FORM 3160-3
(December 1990)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires December 31, 1991

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.: U-76241

6. IF INDIAN, ALOTTEE OR TRIBE NAME:

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

7. UNIT AGREEMENT NAME:

1b. TYPE OF WELL

OIL WELL [X] GAS WELL [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONE [ ]

8. FARM OR LEASE NAME: Tar Sands Federal

2. NAME OF OPERATOR: Inland Production Company

9. WELL NO.: #2-33

3. ADDRESS OF OPERATOR: P.O. Box 790233 Vernal, UT 84079 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: 545' FNL & 1991' FEL

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 10.8 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)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
545'	2879.94	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
1398'	6500'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5110.1' 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% $CaCl_2$,1/4# Flocele/sk
Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H_2O Req: 6.4 Gal/sk

LONG STRING - Lead: Hibond 65 Modified
Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H_2O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H_2O Req: 7.88 Gal/sk

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

24.
SIGNED Brad Mecham TITLE District Manager DATE 3/18/97
Brad Mecham

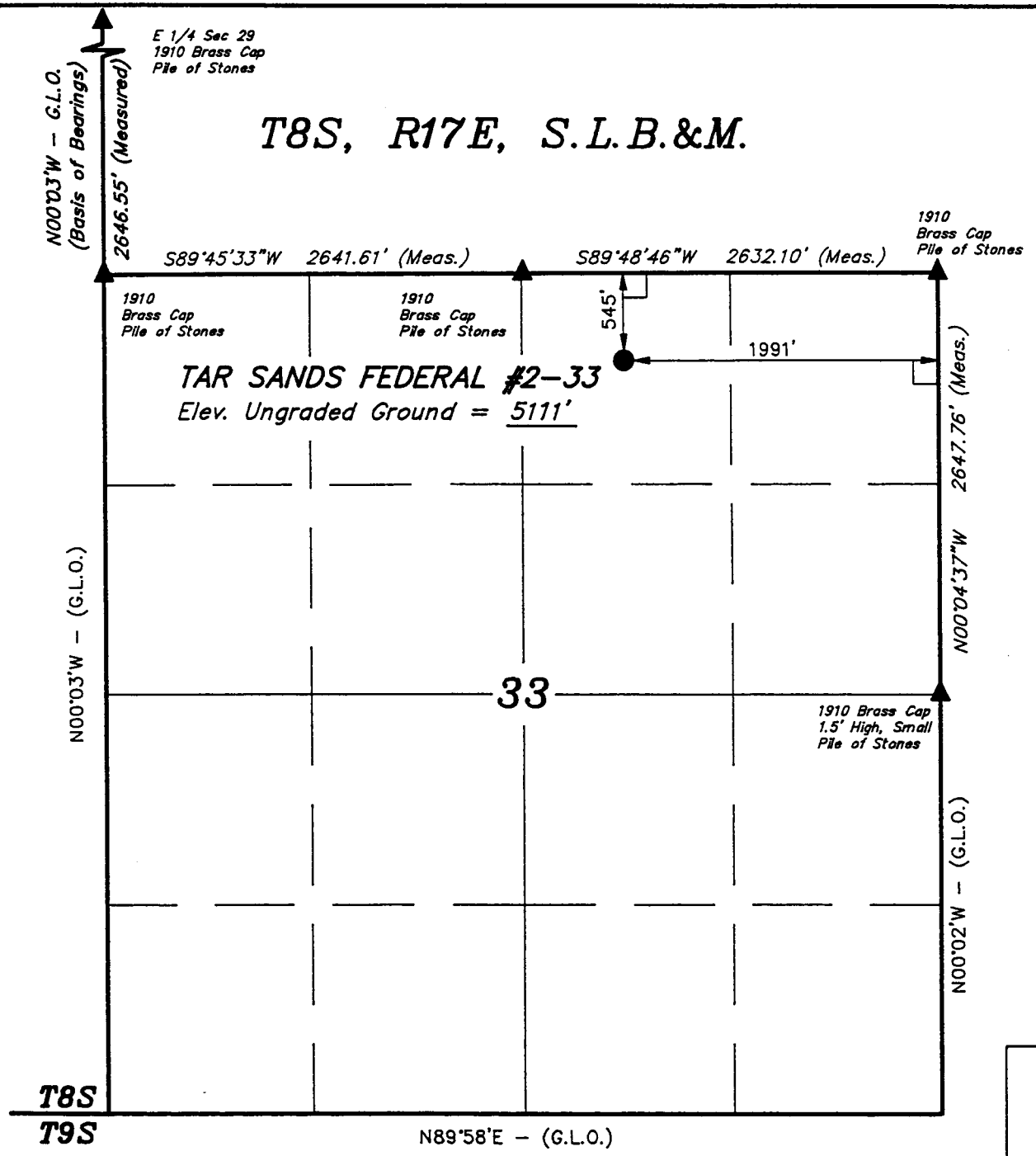
(This space for Federal or State office use)
PERMIT NO. 43-013-31867 APPROVAL DATE

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:

John R. Baza Petroleum Engineer 6/4/97

***See Instructions On Reverse Side**

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



LEGEND:

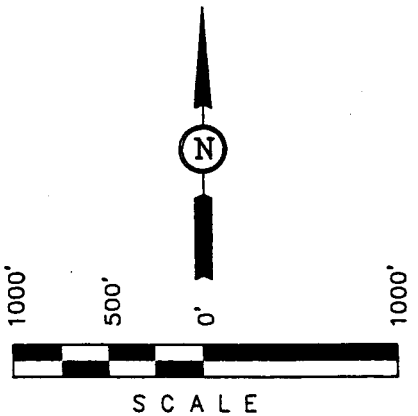
- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

INLAND PRODUCTION CO.

Well location, TAR SANDS FEDERAL #2-33, located as shown in the NW 1/4 NE 1/4 of Section 33, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK LOCATED IN THE SW 1/4 OF SECTION 29, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5229 FEET.



CERTIFICATE

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

Robert L. Kay

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

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

SCALE: 1" = 1000'	DATE SURVEYED: 2-20-97	DATE DRAWN: 2-21-97
PARTY: L.D.T. B.G. C.B.T.	REFERENCES: G.L.O. PLAT	
WEATHER: COLD	FILE: INLAND PRODUCTION CO.	

INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #2-33
NW/NE SECTION 33, 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.

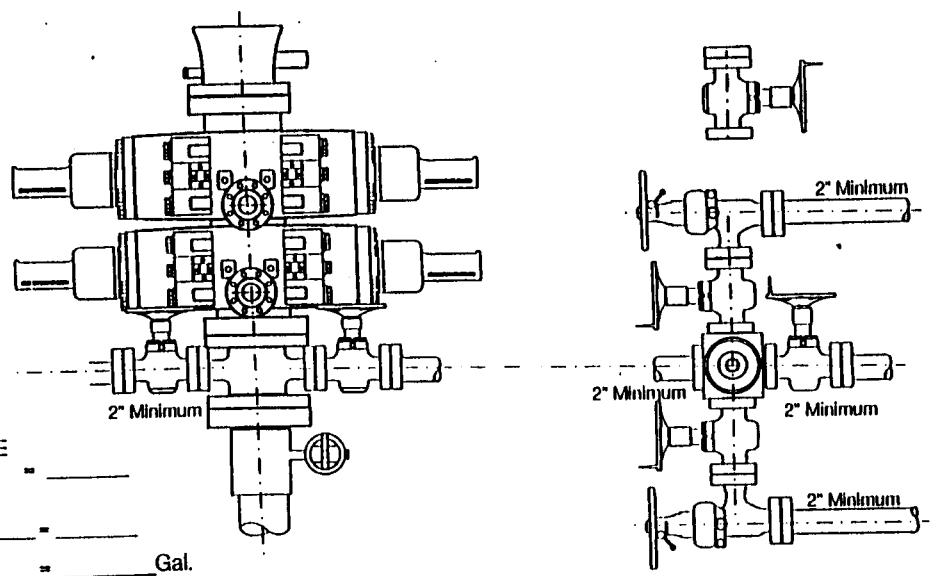
10. ***ANTICIPATED STARTING DATE AN D DURATION OF THE OPERATIONS:***

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

EXHIBIT "F"

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

2-M SYSTEM



GAL TO CLOSE
Annular BOP = _____
Ramtype BOP
____Rams x _____ = _____
= _____Gal.

_____ x 2 = _____ Total Gal.

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

INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #2-33
NW/NE SECTION 33, 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 #2-33 located in the NW 1/4 NE 1/4 Section 33, T8S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles ± to the junction of this highway and Utah State Highway 53; proceed southeasterly along Utah State Highway 8.4 miles to an existing dirt road to the east, proceed easterly 1.9 miles to the beginning of the proposed access road, to be discussed in item #2.

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

The aforementioned dirt 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 planned access road leaves the existing condensate tank in the SW1/4 SW 1/4 Section 28, T8S, R17E, S.L.B., and proceeds in a southeasterly direction approximately .5 miles ±, to the proposed location site.

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

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

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 six (6) producing, Inland Production wells, within a one (1) mile radius of this well. See Exhibit D".

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

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

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

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

Tank batteries will be built to BLM specifications.

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

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

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte 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 #2-33. A temporary line may be used for water transportation from our existing supply line, from Johnson Water District or (See Exhibit "G") 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 south 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 southwest corner, between stakes 5 & 7.

Access to the well pad will be from the northeast corner, between stakes 2 & 3, and the northwest corner between stakes 7 & 8.

The northeast corner will be rounded, and a water diversion shall be created from the northeast corner to the west end of the location.

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.

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 #2-33, from the Tar Sands Federal #15-28, for a 3" poly gas line and a 2" poly return line. Both lines will be run on surface, adjacent to road-way. A temporary line may be used for water transportation, prior to gas transportation, from our existing supply line from Johnson Water District. 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 #2-33, 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 #2-33, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

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

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

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

13. *LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION*

Representative

Name: Brad Mecham

Address: P.O. Box 1446 Roosevelt, Utah 84066

Telephone: (801) 722-5103

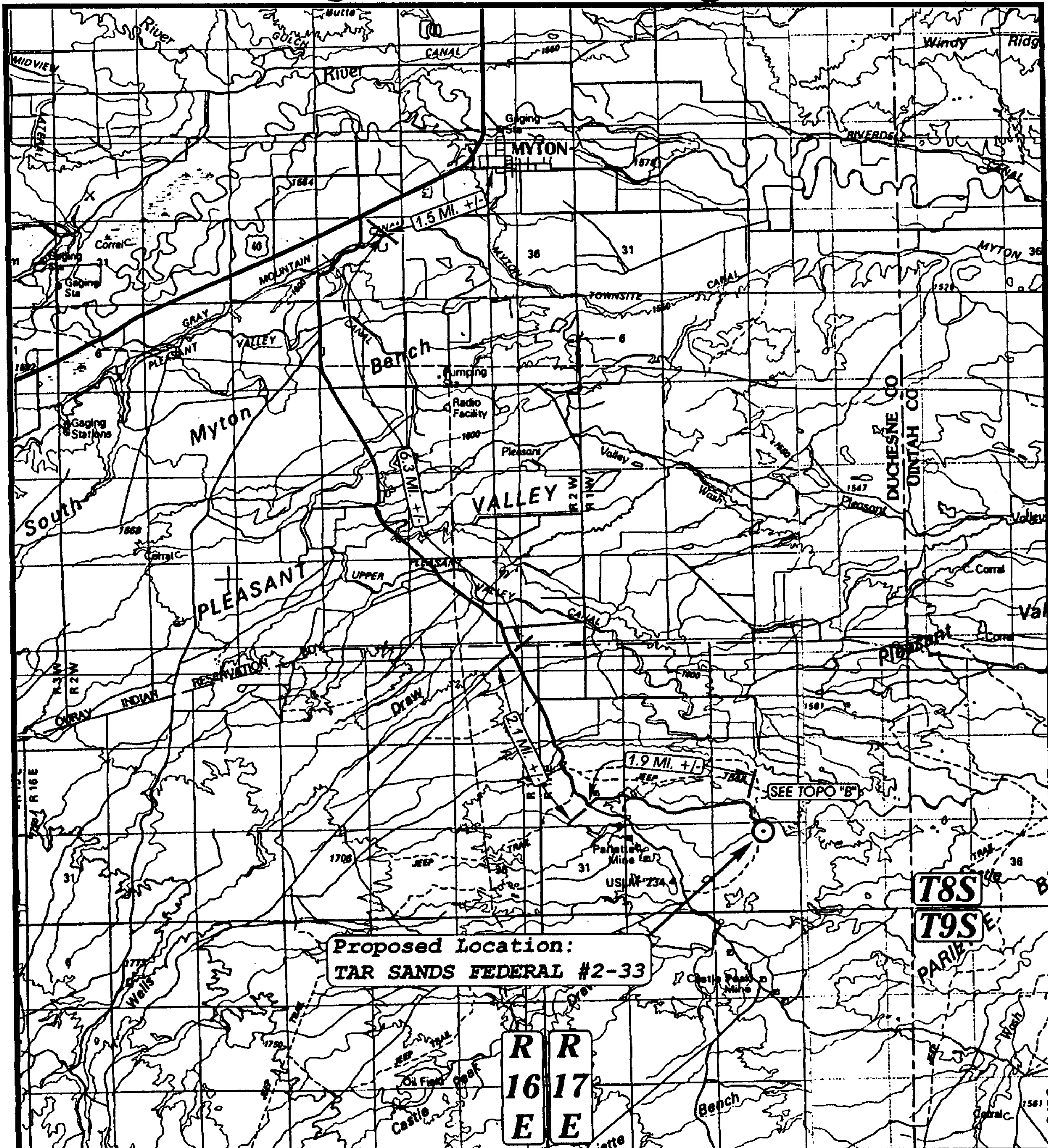
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Tar Sands Federal 2-33 NW/NE Section 33, Township 8S, Range 17E: Lease U-74870, 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.

3-25-97
Date

Brad Mecham
District Manager



UELS

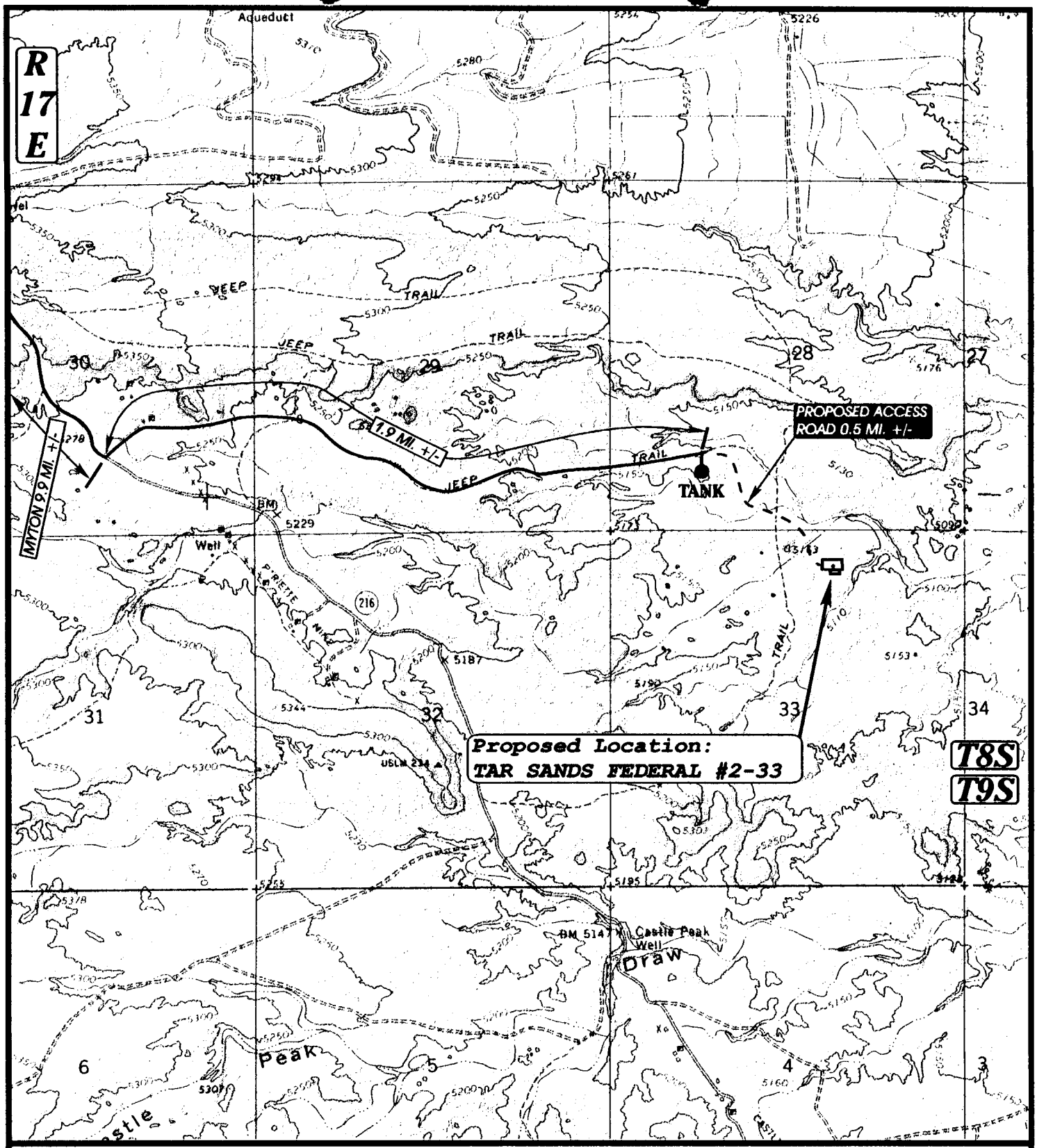
T O P O G R A P H I C
M A P "A"

DATE: 2-21-97
Drawn by: D.COX
REVISED: 2-28-97 D.COX

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

INLAND PRODUCTION CO.

TAR SANDS FEDERAL #2-33
SECTION 33, T8S, R17E, S.L.B.&M.
545' FNL 1991' FEL



TOPOGRAPHIC MAP "B"

DATE: 2-24-97
Drawn by: D.COX
REVISED: 2-28-97

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

SCALE: 1" = 2000'

INLAND PRODUCTION CO.

TAR SANDS FEDERAL #2-33
SECTION 33, T8S, R17E, S.L.B.&M.
545' FNL 1991' FEL

EXHIBIT "C"

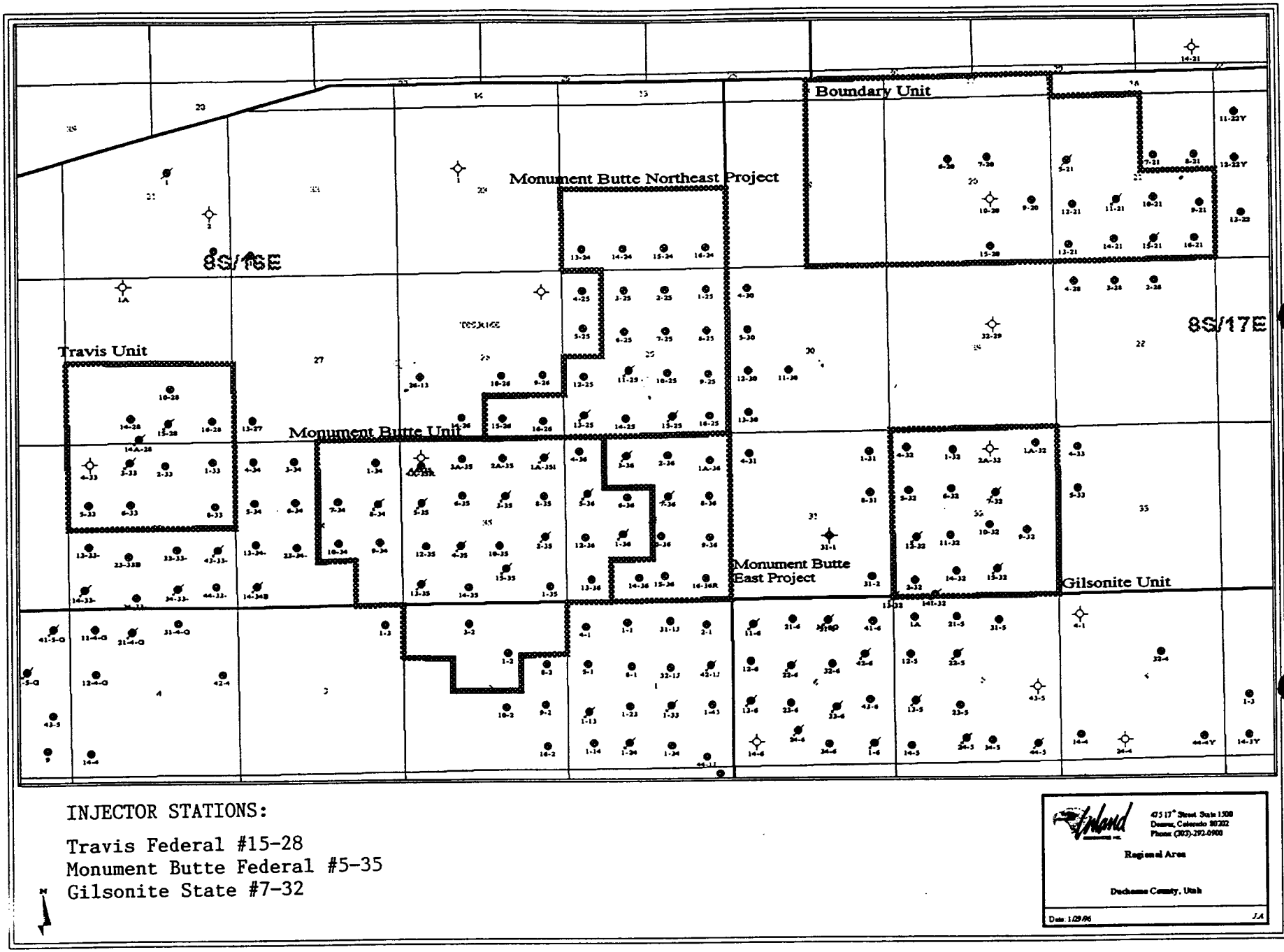
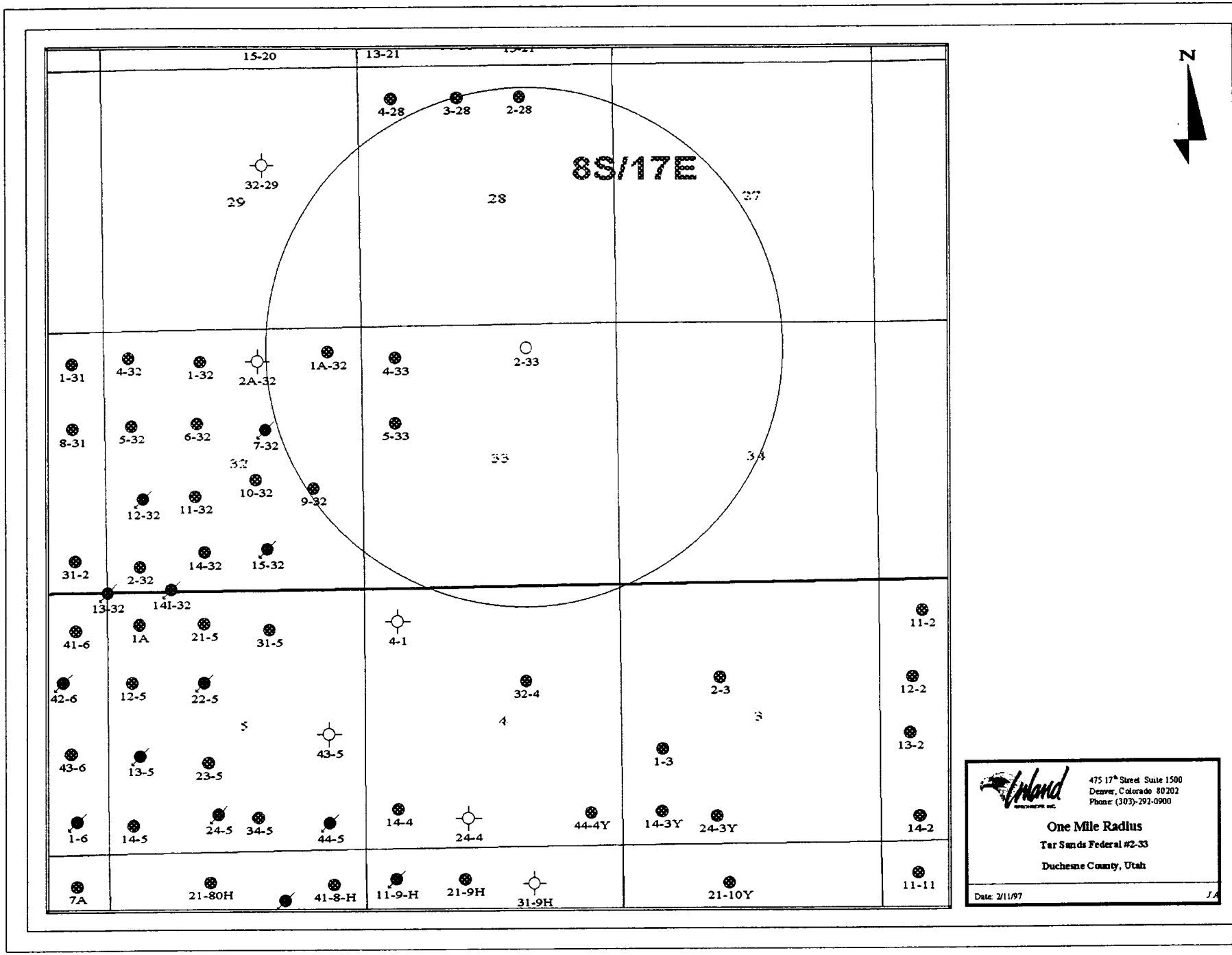

Boundary Unit
Monument Butte Northeast Project
8S/16E
Travis Unit
Monument Butte Unit
Monument Butte East Project
Gilsonite Unit
8S/17E
INJECTOR STATIONS:
Travis Federal #15-28
Monument Butte Federal #5-35
Gilsonite State #7-32
Inland
Regional Area
Duchesne County, Utah

EXHIBIT "D"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8S/17E
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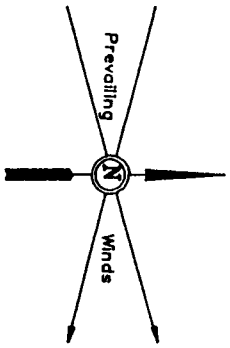
23-5
1-3
13-2
1-6
14-5
24-5
34-5
44-5
14-4
24-4
44-4Y
14-3Y
24-3Y
14-2
7A
21-80H
41-8-H
11-9-H
21-9H
31-9H
21-10Y
11-11
Inland
475 17th Street Suite 1500
Denver, Colorado 80202
Phone: (303)-292-0900
One Mile Radius
Tar Sands Federal #2-33
Duchesne County, Utah
Date: 2/11/97

EXHIBIT "E"

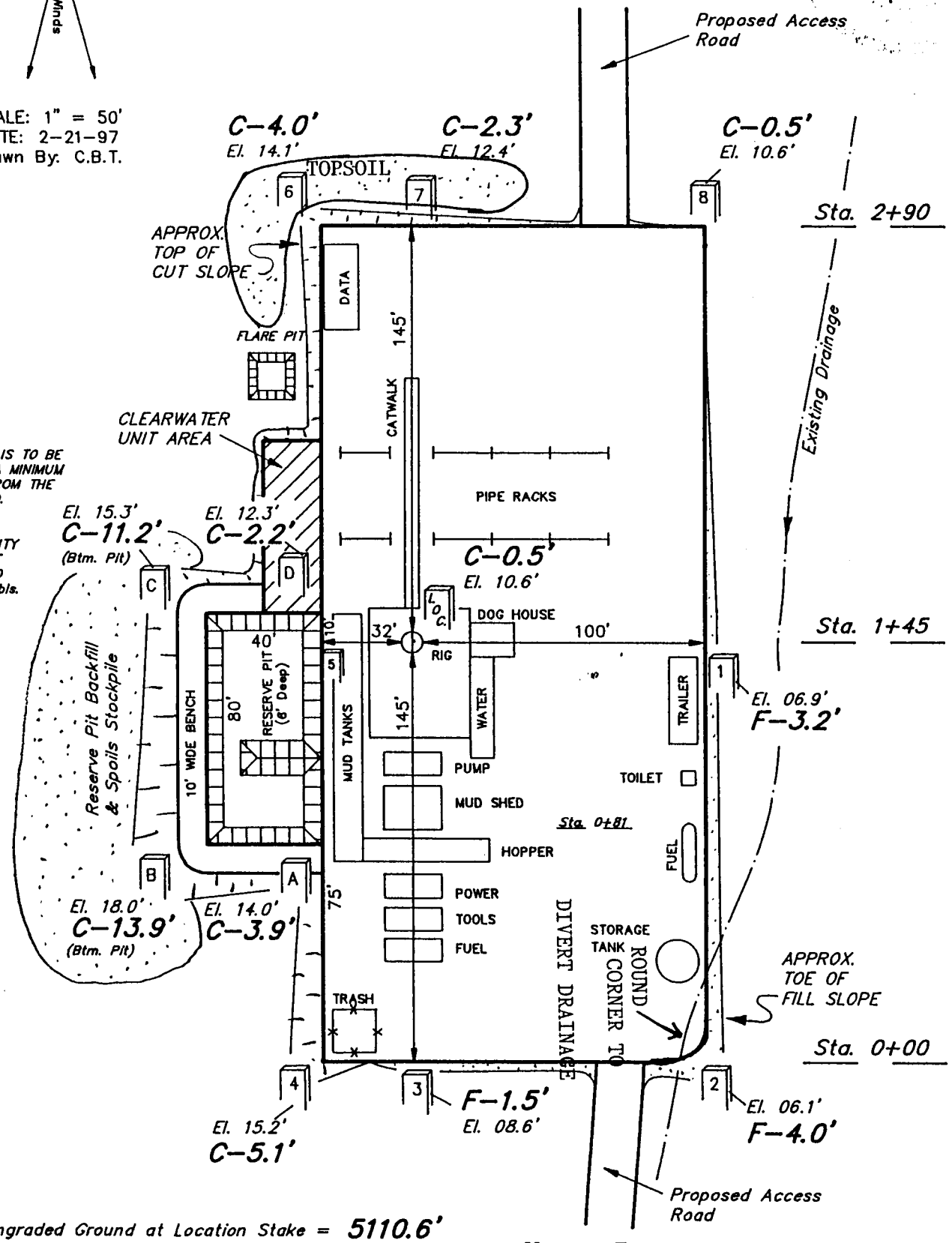
INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

TAR SANDS FEDERAL #2-33
SECTION 33, T8S, R17E, S.L.B.&M.
545' FNL 1991' FEL



SCALE: 1" = 50'
DATE: 2-21-97
Drawn By: C.B.T.



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

NOTE:
PIT CAPACITY WITH 2' OF FREEBOARD = 1,470 Bbls.

Elev. Ungraded Ground at Location Stake = 5110.6'

Elev. Graded Ground at Location Stake = 5110.1'

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

EXHIBIT "E-1"

INLAND PRODUCTION CO.

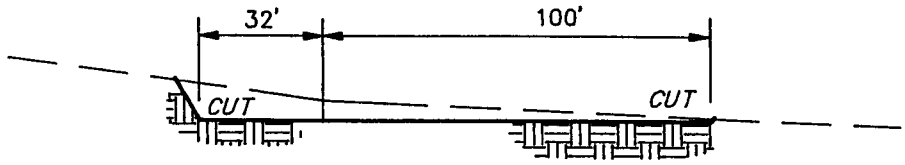
TYPICAL CROSS SECTIONS FOR

TAR SANDS FEDERAL #2-33
SECTION 33, T8S, R17E, S.L.B.&M.
545' FNL 1991' FEL

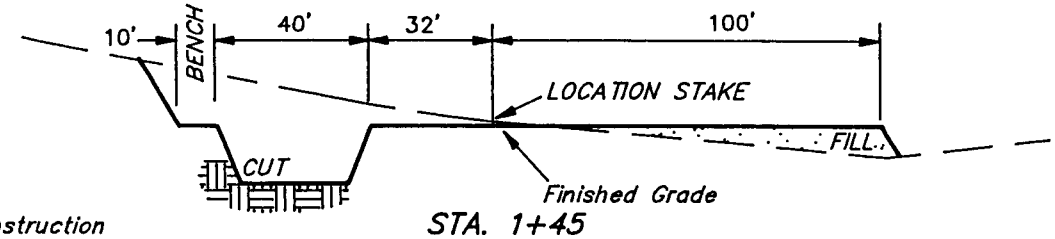
1" = 20' X-Section Scale

1" = 50'

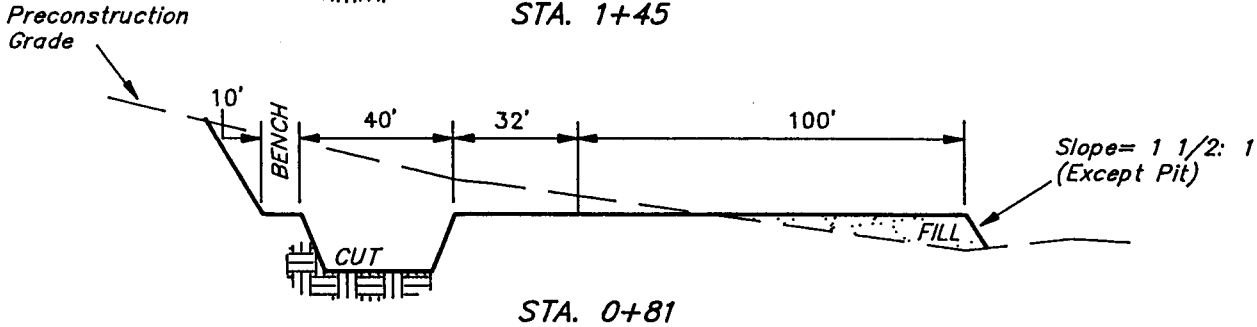
DATE: 2-21-97
Drawn By: C.B.T.



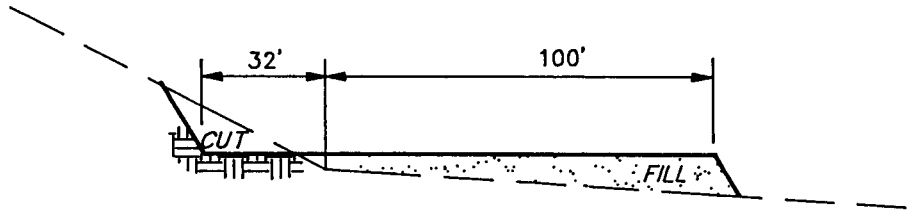
STA. 2+90



STA. 1+45



STA. 0+81



STA. 0+00

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

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping	= 780	Cu. Yds.
Remaining Location	= 2,460	Cu. Yds.
TOTAL CUT	= 3,240	CU.YDS.
FILL	= 1,450	CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,710	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,040	Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 670	Cu. Yds.

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

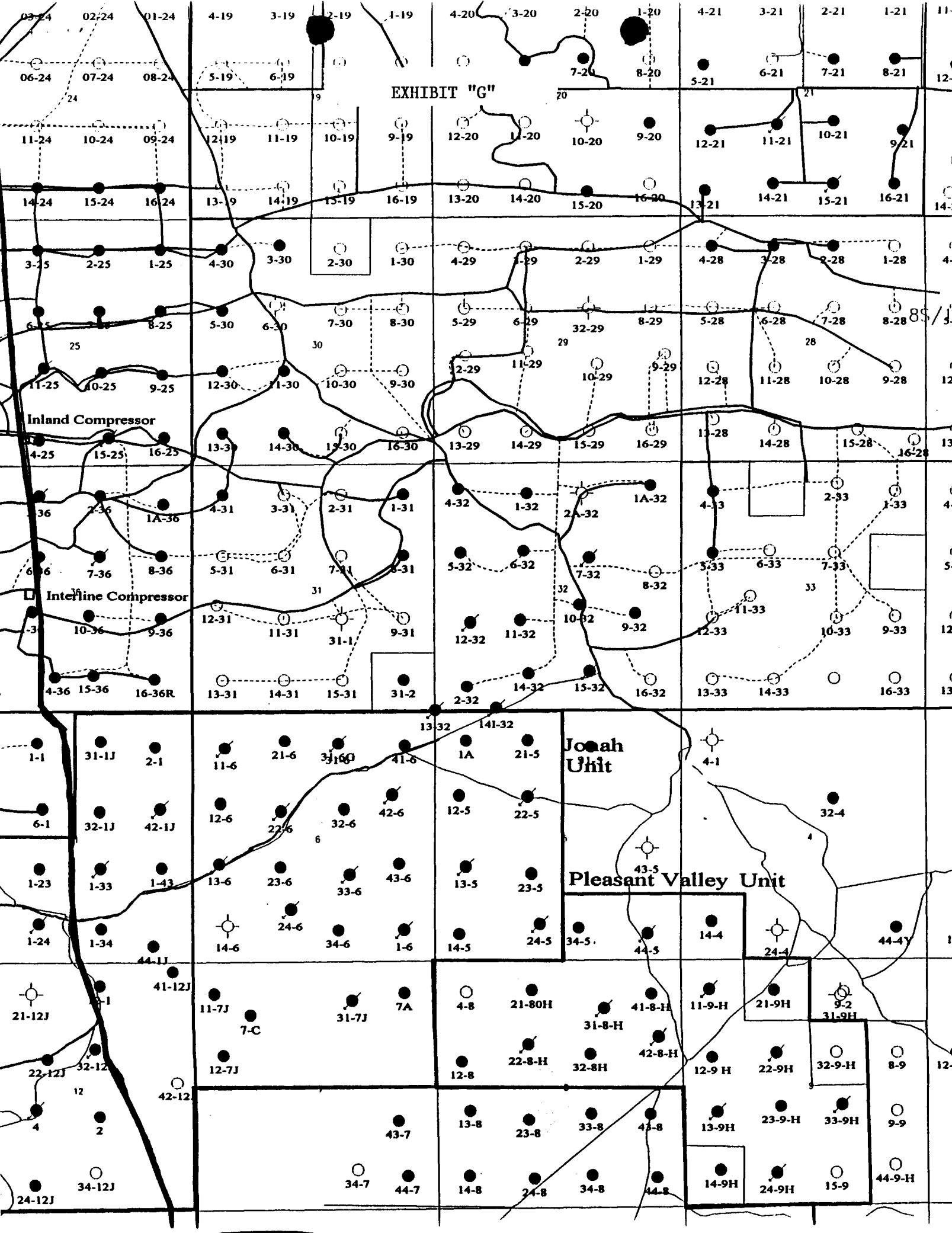


EXHIBIT "G"
Inland Compressor
Interline Compressor
Jonah Unit
Pleasant Valley Unit

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/02/97

API NO. ASSIGNED: 43-013-31867

WELL NAME: TAR SANDS FEDERAL 2-33
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:
NWNE 33 - T08S - R17E
SURFACE: 0545-FNL-1991-FEL
BOTTOM: 0545-FNL-1991-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U - 76241

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)
N Potash (Y/N)
N Oil shale (Y/N)
Y Water permit
(Number GILSONITE STATE 7-32)
N RDCC Review (Y/N)
(Date:)

LOCATION AND SITING:

___ R649-2-3. Unit: _____

✓ R649-3-2. General.

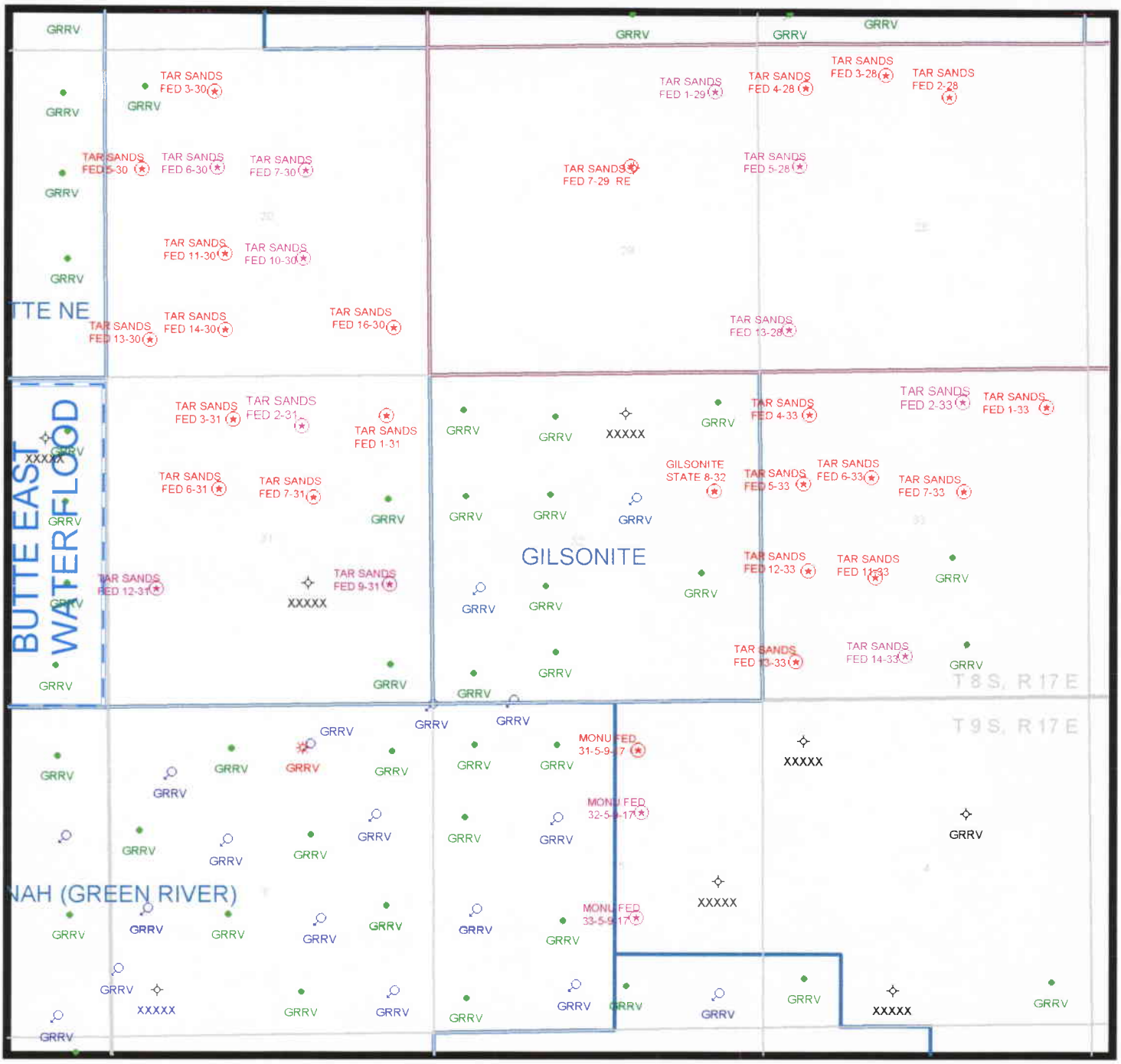
___ R649-3-3. Exception.

___ 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

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 2-33 Well, 545' FNL, 1991' FEL, NW NE, Sec. 33, 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 43-013-31867.

Sincerely,

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 2-33

API Number: 43-013-31867

Lease: U-76241

Location: NW NE **Sec.** 33 **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.

FORM 3160-3
(December 1990)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires December 31, 1991

DOGM A

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.: U-76241

6. IF INDIAN, ALOTTEE OR TRIBE NAME:

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ]

1b. TYPE OF WELL
OIL WELL [X] GAS WELL [ ] OTHER [ ] SINGLE ZONE [ ] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Tar Sands Federal

2. NAME OF OPERATOR: Inland Production Company

9. WELL NO.: #2-33

3. ADDRESS OF OPERATOR: P.O. Box 790233 Vernal, UT 84079 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: 545' FNL & 1991' FEL

43-013-31867

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 33, T8S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 10.8 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)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
545'	2879.94	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
1398'	6500'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5110.1' 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% $CaCl_2$,1/4# Flocele/sk
Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H_2O Req: 6.4 Gal/sk

LONG STRING - Lead: Hibond 65 Modified
Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H_2O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic
Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H_2O Req: 7.88 Gal/sk

RECEIVED
APR 1 0 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 3/18/97
Brad Mecham

(This space for Federal or State office use)
PERMIT NO. NOTICE OF APPROVAL 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:

Byron K. Tolman ACTING Assistant Field Manager Mineral Resources JUN 02 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

NH080-7M0-224

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Fed. 2-33

API Number: 43-013-31867

Lease Number: U-76241

Location: NWNE Sec. 33 T. 8S R. 17E

NOTIFICATION REQUIREMENTS

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

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

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

A. DRILLING PROGRAM

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

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

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

2. Pressure Control Equipment

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

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

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

Casing Program and Auxiliary Equipment

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

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

As a minimum, the usable water and oil shale resources shall be isolated and/or protected via the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

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

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

5. Coring, Logging and Testing Program

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

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

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

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

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

6. Notifications of Operations

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

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

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

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

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

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

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

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

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

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

7. Other Information

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

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

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

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

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

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

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

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

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

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

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

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

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

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend 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 vehicle travel will be confined to existing access road rights-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 . The portion on the road from the Sandwash road to the point where new construction begins will require the installation of many culverts. The dirt contractor will contact Byron Tolman with the BLM prior to starting construction to determine how many and what size of culverts will be installed. 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: TAR SANDS FEDERAL 2-33

Api No. 43-013-31867

Section: 33 Township: 8S Range: 17E County: DUCHESNE

Drilling Contractor: UNION

Rig # 7

SPUDDED:

Date: 8/29/97

Time:

How: ROTARY

Drilling will commence:

Reported by: D. INGRAM-DOGM

Telephone NO.:

Date: 9/5/97 Signed: JLT

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
[X] Oil Well [ ] Gas well [ ] Other

2. Name of Operator
Inland Production Company

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE/NE
Sec. 33, T8S, R17E

5. Lease Designation and Serial No.
U-76241

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.
Tar Sands Federal #2-33

9. API Well No.
43-013-31867

10. Field and Pool, or Exploratory Area
Monument Butte

11. County or Parish, State
Duchesne, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing repair	[ ] Water Shut-off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other ***Weekly Status***	[ ] Dispose Water

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

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

WEEKLY STATUS REPORT FOR WEEK OF 8/23/97 - 8/29/97:

Drill 17 1/2" hole to 15'. Set 15' of 13 3/8" conductor csg. Drill 12 1/4" hole to 329' w/ Union, Rig #7. Run 8 5/8" 24# J-55 ST&C csg to 299'. Cmt w/ 140 sx Prem + w/ 2% CC & 1/4#/sk flocele @ 15.6 ppg , 1.18 cf/sk yield w/ est 4 BC to surface. SPUD @ 1:00 PM ON 8/23/97 w/ Rotary Rig, Union #7. Finished drilling from 329' - 5950'. Run 5 1/2" 15.5# J-55 LT&C csg to 5946'. Pump 20 BDW & 20 BG. Cmt w/ 285 sx Hibond 65 mod, 11.0 ppg, 3.0 cf/sk yield. Good returns. Rig released @ 8:15 pm 8/29/97. RDMOL.

RECEIVED
SEP 15 1997
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Cheryl Cameron Title ***Regulatory Compliance Specialist*** Date 9/9/97
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.

***See Instruction on Reverse Side**

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-76241

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

1. Type of Well
[X] Oil Well [ ] Gas well [ ] Other

8. Well Name and No.
Tar Sands Federal #2-33

2. Name of Operator
Inland Production Company

9. API Well No.
43-013-31867

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

10. Field and Pool, or Exploratory Area
Monument Butte

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE/NE
Sec. 33, T8S, R17E

11. County or Parish, State
Duchesne, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Abandonment		[ ] Change of Plans	
	[ ] Recompletion		[ ] New Construction	
[X] Subsequent Report	[ ] Plugging Back		[ ] Non-Routine Fracturing	
	[ ] Casing repair		[ ] Water Shut-off	
[ ] Final Abandonment Notice	[ ] Altering Casing		[ ] Conversion to Injection	
	[X] Other ***Weekly Status***		[ ] Dispose Water	

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

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

WEEKLY STATUS REPORT FOR WEEK OF 9/11/97 - 9/19/97:

Perf CP sd 5724'-5737',5790'-98',5831'-5839'

14. I hereby certify that the foregoing is true and correct
Signed Cheryl Cameron Title ***Regulatory Compliance Specialist*** Date ***9/19/97***
Cheryl Cameron

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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***See Instruction on Reverse Side**

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(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
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SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: ***U-76241***

6. If Indian, Allottee or Tribe Name:

7. If unit or CA, Agreement Designation:

1. Type of Well: [X] Oil Well [ ] Gas well [ ] Other

8. Well Name and No.: ***Tar Sands Federal #2-33***

2. Name of Operator: ***Inland Production Company***

9. API Well No.: ***43-013-31867***

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

10. Field and Pool, or Exploratory Area: ***Monument Butte***

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NE/NE
Sec. 33, T8S, R17E

11. County or Parish, State: ***Duchesne, UT***

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

TYPE OF SUBMISSION	TYPE OF ACTION			
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing repair	[ ] Water Shut-off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other ***Weekly Status***	[ ] Dispose Water

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

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

WEEKLY STATUS REPORT FOR WEEK OF 9/20/97 - 9/25/97:

Perf LDC sd 5454'-69', 5474'-82', 5485'-92'
Perf B sd 5232'-38'
Perf A sd 5310'-23', 5356'-63'
Perf C sd 5025'-39'
Perf D sd 4916'-29'

RECEIVED
OCT 01 1997
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed ***Cheryl Cameron*** Title ***Regulatory Compliance Specialist*** Date ***9/26/97***

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

***See Instruction on Reverse Side**

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: **U-76241**

6. If Indian, Allottee or Tribe Name: **NA**

7. If Unit or CA, Agreement Designation: **NA**

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: **TAR SANDS FED 2-33**

9. API Well No.: **43-013-31867**

2. Name of Operator: **INLAND PRODUCTION COMPANY**

10. Field and Pool, or Exploratory Area: **MONUMENT BUTTE**

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

11. County or Parish, State: **DUCHESNE COUNTY, UTAH**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
545 FNL 1991 FEL NW/NE Section 33, T08S R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Weekly Status**	[ ] Dispose Water

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

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

WEEKLY STATUS REPORT FOR WEEK OF 10/9/97 - 10/15/97

Put on production: 10/10/97 @ 1:00 PM.

RECEIVED
OCT 29 1997
DIV. OF OIL, GAS & MINING

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

Signed Shannon Smith Title Engineering Secretary Date 10/23/97

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR Inland Production Company
ADDRESS 475 17th St., Suite 1500
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
A	99999	12271	43-013-31867	Tar Sands Federal 2-33	NWNE	33	8S	17E	Duchesne	8/23/97	8/23/97

WELL 1 COMMENTS:
Spud well w/Union Rig #7 @ 1:00 pm, 8/23/97. Entity added 12-4-97. lc

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 2 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 3 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 4 COMMENTS:

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

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

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

(3/89)

Signature

Engineering Technician — Title
12/04/97 — Date

Phone No. (303) 376-8107

DEC 04 '97 03:34PM INLAND RESOURCES P.2

FAX COVER SHEET

RESOURCES INC.
475 17th Street, Suite 1500
Denver, CO 80202
Phone: 303-292-0900, Fax: 303-292-3270

DATE: 12/4/97

TO: Lisha Cordova

COMPANY: State of Utah - DOGM

FAX NUMBER: (801) 359-3940

FROM: Laurie Horob

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

Re: Entity Action Form – Form 6

If you do not receive all pages or there is a problem with this transmission, please call Laurie Horob @ (303) 376-8107.

RECEIVED
DEC 22 1997

Form 3160-4
(July 1992)

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

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.: U-76241

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

1a. TYPE OF WORK: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

1b. TYPE OF WELL: NEW WELL [X] WORK OVER [ ] DEEPEN [ ] PLUG BACK [ ] DIFF RESVR. [ ] Other

8. FARM OR LEASE NAME, WELL NO.: TAR SANDS FED 2-33

2. NAME OF OPERATOR: Inland Production Company

9. API WELL NO.: 43-013-31867

3. ADDRESS AND TELEPHONE NO.: 475 Seventeenth Street, Suite 1500, Denver, CO 80202 (303) 292-0900

10. FIELD AND POOL OR WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)
At Surface: NW/NE
At top prod. Interval reported be: 545 FNL 1991 FEL
At total depth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Section 33, T08S R17E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-013-31867	6/2/97	DUCHESNE	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8/23/97	8/29/97	10/10/97	5110.1 GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5950'	5896'		------>	X	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*: Green River 4916' - 5839'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: CBL, DIGL/SP/GR/CAL, SDL/DSN/GR 12-22-97

27. WAS WELL CORED: No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	310'	12 1/4	140 sx Prem Plus	
5 1/2	15.5#	5946'	7 7/8	285 sx Hibond & 285 sx Thixo	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	5825'	

31. PERFORATION RECORD (Interval, size and number)

CP 5724'-37', 5790'-98', 5831'-39'
LDC 5454'-69', 5474'-82', 5485'-92'
A 5310'-23', 5356'-63' B 5232-38'
C 5025'-39' D 4916'-29'

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)
10/10/97	Pumping - 2-1/2" x 1-1/2" x 12' x 15-1/2' RHAC pump	producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ---->	OIL--BBLS.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 Day Avg	10/97	N/A		138	132	15	0.957

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

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

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: Items in #26

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

SIGNED Ramie J. Hoole TITLE Engineering Technician DATE 11/19/97

*(See Instructions and Spaces for Additional Data 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.

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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Garden Gulch Mkr	4176'		#32.
Point 3 Mkr	4448'		
X Mkr	4677'		Perf CP sd 5724'-37', 5790'-98', 5831'-39'
Y-Mkr	4710'		Frac w/12,000# 20/40 sd in 603 BG
Douglas Creek Mkr	4836'		
BiCarbonate Mkr	5081'		Perf LDC sd 5454'-69', 5474'-82', 5485'-92'
B Limestone Mkr	5246'		Frac w/77,500# 20/40 sd in 445 BG
Castle Peak	5674'		
			Perf A sd 5310'-23', 5356'-63'
			Perf B sd 5232'-38'
			Frac w/141,000# 20/40 sd in 639 BG
			Perf C sd 5025'-39'
			Perf D sd 4916'-29'
			Frac w/141,000# 20/40 sd in 663 BG

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

To: Lisha
From: Debbie

all of these are 43-013-

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

#12391 "Greater Boundary (GBRV) Unit"

Lease Name	Status	Operator	Twp	Rge	Sec	Spot	Accounting No.	API Code
BOUNDARY FEDERAL 7-20	INJ	INLAND	08S	17E	20	7.0	UMBOI001	30750 8407
BOUNDARY FED 11-21	INJ	INLAND	08S	17E	21	11.0	UMBOI002	30752 10630
BOUNDARY FEDERAL 15-21	INJ	INLAND	08S	17E	21	15.0	UMBOI003	31622 11924
~~BOUNDARY FEDERAL #10-20~~	~~P&A~~	N/A	08S	17E	20	10	#N/A	
~~TAR SANDS FEDERAL 12-28~~	~~P&A~~	INLAND	08S	17E	28	12.0	#N/A	
~~TAR SANDS FEDERAL #32-29~~	~~P&A~~	N/A	08S	17E	29	7	#N/A	
BOUNDARY FEDERAL 6-20	PDP	INLAND	08S	17E	20	6.0	UMBOP001	31626 11991
BOUNDARY FEDERAL 8-20	~~DRL~~ PDP	INLAND	08S	17E	20	8.0	#N/A	31993 12329
BOUNDARY FEDERAL 9-20	PDP	INLAND	08S	17E	20	9.0	UMBOP002	30690 8408
BOUNDARY FEDERAL 15-20	PDP	INLAND	08S	17E	20	15.0	UMBOP003	30667 8409
BOUNDARY 6-21	PDP	INLAND	08S	17E	21	6.0	UMBOP005	31889 12261
BOUNDARY 7-21	PDP	INLAND	08S	17E	21	7.0	UMZZP053	31640 12027
BOUNDARY 8-21	PDP	INLAND	08S	17E	21	8.0	UMZZP052	31557 11855
BOUNDARY FEDERAL 9-21	PDP	INLAND	08S	17E	21	9.0	UMBOP006	31542 11806
BOUNDARY FEDERAL 10-21	PDP	INLAND	08S	17E	21	10.0	UMBOP007	31532 11803
BOUNDARY FEDERAL 12-21	PDP	INLAND	08S	17E	21	12.0	UMBOP008	31440 11709
BOUNDARY FEDERAL 13-21	PDP	INLAND	08S	17E	21	13.0	UMBOW001	30665 2660
BOUNDARY FEDERAL 14-21	PDP	INLAND	08S	17E	21	14.0	UMBOP009	31441 11768
BOUNDARY FEDERAL 16-21	PDP	INLAND	08S	17E	21	16.0	UMBOP010	31627 11934
TAR SANDS FEDERAL 2-28	PDP	INLAND	08S	17E	28	2.0	UMZZP079	11937 31642
TAR SANDS FEDERAL 3-28	PDP	INLAND	08S	17E	28	3.0	UMZZP078	11923 31623
TAR SANDS FEDERAL 4-28	PDP	INLAND	08S	17E	28	4.0	UMZZP080	11938 31641
TAR SANDS FEDERAL 5-28 (I)	PDP	INLAND	08S	17E	28	5.0	UMZZP114	12171 31697
TAR SANDS FED 6-28	PDP	INLAND	08S	17E	28	6.0	UMZZP116	12241 31921
TAR SANDS FED 13-28	PDP	INLAND	08S	17E	28	13.0	UMZZP105	12176 31771
TAR SANDS FEDERAL 1-29	PDP	INLAND	08S	17E	29	1.0	UMZZP115	12168 31743
TAR SANDS FED 8-29	PDP	INLAND	08S	17E	29	8.0	UMZZP117	12242 31922
TAR SANDS FEDERAL 9-29	PDP	INLAND	08S	17E	29	9.0	#N/A	12281 31942
TAR SANDS FEDERAL 12-29	PDP	INLAND	08S	17E	29	12.0	UMZZP113	12261 31924
TAR SANDS FEDERAL 16-29	PDP	INLAND	08S	17E	29	16.0	UMZZP106	12212 31871
TAR SANDS FEDERAL 1-33	PDP	INLAND	08S	17E	33	1.0	UMZZP108	12265 31863
TAR SANDS FEDERAL 2-33	PDP	INLAND	08S	17E	33	2.0	UMZZP107	12271 31867
BOUNDARY FED 5-21	SI	INLAND	08S	17E	21	5.0	UMBOP004	30822 11162
FEDERAL 1-26	SI	INLAND	08S	17E	26	3.0	431162	4304731953 11227

Thanks for your help

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. N5160

ADDRESS

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

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

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

(3/89)

L. CORDOVA (DOGM)
Signature

ENG. TECH
Title

6-26-98
Date

Phone No. ( )

FORM 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-76241

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
GREATER BOUNDARY

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.
TAR SANDS FEDERAL 2-33

9. API Well No.
43-013-31867

2. Name of Operator
INLAND PRODUCTION COMPANY

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

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

11. County or Parish, State
DUCHESNE COUNTY, UTAH

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
0545 FNL 1991 FEL NW/NE Section 33, T08S R17E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **Site Security**	[ ] 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.

RECEIVED
NOV 02 1998
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed Debbie E. Knight Title Manager, Regulatory Compliance Date 10/30/98

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

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 fradulent statements or representations as to any matter within its jurisdiction.

Inland Production Company
Site Facility Diagram

Tar Sands 2-33

NW/NE Sec. 33, T8S, 17E

Duchesne County

May 12, 1998

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

Production Phase:

1) Valves 1, 3, 4 sealed closed

2) Valves 2 and 5 sealed open

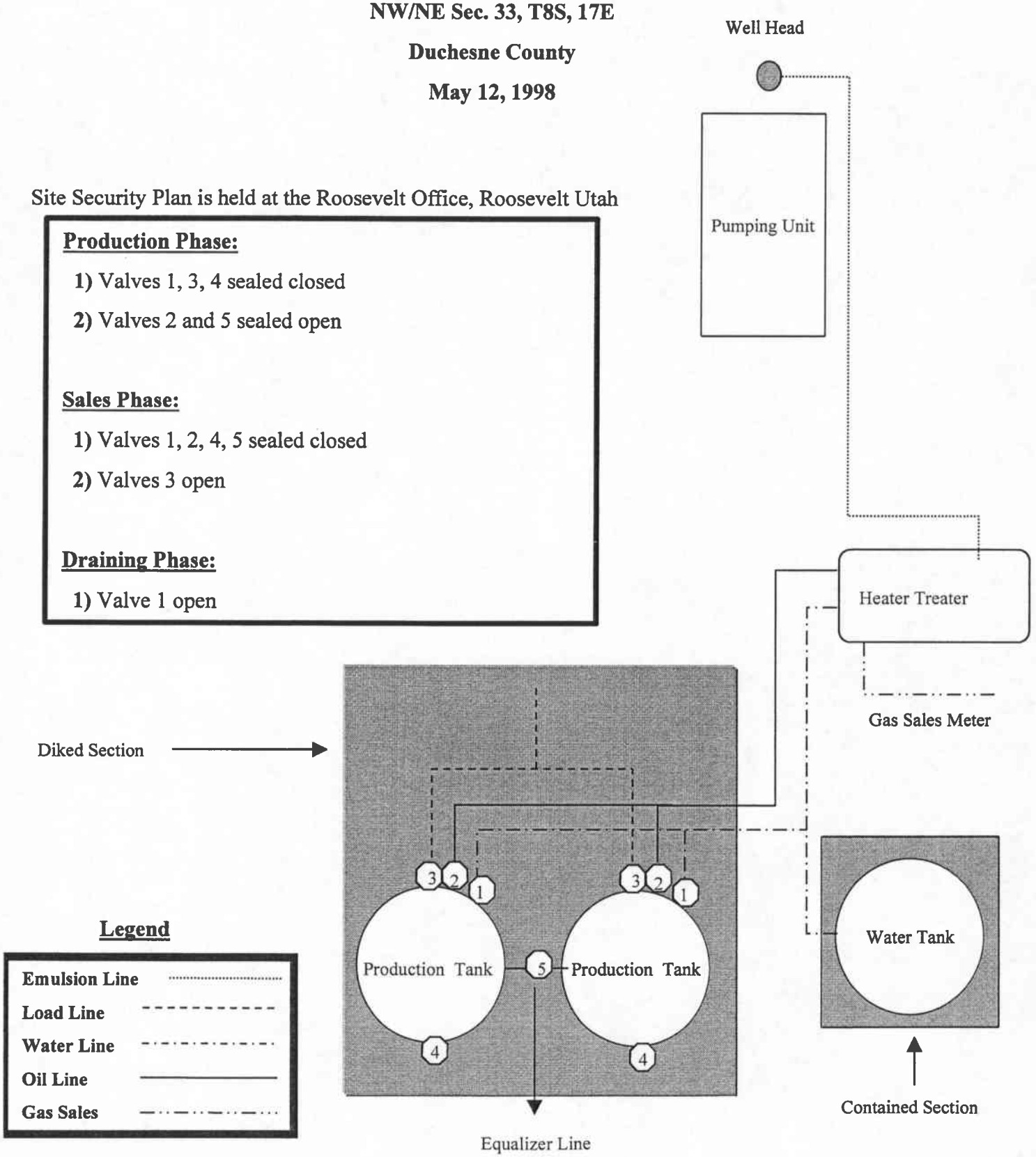
Sales Phase:

1) Valves 1, 2, 4, 5 sealed closed

2) Valves 3 open

Draining Phase:

1) Valve 1 open



Legend

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

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065914

UTU-

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020309D
022684A
027345
034217A
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035521A
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063597A
075174
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72613A
73520X
74477X
75023X
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76331X
76788X
77098X
77107X
77236X
77376X
78560X
79485X
79641X
80207X
81307X

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.

Secretary of State

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

TAKE PRIDE IN AMERICA

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 L Coulthard

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

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

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — **Merger**

The operator of the well(s) listed below has changed, effective: **9/1/2004**

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

CA No. **Unit:** **GREATER BOUNDARY (GR)**

WELL(S)

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

6b. Inspections of LA PA state/fee well sites complete on: waived

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-76241
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME:
GREATER BOUNDARY II
8. WELL NAME and NUMBER:
TAR SANDS FED 2-33
9. API NUMBER:
4301331867
10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

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.

1. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 545 FNL 1991 FEL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 33, T8S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
[ ] NOTICE OF INTENT (Submit in Duplicate)	[ ] ACIDIZE	[ ] DEEPEN	[ ] REPERFORATE CURRENT FORMATION
Approximate date work will	[ ] ALTER CASING	[ ] FRACTURE TREAT	[ ] SIDETRACK TO REPAIR WELL
	[ ] CASING REPAIR	[ ] NEW CONSTRUCTION	[ ] TEMPORARILY ABANDON
	[ ] CHANGE TO PREVIOUS PLANS	[ ] OPERATOR CHANGE	[ ] TUBING REPAIR
	[ ] CHANGE TUBING	[ ] PLUG AND ABANDON	[ ] VENT OR FLAIR
[X] SUBSEQUENT REPORT (Submit Original Form Only)	[ ] CHANGE WELL NAME	[ ] PLUG BACK	[ ] WATER DISPOSAL
Date of Work Completion:	[ ] CHANGE WELL STATUS	[ ] PRODUCTION (START/STOP)	[ ] WATER SHUT-OFF
12/12/2007	[ ] COMMINGLE PRODUCING FORMATIONS	[ ] RECLAMATION OF WELL SITE	[X] OTHER: - Recompletion
	[ ] CONVERT WELL TYPE	[X] RECOMPLETE - DIFFERENT FORMATION	

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

The subject well had recompletion procedures in the Green River formation. See attached daily and final summary sheet.

NAME (PLEASE PRINT) Kathy Chapman TITLE Office Manager

SIGNATURE Kathy Chapman DATE 02/11/2008

(This space for State use only)

RECEIVED
FEB 12 2008
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

TAR SANDS 2-33-8-17

10/1/2007 To 2/29/2008

12/4/2007 Day: 1 **Recompletion**

NC #1 on 12/3/2007 - 6:30AM MIRU NC#1, Clean Flat Tnk Due To Trash, R/U ZHO, pmp 40 Bbls Wtr D/Csg, R/D Unit, Unseat pmp, Flsh Tbg W/-35 Bbls Wtr, Seat pmp, pmp 35 Bbls Wtr D/Tbg, No Test, Hole In Tbg. Unseat pmp, POOH W/-Rod String Shown Below. N/D W/-HD, N/U BOP, Rel T/A, POOH W/-80 Jts Tbg, SWI, 6:00PM C/SDFN.

12/5/2007 Day: 2 **Recompletion**

NC #1 on 12/4/2007 -

12/6/2007 Day: 3 **Recompletion**

NC #1 on 12/5/2007 - Cont. POOH w/ tbg. LD BHA. RU wireline truck. Perforate B2 sds @ 5179-86' & 5166-70', B.5 sds @ 5112-16' & GB4 sds @ 4362-70'. RD wireline. RIH w/ 5 1/2" TS plug, on/off tool, 4' x 2 3/8" tbg. sub, 5 1/2" HD pkr. & N-80 tbg. Set TS @ 5200' & HD @ 5091' w/ EOT @ 5102'. RU BJ Services. Fill tbg. w/ 15 bbls water. Break down B.5 & B2 sds @ 3985 psi. Injection rate of 4.5 bpm @ 3200 psi. ISIP @ 1800 psi. RD BJ Services. Release tools. Set TS plug @ 5881' & HD pkr. @ 5850' w/ EOT @ 5861'. Pressure test tbg. & tools. Release HD pkr. & reset @ 5776' w/ EOT @ 5787'. Attempt to acidize CP sds @ 5790-98' & 5831-39'. Perfs broke @ 2220 psi & communicated w/ CP sds @ 5724-37'. Perfs communicated @ 100 psi @ 5 bpm. Release HD pkr. & reset @ 5679' w/ EOT @ 5690'. Acidize CP sds @ 5724-37', 5790-98' & 5831-39' as shown below. Bleed off well. RIH w/ swab. SFL @ surface. Made 5 runs. Recovered 70 bbls water. Release pkr. SWIFN.

12/7/2007 Day: 4 **Recompletion**

NC #1 on 12/6/2007 - RIH w/ tbg. Release TS plug. Move TS plug to 5401' & HD pkr. To 5291' w/ EOT @ 5302'. Acidize A.5 & A1 sds w/ 500 gals water w/ 4% Techni-hib & 16 bbls 15% hcl acid as shown below. Release tools. Reset TS plug @ 5077' & HD pkr. @ 4967' w/ EOT @ 4978'. Acidize C sds w/ 500 gals water w/ 4% Techni-hib & 11 bbls 15% hcl acid as shown below. Release tools. Reset TS plug @ 4980' & HD pkr. @ 4870' w/ EOT @4881'. Acidize D2 sds w/ 500 gals water w/ 4% Techni-hib & 15 bbls 15% hcl acid as shown below. Release tools. Reset TS plug @ 5401'. Leave HD pkr. released w/ EOT @ 5340'. RU swab. Made 8 swab runs. SFL @ surface. Recovered 74 bbls. Trace of oil. EFL @ 4200'. Release TS plug. Reset TS plug @ 5220'. Pull up to 5106' w/ EOT. SWIFN.

12/8/2007 Day: 5 **Recompletion**

NC #1 on 12/7/2007 - Set HD pkr. @ 5090' w/ EOT @ 5102'. RU BJ Services. 0 psi on tbg. Frac B.5 & B2 sds w/ 44,502#'s of 20/40 sand in 441 bbls of Lightning 17 fluid. Broke @ 2424 psi. Treated w/ ave pressure of 4178 psi w/ ave rate of 15.5 BPM. ISIP 4416 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 1.5 hrs. Recovered 124 bbls. Release tools. Reset TS plug @ 4397' & HD pkr. @ 4258' w/ EOT @ 4270'. RU BJ Services. 0 psi on tbg. Frac GB4 sds w/ 39,422#'s of 20/40 sand in 380 bbls of Lightning 17 fluid. Broke @ 1327 psi. Treated w/ ave pressure of 3953

psi w/ ave rate of 15.7 BPM. ISIP 2014 psi. Open well to pit for immediate flowback @ 1 bpm. Well flowed for 2.5 hrs. Recovered 148 bbls. Released HD pkr. Circulated well clean. SWIFN.

12/11/2007 Day: 6 **Recompletion**

NC #1 on 12/10/2007 - 6:30AM OWU, D&M H/Oiler Thaw Well HD. RIH To Fill @ 4391', C/Out To Plg @ 4401' Curc Fill Off Plg, Rel Plg, Curc Well Cln. POOH & L/D N-80 Tbg On Float W/-Pkr & Plg. RIH W/-20 Jts J-55 Tbg, POOH & L/D Tbg Due To Rod Wear. P/U & RIH W/-N/C, 2 Jts Tbg (Used), S/N W/-Std Vlve In Plce, 2 Jts Tbg (New), T/A, 18 Jts Tbg (New), Test In Hole W/-124 Jts Tbg (Used), Tested To 3500 Psi, RIH W/-Remainder 40 Jts Tbg (Used), 5:30PM SWI, C/SDFN. EOT @ 5795'.

12/12/2007 Day: 7 **Recompletion**

NC #1 on 12/11/2007 - 6:30AM OWU, D&M H/Oiler R/U & Fill Tbg W/-7 Bbls Wtr, P/Test Tbg To 3,000 Psi, Good Test. R/U S/Line Ovr Shot RIH & Fish Std Vlve. R/U Swab RIH IFL @ 900', Made 12 Swab Runs, Recvred 140 Bbls Wtr, 2% Oil Cut, Lite Trce Sand, FFL @ 2800', RIH W/-Tbg To Fill @ 5889', R/U R/pmp & C/Out To PBTD @ 5894', Curc Well Clean, POOH & L/D 4 Jts Tbg, N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD. Flsh Tbg W/-60 Bbls Wtr. P/U Stroke & RIH W/-CDI 2 1/2x1 1/2x12x15' RHAC, 6-1 1/2x25' Wt Bars, 57-(New) 3/4x25' Guided Rods, 15-3/4x25' Slick Rods, SWI, 5:30PM C/SDFN. Lost 196 Bbls Wtr On C/Out To PBTD, Recvred 140 Bbls Wtr Swabbing, Total Wtr Loss For Day = 56 Bbls.

12/13/2007 Day: 8 **Recompletion**

NC #1 on 12/12/2007 - 6:30AM OWU, RIH W/-49-3/4X25' Slick Rods, 101-3/4x25' Guided Rods Top 6 (New), 4-3/4x4' Ponys, 1-3/4x2' Pony, 1 1/2x22' Polish Rod, Seat pmp, R/U Unit, D&M H/Oiler Fill Tbg W/-10 Bbls Wtr, Stroke Unit & Tbg To 800 Psi, Good Test. R/D H/Oiler, Rack Out Eq, R/D Rig, Move Out, POP @ 11:30AM, 62" SL, 6 SPM, (Final Report).

Pertinent Files: Go to File List

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
UTU-76241

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 2-33

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013318670000

3. ADDRESS OF OPERATOR:
Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0545 FNL 1991 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NWNE Section: 33 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 6/7/2012	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☑ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☑ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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 05/09/2011. On 05/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/07/2012 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20702-09554

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

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE		**DATE**
N/A		6/12/2012

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 / 7 / 2012
Test conducted by: DAVE Cloward
Others present: _____

UT20702-09554

Well Name: 2-33-8-17 Type: ER SWD Status: AC TA UC
Field: TAR SANDS FEDERAL
Location: NW/NE Sec: 33 T 8 N/S R 17 E/W County: DUCHESNE State: UTAH
Operator: NEWFIELD
Last MIT: / / Maximum Allowable Pressure: _____ PSIG

UTU 87538X API 43-013-31867

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

Pre-test casing/tubing annulus pressure: _____ psig

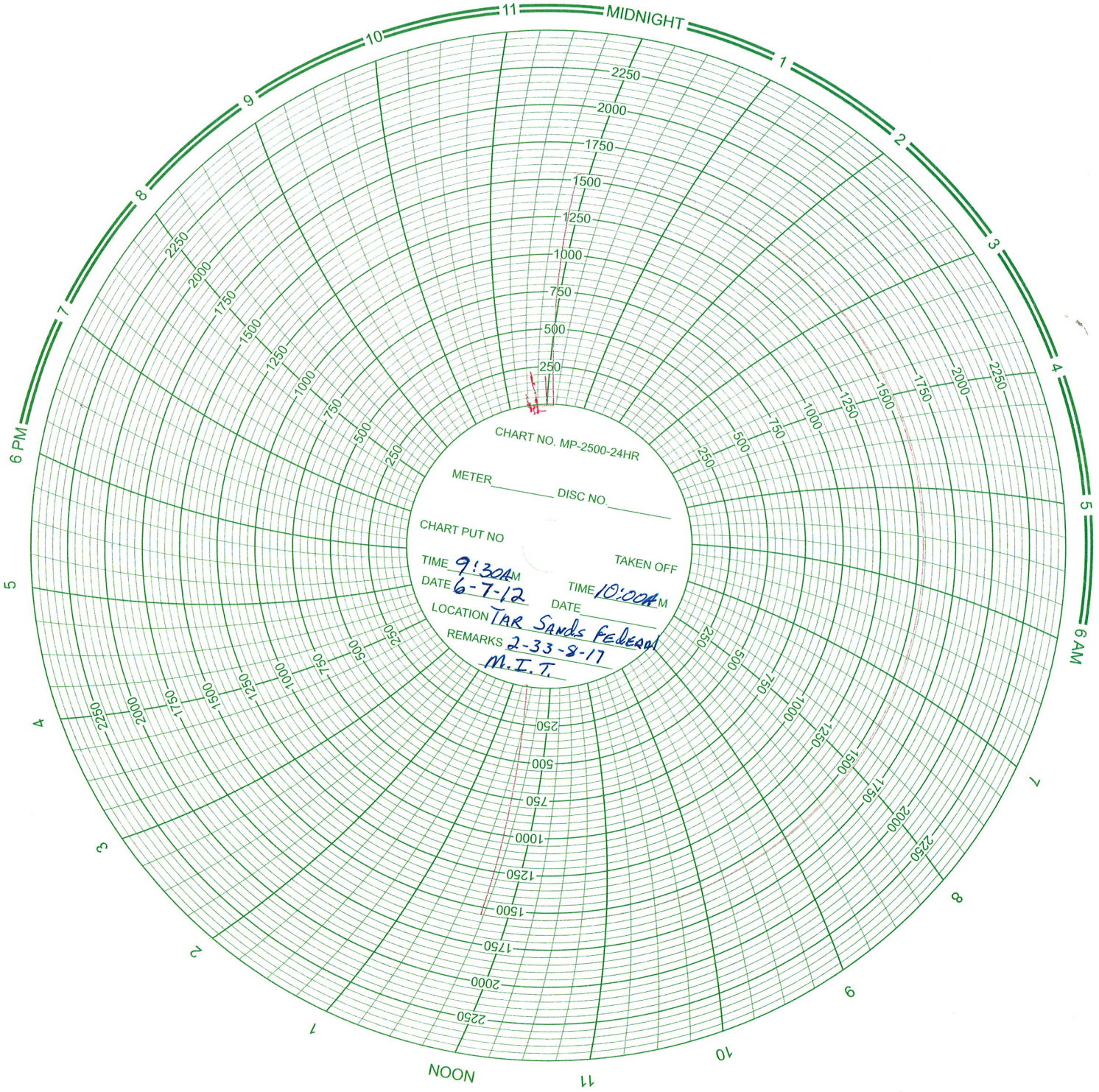
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	400 psig	psig	psig
End of test pressure	400 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1550 psig	psig	psig
5 minutes	1550 psig	psig	psig
10 minutes	1550 psig	psig	psig
15 minutes	1550 psig	psig	psig
20 minutes	1550 psig	psig	psig
25 minutes	1550 psig	psig	psig
30 minutes	1550 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[X] Pass [ ] Fail	[ ] Pass [ ] Fail	[ ] Pass [ ] Fail

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

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: _____


MIDNIGHT
NOON
6 AM
6 PM
CHART NO. MP-2500-24HR
METER
DISC NO.
CHART PUT NO
TIME 9:30 AM
DATE 6-7-12
TAKEN OFF
TIME 10:00 AM
DATE
LOCATION TAR Sands Federal
REMARKS 2-33-8-17
M.I.T.

Daily Activity Report

Format For Sundry

TAR SANDS 2-33-8-17

3/1/2012 To 7/30/2012

5/29/2012 Day: 1 **Conversion**

NC #1 on 5/29/2012 - MIRU NC#1,H/O Csg,U/S pmp,Flush Tbg,Seat pmp,P/Tst Tbg,POOH L/D Rod Prod & pmp.Flushed Tbg W/20 BW On TOOH,N/U BOP,RIH W/-S/Line To 5882' Depthometer.Rel T/A,POOH W/ - 8:30AM MIRU NC#1, R/D Unit, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, Fill Tbg W/-20 BW, P/Test Tbg To 3,500 Psi, Good Test. Unseat pmp, POOH L/D 1 1/2X22' Polish Rod, 1- 3/4X2' Pony,- 4- 3/4X4' Ponys, 14- 3/4 4 Per, 86- 3/4 3 Per, 64- 3/4 Slick. 57- 3/4 4 Per, 6- 1 1/2 Wt Bars & pmp. Flushed Tbg W/-20 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, R/U S/Line RIH To 5882' Depthometer. POOH W/-40 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.
Daily Cost: $0
Cumulative Cost: $7,780

5/30/2012 Day: 2 **Conversion**

NC #1 on 5/30/2012 - POOH W/-99 Jts Tbg Redoping Tool Jts,L/D Excess Tbg On Float, RIH W/-Collar,S/N,Pkr,On Off Tool,139 Jts Tbg,pmp Pad,Drop SV, Fill Tbg,P/Test To 3,000 Psi,N/D BOP,pmp 70 BW W/Pkr Fluid D/Csg,Set Pkr,N/U P/Tst Csg,R/D Rig,(Final Report) - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, POOH W/-99 Jts Tbg In Derrick Redoping Tool Jts W/-Liq O Ring. L/D 43 Jts Tbg, T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C. BMW H/Oiler Flush Tbg W/-20 BW On TOOH Due To Oil. P/U & RIH W/-2 3/8 Collar, S/N, 5 1/2" Arrow #1 Pkr, On Off Tool,139 Jts Tbg, pmp 20 BW Pad D/Tbg, Drop SV, Fill Tbg W/- 21 BW, P/Test Tbg To 3000 Psi, Good Test. R/U S/Line Ovrshot RIH & Fish SV. R/D R/Flr, N/D BOP, N/U W/HD, pmp 70 BW W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 15,000 Tension N/U W/-HD, Fill Csg W/-28 BW, P/Test Csg To 1500 Psi, Good Test, R/D Rig, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. Well Ready For MIT (Final Rig Report).
Daily Cost: $0
Cumulative Cost: $24,760

6/8/2012 Day: 3 **Conversion**

Rigless on 6/8/2012 - Conduct initial MIT - On 05/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/07/2012 the casing was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 400 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20702-09554 **Finalized**
Daily Cost: $0
Cumulative Cost: $101,530

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

MAY 03 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED
MAY 09 2012
DIV. OF OIL, GAS & MINING

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

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

RE: Underground Injection Control (UIC)
Additional Well to Boundary Area Permit
EPA UIC Permit UT20702-09554
Well: Tar Sands Federal 2-33-8-17
NWNE Sec. 33-T8S-R17E
Duchesne County, Utah
API No.: 43-013-31867

Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Tar Sands Federal 2-33-8-17 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 Boundary Area Permit No. UT20702-00000 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 Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. 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
Proposed Conversion Wellbore Schematic for Tar Sands Federal 2-33-8-17

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 UT20702-00000

The Boundary UIC Area Permit UT20702-00000, effective February 8, 1994, authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On March 23, 2012, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Tar Sands Federal 2-33-8-17
EPA Permit ID Number:	UT20702-09554
Location:	545' FNL & 1991' FEL NWNE Sec. 33-T8S-R17E Duchesne County, Utah API #43-013-31867

Pursuant to 40 CFR §144.33, Area UIC Permit UT20702-00000 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. UT20702-00000, 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: 5/2/12

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*

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Tar Sands Federal 2-33-8-17
EPA Well ID Number: UT20702-09554

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

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

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

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

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

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is 1,270 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 0.731 psi/ft, SG is 1.015 and D is 4,362 ft.

UIC Area Permit No. UT20702-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However, cementing records, including the cement bond log, have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone. Therefore, a radioactive tracer survey is required.

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

Demonstration of Mechanical Integrity:

(1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.

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

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

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

(1) Isolate the injection zone: Remove down hole apparatus from the well and perform necessary clean out; displace well fluid with plugging gel. Set a cast iron bridge plug

(CIBP) within the innermost casing string no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

(2) Isolate the Trona-Bird's Nest water zone and Mahogany Oil Shale: Perforate and squeeze cement up the backside of the outermost casing string across the Mahogany Oil Shale and Trona-Bird's Nest water zone, from at least 55 ft. above the top of the Trona-Bird's Nest to at least 55 ft. below the base of Mahogany Oil Shale, unless there is existing cement across this interval.

(3) Isolate the Uinta Formation from the Green River Formation: Perforate and squeeze a minimum of 110 ft. cement up the backside of the outermost casing string to isolate the contact between the Uinta Formation and the Green River Formation, unless there is existing cement across this interval. Set a minimum 110 ft. cement plug in the innermost casing string, centered on the contact between the Green River Formation and Uinta Formation.

(4) Isolate Surface Fluid Migration Paths:

a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR

b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND

c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Tar Sands Federal 2-33-8-17
EPA Well ID Number: UT20702-09554

Underground Sources of Drinking Water (USDWs): USDWs in the Lone Tree 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 110 ft. below ground surface in the Lone Tree Federal 11-22-9-17 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 UT20702-00000 and Statement of Basis describe originally in place formation fluid within the injection zone to be greater than 10,000 mg/l Total Dissolved Solids (TDS) content. However, due to injection of relatively fresh water for the purpose of enhanced oil recovery within the permit area, produced water samples showing TDS values less than 10,000 mg/l have occurred and this occurrence has been observed to increase in frequency with time. Newfield has demonstrated and EPA has confirmed that freshening of the injection zone is occurring and that more recent water samples showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

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

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

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

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

Surface Casing: 8-5/8"casing is set at 301 ft. in a 12-1/4" hole, using 140 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,946 ft. in a 7-7/8" hole secured with 570 sacks of cement. Total driller depth is 5,950 ft. Plugged back total depth is 5,894 ft. Estimated EPA top of cement is 2,165 ft.

Perforations: Top perforation: 4,362 ft. Bottom perforation: 5,839 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 2-33-8-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

Tar Sands Federal 1-33-8-17 API: 43-013-31863 NENE Sec. 33-T8S-R17E
UIC Permit UT20702-04514.
Radioactive Tracer Survey: January 4, 2008.

Tar Sands Federal 7-33-8-17 API; 43-013-31860 SWNE Sec. 33-T8S-R17E
UIC Permit UT20952-04516.
Radioactive Tracer Survey: January 8, 2007.
Cement Bond Log analysis: Adequate 80% bond index cement bond in Confining Zone.

Harbourtown Federal 21-33-8-17 API: 43-013-31914 NENW Sec. 33-T8S-R17E
Radioactive Tracer Survey: March 27, 2009.
UIC Permit UT21045-07092.

Tar Sands Federal 10-28-8-17 API: 43-013-32066 NWSE Sec. 28-T8S-R17E
UIC Permit UT20702-08869.
Radioactive Tracer Survey: September 2, 2011.

Tar Sands Federal 15-28-8-17 API: 43-013-32109 SWSE Sec. 28-T8S-R17E
UIC Permit UT20702-04625.

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.

Corrective Action Required on "X" AOR Wells: For each of the following AOR wells, which either do not have top of cement behind the outermost casing string above the base of the Confining Zone or for which EPA does not have evidence of top of cement behind the outermost casing string above the base of the Confining Zone, Newfield shall meet one of the following requirements for each well ***prior to*** commencing injection into the Allen Federal 32-6-9-17 well:

1) for any *injection* well located within the ¼-mile AOR, maintain or provide documentation of a current Part II (external) mechanical integrity demonstration on that AOR well; OR

2) for any injection or producing well, perform corrective action on that AOR well by emplacing cement behind the outermost casing string through the Confining Zone and demonstrating to the satisfaction of the Director that the top of cement is higher than the base of the Confining Zone; OR

3) for any injection or producing well, demonstrate to the satisfaction of the Director that the pressure at the AOR well caused by neighboring injection activity is insufficient to move fluid into a USDW through vertical channels adjacent to the wellbore; OR

4) not commence injection into the Allen Federal 32-6-9-17 well.

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.

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.

Spud Date: 8/23/97
Completed: 9/30/97
Put on Production: 10/10/97
GL: 5110' KB:

Tar Sands Federal #2-33-8-17

Initial Production: 138 BOPD;
132 MCFD; 15 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 7 jts.(299')
DEPTH LANDED: 301' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 140 sxs Premium cmt, est 4 bbls to surf

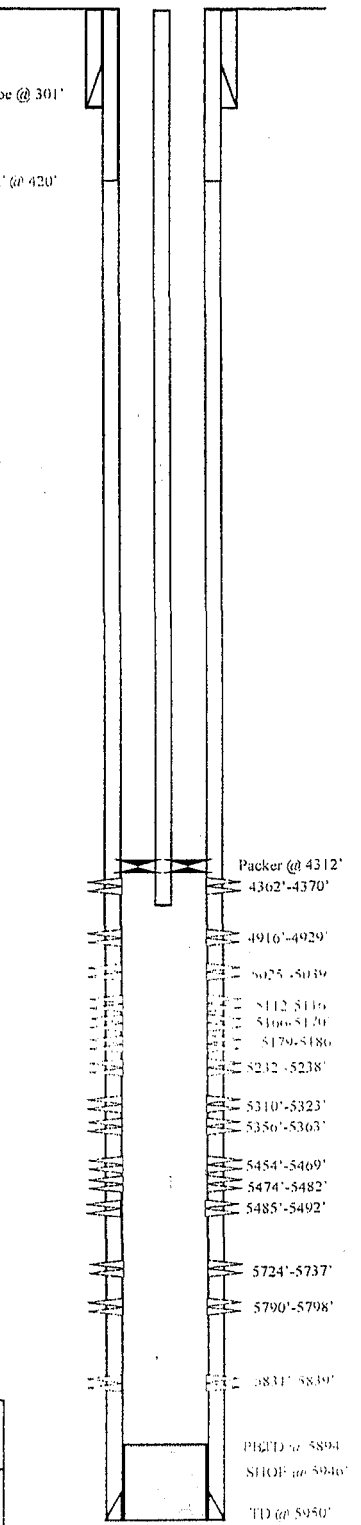
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (5935')
HOLE SIZE: 7-7/8"
CEMENT DATA: 285 sxs Hibond mixed & 285 sxs thixotropic
CEMENT TOP AT: 420'
SET AT: 5946'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
NO. OF JOINTS: 182 jts (5661.52')
TUBING ANCHOR: 5674.52'
NO. OF JOINTS: 2 jts (62.53)
SEATING NIPPLE: 2-7/8"
SN LANDED AT: 5739.85'
NO. OF JOINTS: 2 jts (62.12)
TOTAL STRING LENGTH: EOT @ 5803.52'

Proposed Injection
Wellbore Diagram



FRAC JOB

9/19/97	5724'-5839'	**Frac CP sand as follows:** 120,000# 20/40 sand in 603 bbls of Boragel. Breakdown @ 2046 psi, treated @ avg rate 28.3 bpm w/avg press of 1300 psi. ISIP-1693 psi, 5-min 1508 psi. Start flowback on 12/64" ck for 3 - 1/2 hrs and died
9/21/97	5454'-5492'	**Frac LDC sand as follows:** 77,500# of 20/40 sand in 445 bbls of Boragel. Breakdown @ 3344 psi. Treated @ avg rate 24.4 bpm w/avg press of 2000 psi. ISIP-2404 psi. 5-min 2341 psi. Start flowback on 12/64" ck for 3-1/2 hrs & died
9/24/97	5232'-5363'	**Frac A/B sands as follows:** 141,000# of 20/40 sand in 639 bbls of Boragel. Breakdown @ 2900 psi. Treated @ avg rate 30.15 bpm w/avg press of 2250 psi. ISIP-2535 psi. 5-min 2373 psi. Start flowback on 12/64" ck for 5 - 1/2 hrs & died.
9/26/97	5025'-4929'	**Frac C/D sands as follows:** 141,000# 20/40 sand in 663 bbls Boragel Perfs broke back @ 2427 psi (13 BPM) Treated @ ave press os 2080 psi w/ave rate of 30.2 BPM. ISIP 2810 psi, 5 min: 2773 psi. Flowback on 12/64" ck for 4-1/2 hrs & died
12/5/02		Parted rods. Updated rod and tubing details
12/4/07		Recompletion
12/7/07	5112-5186'	**Frac B.5 & B2 sands as follows:** 44502# 20/40 sand in 441 bbls Lightning 17 frac fluid. Treated @ avg press of 4178 psi w/avg rate of 15.5 BPM. ISIP 4416 psi. Calc flush: 2004 gal. Actual flush: 1252 gal.
12/7/07	4362-4370'	**Frac GB4 sands as follows:** 39422# 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 3953 psi w/avg rate of 15.7 BPM. ISIP 2014 psi. Calc flush: 2754 gal. Actual flush: 1134 gal
12/11/08		Pump Change. Updated rod & tubing details

PERFORATION RECORD

9/16/97	5724'- 5737'	4 JSPF	52 holes
9/16/97	5790'- 5798'	4 JSPF	32 holes
9/16/97	5831'- 5839'	4 JSPF	32 holes
9/20/97	5454'- 5469'	4 JSPF	60 holes
9/20/97	5474'- 5482'	4 JSPF	32 holes
9/20/97	5485'- 5492'	4 JSPF	28 holes
9/23/97	5232'- 5238'	4 JSPF	24 holes
9/23/97	5310'- 5323'	4 JSPF	52 holes
9/23/97	5356'- 5363'	4 JSPF	28 holes
9/25/97	5025'- 5039'	4 JSPF	56 holes
9/25/97	4916'- 4929'	4 JSPF	52 holes
12/07/07	5179-5186'	4 JSPF	28 holes
12/07/07	5166-5170'	4 JSPF	16 holes
12/07/07	5112-5116'	4 JSPF	16 holes

NEWFIELD

Tar Sands Federal #2-33-8-17

545 FNL & 1991 FEL

NWNE Section 33-T8S-R17E

Duchesne Co, Utah

API #43-013-31867; Lease #U-76241

JI 3/20/2012

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-76241

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 Water Injection Well

8. WELL NAME and NUMBER: TAR SANDS FED 2-33

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43013318670000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: MONUMENT BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0545 FNL 1991 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 33 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		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 7/11/2012	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: 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 11:30 AM on 07/11/2012. EPA # UT20702-09554

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
July 16, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 7/11/2012

RECEIVED: Jul. 11, 2012

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8
1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
http://www.epa.gov/region08

JUL 03 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 84052

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

RE: Underground Injection Control (UIC)
Limited Authorization to Inject
EPA UIC Permit UT20702-09554
Well: Tar Sands Federal 2-33-8-17
NWNE Sec. 33-T8S-R17E
Duchesne County, Utah
API No.: 43-013-31867

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) June 8, 2012, 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 UT20702-09554.

As of the date of this letter, Newfield is authorized to commence injection into the Tar Sands Federal 2-33-8-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,270 psig for a limited period of 180 days during which time a Radioactive Tracer Survey (RTS) is required according to UIC Permit UT20702-09554. If Newfield seeks a higher MAIP than 1,270 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of, and to comply with, all conditions of Permit UT20702-09554.

If you have questions regarding the above action, please call Bob Near at (303) 312-6278 or (800) 227-8917, extension 312-6278. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-UIC.

Sincerely,

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

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

Eric Sundberg, Regulatory Analyst
Newfield Production Company

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DEPARTMENT OF NATURAL RESOURCES
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☑ SUBSEQUENT REPORT Date of Work Completion: 1/21/2014	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
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	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☑ OTHER	OTHER: MIT

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

The above subject well had workover procedures performed (tubing leak), attached is a daily status report. Workover MIT performed on the above listed well. On 01/21/2014 the csg was pressured up to 1550 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-09554

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
February 03, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician
SIGNATURE N/A		**DATE** 1/30/2014

RECEIVED: Jan. 30, 2014

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 1 / 21 / 2014
Test conducted by: DUSTIN BENNETT
Others present: Rocky Curry

-09554

Well Name: TAR SANDS FEDERAL 2-33-8-17 Type: ER SWD Status: AC TA UC
Field: GREATER MONUMENT BUTTE
Location: NW/NE Sec: 33 T 8 N/S R 17 E/W County: DUCHESNE State: UT
Operator: NEWFIELD EXPLORATION
Last MIT: / / 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: 0/0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	*PRESSURE*		
Initial Pressure	0 psig	psig	psig
End of test pressure	0 psig	psig	psig
CASING / TUBING	*ANNULUS*	*PRESSURE*	
0 minutes	1561 psig	psig	psig
5 minutes	1559 psig	psig	psig
10 minutes	1558 psig	psig	psig
15 minutes	1556 psig	psig	psig
20 minutes	1554 psig	psig	psig
25 minutes	1552 psig	psig	psig
30 minutes	1550 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	[✓] Pass [ ]Fail	[ ] Pass [ ]Fail	[ ] Pass [ ]Fail

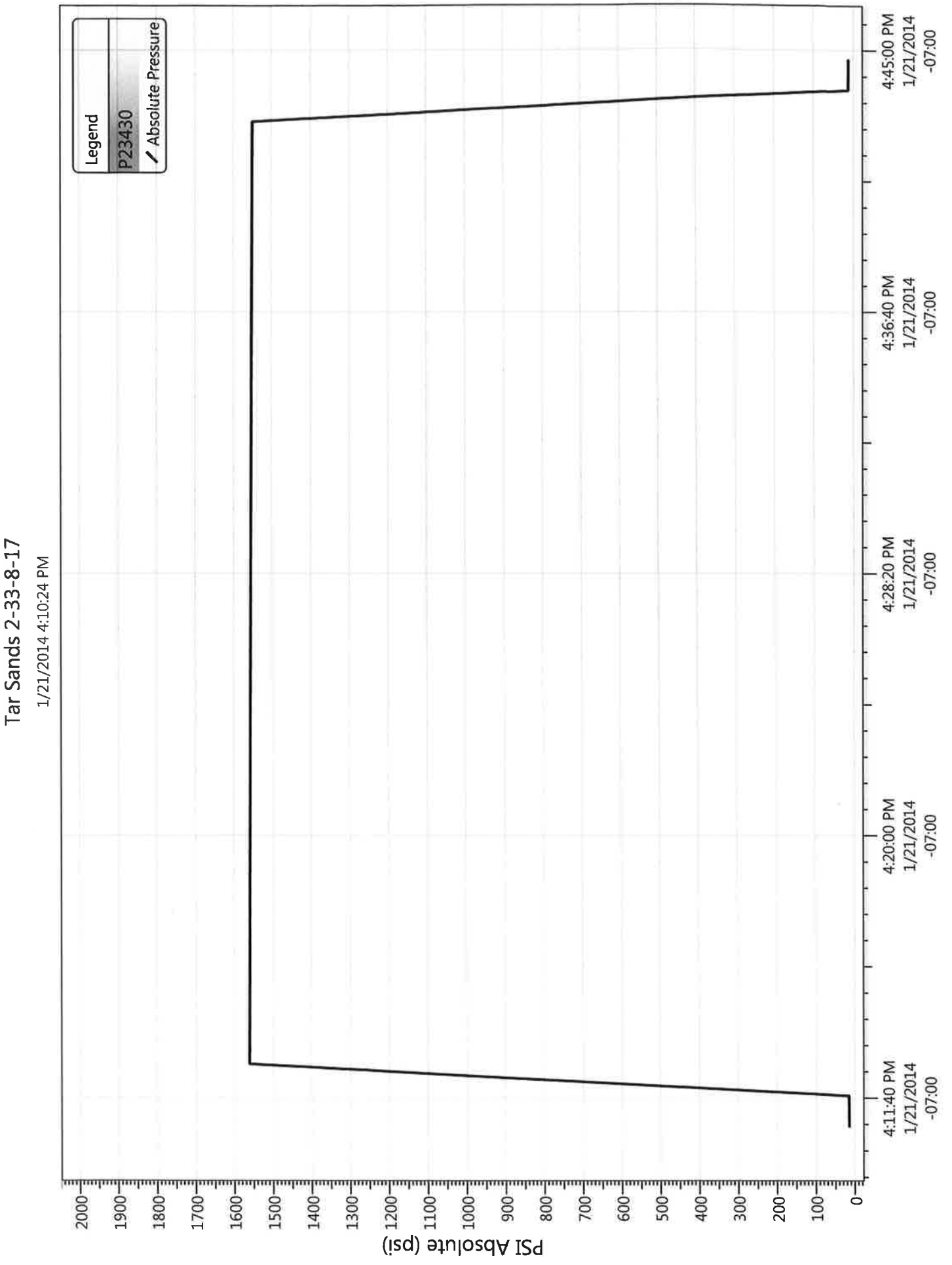
Does the annulus pressure build back up after the test ? [ ] Yes [✓] No

MECHANICAL INTEGRITY PRESSURE TEST

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

_____

Signature of Witness: _____


Tar Sands 2-33-8-17
1/21/2014 4:10:24 PM
Legend
P23430
Absolute Pressure
PSI Absolute (psi)
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
4:11:40 PM 1/21/2014 -07:00
4:20:00 PM 1/21/2014 -07:00
4:28:20 PM 1/21/2014 -07:00
4:36:40 PM 1/21/2014 -07:00
4:45:00 PM 1/21/2014 -07:00

Daily Activity Report

Format For Sundry

TAR SANDS 2-33-8-17

11/1/2013 To 3/28/2014

1/14/2014 Day: 1 **Tubing Leak**

Basic #1584 on 1/14/2014 - Pre trip and road rig. Move shack, spot in T-sill and rig and RU. - CALLED INJECTION FOREMAN AND MAKE PLANS FOR FLOW BACK CREW FOR THE NIGHT , SECURE WELL AND SDFN, TURN OVER TO FLOW BACK CREW - CALLED INJECTION FOREMAN AND MAKE PLANS FOR FLOW BACK CREW FOR THE NIGHT , SECURE WELL AND SDFN, TURN OVER TO FLOW BACK CREW - RU HOT OILER HOSES AND CHECK PSI ON WELL , 1100 PSI ON BOTH THE CSG AND TBG CSG BLEED OFF QUICK , AND TBG FLOWED FOR AWHILE STEADY , FLOWED BACK TILL 2:30 - ROUSTABOUTS ARRIVED AND MOVE SHACK , SPOT IN T-SILL AND RIG AND RU , WAIT FOR ZUBI TANKS - SPOT IN CLOSE TO WELL , AN WAIT FOR ROUSTA BOUT CREW TA ARRIVE AND PU SHACK OFF WELL - RU HOT OILER HOSES AND CHECK PSI ON WELL , 1100 PSI ON BOTH THE CSG AND TBG CSG BLEED OFF QUICK , AND TBG FLOWED FOR AWHILE STEADY , FLOWED BACK TILL 2:30 - ROUSTABOUTS ARRIVED AND MOVE SHACK , SPOT IN T-SILL AND RIG AND RU , WAIT FOR ZUBI TANKS - SPOT IN CLOSE TO WELL , AN WAIT FOR ROUSTA BOUT CREW TA ARRIVE AND PU SHACK OFF WELL - Travel to location - PRE TRIP AND ROAD RIG TO THE 2-33-8-17, ROAD RIG , ARRIVE AT THE 2-33-8-17 @ 9:30 A.M - Travel - Travel - Travel to location - PRE TRIP AND ROAD RIG TO THE 2-33-8-17, ROAD RIG , ARRIVE AT THE 2-33-8-17 @ 9:30 A.M **Finalized**
Daily Cost: $0
Cumulative Cost: $8,183

1/15/2014 Day: 2 **Tubing Leak**

Basic #1584 on 1/15/2014 - NU BOPS RU FLOOR AND PU AND UNSET PACKER , FLUSH TBG W/ 25 BBLS AND DROP STANDING VALVE , PSI TEST NO TEST, POOH W/ TBG FOUND HOLE IN JT 13 AND LAY DOWN JT - TRAVEL - BLEED OFF TBG AND ND WELL HEAD , AND NU BOPS , RU FLOOR AND PU AND UNSET PACKER , FLUSH TBG W/ 25 BBLS AND DROP STANDING VALVE , PSI TEST NO TEST, POOH W/ TBG FOUND HOLE IN JT 13 AND LAY DOWN JT, RU HOT OILER AND TEST TBG , PSI UP TO 2200 AND BLEW A HOLE , POOH TO JT 15 AND LAY DOWN JT WITH HOLE IN IT , RU HOT HOT OILER AND TEST TBG AGAIN AND BLEW ANOTHER HOLE POOH TO JT 18 AND LAY DOWN , RIH WITH ALL THE TBG OUT OF DERRICK AND MAKE PHONE CALLS TO HAVE TBG SCANNED OUT OF HOLE , PRS SCANNERS WHERE UNAVAILIBLE TODAY COULD BE THERE THE NEXT MORNING , SECURE WELL AND SDFN - BLEED OF THE 300 PSI ON CSG AND TBG , AND WAIT FOR WATER TRUCK - TRAVEL TO LOCATION - JSA NU BOPS - BLEED OF THE 300 PSI ON CSG AND TBG , AND WAIT FOR WATER TRUCK - BLEED OFF TBG AND ND WELL HEAD , AND NU BOPS , RU FLOOR AND PU AND UNSET PACKER , FLUSH TBG W/ 25 BBLS AND DROP STANDING VALVE , PSI TEST NO TEST, POOH W/ TBG FOUND HOLE IN JT 13 AND LAY DOWN JT, RU HOT OILER AND TEST TBG , PSI UP TO 2200 AND BLEW A HOLE , POOH TO JT 15 AND LAY DOWN JT WITH HOLE IN IT , RU HOT HOT OILER AND TEST TBG AGAIN AND BLEW ANOTHER HOLE POOH TO JT 18 AND LAY DOWN , RIH WITH ALL THE TBG OUT OF DERRICK AND MAKE PHONE CALLS TO HAVE TBG SCANNED OUT OF HOLE , PRS SCANNERS WHERE UNAVAILIBLE TODAY COULD BE THERE THE NEXT MORNING , SECURE WELL AND SDFN - TRAVEL - TRAVEL TO LOCATION - JSA NU BOPS
Finalized
Daily Cost: $0
Cumulative Cost: $15,189

1/16/2014 Day: 3 **Tubing Leak**

Basic #1584 on 1/16/2014 - RU 3RD PARTY PRS TBG SCANNERS , AND START SCANNING OUT OF HOLE LAYING DOWN BAD JTS - JSA BLEED OFF WELL - TRAVEL TO LOCATION - RU HOT OILER AND STEAM TIW VALVE AND CSG VALVE AND BLEED OFF WELL , RU 3RD PARTY PRS TBG SCANNERS , AND START SCANNING OUT OF HOLE LAYING DOWN BAD JTS , LAY DOWN BHA , RD SCANNERS AND MU NEW BHA AND TALLY IN HOLE WTBG AND BREAK ALL CONNECTIONS AND REDOPE W/ GREEN DOPE , RIH W/ 50 JTS AND SECURE WELL AND SDFN WAITING FOR NEW TBG TRAILER - JSA BLEED OFF WELL - TRAVEL TO LOCATION - RU HOT OILER AND STEAM TIW VALVE AND CSG VALVE AND BLEED OFF WELL , RU 3RD PARTY PRS TBG SCANNERS , AND START SCANNING OUT OF HOLE LAYING DOWN BAD JTS , LAY DOWN BHA , RD SCANNERS AND MU NEW BHA AND TALLY IN HOLE WTBG AND BREAK ALL CONNECTIONS AND REDOPE W/ GREEN DOPE , RIH W/ 50 JTS AND SECURE WELL AND SDFN WAITING FOR NEW TBG TRAILER - TRAVEL - TRAVEL
Daily Cost: $0
Cumulative Cost: $23,368

1/17/2014 Day: 4 **Tubing Leak**

Basic #1584 on 1/17/2014 - RU HOT OILER, OPEN BOPS DROP SV. NO TEST. TRY AND CHASE DOWN W/ SANDLINE NO LUCK POOH W/ TBG FIND STANDING VALVE 2 JTS DOWN TBG IS CRIMPED , LAY DOWN AND TRY AGAIN - JSA BLEED OFF WELL , RU HOT OILER AND STEAM ON VALVES , OPEN BOPS AND CONTINUE IN HOLE W/ 29 MORE JTS OFF TRAILLER, DROP STANDING VALVE WITH THE 79 NEW YELLOW BAND JTS IN HOLE , NO TEST , TRY AND CHASE DOWN W/ SANDLINE NO LUCK POOH W/ TBG FIND STANDING VALVE 2 JTS DOWN TBG IS CRIMPED , LAY DOWN AND TRY AGAIN , NO LUCK POOH 6 JT S AND TBG CRIMPED AGAIN , RIG CREW DID THIS SEVERAL TIMES AND LAYED DOWN A TOTAL OF 20 JTS OF THE 79 ON THE TRAILER DUE TO TBG BEING CRIMPED , (CAUSE OF THIS IS WEAK 2 7/8 " J-55 YELLOW BAND TBG , DURING THE BREAK OF THE COLLARS TO REDOPE W/ GREEN DOPE ,) RIH W/ BHA AND 59 JTS OF TBG THAT WAS GOOD OUT OF DERRICK AND DROP STANDING VALVE AGAIN AND TEST GOOD TEST , SECURE WELL AND SDFN - Travel to location - Travel - JSA BLEED OFF WELL , RU HOT OILER AND STEAM ON VALVES , OPEN BOPS AND CONTINUE IN HOLE W/ 29 MORE JTS OFF TRAILLER, DROP STANDING VALVE WITH THE 79 NEW YELLOW BAND JTS IN HOLE , NO TEST , TRY AND CHASE DOWN W/ SANDLINE NO LUCK POOH W/ TBG FIND STANDING VALVE 2 JTS DOWN TBG IS CRIMPED , LAY DOWN AND TRY AGAIN , NO LUCK POOH 6 JT S AND TBG CRIMPED AGAIN , RIG CREW DID THIS SEVERAL TIMES AND LAYED DOWN A TOTAL OF 20 JTS OF THE 79 ON THE TRAILER DUE TO TBG BEING CRIMPED , (CAUSE OF THIS IS WEAK 2 7/8 " J-55 YELLOW BAND TBG , DURING THE BREAK OF THE COLLARS TO REDOPE W/ GREEN DOPE ,) RIH W/ BHA AND 59 JTS OF TBG THAT WAS GOOD OUT OF DERRICK AND DROP STANDING VALVE AGAIN AND TEST GOOD TEST , SECURE WELL AND SDFN - Travel to location - Travel
Daily Cost: $0
Cumulative Cost: $25,618

1/27/2014 Day: 8 **Tubing Leak**

Basic #1584 on 1/27/2014 - Conduct MIT - TRAVEL TO LOCATION - TRAVEL TO LOCATION - TRAVEL TO LOCATION - TRAVEL TO LOCATION - JSA RIH W/ TBG - JSA RIH W/ TBG - JSA RIH W/ TBG - JSA RIH W/ TBG - RU HOT OILER AND STEAM TIW AND CSG VALVES, THAW THEM OUT , WAIT FOR NEWFEILD GUYS TO ARRIVE AND AND INSPECT TBG THAT WAS CRIMPED , AND MAKE DECISION ON WHAT TO DO NEXT , MOVE FORWARD AND TALLY ORIGINAL TBG IN BACK INTO HOLE AND WAIT FOR MORE TBG FROM RUNNERS , TBG ARRIVE AND TALLY AND PU 20 JTS NEEDED TO MAKE DEPTH , PRESSURE TEST AGAIN AND WATCH FOR 30 MIN ON TBG @ 3000 PSI GOOD TEST , AND PUMP PACKER FLUID , RD FLOOR AND ND BOPS , PU AND SET PACKER W/ 18,000 # AND PACK OFF AND LAND TBG ON WELL HEAD , RU HOT OILER

AND TEST CSG TO 1500 PSI , NO TEST , TRY SEVERAL TIMES AND STILL NO LUCK , , MAKE PHONE CALLS TO GET MORE INFO SUCH AS CSG COLLARS ETC, NO ANSWERS SECURE WELL AND SDFN - RU HOT OILER AND STEAM TIW AND CSG VALVES, THAW THEM OUT , WAIT FOR NEWFEILD GUYS TO ARRIVE AND AND INSPECT TBG THAT WAS CRIMPED , AND MAKE DECISION ON WHAT TO DO NEXT , MOVE FORWARD AND TALLY ORIGINAL TBG IN BACK INTO HOLE AND WAIT FOR MORE TBG FROM RUNNERS , TBG ARRIVE AND TALLY AND PU 20 JTS NEEDED TO MAKE DEPTH , PRESSURE TEST AGAIN AND WATCH FOR 30 MIN ON TBG @ 3000 PSI GOOD TEST , AND PUMP PACKER FLUID , RD FLOOR AND ND BOPS , PU AND SET PACKER W/ 18,000 # AND PACK OFF AND LAND TBG ON WELL HEAD , RU HOT OILER AND TEST CSG TO 1500 PSI , NO TEST , TRY SEVERAL TIMES AND STILL NO LUCK , , MAKE PHONE CALLS TO GET MORE INFO SUCH AS CSG COLLARS ETC, NO ANSWERS SECURE WELL AND SDFN - RU HOT OILER AND STEAM TIW AND CSG VALVES, THAW THEM OUT , WAIT FOR NEWFEILD GUYS TO ARRIVE AND AND INSPECT TBG THAT WAS CRIMPED , AND MAKE DECISION ON WHAT TO DO NEXT , MOVE FORWARD AND TALLY ORIGINAL TBG IN BACK INTO HOLE AND WAIT FOR MORE TBG FROM RUNNERS , TBG ARRIVE AND TALLY AND PU 20 JTS NEEDED TO MAKE DEPTH , PRESSURE TEST AGAIN AND WATCH FOR 30 MIN ON TBG @ 3000 PSI GOOD TEST , AND PUMP PACKER FLUID , RD FLOOR AND ND BOPS , PU AND SET PACKER W/ 18,000 # AND PACK OFF AND LAND TBG ON WELL HEAD , RU HOT OILER AND TEST CSG TO 1500 PSI , NO TEST , TRY SEVERAL TIMES AND STILL NO LUCK , , MAKE PHONE CALLS TO GET MORE INFO SUCH AS CSG COLLARS ETC, NO ANSWERS SECURE WELL AND SDFN - RU HOT OILER AND STEAM TIW AND CSG VALVES, THAW THEM OUT , WAIT FOR NEWFEILD GUYS TO ARRIVE AND AND INSPECT TBG THAT WAS CRIMPED , AND MAKE DECISION ON WHAT TO DO NEXT , MOVE FORWARD AND TALLY ORIGINAL TBG IN BACK INTO HOLE AND WAIT FOR MORE TBG FROM RUNNERS , TBG ARRIVE AND TALLY AND PU 20 JTS NEEDED TO MAKE DEPTH , PRESSURE TEST AGAIN AND WATCH FOR 30 MIN ON TBG @ 3000 PSI GOOD TEST , AND PUMP PACKER FLUID , RD FLOOR AND ND BOPS , PU AND SET PACKER W/ 18,000 # AND PACK OFF AND LAND TBG ON WELL HEAD , RU HOT OILER AND TEST CSG TO 1500 PSI , NO TEST , TRY SEVERAL TIMES AND STILL NO LUCK , , MAKE PHONE CALLS TO GET MORE INFO SUCH AS CSG COLLARS ETC, NO ANSWERS SECURE WELL AND SDFN - TRAVEL - TRAVEL - TRAVEL - TRAVEL - TRAVEL TO LOCATION - TRAVEL TO LOCATION - TRAVEL TO LOCATION - TRAVEL TO LOCATION - JSA NU BOPS AND POOH W/ TBG - JSA NU BOPS AND POOH W/ TBG - JSA NU BOPS AND POOH W/ TBG - JSA NU BOPS AND POOH W/ TBG - TEST CSG A FEW MORE TIMES , AND WAITING FOR WATER TRUCK TO ARRIVE - TEST CSG A FEW MORE TIMES , AND WAITING FOR WATER TRUCK TO ARRIVE - TEST CSG A FEW MORE TIMES , AND WAITING FOR WATER TRUCK TO ARRIVE - TEST CSG A FEW MORE TIMES , AND WAITING FOR WATER TRUCK TO ARRIVE - WATER TRUCK ARRIVED AND UNLOAD INTO ZUBI TANK - WATER TRUCK ARRIVED AND UNLOAD INTO ZUBI TANK - WATER TRUCK ARRIVED AND UNLOAD INTO ZUBI TANK - WATER TRUCK ARRIVED AND UNLOAD INTO ZUBI TANK - PUT WATER TRUCK ON CELLAR BLEED OFF WELL TO CELLAR , AND ND WELL HEAD AND NU BOPS , RU FLOOR AND UNSET PACKER , AND TALLY OUT OF HOLE W/ TBG , POOH W / 139 JTS , (NOTE THERE WAS ONLY SUPOSE TO BE 136 JTS IN THE HOLE ??, MU NEW PACKER AND RIH W/ TBG , FLUSH TBG AND RETEST TBG TO 3000 # AND HOLD FOR 30 MIN , GOOD TEST , RIH AND RETREIVE STANDING VALVE , , RD FLOOR AND ND BOPS LAND TBG ON WELL HEAD AND SECURE WELL AND SDFN - PUT WATER TRUCK ON CELLAR BLEED OFF WELL TO CELLAR , AND ND WELL HEAD AND NU BOPS , RU FLOOR AND UNSET PACKER , AND TALLY OUT OF HOLE W/ TBG , POOH W / 139 JTS , (NOTE THERE WAS ONLY SUPOSE TO BE 136 JTS IN THE HOLE ??, MU NEW PACKER AND RIH W/ TBG , FLUSH TBG AND RETEST TBG TO 3000 # AND HOLD FOR 30 MIN , GOOD TEST , RIH AND RETREIVE STANDING VALVE , , RD FLOOR AND ND BOPS LAND TBG ON WELL HEAD AND SECURE WELL AND SDFN - PUT WATER TRUCK ON CELLAR BLEED OFF WELL TO CELLAR , AND ND WELL HEAD AND NU BOPS , RU FLOOR AND UNSET PACKER , AND TALLY OUT OF HOLE W/ TBG , POOH W / 139 JTS , (NOTE THERE WAS ONLY SUPOSE TO BE 136 JTS IN THE HOLE ??, MU NEW PACKER AND RIH W/ TBG , FLUSH TBG AND RETEST TBG TO 3000 # AND HOLD FOR 30 MIN , GOOD TEST , RIH AND RETREIVE STANDING VALVE , , RD FLOOR AND ND BOPS LAND TBG ON WELL HEAD AND SECURE WELL AND SDFN - PUT WATER TRUCK ON CELLAR BLEED OFF WELL TO CELLAR , AND ND WELL HEAD AND NU BOPS , RU FLOOR AND UNSET PACKER ,

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Daily Cost: $0
Cumulative Cost: $44,695

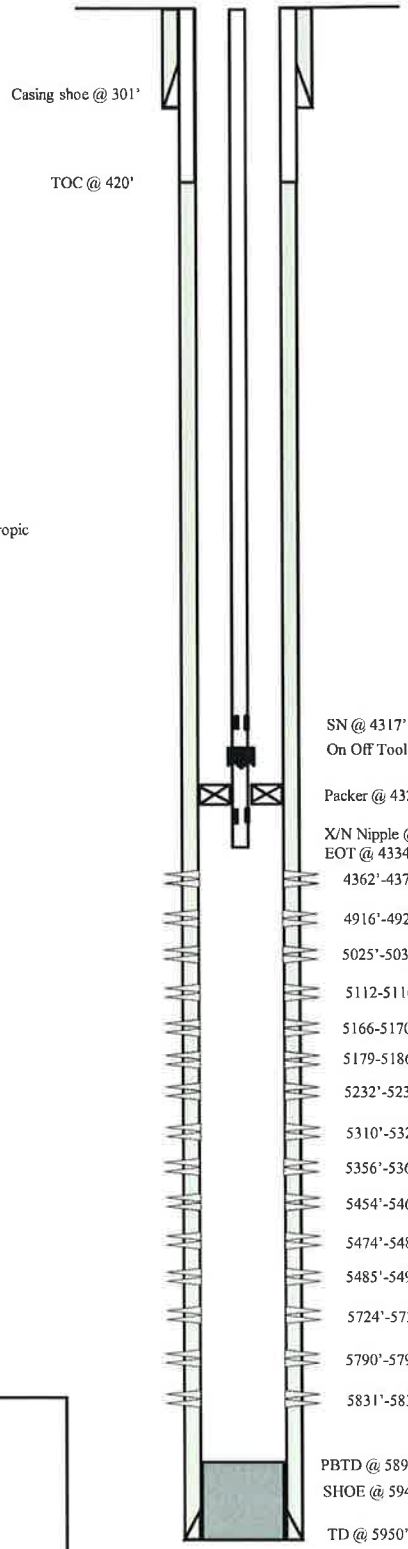
Pertinent Files: Go to File List

Tar Sands Federal 2-33-8-17

Spud Date: 8/23/97
Put on Production: 10/10/97
GL: 5110' KB: 5120'

Initial Production: 138 BOPD; 132 MCFD; 15 BWPD

Injection Wellbore Diagram



SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT:24#
LENGTH: 7 jts.(299')
DEPTH LANDED: 301' KB
HOLE SIZE:12-1/4"
CEMENT DATA: 140 sxs Premium cmt, est 4 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 140 jts. (5935')
HOLE SIZE: 7-7/8"
CEMENT DATA: 285 sxs Hibond mixed & 285 sxs thixotropic
CEMENT TOP AT: 420'
SET AT: 5946'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 136 jts (4303.8')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4316.8' KB
ON/OFF TOOL AT: 4317.9'
ARROW #1 PACKER CE AT: 4323.99'
XO 2-3/8 x 2-7/8 J-55 AT: 4327.7'
TBG PUP 2-3/8 J-55 AT: 4328.1'
X/N NIPPLE AT: 4332.2'
TOTAL STRING LENGTH: EOT @ 4334.05'

FRAC JOB

9/19/97	5724'-5839'	**Frac CP sand as follows:** 120,000# 20/40 sand in 603 bbls of Boragel. Breakdown @ 2046 psi, treated @ avg rate 28.3 bpm w/avg press of 1300 psi. ISIP-1693 psi, 5-min 1508 psi. Start flowback on 12/64" ck for 3 - 1/2 hrs and died.
9/21/97	5454'-5492'	**Frac LDC sand as follows:** 77,500# of 20/40 sand in 445 bbls of Boragel. Breakdown @ 3344 psi. Treated @ avg rate 24.4 bpm w/avg press of 2000 psi. ISIP-2404 psi. 5-min 2341 psi. Start flowback on 12/64" ck for 3-1/2 hrs & died.
9/24/97	5232'-5363'	**Frac A/B sands as follows:** 141,000# of 20/40 sand in 639 bbls of Boragel. Breakdown @ 2900 psi. Treated @ avg rate 30.15 bpm w/avg press of 2250 psi. ISIP-2535 psi. 5-min 2373 psi. Start flowback on 12/64" ck for 5 - 1/2 hrs & died.
9/26/97	4916-5039'	**Frac C/D sands as follows:** 141,000# 20/40 sand in 663 bbls Boragel Perfs broke back @ 2427 psi (13 BPM). Treated @ ave press os 2080 psi w/ave rate of 30.2 BPM. ISIP: 2810 psi, 5 min: 2773 psi. Flowback on 12/64" ck for 4-1/2 hrs & died.
12/5/02		**Parted rods.** Updated rod and tubing details.
12/4/07		**Recompletion**
12/7/07	5112-5186'	**Frac B.5 & B2 sands as follows:** 44502# 20/40 sand in 441 bbls Lightning 17 frac fluid. Treated @ avg press of 4178 psi w/avg rate of 15.5 BPM. ISIP 4416 psi. Calc flush: 2004 gal. Actual flush: 1252 gal.
12/7/07	4362-4370'	**Frac GB4 sands as follows:** 39422# 20/40 sand in 380 bbls Lightning 17 frac fluid. Treated @ avg press of 3953 psi w/avg rate of 15.7 BPM. ISIP 2014 psi. Calc flush: 2754 gal. Actual flush: 1134 gal.
12/11/08		**Pump Change.** Updated rod & tubing details.
05/03/12		**Convert to Injection Well**
06/07/12		**Conversion MIT Finalized** – update tbg detail
01/21/14		**Workover MIT Completed – Tubing Leak** – update tbg detail

PERFORATION RECORD

9/16/97	5724'- 5737'	4 JSPF	52 holes
9/16/97	5790'- 5798'	4 JSPF	32 holes
9/16/97	5831'- 5839'	4 JSPF	32 holes
9/20/97	5454'- 5469'	4 JSPF	60 holes
9/20/97	5474'- 5482'	4 JSPF	32 holes
9/20/97	5485'- 5492'	4 JSPF	28 holes
9/23/97	5232'- 5238'	4 JSPF	24 holes
9/23/97	5310'- 5323'	4 JSPF	52 holes
9/23/97	5356'- 5363'	4 JSPF	28 holes
9/25/97	5025'- 5039'	4 JSPF	56 holes
9/25/97	4916'- 4929'	4 JSPF	52 holes
12/07/07	5179-5186'	4 JSPF	28 holes
12/07/07	5166-5170'	4 JSPF	16 holes
12/07/07	5112-5116'	4 JSPF	16 holes

NEWFIELD

Tar Sands Federal 2-33-8-17
545 FNL & 1991 FEL
NWNE Section 33-T8S-R17E
Duchesne Co, Utah
API #43-013-31867; Lease #U-76241

LCN 01/29/14