



PRODUCTION COMPANY
A Subsidiary of Inland Resources Inc.

October 12, 2001

State of Utah
Division of Oil, Gas & Mining
Attn: Brad Hill
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 2-16-9-17, 7-16-9-17, 8-16-9-17, and
14-16-9-17.

Dear Brad:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

Mandie Crozier
Permit Clerk

mc
enclosures

RECEIVED

OCT 15 2001

**DIVISION OF
OIL, GAS AND MINING**

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
ML-3453B

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK DRILL DEEPEN

1b. TYPE OF WELL

OIL GAS OTHER SINGLE ZONE MULTIPLE ZONE

7. UNIT AGREEMENT NAME
Lone Tree Unit

8. FARM OR LEASE NAME
Lone Tree Unit

2. NAME OF OPERATOR
Inland Production Company

9. WELL NO.
#2-16-9-17

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

10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (FOOTAGE)
 At Surface **NW/NE 1775' FEL 526' FNL**
 At proposed Producing Zone **4432100 N
 584655 E**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
**NW/NE
 Sec. 16, T9S, R17E**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 17.3 Miles southeast of Myton, UT

12. County 13. STATE
Duchesne UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
Approx 526' f/lse line & 526' f/unit line

16. NO. OF ACRES IN LEASE
2,200

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
Approximately 1,111'

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5250.8' GR

22. APPROX. DATE WORK WILL START*
4th Quarter 2001

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen, give blowout preventer program, if any.

RECEIVED

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

OCT 15 2001

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
 Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

DIVISION OF
 OIL, GAS AND MINING

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
 Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
 Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24. Name & Signature *Brad Mechem* Title: Operations Manager Date: 3/7/01
Brad Mechem

(This space for State use only)

API Number Assigned: 43-013-32309 APPROVAL: _____

**Approved by the
 Utah Division of
 Oil, Gas and Mining**
 Date: 11-05-01
 By: [Signature]

T9S, R17E, S.L.B.&M.

INLAND PRODUCTION COMPANY

N89°58'W - 79.94 (G.L.O.)

N89°57'41"W - 2640.72' (Meas.)

N89°57'41"W - 2640.72' (Meas.)

1910
Brass Cap

Corner Missing
Position
Re-established
(Not Set)

1910
Brass Cap

N00°02'50"W - 2641.94' (Meas.)

526'

1775'

1910
Basis of Bearings

2639.54' (Measured)

N0°02'W (G.L.O.)

2646.14' (Meas.)

N00°00'51"E - 2646.14' (Meas.)

N0°03'W (G.L.O.)

N00°03'14"W - 2642.65' (Meas.)

1910
Brass Cap

16

1910
Brass Cap

WELL LOCATION:
LONE TREE #2-16-9-17
ELEV. UNGRADED GROUND = 5250.8'

1910
Brass Cap

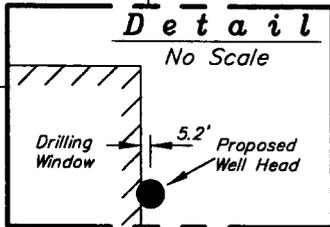
1910
Brass Cap

1910
Brass Cap

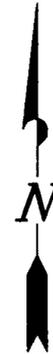
N89°58'14"W - 2638.86' (Meas.)

N89°55'42"W - 2638.79' (Meas.)

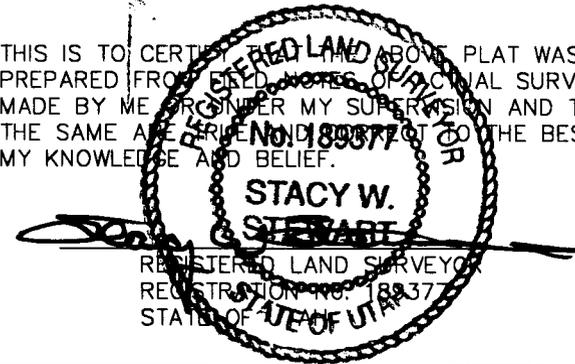
N89°59'W - 79.98 (G.L.O.)



DRILLING WINDOW
See Detail At Left



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.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: D.J.S. R.J.

DATE: 2-9-01

WEATHER: COLD

NOTES:

FILE #

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

October 19, 2001

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2001 Plan of Development Lone Tree Unit
Duchesne County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2001 within the Lone Tree Unit, Duchesne County, Utah.

(Proposed PZ Green River)

43-013-32309 Lone Tree U 2-16-9-17 Sec. 16, T9S, R17E 0526 FNL 1775 FEL
43-013-32310 Lone Tree U 7-16-9-17 Sec. 16, T9S, R17E 1980 FNL 1980 FEL
43-013-32311 Lone Tree U 8-16-9-17 Sec. 16, T9S, R17E 1980 FNL 0660 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Greater Boundary
Division of Oil Gas and Mining
Agr. Sec. Chron
Fluid Chron

Mcoulthard:mc:10-19-1

INLAND PRODUCTION COMPANY
LONE TREE UNIT 2-16-9-17
NWNE SECTION 16, T9S, R17E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

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

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

Green River Formation 1700' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 290' (New)
Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

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

The operator's minimum specifications for pressure control equipment are as follows:

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

Refer to **Exhibit F** for a diagram of BOP equipment that will be used on this well.

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

The well will be drilled with air/mist system to 3200', then from 3200' +/- to TD with 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. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

AIR DRILLING

In the event that the proposed location is to be "Air Drilled", Inland requests a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90-degree turns. Inland also requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

MUD PROGRAM

Surface – 3200'
3200' – TD'

MUD TYPE

fresh water or air/mist system
fresh water system

From surface to ± 3200 feet will be drilled with either fresh water or an air/mist system, depending on the drilling contractor's preference. From about 3200 feet, or in the case of the air/mist system when hole conditions dictate, to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

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:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 290' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

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; or that any other abnormal hazards such as H2S will be encountered in this area.

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

It is anticipated that the drilling operations will commence the fourth quarter of 2001, and take approximately seven (7) days from spud to rig release.

INLAND PRODUCTION COMPANY
LONE TREE UNIT 2-16-9-17
NWNE SECTION 16, T9S, R17E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. EXISTING ROADS

See attached **Topographic Map "A"**

To reach Inland Production Company well location site Lone Tree Unit 2-16-9-17 located in the NW¼ NE¼ Section 16, T9S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed in a southwesterly direction out of Myton, Utah along Highway 40 approximately 1.6 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.7 miles to its junction with State Highway 216, remain on State Highway 53 and continue in a southwesterly direction for another 9.7 miles, turn south on existing dirt road, proceed southerly 1.3 miles to an existing dirt road, proceed easterly .5 miles to the 3-16 access road, proceed southeasterly through the 3-16 well site to the beginning of the proposed access road of the Beluga 2-16.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, 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 for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, 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

Approximately 850' of access road is proposed. See attached **Topographic Map "B"**.

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

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

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

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

3. **LOCATION OF EXISTING WELLS**

Refer to **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 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State 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**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Inland Production Company's injection facilities – **EXHIBIT C**.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

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

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (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. All drilling fluids will be fresh water based, 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 required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

A portable toilet will be provided for human waste.

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

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-

injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES:**

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

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

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 centered 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 recontoured to the approximated natural contours. Weather permitting, 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.

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 State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

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 State 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 State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey will be forthcoming.

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. 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 Lone Tree Unit 2-16-9-17, Inland 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 Lone Tree Unit 2-16-9-17 Inland 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 State office at (801) 722-3417, 48 hours prior to construction activities.

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

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

Representative

Name: Mike Guinn
Address: Inland Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that INLAND RESOURCES, INC. is considered to be the operator of well #2-16-9-17, NWNE Section 16, T9S, R17E, LEASE #ML-3453B, 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 #4471291.

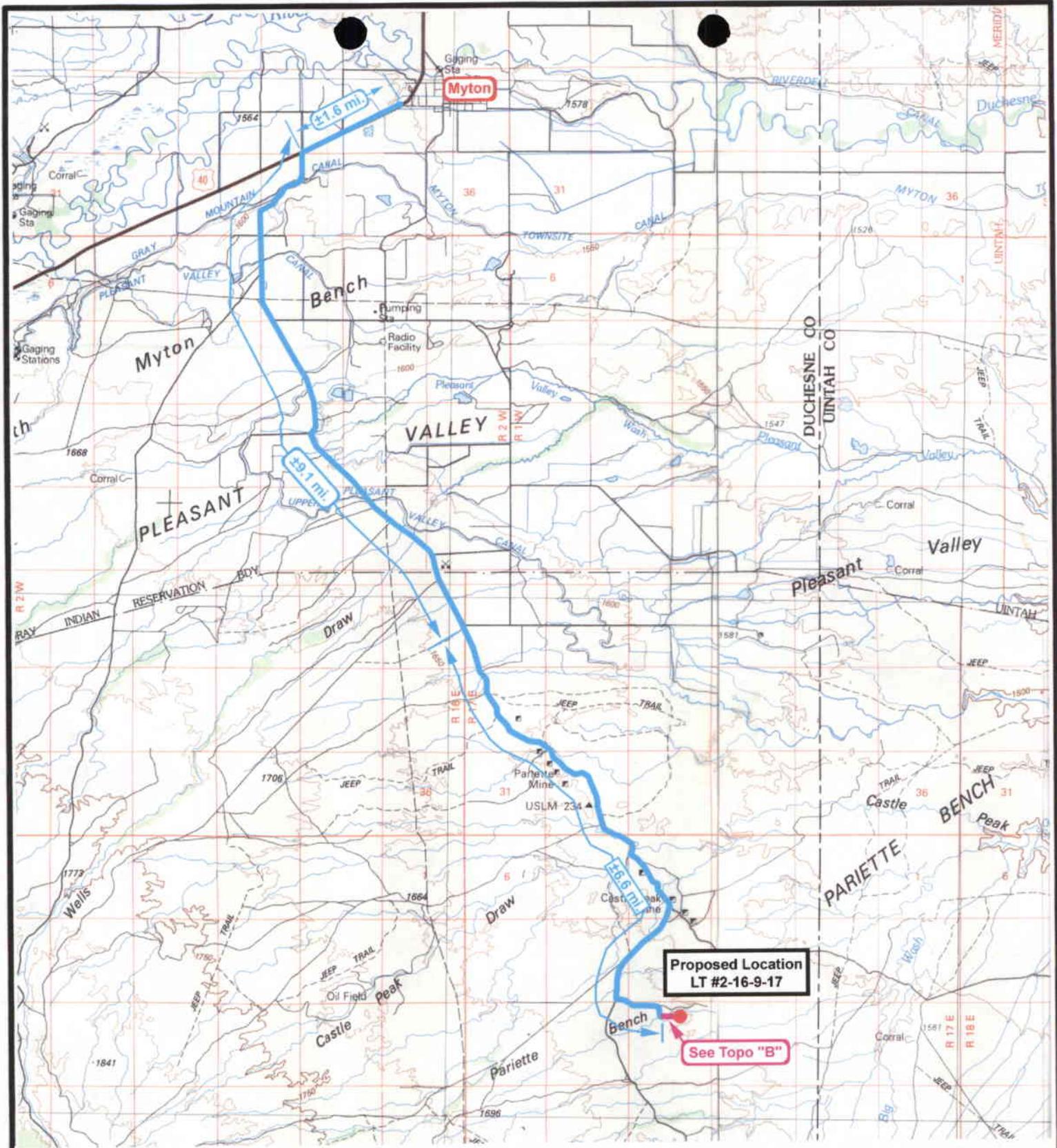
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will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

Date

3/7/01



Brad Mecham
Operations Manager
Inland Production Company



**Lone Tree #2-16-9-17
SEC. 16, T9S, R17E, S.L.B.&M.**

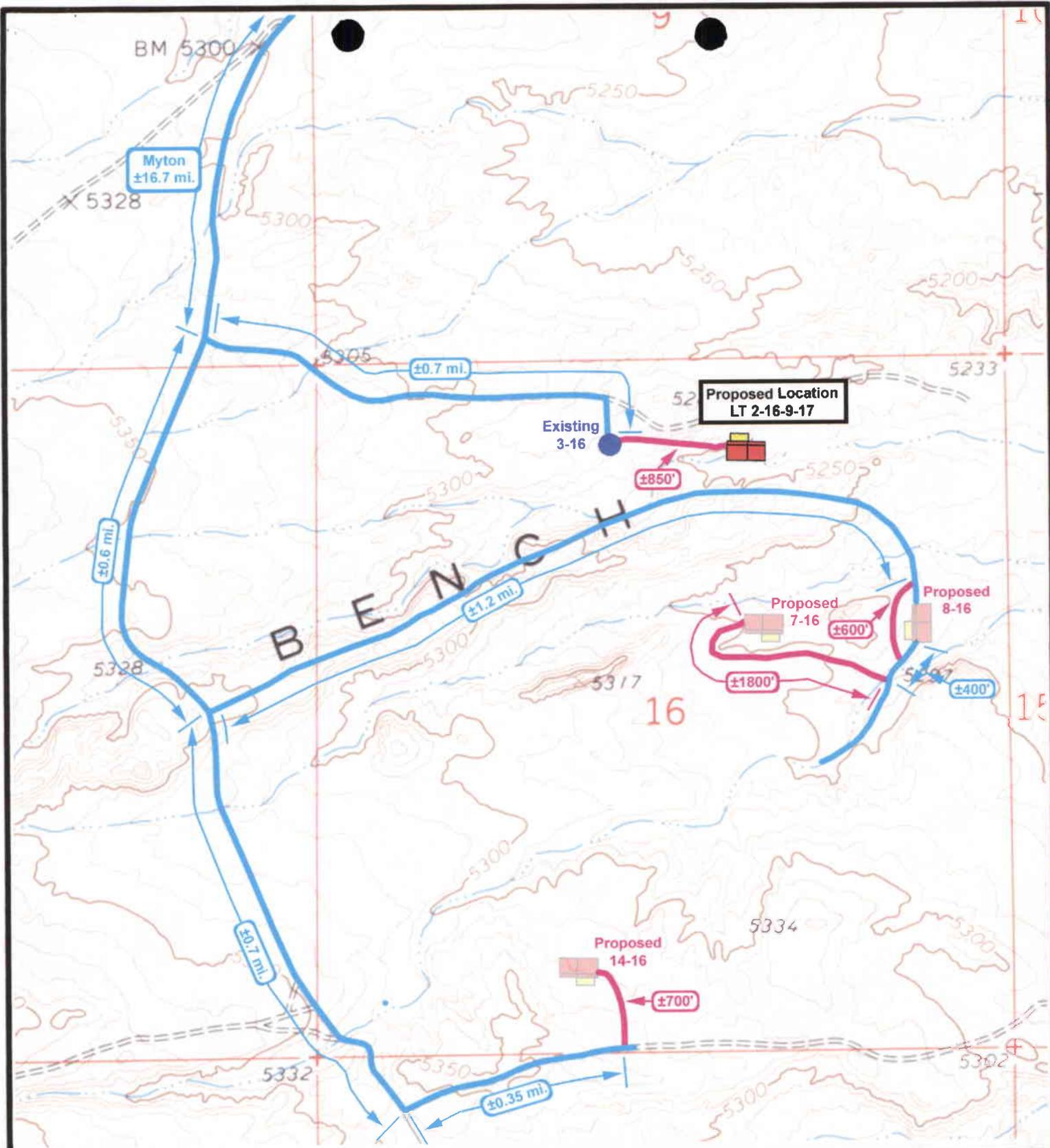


**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1 : 100,000
DRAWN BY: bgm
DATE: 02-12-2001

Legend	
	Existing Road
	Proposed Access
	Existing Pipeline
	Proposed Pipeline

TOPOGRAPHIC MAP
"A"



**Lone Tree #2-16-9-17
SEC. 16, T9S, R17E, S.L.B.&M.**



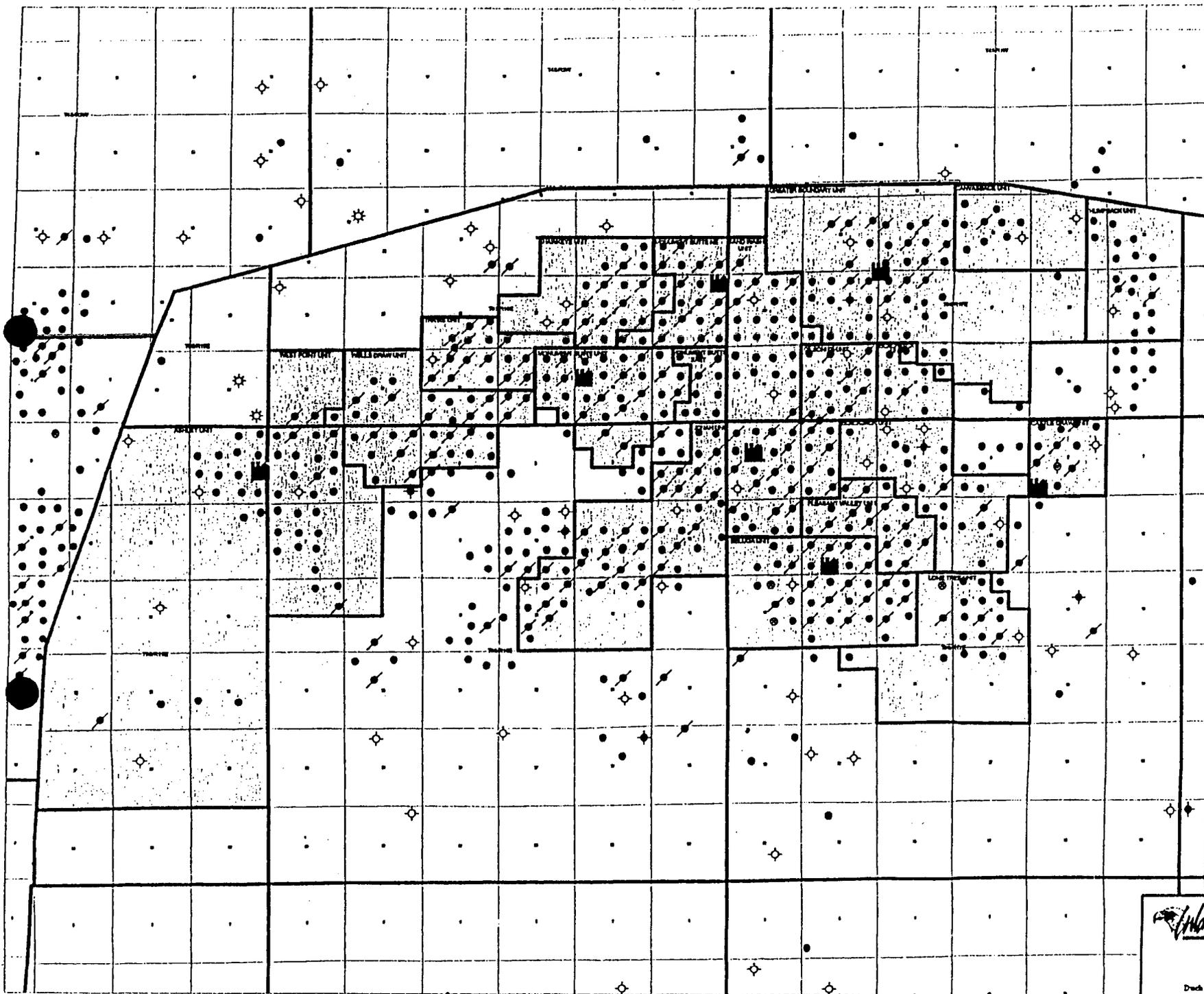
**Tri-State
Land Surveying Inc.**
(435) 781-2501
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 1000'
DRAWN BY: bgm
DATE: 02-13-2001

Legend	
	Existing Road
	Proposed Access
	Existing Pipeline
	Proposed Pipeline

TOPOGRAPHIC MAP
"B"

EXHIBIT "C"



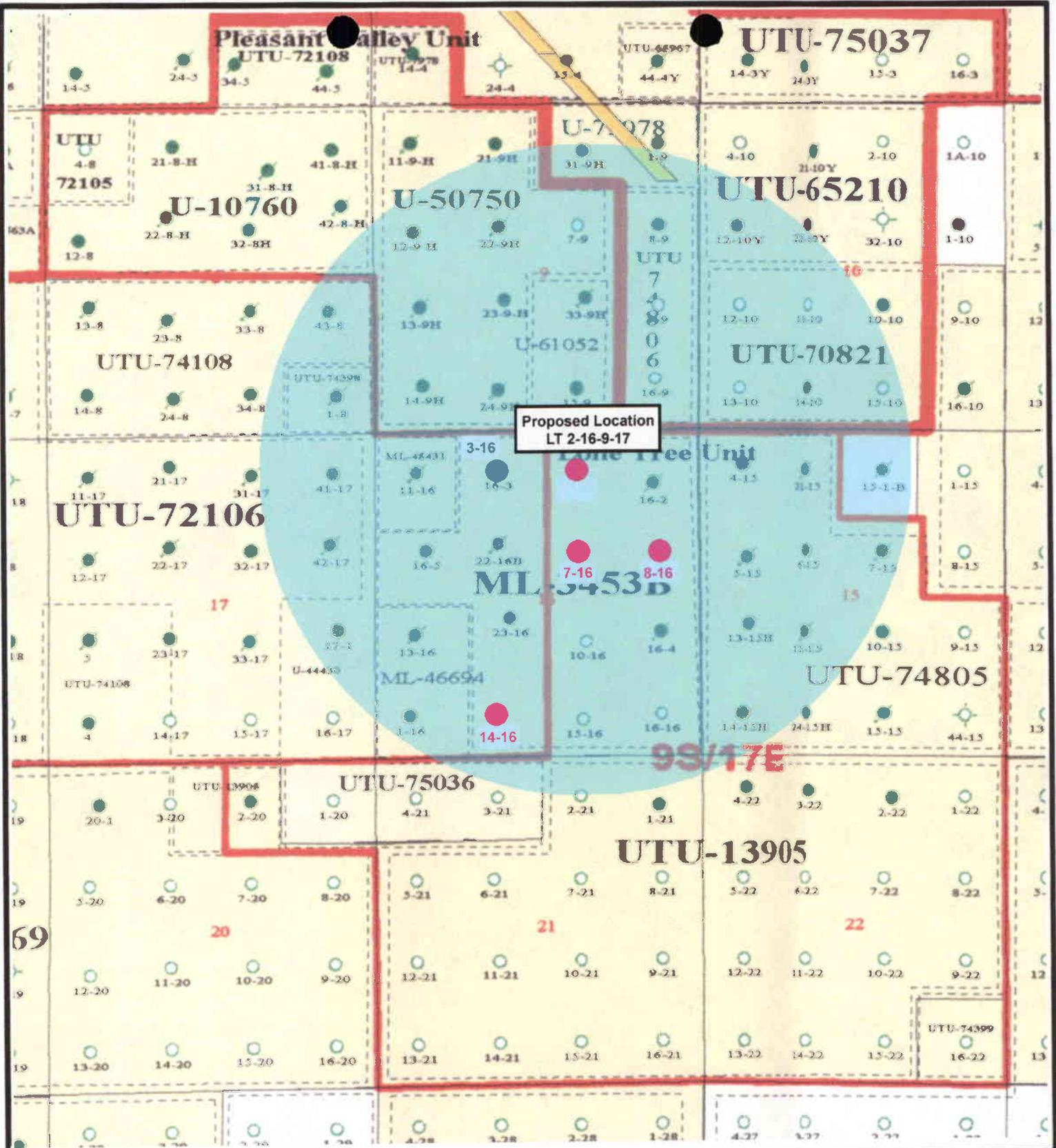
Well Categories

- INJ
- WTR
- SWD
- OIL
- GAS
- DRY
- SHUTIN
- SUSPENDED
- ABND
- Injection Stations
- Unit Sections


 4617 1/2 Street, Suite 200
 Denver, Colorado 80237
 Phone (303) 991-0100

UINTA BASIN
 Dracopis & Uteish Consulting, Inc.

Dec 11-13-99 M.A.F.



Proposed Location
LT 2-16-9-17

Lone Tree #2-16-9-17
SEC. 16, T9S, R17E, S.L.B.&M.



Tri-State
 Land Surveying Inc.
 (435) 781-2501
 38 West 100 North Vernal, Utah 84078

SCALE:
 DRAWN BY: bgm
 DATE: 02-13-2001

Legend

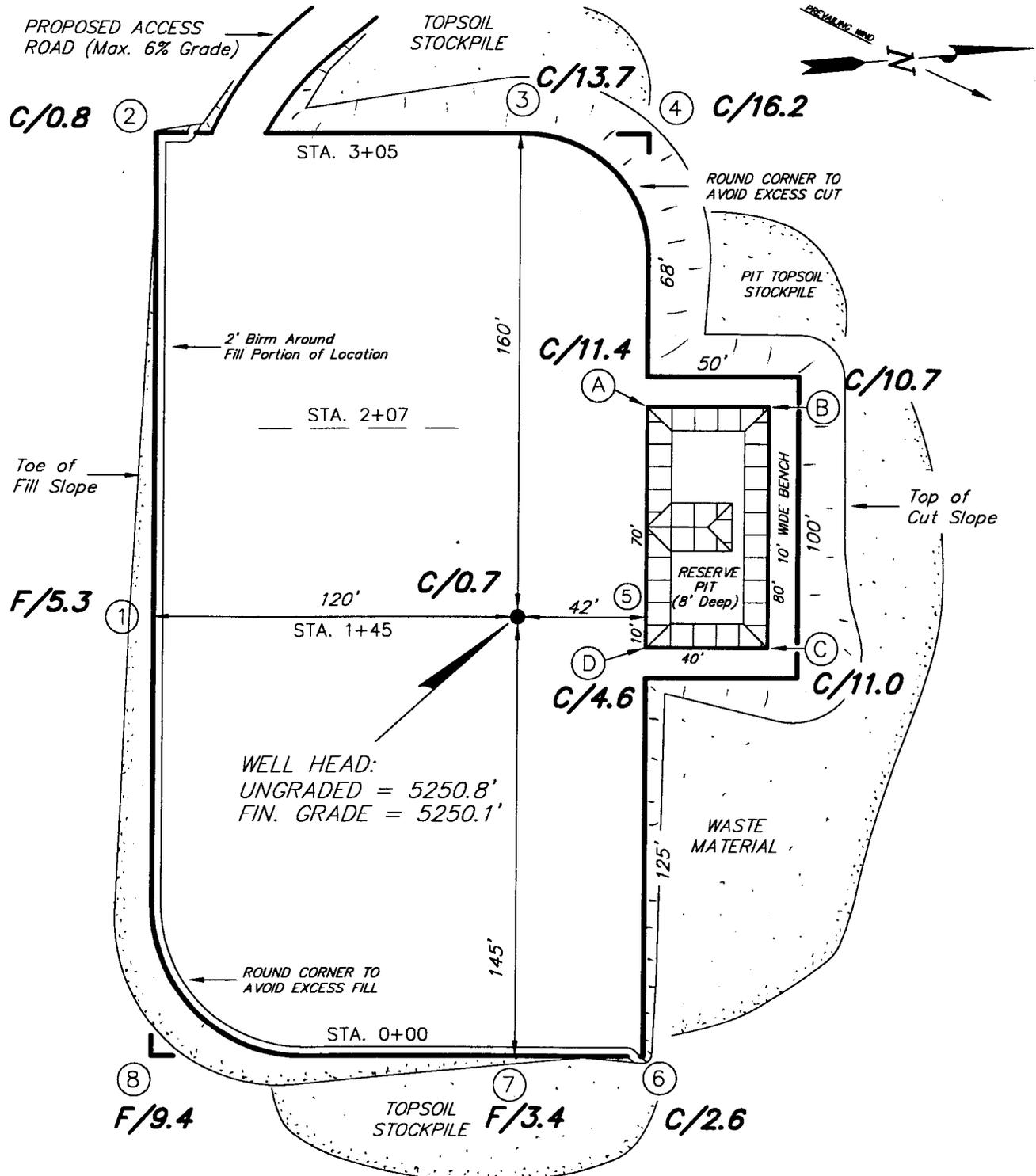
- Proposed Location
- Existing Location
- One-Mile Radius

EXHIBIT
"D"



INLAND PRODUCTION COMPANY

LONE TREE #2-16-9-17
SEC. 16, T9S, R17E, S.L.B.&M.



WELL HEAD:
 UNGRADED = 5250.8'
 FIN. GRADE = 5250.1'

REFERENCE POINTS	
170' SOUTHWEST	= 5244.6'
220' SOUTHWEST	= 5243.0'
210' NORTHWEST	= 5266.6'
260' NORTHWEST	= 5267.4'

SURVEYED BY: R.J.	SCALE: 1" = 50'
DRAWN BY: J.R.S.	DATE: 2-9-01

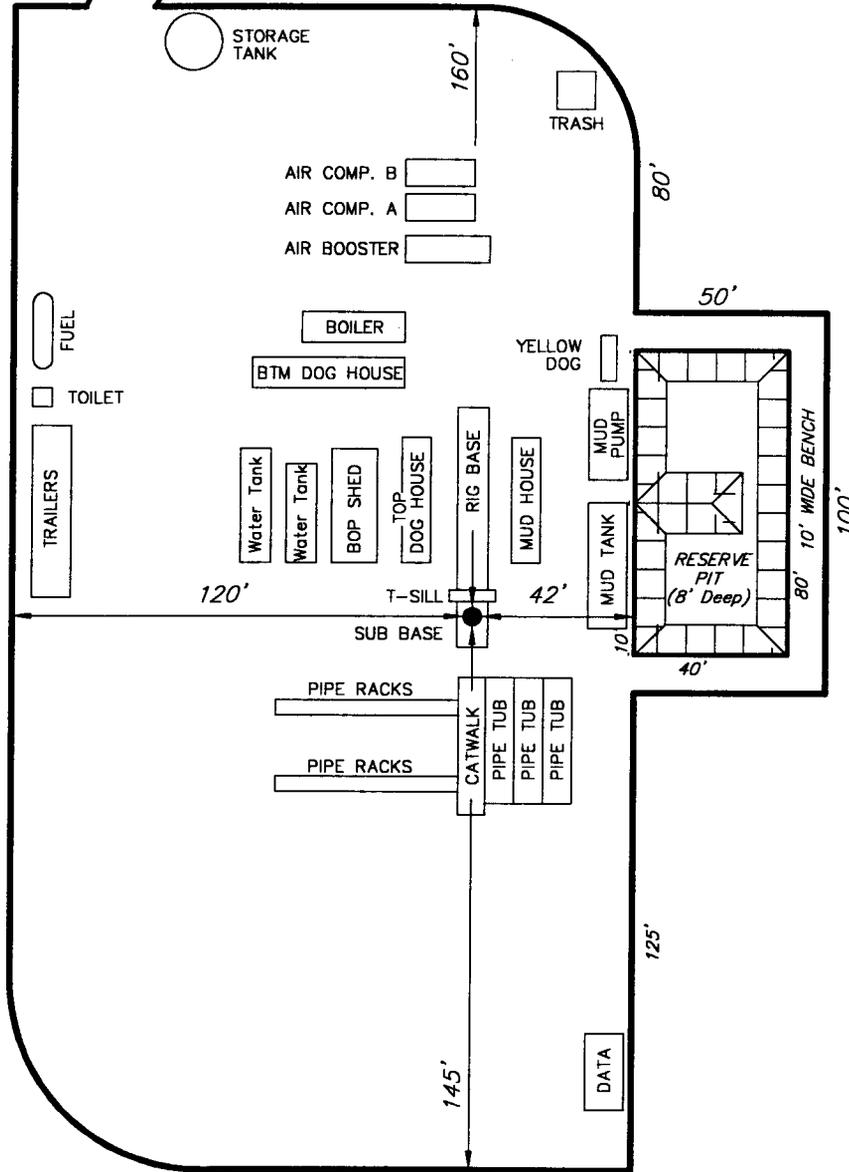
Tri State
 Land Surveying, Inc. (435) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

LONE TREE #2-16-9-17

PROPOSED ACCESS ROAD (Max. 6% Grade)



SURVEYED BY: R.J.

SCALE: 1" = 50'

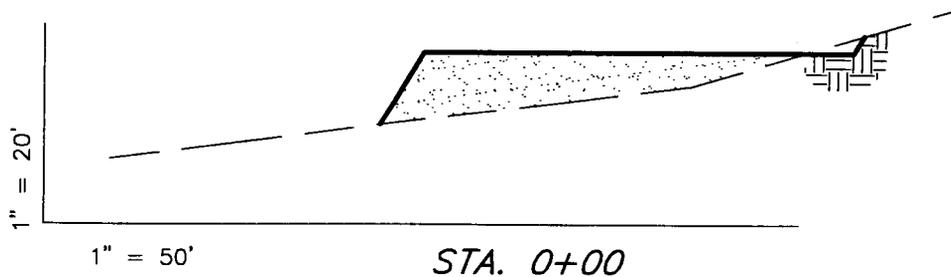
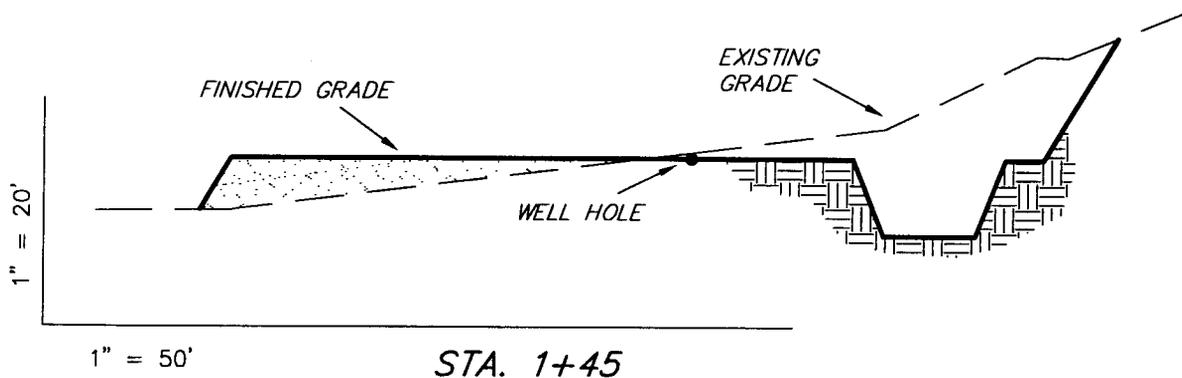
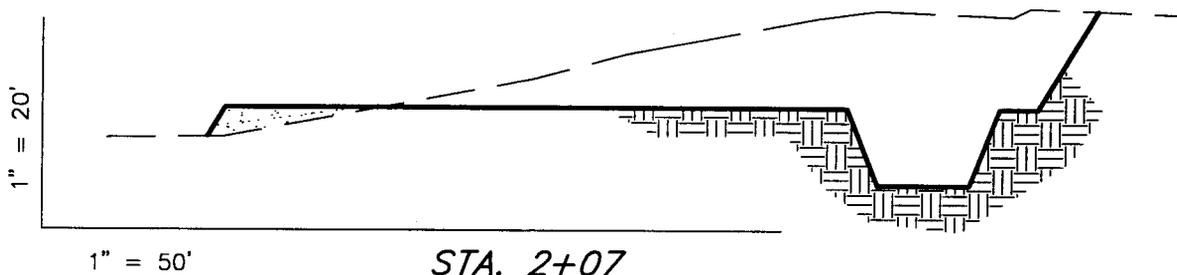
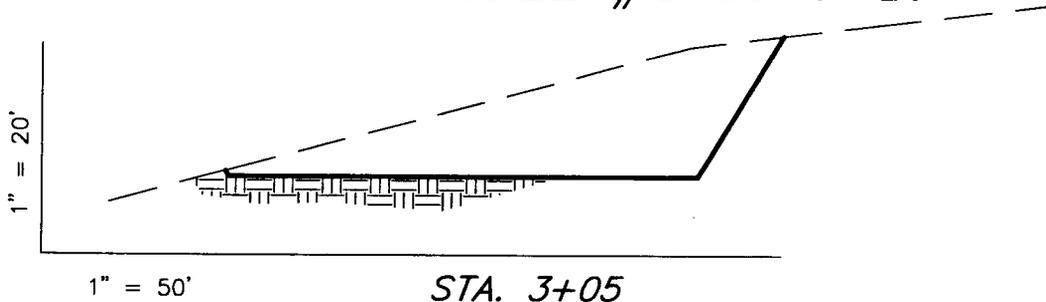
DRAWN BY: J.R.S.

DATE: 2-9-01

Tri State (435) 781-2501
 Land Surveying, Inc.
 38 WEST 100 NORTH VERNAL, UTAH 84078

INLAND PRODUCTION COMPANY
CROSS SECTIONS

LONE TREE #2-16-9-17



APPROXIMATE YARDAGES

- CUT = 6,640 Cu. Yds.
- FILL = 3,620 Cu. Yds.
- PIT = 640 Cu. Yds.
- 6" TOPSOIL = 1,010 Cu. Yds.

SURVEYED BY: R.J.	SCALE: 1" = 50'	 (435) 781-2501 38 WEST 100 NORTH VERNAL, UTAH 84078
DRAWN BY: J.R.S.	DATE: 2-9-01	

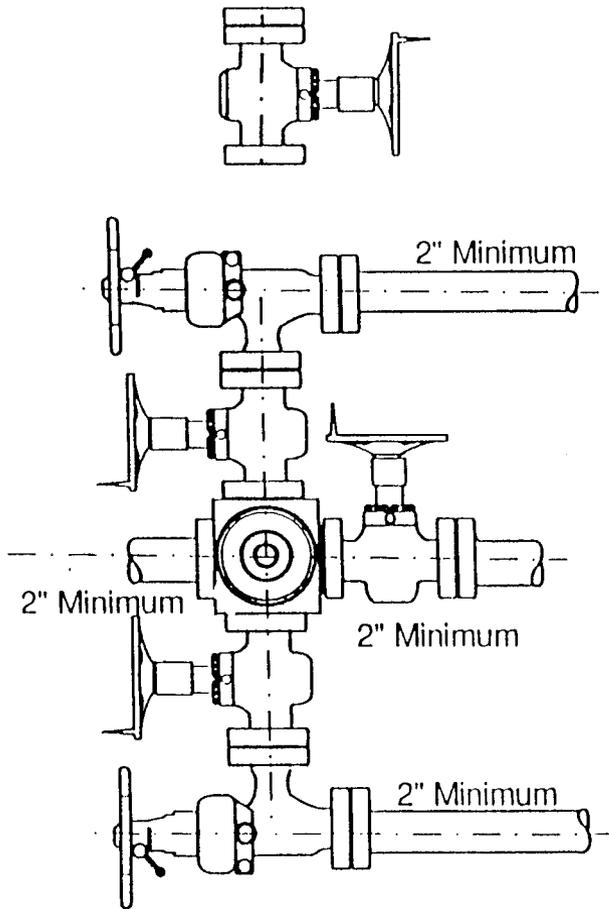
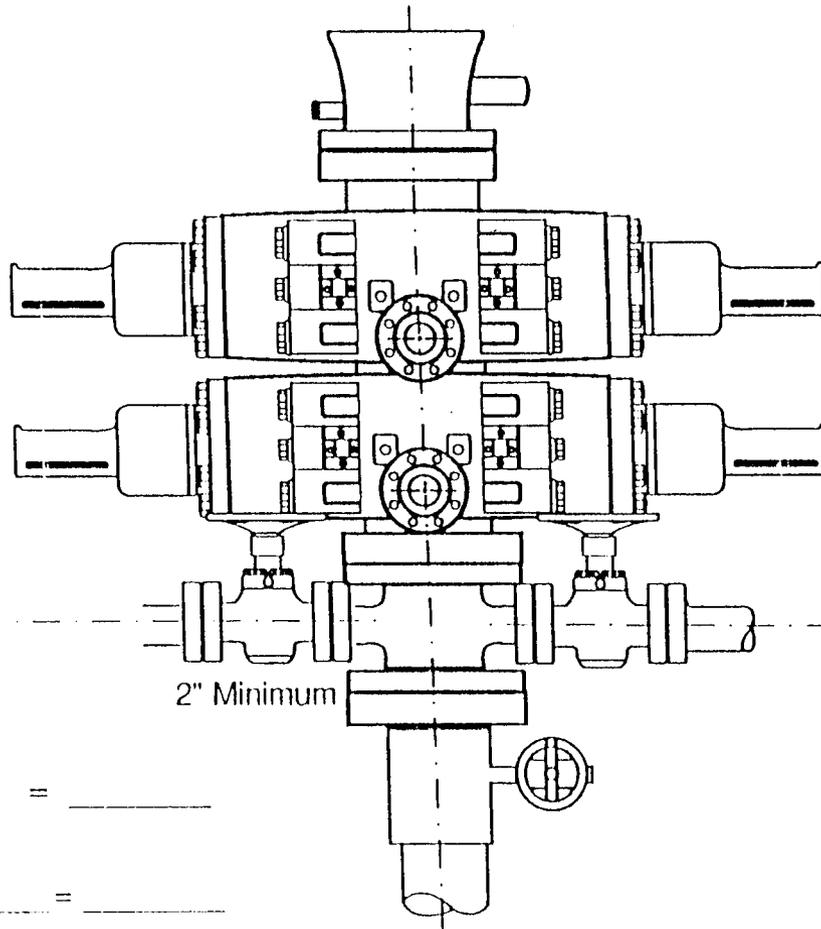
RAM TYPE B.O.P.

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)

EXHIBIT F

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/15/2001

API NO. ASSIGNED: 43-013-32309

WELL NAME: LONE TREE U 2-16-9-17
 OPERATOR: INLAND PRODUCTION (N5160)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:
 NWNE 16 090S 170E
 SURFACE: 0526 FNL 1775 FEL
 BOTTOM: 0526 FNL 1775 FEL
 DUCHESNE
 MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	11/2/01
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-3453B
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

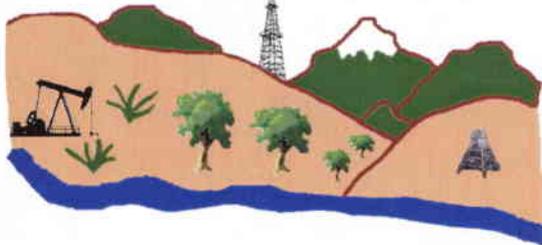
Plat
 Bond: Fed[] Ind[] Sta[3] Fee[]
 (No. RN4471291)
 Potash (Y/N)
 Oil Shale 190-5 (B) or 190-3 or 190-13
 Water Permit
 (No. MUNICIPAL)
 RDCC Review (Y/N)
 (Date:)
 Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3. Unit LONE TREE (GR)
 R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells
 R649-3-3. Exception
 Drilling Unit
 Board Cause No: 228-5
 Eff Date: 6-18-98
 Siting: *Suspend Gen. Siting
 R649-3-11. Directional Drill

COMMENTS: Need prosite. (10-18-01)

STIPULATIONS: ① STATEMENT OF BASIS



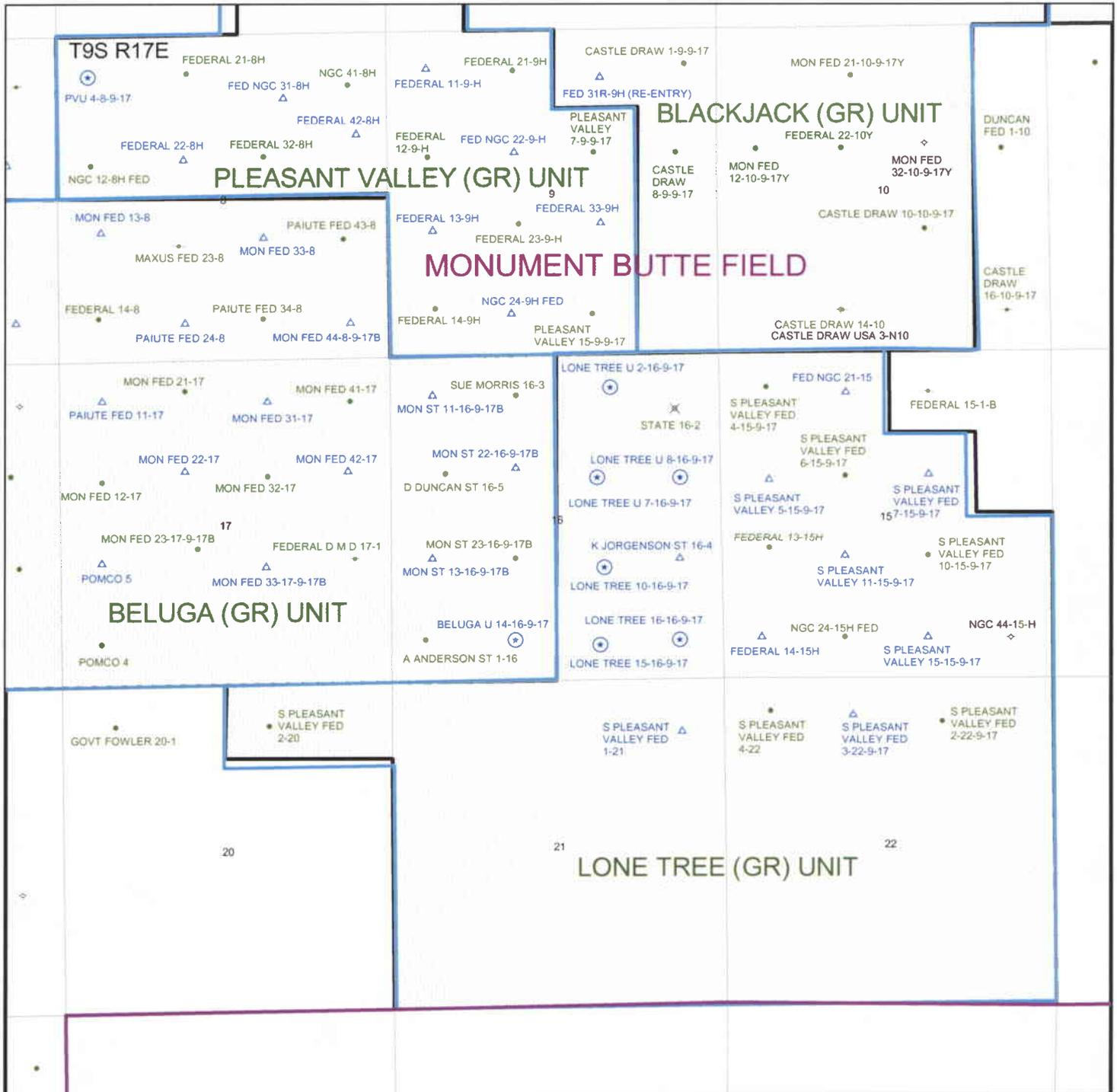
Utah Oil Gas and Mining

OPERATOR: INLAND PROD CO (N5160)

SEC. 16, T9S, R17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE UNIT: LONE TREE (GR)
CAUSE: 228-5



Casing Schematic

Surface

Unit

8-5/8"
MW 8.4
Frac 19.3

TOC @
0.
Surface
290. MD

w/128 washout

BCP

1700'
Green Power

BHP

$$(0.052)(8.4)(6500) = 2831 \text{ psi}$$

$$\text{Anticipated} = 2000 \text{ psi}$$

Gas

$$(0.12)(6500) = 780 \text{ psi}$$

$$\text{MASP} = 2059 \text{ psi}$$

Gas/mud

$$(0.22)(6500) = 1430 \text{ psi}$$

$$\text{MASP} = 1409 \text{ psi}$$

w/118 washout

2M BOPE proposed

Adequate

PRD 11/2/01

Watch

5-1/2"
MW 8.4

Production
6500. MD

Well name:	11-01 Inland Lone Tree U 2-16-9-17	
Operator:	Inland Production Company	Project ID:
String type:	Surface	43-013-32309
Location:	Duchesne Co.	

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 0 psi
 Internal gradient: 0.436 psi/ft
 Calculated BHP: 127 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 253 ft

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 69 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 290 ft

Cement top:

Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 6,500 ft
 Next mud weight: 8.400 ppg
 Next setting BHP: 2,836 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 290 ft
 Injection pressure: 290 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	290	8.625	24.00	J-55	ST&C	290	290	7.972	14

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	127	1370	10.83	127	2950	23.31	6	244	40.12 J

Prepared by: Dustin K. Doucet
 Utah Dept. of Natural Resources

Phone: 801-538-5281
 FAX: 801-359-3940

Date: November 2, 2001
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 290 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	11-01 Inland Lone Tree U 2-16-9-17	
Operator:	Inland Production Company	Project ID:
String type:	Production	43-013-32309
Location:	Duchesne Co.	

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 0 psi
 Internal gradient: 0.436 psi/ft
 Calculated BHP: 2,836 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on air weight.
 Neutral point: 5,674 ft

Environment:

H2S considered? No
 Surface temperature: 65 °F
 Bottom hole temperature: 156 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 300 ft

Cement top: Surface

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6500	5.5	15.50	J-55	LT&C	6500	6500	4.825	203.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2836	4040	1.42	2836	4810	1.70	101	217	2.15 J

Prepared by: Dustin K. Doucet
 Utah Dept. of Natural Resources

Phone: 801-538-5281
 FAX: 801-359-3940

Date: November 2, 2001
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 6500 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

Operator Name: Inland Production Company
Well Name & Number: Monument Butte 2-16-9-17
API Number: 43-013-32309
Location: 1/4,1/4 NW/NE SEC. 16 T. 09S R. 17E

Geology/Ground Water:

Inland has proposed setting 290' of surface casing at this location. The depth to the base of the moderately saline ground water is estimated to be at around 250'. A search of Division of Water Rights records indicates that no water wells are located within a 10,000 foot radius of the center of Section 16. The proposed surface casing should extend near or below the base of the moderately saline water. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of interbedded sandstones and shales. The Sandstones are of a discontinuous nature and probably don't represent a significant aquifer. The existing casing should adequately protect any useable ground water.

Reviewer: Brad Hill
Date: 11/01/2001

Surface:

An onsite was done of the surface area by the Division of Oil, Gas & Mining take comment and address surface issues. SITLA was shown as the landowner and was invited to the onsite meeting on 10/18/01 along with the Division of Wildlife Resources. SITLA was not present during the onsite. The dry stream bed that parallels location on the south should not be altered, as corner rounding on corner #8 was proposed. Inland has stated they shall berm the entire location. No T&E plant species were observed on surface area. The Division of Wildlife Resources did request that federal plover regulation apply to surface area if construction commences during the nesting time. Sandstone outcropping on north side of location where reserve pit is proposed indicating blasting might be necessary.

Reviewer: Dennis L. Ingram
Date: 10/31/01

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner of 12 mil or thicker be utilized with sufficient padding to prevent leakage of drilling fluids.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: Inland Production Company
WELL NAME & NUMBER: Monument Butte #2-16-9-17
API NUMBER: 43-013-32309
LEASE: ML-3453B **FIELD/UNIT:** Lone Tree Unit
LOCATION: 1/4, 1/4NW/NE Sec: 16 TWP: 09S RNG: 17E
1775 F E L 526 F N L
LEGAL WELL SITING: Suspended statewide siting.
GPS COORD (UTM): 12 584584E; 4432307N
SURFACE OWNER: SITLA

PARTICIPANTS:

Brad Mecham (Inland Production Company); Jack Lytle (Division of Wildlife Resources); Dennis L. Ingram (DOGM)

REGIONAL/LOCAL SETTING & TOPOGRAPHY:

Well is proposed south of Pleasant valley on or near Pariette Bench in tabletop habitat on north side of shallow draw approximately 0.1 mile east of Sand Wash Road.

SURFACE USE PLAN:

CURRENT SURFACE USE: Domestic grazing, wildlife use and recreational hunting.

PROPOSED SURFACE DISTURBANCE: Have proposed 850' of new access road from west off existing location (3-16). Surface use proposed as 305'x 162' plus reserve pit and area where topsoil and reserve spoils are stored.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: See GIS Data base

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All tanks and production equipment shall remain on location. Pipelines shall run along access road from west to 3-16 location.

SOURCE OF CONSTRUCTION MATERIAL: Native cut and fill using Borrowed material from site.

ANCILLARY FACILITIES: None requested

WASTE MANAGEMENT PLAN:

Submitted to division with application to drill under
Thirteen Point Surface Plan item 3-7.

ENVIRONMENTAL PARAMETERS:

AFFECTED FLOODPLAINS AND/OR WETLANDS: N/A

FLORA/FAUNA: Shadscale community typical or region, some
grasses and prickly-pear cactus, no T&E species plants
identified during onsite. Primary antelope range, coyote,
rabbit, owl, rapture, mule deer potential, potential plover
habitat.

SOIL TYPE AND CHARACTERISTICS: Light brown to tan fine
grained, sandy loam

EROSION/SEDIMENTATION/STABILITY: Minor erosion, some active
sedimentation, no stability problems noted.

PALEONTOLOGICAL POTENTIAL: None observed during onsite visit

RESERVE PIT:

CHARACTERISTICS: Pit shall be located on north side of
location in cut and adjacent to and downwind of prevailing
winds.

LINER REQUIREMENTS (Site Ranking Form attached): 30 points

SURFACE RESTORATION/RECLAMATION PLAN:

Shall be restored to original condition or as required by
SITLA at time of reclamation.

SURFACE AGREEMENT: Yes

CULTURAL RESOURCES/ARCHAEOLOGY: Arch Cultural Resource Survey
will be forthcoming, but not yet provided to the division.

OTHER OBSERVATIONS/COMMENTS:

Dry, sandy wash immediately south of location. It appears
location corner #8 was rounded to accommodate drainage. Location
dips to south and east. Existing gathering gas system just west
of location. Location was moved out of ctr/ctr to stay out of
sandy wash but remains in window of tolerance.

ATTACHMENTS:

Photographs showing wash, surface vegetation and area.

Dennis L. Ingram
DOGM REPRESENTATIVE

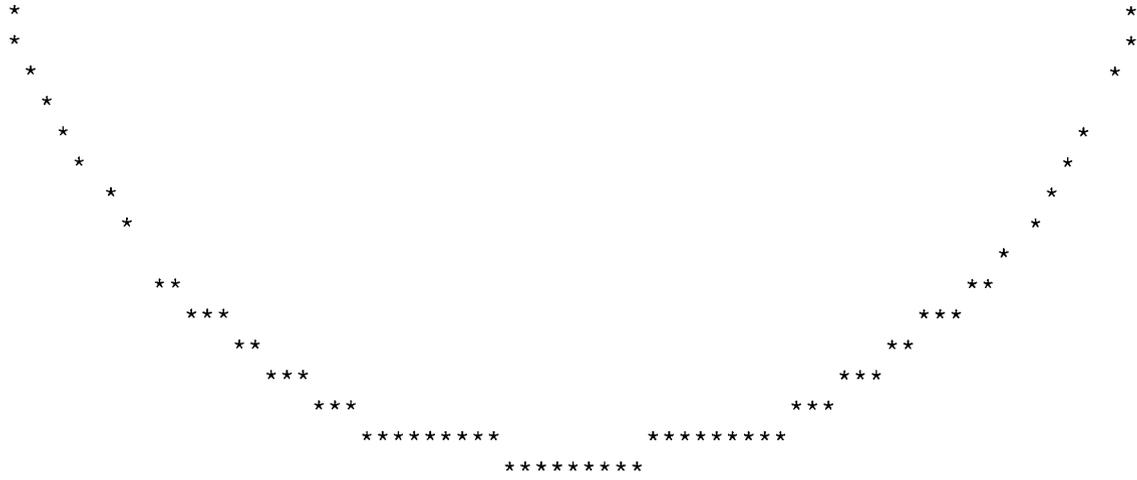
10/25/01 09:30 am
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility		
Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
Final Score		<u>30</u>









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

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

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

November 5, 2001

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

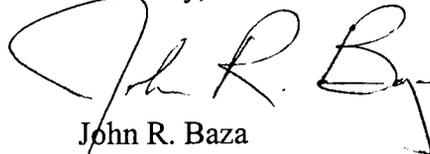
Re: Lone Tree Unit 2-16-9-17 Well, 526' FNL, 1775' FEL, NW NE, Sec. 16, T. 9 South,
R. 17 East, Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32309.

Sincerely,



John R. Baza
Associate Director

dm

Enclosures

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

Operator: Inland Production Company
Well Name & Number Lone Tree Unit 2-16-9-17
API Number: 43-013-32309
Lease: ML 3453B

Location: NW NE Sec. 16 T. 9 South R. 17 East

Conditions of Approval

1. **General**

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

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

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

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

STATE OF UTAH

DIVISION OF OIL, GAS, AND MINING

<p>1. SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use "APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.</p> <p>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/></p> <p>2. NAME OF OPERATOR INLAND PRODUCTION COMPANY</p> <p>3. ADDRESS AND TELEPHONE NUMBER Rt. 3 Box 3630, Myton Utah 84052 435-646-3721</p> <p>4. LOCATION OF WELL</p> <p>Footages 526 FNL 1775 FEL</p> <p>QQ, SEC, T, R, M: NW/NE Section 16, T9S R17E</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. ML 45555 3453B</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A</p> <p>7. UNIT AGREEMENT NAME LONE TREE</p> <p>8. WELL NAME and NUMBER LONE TREE 2-16-9-17</p> <p>9. API NUMBER 43-013-32309</p> <p>10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE</p> <p>COUNTY DUCHESNE STATE UTAH</p>
--	--

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

<p>NOTICE OF INTENT: (Submit in Duplicate)</p> <p><input type="checkbox"/> ABANDON <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> WATER SHUT OFF</p> <p><input checked="" type="checkbox"/> OTHER <u>Notice of Intent</u></p>	<p>SUBSEQUENT REPORT OF: (Submit Original Form Only)</p> <p><input type="checkbox"/> ABANDON* <input type="checkbox"/> NEW CONSTRUCTION</p> <p><input type="checkbox"/> REPAIR CASING <input type="checkbox"/> PULL OR ALTER CASING</p> <p><input type="checkbox"/> CHANGE OF PLANS <input type="checkbox"/> RECOMPLETE</p> <p><input type="checkbox"/> CONVERT TO INJECTION <input type="checkbox"/> REPERFORATE</p> <p><input type="checkbox"/> FRACTURE TREAT OR ACIDIZE <input type="checkbox"/> VENT OR FLARE</p> <p><input checked="" type="checkbox"/> OTHER <u>Permit Extension</u></p> <p>DATE WORK COMPLETED _____</p> <p>Report results of Multiple Completion and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.</p> <p>*Must be accompanied by a cement verification report.</p>
---	---

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)

Inland Production Company requests to extend the permit to drill this well for one year.

13. NAME & SIGNATURE: Mandie Crozier TITLE Permit Clerk DATE 11/12/2002

(This space for State use only)

COPIES SENT TO OPERATOR
11-15-02
CBP

**Approved by the
Utah Division of
Oil, Gas and Mining**
 Date: 11-14-02
 By: [Signature]

RECEIVED

NOV 13 2002

DIVISION OF
OIL GAS AND MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: LONE TREE U 2-16-9-17

Api No: 43-013-32309 Lease Type: STATE

Section 16 Township 09S Range 17E County DUCHESNE

Drilling Contractor LEON ROSS RIG # 14

SPUDDED:

Date 08/20/03

Time 9:00 AM

How DRY

Drilling will commence: _____

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 08/21/2003 Signed: CHD

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

OPERATOR: INLAND PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. MS160

RECEIVED

AUG 21 2003

DIV. OF OIL, GAS & MINING

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12417	43-013-32309	Lone Tree Unit #2-16-9-17	NW/NE	16	9S	17E	Duchesne	August 19, 2003	
WELL 1 COMMENTS: <i>GRU</i>											

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B											
WELL 2 COMMENTS:											

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 3 COMMENTS:											

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
WELL 4 COMMENTS:											

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

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

(3/83)

Kebbie S. Jones
 Signature _____ Kebbie S. Jones
 Production Clerk
 Title _____ August 21, 2003
 Date _____

INLAND

4356463031

10:39

08/21/2003

e

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.) OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <p style="text-align: center;">ML - 3453B</p>
2. NAME OF OPERATOR <p style="text-align: center;">INLAND PRODUCTION COMPANY</p>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME <p style="text-align: center;">N/A</p>
3. ADDRESS OF OPERATOR <p style="text-align: center;">Route 3, Box 3630 Myton, Utah 84052 (435) 646-3721</p>		7. UNIT AGREEMENT NAME <p style="text-align: center;">Lone Tree Unit</p>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <p style="text-align: center;">1775' FEL & 526' FNL NW/NE</p>		8. FARM OR LEASE NAME <p style="text-align: center;">Lone Tree Unit</p>
14. API NUMBER <p style="text-align: center;">43-013-32309</p>		9. <p style="text-align: center;">2-16-9-17</p>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <p style="text-align: center;">5250.8' GR</p>		10. FIELD AND POOL, OR WILDCAT <p style="text-align: center;">Monument Butte</p>
12. COUNTY OR PARISH <p style="text-align: center;">Duchesne</p>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <p style="text-align: center;">Sec 16, T9s, R17E</p>
13. STATE <p style="text-align: center;">UT</p>		

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

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

MIRU Ross #14.
 Spud well @ 9:00 am on 8/19/03. Drill 121/4" hole to a depth of 312'. PU & MU 7 jt's 85/8" J-55 24# csgn. Set depth of 313.3'/KB. On 8/24/03 Cement with 150 sks of Class "G" w/ 2% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. 5bbls cement returned to surface.

18 I hereby certify that the foregoing is true and correct

SIGNED Pat Willis TITLE Drilling Foreman DATE 08/25/2003

(This space for Federal or State office use)
 APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

* See Instructions On Reverse Side

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AUG 26 2003
 DIV OF OIL, GAS & MINING

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 313.3

LAST CASING 8 5/8" SET AT 313.3'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 307 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Lonetree 2-16-9-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross # 14

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		43' sh jt' shjt					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	301.45
		GUIDE shoe			8rd	A	0.9

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	303.3
TOTAL LENGTH OF STRING	303.3	7	LESS CUT OFF PIECE	2
LESS NON CSG. ITEMS	1.85		PLUS DATUM TO T/CUT OFF CSG	12
PLUS FULL JTS. LEFT OUT	0		CASING SET DEPTH	313.3

TOTAL	301.45	7	} COMPARE	
TOTAL CSG. DEL. (W/O THRDS)	301.45	7		
TIMING	1ST STAGE			
BEGIN RUN CSG.	SPUD	08/19/2003	GOOD CIRC THRU JOB	<u>yes</u>
CSG. IN HOLE		9:00am	Bbls CMT CIRC TO SURFACE	<u>bbls cement</u>
BEGIN CIRC			RECIPROCATED PIPE FOR	<u>THRU</u> <u>FT</u> STROKE
BEGIN PUMP CMT			DID BACK PRES. VALVE HOLD ?	<u>N/A</u>
BEGIN DSPL. CMT			BUMPED PLUG TO	<u>110</u> PSI
PLUG DOWN	Cemented	08/24/2003		

CEMENT USED	CEMENT COMPANY- B. J.		
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	150	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	

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

RECEIVED
AUG 26 2003
 DIV. OF OIL & GAS

COMPANY REPRESENTATIVE Pat Wisener DATE 08/24/2003

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

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. ML-3453B	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		7. UNIT AGREEMENT NAME LONE TREE	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		8. FARM OR LEASE NAME LONE TREE 2-16-9-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface NW/NE Section 16, T9S R17E 526 FNL 1775 FEL		9. WELL NO. LONE TREE 2-16-9-17	
14. API NUMBER 43-013-32309		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5251 GR		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/NE Section 16, T9S R17E	
12. COUNTY OR PARISH DUCHESNE		13. STATE UT	

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

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

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

On 3-31-04. MIRU Patterson #155. Set equipment. Pressure test Bop's, Kelly, & TIW to 2,000 psi. Test 85/8" csgn to 1,500 psi. Roosevelt, SLC office was notified of test. PU BHA and tag cement @ 220'. Drill out cement & shoe. Continue to drill a 77/8" hole with fresh water to a depth of 5745'. Lay down drill string, BHA. Open hole log from TD to surface. PU & MU guide shoe, 1 jt 51/2" J-55 15.5 # csgn. Float collar, & 129 Jt's 51/2" J-55 15.5# csgn. Set @ 5733'/ KB. Cement with 350 sks Prem Lite II w/ 3% KCL, 10 % Gel, 5#"s sk CSE, 3#"s sk Kolsal, .8% Sms, 1/2# sks Celloflake. Mixed @ 11.0 ppg, >3.42 yld. Followed by 400 sks 50/50 Poz w/ 3% KCL, 2% Gel, .05% Static free, 1/4# sk Celloflake. Mixed @ 14.4 ppg, > 1.24 yld. Returned 1 bbl cement to pit. Nippel down BOP's. Drop slips @ 87,000 # 's tension. Clean pit's & release rig on 4-6-04 @ 2:30 pm

18 I hereby certify that the foregoing is true and correct

SIGNED *Roy Herrera* TITLE Drilling Foreman DATE 4-7-04

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

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
APR 13 2004
DIV OF OIL, GAS & MINING

* See Instructions On Reverse Side

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5733.33

Flt cllr @ 5711'

LAST CASING 8 5/8" SET AT 313'
 DATUM 12.5 KB
 DATUM TO CUT OFF CASING 12.5
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 5745' LOGGER 5735'
 HOLE SIZE 7 7/8"

OPERATOR Inland Production Company
 WELL Lone Tree 2-16-9-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Patterson 155

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		5.8 3975.93' short jt					
129	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5699.58
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5734.83
TOTAL LENGTH OF STRING		5734.83	130	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12.5
PLUS FULL JTS. LEFT OUT		132.74	3	CASING SET DEPTH			5733.33
TOTAL		5852.32	133	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5852.32	133				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		3:30am		GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		7:30am		Bbls CMT CIRC TO SURFACE <u>1bbl</u>			
BEGIN CIRC		7:30am	8:17am	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN PUMP CMT		8:25am	9:04am	DID BACK PRES. VALVE HOLD ? <u>yes</u>			
BEGIN DSPL. CMT		9:25am		BUMPED PLUG TO <u>1540</u> PSI			
PLUG DOWN		9:48am					

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1		Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake	
		mixed @ 11.0 ppg W / 3.43 cf/sk yield	
2		50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.			
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED APR 13 2004 DIV. OF OIL, GAS & MINING </div>			

COMPANY REPRESENTATIVE Floyd Mitchell DATE 4/6/2004

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

5. LEASE DESIGNATION AND SERIAL NUMBER UTU77236X
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT OR CA AGREEMENT NAME: LONE TREE UNIT
8. WELL NAME and NUMBER: LONE TREE UNIT 2-16-9-17
9. API NUMBER: 4301332309
10. FIELD AND POOL, OR WILDCAT: Monument Butte

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR: Inland 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: COUNTY: Duchesne OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW/NE, 16, T9S, R17E STATE: Utah	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
	TYPE OF ACTION	TYPE OF ACTION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/29/2004			

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

Status report for time period 4/16/04 – 4/29/04

Subject well had completion procedures initiated in the Green River formation on 4/16/04 without the use of a service rig over the well. A cement bond log was run and a total of seven Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (5630-5636'), (5506-5518')(All 4 JSPF); #2 (5392-5400'), (5364-5384'), (5328-5347') (All 4 JSPF); #3 (4932-4942')(4 JSPF); #4 (4771-4781')(4 JSPF), #5 (4693-4703') (4 JSPF); #6 (4622-4632') (4 JSPF); #7 (3986-3998') (4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 4/23/04. Bridge plugs were drilled out. Well was cleaned out to PBD @ 5713'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 5603.53'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 4/29/04.

NAME (PLEASE) Martha Hall

TITLE Office Manager

SIGNATURE

Martha Hall

DATE April 30, 2004

(This space for State use only)

RECEIVED

MAY 03 2004

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML3453B

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
LONE TREE UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
LONE TREE UNIT 2-16-9-17

2. NAME OF OPERATOR:
Inland Production Company

9. API NUMBER:
4301332309

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

PHONE NUMBER:
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1775 FEL 526 FNL

COUNTY: Duchesne

QTR/QTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NW/NE, 16, T9S, R17E

STATE: Utah

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

TYPE OF ACTION

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

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

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project. Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

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

Date: 05-24-04
By: [Signature]

DATE OF OPERATION
5-25-04
CHD

NAME (PLEASE) Mandie Crozier

TITLE Regulatory Specialist

SIGNATURE

[Signature]

DATE May 20, 2004

(This space for State use only)

MAY 21 2004

Inland Resources Inc.

May 28, 2004

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

Attn: Ms. Carol Daniels

Lonetree 2-16-9-17 (43-013-32309)
Duchesne County, Utah

Lonetree 7-16-9-17 (43-013-32310)
Duchesne County, Utah

Dear Ms. Carol Daniels

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

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,



Brian Harris
Engineering Tech

Enclosures

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

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

JUN 02 2004

Division of Oil, Gas and Mining

Alamo Plaza Building
1401 Seventeenth Street, Suite 1000
Denver, CO 80202
303-893-0102 • Fax: 303-893-0103

(See other instructions on reverse side)

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*

1a. TYPE OF WORK

1b. TYPE OF WELL

NEW WELL WORK OVER DEEPEN

2. NAME OF OPERATOR

3. ADDRESS AND TELEPHONE NO.

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

At Surface 526' FNL & 1775' FEL (NWNE) Sec. 16, Twp 9S, Rng 17E

At top prod. Interval reported below

At total depth

15. DATE SPUDDED
8/19/2003

16. DATE T.D. REACHED
4/6/2004

17. DATE COMPL. (Ready to prod.)
4/29/2004

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5251' GL

12. COUNTY OR PARISH
Duchesne

13. STATE
UT

19. ELEV. CASINGHEAD
5263' KB

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

5745'

5713'

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 3986'-5636'

25. WAS DIRECTIONAL
SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	313'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5733'	7-7/8"	350 sx Premlite II and 400 sx 50/50 Poz	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	EOT @ 5603'	TA @ 5474'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP3,5) 5506-18', 5630-36'	.038	4/72	5506'-5636'	Frac w/ 29,613# 20/40 sand in 323 bbls fluid.
(CP1,2) 5328-47', 5364-84', 5392-5400'	.038	4/92	5328'-5400'	Frac w/ 133,947# 20/40 sand in 907 bbls fluid.
(A3) 4932-4942'	.038	4/40	4932'-4942'	Frac w/ 24,284# 20/40 sand in 275 bbls fluid.
(B.5, B2) 4693'-4703', 4771'-4781'	.038	4/80	4693'-4781'	Frac w/ 88,147# 20/40 sand in 798 bbls fluid.
(C-sd) 4622'-4632'	.038	4/40	4622'-4632'	Frac w/ 20,314# 20/40 sand in 234 bbls fluid.
(GB6) 3986'-3998'	.038	4/48	3986'-3998'	Frac w/ 30,742# 20/40 sand in 287 bbls fluid.

33.* PRODUCTION

DATE FIRST PRODUCTION 4/29/2004	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC Pump	WELL STATUS (Producing or shut-in) PRODUCING					
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ---->	OIL--BBL. 101	GAS--MCF. 60	WATER--BBL. 10	GAS-OIL RATIO 594
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

JUN 02 2004

35. LIST OF ATTACHMENTS

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

SIGNED Brian Harris

TITLE Engineering Technician

DATE 5/28/2004

Brian Harris

BDH

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

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Lonetree 2-16-9-17	3490'	
				3686'	
				3795'	
				4069'	
				4297'	
				4330'	
				4459'	
				4682'	
				4810'	
				5276'	
				5699'	
				5745'	

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3490'	
Garden Gulch 1	3686'	
Garden Gulch 2	3795'	
Point 3 Mkr	4069'	
X Mkr	4297'	
Y-Mkr	4330'	
Douglas Creek Mkr	4459'	
BiCarbonate Mkr	4682'	
B Limestone Mkr	4810'	
Castle Peak	5276'	
Basal Carbonate	5699'	
Total Depth (LOGGERS)	5745'	

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



Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

FAX(512) 463-5709

TTY7-1-1

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

- 1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
- 2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-3453B
1. TYPE OF WELL Oil Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	8. WELL NAME and NUMBER: LONE TREE U 2-16-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0526 FNL 1775 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 16 Township: 09.0S Range: 17.0E Meridian: S	9. API NUMBER: 43013323090000
9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	COUNTY: DUCHESNE
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/15/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input checked="" type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield Exploration is requesting approval for construction and installation of 1344 feet of 3 inch buried water injection line to the 2-16-9-17, from existing infrastructure, N1/2 of section 16, R9 T17. the line will be installed adjacent to existing road ways, and ground disturbance will be kept to minimum widths, depending on terrain. Construction activities will consist of topsoil separation & ground leveling, trenching, line installation, backfill, topsoil redistribution, and reseed/reclamation. Reclamation activities may include imprinting, mulching, amending soils, and seeding in proper time-windows with proper seed types.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 February 09, 2012**

NAME (PLEASE PRINT) Tim Eaton	PHONE NUMBER 465 646-4858	TITLE Regulatory Tech
SIGNATURE N/A	DATE 2/3/2012	

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
 UTAH STATE ML-3453-B

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
 GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
 LONE TREE UNIT 2-16-9-17

2. NAME OF OPERATOR:
 NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
 4301332309

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

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

4. LOCATION OF WELL:
 FOOTAGES AT SURFACE: 526 FNL 1775 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWNE, 16, T9S, R17E

STATE: UT

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

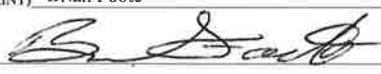
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>01/03/2012</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: _____	<input type="checkbox"/> CASING REPAIR	<input checked="" type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

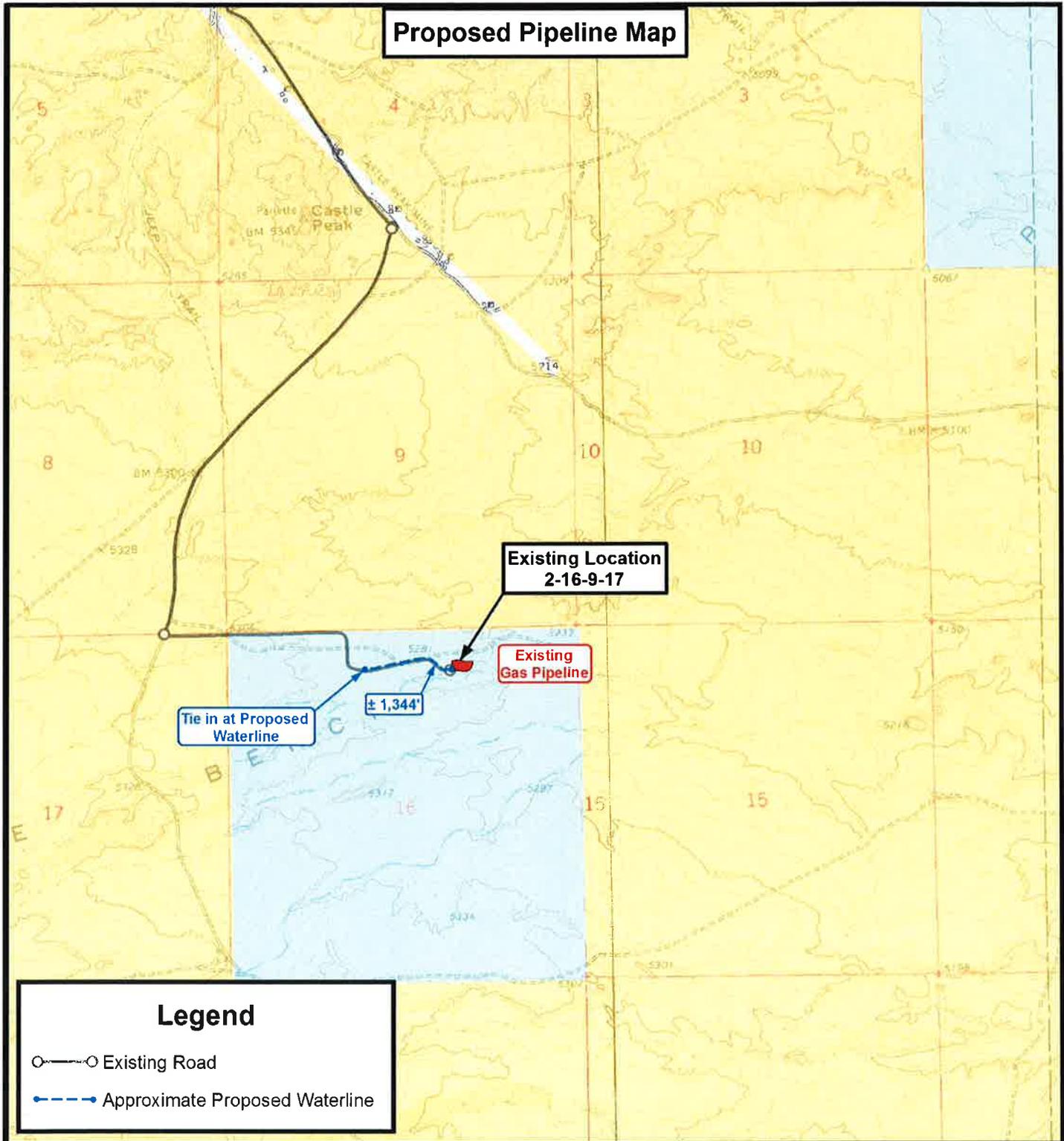
Newfield Exploration is requesting approval for construction and installation of 1344 feet of 3 inch buried water injection line to the 2-16-9-17, from existing infrastructure, N1/2 of section 16, R9 T17. the line will be installed adjacent to existing road ways, and ground disturbance will be kept to minimum widths, depending on terrain. Construction activities will consist of topsoil seperation & ground leveling, trenching, line installation, backfill, topsoil redistribution, and reseed/reclamation. Reclamation activities may include imprinting, mulching, amending soils, and seeding in proper time-windows with proper seed types.

NAME (PLEASE PRINT) Brian Foote

TITLE Technician.Regulatory

SIGNATURE 

DATE 02/03/2012



Legend

○—○ Existing Road

--- Approximate Proposed Waterline

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

DRAWN BY: D.C.R.	REVISED:	VERSION:	
DATE: 12-14-2011		V1	
SCALE: 1" = 2,000'			



NEWFIELD EXPLORATION COMPANY

2-16-9-17
SEC. 16, T9S, R17E, S.L.B.&M.
Duchesne County, UT.

TOPOGRAPHIC MAP	SHEET C
------------------------	-------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129

Phone 800-227-8917

<http://www.epa.gov/region08>

JUN 20 2012

Ref: 8P-W-UIC

RECEIVED

JUN 27 2012

DIV. OF OIL, GAS & MINING

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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 Lone Tree Area Permit
EPA UIC Permit UT20853-09348
Well: Lone Tree 2-16-9-17
NWNE Sec. 16-T9S-R17E
Duchesne County, Utah
API No.: 43-013-32309

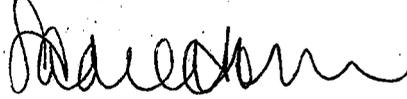
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Lone Tree 2-16-9-17 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 Lone Tree Area Permit No. UT20853-00000 and subsequent modifications.

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

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

Sincerely,



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

Enclosures: Authorization for Additional Well
Wellbore Schematic for Lone Tree 2-16-9-17

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

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

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Department
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 UT20853-00000

The Lone Tree UIC Area Permit UT20853-00000, effective September 1, 1998 authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On October 4, 2011, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Well Name:	Lone Tree Federal 2-16-9-17
EPA Permit ID Number:	UT20853-09348
Location:	526' FNL & 1,775' FEL NWNE Sec. 16-T9S-R17E Duchesne County, Utah API #43-013-32309

Pursuant to 40 CFR §144.33, Area UIC Permit UT20853-00000 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. UT20853-00000, 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: 6/18/12 

 **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: Lone Tree 2-16-9-17
EPA Well ID Number: UT20853-09348

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 1,595psig, 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 0.84 psi/ft, SG is 1.015 and D is 3,986 ft.

UIC Area Permit No. UT20853-00000 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

*Authorization for Additional Well: UIC Area Permit UT20853-00000
Well: Lone Tree Federal 2-16-9-17 EPA Well ID: UT20853-09348*

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: **Lone Tree Federal 2-16-9-17**
EPA Well ID Number: **UT20853-09348**

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 101 ft. below ground surface in the Lone Tree Federal 2-16-9-17 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.

Authorization for Additional Well: UIC Area Permit UT20853-00000
Well: Lone Tree Federal 2-16-9-17 EPA Well ID: UT20853-09348

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

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

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

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

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

Surface Casing: 8-5/8" casing is set at 313 ft. in a 12-1/4" hole, using 150 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,733 ft. in a 7-7/8" hole secured with 700 sacks of cement. Total driller depth is 5,745 ft. Plugged back total depth is 5,713 ft. EPA calculates top of cement at 1,208 ft. Estimated CBL top of cement is 330 ft.

Perforations: Top perforation: 3,986 ft.

Bottom perforation: 5,636 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following well that penetrate the confining zone within or proximate to a ¼-mile radius around the Lone Tree Federal 2-16-9-17 well was evaluated to determine if any corrective action is necessary to prevent fluid movement into USDW:

Pleasant Valley 15-9H-9-17 API: 43-013-32135 SWSE Sec. 9-T9S-R17E
This well has adequate 80% Cement Bond Index in the Confining Zone and the Top of Cement is above the base of the Confining Zone.

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

Reporting of Noncompliance:

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

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.

Lone Tree 2-16-9-17

Spud Date: 8/19/03
 Put on Production: 4/29/04
 GL: 5251' KB:5263'

Initial Production: BOPD,
 MCFD, BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

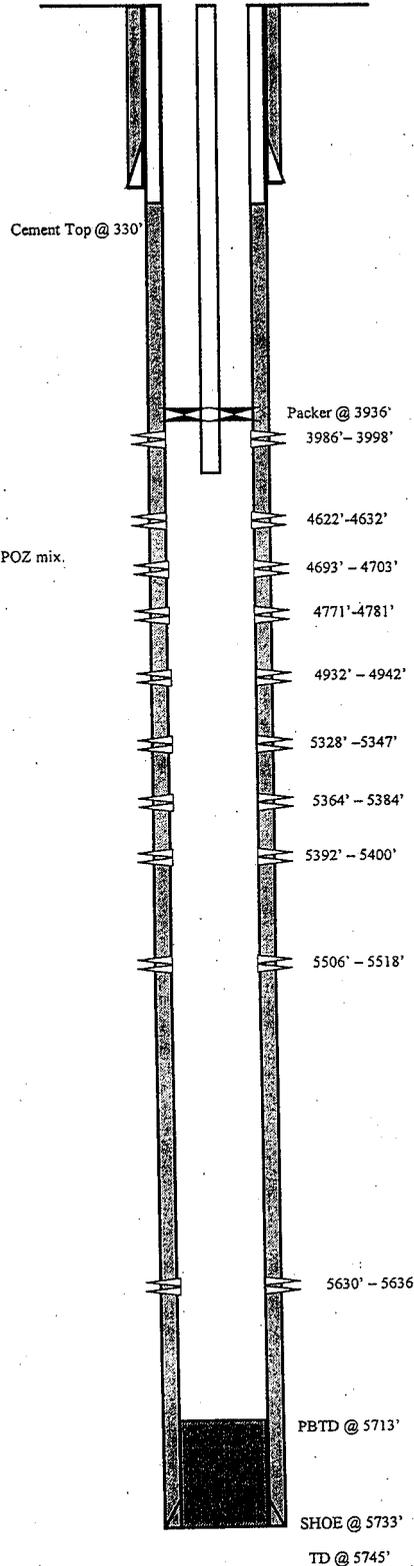
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (303.3')
 DEPTH LANDED: 313.3' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 130 jts. (5734.83')
 DEPTH LANDED: 5733.33' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix.
 CEMENT TOP AT: 330'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 176 jts (5462.37')
 TUBING ANCHOR: 5474.87' KB
 NO. OF JOINTS: 2 jts (62.12')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5539.79' KB
 NO. OF JOINTS: 2 jts (62.19')
 TOTAL STRING LENGTH: EOT @ 5603.53 w/12.5KB'



FRAC JOB

4/20/04 5506'-5636' **Frac CP5 and 3 sands as follows:**
 29,613# 20/40 sand in 323 bbls lightning Frac 17 fluid. Treated @ avg press of 1917 psi w/avg rate of 24.4 BPM. ISIP 1920 psi. Calc flush: 5504 gal. Actual flush: 5502 gal.

4/20/04 5328'-5400' **Frac CP 2 and 1 sands as follows:**
 133,947# 20/40 sand in 907 bbls lightning Frac 17 fluid. Treated @ avg press of 2020 psi w/avg rate of 24.6 BPM. ISIP 2100 psi. Calc flush: 5326 gal. Actual flush: 5326 gal.

4/20/04 4932'-4942' **Frac A3 sands as follows:**
 24,284# 20/40 sand in 275 bbls lightning Frac 17 fluid. Treated @ avg press of 2122 psi w/avg rate of 24.1 BPM. ISIP 1850 psi. Calc flush: 4930 gal. Actual flush: 4931 gal.

4/21/04 4622'-4632' **Frac C sands as follows:**
 20,314# 20/40 sand in 234 bbls lightning Frac 17 fluid. Treated @ avg press of 2202 psi w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc flush: 4620 gal. Actual flush: 4620 gal.

4/21/04 3986'-3998' **Frac GB6 sands as follows:**
 30,742# 20/40 sand in 287 bbls lightning Frac 17 fluid. Treated @ avg press of 2380 psi w/avg rate of 24.5 BPM. ISIP 2100 psi. Calc flush: 3985 gal. Actual flush: 3898 gal.

4/27/04 4693'-4781' **Frac B.5 and 2 sands as follows:**
 88,147# 20/40 sand in 798 bbls lightning Frac 17 fluid. Treated @ avg press of 2995 psi w/avg rate of 14.4 BPM. ISIP 1800 psi. Calc flush: 1273 gal. Actual flush: 1092 gal.

PERFORATION RECORD

Date	Depth Range	Tool	Holes
4/16/04	5630'-5636'	4 JSPF	24 holes
4/16/04	5506'-5518'	4 JSPF	48 holes
4/20/04	5392'-5400'	4 JSPF	16 holes
4/20/04	5364'-5384'	4 JSPF	40 holes
4/20/04	5328'-5347'	4 JSPF	36 holes
4/20/04	4932'-4942'	4 JSPF	40 holes
4/20/04	4771'-4781'	4 JSPF	40 holes
4/21/04	4693'-4703'	4 JSPF	40 holes
4/21/04	4622'-4632'	4 JSPF	40 holes
4/21/04	3986'-3998'	4 JSPF	48 holes

NEWFIELD

Lone Tree 2-16-9-17
 526' FNL & 1775' FEL
 NWNE Section 16-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32309; Lease #ML-3453B

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-3453B
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: LONE TREE U 2-16-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013323090000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0526 FNL 1775 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 16 Township: 09.0S Range: 17.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/19/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The subject well has been converted from a producing oil well to an injection well on 07/17/2012. On 07/13/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 07/19/2012 the casing was pressured up to 1140 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20853-09348

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 August 06, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 7/23/2012	

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: 7 119 12012
 Test conducted by: Eric Park
 Others present: _____

Well Name: <u>Jone Tree 2-16-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Mount Butte</u>		
Location: <u>NW/NE 2</u> Sec: <u>16</u> T <u>9</u> N <u>15</u> R <u>17</u> <u>E</u> /W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>Eric Park</u>		
Last MIT: <u>1</u> / <u>1</u>		Maximum Allowable Pressure: _____ PSIG

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

Pre-test casing/tubing annulus pressure: _____ psig

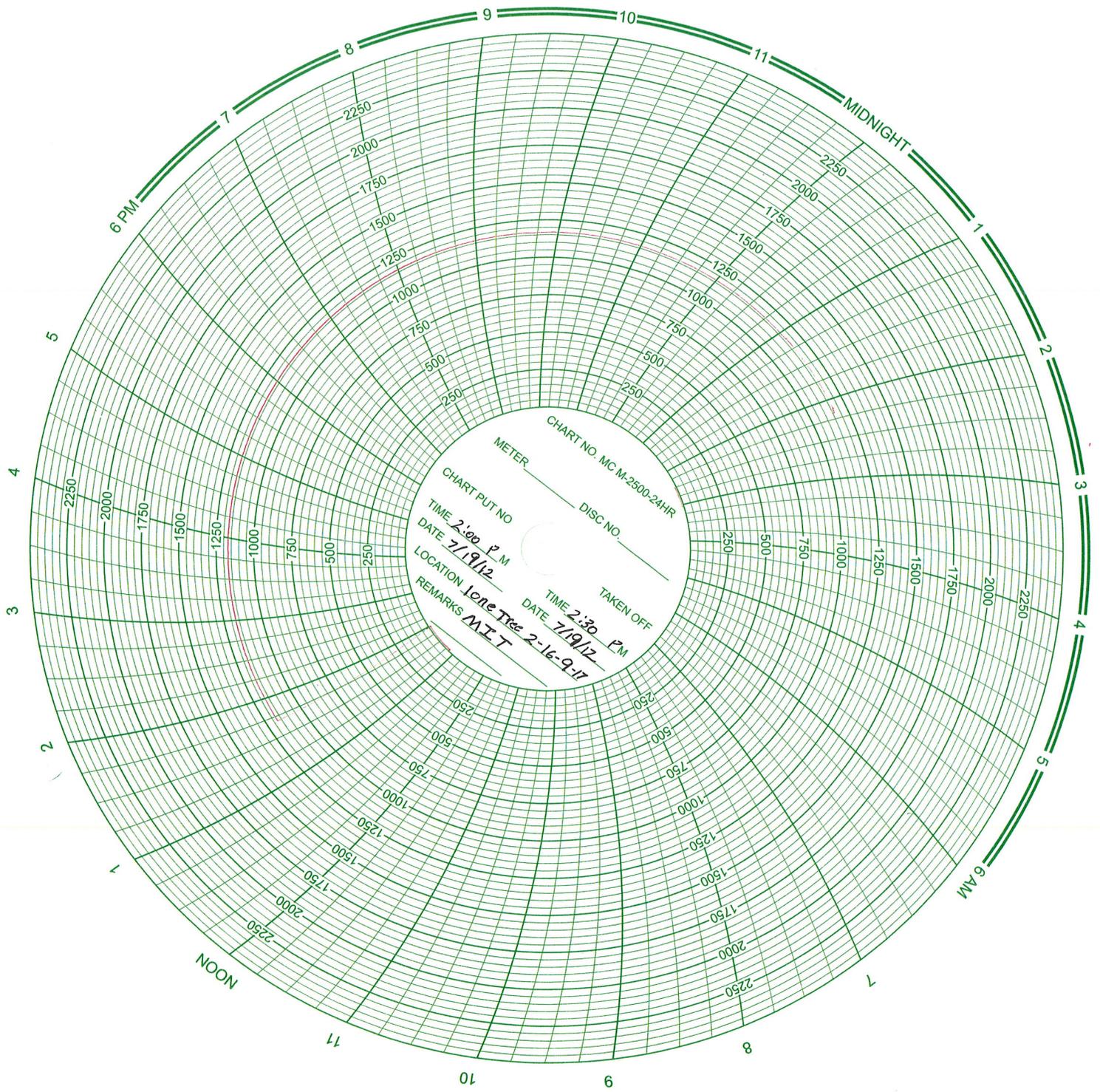
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1140</u> psig	psig	psig
5 minutes	<u>1140</u> psig	psig	psig
10 minutes	<u>1140</u> psig	psig	psig
15 minutes	<u>1140</u> psig	psig	psig
20 minutes	<u>1140</u> psig	psig	psig
25 minutes	<u>1140</u> psig	psig	psig
30 minutes	<u>1140</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: _____



Daily Activity Report

Format For Sundry

LONETREE 2-16-9-17

5/1/2012 To 9/30/2012

7/16/2012 Day: 1

Conversion

WWS #7 on 7/16/2012 - MIRUSU, unseat rod pump & flush - MIRUSU, R.D pumping unit pump 60 bbls htd. Wtr. Dwn csg. Unable to unseat pump after 1 hr. of working, pump add. 60 bbls dwn. Csg. Work rods for add. 1 hr. pulling pump ofseat w/ 22k over string # flush rods soft seat unable to get test bleed off 1200# in 10 sec. L/D 3 rods SWIFN

Daily Cost: \$0

Cumulative Cost: \$86,800

7/18/2012 Day: 3

Conversion

WWS #7 on 7/18/2012 - Cont. in w/ tbg. Set Pkr leave well ready for MIT - Cont. in hole w/ 70 jts. Pump 10 bbls drop S/V test tbg. To 3000# blow hole in tbg. Pooh find hole in jt. # 44 replace 2 jts. At that point, RIH test to 3000# (good) R/u sandline ret. S/V, pump 80 bbls Pkr fluid dwn. Ann. N/D BOP set Pkr w/ 15k tension @ 3960', PSN @ 3954' & EOT @ 3970' test csg. To 1500# (good) RDSUMOL - Cont. in hole w/ 70 jts. Pump 10 bbls drop S/V test tbg. To 3000# blow hole in tbg. Pooh find hole in jt. # 44 replace 2 jts. At that point, RIH test to 3000# (good) R/u sandline ret. S/V, pump 80 bbls Pkr fluid dwn. Ann. N/D BOP set Pkr w/ 15k tension @ 3960', PSN @ 3954' & EOT @ 3970' test csg. To 1500# (good) RDSUMOL - P/U RIH w/ BHA as follows, W/L entry guide, 2 3/8 x 1.87 XN nipple, 2 3/8 x 4' pup jt. XO, 5 1/2 AS1X Pkr, 2 7/8 ON/OFF tool w/ 1.87 X profile, 2 7/8 PSN & 57 jts. 2 7/8 J-55 tbg. EOT 1800' SWIFN - P/U RIH w/ BHA as follows, W/L entry guide, 2 3/8 x 1.87 XN nipple, 2 3/8 x 4' pup jt. XO, 5 1/2 AS1X Pkr, 2 7/8 ON/OFF tool w/ 1.87 X profile, 2 7/8 PSN & 57 jts. 2 7/8 J-55 tbg. EOT 1800' SWIFN - Cont. to Pooh w/ rods & wt. bars & pump change over to tbg. Equip. n/D wellhead rls TAC N/U 5k BOP, Pooh inspecting, breaking & doping collars L/D TAC & BHA, - Cont. to Pooh w/ rods & wt. bars & pump change over to tbg. Equip. n/D wellhead rls TAC N/U 5k BOP, Pooh inspecting, breaking & doping collars L/D TAC & BHA,

Daily Cost: \$0

Cumulative Cost: \$101,715

7/20/2012 Day: 4

Conversion

Rigless on 7/20/2012 - Conduct initial MIT - On 07/13/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 07/19/2012 the casing was pressured up to 1140 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20853-09348 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$132,985

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: ML-3453B
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)
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2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013323090000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0526 FNL 1775 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 16 Township: 09.0S Range: 17.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
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	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Put on Injection"/>

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

The above reference well was put on injection at 2:30 PM on 08/15/2012. EPA # UT20853-09348

**Accepted by the
 Utah Division of
 Oil, Gas and Mining
 FOR RECORD ONLY
 August 28, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 8/16/2012	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

AUG 07 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, Utah 84052

RECEIVED
AUG 15 2012
DIV. OF OIL, GAS & MINING

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 UT20853-09348
Well: Lone Tree 2-16-9-17
NWNE Sec. 16-T9S-R17E
Duchesne County, Utah
API No.: 43-013-32309

Dear Mr. Durfey:

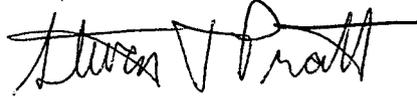
The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) July 23, 2012, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20853-09348.

As of the date of this letter, Newfield is authorized to commence injection into the Lone Tree 2-16-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,595 psig for a limited period of 180 days during which time a Radioactive Tracer Survey (RTS) is required according to UIC Permit UT20853-09348. If Newfield seeks a higher MAIP than 1,595 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 UT20853-09348.

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,



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

cc: Uintah & Ouray Business Committee:

Irene Cuch, Chairman
Richard Jenks Jr., Councilman
Frances Poowegup, Councilwoman
Ronald Wopsock, Vice-Chairman
Phillip Chimburas, Councilman
Stewart Pike, Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

Spud Date: 8/19/03
 Put on Production: 4/29/04
 GI: 5251' KB:5263'

Lone Tree 2-16-9-17

Injection Wellbore Diagram

SURFACE CASING

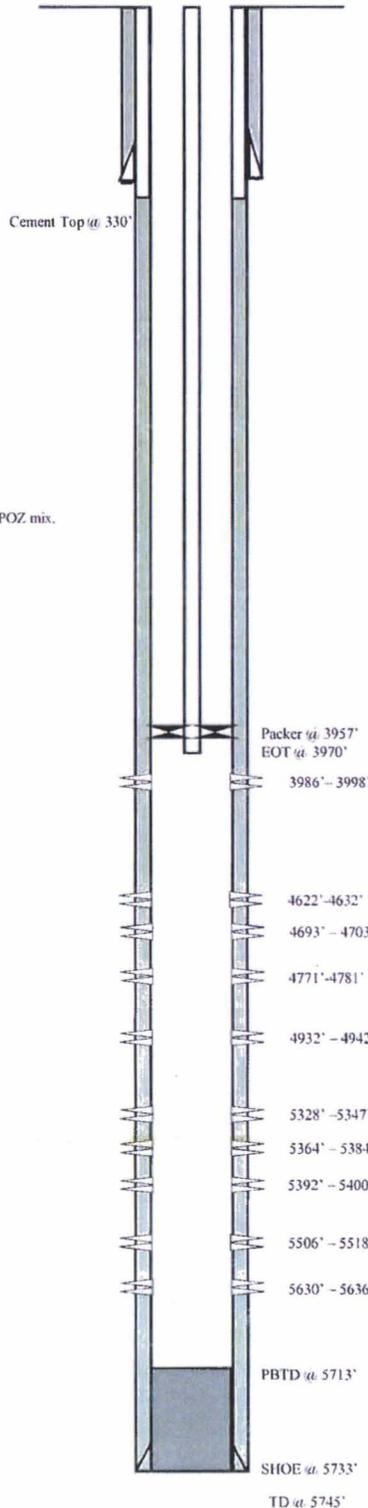
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
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 DEPTH LANDED: 313.3' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150sxs Class "G" cmt, est 5 bbls cmt to surf.

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 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 130 jts. (5734.83')
 DEPTH LANDED: 5733.33' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50-50 POZ mix.
 CEMENT TOP AT: 330'

TUBING

SIZE/GRADE/WT.: 2-7/8" J-55 6.5#
 NO. OF JOINTS: 127 jts (3942.0')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 3954.0' KB
 ON/OFF TOOL 2-7/8" N-80 @ 3955.1'
 PACKER @ 3956.9'
 XO @ 3963.9'
 TBG PUP 2-3/8" J-55 @ 3964.4'
 X/N NIPPLE 2-3/8" N-80 @ 3968.4'
 TOTAL STRING LENGTH: EOT @ 3970' w 12.5KB'



FRAC JOB

4/20/04 5506'-5636' **Frac CP5 and 3 sands as follows:**
 29,613# 20-40 sand in 323 bbls lightning Frac 17 fluid. Treated @ avg press of 1917 psi w/avg rate of 24.4 BPM. ISIP 1920 psi. Calc flush: 5504 gal. Actual flush: 5502 gal.

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 133,947# 20-40 sand in 907 bbls lightning Frac 17 fluid. Treated @ avg press of 2020 psi w/avg rate of 24.6 BPM. ISIP 2100 psi. Calc flush: 5326 gal. Actual flush: 5326 gal.

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 24,284# 20-40 sand in 275 bbls lightning Frac 17 fluid. Treated @ avg press of 2122 psi w/avg rate of 24.1 BPM. ISIP 1850 psi. Calc flush: 4930 gal. Actual flush: 4931 gal.

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 20,314# 20-40 sand in 234 bbls lightning Frac 17 fluid. Treated @ avg press of 2202 psi w/avg rate of 24.7 BPM. ISIP 2050 psi. Calc flush: 4620 gal. Actual flush: 4620 gal.

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 30,742# 20-40 sand in 287 bbls lightning Frac 17 fluid. Treated @ avg press of 2380 psi w/avg rate of 24.5 BPM. ISIP 2100 psi. Calc flush: 3985 gal. Actual flush: 3898 gal.

4/27/04 4693'-4781' **Frac B.5 and 2 sands as follows:**
 38,147# 20-40 sand in 798 bbls lightning Frac 17 fluid. Treated @ avg press of 2995 psi w/avg rate of 14.4 BPM. ISIP 1800 psi. Calc flush: 1273 gal. Actual flush: 1092 gal.

07/17/12 **Convert to Injection Well**
 07/19/12 **Conversion MIT Finalized -- update tbg detail**

PERFORATION RECORD

Date	Depth Range	Number of Holes	Hole Type
4/16/04	5630'-5636'	4	JSPF 24 holes
4/16/04	5506'-5518'	4	JSPF 48 holes
4/20/04	5392'-5400'	4	JSPF 16 holes
4/20/04	5364'-5384'	4	JSPF 40 holes
4/20/04	5328'-5347'	4	JSPF 36 holes
4/20/04	4932'-4942'	4	JSPF 40 holes
4/20/04	4771'-4781'	4	JSPF 40 holes
4/21/04	4693'-4703'	4	JSPF 40 holes
4/21/04	4622'-4632'	4	JSPF 40 holes
4/21/04	3986'-3998'	4	JSPF 48 holes

NEWFIELD

Lone Tree 2-16-9-17

526' FNL & 1775' FEL

NWNE Section 16-T9S-R17E

Duchesne Co, Utah

API #43-013-32309; Lease #ML-3453B