

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL OR DEEPEN		5. Lease Designation and Serial Number: ML-22061
1A. Type of Work: DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name:
B. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER: SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name: Gilsonite Unit
2. Name of Operator: LOMAX EXPLORATION COMPANY		8. Farm or Lease Name: Gilsonite State
3. Address and Telephone Number: P.O. BOX 1446, Roosevelt, Utah 84066 (801) 722-5103		9. Well Number: #8-32
4. Location of Well (Footages) At Surface: SE/NE Sec. 32, T8S, R17E At Proposed Producing Zone: 1925' FNL 736' FEL		10. Field and Pool, or Wildcat: Gilsonite
14. Distance in miles and direction from nearest town or post office: 11.3 Miles S.W. of Myton		11. Qtr/Qtr, Section, Township, Range, Meridian: Sec. 32, T8S, R17E
15. Distance to nearest property or lease line (feet): 736'	16. Number of acres in lease: 640'	12. County: Duchesne
17. Number of acres assigned to this well: 40	18. Distance to nearest well, drilling, completed, or applied for, on this lease (feet): 1249'	13. State: UTAH
19. Proposed Depth: 6300'	20. Rotary or cable tools: Rotary	21. Elevations (show whether DF, RT, GR, etc.): 5148.5'
22. Approximate date work will start: 1st Quarter 1995		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	300'	216 Sx Class G + 2% CaCl
7 7/8	5 1/2	17#	TD	348 Sx Hilift followed by
				428 Sx Class G w/ 2% CaCl

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

24. Name & Signature: Brad Mechem *Brad Mechem* Title: Operations Manager Date: 12/19/94

(This space for State use only)

API Number Assigned: 43-013-31498

Approval: 1/17/95
DATE: 1/17/95
BY: JM Matthews
WELL SPACING: R649-3-2

(193) (See Instructions on Reverse Side)

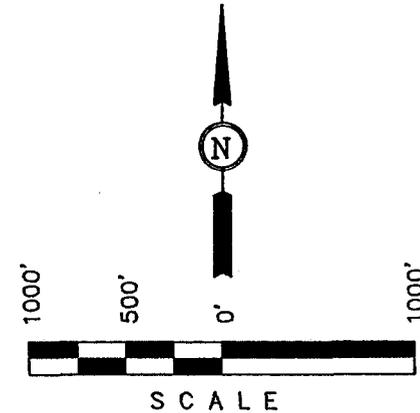
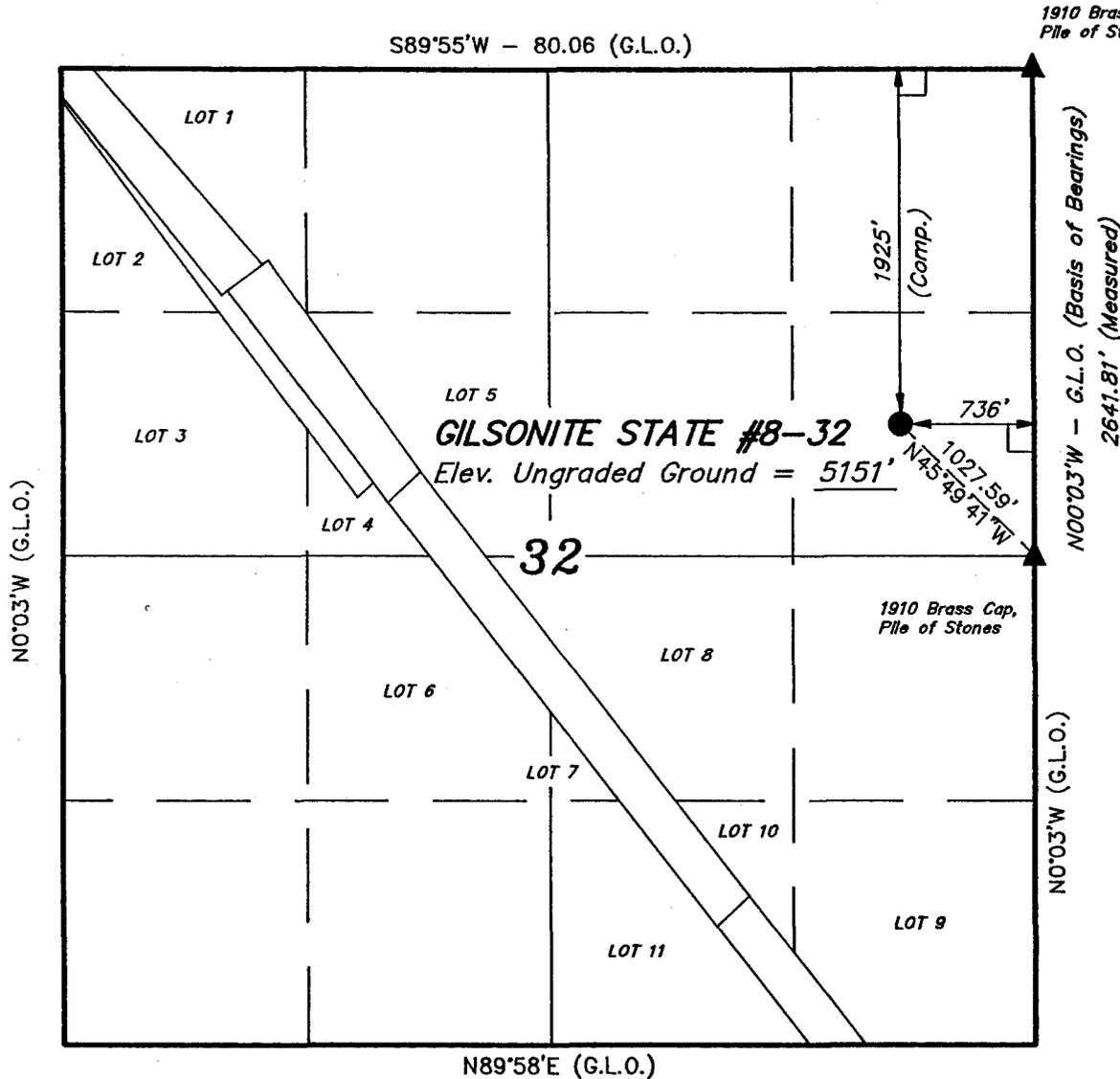
T8S, R17E, S.L.B.&M.

LOMAX EXPLORATION CO.

Well location, GILSONITE STATE #8-32, located as shown in the SE 1/4 NE 1/4 of Section 32, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 32, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5173 FEET.



CERTIFICATE

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

Robert L. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161318
 STATE OF UTAH

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

LEGEND:

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

SCALE 1" = 1000'	DATE SURVEYED: 11-1-94	DATE DRAWN: 11-5-94
PARTY J.F. D.G. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE LOMAX EXPLORATION CO.	

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

December 29, 1994



*State of Utah
Division of Oil, Gas & Mining
ATTN: Mike Hebertson
355 West North Temple
Three Triad Center - Suite 350
Salt Lake City, Utah 84180-1203*

*RE: Gilsonite State #8-32
SE/NE Sec. 32, T8S, R17E
Duchesne County, Utah*

Dear Mike,

Please find enclosed the Application for Permit to Drill on the above referenced well.

If you have any questions, please do not hesitate to contact me at the Roosevelt office, (801) 722-5103.

*Sincerely,
Brad Mechem
Brad Mechem
Operations Manager*

*bm/cc
Enclosures*

**LOMAX EXPLORATION COMPANY
GILSONITE STATE #8-32
GILSONITE UNIT
SE/NE SECTION 32, T8S, R17E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 3030'
Green River	3030'
Wasatch	6070'

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

Green River Formation 4800' - 5900' Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

A 8" Double Ram Hydraulic unit with a closing unit will be utilized. Pressure test of BOPS's will be checked daily.

(See Exhibit D)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the J zone and with mud there after. The mud system will be a water based gel-chemical, weighted to 10.0 ppg as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

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

8. TESTING, LOGGING AND CORING PROGRAMS:

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Compensated Neutron-Formation Density Log, Formation Microscan and NMR Logs. Rotary diamond sidewall cores may be taken in prospective reservoirs. Logs will run from TD to 3500'. The cement log will be run from PBTD to cement top.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence in the first quarter of 1995. approximately 9 days to drill.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

Please be advised that LOMAX EXPLORATION COMPANY is considered to be the operator of Well #8-32 SE/NE Section 32, Township 8S, Range 17E: Lease #ML-22061 Unit Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

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

12-29-94
Date

Brad Mecham
Brad Mecham
Regional Production Manager

Lomax Exploration Company

P.O. Box 1446
Roosevelt, Utah 84066
(801) 722-5103
FAX (801) 722-9149

November 7, 1994



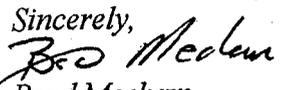
State of Utah
Division of Oil, Gas & Mining
ATTN: Mike Hebertson
355 West North Temple
Three Triad Center - Suite 350
Salt Lake City, Utah 84180-1203

RE: Gilsonite State # 8-32
Sec. 32, T8S, R17E
Duchesne County, Utah

Dear Mr. Hebertson,

Please find enclosed the Notice of Staking on the above referenced well.

If you have any questions, please do not hesitate to contact me at the Roosevelt office, (801) 722-5103.

Sincerely,

Brad Mecham
Operations Manager

bm/cc
Enclosures

NOTICE OF STAKING Not to be used in place of Application for Permit to Drill (Form 3160-3)		6. Lease Number ML 22060	
1. Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (Specify)		7. If Indian, Allottee or Tribe Name	
2. Name of Operator: LOMAX EXPLORATION COMPANY		8. Unit Agreement Name Gilsonite Unit	
3. Name of Specific Contact Person: BRAD MECHAM		9. Farm or Lease Name Gilsonite State	
4. Address & Phone No. of Operator or Agent PO Box 1446 Roosevelt, UT 84066 (801) 722-5103		10. Well No. # 8-32	
5. Surface Location of Well 1925' FNL 736' FEL		11. Field or Wildcat Name	
Attach: a) Sketch showing road entry onto pad, pad dimensions, and reserve pit. b) Topographical or other acceptable map showing location, access road, and lease boundaries.		12. Sec., T., R., M., or Blk and Survey or Area Sec 32, T8S, R17E	
15. Formation Objective(s) Green River	16. Estimated Well Depth 6300'	13. County, Parish, or Borough Duchesne	14. State Utah
17. Additional Information (as appropriate; shall include surface owner's name, address and, if known, telephone number)			

18. Signed Brad Mecham  Title Operations Manager Date 11/4/94

Note: Upon receipt of this Notice, the Bureau of Land Management (BLM) will schedule the date of the onsite predrill inspection and notify you accordingly. The location must be staked and access road must be flagged prior to the onsite.

Operators must consider the following prior to the onsite:

- a) H₂S Potential
- b) Cultural Resources (Archeology)
- c) Federal Right of Way or Special Use Permit

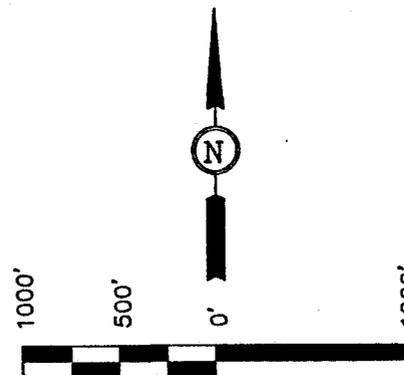
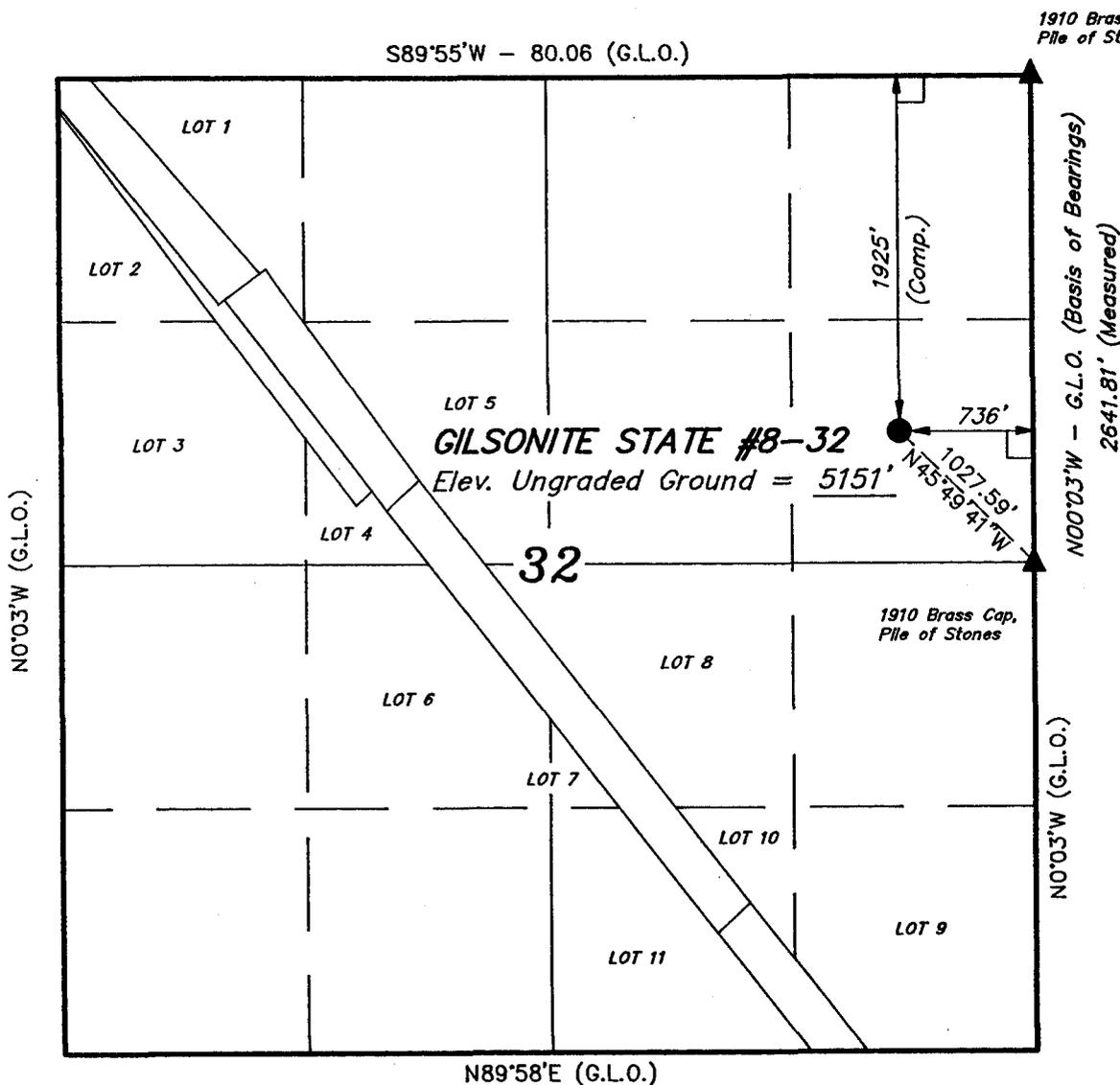
T8S, R17E, S.L.B.&M.

LOMAX EXPLORATION CO.

Well location, GILSONITE STATE #8-32, located as shown in the SE 1/4 NE 1/4 of Section 32, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

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Robert L. Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161219
 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(801) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 11-1-94	DATE DRAWN: 11-5-94
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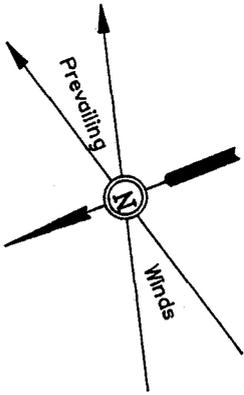
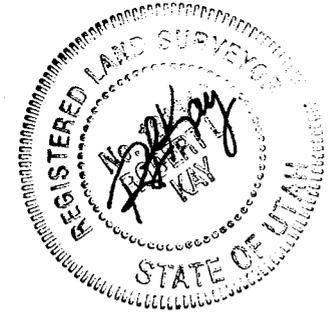
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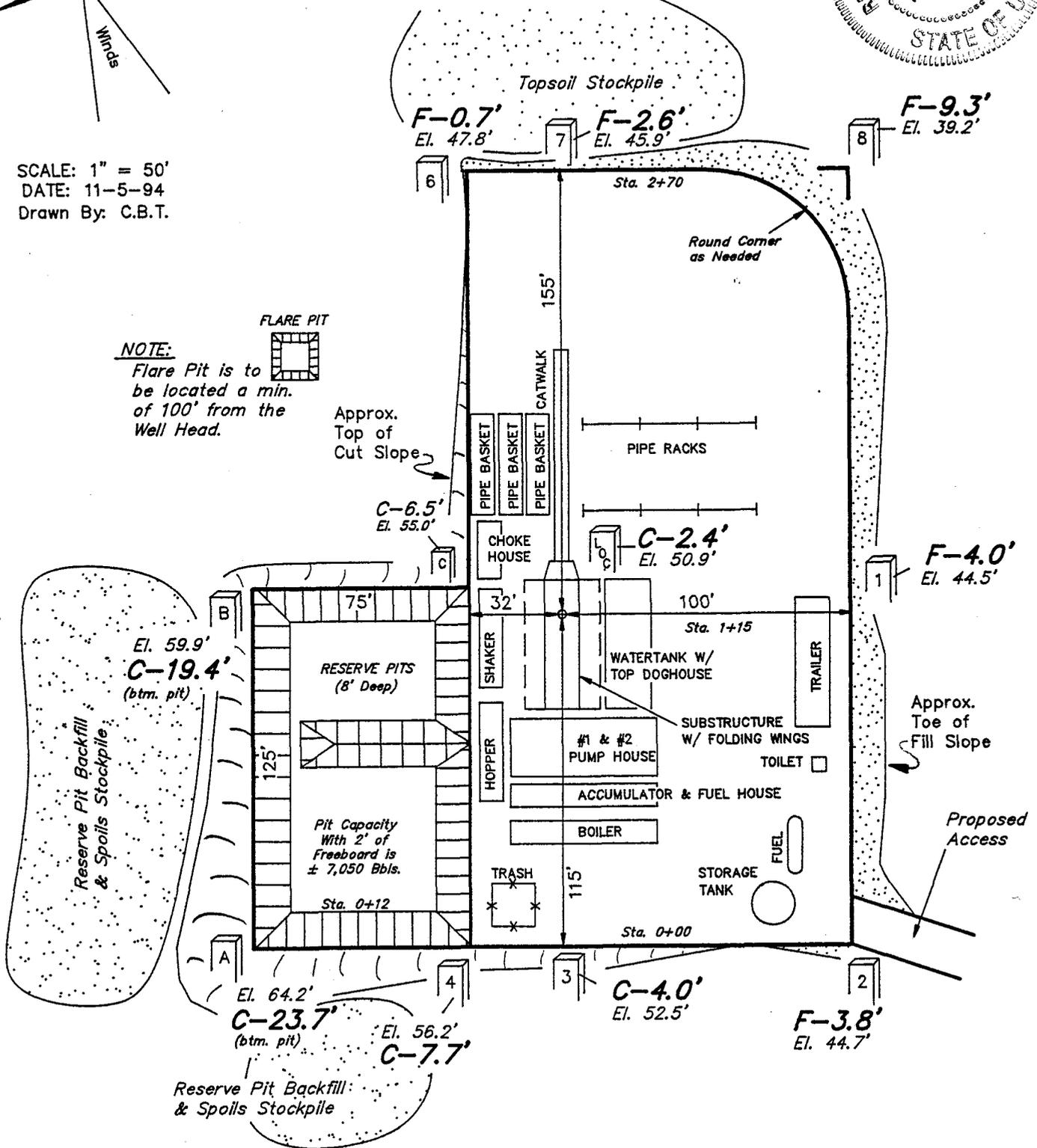
LOMAX EXPLORATION CO.

LOCATION LAYOUT FOR

GILSONITE STATE #8-32
SECTION 32, T8S, R17E, S.L.B.&M.
1925' FNL 736' FEL



SCALE: 1" = 50'
DATE: 11-5-94
Drawn By: C.B.T.



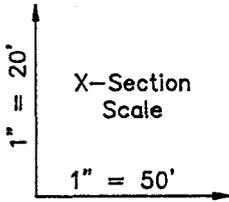
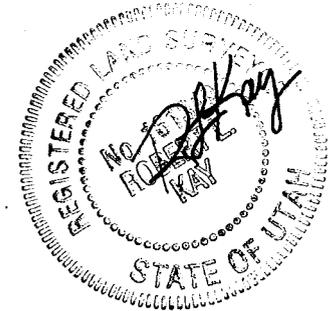
Elev. Ungraded Ground at Location Stake = 5150.9'

Elev. Graded Ground at Location Stake = 5148.5'

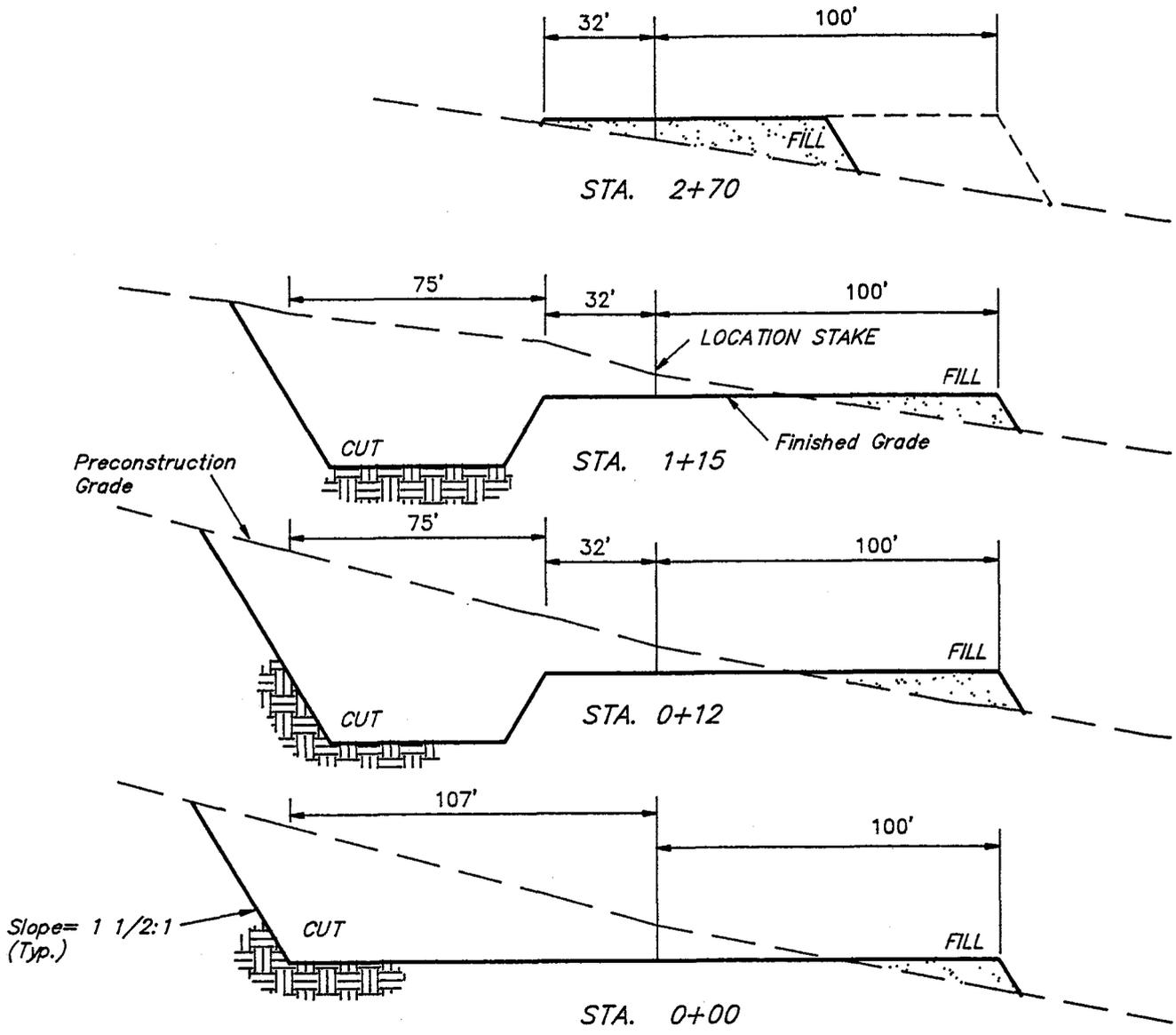
LOMAX EXPLORATION CO.

TYPICAL CROSS SECTIONS FOR

GILSONITE STATE #8-32
SECTION 32, T8S, R17E, S.L.B.&M.
1925' FNL 736' FEL



DATE: 11-5-94
Drawn By: C.B.T.

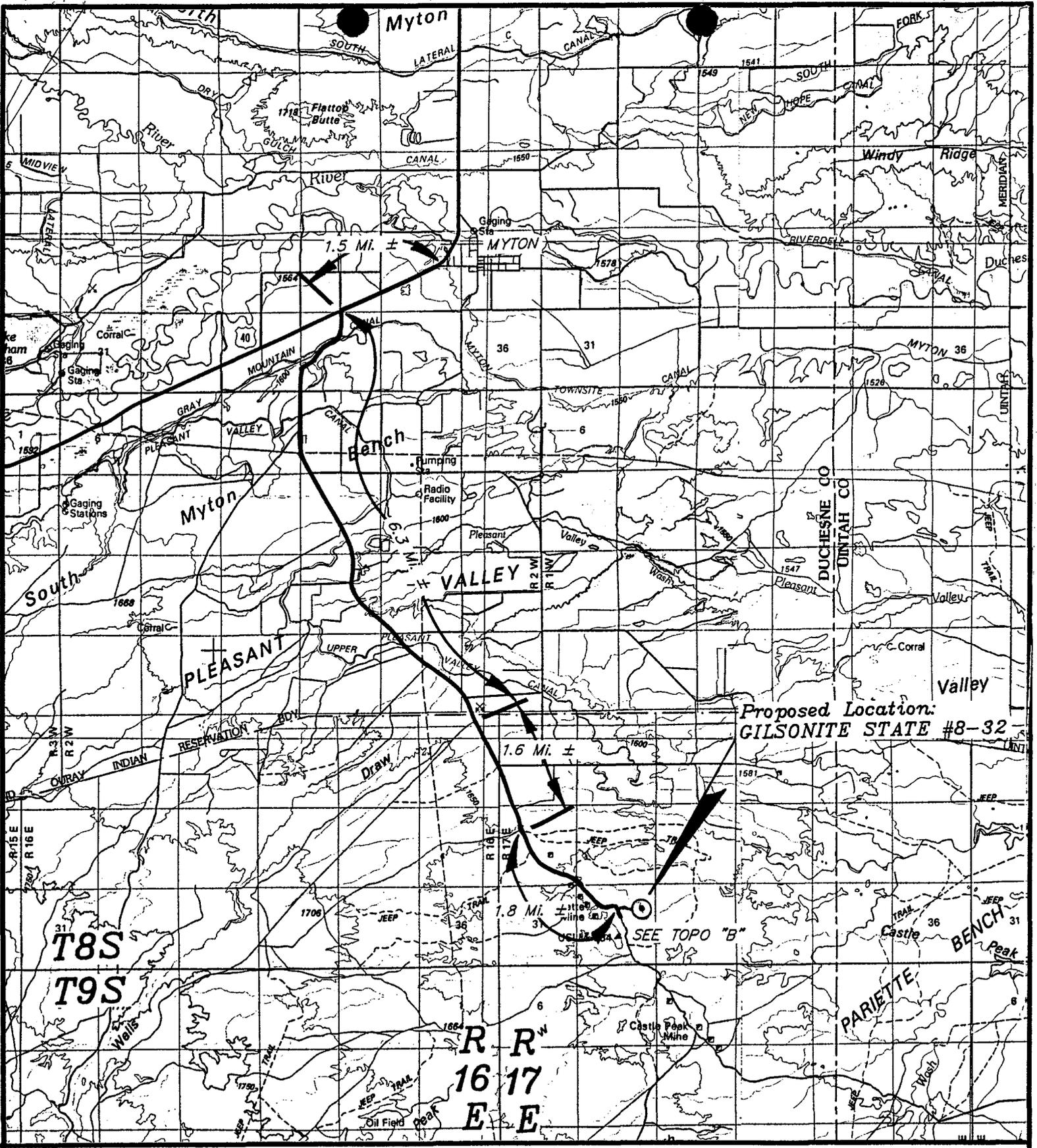


APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	= 840	Cu. Yds.
Remaining Location	= 5,630	Cu. Yds.
TOTAL CUT	= 6,470	CU. YDS.
FILL	= 4,340	CU. YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,900	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,900	Cu. Yds.
EXCESS CUT MATERIAL	= 0	Cu. Yds.

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



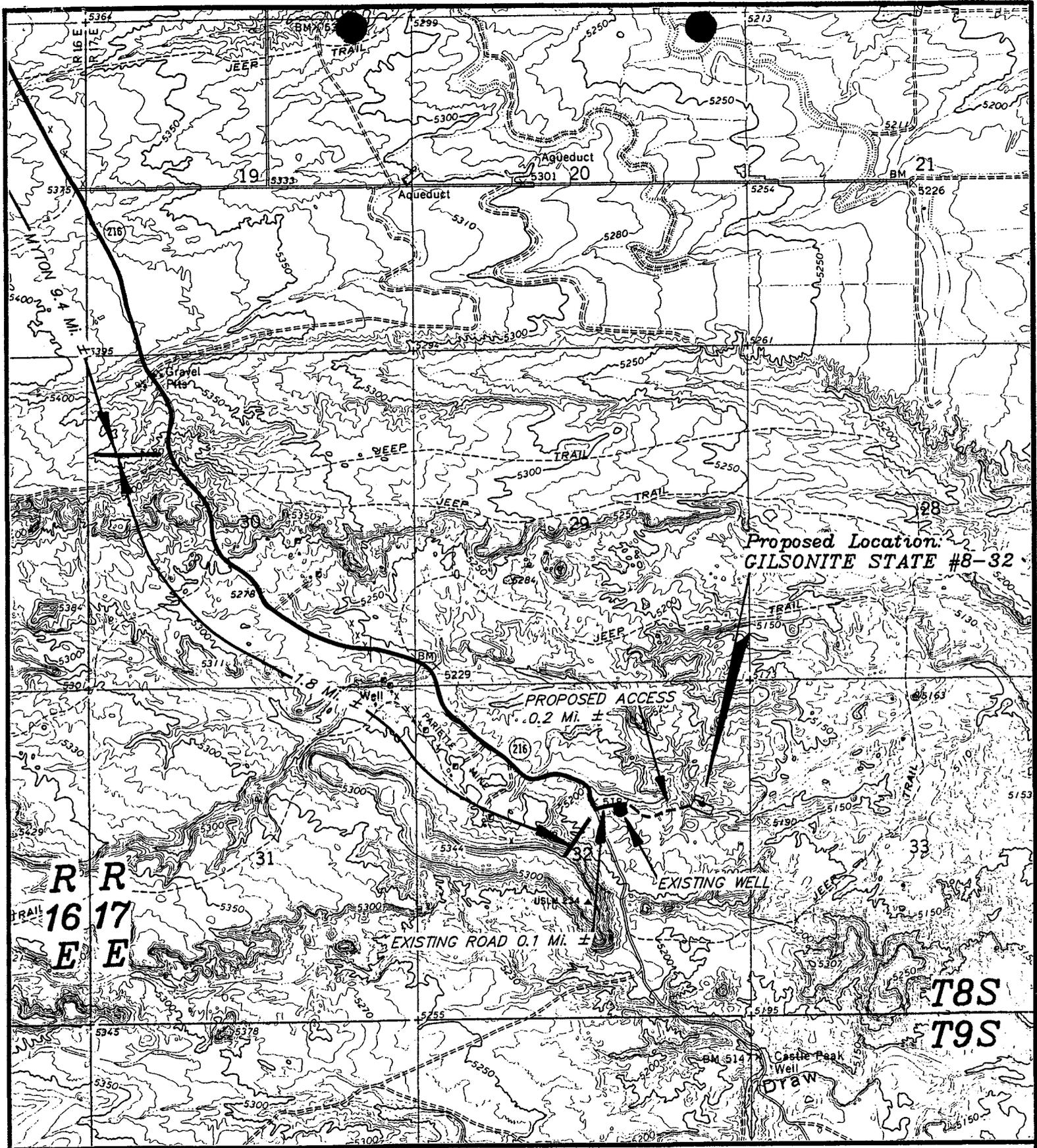
TOPOGRAPHIC
MAP "A"



LOMAX EXPLORATION CO.

GILSONITE STATE #8-32
SECTION 32, T8S, R17E, S.L.B.&M.
1925' FNL 736' FEL

DATE: 11/4/94 D.COX



TOPOGRAPHIC
MAP "B"

SCALE: 1"=2000'

DATE: 11/4/94 D.COX



LOMAX EXPLORATION CO.

GILSONITE STATE #8-32
SECTION 32, T8S, R17E, S.L.B.&M.
1925' FNL 736' FEL

**A CULTURAL RESOURCES SURVEY OF LOMAX WELLS
GILSONITE STATE 8-32 AND 14-32, DUCHESNE COUNTY, UTAH**

by

Jacki A. Montgomery
Consulting Archaeology

Prepared for:

Lomax Exploration Company
P.O. Box 1446
Roosevelt, Utah 84066

Prepared by:

Sagebrush Archaeological Consultants, L.L.C.
3670 Quincy Ave, Suite 203
Ogden, Utah 84403

Utah State Antiquities Permit No. U-94-SJ-713s

Archaeological Report No. 712

November 7, 1994

INTRODUCTION

Cultural resource inventories were conducted by Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) on November 1 and 2, 1994 for Lomax Exploration Company (Lomax) of Roosevelt, Utah. The two proposed drill locations are Gilsonite State 8-32 and Gilsonite State 14-32 located on State of Utah lands in Duchesne County, Utah (Figure 1).

The legal location for Gilsonite State 8-32 is the SE 1/4 NE 1/4 of S. 32, T. 8S., R. 17E., (Footage 1925 FNL, 736 FEL) (USGS 7.5' Quadrangle Myton SE, UT [1964]). An access road for the well head was approximately 800 feet (ft) in length, extending east-west from a pre-existing well pad. The proposed well location lies on a residual surface next to a shallow drainage.

Gilsonite State 14-32 is located in the SE 1/4 SW 1/4 of S. 32, T. 8S., R. 17E., (Footage 795 FSL, 2005 FWL) (USGS 7.5' Quadrangle Myton SE, UT [1964]). Its access road extends approximately 400 ft to the south from an existing two-track. The proposed well location occurs on a sandy bench between two dry drainages.

The inventories were performed by Jacki A. Montgomery, Consulting Archaeologist with Sagebrush, under the authority of Utah State Antiquities Permit No. U-94-SJ-713s. A file search for previous surveys, recorded archaeological sites and paleontological localities was carried out by Ann S. Polk and Kathie A. Davies on October 31, 1994 at the Division of State History, Utah State Historic Preservation Office in Salt Lake City. Also, the National Register of Historic Places (NRHP) was consulted. No sites were found to be in the vicinity of the current project area.

A total of four cultural resources projects have been previously conducted in the vicinity of the current project areas. Following is a brief description of each of these projects.

In 1981, Nickens and Associates conducted a cultural resources survey of a transmission line for the Bonanza Power Plant Project (Christensen 1981). No cultural resources sites nor paleontological localities were located in the vicinity of the current project area during this survey.

In 1987, Archeological Environmental Research Corporation (AERC) surveyed three well locations and found no cultural resources sites in the vicinity of the present project area (Hauck 1987).

In 1992, AERC survey seven proposed well locations for Balcron Oil Company and found one site, 42Dc766, in the vicinity of the present project (Hauck 1992).

In 1993, Sagebrush carried out a cultural resources survey of the Gilsonite State #13-32 well and access road (Weymouth 1993). No cultural or paleontological resources were located during this survey.

In addition to the aforementioned projects, seven cultural resources sites and one paleontological locality have been previously recorded in the area. Following is a brief description of each of these sites and locality.

Cultural Resources Sites

Site 42Dc349. This site, located in a small arroyo north of Castle Peak Draw, is a sparse lithic scatter consisting of decortication flakes, biface manufacturing flakes, and one utilized flake. The site was recommended ELIGIBLE to the NRHP.

Site 42Dc350. This site, located in shallow dunes along the south side of Castle Peak Draw approximately 1.5 miles west-northwest of Castle Peak, consists of a sparse lithic scatter. This site has not been evaluated for eligibility to the NRHP.

Site 42Dc353. This site, located in desert pavement surfaces on top of an east-west ridge north of Castle Peak Draw, consists of a lithic scatter and temporary campsite. This site was recommended ELIGIBLE to the NRHP.

Site 42Dc372. This site consists of a sparse scatter of siltstone flakes and cores, and has no features or depth. This site is recommended NOT ELIGIBLE to the NRHP

Site 42Dc404. This site, located on the north side of a small draw approximately 0.5 mile north of Castle Peak, consists of a historic trash scatter. This site was recommended NOT ELIGIBLE to the NRHP.

Site 42Dc545. This site, located on a sand dune at the junction of a small draw and a main stream channel of Pariette Bench, is a lithic scatter consisting of primary and secondary reduction flakes, one biface, one awl, and one edge-modified cobble. The site was recommended ELIGIBLE to the NRHP.

Site 42Dc766. This site, located on the top of a low dune in a tributary wash just south of Castle Peak Draw, consists of a sparse scatter of secondary flakes. This site was recommended ELIGIBLE to the NRHP.

Paleontological Locality

Locality 42Dc012V. This locality, which lies in a tributary drainage just north of Castle Peak Draw, consists of a sparse scattering of small vertebrate fragments. The site has been evaluated as insignificant.

ENVIRONMENT

The proposed well pads occur approximately ten miles south of Myton, Utah and approximately two miles north of Pariette Bench. In general, this area lies within the Uintah physiographic subdivision of the Colorado Plateau (Stokes 1986). The project area is characterized by a low dissected tableland with eroding bedrock outcrops of sandstone and limestone. The surface sediments consist of an interfingering of fluvial deposits and thinly bedded Pleistocene lake bed deposits. Surface geology consists of very fine grained, buff colored sand which contains a moderate amount of Pleistocene gravels and angular rock fragments composed of quartzite, mudstone, blocky chert, limestone and sandstone. Elevation of the areas surveyed ranges between 5150 and 5240 ft a.s.l. The nearest water source is Castle Peak Draw, a seasonally flowing drainage, and further west is Wells Draw. The project area lies within a desert shrub vegetation community with dominant plants consisting of spiny hopsage, greasewood, rabbitbrush, desert buckwheat, snakeweed, prickly pear cactus and Indian ricegrass. Natural disturbance in the area consists of deflation and sheet wash erosion. Modern impacts surrounding the proposed well locations are pre-existing well pad locations, roads, and two-tracks.

METHODOLOGY

The survey area covered during this project consists of two ten acre parcels of land (660-by-660-ft) centered on proposed well heads and two access road corridors. These access roads connect the well locations to pre-existing well location access roads. The well pads were inventoried by the author in parallel transects spaced no more than 15 meters apart. The access roads, which totaled 0.2 miles in length, were walked in parallel and zig-zag transects spaced no more than 10 meters apart to cover a corridor width of 100 ft (30 m). The area surveyed on this project, including the two well pads and access roads, totaled 22.75 acres. Ground visibility was ranged from 50 to 75 percent.

RESULTS

The archaeological survey resulted in the documentation of two prehistoric isolated finds of artifacts (IF-A and IF-B) at proposed well location Gilsonite Fed. 14-32. Isolated Find A (IF-A) is situated in T. 8S., R. 17E., S. 32, SW/SE/NE/SW (Figure 1). It consists of three gray-white opaque chert secondary flakes scattered within a 15-by-20-m area. Isolated Find B (IF-B) is situated in T. 8S., R. 17E., S. 32, NE/NE/SE/SW (Figure 2). It consists of two gray-white opaque chert secondary flakes scattered within a 5-by-7-m area.

RECOMMENDATIONS

The cultural resource inventories of Lomax's two well locations and associated access roads resulted in the documentation of two isolated finds of artifacts. No paleontological resources were found. Based on these findings cultural and paleontological clearance is recommended for the proposed project.

This investigation was conducted with techniques which are considered to be adequate for evaluation cultural and paleontological resources which could be adversely affected by the project. However, should such resources be discovered during construction, a report should be made immediately to the Utah State Lands and Forestry Archaeologist, Kenny Wintch, in Salt Lake City.

REFERENCES CITED

Christensen, Diana

1981 *An Archaeological Survey of the Bonanza Castle Peak UPALCO Transmission Line, Bonanza Power Plant Project.* Nickens and Associates, Montrose, Colorado.

Hauck, F.R.

1987 *Cultural Resource Evaluation of Three Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah.* AERC, Project No. MEX-87-2. Bountiful, Utah.

Hauck, F.R.

1992 *Cultural Resource Evaluation of 7 Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah.* AERC, Project No. BLCR-92-8. Bountiful, Utah.

Stokes, William L.

1986 *Geology of Utah.* Utah Museum of Natural History, Salt Lake City.

Weymouth, Heather M.

1993 *A Cultural Resources Survey of Gilsonite State #13-32 Well and Access Road, Duchesne County, Utah.* Sagebrush Archaeological Consultants, L.L.C., Archaeological Report No. 631. Ogden, Utah.

JOHNSON WATER DISTRICT
R.R. 3 BOX 3188
ROOSEVELT, UT 84066
TELEPHONE (801) 722-2620

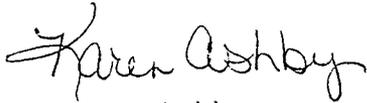
NOVEMBER 16. 1994

TO WHOM IT MAY CONCERN:

Lomax Exploration Company has purchased a 3 inch water connection with Johnson Water District to supply Monument Butte oilfield.

Johnson Water District has given permission to Lomax Exploration Company to use water from our system for the purpose of drilling and completing the Gilsonite State 14-32. Gilsonite State 8-32. Gilsonite State 10-32.

Sincerely,



Karen Ashby.
Secretary

*GILSONITE STATE #8-32
SE/SW SECTION 32, T8S, R17E
DUCHESNE COUNTY, UTAH
LEASE #ML-22061*

HAZARDOUS MATERIAL DECLARATION

LOMAX EXPLORATION COMPANY guarantees that during the drilling & completion of the above referenced well, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986.

LOMAX EXPLORATION COMPANY guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

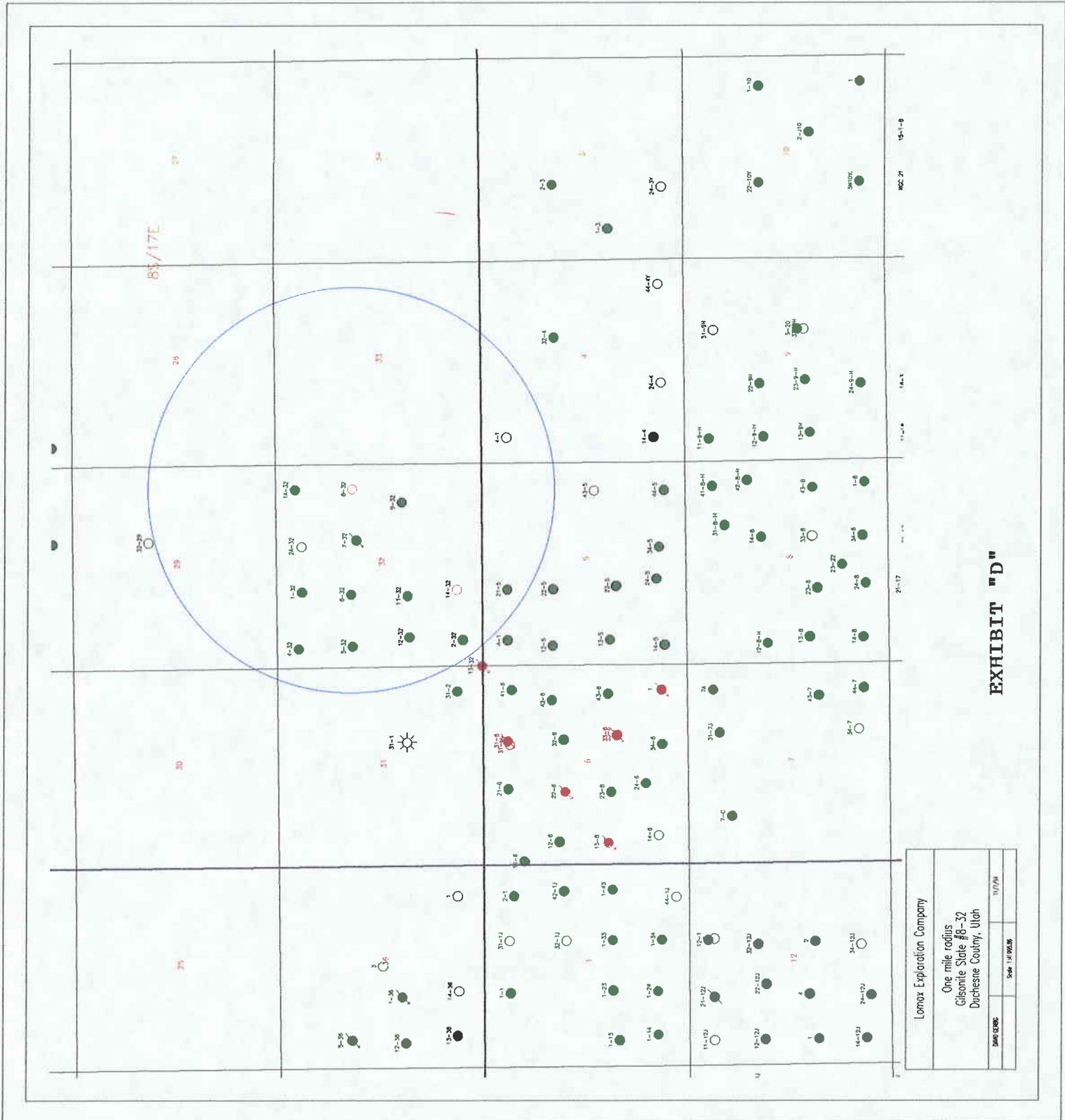
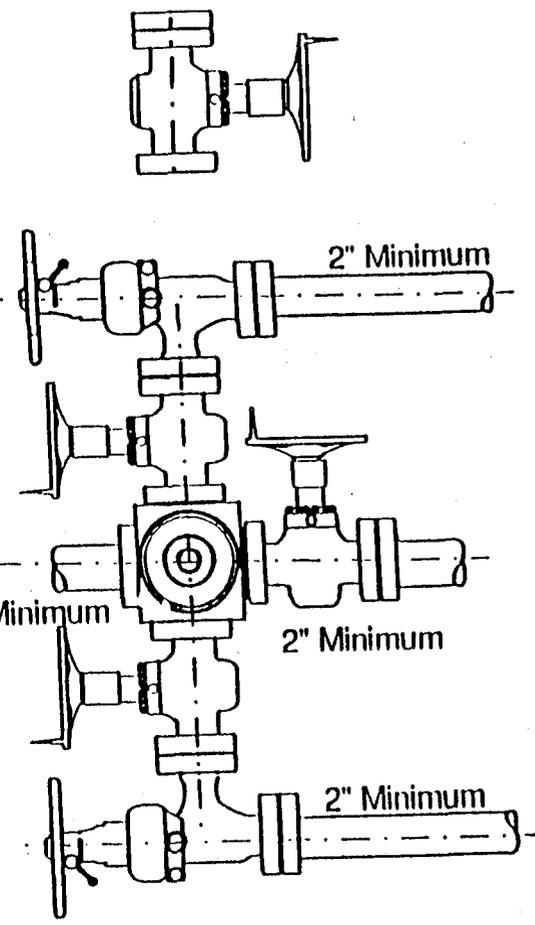
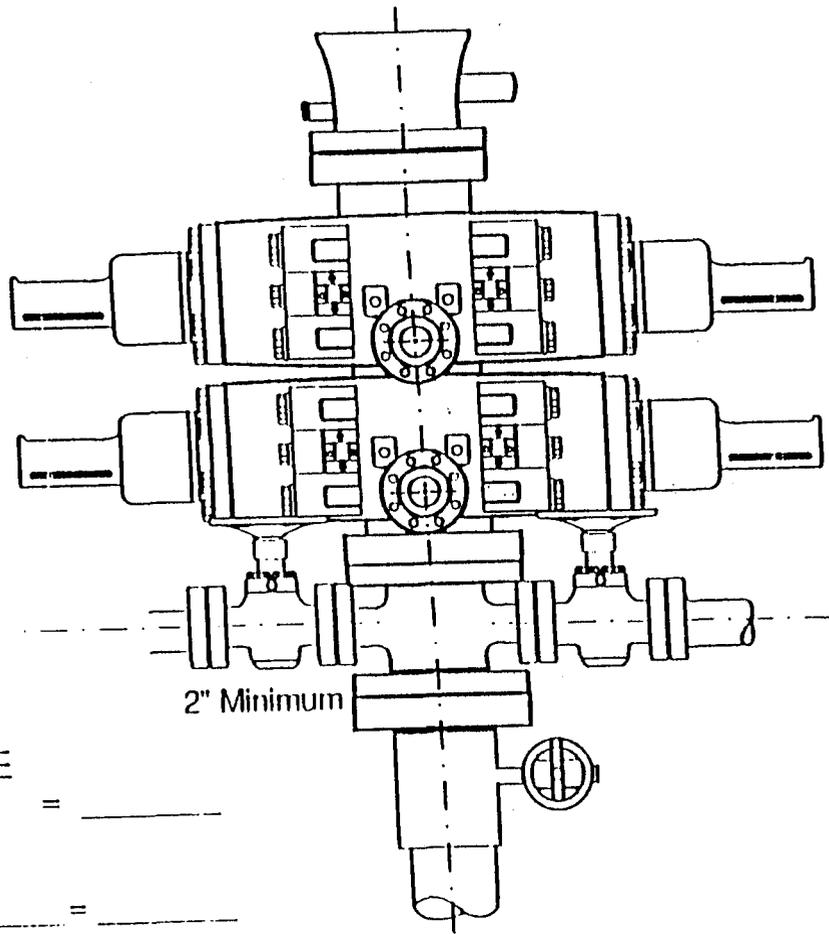


EXHIBIT "D"

2-M SYSTEM

M TYPE B.O.P.
 ke:
 ze:
 del:



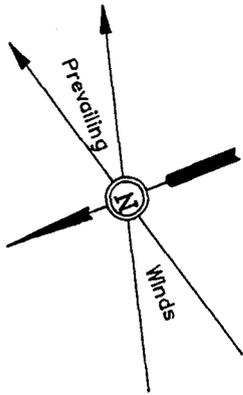
GAL TO CLOSE
 Annular BOP = _____
 Ramtype BOP
 _____ Rams x _____ = _____
 = _____ Gal.
 _____ x 2 = _____ Total Gal.

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

LOMAX EXPLORATION CO.

LOCATION LAYOUT FOR

GILSONITE STATE #8-32
SECTION 32, T8S, R17E, S.L.B.&M.
1925' FNL 736' FEL



SCALE: 1" = 50'
DATE: 11-5-94
Drawn By: C.B.T.

NOTE:

Flare Pit is to be located a min. of 100' from the Well Head.

FLARE PIT



Approx. Top of Cut Slope

C-6.5' El. 55.0'

C-2.4' El. 50.9'

F-4.0' El. 44.5'

El. 59.9'
C-19.4' (btm. pit)

Reserve Pit Backfill & Spoils Stockpile

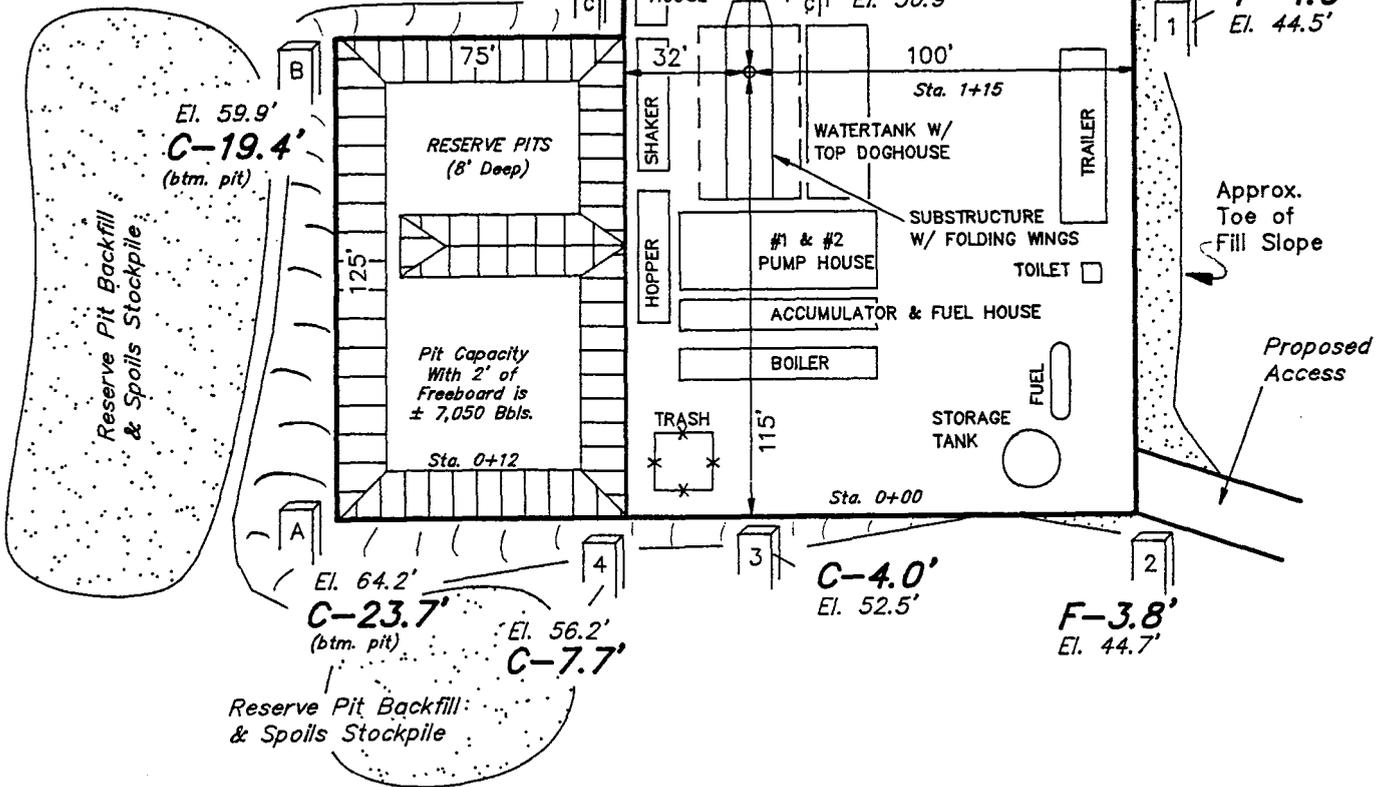
Reserve Pit Backfill & Spoils Stockpile

El. 64.2'
C-23.7' (btm. pit)

El. 56.2'
C-7.7'

C-4.0' El. 52.5'

F-3.8' El. 44.7'



Elev. Ungraded Ground at Location Stake = 5150.9'
Elev. Graded Ground at Location Stake = 5148.5'

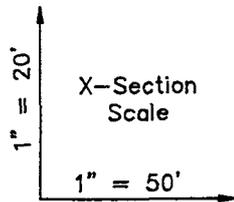
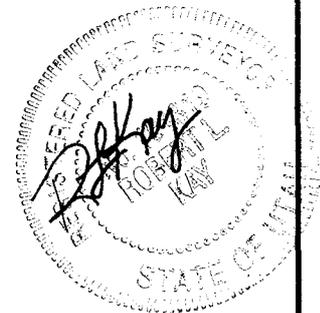
LOMAX EXPLORATION CO.

TYPICAL CROSS SECTIONS FOR

GILSONITE STATE #8-32

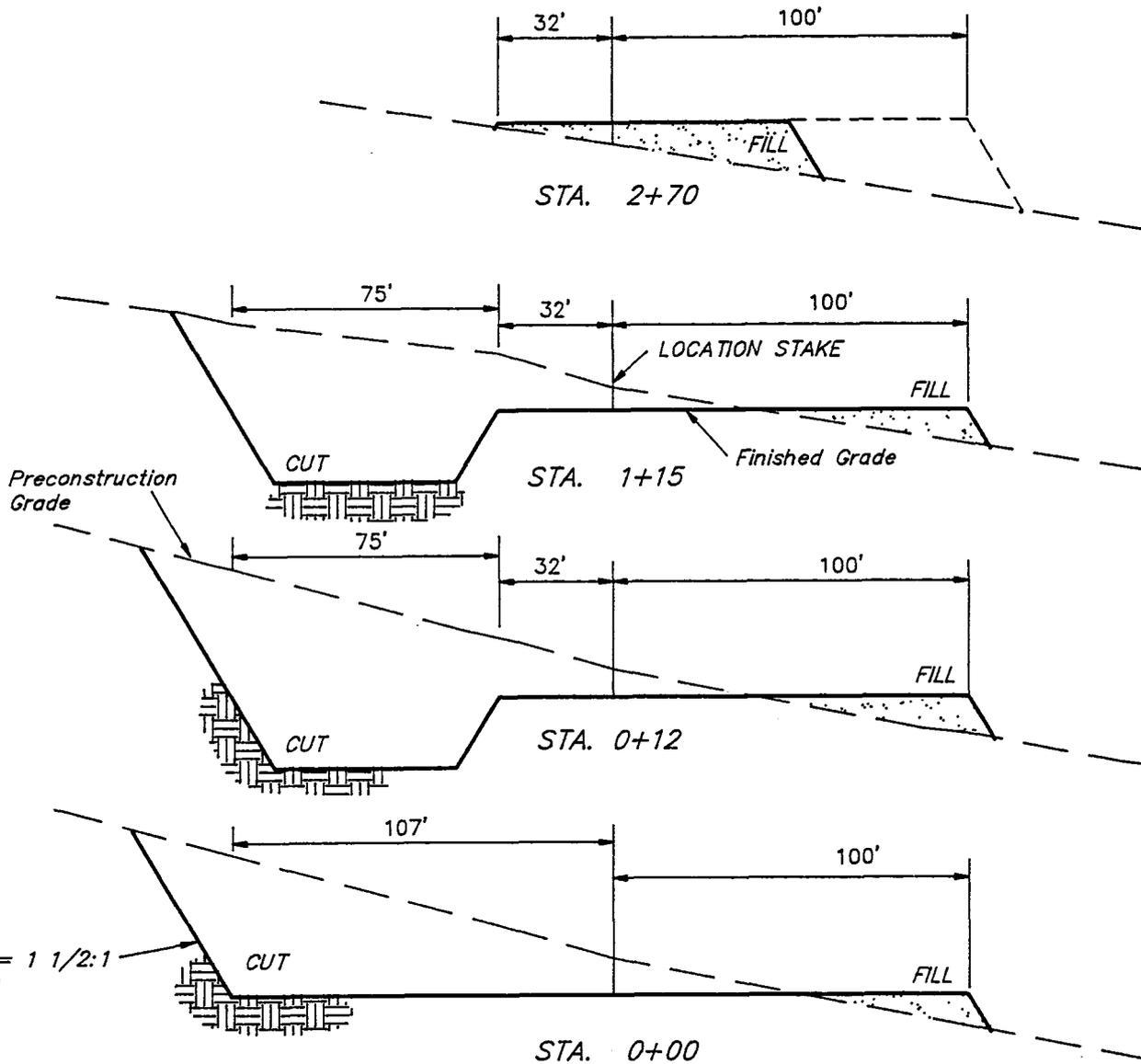
SECTION 32, T8S, R17E, S.L.B.&M.

1925' FNL 736' FEL



DATE: 11-5-94

Drawn By: C.B.T.

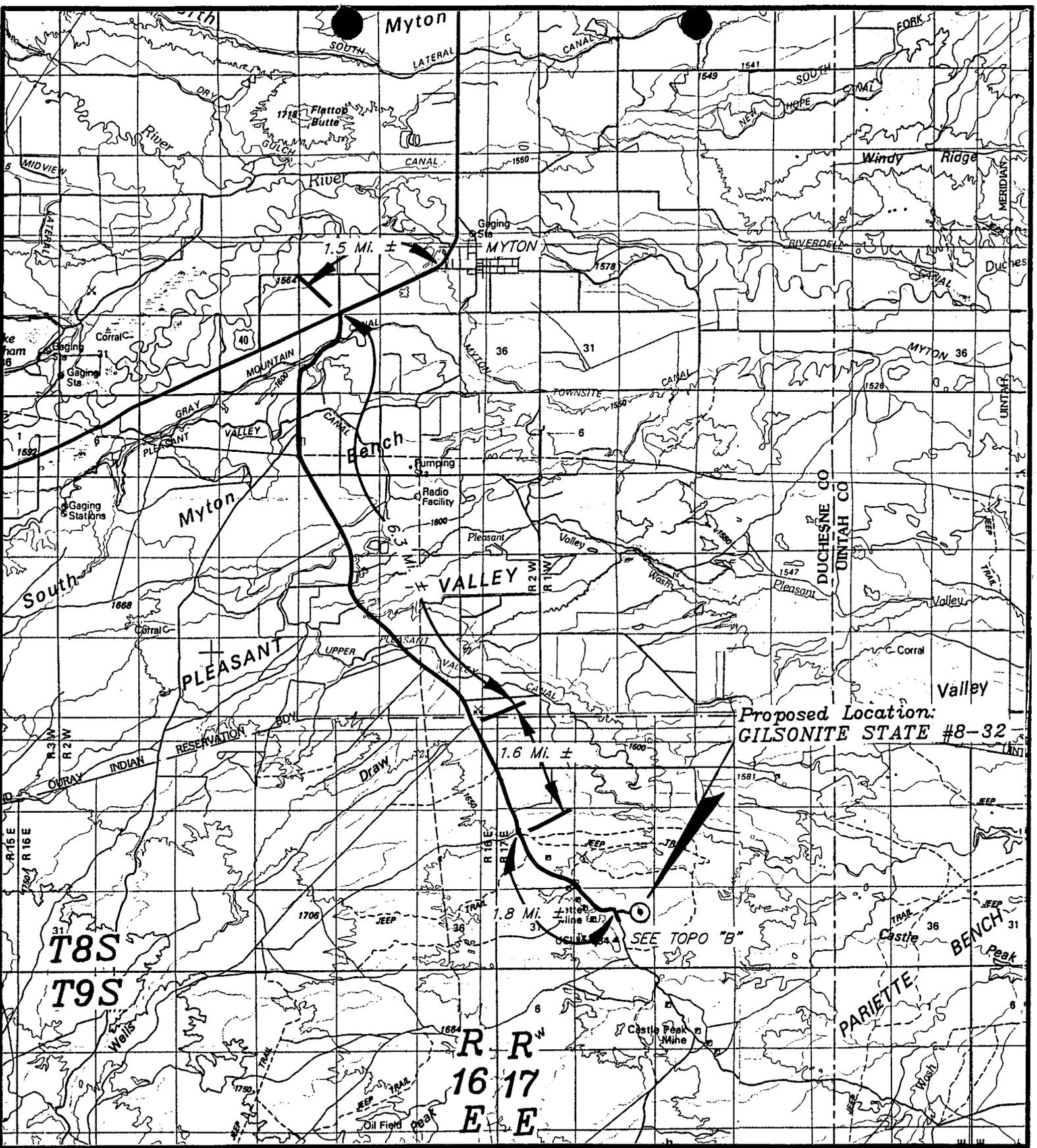


APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	= 840	Cu. Yds.
Remaining Location	= 5,630	Cu. Yds.
TOTAL CUT	= 6,470	CU. YDS.
FILL	= 4,340	CU. YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,900	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,900	Cu. Yds.
EXCESS CUT MATERIAL	= 0	Cu. Yds.

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



Proposed Location:
GILSONITE STATE #8-32

T8S
T9S

R R
16 17
E E

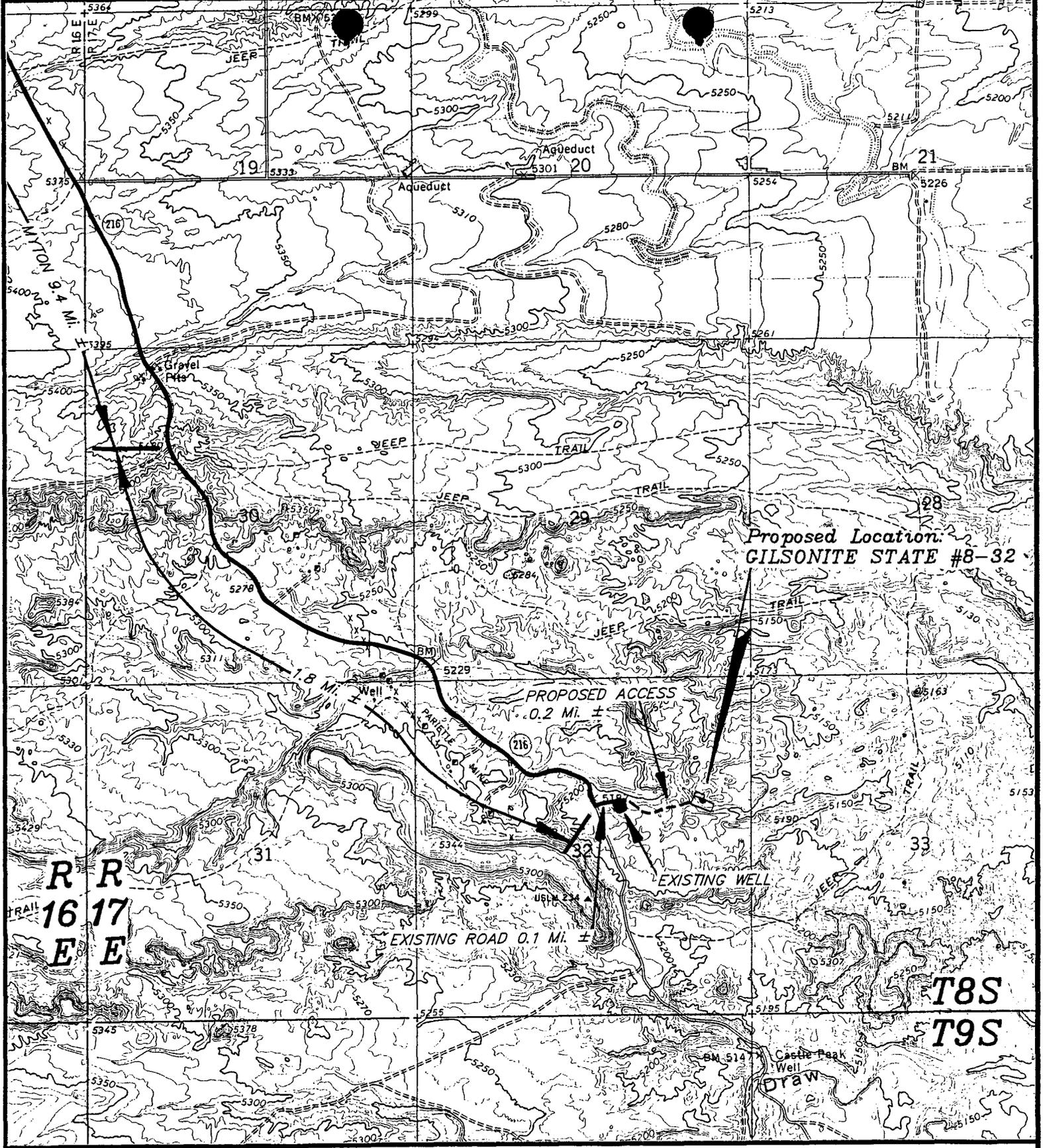
TOPOGRAPHIC
 MAP "A"



LOMAX EXPLORATION CO.

GILSONITE STATE #8-32
 SECTION 32, T8S, R17E, S.L.B.&M.
 1925' FNL 736' FEL

DATE: 11/4/94 D.COX



TOPOGRAPHIC
MAP "B"

SCALE: 1"=2000'

DATE: 11/4/94 D.COX



LOMAX EXPLORATION CO.

GILSONITE STATE #8-32
SECTION 32, T8S, R17E, S.L.B.&M.
1925' FNL 736' FEL

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/03/95

API NO. ASSIGNED: 43-013-31498

WELL NAME: GILSONITE STATE 8-32
OPERATOR: LOMAX EXPLORATION COMPANY (N0580)

PROPOSED LOCATION:
SENE 32 - T08S - R17E
SURFACE: 1925-FNL-0736-FEL
BOTTOM: 1925-FNL-0736-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

INSPECT LOCATION BY: 12/20/94		
TECH REVIEW	Initials	Date
Engineering	<i>gmm</i>	<i>1/17/95</i>
Geology	<i>PS</i>	<i>12-16-95</i> <i>rev. 1-6-95</i>
Surface	<i>DI</i>	<i>11-16-94</i>

LEASE TYPE: STA
LEASE NUMBER: ML-22061

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Federal[] State[Fee[]
(Number 4488944)
- Potash (Y/N)
- Oil shale (Y/N)
- Water permit
(Number JOHNSTON)
- RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

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

COMMENTS:

STIPULATIONS: *1. The Reserve pit shall be lined w/12 mil liner. thickness*
2. The Location shall be bermed on the north side to prevent erosion.

LOMAX EXPLORATION
WATERFLOOD DEVELOPMENT
GILSONITE STATE 8-32
SEC. 32, T 8 S, R 17 E
DUCHESNE COUNTY

R 16 E

R 17 E

MONUMENT BUTTE FIELD

● GILSONITE STATE 8-32

● GILSONITE STATE 10-32

T 8 S

T 9 S

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas and Mining

OPERATOR: LOMAX EXPLORATION CO WELL NAME: GILSONITE ST #8-32
SECTION: 32 TWP: 8S RNG: 17E LOC: 1925' PNL 736 FEL
QTR/QTR SE/NE COUNTY: DUCHESNE FIELD: MONUMENT BUTTE
SURFACE OWNER: STATE LANDS
SURFACE AGREEMENT: AS REQUIRED BY STATE LANDS
SPACING: F SECTION LINE F QTR/QTR LINE F ANOTHER WELL
GEOLOGIST: DENNIS INGRAM DATE AND TIME: 11:15 AM 11/16/94
PARTICIPANTS BRAD MECHAM (LOMAX), DENNIS INGRAM (DOGMI)

REGIONAL SETTING/TOPOGRAPHY

SITE IS SET ON BENCH NORTH OF WASH WITH ROLLING HILLS TO NORTH AND
SOUTHWEST OF SAME. LEASE IS LOCATED IN ARID DESRT CLIMATE. ACCESS
WILL CROSS WASH BUT IS NOT A PROBLEM BECASUE OF SANDSTONE BASE.
LOCATION HAS BEEN MOVED TO THE NORTH AND WEST SO LOCATION WILL FIT.

LAND USE:

CURRENT SURFACE USE: LANDS HAVE HAD SHEEP GRAZING IN PAST; LAND
IS ALSO USED BY VARIOUS WILDLIFE POPULATIONS.

PROPOSED SURFACE DISTURBANCE: ACCESS WILL BE THROUGH #7-32 AND
ACROSS SANDSTONE WASH. ROAD WILL EXTEND FOR APPROXIMATELY 1300
FEET.

AFFECTED FLOODPLAINS AND/OR WETLANDS: N/A ON WETLANDS. WASH WILL
CARRY FLOOD WATERS FROM RAIN STORMS BUT SHOULDN'T BE A PROBLEM
BECAUSE WASH BOTTOM IS SANDSTONE. ROAD ACCESS COULD BE EFFECTED.
FLORA/FAUNA: SAGEBRUSH, GREASEWOOD, SOME NATIVE GRASSES, VERY
ARID. ANTELOPE, COYOTES, RABBITS, SMALL BIRDS, RAPTORS, REPTILES

ENVIRONMENTAL PARAMETERSSURFACE GEOLOGY

SOIL TYPE AND CHARACTERISTICS: SANDY AND PORUS

SURFACE FORMATION & CHARACTERISTICS: UINTA FORMATION

EROSION/SEDIMENTATION/STABILITY: WILL SEE EROSION FROM
RAIN AND RUN-OFF

PALEONTOLOGICAL POTENTIAL: NO

SUBSURFACE GEOLOGY

OBJECTIVES/DEPTHS: ___ 6300 FEET LOOKING FOR OIL. _____

ABNORMAL PRESSURES-HIGH AND LOW: ___ NO _____

CULTURAL RESOURCES/ARCHAEOLOGY: ___ TO BE SUBMITTED BY OPERATOR _____

CONSTRUCTION MATERIALS: ___ NATIVE MATERIAL USING CUT AND FILL. _____

SITE RECLAMATION: ___ DETERMINED BY STATE LANDS _____

RESERVE PIT

CHARACTERISTICS: ___ RESERVE PIT SHALL BE 75' BY 125' BY 8' DEEP AND
LOCATED UPHILL, OR TO THE NORTH, OF DRILL SITE. EQUIPMENT COULD
ENCOUNTER SANDSTONE SHELVES AFTER CUTTING 8 TO 10 FEET _____
LINING: ___ YES _____

MUD PROGRAM: ___ OPERATOR WILL DRILL WITH FRESH WATER UNTIL REACHING
A DEPTH OF 3000 FEET, THEN CONVERT SYSTEM TO WATER BASE GEL. _____

DRILLING WATER SUPPLY: ___ JOHNSON WATER FROM THE 7-32 DISPOAL WELL
WILL BE USED FOR DRILLING PURPOSES. WILL BE TRUCKED. _____

OTHER OBSERVATIONS

STIPULATIONS FOR APD APPROVAL

___ RESERVE PIT WILL HAVE 12 MIL LINER _____
___ DEVERTOR, OR SMALL BERM, SHOULD BE BUILT TO NORTH OF LEASE IF ___
___ LOCATION ISN'T ELEVATION ABOVE SURROUNDING LANDS TO PREVENT _____
___ EROSION. _____

ATTACHMENTS

PHOTOS OF LAND BEFORE DISTURBANCE FOR WELL FILES FOR REVIEW IN
DETERMINING REHAB REQUIREMENTS.



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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

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

January 17, 1995

Lomax Exploration Company
P.O. Box 1446
Roosevelt, Utah 84066

Re: Gilsonite State #8-32 Well, 1925' FNL, 736' FEL, SE NE, Sec. 32, T. 8 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. The reserve pit shall be lined with 12 mil thickness liner.
2. The location shall be bermed on the north side to prevent erosion.
3. Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules.
4. Notification to the Division within 24 hours after drilling operations commence.
5. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
6. Submittal of the Report of Water Encountered During Drilling, Form 7.
7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.



Page 2
Lomax Exploration Company
Gilsonite State #8-32 Well
January 17, 1995

8. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or K. Michael Hebertson, Reclamation Specialist, (Home) (801)269-9212.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31498.

Sincerely,



R.J. Firth
Associate Director

ldc
Enclosures
cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office
WO11

Lomax Exploration Company

A subsidiary of Inland Resources Inc.



July 13, 1995

State of Utah Department of Natural Resources
Attention: Ms Becky Pritchett
355 W. North Temple
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204

RE: Corporate Name Change

Dear Sir or Madame:

Effective July 1, 1995, Lomax Exploration Company will have taken the steps necessary to change its name to **Inland Production Company**. A Certificate issued by the Texas Secretary of State evidencing the name change is attached for your files. We have also attached to this letter those Utah State leases (Exhibit "B") and wells (Exhibit "A") affected by this name change. We have attempted to provide a complete list from the records we have. The intent is to include all leases and wells that Lomax Exploration Company operates or has an interest in.

Riders changing the Principal from Lomax Exploration Company to Inland Production Company under Nationwide Oil and Gas Bond # 4488944 for Lomax Exploration Company will be furnished to the State of Utah in the very near future.

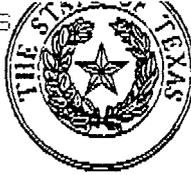
Please amend your records by substituting Inland Production Company in place of Lomax Exploration Company on the leases and wells listed on the attached exhibits. In the future we will begin submitting notices and permits for new operations after July 1, 1995 in the name of Inland Production Company.

Should a fee be required or should you need further information or documents relating to our name change please contact the undersigned at your convenience at the following number: (303) 292-0900 or Cheryl Cameron at our Roosevelt, Utah office (801) 722-5103.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Chris A. Potter".

Chris A Potter, CPL
Manager of Land



The State of Texas

Secretary of State
JUNE 30, 1995

MIKE PARSONS...GLAST, PHILLIPS & MURRAY
2200 ONE GALLERIA TWR, 13355 NOEL RD. LB48
DALLAS ,TX 75240-6657

RE:
INLAND PRODUCTION COMPANY
CHARTER NUMBER 00415304-00

IT HAS BEEN OUR PLEASURE TO APPROVE AND PLACE ON RECORD YOUR ARTICLES OF AMENDMENT. A COPY OF THE INSTRUMENT FILED IN THIS OFFICE IS ATTACHED FOR YOUR RECORDS.

THIS LETTER WILL ACKNOWLEDGE PAYMENT OF THE FILING FEE.

IF WE CAN BE OF FURTHER SERVICE AT ANY TIME, PLEASE LET US KNOW.

VERY TRULY YOURS,




Antonio O. Garza, Jr., Secretary of State



The State of Texas

Secretary of State

CERTIFICATE OF AMENDMENT

FOR

INLAND PRODUCTION COMPANY

FORMERLY

LOMAX EXPLORATION COMPANY
CHAPTER NUMBER 00415304

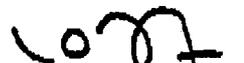
THE UNDERSIGNED, AS SECRETARY OF STATE OF THE STATE OF TEXAS,
HEREBY CERTIFIES THAT THE ATTACHED ARTICLES OF AMENDMENT FOR THE ABOVE
NAMED ENTITY HAVE BEEN RECEIVED IN THIS OFFICE AND ARE FOUND TO
CONFORM TO LAW.

ACCORDINGLY THE UNDERSIGNED, AS SECRETARY OF STATE, AND BY VIRTUE
OF THE AUTHORITY VESTED IN THE SECRETARY BY LAW, HEREBY ISSUES THIS
CERTIFICATE OF AMENDMENT.

DATED JUNE 29, 1995

EFFECTIVE JUNE 29, 1995




Antonio O. Garza, Jr., Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
LOMAX EXPLORATION COMPANY

FILED
In the Office of the
Secretary of State of Texas

JUN 29 1995

Corporations Section

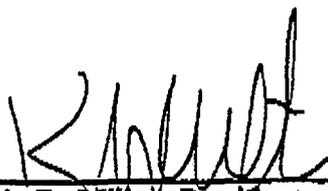
Pursuant to the provisions of Part Four of the Texas Business Corporation Act, the undersigned corporation adopts the following articles of amendment to its Articles of Incorporation:

1. Name. The name of the corporation is LOMAX EXPLORATION COMPANY.
2. Statement of Amendment. The amendment alters or changes Article One of the original Articles of Incorporation to read in full as follows:

"Article One. The name of the corporation is INLAND PRODUCTION COMPANY."

3. Shareholders. The number of shares of the corporation outstanding at the time of such adoption was 205,315, there being 107,546 Common Shares and 97,769 Non-voting Preferred Shares; and the number of shares entitled to vote thereon was 107,546.
4. Adoption by Shareholders. Only the holders of Common Shares of the corporation are entitled to vote on the amendment. The shareholders adopted the foregoing amendment by unanimous written consent dated June 23, 1995, pursuant to the provisions of Article 9.10 of the Texas Business Corporation Act and, therefore, no notice was required to be delivered under said Article 9.10.
5. Adoption by Board of Directors. The Board of Directors adopted said amendment by a consent in writing signed by all Directors.
6. Future Effective Date. This amendment will become effective on July 1, 1995, at 12:01 a.m.

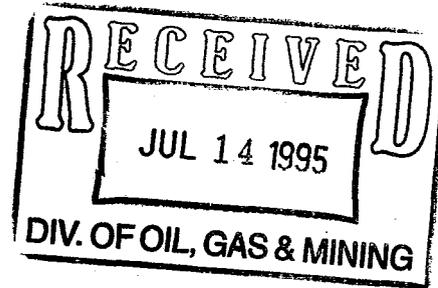
EXECUTED June 26, 1995.



Kyle R. Miller, President

Lomax Exploration Company

A subsidiary of Inland Resources Inc.



Announcing
Our Name Change

From

Lomax Exploration Company

To

**Inland Production
Company**

X N 5160 assigned 7/26/95. See

Field And Corporate Office Locations Remain The Same:

Corporate Office:

Inland Resources Inc.

475 Seventeenth Street, Suite 1500

Denver, CO 80202

Field Office:

W. Pole Line Road

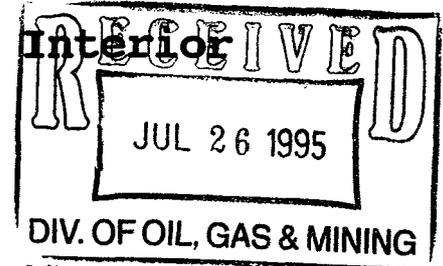
P.O. Box 1446

Roosevelt, Utah 84066

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



JUL 25 1995

IN REPLY REFER TO:
3100
SL-065914 et al
(UT-923)

NOTICE

Inland Production Company : Oil and Gas Leases
475 Seventeenth St., Ste. 1500 : SL-065914 et al
Denver, Colorado 80202 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Lomax Exploration Company to Inland Production Company on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

For our purposes, the name change is recognized effective June 29, 1995 (Secretary of State's approval date).

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Lomax Exploration Company to Inland Production Company on Bond No. 4488944 (BLM Bond No. UT0056). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to this office. BLM Bond Nos. MT0771 and WY0821 should also be changed for the bonds held by Montana and Wyoming respectively.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral
Leasing Adjudication

Enclosure
1-Exhibit (1 p)

cc: Hartford Accident & Indemnity Co.
Hartford Plaza
Hartford, CT 06115

bc: Moab District Office
Vernal District Office
Montana State Office
Wyoming State Office
Eastern States Office
MMS--Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
State of Utah, Attn: Lisha Cordova, Division of Oil, Gas & Mining,
355 West North Temple, 3 Triad Center, Suite 350, SLC, UT 84180
Teresa Thompson (UT-922)
Dianne Wright (UT-923)

EXHIBIT

SL-065914	U-36846	UTU-66185
SL-071572A	U-38428	UTU-67170
U-02458	U-45431	UTU-68548
U-15855	U-47171	UTU-69060
U-16535	U-50376	UTU-69061
U-26026	U-62848	UTU-72103
U-34173	UTU-65965	UTU-72104
U-36442	UTU-66184	UTU-73088

✓ MONUMENT BUTTE 16-34	43-013-31436	SEC. 34, T. 8S, R. 16E	DRL U16535
✓ BOUNDARY FEDERAL 14-21	43-013-31441	SEC. 21, T. 8S, R. 17E	DRL U50376
✓ GILSONITE STATE 10-32	43-013-31485	SEC. 32, T. 8S, R. 17E	DRL ML22061
✓ GILSONITE STATE 8-32	43-013-31498	SEC. 32, T. 8S, R. 17E	DRL ML22061
✓ MONUMENT FEDERAL 5-34	43-013-31499	SEC. 34, T. 8S, R. 16E	DRL U16535
✓ MONUMENT BUTTE FED 15-26	43-013-31502	SEC. 26, T. 8S, R. 16E	DRL U67170
✓ MONUMENT BUTTE ST 16-2	43-013-31510	SEC. 2, T. 9S, R. 16E	DRL ML21839
✓ MONUMENT BUTTE ST 8-2	43-013-31509	SEC. 2, T. 9S, R. 16E	DRL ML21839
✓ MONUMENT BUTTE FED 5-1	43-013-31507	SEC. 1, T. 9S, R. 16E	DRL U72103
✓ MONUMENT BUTTE FED 6-1	43-013-31506	SEC. 1, T. 9S, R. 16E	DRL U72103
✓ MONUMENT BUTTE FED 15-34	43-013-31511	SEC. 34, T. 8S, R. 16E	DRL U62848
✓ MONUMENT BUTTE FED 13-25	43-013-31513	SEC. 25, T. 8S, R. 16E	DRL U67170
✓ MONUMENT BUTTE 16-26	43-013-31517	SEC. 26, T. 8S, R. 16E	DRL U67170
✓ TRAVIS FEDERAL 8-33	43-013-31503	SEC. 33, T. 8S, R. 16E	DRL U34173
✓ PARIETTE DRAW FED 10-23	43-047-32672	SEC. 23, T. 8S, R. 17E	DRL U45431
✓ PARIETTE DRAW FED 8-23	43-047-32676	SEC. 23, T. 8S, R. 17E	DRL U45431
✓ PARIETTE DRAW FED 7-23	43-047-32673	SEC. 23, T. 8S, R. 17E	DRL U45431
✓ SUNDANCE STATE 5-32	43-047-32685	SEC. 32, T. 8S, R. 18E	DRL ML22058
✓ MONUMENT BUTTE ST 14-36	43-013-31508	SEC. 36, T. 8S, R. 16E	DRL ML22061
✓ ASHLEY FEDERAL 10-23	43-013-31519	SEC. 23, T. 9S, R. 15E	DRL U66185
✓ MONUMENT FEDERAL 1A-35	43-013-31514	SEC. 35, T. 8S, R. 16E	DRL U16535
✓ OK CORRAL FEDERAL 1-30	43-047-32686	SEC. 30, T. 9S, R. 18E	DRL U19267
✓ S PLEASANT VALLEY 4-22	43-013-31522	SEC. 22, T. 9S, R. 17E	DRL U13905
✓ CODY FEDERAL 2-35	43-013-31525	SEC. 35, T. 8S, R. 15E	DRL UTU67168
✓ GILSONITE STATE 14I-32	43-013-31523	SEC. 32, T. 8S, R. 17E	DRL ML21839
✓ BOUNDARY FEDERAL 10-21	43-013-31532	SEC. 21, T. 8S, R. 17E	DRL U50376
✓ MONUMENT BUTTE ST 16-36R	43-013-10159	SEC. 36, T. 8S, R. 16E	DRL ML22061
✓ BOUNDARY FEDERAL 9-21	43-013-31542	SEC. 21 T. 8S, R. 17E	DRL U50376

APD's Pending; have not been approved by BLM as of yet.
 (Leases are held by Inland) * 8-7-95 / BLM SL "Connie Seare"

FAX COVER SHEET



RESOURCES INC.
475 17th Street, Suite 1500
Denver, CO 80202
303-292-0900, Fax #303-296-4070

DATE: August 8, 1995

TO: Lisha Cordova

COMPANY: State of Utah - Division of Oil, Gas and Mining

FAX NUMBER: 801 359 3940

FROM: Chris A Potter

NUMBER OF PAGES: 1 (INCLUDING COVER SHEET):

RE: Transfer of Authority to Inject
Lomax Exploration Company to Inland Production Company

I hope the info I sent to you August 1st was acceptable regarding our name change and your phone call to me last week.....

If there is anything missing or you need additional info, please let me know. I am located in our Denver office.....

Speed Letter®

To Ed Bonner
~~State Lands~~ SCHOOL & INSTITUTIONAL
TRUST LANDS ADMIN.

From Don Staley
Oil, Gas and Mining

Subject Operator Change

- No. 9 & 10 FOLD
MESSAGE

Date 8/23 19 95

Ed,
For your information, attached are copies of documents regarding an operator change on a state lease(s). These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by State Lands ASAP.

Former Operator: LOMAX EXPLORATION CO. (N 0580)

New Operator : INLAND PRODUCTION CO. (N 5160)

Well:	API:	Entity:	S-T-R:
<u>(SEE ATTACHED LIST)</u>			

- No. 9 FOLD
- No. 10 FOLD CC: Operator File

Signed Don Staley

REPLY Date _____ 19 ____

- No. 9 & 10 FOLD

Signed

WELL NAME	API	ENTITY	LOCATION	LEASE
GILSONITE STATE 10-32	43-013-31485	99999	32-8S-17E	ML22061
→ GILSONITE STATE 8-32	43-013-31498	99999	32-8S-17E	ML22061
MONUMENT BUTTE STATE 16-2	43-013-31510	99999	2-9S-16E	ML21839
MONUMENT BUTTE STATE 8-2	43-013-31509	99999	2-9S-16E	ML21839
SUNDANCE STATE 5-32	43-047-32685	11781	32-8S-18E	ML22058
MONUMENT BUTTE STATE 14-36	43-013-31508	11774	36-8S-16E	ML22061
GILSONITE STATE 14I-32	43-013-31523	11788	32-8S-17E	ML21839
MONUMENT BUTTE STATE 16-36R	43-013-10159	99999	36-8S-16E	ML22061
STATE 5-36	43-013-30624	10835	36-8S-16E	ML22061
STATE 1-36	43-013-30592	10835	36-8S-16E	ML22061
12-32	43-013-30787	11486	32-8S-17E	ML22060
GILSONITE STATE 13-32	43-013-31403	99990	32-8S-17E	ML22060
GILSONITE STATE 7-32	43-013-30658	11486	32-8S-17E	ML22060
WELLS DRAW STATE 7-36	43-013-30934	09730	36-8S-15E	ML21835
STATE 1-2	43-013-30596	10835	2-9S-16E	ML21839
STATE 13-36	43-013-30623	10835	36-8S-16E	ML22061
STATE 3-2	43-013-30627	10835	2-9S-16E	ML21839
STATE 12-36	43-013-30746	10835	36-8S-16E	ML22061
STATE 1-32	43-013-30599	11486	32-8S-17E	ML22060
GILSONITE STATE 2-32	43-013-30604	11486	32-8S-17E	ML22060
STATE 11-32	43-013-30685	11486	32-8S-17E	ML22060
STATE 1A-32	43-013-30691	11486	32-8S-17E	ML22060
STATE 9-32	43-013-30713	11486	32-8S-17E	ML22060
STATE 5-32	43-013-30714	11486	32-8S-17E	ML22060
STATE 6-32	43-013-30748	11486	32-8S-17E	ML22060
STATE 4-32	43-013-30800	11486	32-8S-17E	ML22060
GILSONITE STATE 14-32	43-013-31480	11486	32-8S-17E	ML22061

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing: (GIL) *all*

1- MLC 7-PL
2-LWP 8-SJ
3- DTB 9-FILE
4-VLD
5-RJF
6-LWP

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

(MERGER)

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-29-95)

TO (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM (former operator)	<u>LOMAX EXPLORATION COMPANY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 1446</u>
	<u>ROOSEVELT UT 84066</u>		<u>ROOSEVELT UT 84066</u>
	<u>KEBBIE JONES</u>		<u>KEBBIE JONES</u>
	phone (<u>801</u>) <u>722-5103</u>		phone (<u>801</u>) <u>722-5103</u>
	account no. <u>N 5160</u>		account no. <u>N 0580</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>43-013-31498</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 7-14-95)*
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) no. If yes, show company file number: _____ *(7-28-95)*
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(7-31-95)*
- Sup 6. Cardex file has been updated for each well listed above. *8-16-95*
- Sup 7. Well file labels have been updated for each well listed above. *8-22-95*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(7-31-95)*
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (~~Fee wells only~~) *Trust Lands Admin. / Rider or Repl. in Progress.*

- N/A / See 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- ___ 2. A copy of this form has been placed in the new and former operators' bond files.
- ___ 3. The former operator has requested a release of liability from their bond (yes/no) ____. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19__.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19__, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OTS 2. Copies of documents have been sent to State Lands for changes involving **State Leases**.
8/23/95 sent to Ed Bonner

FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: June 11 19 97.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950726 BLM/SL Appr. eff. 6-29-95.

FORM #

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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.

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
INLAND PRODUCTION COMPANY

3. Address and Telephone Number:
P.O. Box 1446 Roosevelt, UT 84066 801-722-5103

4. Location of Well SE/NE Sec. 32, T8S, R17E
Footages: 1925' FNL 736' FEL
CC, Sec., T., R., M.:

5. Lease Designation and Serial Number:
ML-22061

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

GILSONITE UNIT

8. Well Name and Number:

#8-32

9. API Well Number:

43-013-31498

10. Field and Pool, or Wildcat:

Gilsonite

County: Duchesne

State: UT

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Request for Extension
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

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 depths for all markers and zones pertinent to this work.)

Inland Production Company still has plans to drill the Gilsonite State 8-32 and hereby requests an extension of time on the APD approval.

13. Name & Signature: Brad Mechem *Brad Mechem* Title: Operations Manager Date: 12/28/95
by Margaret Grant

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING

DATE: 12/28/95
BY: *[Signature]*

*extend 1 yr
to 1/17/97 DTS*

DEC 29 1995

SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

ML-22061

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

GILSONITE UNIT

8. Well Name and Number:

#8-32

9. API Well Number:

43-013-31498

10. Field and Pool, or Wildcat:

Gilsonite

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
INLAND PRODUCTION COMPANY

3. Address and Telephone Number:
P.O. Box 1446 Roosevelt, UT 84066 801-722-5103

4. Location of Well SE/NE Sec. 32, T8S, R17E
Footages: 1925' FNL 736' FEL
QQ, Sec., T., R., M.:

County: Duchesne

State: UT

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

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- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- Abandonment *
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Inland Production Company still has plans to drill the Gilsonite State 8-32 and hereby requests an extension of time on the APD approval.

13. Name & Signature: Brad Mecham *Brad Mecham* Title: Operations Manager Date: 12/28/95
by Margaret Grant

(This space for State use only)

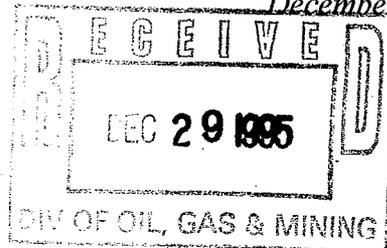
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 12/29/95
BY: *JAN JENNINGS*



RESOURCES INC.

December 28, 1995



*State of Utah
Division of Oil, Gas & Mining
Attn: Frank Matthews
355 West North Temple
Three Triad Center - Suite #350
Salt Lake City, Utah 84180-1203*

RE: Request for Extension

Dear Frank:

Please find enclosed the "Request for extension of time" on the Gilsonite State 8-32 and the Gilsonite State 10-32. I have faxed these - as requested by your office.

I appreciate your help in obtaining the extension of time which we are requesting at this time. If you have any questions, please don't hesitate to call.

Sincerely,

Brad Mecham

*Enclosures
/mg*

2/28/97



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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

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

Location built per MKH. Operator also submitted a new ADD (identical) - MKH will call operator and tell them to ignore rescind - we will extend - we will extend 1 year to 1/17/98 and throw out the "new" APD
DTS

February 28, 1997

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

Re: Gilsonite State 8-32 Well, Sec. 32, T. 8S, R. 17E, Duchesne County, Utah,
API No. 43-013-31498

Dear Mr. Mecham:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective immediately.

Please note that a new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don Staley
Administrative Manager
Oil and Gas

cc: R.J. Firth
K.M. Hebertson
Well File



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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

February 28, 1997

*Letter went out in
mail, but MKH will
call and tell operator
to ignore.
DTS
3/2/97*

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

Re: Gilsonite State 8-32 Well, Sec. 32, T. 8S, R. 17E, Duchesne County, Utah,
API No. 43-013-31498

Dear Mr. Mecham:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective immediately.

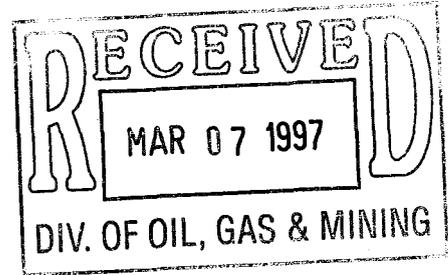
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If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don Staley
Administrative Manager
Oil and Gas

cc: R.J. Firth
K.M. Hebertson
Well File



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

ATTENTION: Mike Hebertson

RE: Gilsonite State #8-32

Dear Mr. Hebertson,

Enclosed is the original and two copies of the Sundry Notice for the Gilsonite State 8-32, ninety (90) day extension. Copies will also be submitted to the Bureau of Land Management.

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

*extended to
1/17/98
DTS*

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

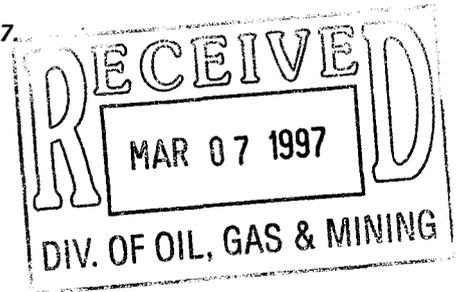
SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No. ML-22061
2. Name of Operator Inland Production Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 790233 Vernal, Utah 84079 (801) 789-1866	7. If unit or CA, Agreement Designation Gilsonite Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE/NE 1925' FNL & 736' FEL Sec. 32, T8S R17E	8. Well Name and No. #8-32
	9. API Well No. 43-013-31498
	10. Field and Pool, or Exploratory Area Gilsonite
	11. County or Parish, State Duchesne, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Request for Extension</u>	<input type="checkbox"/> Dispose Water
		<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

Inland Production Company understands that the State of Utah is granting a 90 day APD extension for the Gilsonite State #8-32 from January 31, 1997 through March 31, 1997, if the drilling operations commence on or before March 31, 1997.



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

Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 3/4/97
Cheryl Cameron

(This space of Federal or State office use.)

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

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: GILSONITE STATE 8-32

Api No. 43-013-31498

Section: 32 Township: 8S Range: 17E County: DUCHESNE

Drilling Contractor _____

Rig # _____

SPUDDED:

Date 3/22/97

Time _____

How DRY HOLE

Drilling will commence 4/4/97

Reported by CHERYL CAMERON

Telephone # 1-801-722-1866

Date: 3/21/97 Signed: MKH

OPERATOR Inland Production Company
ADDRESS P O Box 790233
Vernal, ILL 64079

OPERATOR ACCT. NO. H 5160

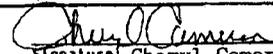
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	10835	43-013-31745	Monument Butte Federal 2-34	NWNE	34	8S	16E	Duchesne	3/19/97	3/19/97
WELL 1 COMMENTS: <i>Entities added 3-25-97 (Mon. Butte "Brev" D)</i>											
B	99999	11486	43-013-31498	Gilsonite State 8-32	SENE	32	8S	17E	Duchesne	3/22/97	3/22/97
WELL 2 COMMENTS: <i>(Gilsonite Unit)</i>											
A	99999	12094	43-013-31802	MBFNE 5-26 <i>N. Mon. Butte Fed. 5-26</i>	SWNW	26	8S	16E	Duchesne	3/24/97	3/24/97
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

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

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

(3-89)


Signature: Cheryl Cameron
RCS _____ Date: 3/24/97
Title _____
Phone No. 801, 789-1866

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: GILSONITE STATE 8-32

Api No. 43-013-31498

Section: 32 Township: 8S Range: 17E County: DUCHESNE

Drilling Contractor _____

Rig # _____

SPUDDED:

Date 3/22/97

Time _____

How DRY HOLE

Drilling will commence _____

Reported by D. INGRAM

Telephone # _____

Date: 3/28/97 Signed: JLT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No. ML-22061
2. Name of Operator Inland Production Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 790233 Vernal, Utah 84079 (801) 789-1866	7. If unit or CA, Agreement Designation Gilsonite Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE/NE 1925' FNL & 736' FEL Sec. 32, T8S, R17E	8. Well Name and No. Gilsonite State #8-32
	9. API Well No. 43-013-31498
	10. Field and Pool, or Exploratory Area
	11. County or Parish, State Duchesne, UT

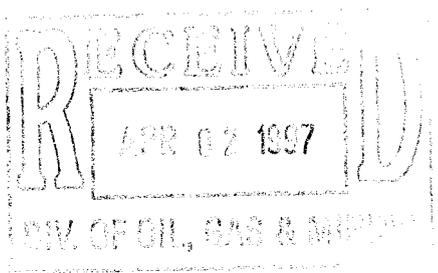
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Spud Notification</u>	<input type="checkbox"/> Dispose Water
		<small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

Drilled 12 1/4' hole w/ Leon Ross Rathole Rig to 305'. Ran 295.44' of 8 5/8" 24# J-55 csg. Cmt w/ 120 sx Prem + w/ 2% CaCl, 2% gel, 1/4#/sk flocele mixed @ 14.8 PPG w/ 1.36 ft/sk yield. Good returns w/ est 5 bbls cmt to surface.

SPUD SURFACE HOLE ON 3/22/97

RDMOL



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

Signed Cheryl Cameron Title Regulatory Compliance Specialist Date 3/25/97

Cheryl Cameron

(This space of Federal or State office use.)

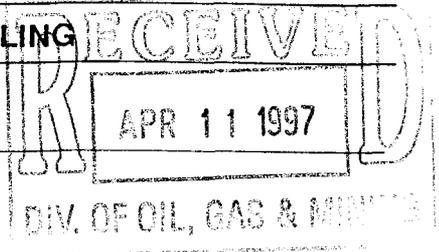
Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING



1. Well name and number: Gilsonite State #8-32

API number: 43-013-31498

2. Well Location: QQ SENE Section 32 Township 8S Range 17E County Duchesne

3. Well operator: Inland Production Company

Address: P.O. Box 1446

Roosevelt, UT 84066

Phone: (801) 722-5103

4. Drilling contractor: Leon Ross

Address: P.O. Box 757

Roosevelt, UT 84066

Phone: (801) 722-4469

5. Water encountered (attach additional pages as needed): See Attached Water Analysis Report

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
0'	27'	5 GPM	

6. Formation tops: _____

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 4/1/97

Name & Signature: Cheryl Cameron

Title: Regulatory Compliance Specialist

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (801) 722-5066
Fax (801) 722-5727

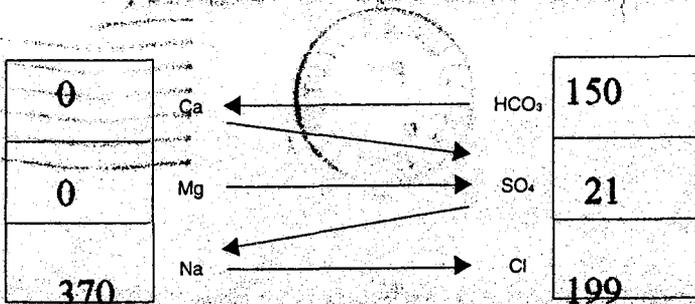
WATER ANALYSIS REPORT

Company INLAND Address _____ Date 04-01-97
Source GS 8-32 Date Sampled 04-01-97 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>9.7</u>		
2. H ₂ S (Qualitative)	<u>2.0</u>		
3. Specific Gravity	<u>1.013</u>		
4. Dissolved Solids		<u>25,725</u>	
5. Alkalinity (CaCO ₃)		CO ₃ <u>3,300</u>	÷ 30 <u>110</u> CO ₃
6. Bicarbonate (HCO ₃)		HCO ₃ <u>2,440</u>	÷ 61 <u>40</u> HCO ₃
7. Hydroxyl (OH)		OH <u>0</u>	÷ 17 <u>0</u> OH
8. Chlorides (Cl)		Cl <u>7,000</u>	÷ 35.5 <u>199</u> Cl
9. Sulfates (SO ₄)		SO ₄ <u>1,000</u>	÷ 48 <u>21</u> SO ₄
10. Calcium (Ca)		Ca <u>4</u>	÷ 20 <u>0</u> Ca
11. Magnesium (Mg)		MG <u>2</u>	÷ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)		<u>20</u>	
13. Total Iron (Fe)		<u>7.0</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	81.04				
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		<u>150</u>		<u>12,600</u>
Na ₂ SO ₄	71.03		<u>21</u>		<u>1,491</u>
NaCl	58.46		<u>199</u>		<u>11,634</u>

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

REMARKS _____

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No. ML-22061
2. Name of Operator Inland Production Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 790233 Vernal, Utah 84079 (801) 789-1866	7. If unit or CA, Agreement Designation Gilsonite Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE/NE 1925' FNL & 736' FEL Sec. 32, T8S, R17E	8. Well Name and No. Gilsonite State #8-32
	9. API Well No. 43-013-31498
	10. Field and Pool, or Exploratory Area
	11. County or Parish, State Duchesne, UT

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

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

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

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

WEEKLY STATUS REPORT FOR WEEK OF 3/28/97 - 4/10/97:

Drilled 7 7/8" hole w/ Caza, Rig #56 from 305' - 5900' . Run 5859.16' of 5 1/2" 15.5 # J-55 LT&C csg. Pump 20 bbl dye wtr & 20 bbls gel. Cmt w/ 440 sx Class V, 65% Poz, 3% salt, .3% Ex-1, 10% gel, 2% Microbond, 1#/sk granulite, 3#/sk silicate (11 PPG, 3.0 ft/sk yield.) Followed w/ 360 sx Thixo, 10% CalSeal (14.2 PPG, 1.59 ft/sk yield.) Good returns to surface w/ est 59 bbls cmt to surf.

RDMOL

RECEIVED

APR 21 1997

DIV. OF OIL, GAS & MINING

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

Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 4/15/97

Cheryl Cameron

(This space of Federal or State office use.)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other	5. Lease Designation and Serial No. ML-22061
2. Name of Operator Inland Production Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 790233 Vernal, Utah 84079 (801) 789-1866	7. If unit or CA, Agreement Designation Gilsonite Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SE/NE 1925' FNL & 736' FEL Sec. 32, T8S, R17E	8. Well Name and No. Gilsonite State #8-32
	9. API Well No. 43-013-31498
	10. Field and Pool, or Exploratory Area
	11. County or Parish, State Duchesne, UT

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

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

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

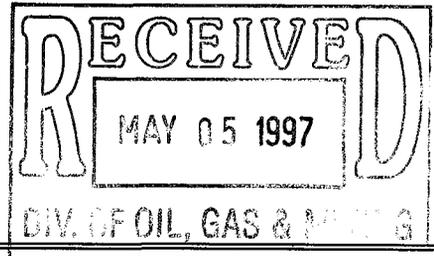
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this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

WEEKLY STATUS REPORT FOR WEEK OF 4/19/97 - 4/26/97:

Perf A sd 5267'- 5279'
Perf C sd 4975'-4977', 4981'-4983', 4985'-4988', 4994'-5003'

RIH w/ Production String

ON PRODUCTION 4/26/97



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

Signed *Cheryl Cameron* Title Regulatory Compliance Specialist Date 4/29/97
Cheryl Cameron

(This space of Federal or State office use.)

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

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

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

ML-22061

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [] DEEP-EN [] PLUG BACK [] DIFF. RESVR. [] Other []

2. NAME OF OPERATOR: Inland Production Co.

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

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

At surface SE/NE
At top prod. interval reported below 1925' FNL & 736' FEL
At total depth

7. UNIT AGREEMENT NAME: Gilsonite Unit

8. FARM OR LEASE NAME: Gilsonite State

9. WELL NO.: #8-32

10. FIELD AND POOL, OR WILDCAT: Sec. 32, T8S, R17E

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 32, T8S, R17E

14. PERMIT NO. 43-013-31498 DATE ISSUED 3/31/96

12. COUNTY OR PARISH: Duchesne 13. STATE: UT

15. DATE SPUNDED 3/22/97 16. DATE T.D. REACHED 4/2/97 17. DATE COMPL. (Ready to prod.) 4/26/97 18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 5148.5'

20. TOTAL DEPTH, MD & TVD 5900' 21. PLUG. BACK T.D., MD & TVD 5844' 22. IF MULTIPLE COMPL., HOW MANY? 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Green River 5267'-5279', 4975'-4977', 4981'-4983', 4985'-4988', 4994'-5003' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, Multiple Array CNL 5-15-97 27. WAS WELL CORED No

Table with 4 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Rows include 8 5/8, 24#, 295.44', 12 1/4, 120 sx Prem + w/ 2% CC + 1#/sk floccle, and 5 1/2, 15.5#, 5859.16', 7 7/8, 440 sx Class V + Add followed by 360 sx Thixo w/ 10% CalSeal.

Table with 7 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Header: LINER RECORD.

Table with 2 columns: PERFORATION RECORD (Interval, size and number), ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. Rows include A 5267'-5279', C 4975'-4977', 4981'-4983', 4985'-4988', 4994'-5003' and See Back.

Table with 8 columns: DATE FIRST PRODUCTION, PRODUCTION METHOD, WELL STATUS, DATE OF TEST, HOURS TESTED, CHOKED SIZE, PROD'N. FOR TEST PERIOD, OIL-BBL., GAS-MCF., WATER-BBL., GAS-OIL RATIO. Includes production data for 4/26/97.

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

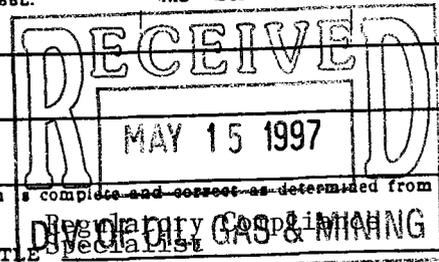
35. LIST OF ATTACHMENTS: Logs in Item #26

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

SIGNED Cheryl Cameron

TITLE: Regulatory Compliance Specialist

DATE 5/14/97



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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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, CUMULON USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Garden Gulch Mkr	4137'		#32.
Point 3 Mkr	4408'		Perf A sd 5267'-5279
X Mkr	4634'		Frac w/ 86,700# 20/40 sd in 488 bbls gel
Y Mkr	4672'		
Douglas Ck Mkr	4800'		Perf C sd 4975'-4977', 4981'-4983'
Bicarbonate Mkr	5042'		4985'-4988', 4994'-5003'
B Limestone Mkr	5178'		Frac w/ 102,000# 20/40 sd in 557 bbls gel
Castle Peak	5652'		
Basal Carbonate	NDE		

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

ML-22060

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

GILSONITE STATE 8-32

9. API Well No.

43-013-31498

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

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

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

1925 FNL 0736 FEL SE/NE Section 32, T08S R17E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

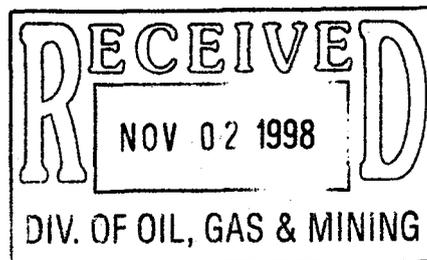
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Site Security

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

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

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

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



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

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/30/98

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: UTAH DOGM

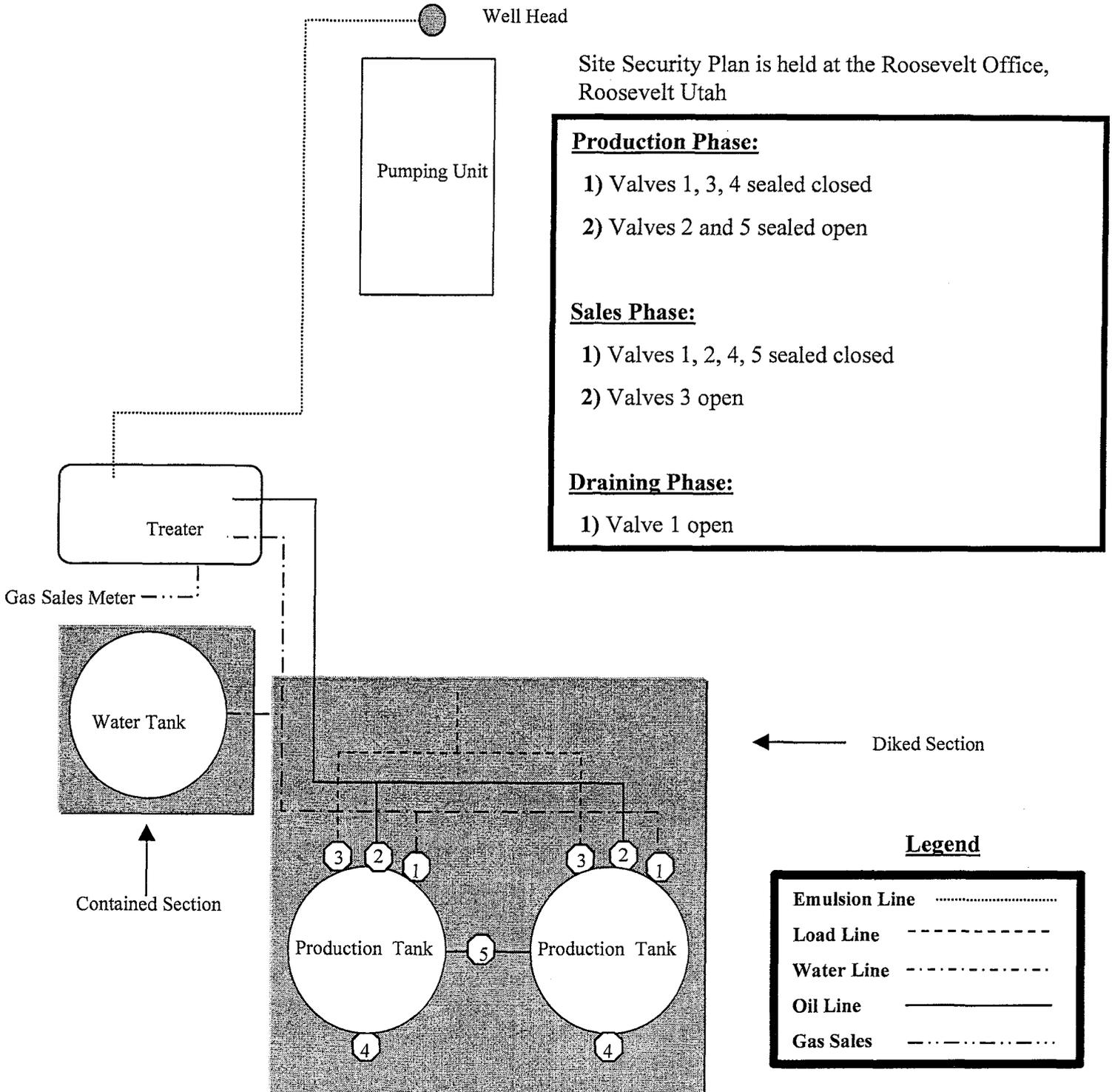
Inland Production Company Site Facility Diagram

Gilsonite 8-32

SE/NE Sec. 32, T8S, 17E

Duchesne County

May 12, 1998



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

Production Phase:

- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

Draining Phase:

- 1) Valve 1 open

Legend

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

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Pipeline Work</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: Inland Production Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Gilsonite Unit
3. ADDRESS OF OPERATOR: 1401 17th St #1000 CITY Denver STATE CO ZIP 80211		7. UNIT or CA AGREEMENT NAME: Gilsonite Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ COUNTY: Duchesne QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>SENE S-32 T-08S R-19E</u> STATE: UTAH		8. WELL NAME and NUMBER: State Wells in Unit
PHONE NUMBER: (303) 893-0102		9. API NUMBER: 43-013-31498
		10. FIELD AND POOL, OR WILDCAT:

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 start: <u>5/1/2004</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION.
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input checked="" type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" 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 FLARE
	<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/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Comingle Production w common tank</u>
	<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.

Inland Production requests permission to add the following wells to a common tank battery system; Gilsonite St 2-32, State 4-32, State 6-32, State 7-32, Gilsonite St 8-32, Gilsonite St 10-32, Gilsonite St 12-32, Gilsonite St 14-32. Each well will have a pumping unit and line heater. The Common tank battery will consist of 2 400 Bbl oil tanks, 1 200 Bbl water tank, a heater treater and a line heater all located at the Gilsonite 7-32. There will be a test facility located at the Gilsonite 7-32 that will consist of a heater treater, 1 400 Bbl tank and 1 400 Bbl water tank. Each well will have a production test once every 2 months. The Gilsonite 7-32 location will be expanded by 75' to the south and 50' to the west to allow for transportation at the central gathering point. The flow bundles will consist of 4 2" flow lines that will be wrapped and insulated. 2 lines will have glycol for a trace system, 1 line will be the production line, and 1 line will be the well test line. There will be approximately 2.4 miles of the production bundle installed.

COPY SENT TO OPERATOR
Date: 4-21-04
Initials: CHD

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 4/20/04
BY: [Signature]
Production Allocation for each well should be based on actual days produced

NAME (PLEASE PRINT) David Gerbig TITLE Operations Engineer
SIGNATURE [Signature] DATE 3/22/2004

RECEIVED
MAR 24 2004

(This space for State use only)

DIV. OF OIL, GAS & MINING

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



Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

OPERATOR CHANGE WORKSHEET

ROUTING ^	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

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

CA No. Unit: GILSONITE

WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
STATE 1-32	32	080S	170E	4301330599	11486	State	WI	A
GILSONITE ST 2-32	32	080S	170E	4301330604	11486	State	OW	P
STATE 7-32	32	080S	170E	4301330658	11486	State	WI	A
STATE 11-32	32	080S	170E	4301330685	11486	State	WI	A
STATE 1A-32	32	080S	170E	4301330691	11486	State	WI	A
STATE 9-32	32	080S	170E	4301330713	11486	State	WI	A
STATE 5-32	32	080S	170E	4301330714	11486	State	WI	A
STATE 6-32	32	080S	170E	4301330748	11486	State	OW	P
GILSONITE ST 12-32	32	080S	170E	4301330787	11486	State	OW	P
STATE 4-32	32	080S	170E	4301330800	11486	State	OW	P
GILSONITE 13-32	32	080S	170E	4301331403	11486	State	WI	A
GILSONITE STATE 14-32	32	080S	170E	4301331480	11486	State	OW	P
GILSONITE STATE 10-32	32	080S	170E	4301331485	11486	State	OW	P
GILSONITE STATE 8-32	32	080S	170E	4301331498	11486	State	OW	P
GILSONITE ST 14I-32	32	080S	170E	4301331523	11486	State	WI	A
GILSONITE ST 15-32I	32	080S	170E	4301331584	11486	State	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1925 FNL 736 FEL
 SENE Section 32 T8S R17E

5. Lease Serial No.
 UTAH STATE ML-22060

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 GMBU

8. Well Name and No.
 GILSONITE ST 8-32

9. API Well No.
 4301331498

10. Field and Pool, or Exploratory Area
 GREATER MB UNIT

11. County or Parish, State
 DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	_____
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

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

**RECEIVED
OCT 19 2010
DIV. OF OIL, GAS & MINING**

I hereby certify that the foregoing is true and correct (Printed/ Typed) Eric Sundberg	Title Regulatory Lead
Signature 	Date 10/11/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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

MAY 08 2012

Ref: 8P-W-UIC

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

RECEIVED

MAY 14 2012

DIV. OF OIL, GAS & MINING

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

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Additional Well to Gilsonite Area Permit
EPA UIC Permit UT20633-09611
Well: Gilsonite State 8-32-8-17
SENE Sec. 32 T8S-R17E
Duchesne County, Utah
API No.: 43-013-31498

Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company (Newfield) to convert the oil well Gilsonite State 8-32-8-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Gilsonite Area Permit No. UT20633-00000 and subsequent modifications.

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

If you have any questions, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-UIC.

Sincerely,



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

Enclosures: Authorization for Additional Well
Proposed Conversion Wellbore Schematic for Gilsonite State 8-32-8-17

cc: Letter Only:

Uintah & Ouray Business Committee:

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

Daniel Picard
BIA - Uintah & Ouray Indian Agency

cc: All Enclosures:

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Reed Durfey
District Manager
Newfield Production Company
Myton, Utah



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUTHORIZATION FOR ADDITIONAL WELL

UIC Area Permit UT20633-00000

The Gilsonite UIC Area Permit UT20633-00000, effective November 2, 1992 authorizes injection for the purpose of enhanced oil recovery in the Monument Butte Field. On March 23, 2012, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

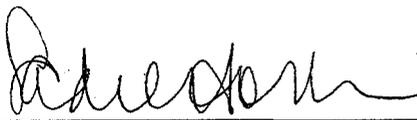
Well Name:	Gilsonite State 8-32-8-17
EPA Permit ID Number:	UT20633-09611
Location:	1925' FNL & 736' FEL SENE Sec. 32-T8S-R17E Duchesne County, Utah API #43-013-31498

Pursuant to 40 CFR §144.33, Area UIC Permit UT20633-00000 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. UT20633-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: 5/2/12


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

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

INJECTION WELL-SPECIFIC REQUIREMENTS

Well Name: Gilsonite State 8-32-8-17
EPA Well ID Number: UT20633-09611

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

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

Once these records are received and approved by EPA, the Director will provide written authorization to inject.

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

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

Maximum Allowable Injection Pressure (MAIP): The initial MAIP is **1,450 psig**, based on the calculation $MAIP = [FG - (0.433)(SG)] * D$, where "FG" is the fracture gradient, "SG" is the specific gravity of injectate and "D" is the Kelly Bushing depth to the shallowest casing perforation. For this well, FG is 0.731 psi/ft, SG is 1.015 and D is 4,975 ft.

UIC Area Permit No. UT20633-00000 provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure.

Well Construction: Casing and Cementing: The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). Cementing records, including the cement bond log, have satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone.

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

Demonstration of Mechanical Integrity:

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) EPA reviewed the cementing records and determined the cement will provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore pursuant to 40 CFR §146.8 (a)(2). Therefore, further demonstration of Part II (external) Mechanical Integrity is not required at this time.

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

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

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

casing string, centered on the contact between the Green River Formation and Uinta Formation.

(4) Isolate Surface Fluid Migration Paths:

- a. If the depth of the lowermost USDW is above the base of surface casing, perforate the outermost casing string 50 ft. below the base of surface casing and circulate cement to the surface, unless there is existing cement across this interval; OR
- b. If the depth of the lowermost USDW is below the base of surface casing, perforate the outermost casing string 50 ft. below the base of the lowermost USDW and circulate cement to surface; AND
- c. Set a cement plug inside the innermost casing string from 50 ft. below the base of the surface casing to surface.

INJECTION WELL-SPECIFIC CONSIDERATIONS

Well Name: Gilsonite State 8-32-8-17
EPA Well ID Number: UT20633-09611

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 149 ft. below ground surface in the Lone Tree Federal 11-22-9-17 well. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Humpback unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well. Freshening of the injection zone due to the injection of relatively fresh water for the purpose of enhanced oil recovery has been demonstrated to be occurring in parts of the Monument Butte Field, including this permit area.

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

Composition of Source, Formation, and Injectate Water: A water sample analysis was not required as part of the application to add this well to the area permit because EPA considers the water quality of the injection zone to be well documented. Area UIC Permit UT20633-00000 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

Authorization for Additional Well: UIC Area Permit UT20633-00000
Well : Gilsonite State 8-32-8-17 EPA Well ID: UT20633-09611

showing TDS values less than 10,000 mg/l are not likely representative of the original formation fluid at or near this well. EPA considers the presence of waters less than 10,000 mg/l within the injection zone to be a temporary, artificial condition and therefore does not require an aquifer exemption to allow injection to occur.

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

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

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

Well Construction: This well was constructed according to BLM requirements and controls for production wells at the time of well completion. EPA has reviewed and approved the construction and determined that it is adequate to protect USDWs.

Surface Casing: 8-5/8" casing is set at 293 ft. in a 12-1/4" hole, using 120 sacks Premium Plus cement, cemented to the surface.

Longstring Casing: 5-1/2" casing is set at 5,897 ft. in a 7-7/8" hole secured with 800 sacks of cement. Total driller depth is 5,900 ft. Plugged back total depth is 5,844 ft. EPA calculates top of cement at 588 ft. Estimated CBL top of cement is 181 ft.

Perforations: Top perforation: 4,975 ft. Bottom perforation: 5,279 ft.

AREA OF REVIEW (AOR) WELL REQUIREMENTS

The following six wells that penetrate the confining zone within or proximate to a ¼-mile radius around the Gilsonite State 8-32-8-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs:

State 1A-32-8-17 UIC Permit UT20633-04465.	API: 43-013-30691	NENE Sec. 32-T9S-R17E
State 7-32-8-17 UIC Permit UT20633-03720.	API: 43-013-30658	SWNE Sec. 32-T8S-R17E
Gilsonite State 9-32-8-17	API: 43-013-30713	NESE Sec. 32-T8S-R17E
Gilsonite State L-32-8-17	API: 43-013-33864	SHL: SENE Sec. 32-T8S-R17E BHL: SWNE Sec. 32-T8S-17E
GMBU I-32-8-17	API: 43-013-50649	SHL: NENE Sec. 32-T8S-R17E BHL: SWNE Sec. 32-T8S-R17E
GMBU J-32-8-17	API: 43-013-50690	SHL: NENE Sec. 32-T8S-R17E BHL: SENENE Sec. 32-T8S-R17E

Lacks sufficient interval of 80% CBI in 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.**

*Authorization for Additional Well: UIC Area Permit UT20633-00000
Well : Gilsonite State 8-32-8-17 EPA Well ID: UT20633-09611*

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.

Gilsonite State 8-32-8-17

Spud Date: 3/22/97

Put on Production: 4/26/97
 GL: 5149' KB: 5162'

Initial Production: 116 BOPD,
 85 MCFPD, 12 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (295.44')
 DEPTH LANDED: 293.35' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium Plus w/additives.

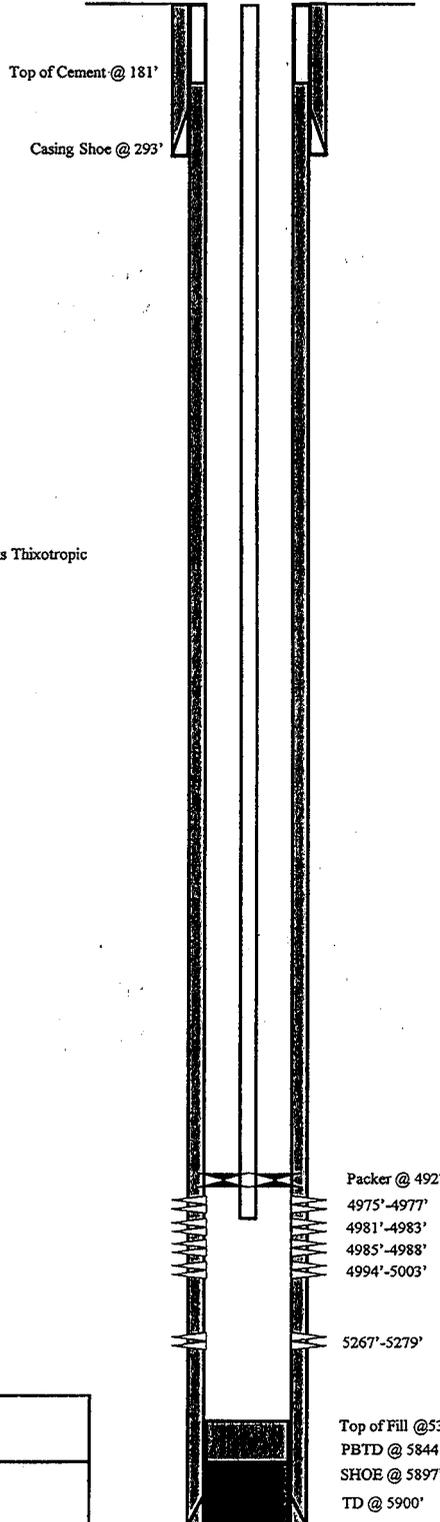
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (5859.16')
 DEPTH LANDED: 5897'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 440 sxs Class V w/additives. 2- 360 sxs Thixotropic
 CEMENT TOP AT: 181' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 168 jts. (5223.73')
 TUBING ANCHOR: 5226.53'
 NO. OF JOINTS: 2 jts. (62.48") (5289.01')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5290.11'
 NO. OF JOINTS: 2 jts. (61.32") (5351.43')
 TOTAL STRING LENGTH: EOT @ 5351.88'

Proposed Injection Wellbore Diagram



FRAC JOB

<p>4/21/97 5267'-5279'</p> <p>4/22/97 4975'-5003'</p> <p>01/07/03</p> <p>5-21-07</p>	<p>Frac A-1 sand as follows: 86,700# of 20/40 sand in 488 bbls of Boragel. Perfs broke @ 2423 psi. Treated @ avg rate of 28 bpm w/avg press of 2700 psi. ISIP 3883 psi, 5-min 3678 psi. Flowback on 12/64" ck for 1-1/2 hours and died. Flush: 5155 gals.</p> <p>Frac C sand as follows: 102,000# of 20/40 sand in 557 bbls of Boragel. Perfs broke @ 2350 psi. Treated @ avg rate of 29.5 bpm w/avg press of 2000psi. ISIP-3171 psi, 5-min 2960 psi. Flowback on 12/64" ck for 2-1/2 hours and died. Flush: 4894 gals.</p> <p>Tubing Leak: Update tubing and rod detail.</p> <p>Parted Rods: Updated rod and tubing detail.</p>
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PERFORATION RECORD

4/21/97	5267'-5279'	4 JSPF	48 holes
4/22/97	4975'-4977'	4 JSPF	8 holes
4/22/97	4981'-4983'	4 JSPF	8 holes
4/22/97	4985'-4988'	4 JSPF	12 holes
4/22/97	4994'-5003'	4 JSPF	36 holes

NEWFIELD

Gilsonite State 8-32-8-17

736' FEL 1925' FNL

SENE Section 32-T8S-R17E

Duchesne Co, Utah

API #43-013-31498; Lease #ML-22060

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22060
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: GILSONITE STATE 8-32	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013314980000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1925 FNL 0736 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 32 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/20/2012	<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 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 06/15/2012. On 06/14/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/20/2012 the casing was pressured up to 1600 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# UT20633-09611

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/25/2012	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: _____ Date: 6/20/2012
 Test conducted by: Don Trane
 Others present: _____

Well Name: <u>Gilsonite State</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Mon. Butte</u>		
Location: <u>8-32-847</u> Sec: <u>32</u> T: <u>8</u> N <input checked="" type="checkbox"/> S <input type="checkbox"/> R: <u>17</u> E <input checked="" type="checkbox"/> W	County: <u>Dachshen</u>	State: <u>UT</u>
Operator: <u>Don Trane</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: _____ psig

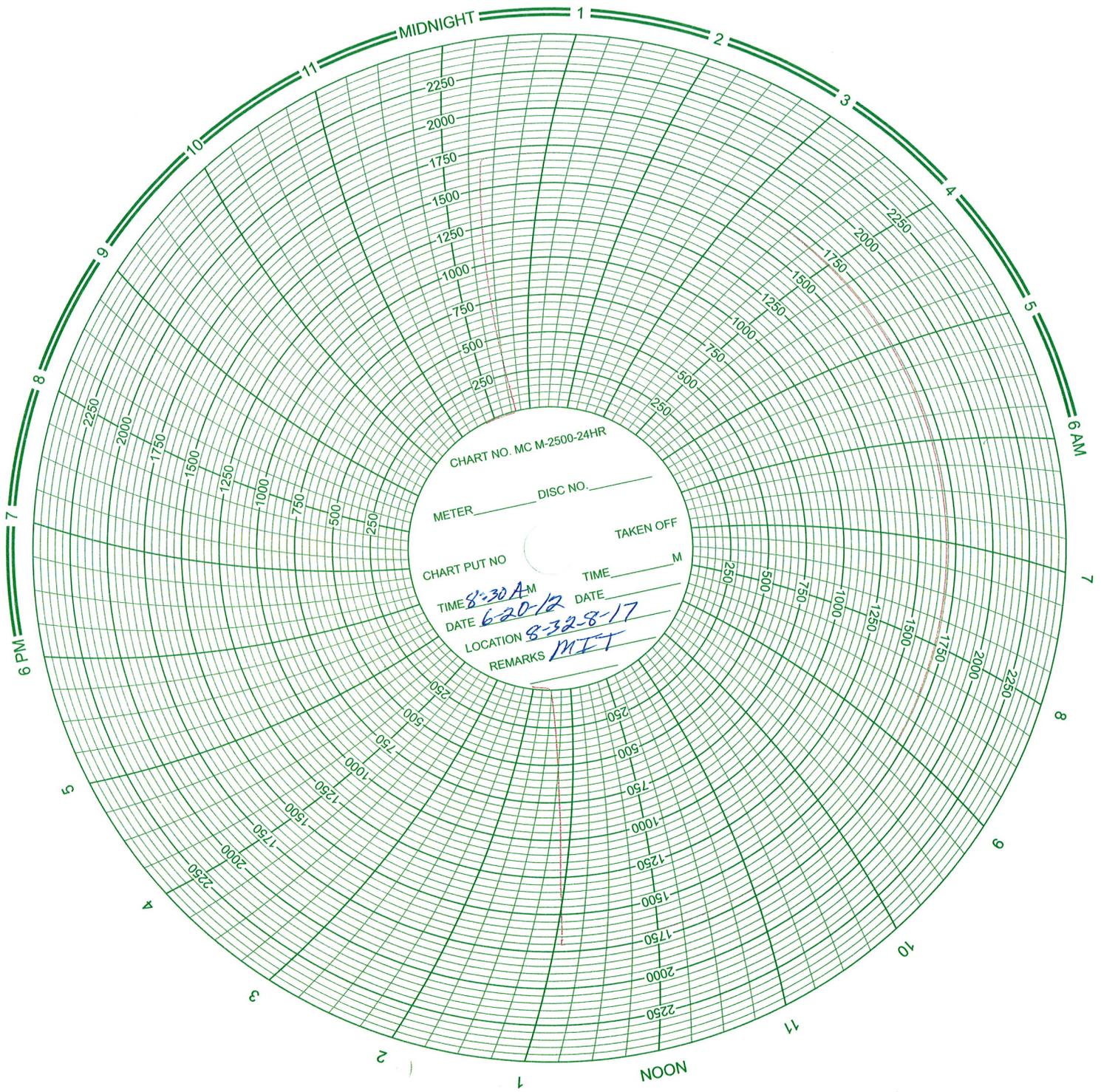
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1600</u> psig	psig	psig
5 minutes	<u>1600</u> psig	psig	psig
10 minutes	<u>1600</u> psig	psig	psig
15 minutes	<u>1600</u> psig	psig	psig
20 minutes	<u>1600</u> psig	psig	psig
25 minutes	<u>1600</u> psig	psig	psig
30 minutes	<u>1600</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****GILSONITE 8-32-8-17****4/1/2012 To 8/30/2012****6/13/2012 Day: 1****Conversion**

NC #1 on 6/13/2012 - MIRU NC#1,pmp 60 BW D/Csg,U/S pmp,Flush Tbg,Fill Tbg,Blow Hle In Tbg @ 2200 Psi,POOH L/D Plsh Rod,Ponys,60-3/4 4 Per,SWI,C/SDFN. - 5:30AM-6:00AM C/Trvl. 6:00AM OWU, POOH L/D 39-3/4 4 Per, 82- 3/4 Slick , 29- 3/4 4 Per, 6-1 1/2 Wt Bars & pmp.Flushed Tbg W/-60 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-158 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 10 Jts Tbg, 5 1/2" t/a, 2 jTS tBG, S/N, 2 Jts Tbg, N/C On Float. Flushed Tbg W/-115 BW On TOOH Due To Oil, SWI, 6:00PM C/SDFN, 6:00PM -6:30 PM C/Trvl. - 10:30AM Move In NC#1. Wt On Benco To Pull Test Guyline Anchors & Set 1. R/U NC#1. BMW H/Oiler pmp 60 BW D/Csg. R/D Unit, Unseat pmp, Flush Tbg W/-60 BW, Seat pmp, Fill Tbg W/-4 BW, Blow Hole In Tbg @ 2200 Psi. Unseat pmp, POOH W/1 1/2X22'Polish Rod -3/4X4'- 2-3/4X8' Ponys,60- 3/4 4 Per, Flush Tbg W/-20 BW On TOOH, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl. 6:00AM OWU, POOH L/D 39-3/4 4 Per, 82- 3/4 Slick , 29- 3/4 4 Per, 6-1 1/2 Wt Bars & pmp.Flushed Tbg W/-60 BW On TOOH Due To Oil. N/D W/-HD, N/U BOP, R/U R/Flr, Rel T/A, POOH W/-158 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O Ring. L/D 10 Jts Tbg, 5 1/2" t/a, 2 jTS tBG, S/N, 2 Jts Tbg, N/C On Float. Flushed Tbg W/-115 BW On TOOH Due To Oil, SWI, 6:00PM C/SDFN, 6:00PM -6:30 PM C/Trvl. - 10:30AM Move In NC#1. Wt On Benco To Pull Test Guyline Anchors & Set 1. R/U NC#1. BMW H/Oiler pmp 60 BW D/Csg. R/D Unit, Unseat pmp, Flush Tbg W/-60 BW, Seat pmp, Fill Tbg W/-4 BW, Blow Hole In Tbg @ 2200 Psi. Unseat pmp, POOH W/1 1/2X22'Polish Rod -3/4X4'- 2-3/4X8' Ponys,60- 3/4 4 Per, Flush Tbg W/-20 BW On TOOH, SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl.

Daily Cost: \$0**Cumulative Cost:** \$6,154**6/14/2012 Day: 3****Conversion**

NC #1 on 6/14/2012 - RIH W/Tbg Prod,Drop SV,Blow HIT @ 3000 Psi,POOH W/Tbg Prod,Found Hle In #157,L/D 10 Jts Tbg Abve S/N,P/Tst In Hle W/Tbg Prod, Psr Tst, Blow Hole In Tbg, TOOH, Hole In Jt #141, L/D 10 Jts, Start Psr Tsting In Hole. - 5:30AM-6:00AM C/Trvl. 6:00AM OWU, P/U RIH W/-2 3/8 Collar, 2 3/8 X/N Nipple, 2 3/8 X2 7/8 XO, 5 1/2" Arrow #1 Pkr, On Off Tool, S/N, 158 Jts Tbg, pmp 20 BW Pad D/Tbg, Drop SV, Fill Tbg, P/Test Tbg To 3,000 Psi, Held For 15 Min, (Blow Hole In Tbg), POOH W/-158 Jts Tbg Found Hle In Jt # 157, L/D 10 Jts Tbg Abve S/N, RIH W/-Pkr,On Off Tool,S/N, 10 Jts Tbg,pmp 5 BW Pad D/Tbg,Drop S/V, P/Tst Tbg, Blow Hole In Jt # 141,L/D 10 More Jts Tbg Abve S/N Due To Wear. RIH W/-2 3/8 Collar, 2 3/8 X/N Nipple, 2 3/8X2 7/8 XO, Arrow # 1 Pkr, On Off Tool, 2 7/8 S/N, 20 New Jts Tbg, 4 BW Pad D/Tbg, Drop S/V, P/Tst I/Hle W/-138 Jts Tbg To 3,000 Psi, Tbg Never Stabilized, Check Psi In AM, 5:30PM C/SDFN, 5:30PM-6:00PM C/Trvl.

Daily Cost: \$0**Cumulative Cost:** \$19,513**6/15/2012 Day: 4****Conversion**

NC #1 on 6/15/2012 - Psr Tst Tbg, Fish S/Vlve, Pmp Pkr Fluid, N/U W/H-D, Psr Tst Csg, All Tsts Good, R/D NC#1. - 5:30AM-6:00AM C/Trvl. 6:00AM OWU, Tbg Psr @ 3350Psi, Tst Good, R/U Sand Line W/ Fishing Tool, P/U & RIH, Fish S/Vlve, R/D Sand Line, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D & Pmp Pkr Fluid W/ 70BW, N/D W/H-D, Set Pkr In 15K Pound Tention, N/U W/H-D, Psr Up Csg To 1700Psi, Psr Tst Csg. Csg Tst Good @ 1690Psi. Rig Down

NC1 2:30PM C/SDFN, 2:30PM-3:00PM C/Trvl. Ready For MIT

Daily Cost: \$0

Cumulative Cost: \$30,808

6/25/2012 Day: 5

Conversion

Rigless on 6/25/2012 - Conduct initial MIT - On 06/14/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 06/20/2012 the casing was pressured up to 1600 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# UT20633-09611 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$107,578

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-22060
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: 43013314980000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1925 FNL 0736 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 32 Township: 08.0S Range: 17.0E Meridian: S	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE COUNTY: DUCHESNE STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input 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: 7/18/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
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	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
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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 10:00 AM on 07/18/2012. EPA # UT20633-09611

**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	

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

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

JUL 12 2012



Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED
JUL 16 2012
DIV. OF OIL, GAS & MINING

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

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

RE: Underground Injection Control (UIC)
Limited Authorization to Inject
EPA UIC Permit UT20633-09611
Well: Gilsonite State 8-32-8-17
SENE Sec. 32-T8S-R17E
Duchesne County, Utah
API No.: 43-013-31498

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) June 25, 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 UT20633-09611.

As of the date of this letter, Newfield is authorized to commence injection into the Gilsonite State 8-32-8-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,450 psig for a limited period of 180 days during which time a Radioactive Tracer Survey (RTS) is required according to UIC Permit UT20633-09611. If Newfield seeks a higher MAIP than 1,450 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 UT20633-09611.

If you have questions regarding the above action, please call Emmett Schmitz at (303) 312-6174 or (800) 227-8917, extension 312-6174. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-UIC.

Sincerely,



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

cc: Uintah & Ouray Business Committee:

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

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
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2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: GILSONITE STATE 8-32
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PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1925 FNL 0736 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 32 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/11/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
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	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Step Rate Test"/>

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

A step rate test was conducted on the subject well on October 11, 2012. Results from the test indicate that the fracture gradient is 0.789 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1450 psi to 1735 psi. EPA:
UT20633-09611

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
November 01, 2012**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 10/31/2012	

Step Rate Test (SRT) Analysis

Date: 10/11/2012

Operator:

Newfield Production Company

Well:

Gilsonite State 8-32-8-17

Permit #:

UT20633-09611

Enter the following data :

Specific Gravity (sg) of injectate =	<u>1.015</u>	g/cc	
Depth to top perforation (D) =	<u>4975</u>	feet	4975
Top of permitted injection zone depth (blank=use top perforation to calculate fg) =		feet	
Estimated Formation Parting Pressure (Pfp) from SRT chart =	<u>1740</u>	psi	
Instantaneous Shut In Pressure (ISIP) from SRT =	<u>1806</u>	psi	1740
Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder =		psi	no downhole

Part One - Calculation of Fracture Gradient (fg)

Calculated Fracture Gradient = 0.789 psi/ft.

where: fg = Pbhp / D (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1806

D = depth used = 4975

Pbhp used = 3926

Calculated Bottom Hole Parting Pressure (Pbhp) = 3926 psi

3926.488

to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 * SG * D)

(Uses lesser of ISIP or Pfp) Value used = 1740

Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)

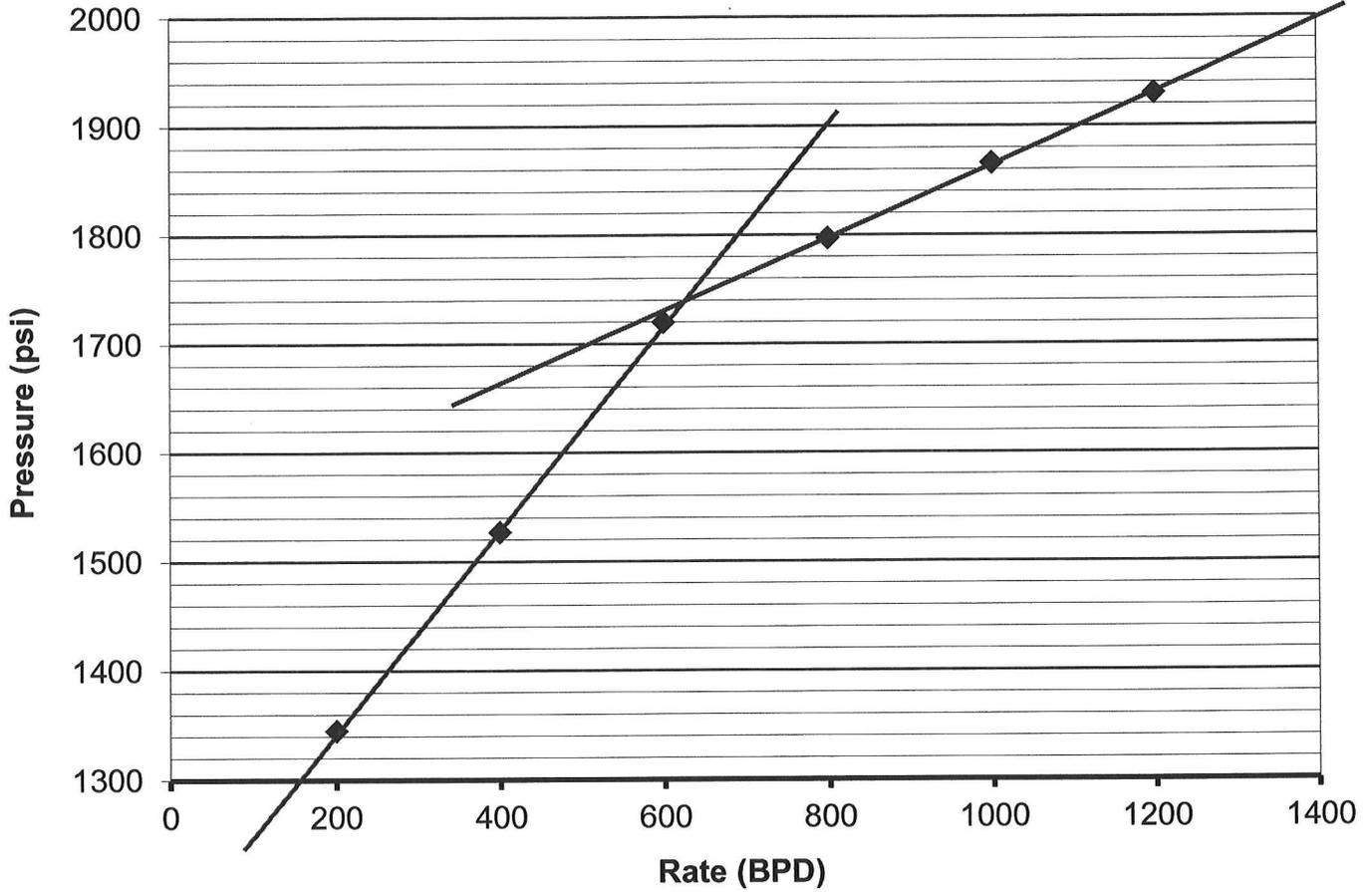
Maximum Allowable Injection Pressure (MAIP) = 1735 psig

D = depth used = 4975

MAIP = [fg - (0.433 * SG)] * D = 1738.787

(rounded down to nearest 5 psig)

**Gilsonite State 8-32-8 -17
Greater Monument Butte Unit
Step Rate Test
October 11, 2012**



Start Pressure: 1249 psi
Instantaneous Shut In Pressure (ISIP): 1806 psi
Top Perforation: 4975 feet
Fracture pressure (Pfp): 1740 psi
FG: 0.789 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	200	1345
2	400	1527
3	600	1720
4	800	1797
5	1000	1866
6	1200	1930

Gilsonite State 8-32-8-17 Rate Sheet (10-11-12)

<i>Step # 1</i>	Time:	5:05	5:10	5:15	5:20	5:25	5:30
	Rate:	200.5	200.5	200.5	200.5	200.4	200.4
	Time:	5:35	5:40	5:45	5:50	5:55	6:00
	Rate:	200.4	200.4	200.3	200.3	200.3	200.3
<i>Step # 2</i>	Time:	6:05	6:10	6:15	6:20	6:25	6:30
	Rate:	400.3	400.3	400.3	400.2	400.2	400.2
	Time:	6:35	6:40	6:45	6:50	6:55	7:00
	Rate:	400.2	400.1	400.1	400.1	400	400
<i>Step # 3</i>	Time:	7:05	7:10	7:15	7:20	7:25	7:30
	Rate:	600.7	600.7	600.7	600.6	600.6	600.6
	Time:	7:35	7:40	7:45	7:50	7:55	8:00
	Rate:	600.5	600.5	600.5	600.4	600.4	600.4
<i>Step # 4</i>	Time:	8:05	8:10	8:15	8:20	8:25	8:30
	Rate:	800.5	800.5	800.4	800.4	800.4	800.4
	Time:	8:35	8:40	8:45	8:50	8:55	9:00
	Rate:	800.3	800.3	800.3	800.3	800.2	800.2
<i>Step # 5</i>	Time:	9:05	9:10	9:15	9:20	9:25	9:30
	Rate:	1000.4	1000.4	1000.4	1000.3	1000.3	1000.2
	Time:	9:35	9:40	9:45	9:50	9:55	10:00
	Rate:	1000.2	1000.1	1000.1	1000.1	1000.1	1000
<i>Step # 6</i>	Time:	10:05	10:10	10:15	10:20	10:25	10:30
	Rate:	1200.6	1200.6	1200.6	1200.6	1200.4	1200.4
	Time:	10:35	10:40	10:45	10:50	10:55	11:00
	Rate:	1200.4	1200.4	1200.3	1200.3	1200.3	1200.3
	Time:						
	Rate:						
	Time:						
	Rate:						
	Time:						
	Rate:						
	Time:						
	Rate:						

Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 10/11/2012 15:08:58
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Gi
 Isonite State 8-32-8-17 SRT (10-11-2012).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Oct 11, 2012 04:29:59 AM MDT
 Data End Date: Oct 11, 2012 11:00:00 AM MDT
 Reading: 1 to 79 of 79
 Reading Rate: 30 Seconds
 Last Calibration Date: Aug 28, 2012
 Next Calibration Date: Aug 28, 2013
 Next Calibration Date: Aug 28, 2013

Gilsonite State 8-32-8-17 SRT (10-11-2012)

Unit Type (All Units)

Reading	DateTime (MDT)	Channel 2 PSIA
1	Oct 11, 2012 04:29:59 AM	1251.6
2	Oct 11, 2012 04:34:59 AM	1251.4
3	Oct 11, 2012 04:39:59 AM	1251.2
4	Oct 11, 2012 04:44:59 AM	1250.6
5	Oct 11, 2012 04:49:59 AM	1250.2
6	Oct 11, 2012 04:54:59 AM	1249.8
7	Oct 11, 2012 05:00:00 AM	1249.4
8	Oct 11, 2012 05:04:59 AM	1300.2
9	Oct 11, 2012 05:10:00 AM	1313.4
10	Oct 11, 2012 05:14:59 AM	1322
11	Oct 11, 2012 05:19:59 AM	1326.2
12	Oct 11, 2012 05:24:59 AM	1330
13	Oct 11, 2012 05:29:59 AM	1333
14	Oct 11, 2012 05:34:59 AM	1336
15	Oct 11, 2012 05:39:59 AM	1337.8
16	Oct 11, 2012 05:45:00 AM	1340
17	Oct 11, 2012 05:49:59 AM	1342.6
18	Oct 11, 2012 05:55:00 AM	1344.4
19	Oct 11, 2012 05:59:59 AM	1344.6
20	Oct 11, 2012 06:04:59 AM	1435.6
21	Oct 11, 2012 06:09:59 AM	1463.4
22	Oct 11, 2012 06:14:59 AM	1481.2
23	Oct 11, 2012 06:19:59 AM	1490
24	Oct 11, 2012 06:24:59 AM	1495.2
25	Oct 11, 2012 06:30:00 AM	1503
26	Oct 11, 2012 06:34:59 AM	1506.6
27	Oct 11, 2012 06:40:00 AM	1510.2
28	Oct 11, 2012 06:44:59 AM	1519.2
29	Oct 11, 2012 06:49:59 AM	1520.6
30	Oct 11, 2012 06:54:59 AM	1524
31	Oct 11, 2012 06:59:59 AM	1526.8
32	Oct 11, 2012 07:04:59 AM	1585.8
33	Oct 11, 2012 07:09:59 AM	1628.8
34	Oct 11, 2012 07:15:00 AM	1651.6
35	Oct 11, 2012 07:19:59 AM	1659.6
36	Oct 11, 2012 07:25:00 AM	1671.8
37	Oct 11, 2012 07:29:59 AM	1675.6
38	Oct 11, 2012 07:34:59 AM	1684.8

Gilsonite State 8-32-8-17 SRT (10-11-2012)

Unit Type	(All Units)	
Reading	DateTime (MDT)	Channel 2 PSIA
39	Oct 11, 2012 07:39:59 AM	1691.6
40	Oct 11, 2012 07:44:59 AM	1703
41	Oct 11, 2012 07:49:59 AM	1703
42	Oct 11, 2012 07:54:59 AM	1709.2
43	Oct 11, 2012 08:00:00 AM	1720
44	Oct 11, 2012 08:04:59 AM	1755.8
45	Oct 11, 2012 08:10:00 AM	1767.6
46	Oct 11, 2012 08:14:59 AM	1767.6
47	Oct 11, 2012 08:19:59 AM	1772.2
48	Oct 11, 2012 08:24:59 AM	1773
49	Oct 11, 2012 08:29:59 AM	1776.8
50	Oct 11, 2012 08:34:59 AM	1781.4
51	Oct 11, 2012 08:39:59 AM	1782
52	Oct 11, 2012 08:45:00 AM	1782.6
53	Oct 11, 2012 08:49:59 AM	1787.4
54	Oct 11, 2012 08:55:00 AM	1789.2
55	Oct 11, 2012 08:59:59 AM	1797
56	Oct 11, 2012 09:04:59 AM	1823.2
57	Oct 11, 2012 09:09:59 AM	1831
58	Oct 11, 2012 09:14:59 AM	1836.8
59	Oct 11, 2012 09:19:59 AM	1839
60	Oct 11, 2012 09:24:59 AM	1843.8
61	Oct 11, 2012 09:30:00 AM	1852.4
62	Oct 11, 2012 09:34:59 AM	1850.6
63	Oct 11, 2012 09:40:00 AM	1854.2
64	Oct 11, 2012 09:44:59 AM	1856.6
65	Oct 11, 2012 09:49:59 AM	1861.4
66	Oct 11, 2012 09:54:59 AM	1860
67	Oct 11, 2012 09:59:59 AM	1866
68	Oct 11, 2012 10:04:59 AM	1886.4
69	Oct 11, 2012 10:09:59 AM	1894.6
70	Oct 11, 2012 10:15:00 AM	1906
71	Oct 11, 2012 10:19:59 AM	1904
72	Oct 11, 2012 10:25:00 AM	1914
73	Oct 11, 2012 10:29:59 AM	1908.4
74	Oct 11, 2012 10:34:59 AM	1919
75	Oct 11, 2012 10:39:59 AM	1923
76	Oct 11, 2012 10:44:59 AM	1916.8
77	Oct 11, 2012 10:49:59 AM	1921.6
78	Oct 11, 2012 10:54:59 AM	1928.4
79	Oct 11, 2012 11:00:00 AM	1930.4

End of Report

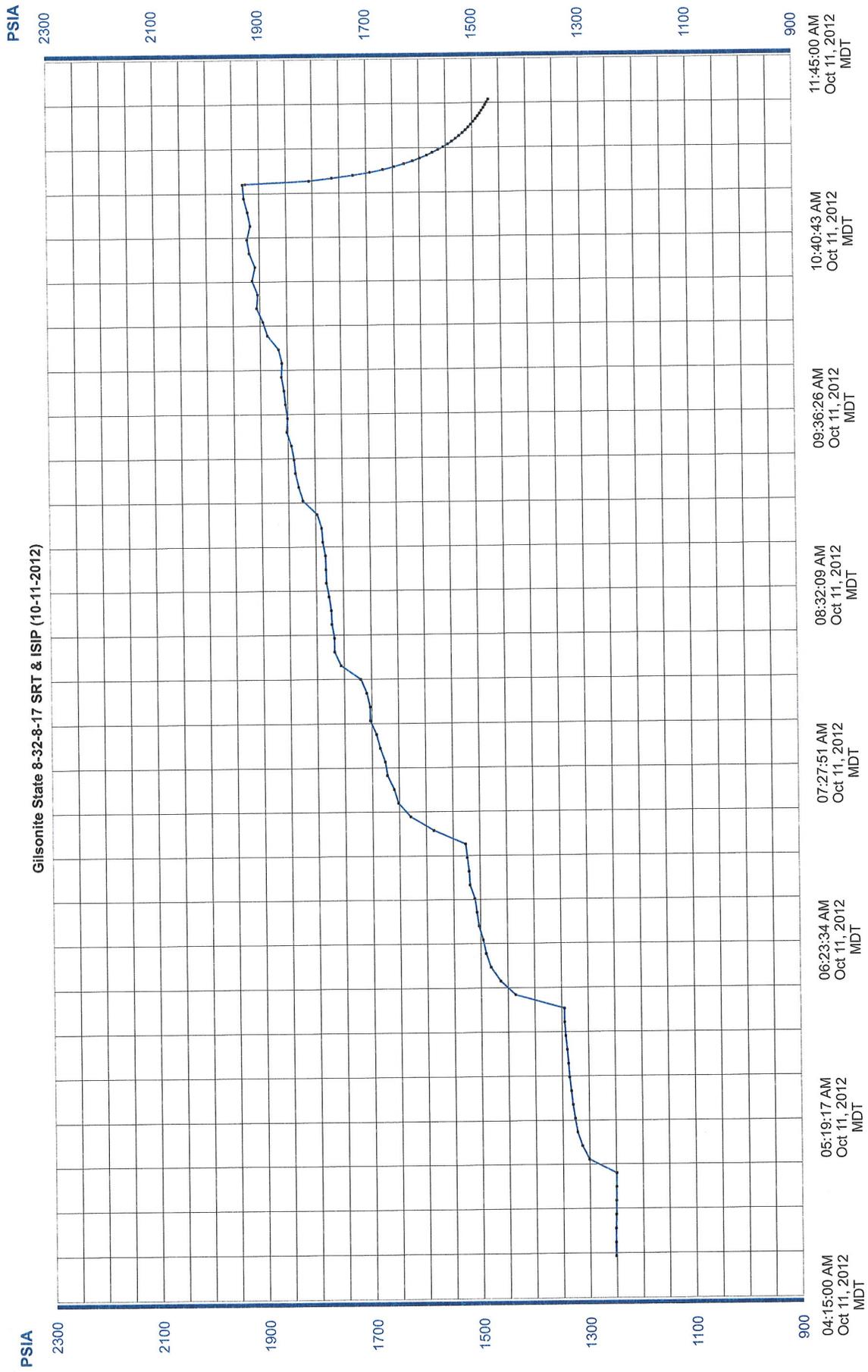
Data Table Report

Report Name: PrTemp1000 Data Table
 Report Date: 10/11/2012 15:09:12
 File Name: C:\Program Files\PTC® Instruments 2.03.12\Gilonite State 8-32-8-17 ISIP (10-11-2012).csv
 Device: PrTemp1000 - Temperature and Pressure Recorder
 Hardware Revision: REV2C (64K)
 Serial Number: N87695
 Device ID: PrTemp
 Data Start Date: Oct 11, 2012 11:00:11 AM MDT
 Data End Date: Oct 11, 2012 11:30:11 AM MDT
 Reading: 1 to 31 of 31
 Reading Rate: 30 Seconds
 Last Calibration Date: Aug 28, 2012
 Next Calibration Date: Aug 28, 2013
 Next Calibration Date: Aug 28, 2013

Gilsonite State 8-32-8-17 ISIP (10-11-2012)

Unit Type	(All Units)	
Reading	DateTime (MDT)	Channel 2 PSIA
1	Oct 11, 2012 11:00:11 AM	1925.4
2	Oct 11, 2012 11:01:11 AM	1805.8
3	Oct 11, 2012 11:02:11 AM	1763.4
4	Oct 11, 2012 11:03:11 AM	1724
5	Oct 11, 2012 11:04:11 AM	1692.8
6	Oct 11, 2012 11:05:11 AM	1667.8
7	Oct 11, 2012 11:06:11 AM	1646.6
8	Oct 11, 2012 11:07:11 AM	1628.2
9	Oct 11, 2012 11:08:12 AM	1611.8
10	Oct 11, 2012 11:09:11 AM	1598
11	Oct 11, 2012 11:10:11 AM	1585.2
12	Oct 11, 2012 11:11:11 AM	1574.6
13	Oct 11, 2012 11:12:11 AM	1564.2
14	Oct 11, 2012 11:13:11 AM	1554.4
15	Oct 11, 2012 11:14:11 AM	1545.4
16	Oct 11, 2012 11:15:11 AM	1537.8
17	Oct 11, 2012 11:16:11 AM	1530.6
18	Oct 11, 2012 11:17:11 AM	1524.2
19	Oct 11, 2012 11:18:11 AM	1518
20	Oct 11, 2012 11:19:11 AM	1512.2
21	Oct 11, 2012 11:20:11 AM	1506.8
22	Oct 11, 2012 11:21:11 AM	1502.2
23	Oct 11, 2012 11:22:11 AM	1497.4
24	Oct 11, 2012 11:23:11 AM	1493
25	Oct 11, 2012 11:24:12 AM	1488.8
26	Oct 11, 2012 11:25:11 AM	1485
27	Oct 11, 2012 11:26:11 AM	1481.6
28	Oct 11, 2012 11:27:11 AM	1478
29	Oct 11, 2012 11:28:11 AM	1474.6
30	Oct 11, 2012 11:29:11 AM	1471.8
31	Oct 11, 2012 11:30:11 AM	1468.6

End of Report





**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8**

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

DEC 06 2012

Ref: 8P-W-UIC

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

Mr. Reed Durfey
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, Utah 84502

RE: Underground Injection Control (UIC)
Authorization to Continue Injection with
Minor Permit Modification
EPA UIC Permit UT20633-09611
Well: Gilsonite State 8-32-8-17
SENE Sec. 32-T8S-R17E
Duchesne County, Utah
API No.: 43-013-31498

Dear Mr. Durfey:

The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) October 31, 2012, letter with enclosures requesting an increase in the Maximum Allowable Injection Pressure (MAIP) for the Gilsonite State 8-32-8-17 well. Newfield's interpretation of the enclosed Step Rate Test data concluded the fracture gradient to be 0.789 psi/ft. However, an EPA analysis determined the fracture gradient in this area to be 0.780 psi/ft., resulting in a calculated MAIP of 1,690 psig. The enclosed Radioactive Tracer Survey was reviewed and approved by the EPA. The MAIP for UIC Permit UT20633-09611 is hereby decreased to 1,690 psig from the 1,450 psig previously authorized.

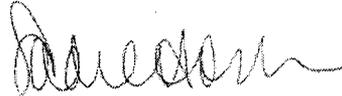
As of this approval, responsibility for permit compliance and enforcement is transferred to the EPA's UIC Technical Enforcement Program. Therefore, please direct all monitoring and compliance correspondence to Sarah Roberts at the following address, referencing the well name and UIC Permit number on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

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

Or, you may reach Ms. Roberts by telephone at (303) 312-7056 or (800) 227-8927, extension 312-7056. Please remember that it is your responsibility to be aware of, and to comply with, all conditions of injection well Permit UT20633-09611.

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

Sincerely,



 Derrith Watchman-Moore
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

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

Johnna Blackhair
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

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

Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

Well Name: **Gilsonite 8-32-8-17**

43-013-31498

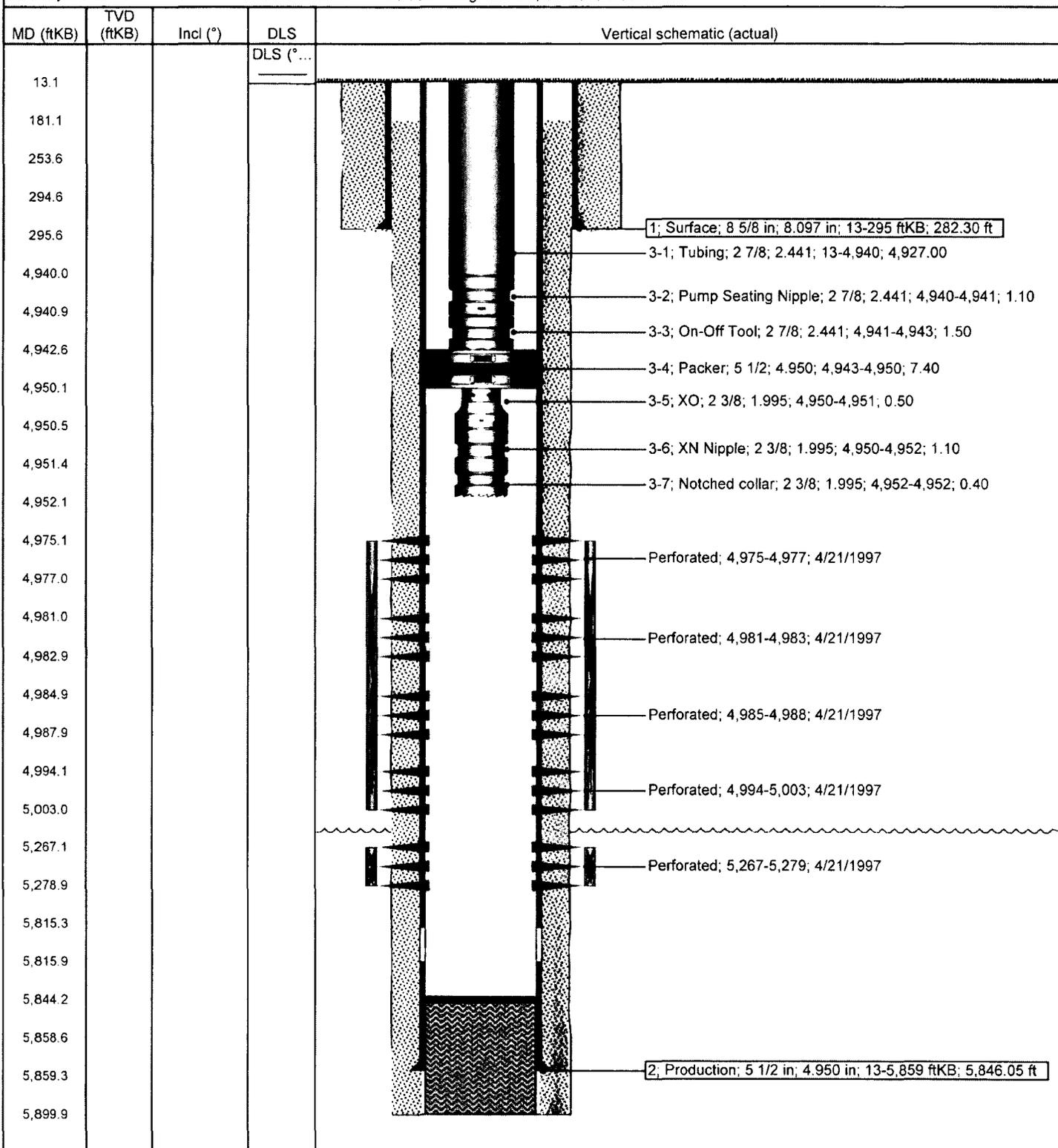
Surface Legal Location 32-8S-17E		API/UWI 4301331498000	Well RC 500151688	Lease	State/Province Utah	Field Name GMBU CTB7	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 3/31/1997	Original KB Elevation (ft) 5,162	Ground Elevation (ft) 5,149	Total Depth All (TVD) (ftKB)	PBD (All) (ftKB) Original Hole - 5,844.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 6/12/2012	Job End Date 6/20/2012
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	---------------------------

TD: **5,900.0**

Vertical - Original Hole, 3/7/2016 9:56:10 AM



NEWFIELD



Newfield Wellbore Diagram Data Gilsonite 8-32-8-17

Surface Legal Location 32-8S-17E		API/UWI 43013314980000		Lease	
County DUCHESNE		State/Province Utah		Basin	
Well Start Date 3/29/1997		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,162		Ground Elevation (ft) 5,149		Total Depth (ftKB) 5,900.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 5,844.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	W/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	3/22/1997	8 5/8	8.097	24.00	J-55	295
Production	4/2/1997	5 1/2	4.950	15.50	J-55	5,859

Cement

String: Surface, 295ftKB 3/23/1997

Cementing Company BJ Services Company		Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 295.5	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 120	Class G	Estimated Top (ftKB) 13.0

String: Production, 5,859ftKB 4/2/1997

Cementing Company BJ Services Company		Top Depth (ftKB) 181.0	Bottom Depth (ftKB) 5,900.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 440	Class Class V	Estimated Top (ftKB) 181.0
Fluid Description		Fluid Type Tail	Amount (sacks) 360	Class Thixotropic	Estimated Top (ftKB) 3,000.0

Tubing Strings

Tubing Description					Run Date	Set Depth (ftKB)			
Tubing					6/12/2012	4,952.0			
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Blm (ftKB)	
Tubing	158	2 7/8	2.441	6.50	J-55	4,927.00	13.0	4,940.0	
Pump Seating Nipple	1	2 7/8	2.441			1.10	4,940.0	4,941.1	
On-Off Tool	1	2 7/8	2.441			1.50	4,941.1	4,942.6	
Packer	1	5 1/2	4.950			7.40	4,942.6	4,950.0	
XO	1	2 3/8	1.995			0.50	4,950.0	4,950.5	
XN Nipple	1	2 3/8	1.995			1.10	4,950.5	4,951.6	
Notched collar	1	2 3/8	1.995			0.40	4,951.6	4,952.0	

Rod Strings

Rod Description				Run Date	Set Depth (ftKB)			
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Blm (ftKB)	

Perforation Intervals

Stage#	Zone	Top (ftKB)	Blm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
2	C, Original Hole	4,975	4,977	4			4/21/1997
2	C, Original Hole	4,981	4,983	4			4/21/1997
2	C, Original Hole	4,985	4,988	4			4/21/1997
2	C, Original Hole	4,994	5,003	4			4/21/1997
1	A1, Original Hole	5,267	5,279	4			4/21/1997

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/m/n)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	3,883		28.0				
2	3,171		29.5				

Proppant

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		Proppant Sand 86700 lb
2		Proppant Sand 102000 lb