pump 40 bbls. No press. Definate tubing leak. LD rods 803 4per. Flush w 30 bbls cant ld rods. 11-3/4 4 per. 30-3/4 slick. Flush w 30 bbls. .cant ld sest of rods string7 pump. SWI@ 5:00. crew travel.

Daily Cost: \$0

Cumulative Cost: \$19,147

12/3/2012 Day: 2

Conversion

WWS #9 on 12/3/2012 - ND WH PU an TBG release TAC NU BOPS RD floor TooH breaking colla - ND WH PU an TBG release TAC NU BOPS RD floor TooH breaking collar and TALL n TBG 70 STS out flush w, 30 bbl at 250 cont TOO H w TBG 139 JTS then LD extra TBG on trailer 51 jts TAC PSN make up RIH w, 2-2/3 XN nipple w re-entry guide 4X2-3/8 TBG sub 2-3/8 cross over 5-1/2pkr

Daily Cost: \$0

Cumulative Cost: \$26,012

12/4/2012 Day: 3

Conversion

WWS #9 on 12/4/2012 - lush tubing w 30 bbl at 250 drop sv fill tbg w 25 bbl press up to 3000psi - flush tubing w 30 bbl at 250 drop sv fill tbg w 25 bbl press up to 3000psi lost 150 lbs in 30 min press back up to 3000 psi watch 30 min lost 90 psi bleed of to 0 then press back up to 3000 watch for 30 min lost 60 psi watch for anoher 30 min good bump back up to 3000 psi watch for 30 min good bleed off pres rih w. sandline retrieve sv POOH RD floor ND BOPS up 50 bbl PKaR fluid Down CSG REC SET 5-1/2 PKR @ 4529.78 w 15000 tenchshion hand w inj tree fill csg.

Daily Cost: \$0

Cumulative Cost: \$27,852

12/6/2012 Day: 4

Conversion

Rigless on 12/6/2012 - Conduct initial MIT - On 12/04/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 12/05/2012 the casing was pressured up to 1220 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20847-09602 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$110,186

Pertinent Files: [Go to File List](#)

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 6-30-8-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013317120000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1872 FNL 1802 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 30 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/29/2012	<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 checked="" 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="Put on Injection"/>

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

The above reference well was put on injection at 4:30 PM on
12/29/2012. EPA # UT22197-09602

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 07, 2013**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 1/3/2013	

Tar Sands Federal 6-30-8-17

Spud Date: 10/2/01
 Put on Production: 10/29/01
 GL: 5373' KB: 5383'

Initial Production: 44.2 BOPD,
 54.7 MCFD, 53.5 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (293.94')
 DEPTH LANDED: 293'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Class "V" cmt, full returns.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts. (6236.67')
 DEPTH LANDED: 6259.61'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 400 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ.
 CEMENT TOP AT: 590 per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" J-55 / 6.5#
 NO. OF JOINTS: 139 jts (4510.7')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4523.7' KB
 ON/OFF TOOL AT: 4524.8'
 ARROW #1 PACKER CE AT: 4529.75'
 XO 2-3/8 x 2-7/8 J-55 AT: 4533.5'
 TBG PUP 2-3/8 J-55 AT: 4534.1'
 X/N NIPPLE AT: 4538.1
 TOTAL STRING LENGTH: EOT @ 4539'

FRAC JOB

10/22/01 5886'-6049' **Frac CP/LODC sands as follows:**
 128,747# 20/40 sand in 912 bbls Viking I-25 fluid. Treated @ avg press of 2020 psi w/avg rate of 30.2 BPM. ISIP 2180 psi. Flowed for 9.75 hrs then died

10/24/01 5780'-5839' **Frac LODC sands as follows:**
 228,000# 20/40 sand in 1510 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/avg rate of 31.5 BPM. ISIP 2330 psi.

10/24/01 4579'-4654' **Frac GB sands as follows:**
 144,687# 20/40 sand in 955 bbls Viking I-25 fluid. Treated @ avg press of 1920 psi w/avg rate of 30.9 BPM. ISIP 2030 psi. Flowed for 7 hrs then died

3/30/05 **Tubing Leak.** Update rod and tubing details.

1/25/06 **Tubing leak.** Update rod and tubing details.

05/29/07 **Re-completion**

06/04/07 6111-6148' **Frac CP3 & CP2 sands as follows:**
 48902# 20/40 sand in 412 bbls Lightning 17 frac fluid. Treated @ avg press of 4086 psi w/avg rate of 14.2 BPM. ISIP 2213 psi. Calc flush: 2320 gal. Actual flush: 1428 gal

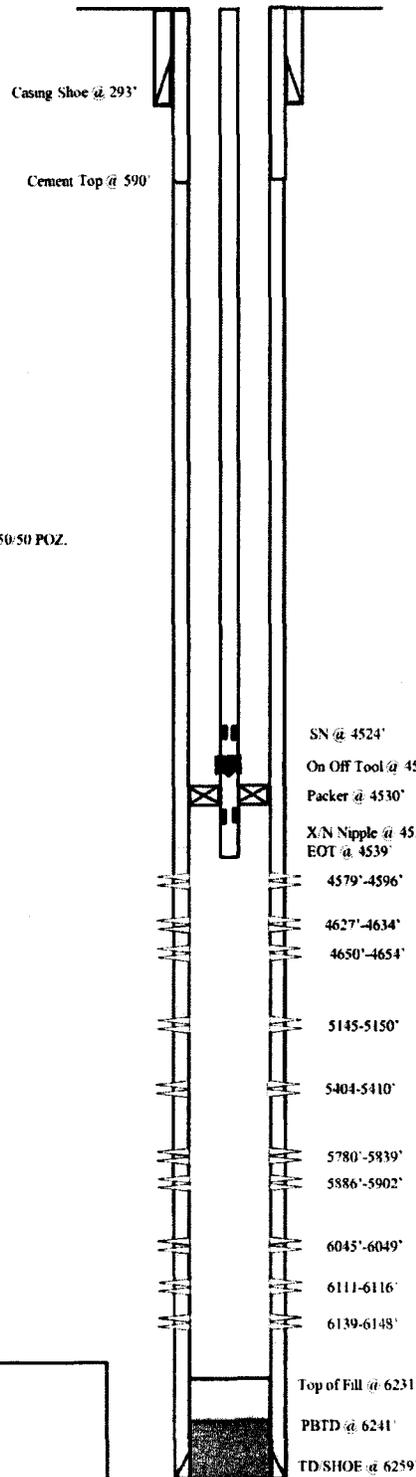
06/04/07 5145-5410' **Frac D2 & B1 sands as follows:**
 33322# 20/40 sand in 293 bbls Lightning 17 frac fluid. Treated @ avg press of 3249 psi w/avg rate of 14.2 BPM. ISIP 1854 psi. Calc flush: 2593 gal. Actual flush: 1260 gal

10/25/07 **Pump Change.** Updated rod & tubing details

7/30/08 **Pump Change.** Updated rod & tubing details.

12/03/12 **Convert to Injection Well**

12/05/12 **Conversion MIT Finalized** - update tbg detail



PERFORATION RECORD

Date	Depth Range	Number of JSPF	Number of Holes
10/22/01	6045'-6049'	4 JSPF	16 holes
10/22/01	5886'-5902'	4 JSPF	64 holes
10/24/01	5780'-5839'	2 JSPF	118 holes
10/24/01	4650'-4654'	4 JSPF	16 holes
10/24/01	4627'-4634'	4 JSPF	28 holes
10/24/01	4579'-4596'	4 JSPF	64 holes
05/31/07	6139-6148'	4 JSPF	36 holes
05/31/07	6111-6116'	4 JSPF	20 holes
05/31/07	5404-5410'	4 JSPF	24 holes
05/31/07	5145-5150'	4 JSPF	20 holes

NEWFIELD

Tar Sands Federal 6-30-8-17
 1872' FNL & 1802' FWL
 SENW Section 30-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31712; Lease #U-74869