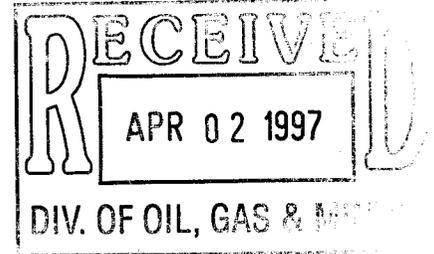




March 28, 1997



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

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

**ATTENTION: Ed Forsman
Wayne Bankert**

**RE: Tar Sands Federal #2-33
Tar Sands Federal #2-31**

Gentlemen,

Enclosed is the original and two copies (each,) of the Application For Permit to Drill, for the above referenced location.

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

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

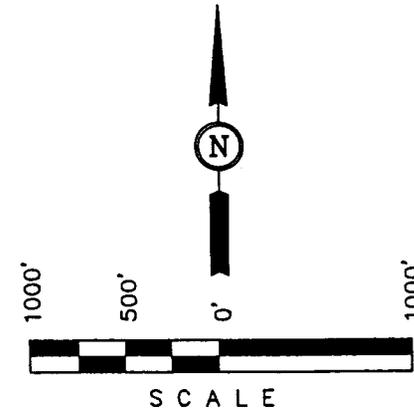
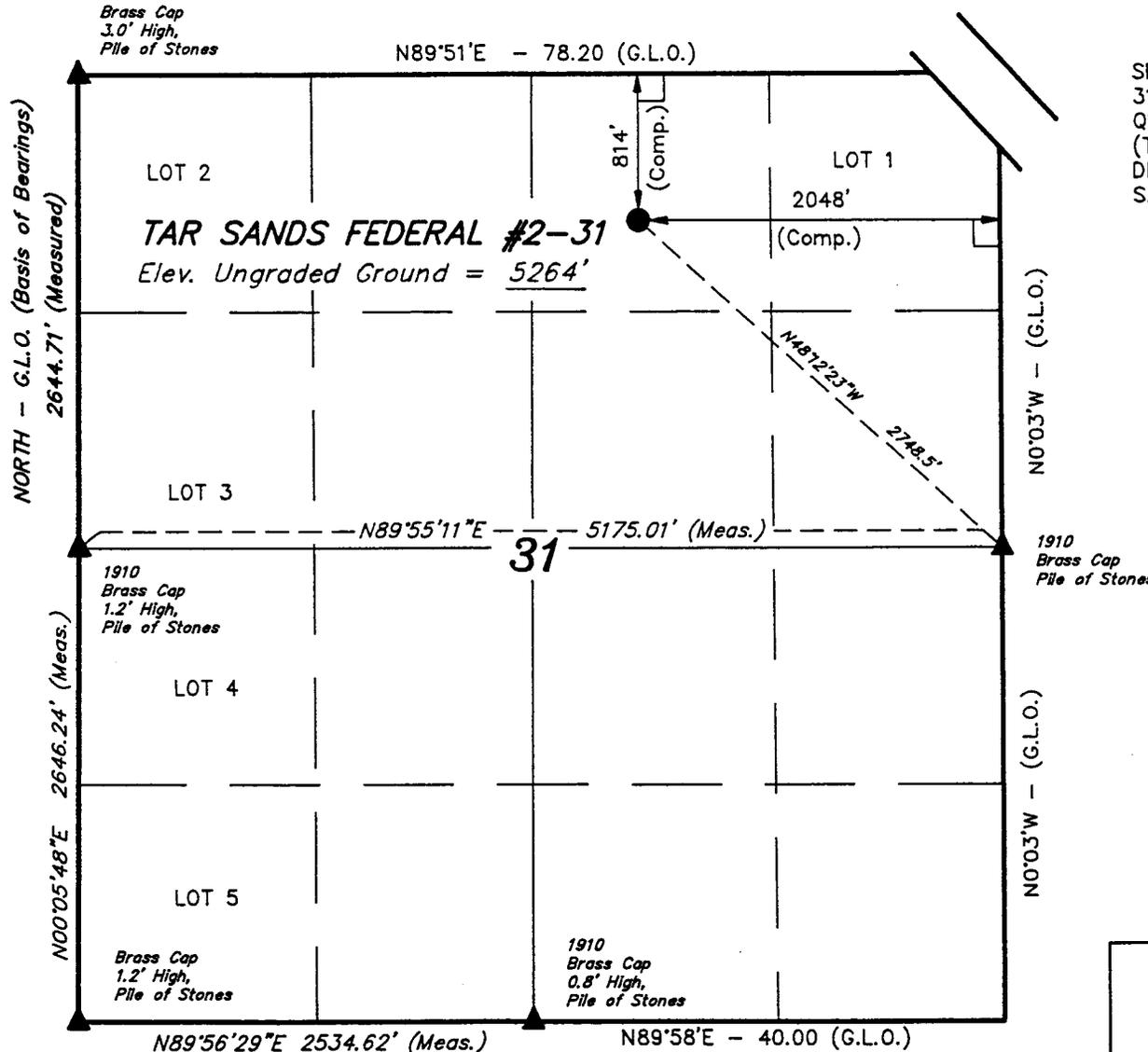
T8S, R17E, S.L.B.&M.

INLAND PRODUCTION CO.

Well location, TAR SANDS FEDERAL #2-31, located as shown in the NW 1/4 NE 1/4 of Section 31, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 31, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5301 FEET.



CERTIFICATE

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

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

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

LEGEND:

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

SCALE 1" = 1000'	DATE SURVEYED: 4-15-96	DATE DRAWN: 4-24-96
PARTY G.S. R.E. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE INLAND PRODUCTION CO.	

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #2-31
NW/NE SECTION 31, T8S, R17E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 3050'
Green River	3050'
Wasatch	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 of 5 lb. - 8 lb. Barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

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

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

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

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

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

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

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

It is anticipated that the drilling operations will commence the second quarter of 1997, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #2-31
NW/NE SECTION 31, T8S, R17E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Tar Sands Federal #2-31 located in the NW 1/4 NE 1/4 Section 31, 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 southwesterly along Utah State Highway 6.3 miles to an existing dirt road to the southwest, proceed southwesterly 2.8 miles to its junction with an existing dirt road to the southeast, proceed southeasterly 2.8 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 oil field 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 proposed access road leaves the existing location (Tar Sands Federal #6-31,) in the SE1/4 NW1/4 Section 31, T8S, R17E, S.L.B., and proceeds in a northeasterly direction approximately .3 miles \pm , to the proposed location site. If the Tar Sands Federal #2-31 is built before the Tar Sands Federal #6-31 and #5-31, the access road will be 1.1 miles. See Exhibit "B".

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%.

TAR SANDS FEDERAL #2-31

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

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

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

3. LOCATION OF EXISTING WELLS

There are twenty (20) producing, five (5) injection, and one (1) P&A, Inland Production wells, and one (1) producing and one (1) injection Dalon well, within a one (1) mile radius of this well. See Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

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

Tank batteries will be built to BLM specifications.

Oil storage tanks, water tanks and heater treaters for the Tar Sands Federal #2-31 will be located outside the 0.5 mile radius and will be located at the Tar Sands Federal #5-31 location. This location is approximately 0.5 miles to the southwest and approximately at a 0.5 mile radius from any known nest.

Heat traced oil, gas and water lines will be bundled and painted desert tan and laid on the surface from the Tar Sands Federal #2-31 location to the Tar Sands Federal #5-31 location.

Crude oil will be collected at the Tar Sands Federal #5-31 location via access from the west. No crude oil haul/tanker trucks will enter the 0.5 mile radius. The crude oil will be transferred from the proposed surface line from the Tar Sands Federal #2-31 to the Tar Sands Federal #5-31, along the proposed access road.

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

Lease operators will maintain a daily log of hawk activities observed from March 1, through July 31, and submit a summary log to the BLM on a monthly basis from March 1 through July 31.

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 oil field. 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 #2-31. A temporary line may be used for water transportation from our existing supply line, from Johnson Water District (See Exhibit "G"), or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

See Location Layout Sheet - Exhibit "E".

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

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 40 X 8' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the wellbore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

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

A portable toilet will be provided for human waste.

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

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for reinjection 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 southwest 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 west corner, between stakes 5 & 6.

TAR SANDS FEDERAL #2-31

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

Fencing Requirements

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

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

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

10. PLANS FOR RESTORATION OF SURFACE

a) *Producing Location*

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

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

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

TAR SANDS FEDERAL #2-31

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

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

The Archaeological Cultural Resource Survey is attached.

Inland Production Company requests that a pipeline ROW be granted to the Tar Sands Federal #2-31, from the Tar Sands Federal #3-31, for a 3" poly gas line and a 4" poly return line. Both lines will be run on surface, adjacent to road-way. A temporary line may be used from Johnson Water District to provide water for drilling and completion. See Exhibit "G."

Additional Surface Stipulations

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

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of the Tar Sands Federal #2-31, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Tar Sands Federal #2-31, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

Inland Production Company or a contractor employed by Inland Production shall contact the

TAR SANDS FEDERAL #2-31

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 #2-31 NW/NE Section 31, Township 8S, Range 17E: Lease U-74869, Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed 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.

3-15-99

Date



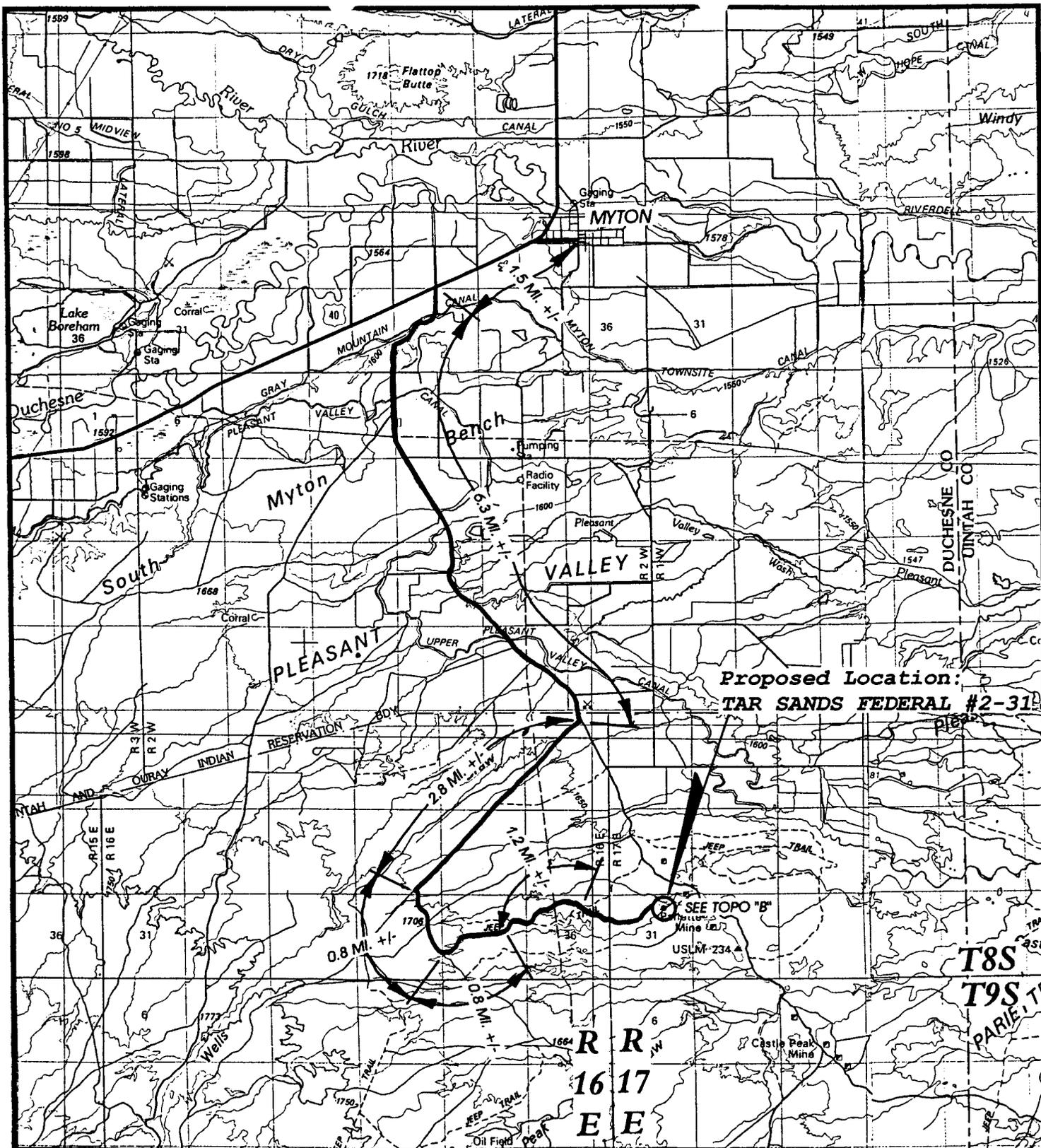
Brad Mecham
District Manager

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

INACTIVE NESTS

FERRUGINOUS HAWK

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



Proposed Location:
TAR SANDS FEDERAL #2-31

UELS

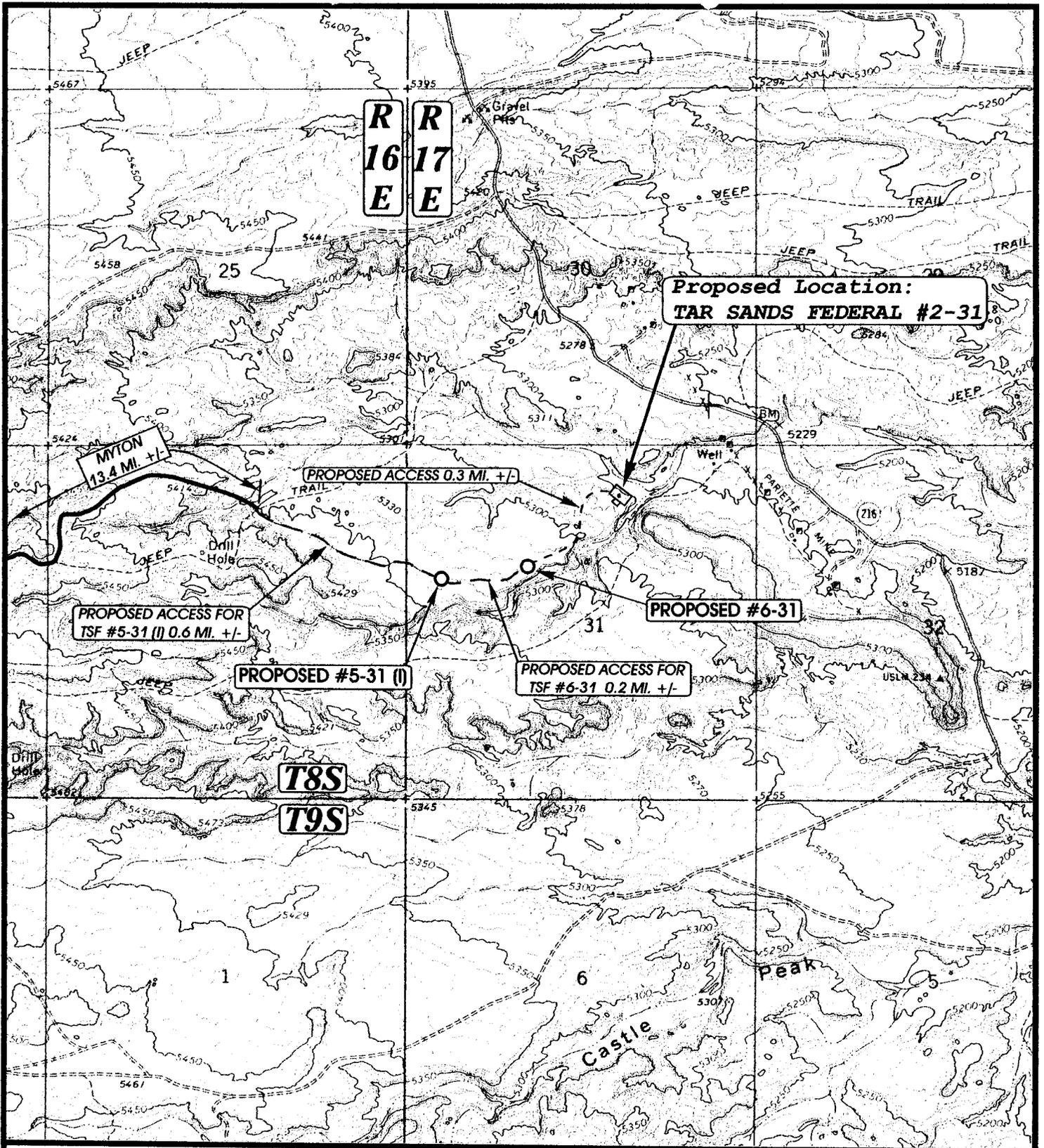
**TOPOGRAPHIC
 MAP "A"**

DATE: 4-25-96
 Drawn by: D.COX



INLAND PRODUCTION CO.
TAR SANDS FEDERAL #2-31
SECTION 31, T8S, R17E, S.L.B.&M.
814' FNL 2048' FEL

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

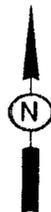


UELS

**TOPOGRAPHIC
MAP "B"**

**DATE: 4-25-96
Drawn by: D.COX**

UNTIAH ENGINEERING & LAND SURVEYING
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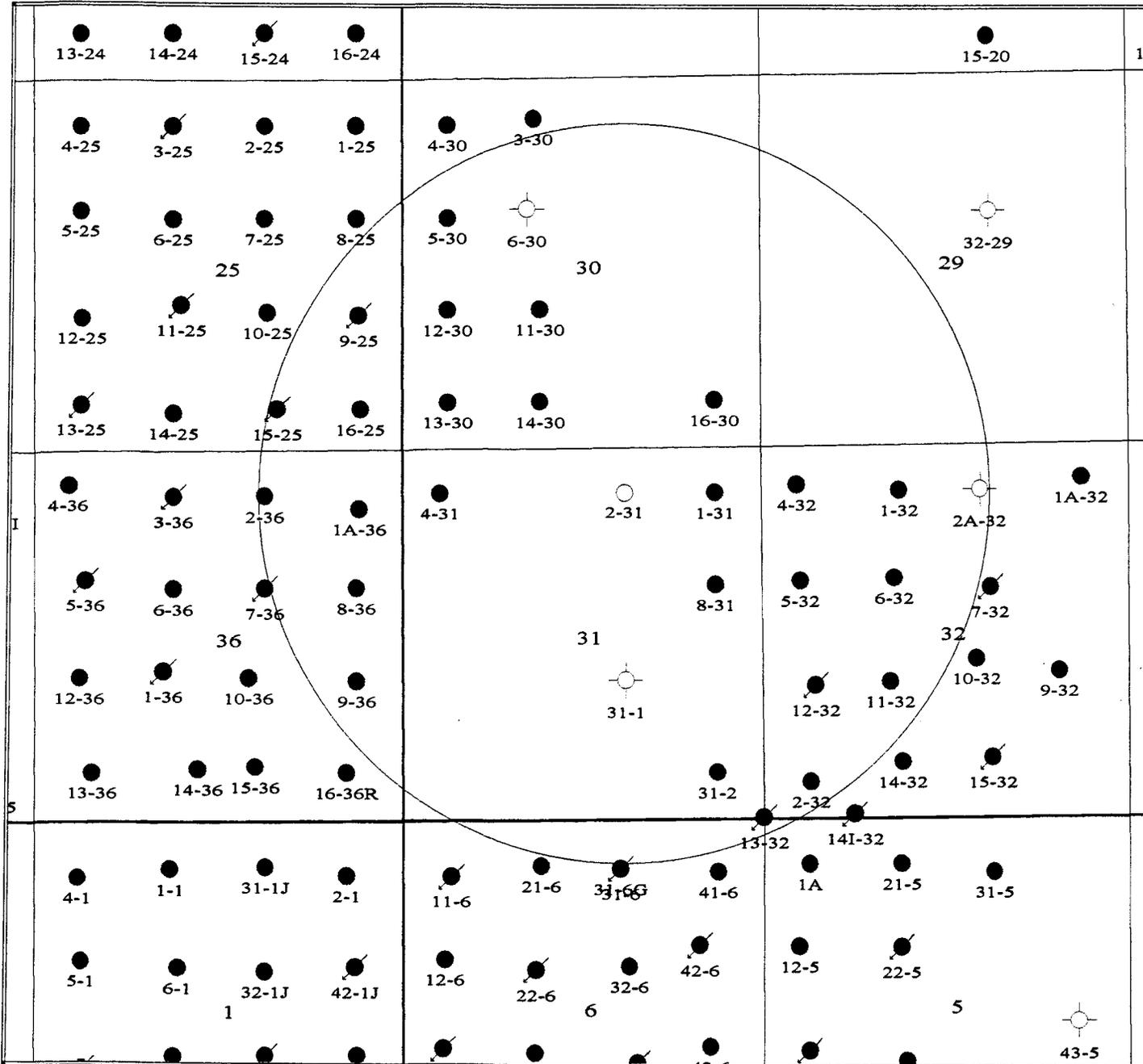


SCALE: 1" = 2000'

INLAND PRODUCTION CO.

**TAR SANDS FEDERAL #2-31
SECTION 31, T8S, R17E, S.L.B.&M.
814' FNL 2048' FEL**

EXHIBIT "D"



Inland
SERVICES INC.

475 17th Street Suite 1500
Durango, Colorado 80022
Phone: (303)-292-0900

Tar Sands Federal #2-31
One Mile Radius
Ducharme County, Utah

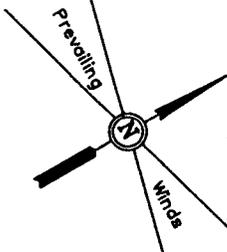
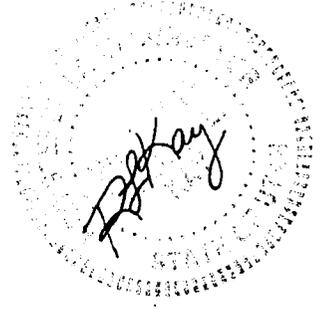
Date: 3/10/97

INLAND PRODUCTION CO.

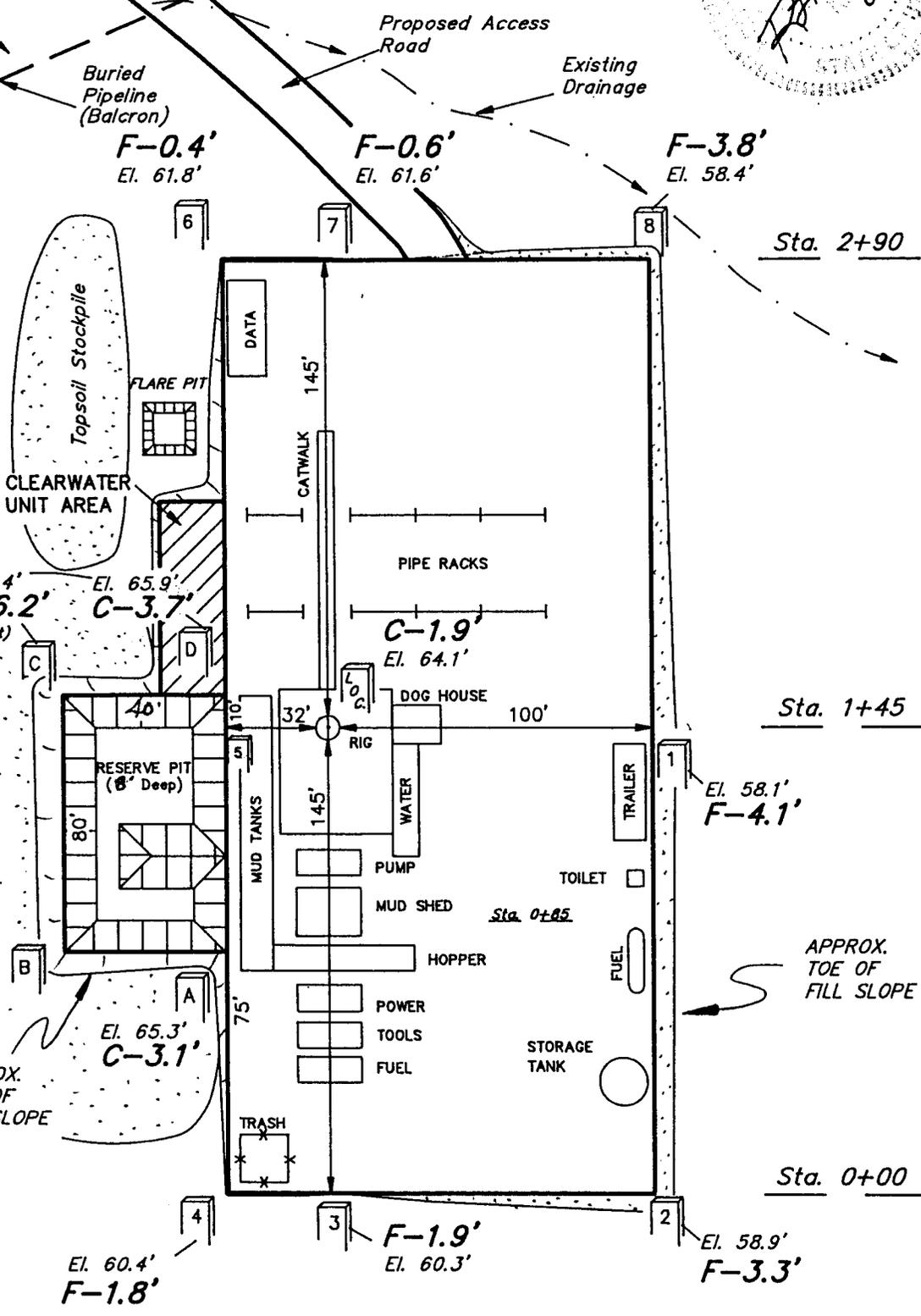
LOCATION LAYOUT FOR

TAR SAND FEDERAL #2-31
SECTION 31, T8S, R17E, S.L.B.&M.

814' FNL 2048' FEL



SCALE: 1" = 50'
DATE: 4-24-96
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 = 3,090 Bbls.

El. 68.4'
C-16.2'
(Btm. Pit)

El. 65.9'
C-3.7'

El. 67.5'
C-15.3'
(Btm. Pit)

El. 65.3'
C-3.1'

APPROX. TOP OF CUT SLOPE

El. 58.1'
F-4.1'

El. 60.4'
F-1.8'

F-1.9'
El. 60.3'

El. 58.9'
F-3.3'

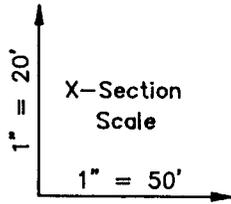
Elev. Ungraded Ground at Location Stake = **5264.1'**
Elev. Graded Ground at Location Stake = **5262.2'**

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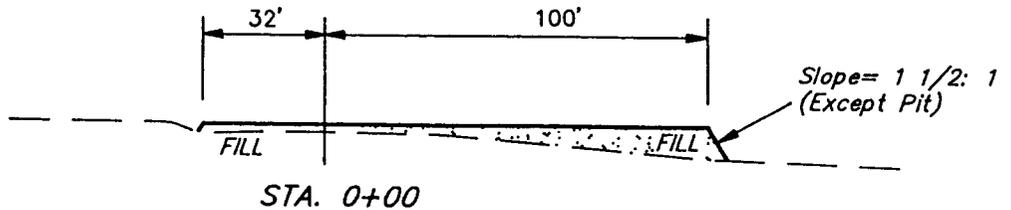
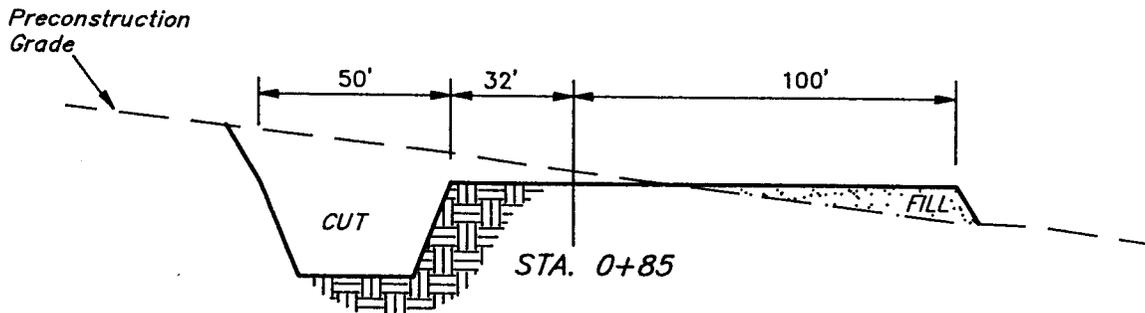
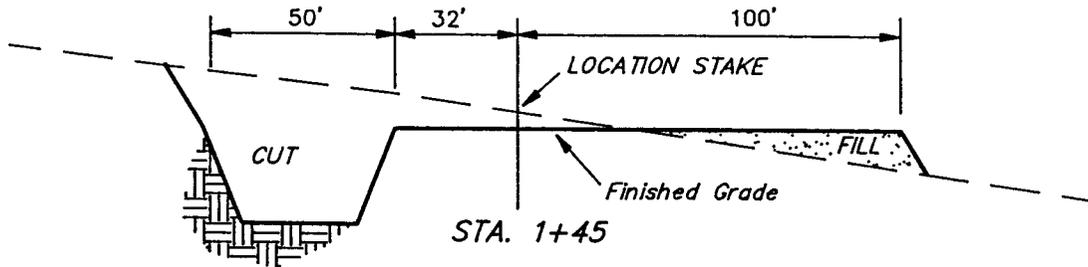
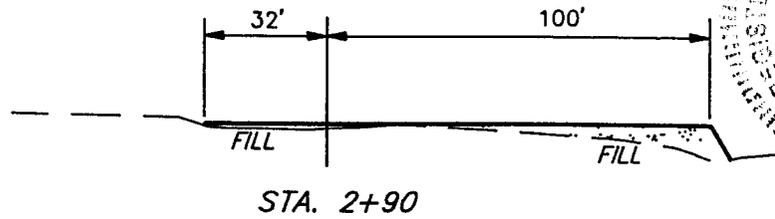
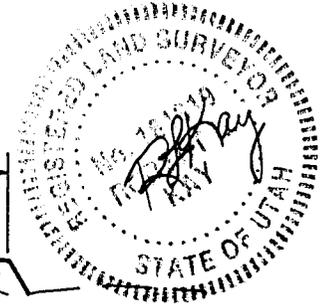
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

TAR SAND FEDERAL #2-31
SECTION 31, T8S, R17E, S.L.B.&M.
814' FNL 2048' FEL



DATE: 4-24-96
Drawn By: D.R.B.



APPROXIMATE YARDAGES

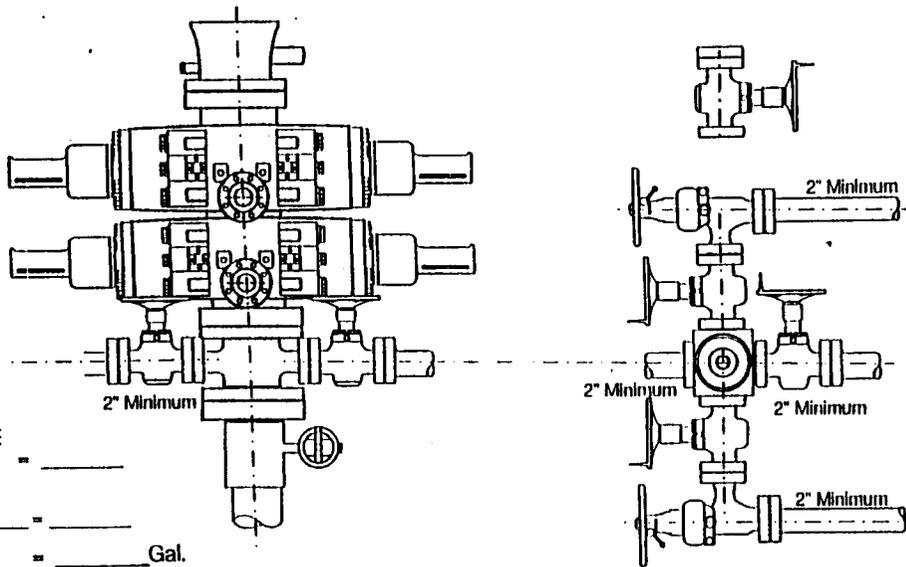
CUT	
(6") Topsoil Stripping	= 780 Cu. Yds.
Remaining Location	= 2,340 Cu. Yds.
TOTAL CUT	= 3,120 CU.YDS.
FILL	= 1,790 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,240 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,240 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) 788-1017

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

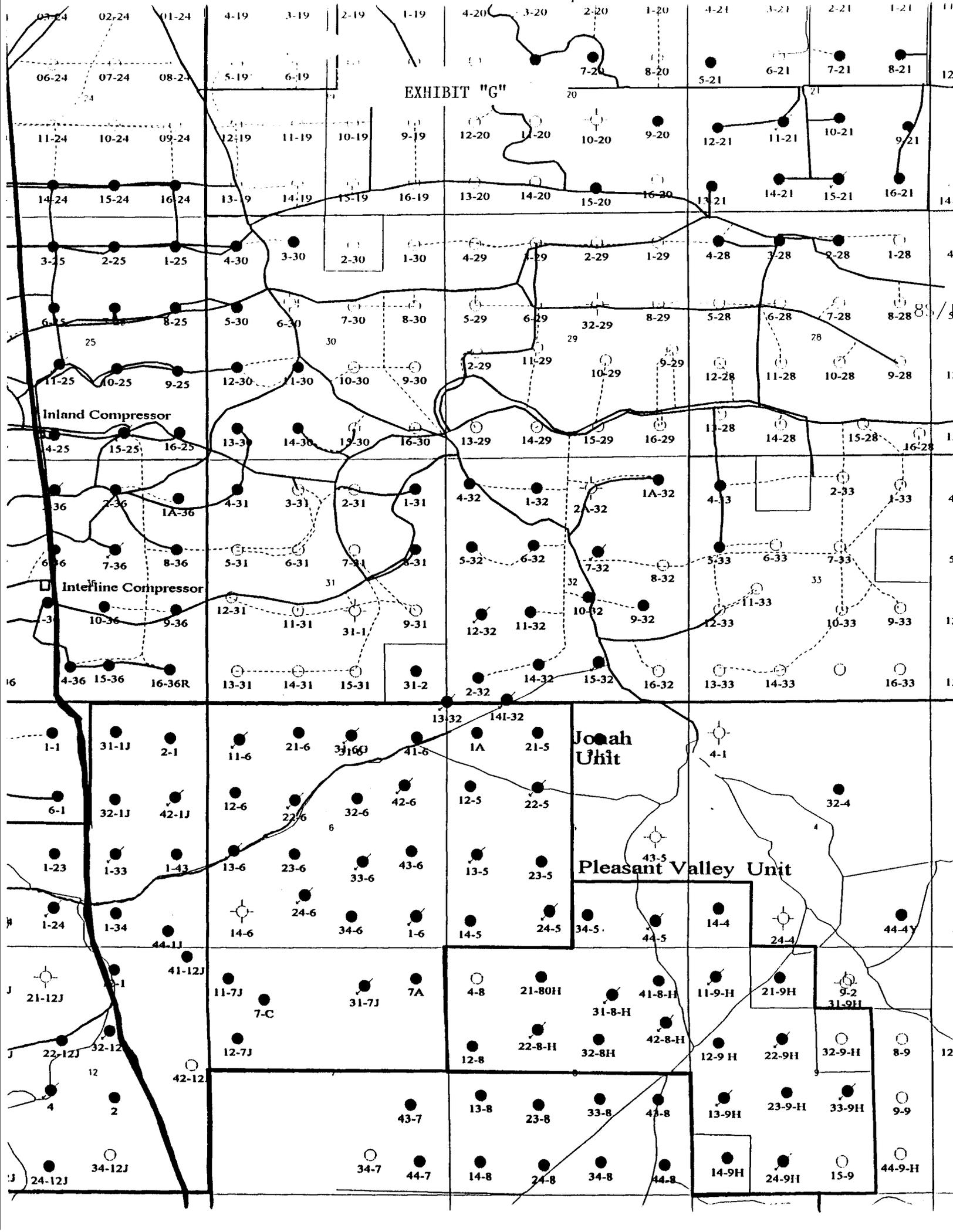
2-M SYSTEM



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

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

EXHIBIT "G"



Inland Compressor

Interline Compressor

Joah Unit

Pleasant Valley Unit

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/02/97

API NO. ASSIGNED: 43-013-31866

WELL NAME: TAR SANDS FEDERAL 2-31
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
 NWNE 31 - T08S - R17E
 SURFACE: 0814-FNL-2048-FEL
 BOTTOM: 0814-FNL-2048-FEL
 DUCHESNE COUNTY
 MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
 LEASE NUMBER: U - 74869

PROPOSED PRODUCING FORMATION: GRRV

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

RECEIVED AND/OR REVIEWED:

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

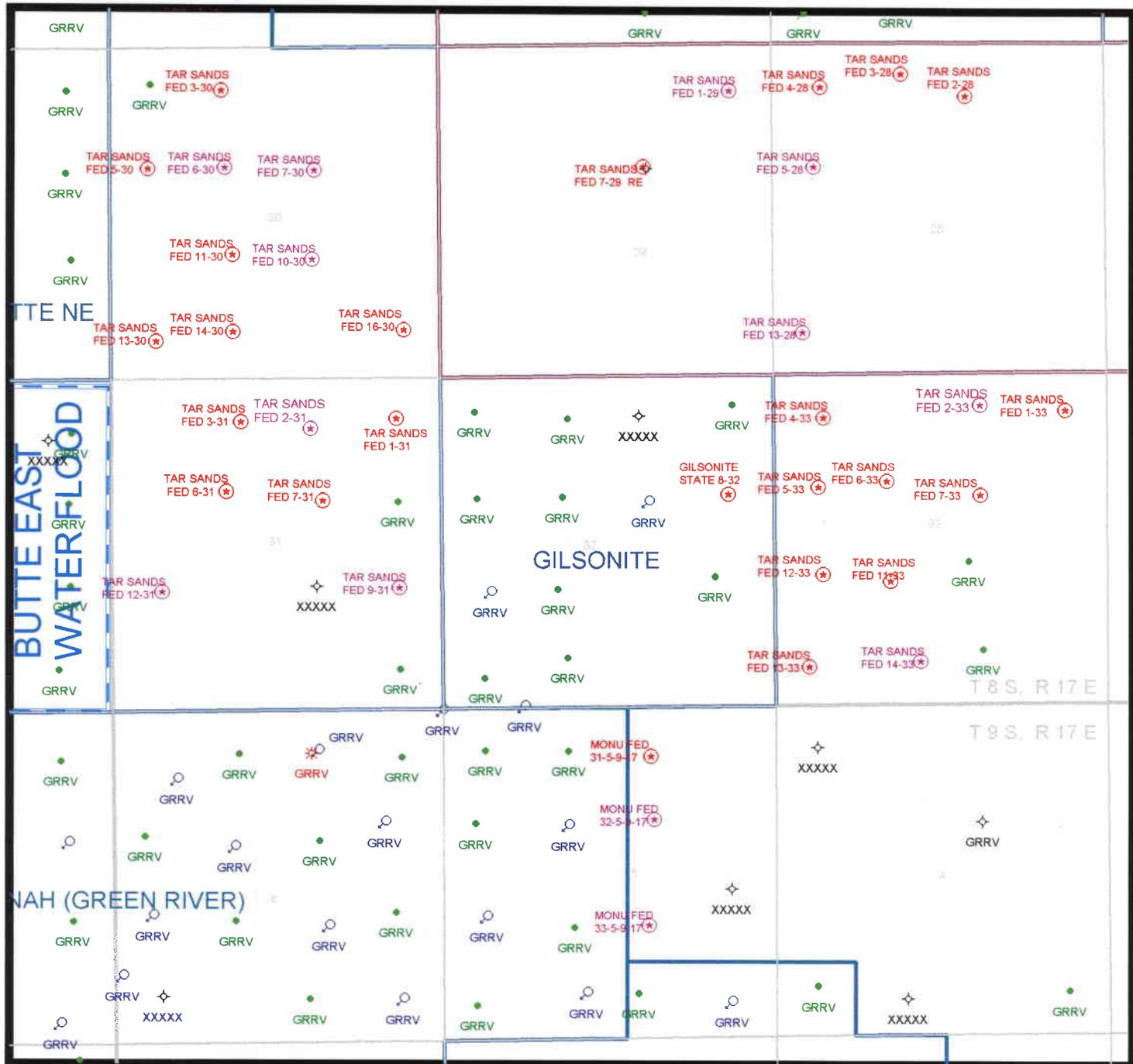
LOCATION AND SITING:

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

COMMENTS: _____

STIPULATIONS: _____

OPERATOR: INLAND (N5160)
FIELD: MONUMENT BUTTE (105)
SECTION: 31,33, T8S, R17E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 7-APR-97

DOGMA

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

5. LEASE DESIGNATION AND SERIAL NO.
U-74869

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Tar Sands Federal

2. NAME OF OPERATOR
Inland Production Company

9. WELL NO.
#2-31

3. ADDRESS OF OPERATOR
P.O. Box 790233 Vernal, UT 84073 Phone: (801) 789-1866

10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At Surface **NW/NE**
 At proposed Prod. Zone **814' FNL & 2048' FEL**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31, T8S, R17E

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

12. County **Duchesne** 13. STATE **UT**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
814'

16. NO. OF ACRES IN LEASE
1968.01

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
1254'

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5262.2' GR

22. APPROX. DATE WORK WILL START*
2nd Quarter 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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

SURFACE PIPE - Premium Plus Cement, w/ 2% CaCl2, 1/4# Flocele/sk

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H2O Req: 6.4 Gal/sk

LONG STRING - Lead: Hibond 65 Modified

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H2O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 Gal/sk

RECEIVED

APR 10 1997

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

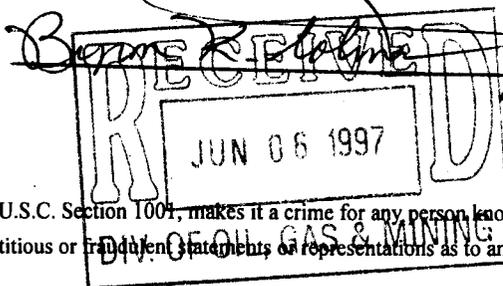
24. SIGNED Brad Mecham TITLE District Manager DATE 3/19/97

(This space for Federal or State approval)
NOTICE OF APPROVAL

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: _____



ACTING Assistant Field Manager
Mineral Resources

JUN 03 1997

*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.

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

Ut 080-772-223

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Federal 2-31

API Number: 43-013-31866

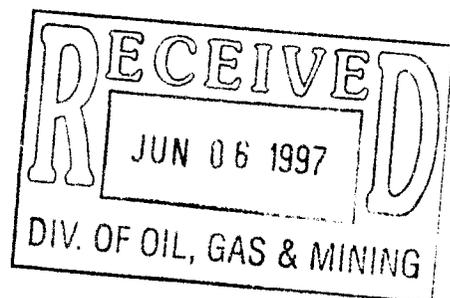
Lease Number: U - 74869

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

NOTIFICATION REQUIREMENTS

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

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



CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

3. Casing Program and Auxiliary Equipment

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

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

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

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

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

Ed Forsman (801) 789-7077
Petroleum Engineer

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

Jerry Kenczka (801) 781-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

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

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

Refinery wastes

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

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

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

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

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

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

-Ferruginous Hawk

1. No new construction or surface disturbing activities will be conducted within a 0.5 mile radius of an inactive nest. This COA may be modified based on one or more of the following mitigative opportunities:
 - a. The nest has showed no signs of breeding/nesting activity for a least two consecutive breeding seasons or,
 - b. The biologist has determined that the nests in question are in such poor condition that monitoring the nests for two breeding seasons is not necessary.
 - c. Artificial Nesting Platforms will be constructed and placed by the operator. Up to 3 platforms will be constructed for each natural nest involved in mitigation. The BLM AO will determine the placement of the platforms.
2. From May 30 through February 28, new construction or surface-disturbing activities will be conducted within a 0.5 mile of an inactive nest subject to the following restrictions:

- a. Where possible, well pads proposed for construction within 0.25 miles of an inactive nest will be placed where permanent facilities will not be visible from the nest. Access roads to well pads will be designed to avoid line-of-sight visibility from inactive nests to the maximum extent practical.
 - b. Wells proposed within 0.5 miles of an inactive nest will be either converted to injection wells or equipped with muffled multi-cylinder engines or with equipment of comparable quietness.
3. Road access from the main road will be limited to a single-lane improved road for each well. During normal operations human access to injection wells will be limited to 4 trips per month by a single lease operator driving a full size pickup. Human access to producing wells will be limited to 1 trip per day by a single lease operator driving a full-size pickup.
 4. Storage tanks and heater-treaters for new wells will be positioned at least 0.5 mile from the inactive nest in common tank/treater batteries or will use an existing facility. No crude oil haul/tanker trucks will enter the 0.5 mile radius from an inactive nest.

Stipulation 1c. of the Ferruginous hawk COA would be implemented.



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

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

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

June 4, 1997

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

Re: Tar Sands Federal 2-31 Well, 814' FNL, 2048' FEL, NW NE,
Sec. 31, T. 8 S., R. 17 E., Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31866.

Sincerely,

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

Lowell P. Braxton
Deputy Director

lwp

Enclosures

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

Operator: Inland Production Company
Well Name & Number: Tar Sands Federal 2-31
API Number: 43-013-31866
Lease: U-74869
Location: NW NE Sec. 31 T. 8 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: TAR SANDS FEDERAL 2-31

Api No. 43-013-31866

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

Drilling Contractor

Rig #

SPUDDED:

Date 6/11/97

Time

How DRY HOLE

Drilling will commence

Reported by FACSIMILE

Telephone #

Date: 6/16/97 Signed: JLT

✓

INLAND PRODUCTION CO. TEL: 801-722-5103 Jun 17, 97 8:29 No. 002 P. 02

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

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

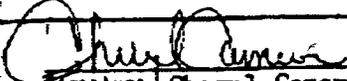
OPERATOR ACCT. NO. H 5160

ACTION CODE	EXISTING ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QU	SE	TP	RS			
A	99999	12142	43-013-31866	Tar Sands Federal #2-31	NWNE	31	8S	17E	Duchesne	6/11/97	6/11/97
WELL 1 COMMENTS: <i>Entity added 6-18-97. lc</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

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

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

(3 of 3)


 Signature Cheryl Cameron
 RCS _____ Date 6/17/97
 Title _____
 Phone No. 801 789-1866

Facsimile Cover Sheet

To: Lisha Cordova
Company: State of Utah
Phone: (801) 538-5296
Fax: (801) 539-3940

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

Date: 6/17/97

**Pages including this
cover page: 2**

Comments: Entity Action Form for Tar Sands Federal #2-31.

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

<p>1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other</p> <p>2. Name of Operator Inland Production Company</p> <p>3. Address and Telephone No. P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866</p> <p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NW/NE 814' FNL & 2048' FEL Sec. 31, T8S, R17E</p>	<p>5. Lease Designation and Serial No. U-74869</p> <p>6. If Indian, Allottee or Tribe Name</p> <p>7. If unit or CA, Agreement Designation</p> <p>8. Well Name and No. Tar Sands Federal #2-31</p> <p>9. API Well No. 43-013-31866</p> <p>10. Field and Pool, or Exploratory Area Monument Butte Federal</p> <p>11. County or Parish, State Duchesne, UT</p>
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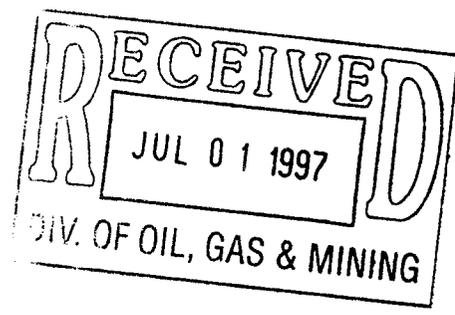
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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>Spud Surface Hole</u>	<input type="checkbox"/> Dispose Water

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

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

Drilled 12 1/4" hole to 305' w/ Leon Ross Rathole Rig. Set 302.54' of 8 5/8" 24# J-55 ST&C csg. Pump 10 bbls dye wtr & 10 bbls gel. Cmt w/ 120 sx Prem + w/ 2% gel, 2% CC + 1/4#/sk flocele, 14.8 ppg, 1.37 ft/sk yield. Good returns w/ est 3 bbls cmt to surf. Drilled Rathole & Mousehole f/ Four Corners, Rig #6. Spud Surface hole @ 7:30 am, 6/11/97.



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

Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 6/16/97

Cheryl Cameron

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

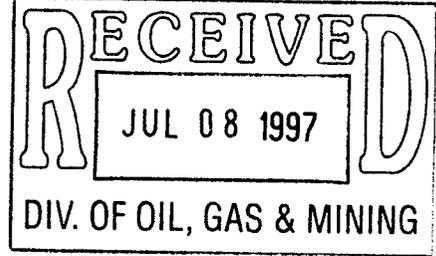
1. Type of Well (Oil Well checked), 2. Name of Operator (Inland Production Company), 3. Address and Telephone No. (P.O. Box 790233 Vernal, UT 84079), 4. Location of Well (NW/NE 814' FNL & 2048' FEL), 5. Lease Designation and Serial No. (U-74869), 6. If Indian, Allottee or Tribe Name, 7. If unit or CA, Agreement Designation, 8. Well Name and No. (Tar Sands Federal #2-31), 9. API Well No. (43-013-31866), 10. Field and Pool, or Exploratory Area (Monument Butte Federal), 11. County or Parish, State (Duchesne, UT)

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA. Includes table with columns for TYPE OF SUBMISSION and TYPE OF ACTION.

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 6/23/97 - 6/29/97:

Drilled 7 7/8" hole from 305' - 6025' w/ Four Corners, Rig #6. Run 6046.34' of 5 1/2" 15# J-55 LT&C csg. Cmt w/ 20 bbls dye wtr, 20 bbls gel, 350 sx Hibond 65 mod, mixed @ 11.0 ppg w/ 3.0 ft/sk yield. Followed by 270 sx Thixo, 10% CalSeal mixed @ 14.2 ppg w/ 1.59 ft/sk yield. Good returns w/ dye wtr to surface. Rig released @ 10:00 am 6/29/97.



14. I hereby certify that the foregoing is true and correct. Signed Cheryl Cameron, Title Regulatory Compliance Specialist, Date 6/30/97

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well (Oil well checked), 2. Name of Operator (Inland Production Company), 3. Address and Telephone No. (P.O. Box 790233 Vernal, UT 84079), 4. Location of Well (NW/NE 814' FNL & 2048' FEL Sec. 31, T8S, R17E)

5. Lease Designation and Serial No. (U-74869), 6. If Indian, Allottee or Tribe Name, 7. If unit or CA, Agreement Designation, 8. Well Name and No. (Tar Sands Federal #2-31), 9. API Well No. (43-013-31866), 10. Field and Pool, or Exploratory Area (Monument Butte Federal), 11. County or Parish, State (Duchesne, UT)

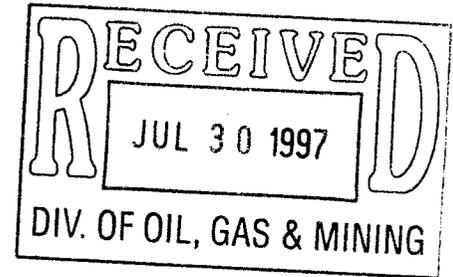
12 CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

WEEKLY STATUS REPORT FOR WEEK OF 7/19/97 - 7/24/97:

Perf CP sd 5783' - 5787', 5835' - 5840', 5842' - 5846', 5848' - 5850' Perf A sd 5347' - 5350', 5422' - 5426', 5428' - 5431', 5440' - 5445', 5450' - 5454', 5516' - 5522', 5525' - 5536'



14. I hereby certify that the foregoing is true and correct. Signed Cheryl Cameron, Title Regulatory Compliance Specialist, Date 7/25/97

(This space of Federal or State office use.)

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

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

**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)
**NW/NE 814' FNL & 2048' FEL
 Sec. 31, T8S, R17E**

5. Lease Designation and Serial No.
U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
Tar Sands Federal #2-31

9. API Well No.
43-013-31866

10. Field and Pool, or Exploratory Area
Monument Butte Federal

11. County or Parish, State
Duchesne, UT

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

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

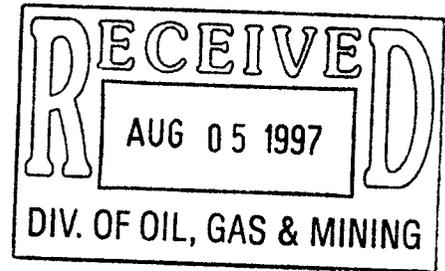
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

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

**Perf D/C sd 4890'-4892', 4939'-4944', 4950'-4952'
 5049'-5051', 5053'-5058'**

RIH w/ production string. On production @ 3:30 pm, 7/31/97.



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

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

(This space of Federal or State office use.)

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.
U-74869
6. IF INDIAN ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Tar Sands Federal
9. WELL NO.
#2-31
10. FIELD AND POOL, OR WILDCAT
Monument Butte
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 31, T8S, R17E
12. COUNTY OR PARISH
Duchesne
13. STATE
UT

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

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP EN PLUG BACK DEEP RESER. 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 NW/NE
At top prod. interval reported below 814' FNL & 2048' FEL
At total depth

14. PERMIT NO. 43-013-81866
DATE ISSUED 6/3/97

15. DATE SPUDDED 6/11/97
16. DATE T.D. REACHED 6/27/97
17. DATE COMPL. (Ready to prod.) 7/31/97
18. ELEVATIONS (DF, RKR, RT, GR, ETC.)* 5262.2' GR
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6025'
21. PLUG BACK T.D., MD & TVD 6009'
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)*
5783'-5787', 5835'-5840', 5842'-5846', 5848'-5850', 5347'-5350', 5422'-5426', 5428'-5431', 5440'-5445', 5450'-5454', 5516'-5522', 5525'-5536', 4890'-4892', 4939'-4944', 4950'-4952', 5049'-5051', 5053'-5058'
25. WAS DIRECTIONAL SURVEY MADE
No

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

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	302.54'	12 1/4	120 sx Prem + w/ 2% CC + 1/4#/sk flocele	
5 1/2	15#	6046.34'	7 7/8	350 sx Hibond 65 Mod & 270 10% CalSeal	sx Thixo w/

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)
CP 5783'-5787', 5835'-5840', 5842'-5846', 5848'-5850'
A 5347'-5350', 5422'-5426', 5428'-5431', 5440'-5445', 5450'-5454', 5516'-5522', 5525'-5536'
D/C 4890'-4892', 4939'-4944', 4950'-4952', 5049'-5051', 5053'-5058'

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

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

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
7/31/97	Pumping - 2 1/2" X 1 1/2" X 15' RHAC pump	producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7 Day Avg	8/97	N/A		130	164	6	1.3
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

35. LIST OF ATTACHMENTS
Logs in Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Cheryl Cameron
TITLE Regulatory Compliance Specialist
DATE 8/27/97

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

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

GEOLOGIC MARKERS

38.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	4193'					
Point 3 Mkr	4462'					
X Mkr	4694'					
Y Mkr	4731'					
Douglas Ck Mkr	4857'					
Bicarbonate Mkr	5095'					
B Limestone Mkr	5215'					
Castle Peak	5725'					
Basal Carbonate	NDE					
			#32. Perf CP sd 5783'-5787', 5835'-5840', 5842'-5846', 5848'-5850' Frac w/ 96,200# 20/40 sd in 506 bbls boragel			
			Perf A sd 5347'-5350', 5422'-5426', 5428'-5431', 5440'-5445', 5450'-5454', 5516'-5522', 5525'-5536' Frac w/ 154,300# 20/40 sd in 708 bbls boragel			
			Perf D/C sd 4890'-4892', 4939'-4944', 4950'-4952', 5049'-5051', 5053'-5058' Frac w/ 151,800# 20/40 sd in 692 bbls boragel			

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. N 5160

ADDRESS _____

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

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

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

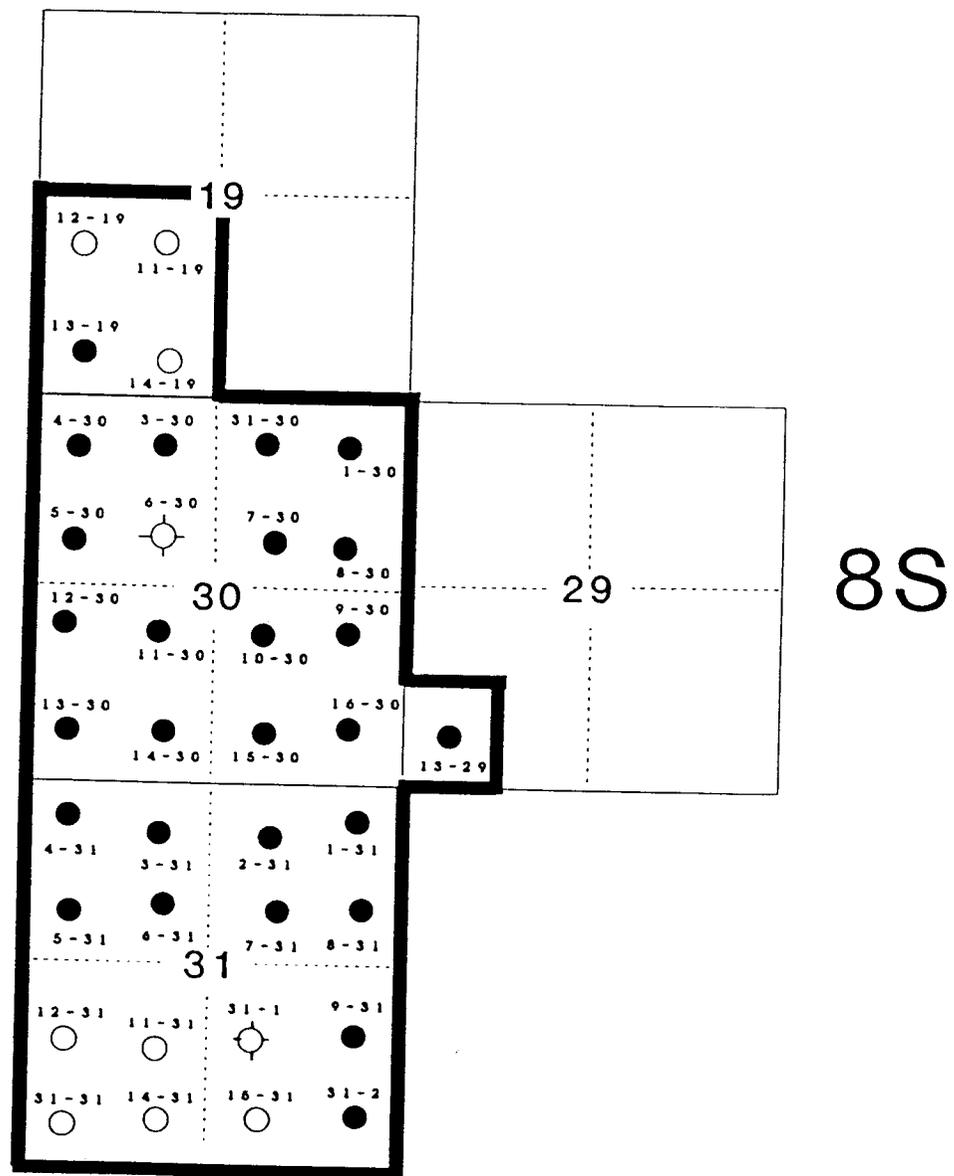
(3/89)

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

SAND WASH (GREEN RIVER) UNIT

Duchesne County, Utah

EFFECTIVE: DECEMBER 1, 1997



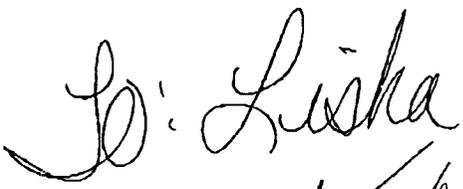
— UNIT OUTLINE (UTU76788X)
1,444.06 ACRES

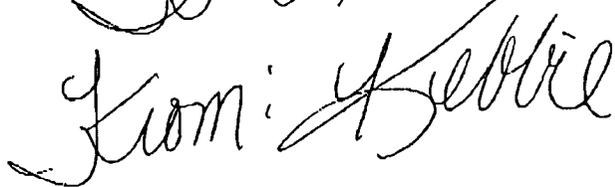
SECONDARY ALLOCATION	
FEDERAL FEE	96.94%
	3.06%

INLAND PRODUCTION COMPANY SANDWASH UNIT

AS OF 3/10/98

SANDWASH UNIT	WELL NAME & # W/ RANGE & TOWNSHIP	API NUMBER	
	TAR SANDS #13-29-8-17	43-013-31925	12218
	TAR SANDS #1-30-8-17	43-013-31898	12251
Wildrose Resources	HARBOUR TOWN #31-30-8-17 (2-30)	43-013-31758	12097
	TAR SANDS #3-30-8-17	43-013-31755	12045
	TAR SANDS #4-30-8-17	43-013-31621	11916
	TAR SANDS #5-30-8-17	43-013-31620	11958
	TAR SANDS #7-30-8-17	43-013-31807	12131
	TAR SANDS #8-30-8-17	43-013-31870	12141
	TAR SANDS #9-30-8-17	43-013-31873	12177
	TAR SANDS #10-30-8-17	43-013-31808	12126
	TAR SANDS #11-30-8-17	43-013-31732	12041
	TAR SANDS #12-30-8-17	43-013-31543	11945
	TAR SANDS #13-30-8-17	43-013-31637	11940
	TAR SANDS #15-30-8-17	43-013-31874	12164
	TAR SANDS #16-30-8-17	43-013-31708	12070
	TAR SANDS #1-31-8-17	43-013-31654	12012
	TAR SANDS #2-31-8-17	43-013-31866	12142
	TAR SANDS #3-31-8-17	43-013-31733	12162
	TAR SANDS #4-31-8-17	43-013-31606	11953
	TAR SANDS #5-31-8-17	43-013-31607	12140
	TAR SANDS #6-31-8-17	43-013-31686	12163
	TAR SANDS #7-31-8-17	43-013-31684	12149
	TAR SANDS #8-31-8-17	43-013-31615	11913
	TAR SANDS #9-31-8-17	43-013-31616	12220
Wildrose Resources	GOVT #31-2-8-17 (16-31)	43-013-20082	06300







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

Michael O. Leavitt
 Governor

Ted Stewart
 Executive Director

James W. Carter
 Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

FACSIMILE COVER SHEET

DATE: 01-09-98

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 4

TO: KEBBIE JONES
 INLAND PRODUCTION COMPANY

FAX NUMBER: (801) 722-9149

FROM: LISHA CORDOVA
 DIVISION OF OIL GAS AND MINING

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

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

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

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

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

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-74869

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
SAND WASH (GR RVR)

8. Well Name and No.
TAR SANDS FEDERAL 2-31

9. API Well No.
43-013-31866

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

3. Address and Telephone No.
475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0814 FNL 2048 FEL NW/NE Section 31, T08S R17E

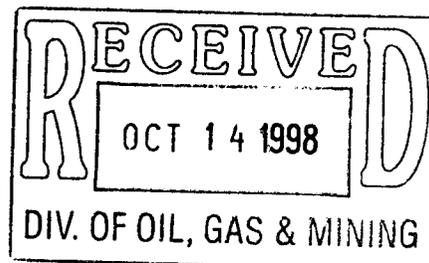
12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

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

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

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

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



14. I hereby certify that the foregoing is true and correct
 Signed Lubbie E. Knight Title Manager, Regulatory Compliance Date 10/8/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

Inland Production Company Site Facility Diagram

Tar Sands 2-31

NW/NE Sec. 31, T8S, 17E

Duchesne County

Sept. 17, 1998

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

Production Phase:

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

Sales Phase:

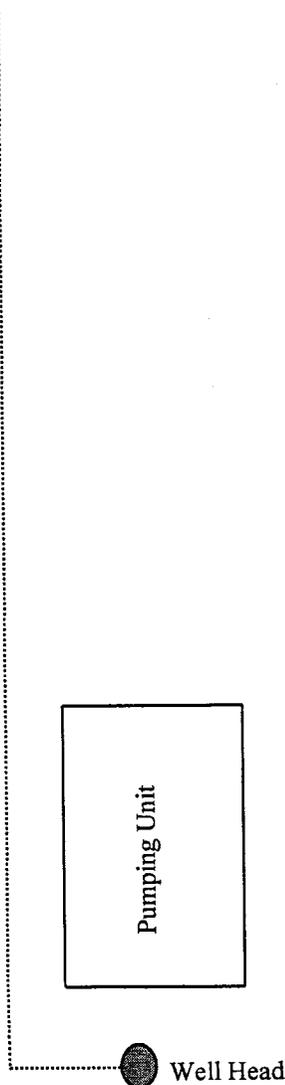
- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

Draining Phase:

- 1) Valve 3 open

Legend

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



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

Come visit us on the internet at <http://www.sos.state.tx.us/>

PHONE(512) 463-5555
Prepared by: SOS-WEB

FAX(512) 463-5709

TTY7-1-1

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



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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

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

OPERATOR CHANGE WORKSHEET

ROUTING	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 9/1/2004	
FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
CA No.	Unit: SAND WASH (GREEN RIVER)

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

OPERATOR CHANGES DOCUMENTATION

- Enter date after each listed item is completed
- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/2004
 - (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
 - The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
 - Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
 - If **NO**, the operator was contacted 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	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: TAR SANDS FED 2-31
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013318660000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0814 FNL 2048 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 31 Township: 08.0S Range: 17.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/15/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" 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.

Newfield Production Company request the approval of future OAP in the LODC upon next maintenance of subject well. This work is estimated for the summer of 2011 and attached is the detailed procedure. Please call Paul Weddle at 303-383-4117 with any questions.

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

Date: September 09, 2010
By: *Paul Weddle*

NAME (PLEASE PRINT) Sam Styles	PHONE NUMBER 303 893-0102	TITLE Engineering Tech
SIGNATURE N/A		DATE 9/7/2010

Procedure for: OAP LODC upon HIT or PUMP CHANGE. Tubing frac

Well Status: See attached Wellbore Diagram

AFE #

Engineer: Paul Weddle pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117

PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
- 2 RU wireline unit. Make 4-3/4" gauge ring run to +/- **5,960**
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:

LODC	5528-5531	3spf	120deg phasing
LODC	5518-5521	3spf	120deg phasing
- 3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)
Set RBP @ +/- **5,590** and test to 4,000psi. PUH with packer to +/- **5,480**
- 4 RU frac equip. Frac the **LODC** down tubing w/**20,000#** 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
- 5 Flowback well immediately @ 3-4 BPM until dead.
- 9 Release Packer and RBP. POOH laying down workstring, packer, and RBP.
- 9 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
- 10 Place SN @ ± 5850 and set TAC at ±5781' with 15,000 lbs overpull. ND BOP's. NU wellhead.
- 11 PU and RIH with a 1-3/4" x 16' RHAC pump, 6 x 1-1/2" weight rods, 40 x 3/4" guided rods, 93 x 3/4" slick rods, 95 x 3/4" guided rods, Space out with pony rods as necessary.
- 12 PWOP and track results for one month.

Tar Sands Federal #2-31-8-17

Spud Date: 6/23/97

Put on Production: 7/31/97

GL: 5262' KB: 5275'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (302.54')

DEPTH LANDED: 300.05' GL

HOLE SIZE: 12-1/4"

CEMENT DATA: 155 sxs Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 145 jts. (6046.34')

DEPTH LANDED: 6024.81' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 350 sxs Hibond mixed & 270 sxs thixotropic

CEMENT TOP AT: 3710' per CBL

TUBING

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

NO. OF JOINTS: 184 jts (5769.42')

TUBING ANCHOR: 5781.24' KB

NO. OF JOINTS: 2 jts (65.03')

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

SN LANDED AT: 5849.07' KB

NO. OF JOINTS: 2 jts (62.48')

TOTAL STRING LENGTH: EOT @ 5913.1' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

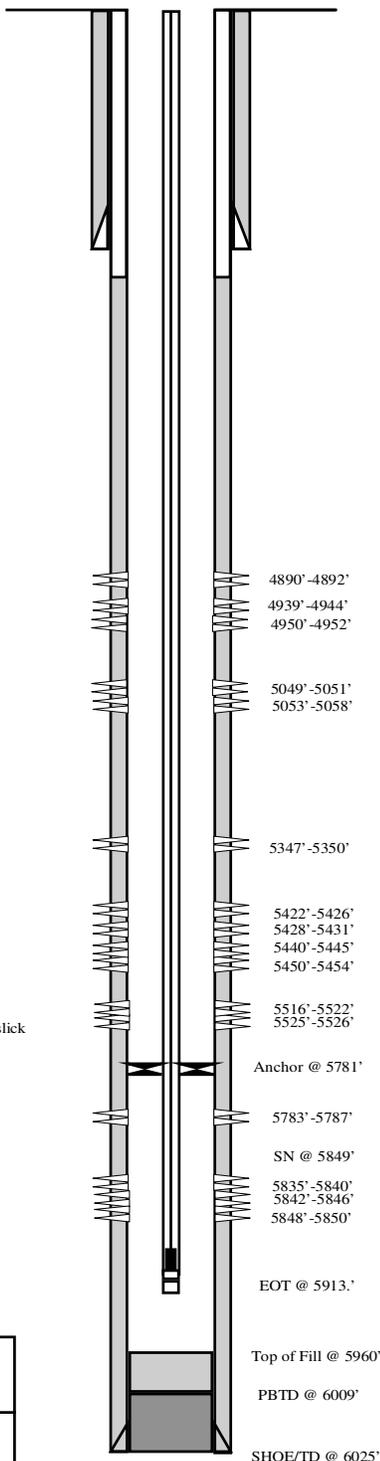
SUCKER RODS: 1-2", 1-8" x 3/4" ponies, 95-3/4' guided rods, 93-3/4' slick rods(60 btm new), 40-3/4' guided rods, 6-1 1/2 wt bars

PUMP SIZE: 1-1/2" x 2- 1/2" x 15' RHAC rod pump

STROKE LENGTH: 86" SL

PUMP SPEED, SPM: 4 1/2 SPM

Wellbore Diagram



Initial Production: 130 BOPD,
164 MCFPD, 6 BWPD

FRAC JOB

7/22/97 5783'-5850'

Frac CP sand as follows:

96,200# of 20/40 sand in 506 bbls of Boragel. Breakdown @ 2121psi. Treated @ avg rate of 26.3 bpm w/avg press of 1760 psi. ISIP-1972 psi, 5-min 1878 psi. Flowback on 12/64" ck for 4 hours and died.

7/25/97 5347'-5536'

Frac A sands as follows:

154,300# of 20/40 sand in 708 bbls of Boragel. Breakdown @ 2112 psi. Treated @ avg rate of 40.5 bpm w/avg press of 2000 psi. ISIP-2115 psi, 5-min 1892 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.

7/27/97 4890'-5058'

Frac D/C sands as follows:

151,800# of 20/40 sand in 692 bbls of Boragel. Breakdown @ 2116 psi. Treated @ avg rate of 33.3 bpm w/avg press of 2350 psi. ISIP-2654 psi, 5-min 2559 psi. Flowback on 12/64" ck for 4 hours and died.

4/30/02

Rod job. Update rod and tubing details.

03/06/03

Tubing Leak; Update rod and tubing detail.

2/13/04

Pump Change. Update rod and tubing detail.

9/23/04

Pump Change. Update rod and tubing detail.

07/12/05

Pump change. Update rod and tubing detail.

08/25/05

Parted rods.

11/09/05

Pump change. Update Rod and Tubing details.

PERFORATION RECORD

Date	Depth Range	Number of Holes	Notes
7/21/97	5783'-5787'	4	JSPF 16 holes
7/21/97	5835'-5840'	4	JSPF 20 holes
7/21/97	5842'-5846'	4	JSPF 16 holes
7/21/97	5848'-5850'	4	JSPF 8 holes
7/23/97	5347'-5350'	4	JSPF 12 holes
7/23/97	5422'-5426'	4	JSPF 16 holes
7/23/97	5428'-5431'	4	JSPF 16 holes
7/23/97	5440'-5445'	4	JSPF 20 holes
7/23/97	5450'-5454'	4	JSPF 16 holes
7/23/97	5516'-5522'	4	JSPF 24 holes
7/23/97	5525'-5536'	4	JSPF 44 holes
7/25/97	4890'-4892'	4	JSPF 8 holes
7/25/97	4939'-4944'	4	JSPF 20 holes
7/25/97	4950'-4952'	4	JSPF 8 holes
7/25/97	5049'-5051'	4	JSPF 8 holes
7/25/97	5053'-5058'	4	JSPF 20 holes

NEWFIELD



Tar Sands Federal #2-31-8-17

2048 FEL & 814 FNL

NW/NE Section 31-T8S-R17E

Duchesne Co, Utah

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

CB 01/31/06

RECEIVED September 07, 2010

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: TAR SANDS FED 2-31
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013318660000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0814 FNL 2048 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 31 Township: 08.0S Range: 17.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/8/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input checked="" 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.

Newfield Production Company requests the approval to open additional pay in the LODC Sands in subject well in a single stage. The target OAP intervals in the LODC sand are [5528-5531] & [5518-5521]. Please contact Paul Weddle at 303-383-4117 with any questions.

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

Date: 02/10/2011

By: *Dark K. Quist*

NAME (PLEASE PRINT) Sam Styles	PHONE NUMBER 303 893-0102	TITLE Engineering Tech
SIGNATURE N/A		DATE 2/7/2011

Procedure for: OAP LODC upon HIT or PUMP CHANGE. Tubing frac

Well Status: See attached Wellbore Diagram

AFE # [redacted] Q1 2011.

Engineer: Paul Weddle pweddle@newfield.com
mobile 720-233-1280
office 303-383-4117

PROCEDURE

- 1 Blow down tbg. MIRU SU. Seat pump and pressure test tubing to 3,000 psi. POH, LD, and visually inspect rods and pump. ND wellhead. Strip-on and NU BOP. GIH and tag fill. Clean out to PBTD as necessary. TOOH visually inspecting 2-7/8" production tbg. Report any scale on production string (interval, depth, type) on morning report and verbally to Engineer
2 RU wireline unit. Make 4-3/4" gauge ring run to +/- 5,960
Only Run B&S if required. RIH and perforate the following interval w/ 3SPF 120deg phasing:
LODC 5528-5531 3spf 120deg phasing
LODC 5518-5521 3spf 120deg phasing
3 PU tandem RBP/PKR and TIH on 2-7/8" N80 8RD EUE workstring. Breakdown all new perforations with 5-10 bbls fresh water while TIH (skip to next step if only 1 treatment zone)
Set RBP @ +/- 5,590 and test to 4,000psi. PUH with packer to +/- 5,480
4 RU frac equip. Frac the LODC down tubing w/20,000# 20/40sand at 15 BPM with max sand concentration of 6ppg per BJ recommendation.
5 Flowback well immediately @ 3-4 BPM until dead.
9 Release Packer and RBP. POOH laying down workstring, packer, and RBP.
9 Run tubing as pulled. RU swab equipment and swab well until returns are clean of sand. GIH tag fill and clean out as necessary.
10 Place SN @ +/- 5850 and set TAC at +/- 5781' with 15,000 lbs overpull. ND BOP's. NU wellhead.
11 PU and RIH with a 1-3/4" x 16' RHAC pump, 6 x 1-1/2" weight rods, 40 x 3/4" guided rods, 93 x 3/4" slick rods, 95 x 3/4" guided rods, Space out with pony rods as necessary.
12 PWOP and track results for one month.

Tar Sands Federal #2-31-8-17

Spud Date: 6/23/97

Put on Production: 7/31/97

GL: 5262' KB: 5275'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (302.54')

DEPTH LANDED: 300.05' GL

HOLE SIZE: 12-1/4"

CEMENT DATA: 155 sxs Premium cmt, est 8 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 145 jts. (6046.34')

DEPTH LANDED: 6024.81' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 350 sxs Hibond mixed & 270 sxs thixotropic

CEMENT TOP AT: 3710' per CBL

TUBING

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

NO. OF JOINTS: 184 jts (5769.42')

TUBING ANCHOR: 5781.24' KB

NO. OF JOINTS: 2 jts (65.03')

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

SN LANDED AT: 5849.07' KB

NO. OF JOINTS: 2 jts (62.48')

TOTAL STRING LENGTH: EOT @ 5913.1' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

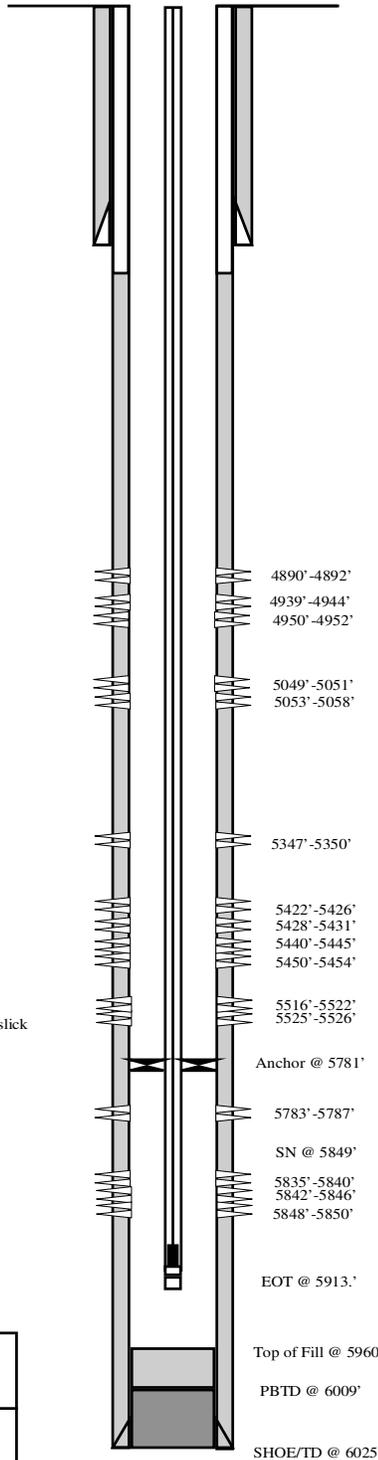
SUCKER RODS: 1-2', 1-8' x 3/4' ponies, 95-3/4' guided rods, 93-3/4' slick rods(60 btm new), 40-3/4' guided rods, 6-1 1/2 wt bars

PUMP SIZE: 1-1/2" x 2- 1/2" x 15' RHAC rod pump

STROKE LENGTH: 86" SL

PUMP SPEED, SPM: 4 1/2 SPM

Wellbore Diagram



FRAC JOB

7/22/97 5783'-5850'

Frac CP sand as follows:

96,200# of 20/40 sand in 506 bbls of Boragel. Breakdown @ 2121psi. Treated @ avg rate of 26.3 bpm w/avg press of 1760 psi. ISIP-1972 psi, 5-min 1878 psi. Flowback on 12/64" ck for 4 hours and died.

7/25/97 5347'-5536'

Frac A sands as follows:

154,300# of 20/40 sand in 708 bbls of Boragel. Breakdown @ 2112 psi. Treated @ avg rate of 40.5 bpm w/avg press of 2000 psi. ISIP-2115 psi, 5-min 1892 psi. Flowback on 12/64" ck for 4 - 1/2 hours and died.

7/27/97 4890'-5058'

Frac D/C sands as follows:

151,800# of 20/40 sand in 692 bbls of Boragel. Breakdown @ 2116 psi. Treated @ avg rate of 33.3 bpm w/avg press of 2350 psi. ISIP-2654 psi, 5-min 2559 psi. Flowback on 12/64" ck for 4 hours and died.

4/30/02

Rod job. Update rod and tubing details.

03/06/03

Tubing Leak; Update rod and tubing detail.

2/13/04

Pump Change. Update rod and tubing detail.

9/23/04

Pump Change. Update rod and tubing detail.

07/12/05

Pump change. Update rod and tubing detail.

08/25/05

Parted rods.

11/09/05

Pump change. Update Rod and Tubing details.

PERFORATION RECORD

Date	Interval	Number of Holes	Notes
7/21/97	5783'-5787'	4	JSPF 16 holes
7/21/97	5835'-5840'	4	JSPF 20 holes
7/21/97	5842'-5846'	4	JSPF 16 holes
7/21/97	5848'-5850'	4	JSPF 8 holes
7/23/97	5347'-5350'	4	JSPF 12 holes
7/23/97	5422'-5426'	4	JSPF 16 holes
7/23/97	5428'-5431'	4	JSPF 16 holes
7/23/97	5440'-5445'	4	JSPF 20 holes
7/23/97	5450'-5454'	4	JSPF 16 holes
7/23/97	5516'-5522'	4	JSPF 24 holes
7/23/97	5525'-5526'	4	JSPF 44 holes
7/25/97	4890'-4892'	4	JSPF 8 holes
7/25/97	4939'-4944'	4	JSPF 20 holes
7/25/97	4950'-4952'	4	JSPF 8 holes
7/25/97	5049'-5051'	4	JSPF 8 holes
7/25/97	5053'-5058'	4	JSPF 20 holes

NEWFIELD



Tar Sands Federal #2-31-8-17

2048 FEL & 814 FNL

NW/NE Section 31-T8S-R17E

Duchesne Co, Utah

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

CB 01/31/06

RECEIVED February 07, 2011



February 15, 2011

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 Federal 2-31-8-17
Sec. 31, T8S, R17E
API # 43-013-31866

Dear Mr. Hill:

The subject well had new perforations added. The well was then put back on production. Please find enclosed the sundry and daily activity report. You may contact me at 435-646-4874 or lchavez-naupoto@newfield.com if you require further information.

Sincerely,

Lucy Chavez-Naupoto
Administrative Assistant

RECEIVED

FEB 22 2011

DIV. OF OIL, GAS & MINING

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
TAR SANDS FED 2-31

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301331866

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

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 814 FNL 2048 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 31, T8S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/09/2011	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

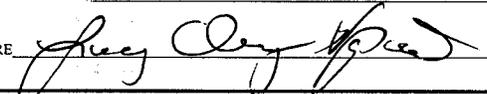
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted on 02/09/2011 and then placed back on production. The following perforations were added in the Green River Formation:

LODC 5528-5531' 3 JSPF 9 holes
LODC 5518-5521' 3 JSPF 9 holes

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 02/15/2011

(This space for State use only)

RECEIVED
FEB 22 2011
DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****TAR SANDS 2-31-8-17****12/1/2010 To 4/28/2011****2/3/2011 Day: 2****Recompletion**

WWS #5 on 2/3/2011 - TOO H w/ production. Perferate LODC sds. TIH w/ frac string. - Thaw well out. Flush rods w/ 40 bbls water. TOO H w/ rods. RU BOP's. Release TA. TOO H w/ tbg. RU Perforators LLC WLT. RIH w/ 3-1/8" Port Guns & Gauge Ring to 5830' (tagged). Perferate LODC w/ 3 spf for total of 18 shots. RD WLT. RU Weatherford 5-1/2" "TS" RBP, Retrieving Head, 2-3/8" x 4' pup joint, "HD" pkr, SN. Tally, drift & pick-up TIH w/ N-80 frac string. 139 jts tbg. 4428' EOT. SIFN. - Thaw well out. Flush rods w/ 40 bbls water. TOO H w/ rods. RU BOP's. Release TA. TOO H w/ tbg. RU Perforators LLC WLT. RIH w/ 3-1/8" Port Guns & Gauge Ring to 5830' (tagged). Perferate LODC w/ 3 spf for total of 18 shots. RD WLT. RU Weatherford 5-1/2" "TS" RBP, Retrieving Head, 2-3/8" x 4' pup joint, "HD" pkr, SN. Tally, drift & pick-up TIH w/ N-80 frac string. 139 jts tbg. 4428' EOT. SIFN. - MIRUSU. Pump 60 bbls water down casing. TOO H w/ rods & found 46- 3/4" guided parted above top guide on rod. TIH w/ fish tool. Unseat pump. Flush rods w/ 40 bbls water. Soft seat pump & test tbg to 3000 psi. Fish rods & TOO H w/ rods. LD over shot. Continue TOO H w/ 49 more 3/4" guided (not real good looking rod the guides are loose on rods). SIFN. - Thaw well out. Flush rods w/ 40 bbls water. TOO H w/ rods. RU BOP's. Release TA. TOO H w/ tbg. RU Perforators LLC WLT. RIH w/ 3-1/8" Port Guns & Gauge Ring to 5830' (tagged). Perferate LODC w/ 3 spf for total of 18 shots. RD WLT. RU Weatherford 5-1/2" "TS" RBP, Retrieving Head, 2-3/8" x 4' pup joint, "HD" pkr, SN. Tally, drift & pick-up TIH w/ N-80 frac string. 139 jts tbg. 4428' EOT. SIFN. - Thaw well out. Flush rods w/ 40 bbls water. TOO H w/ rods. RU BOP's. Release TA. TOO H w/ tbg. RU Perforators LLC WLT. RIH w/ 3-1/8" Port Guns & Gauge Ring to 5830' (tagged). Perferate LODC w/ 3 spf for total of 18 shots. RD WLT. RU Weatherford 5-1/2" "TS" RBP, Retrieving Head, 2-3/8" x 4' pup joint, "HD" pkr, SN. Tally, drift & pick-up TIH w/ N-80 frac string. 139 jts tbg. 4428' EOT. SIFN. - MIRUSU. Pump 60 bbls water down casing. TOO H w/ rods & found 46- 3/4" guided parted above top guide on rod. TIH w/ fish tool. Unseat pump. Flush rods w/ 40 bbls water. Soft seat pump & test tbg to 3000 psi. Fish rods & TOO H w/ rods. LD over shot. Continue TOO H w/ 49 more 3/4" guided (not real good looking rod the guides are loose on rods). SIFN. - MIRUSU. Pump 60 bbls water down casing. TOO H w/ rods & found 46- 3/4" guided parted above top guide on rod. TIH w/ fish tool. Unseat pump. Flush rods w/ 40 bbls water. Soft seat pump & test tbg to 3000 psi. Fish rods & TOO H w/ rods. LD over shot. Continue TOO H w/ 49 more 3/4" guided (not real good looking rod the guides are loose on rods). SIFN. - MIRUSU. Pump 60 bbls water down casing. TOO H w/ rods & found 46- 3/4" guided parted above top guide on rod. TIH w/ fish tool. Unseat pump. Flush rods w/ 40 bbls water. Soft seat pump & test tbg to 3000 psi. Fish rods & TOO H w/ rods. LD over shot. Continue TOO H w/ 49 more 3/4" guided (not real good looking rod the guides are loose on rods). SIFN.

Daily Cost: \$0**Cumulative Cost:** \$16,585**2/8/2011 Day: 5****Recompletion**

WWS #5 on 2/8/2011 - LD N-80. TIH w/ production. Run Gyro. - Thaw well out. Continue PU N-80 frac string. Set RBP @ 5585'. Set pkr @ 5493'. Took 17 bbls to fill tbg. Break down LODC sds @ 900 psi @ 2 bpm. Took 70 bbls to fill casing. SIFN. - Thaw well out. Continue PU N-80 frac string. Set RBP @ 5585'. Set pkr @ 5493'. Took 17 bbls to fill tbg. Break down LODC sds @ 900 psi @ 2 bpm. Took 70 bbls to fill casing. SIFN. - Thaw well out. Continue PU N-80 frac string. Set RBP @ 5585'. Set pkr @ 5493'. Took 17 bbls to fill tbg. Break down LODC sds @ 900 psi @ 2 bpm. Took 70 bbls to fill casing. SIFN. - RU BJ Services. Fill casing

w/ 80 bbls (had to leave pump running during frac to keep well full). Took 22 bbls to fill tbq. Frac well w/ 17,800#'s of 20/40 sand in 230 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3949 w/ ave rate of 13 bpm w/ 6 ppg of sand. ISIP was 2649 w/ .91FG. RD BJ. Flow well back. Well flowed for 40 min & died w/ 60 bbls rec'd w/ 1500#'s of sand. Release pkr. Circulate tbq clean. RU swab equipment. Made 8 runs to rec'd 45 bbls. IFL was 300'. FFL was 4200'. Trace of oil w/ no sand on last run. RD swab. TIH w/ tbq to tag 30' of sand. C/O sand to RBP. Release RBP. TOOH w/ frac string. 30 jts out SIFN. - RU BJ Services. Fill casing w/ 80 bbls (had to leave pump running during frac to keep well full). Took 22 bbls to fill tbq. Frac well w/ 17,800#'s of 20/40 sand in 230 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3949 w/ ave rate of 13 bpm w/ 6 ppg of sand. ISIP was 2649 w/ .91FG. RD BJ. Flow well back. 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TOOH w/ tbq LD on trailer. Hot oiler pump 20 bbls down casing while LD tbq. TIH w/ NC, 2 jts tbq, SN, 2 jts tbq, TA new Cntrl Hydrlic w/ 45,000# shear, 184 jts tbq. RU & run Gyro. Tagged fill @ 5951'. Set TA @ 5764' w/ 18,000#'s tension. Pick-up & prime pump. TIH w/ 2-1/2" x 1-3/4" x 12' x 16' new Cntrl Hydrlic w/ 129"SL, RHAC pump, 6- 1-1-1/2" weight rods, 21- 7/8" guided rods, 69- 3/4" guided rods, 41- 3/4" slick rods, Lay down top 7/8" guided rods. SIFN. - Thaw well out. TOOH w/ tbq LD on trailer. Hot oiler pump 20 bbls down casing while LD tbq. TIH w/ NC, 2 jts tbq, SN, 2 jts tbq, TA new Cntrl Hydrlic w/ 45,000# shear, 184 jts tbq. RU & run Gyro. Tagged fill @ 5951'. Set TA @ 5764' w/ 18,000#'s tension. Pick-up & prime pump. TIH w/ 2-1/2" x 1-3/4" x 12' x 16' new Cntrl Hydrlic w/ 129"SL, RHAC pump, 6- 1-1-1/2" weight rods, 21- 7/8" guided rods, 69- 3/4" guided rods, 41- 3/4" slick rods, Lay down top 7/8" guided rods. SIFN. - Thaw well out. TOOH w/ tbq LD on trailer. 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Daily Cost: \$0

Cumulative Cost: \$58,894

2/9/2011 Day: 6

Recompletion

WWS #5 on 2/9/2011 - PU rods. Put well on pump. Final report. - Thaw well out. Continue PU rods. 100- 7/8" new guided rods on top. Space pump. Test tbg & pump to 800 psi w/ 12 bbls water. RDMOSU. POP @ 11AM w/ 86"SL @ 4 spm. Final Report. - - - Thaw well out. Continue PU rods. 100- 7/8" new guided rods on top. Space pump. Test tbg & pump to 800 psi w/ 12 bbls water. RDMOSU. POP @ 11AM w/ 86"SL @ 4 spm. Final Report. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$82,176

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

Ref: 8P-W-GW

JAN 12 2012

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

RECEIVED
JAN 19 2012
DIV. OF OIL, GAS & MINING

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

RE: Underground Injection Control (UIC)
Additional Well to Sand Wash Area Permit
EPA UIC Permit UT20847-09385
Well: Tar Sand Federal 2-31-8-17
NWNE Sec 31 T8S-R17E
Duchesne County, Utah
API No.: 43-013-31866

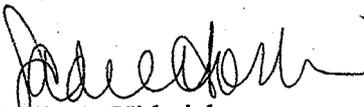
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Tar Sand Federal 2-31-8-17 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 No 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-GW.

Sincerely,




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

Enclosures: Authorization for Additional Well
Wellbore schematic for Tar Sand Federal 2-31-8-17

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

Daniel Picard
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 Unit Final UIC Area Permit UT20847-00000, effective May 26, 1998, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On November 8, 2011, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

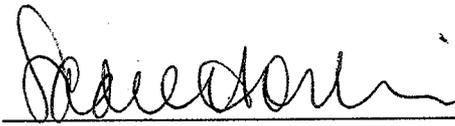
Well Name: **Tar Sand Federal 2-31-8-17**
EPA Permit ID Number: **UT20847-09385**
Location: **814' FNL & 2048' FEL
NWNE Sec. 31 T8S-R17E
Duchesne County, Utah
API #43-013-31866**

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: 1/10/12



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*
Authorization for Additional Well: UIC Area Permit UT20847-00000
Well: Tar Sand Federal 2-31-8-17 EPA Well ID: UT20847-09385

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: **Tar Sand Federal 2-31-8-17**
EPA Well ID Number: **UT20847-09385**

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.

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 **1,050 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 0.655 psi/ft, SG is 1.015 and D is 4,890 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). 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.

*Authorization for Additional Well: UIC Area Permit UT20847-00000
Well: Tar Sand Federal 2-32-8-17 EPA Well ID: UT20847-09385*

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) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR §146.8 (a)(2). Therefore, further demonstration of Part II (external) Mechanical Integrity is not required at this time.

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 Sand Federal 2-31-8-17**
EPA Well ID Number: **UT20847-09385**

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 62 ft. below ground surface in the Tar Sands Federal 2-31-8-17 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. 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

*Authorization for Additional Well: UIC Area Permit UT20847-00000
Well: Tar Sand Federal 2-32-8-17 EPA Well ID: UT20847-09385*

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. EPA has reviewed and approved the construction and determined that it is adequate to protect USDWs.

Surface Casing: 8-5/8" casing is set at 302 ft. in a 12-1/4" hole, using 155 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,913 ft. in a 7-7/8" hole secured with 620 sacks of cement. Total driller depth is 6,025 ft. Plugged back total depth is 6,009 ft. EPA calculates top of cement at 2,007 ft. Estimated CBL top of cement is 300 ft.

Perforations: Top perforation: 4,890 ft.

Bottom perforation: 5,850 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following five wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Tar Sands Federal 2-31-8-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Sand Wash Federal I-31-8-17	API: 43-013-33818	NWNE Sec. 31-T8S-R17E
Tar Sands Federal 1-31-8-17 UT20847-06277	API: 43-013-31654	NENE Sec. 31-T8S-R17E
Tar Sands Federal 7-31-8-17 UT20847-04443	API: 43-013-31684	SWNE Sec. 31-T8S-R17E
Tar Sands Federal 3-31-8-17 UT20847-04442	API: 43-013-31733	NENW Sec. 31-T8S-R17E
Tar Sands Federal 15-30-8-17 UT20874-04441	API: 43-013-31874	SWSE Sec. 30 -T8S-R17E

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 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.**

*Authorization for Additional Well: UIC Area Permit UT20847-00000
Well: Tar Sand Federal 2-32-8-17 EPA Well ID: UT20847-09385*

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 Federal #2-31-8-17

Spud Date: 6/23/97

Put on Production: 7/31/97
 GL: 5262' KB: 5275'
SURFACE CASING

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

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6046.34')
 DEPTH LANDED: 6024.81' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Hibond mixed & 270 sxs thixotropic
 CEMENT TOP AT: 3710' per CBL

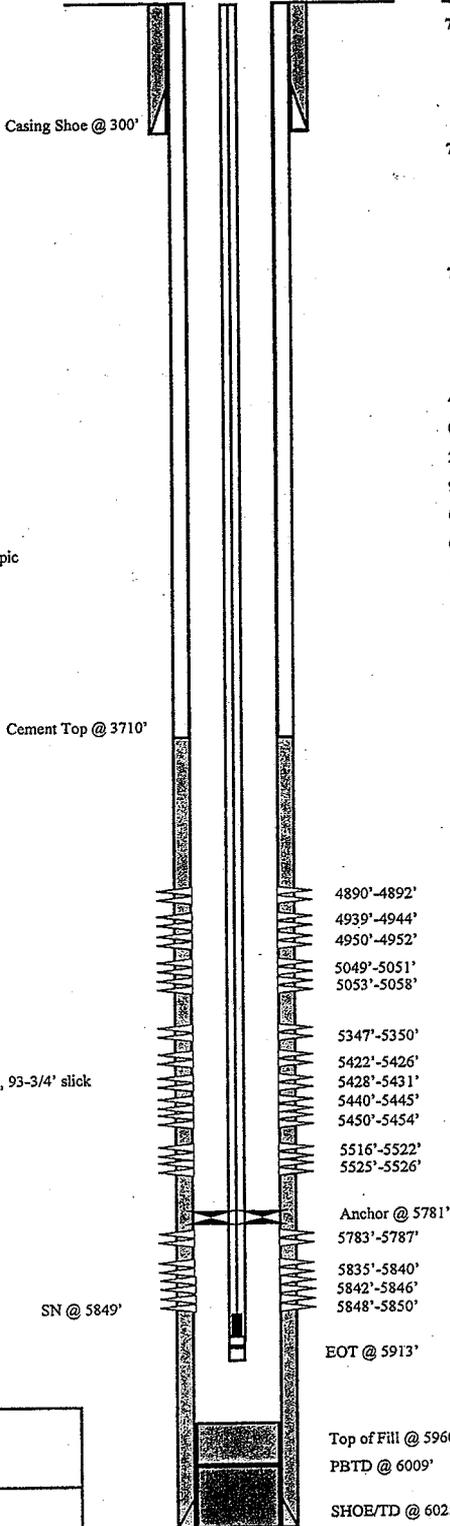
TUBING

SIZE/GRADE/WT.: 2-7/8" / M - 50 / 6.5#
 NO. OF JOINTS: 184 jts (5769.42')
 TUBING ANCHOR: 5781.24' KB
 NO. OF JOINTS: 2 jts (65.03')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5849.07' KB
 NO. OF JOINTS: 2 jts (62.48')
 TOTAL STRING LENGTH: EOT @ 5913.1' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 1-2', 1-8' x 3/4' ponies, 95-3/4' guided rods, 93-3/4' slick rods (60 btm new), 40-3/4' guided rods, 6-1 1/2 wt bars
 PUMP SIZE: 1-1/2" x 2-1/2" x 15' RHAC rod pump
 STROKE LENGTH: 86" SL
 PUMP SPEED, SPM: 4 1/2 SPM

Wellbore Diagram



FRAC JOB

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

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

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

4/30/02 Rod job. Update rod and tubing details.
 03/06/03 Tubing Leak; Update rod and tubing detail.
 2/13/04 Pump Change. Update rod and tubing detail.
 9/23/04 Pump Change. Update rod and tubing detail.
 07/12/05 Pump change. Update rod and tubing detail.
 08/25/05 Parted rods.
 11/09/05 Pump change. Update Rod and Tubing details.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
7/21/97	5783'-5787'	4 JSPF	16 holes
7/21/97	5835'-5840'	4 JSPF	20 holes
7/21/97	5842'-5846'	4 JSPF	16 holes
7/21/97	5848'-5850'	4 JSPF	8 holes
7/23/97	5347'-5350'	4 JSPF	12 holes
7/23/97	5422'-5426'	4 JSPF	16 holes
7/23/97	5428'-5431'	4 JSPF	16 holes
7/23/97	5440'-5445'	4 JSPF	20 holes
7/23/97	5450'-5454'	4 JSPF	16 holes
7/23/97	5516'-5522'	4 JSPF	24 holes
7/23/97	5525'-5536'	4 JSPF	44 holes
7/25/97	4890'-4892'	4 JSPF	8 holes
7/25/97	4939'-4944'	4 JSPF	20 holes
7/25/97	4950'-4952'	4 JSPF	8 holes
7/25/97	5049'-5051'	4 JSPF	8 holes
7/25/97	5053'-5058'	4 JSPF	20 holes

NEWFIELD

Tar Sands Federal #2-31-8-17

2048 FEL & 814 FNL
 NW/NE Section 31-T8S-R17E
 Duchesne Co, Utah
 API #43-013-31866; Lease #UTU-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 FED 2-31
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013318660000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0814 FNL 2048 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 31 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/4/2012	<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 05/29/2012. On 05/29/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/04/2012 the casing was pressured up to 1625 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20847-09385

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
June 18, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/6/2012	

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: 6 14 2012
 Test conducted by: Troy Lazenby
 Others present: _____

Well Name: <u>TAR SANDS FEDERAL 2-31-8-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>MONUMENT BUTTE</u>	API <u>43-013-31866</u> <u>UTV 87538X</u>	
Location: <u>2-31-8-17</u> Sec: <u>31</u> T <u>85</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Troy Lazenby</u>		
Last MIT: <u> / / </u> Maximum Allowable Pressure: _____		PSIG

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

Pre-test casing/tubing annulus pressure: 1625 / 340 psig

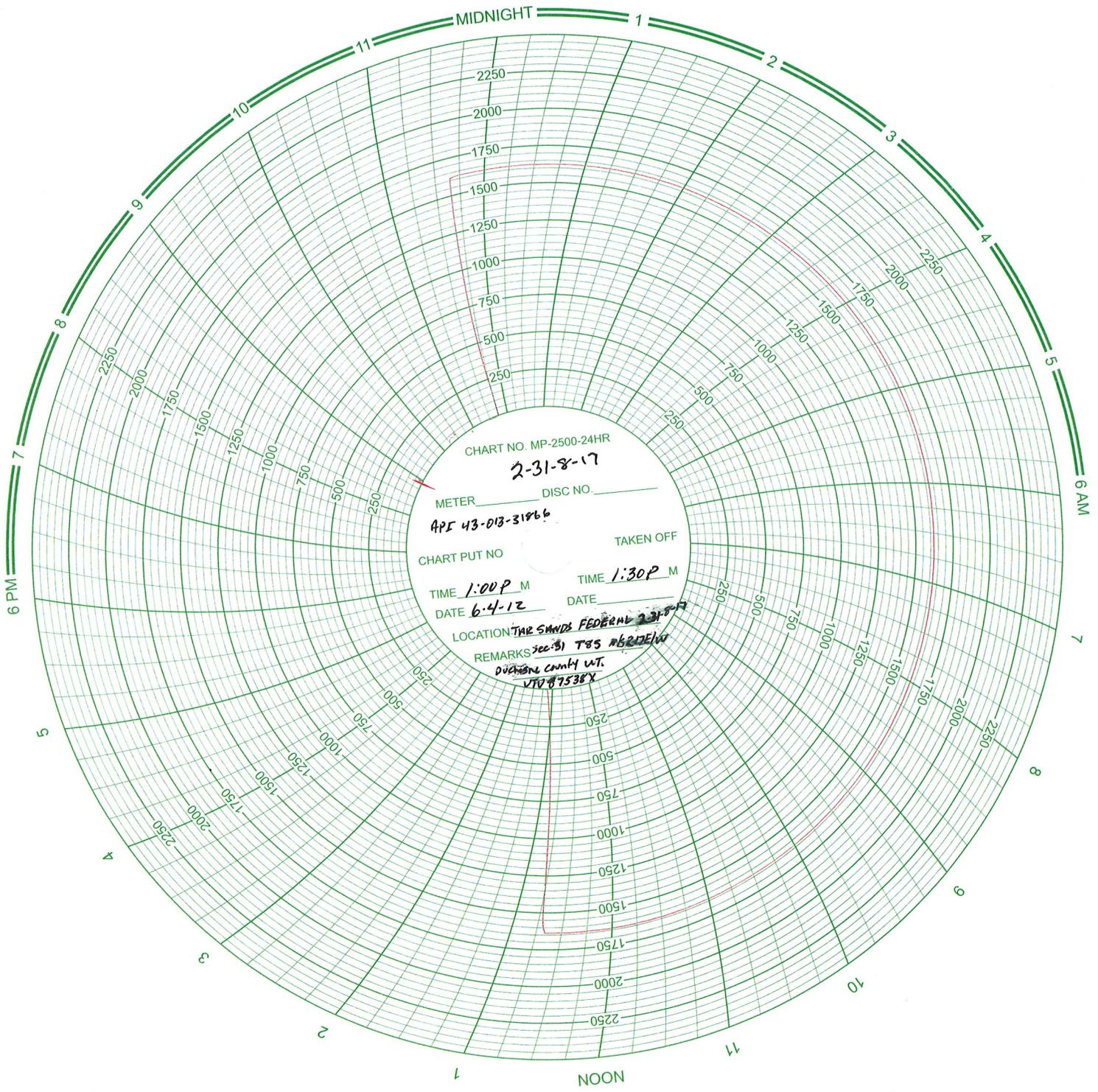
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	340 psig	psig	psig
End of test pressure	340 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	340 / 1625 psig	psig	psig
5 minutes	340 / 1625 psig	psig	psig
10 minutes	340 / 1625 psig	psig	psig
15 minutes	340 / 1625 psig	psig	psig
20 minutes	340 / 1625 psig	psig	psig
25 minutes	340 / 1625 psig	psig	psig
30 minutes	340 / 1625 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____



Daily Activity Report

Format For Sundry

TAR SANDS 2-31-8-17

3/1/2012 To 7/30/2012

5/24/2012 Day: 1

Conversion

NC #1 on 5/24/2012 - H/O Csg,U/S pmp,Flush Tbg,Seat pmp, Fill Tbg P/Tst To 3500 Psi, Good Tst.U/S pmp,POOH L/D Rod Prod & pmp.N/U BOP,POOH W/-50 Jts Tbg Breaking & Redoping Tool Jts, SWI, C/SDFN. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1. R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, U/S pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-14 BW, P/Test Tbg To 3500 Psi, Good Test. U/S pmp, POOH L/D Rod Production String & pmp On Float. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-50 Jts Tbg, Breaking & Redoping Tool Jts, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1. R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, U/S pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-14 BW, P/Test Tbg To 3500 Psi, Good Test. U/S pmp, POOH L/D Rod Production String & pmp On Float. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-50 Jts Tbg, Breaking & Redoping Tool Jts, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM MIRU NC#1. R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, U/S pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-14 BW, P/Test Tbg To 3500 Psi, Good Test. U/S pmp, POOH L/D Rod Production String & pmp On Float. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-50 Jts Tbg, Breaking & Redoping Tool Jts, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$8,351

5/25/2012 Day: 2

Conversion

NC #1 on 5/25/2012 - POOH W/-106 Jts Tbg In Derrick Breaking & Redoping Tool Jts,L/D Excess Tbg & BHA.RIH W/2 3/8 Cllr,S/N,XO,Pkr,On Off Tool,155 Jts Tbg,pmp 20 BW Pad D/Tbg,Drop SV,Fill Tbg,P/Tst Tbg To 3,000 Psi,Good Tst,N/D,pmp Pkr Fluid,Set Pkr,Fill & P/Tst Csg & Pkr. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-106- Jts Tbg In Derrick Breaking & Redoping Tool Jts, L/D 28 Jts Tbg, 5 1/2" T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C On Float. BMW H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-2 3/8 Collar, 2 3/8 S/N, 2 3/8X2 7/8 XO, 5 1/2" Arrow #1 Pkr, On Off Tool, 156 Jts Tbg, POOH L/D 1 Jt Tbg. R/U H/Oiler Flush Tbg W/-20 BW, Drop SV D/Tbg, Fill Tbg W/-18 BW, P/Test Tbg To 3,000 Psi, Gained 100 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV. R/D R/Flr, ND BOP, N/U W/-HD, pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, Set Pkr In 15,000 Tension, N/U W/-HD, Fill Csg W/-47 BW, P/Test Csg To 1,500 Psi, Pressure Never Stabilized, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-106- Jts Tbg In Derrick Breaking & Redoping Tool Jts, L/D 28 Jts Tbg, 5 1/2" T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C On Float. BMW H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-2 3/8 Collar, 2 3/8 S/N, 2 3/8X2 7/8 XO, 5 1/2" Arrow #1 Pkr, On Off Tool, 156 Jts Tbg, POOH L/D 1 Jt Tbg. R/U H/Oiler Flush Tbg W/-20 BW, Drop SV D/Tbg, Fill Tbg W/-18 BW, P/Test Tbg To 3,000 Psi, Gained 100 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV. R/D R/Flr, ND BOP, N/U W/-HD, pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, Set Pkr In 15,000 Tension, N/U W/-HD, Fill Csg W/-47 BW, P/Test Csg To 1,500 Psi, Pressure Never Stabilized, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-106- Jts Tbg In Derrick Breaking & Redoping Tool Jts, L/D 28 Jts Tbg, 5 1/2" T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C On Float. BMW H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-2 3/8 Collar, 2 3/8 S/N, 2 3/8X2 7/8 XO, 5 1/2" Arrow #1 Pkr, On Off Tool, 156 Jts Tbg, POOH L/D 1 Jt Tbg. R/U H/Oiler Flush Tbg W/-20 BW, Drop SV D/Tbg, Fill Tbg W/-18 BW, P/Test Tbg To 3,000 Psi, Gained 100 Psi In 30 Min, Good Test. R/U S/Line Ovrshot RIH & Fish SV. R/D R/Flr, ND BOP, N/U W/-HD, pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, Set Pkr In 15,000 Tension, N/U W/-HD, Fill Csg W/-47

BW, P/Test Csg To 1,500 Psi, Pressure Never Stabilized, 6:30PM C/SDFN, 6:30PM-7:00PM
C/Trvl. **Finalized**
Daily Cost: \$0
Cumulative Cost: \$16,300

5/29/2012 Day: 3

Conversion

NC #1 on 5/29/2012 - OWU Check Csg Psi, 1670 Psi, Good Test, Rack Out Eq, R/D Rig, Move Out, Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-1670 Psi On Csg, Good Test. Rack Out Eq, R/D Rig. Move Out @ 8:30AM Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-1670 Psi On Csg, Good Test. Rack Out Eq, R/D Rig. Move Out @ 8:30AM Well Ready For MIT (Final Rig Report). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-1670 Psi On Csg, Good Test. Rack Out Eq, R/D Rig. Move Out @ 8:30AM Well Ready For MIT (Final Rig Report). **Finalized**
Daily Cost: \$0
Cumulative Cost: \$27,521

6/5/2012 Day: 4

Conversion

Rigless on 6/5/2012 - Conduct initial MIT - On 05/29/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/04/2012 the casing was pressured up to 1625 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20847-09385 - On 05/29/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/04/2012 the casing was pressured up to 1625 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20847-09385 - On 05/29/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/04/2012 the casing was pressured up to 1625 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 340 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20847-09385 **Finalized**
Daily Cost: \$0
Cumulative Cost: \$104,841

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 FED 2-31	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013318660000	
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0814 FNL 2048 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 31 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE	
		STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/3/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="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 8:20 AM on 07/03/2012. EPA # UT20847-09385			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 03, 2012			
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		DATE 7/3/2012	



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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

JUN 27 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED

JUL 11 2012

DIV. OF OIL, GAS & MINING

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, Utah

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

FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Authorization to Commence Injection
EPA UIC Permit UT20847-09385
Well: Tar Sands Federal 2-31-8-17
NWNE Sec. 31-T8S-R17E
Duchesne County, Utah
API No.: 43-013-31866

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) June 5, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20847-09385.

As of the date of this letter, Newfield is authorized to commence injection into the Tar Sands Federal 2-31-8-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,050 psig. You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a step rate test that measures the fracture parting pressure and calculates the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA's UIC Technical Enforcement Program. Therefore, please direct all monitoring and compliance correspondence to Sarah Roberts at the following address, referencing the well name and UIC Permit number on all correspondence:

Ms. Sarah Roberts
U.S. EPA Region 8: 8ENF-UFO
1595 Wynkoop Street
Denver, Colorado 80202-1129

Or, you may reach Ms. Roberts by telephone at (303) 312-6211 or (800) 227-8927, extension 312-6211.

Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT20847-09385.

If you have questions regarding the above action, please call Jason Deardorff at (303) 312-6583 or (800) 227-8917, extension 312-6583.

Sincerely,



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

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

Daniel Picard
BIA - Uintah & Ouray Indian Agency

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

FOR RECORD ONLY
Oil, Gas and Mining
Ute Indian Tribe
Accepted by
A

Eric Sundberg, Regulatory Analyst
Newfield Production Company



Printed on Recycled Paper

Tar Sands Federal 2-31-8-17

Spud Date: 6/23/97
 Put on Production: 7/31/97
 GL: 5262' KB: 5275'

Initial Production: 130 BOPD.
 164 MCFPD. 6 BWPD

SURFACE CASING

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

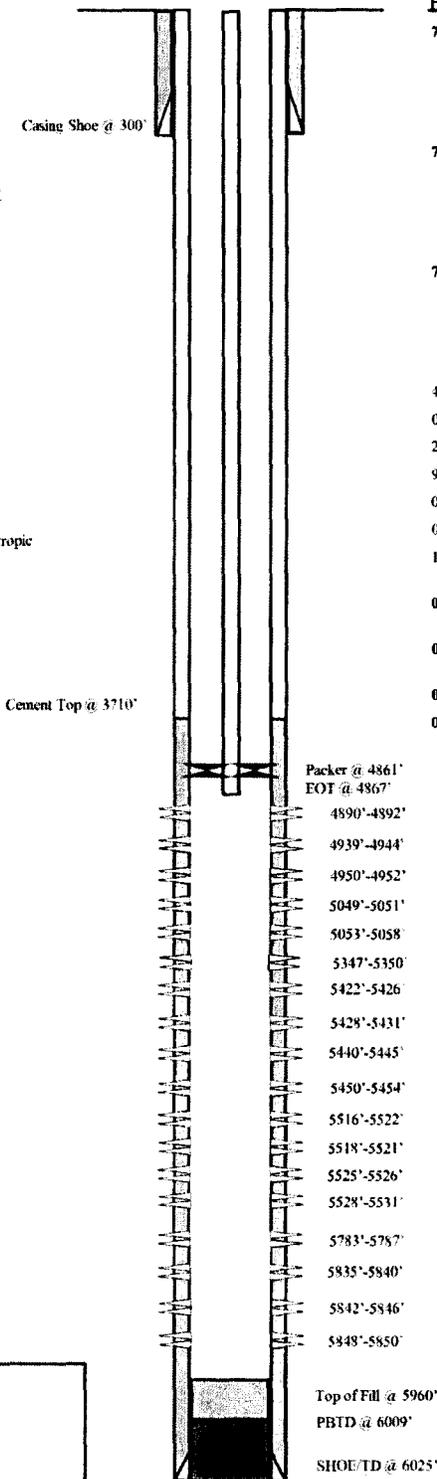
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 145 jts. (6046.34')
 DEPTH LANDED: 6024.91' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 350 sxs Hibond mixed & 270 sxs thixotropic
 CEMENT TOP AT: 3710' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" M -50/ 6.5#
 NO. OF JOINTS: 155 jts (4844.6')
 ON/OFF TOOL: J-55-4856.6' KB
 ARROW #1 PKR. CE @ 4861.35'
 XO 2-3/8 x 2-7/8: 4865.5'
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4866' KB
 COLLAR: 1 jt (0.4')
 TOTAL STRING LENGTH: EOT @ 4867' KB

Injection Wellbore Diagram



FRAC JOB

7/22/97 5783'-5850' **Frac CP sand as follows:**
 96,200# of 20/40 sand in 506 bbls of Boragel
 Breakdown @ 2121 psi. Treated @ avg rate of
 26.3 bpm w/avg press of 1760 psi. ISIP-1972
 psi, 5-min 1878 psi. Flowback on 12.64" ck
 for 4 hours and died.

7/25/97 5347'-5536' **Frac A sands as follows:**
 154,300# of 20/40 sand in 705 bbls of
 Boragel. Breakdown @ 2212 psi. Treated @
 avg rate of 40.5 bpm w/avg press of 2000 psi.
 ISIP-2115 psi, 5-min 1892 psi. Flowback on
 12.64" ck for 4 - 1/2 hours and died

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

4/30/02 **Rod job.** Update rod and tubing details.

03/06/03 **Tubing Leak.** Update rod and tubing detail.

2/13/04 **Pump Change.** Update rod and tubing detail.

9/23/04 **Pump Change.** Update rod and tubing detail.

07/12/05 **Pump change.** Update rod and tubing detail.

08/25/05 **Parted rods.**

11/09/05 **Pump change** Update Rod and Tubing
 details.

02/07/11 5518'-5531' **Frac LODC sands as follows:** 17800# of
 20/40 sand in 108 bbls of Lightning 17 fluid

02/09/11 **Recompletion Finalized** - updated rod and
 tbg detail

05/29/12 **Convert to Injection Well**

06/04/12 **Conversion MIT Finalized** - update tbg
 detail

PERFORATION RECORD

Date	Depth Range	Number of Holes	Notes
7/21/97	5783'-5787'	4	JSPF 16 holes
7/21/97	5835'-5840'	4	JSPF 20 holes
7/21/97	5842'-5846'	4	JSPF 16 holes
7/21/97	5848'-5850'	4	JSPF 8 holes
7/23/97	5347'-5350'	4	JSPF 12 holes
7/23/97	5422'-5426'	4	JSPF 16 holes
7/23/97	5428'-5431'	4	JSPF 16 holes
7/23/97	5440'-5445'	4	JSPF 20 holes
7/23/97	5450'-5454'	4	JSPF 16 holes
7/23/97	5440'-5445'	4	JSPF 20 holes
7/23/97	5450'-5454'	4	JSPF 16 holes
7/23/97	5516'-5522'	4	JSPF 24 holes
7/23/97	5518'-5521'	4	JSPF 44 holes
7/23/97	5525'-5526'	4	JSPF 8 holes
7/25/97	4890'-4892'	4	JSPF 20 holes
7/25/97	4939'-4944'	4	JSPF 8 holes
7/25/97	4950'-4952'	4	JSPF 8 holes
7/25/97	5049'-5051'	4	JSPF 20 holes
7/25/97	5053'-5058'	4	JSPF 8 holes
7/25/97	5842'-5846'	3	JSPF 20 holes
02/07/11	5528'-5531'	3	JSPF 9 holes
02/07/11	5518'-5521'	3	JSPF 9 holes



Tar Sands Federal 2-31-8-17

2048 FFL & 814 FNL

NW/NE Section 31-T8S-R17E

Duchesne Co. Utah

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