

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.
UTU-096550

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL** **DEEPEN**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

1b. TYPE OF WELL

7. UNIT AGREEMENT NAME
Jonah Unit

OIL GAS SINGLE MULTIPLE
WELL WELL OTHER ZONE ZONE

8. FARM OR LEASE NAME
Jonah Federal

2. NAME OF OPERATOR
Inland Production Company

9. WELL NO.
#2-11

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

10. FIELD AND POOL OR WILDCAT
Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. *)
At Surface **NWNE, 491.6' FNL and 2075.1' FEL**
At proposed Prod. Zone **44336034N
578148E**

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
**NWNE
Sec. 11, T9S, R16E**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 16.2 miles south of Myton, Utah

12. County **Duchesne** 13. STATE **Utah**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
Approximately 492'

16. NO. OF ACRES IN LEASE
840

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
Approximately 1111'

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5545.7' GR

22. APPROX. DATE WORK WILL START*
Third quarter, 2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

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

The Conditions of Approval are also attached.

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

24. SIGNED *Jon Holst* TITLE **Counsel** DATE 5/08/00
Jon Holst

(This space for Federal or State office use)

PERMIT NO. 43-013-32158 APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Bradley G. Hill* TITLE **BRADLEY G. HILL** DATE 6/6/00
RECLAMATION SPECIALIST III

**Federal Approval of this
Action is Necessary**

*See Instructions On Reverse Side

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

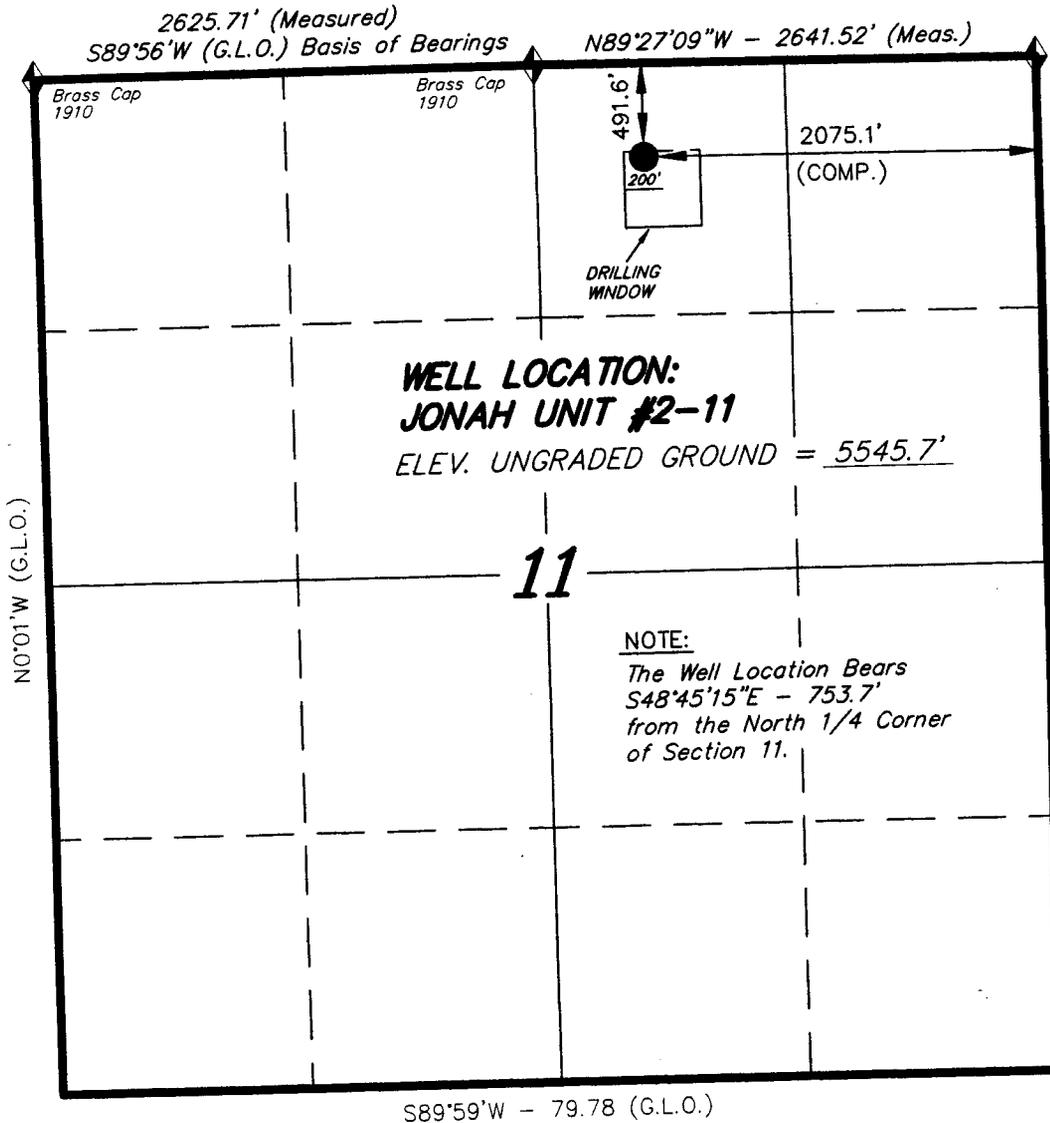
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MAY 22 2000
DIVISION OF
OIL, GAS AND MINING

T9S, R16E, S.L.B.&M.

S89°56'W - 79.80 (G.L.O.)

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT #2-11,
LOCATED AS SHOWN IN THE NW 1/4 NE
1/4 OF SECTION 11, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

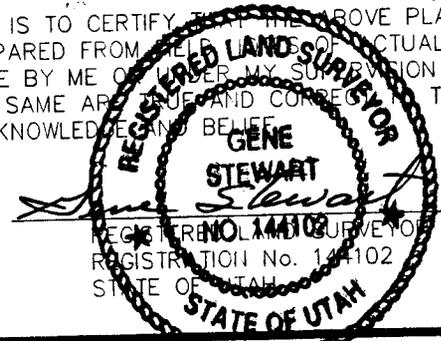


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THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD AND ACTUAL SURVEYS
MADE BY ME UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING	
38 WEST 100 NORTH - VERNAL, UTAH 84078 (435) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: C.D.S.
DATE: 4/18/00	WEATHER: FAIR
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)



May 17, 2000

United States Department of Interior
Bureau of Land Management - Vernal District Office
Attention: Margie Herrmann
170 South 500 East
Vernal, Utah 84078-2799

RE: Jonah 1-11-9-16
NENE Section 11, T9S, R16E
Jonah 2-11-9-16
NWNE Section 11, T9S, R16E
Jonah 3-11-9-16
NENW Section 11, T9S, R16E
Duchesne County, Utah

Dear Ms. Herrmann:

Enclosed please find the three Applications for Permits to Drill the Jonah Unit wells listed above, submitted in triplicate, for your review and approval. The Archeological Surveys and Paleontological Surveys for these wells are also enclosed.

If you have any questions or require any additional information, please contact me or Jon Holst at (303) 893-0102.

Sincerely,

Joyce McGough
Regulatory Technician

Enclosures: Form 3160-3 and attachments (3 copies)

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

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**DIVISION OF
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INLAND PRODUCTION COMPANY
JONAH FEDERAL #2-11
NW NE SECTION 11, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta Formation of Upper Eocene Age

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

Uinta	0 – 1500'
Green River	1500'
Wasatch	6500'

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

Green River Formation 1500' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP. See Exhibit "F".

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

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP.

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

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

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

Please refer to the Monument Butte Field SOP.

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INLAND PRODUCTION COMPANY
JONAH FEDERAL #2-11
NW NE SECTION 11, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site (Jonah Federal #2-11) located in NW NE, Section 11, T9S, R16E, Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 approximately 1.5 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.7 miles to its junction with Highway 216; proceed southwesterly along Highway 216 for approximately 9.3 miles, to its junction with an existing dirt road. Continue on this road westerly for approximately 3.7 miles to its junction with the proposed access road. Turn easterly and follow the access road approximately 900' to the proposed well location.

2. **PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "D"

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

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

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

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. **SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP. See Exhibit "E".

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8. **ANCILLARY FACILITIES:**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT:**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s). Refer to Exhibits "E" and "E-1".

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

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION:**

The Archaeological Cultural Resource Survey is attached.

Inland Production Company requests a 60' ROW for the Jonah Federal #2-11 to allow for construction of a 6" poly gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C".

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

Representative

Name: Jon Holst
Address: 410 Seventeenth Street
Suite 700
Denver, CO 80202
Telephone: (303) 893-0102

Certification

Please be advised that INLAND RESOURCES, INC. is considered to be the operator of the well Jonah Federal #2-11, NW NE, Section 11, T9S, R16E, Lease #UTU-096550, 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.

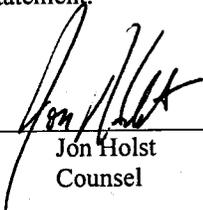
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I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work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

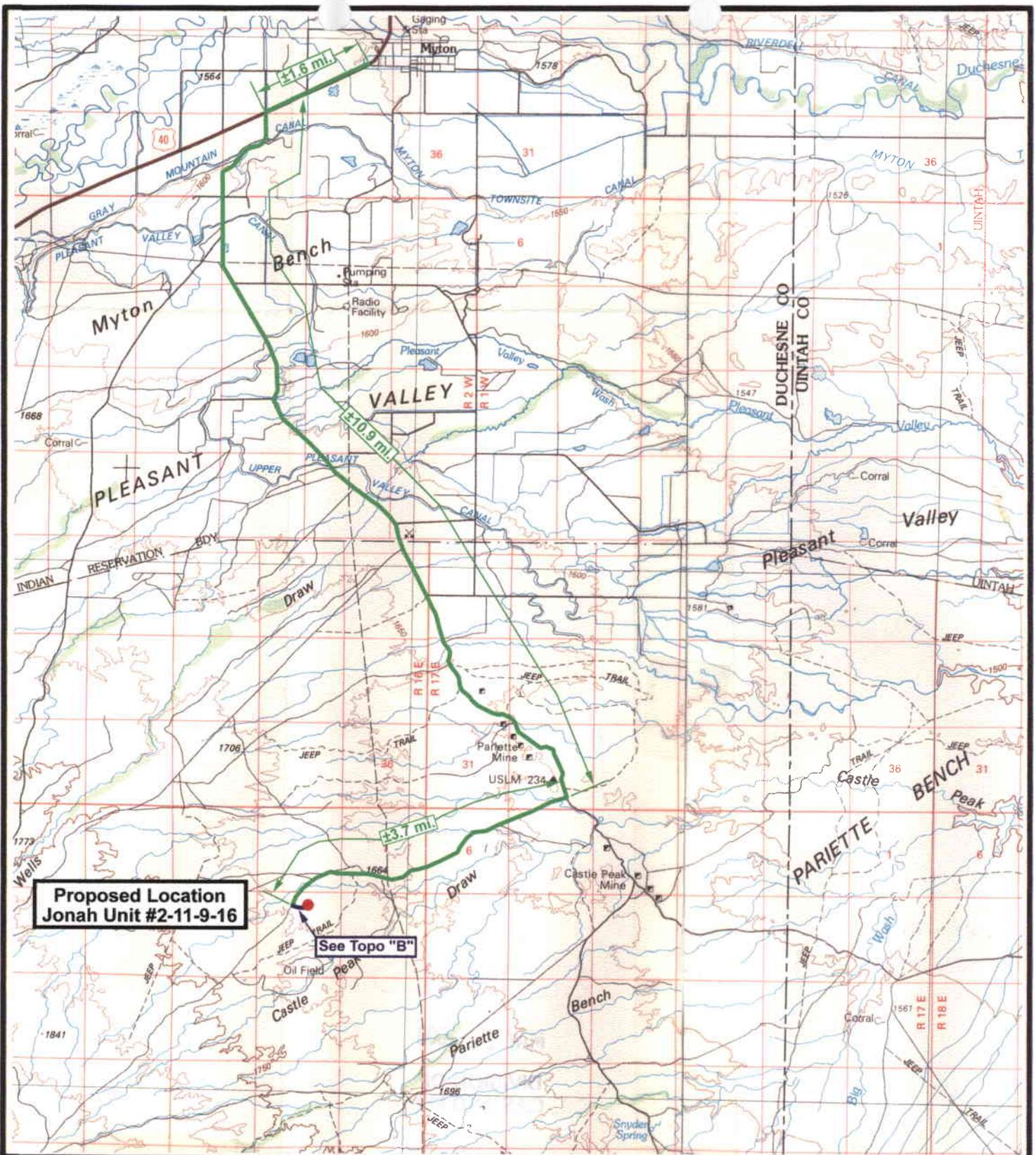
5/08/00
Date


Jon Holst
Counsel

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**Proposed Location
Jonah Unit #2-11-9-16**

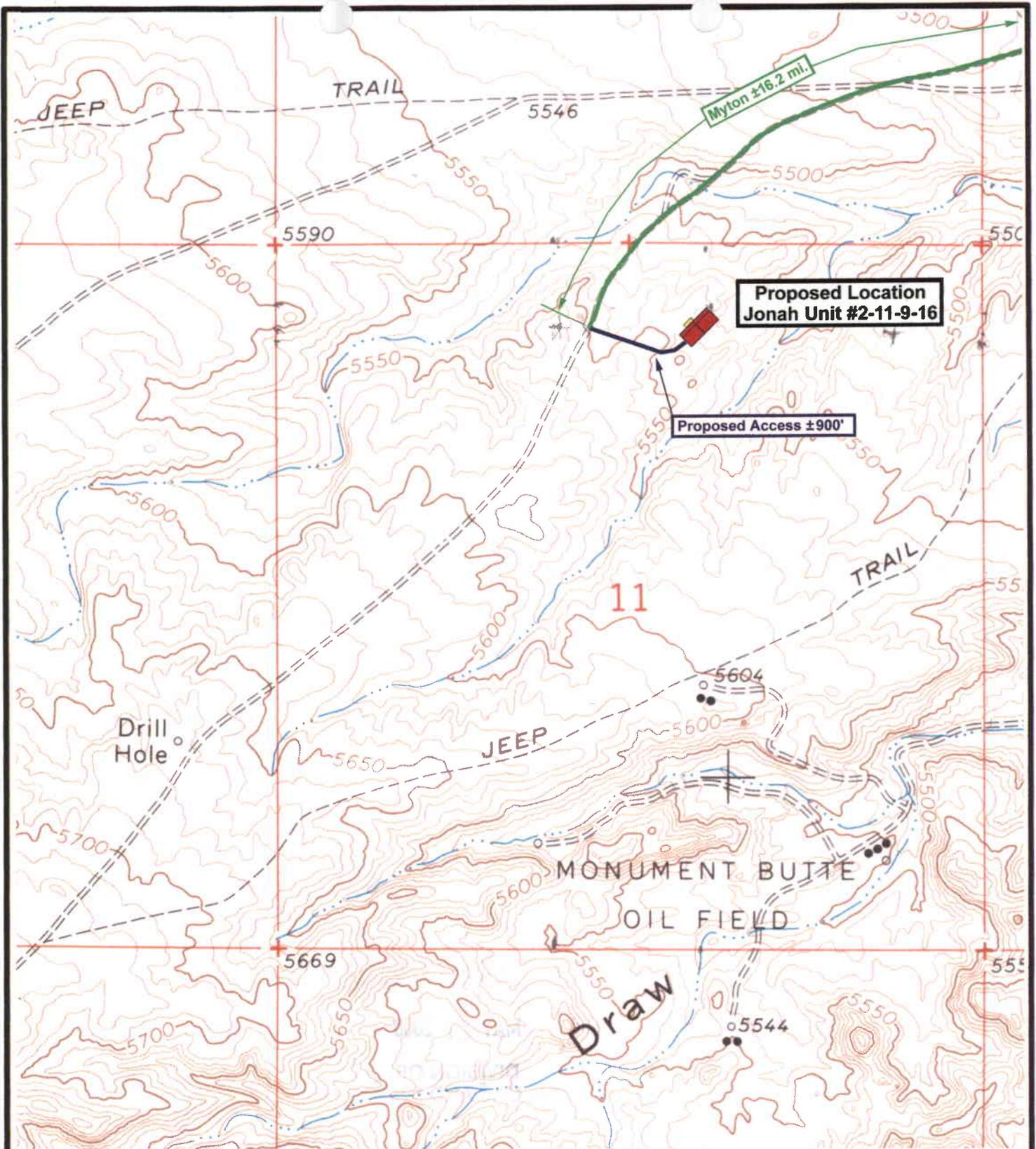
See Topo "B"



**JONAH UNIT #2-11-9-16
SEC. 11, T9S, R16E, S.L.B.&M.
TOPOGRAPHIC MAP "A"**



Drawn By: SS	Revision:
Scale: 1 : 100,000	File:
Date: 4-18-00	
Tri-State Land Surveying Inc. P.O. Box 533, Vernal, UT 84078 435-781-2501 Fax 435-781-2518	

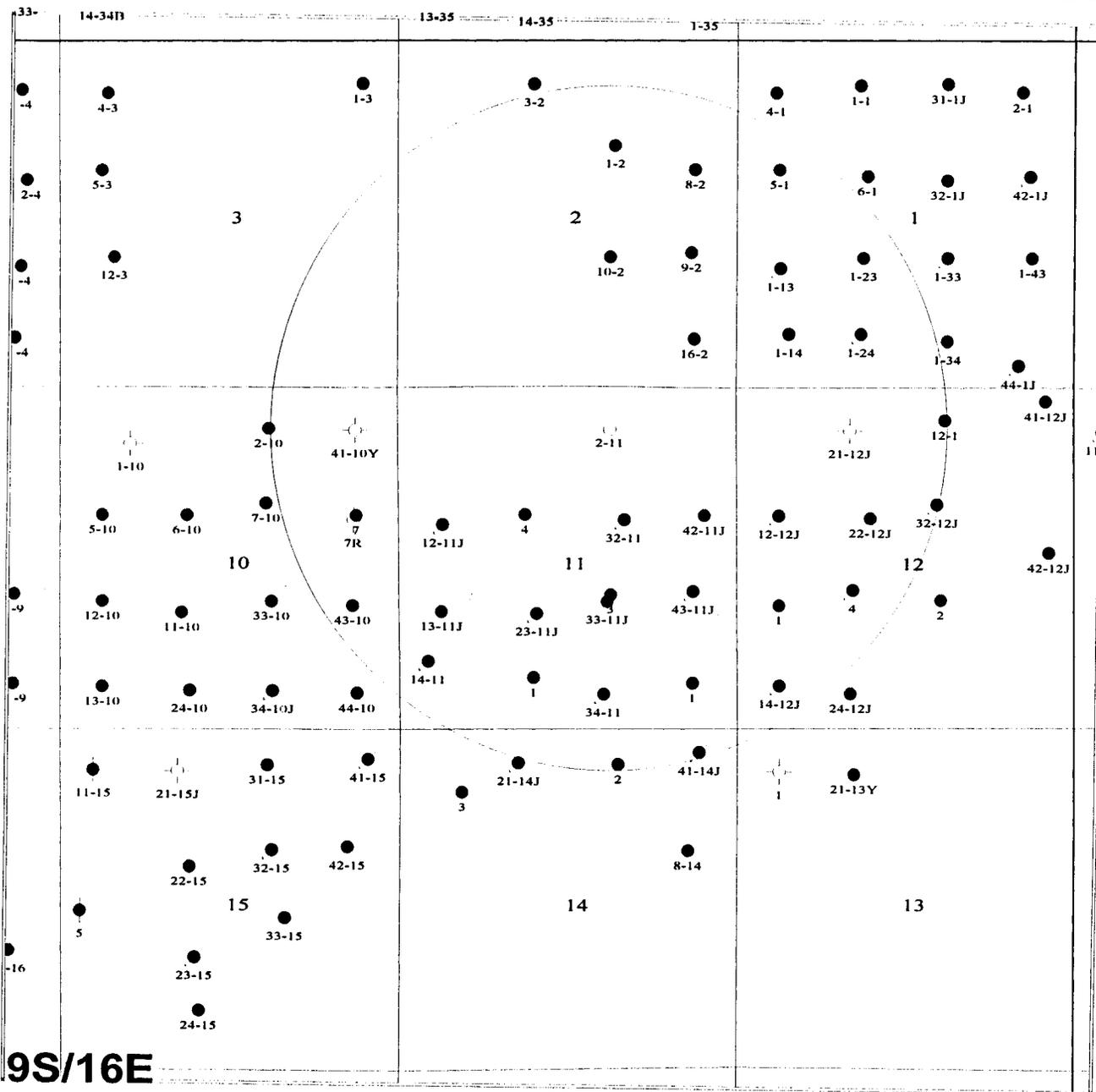


**JONAH UNIT #2-11-9-16
 SEC. 11, T9S, R16E, S.L.B.&M.
 TOPOGRAPHIC MAP "B"**



Drawn By: SS	Revision:
Scale: 1 : 100,000	File:
Date: 4-18-00	

**Tri-State Land Surveying Inc.
 P.O. Box 533, Vernal, UT 84078
 435-781-2501 Fax 435-781-2518**



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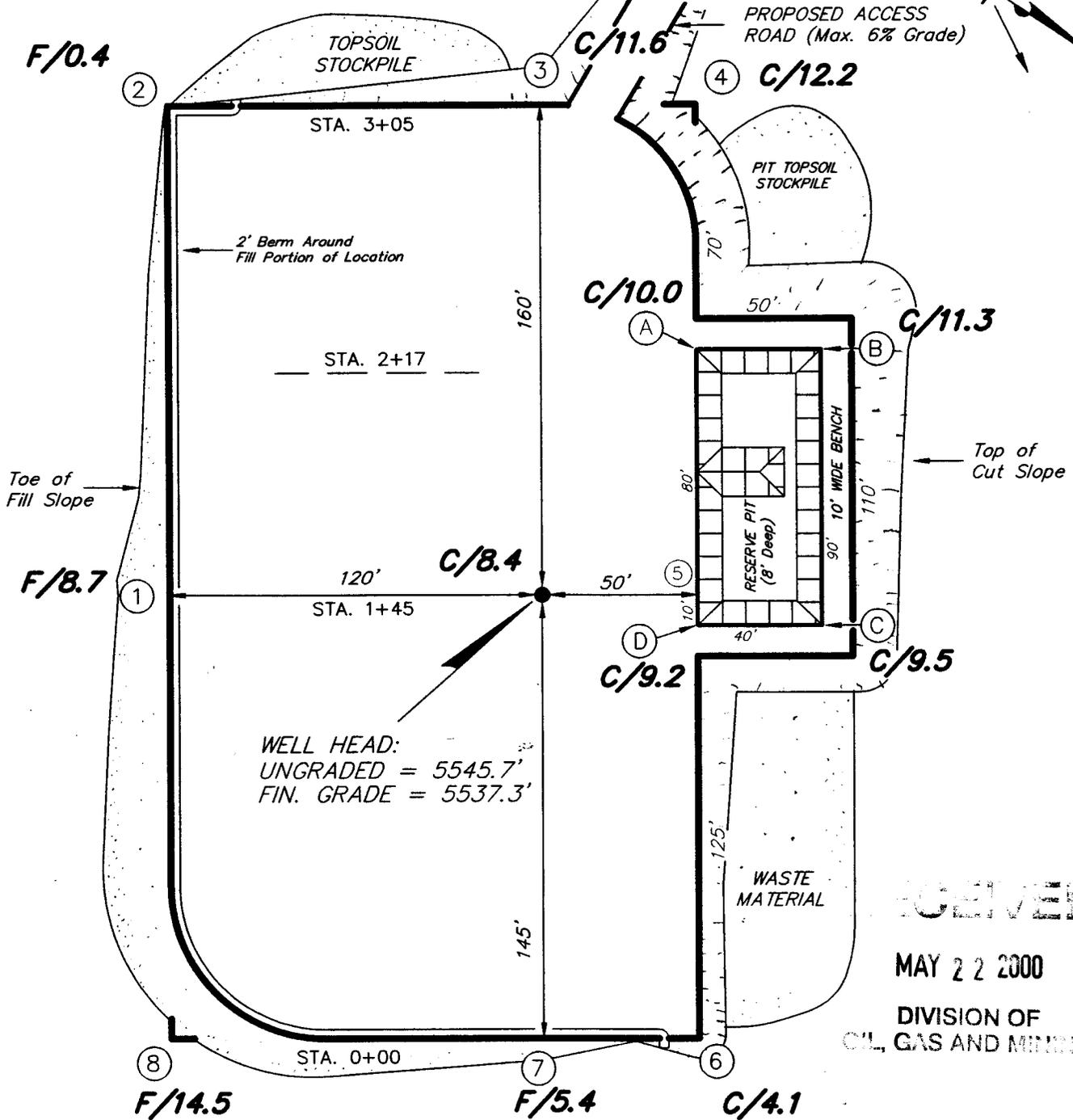
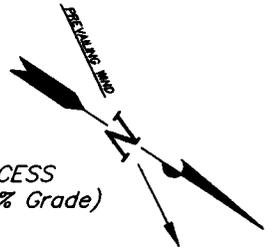
EXHIBIT D

9S/16E

INLAND PRODUCTION COMPANY		
One Mile Radius Jonah Unit #2-11-9-16		
Job Sheet	Scale 1:30,000	418200

INLAND PRODUCTION COMPANY

JONAH UNIT #2-11
 SEC. 11, T9S, R16E, S.L.B.&M.



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EXHIBIT E

- REFERENCE POINTS
- 170' SOUTHEAST = 5527.4'
 - 200' SOUTHEAST = 5528.0'
 - 200' SOUTHWEST = 5550.4'
 - 250' SOUTHWEST = 5551.9'

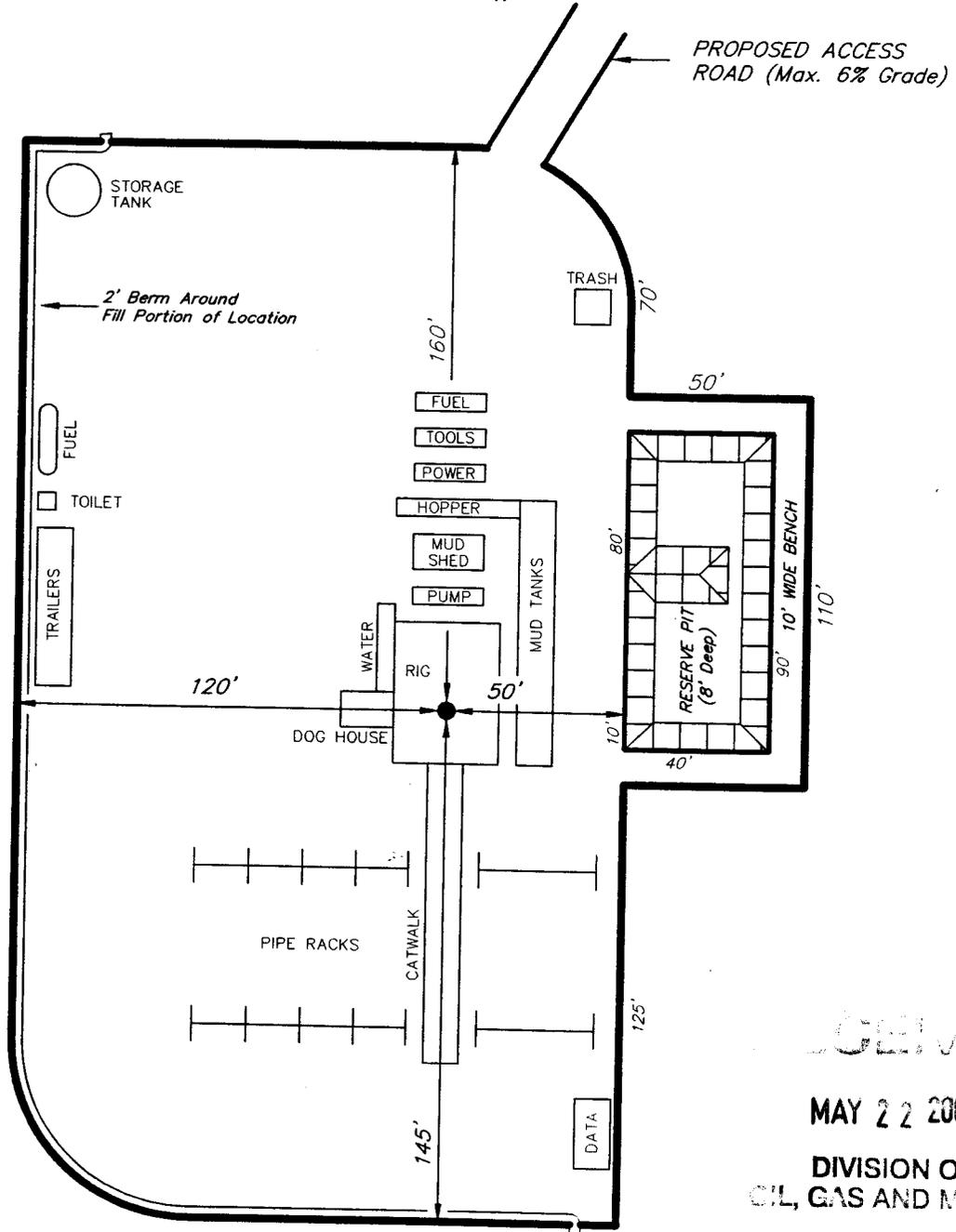
SURVEYED BY: G.S.	SCALE: 1" = 50'
DRAWN BY: B.J.S.	DATE: 4/18/00

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

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH UNIT #2-11



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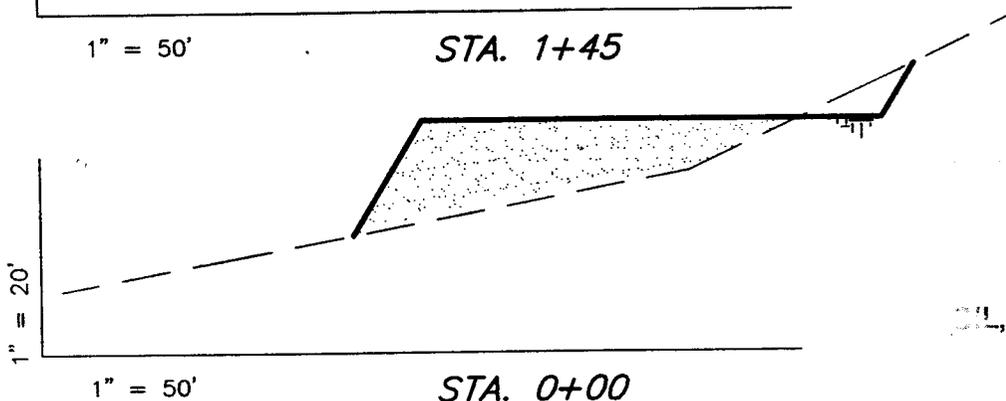
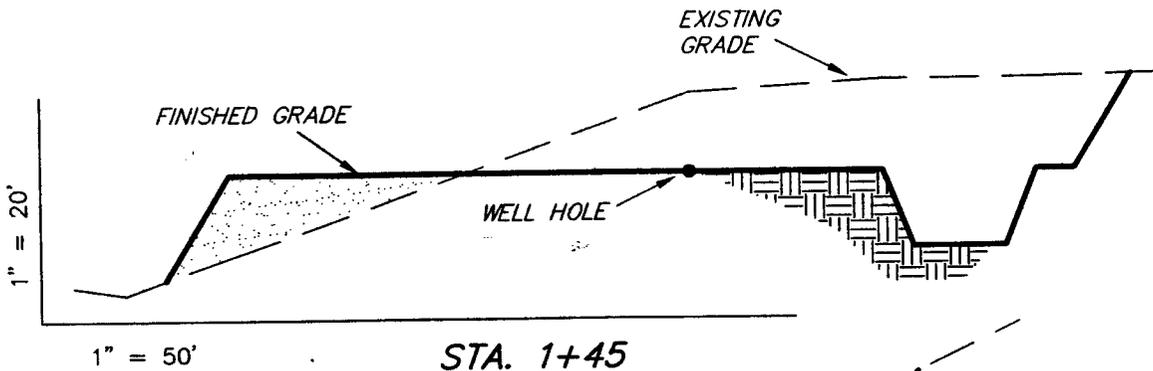
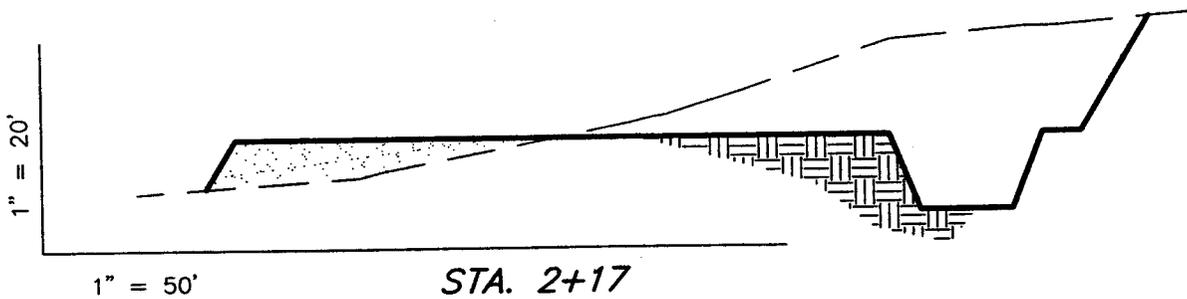
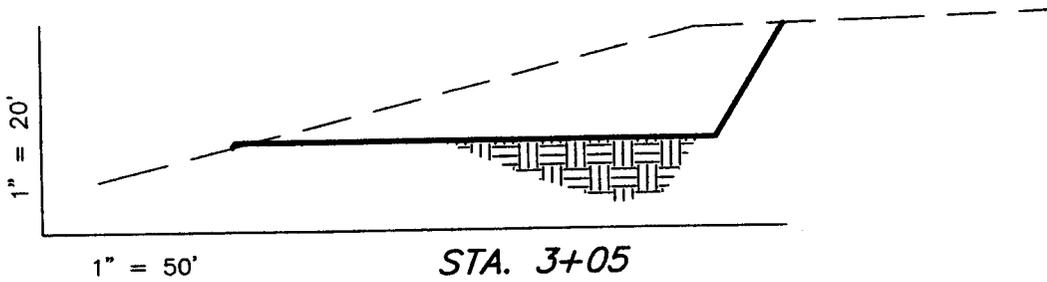
EXHIBIT E

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

INLAND PRODUCTION COMPANY

CROSS SECTIONS

JONAH UNIT #2-11



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APPROXIMATE YARDAGES

CUT = 6,950 Cu. Yds.

FILL = 6,950 Cu. Yds.

PIT = 920 Cu. Yds.

6" TOPSOIL = 1,060 Cu. Yds.

EXHIBIT E-1

SURVEYED BY: G.S.

SCALE: 1" = 50'

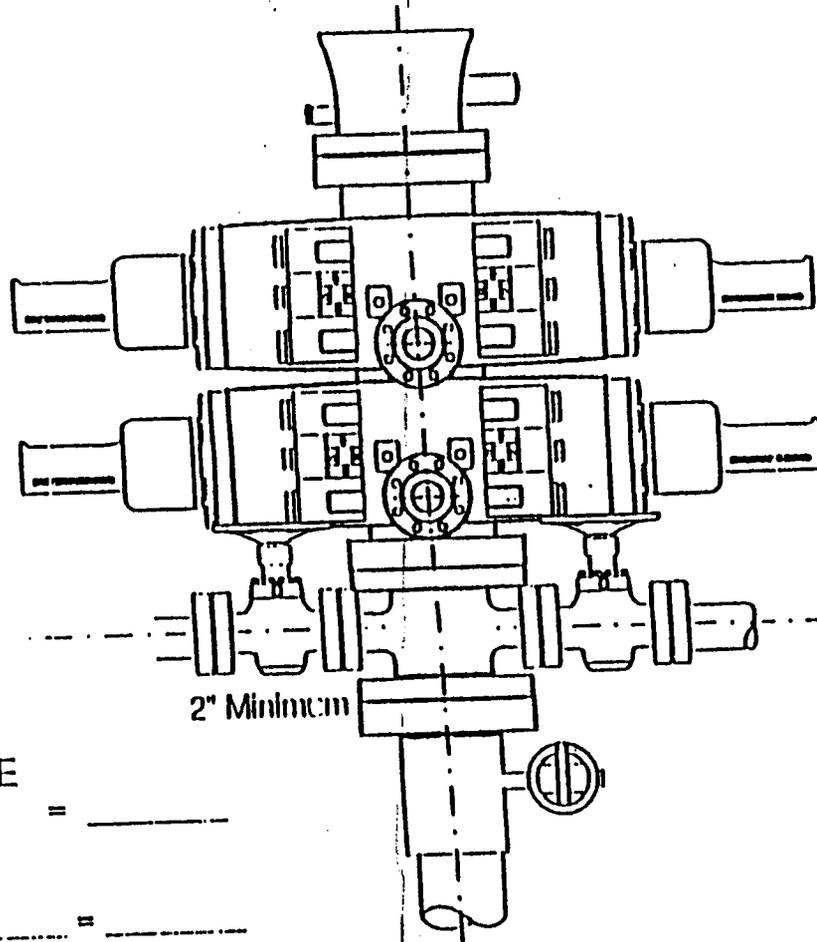
DRAWN BY: B.J.S.

DATE: 4/18/00

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

B.O.P.

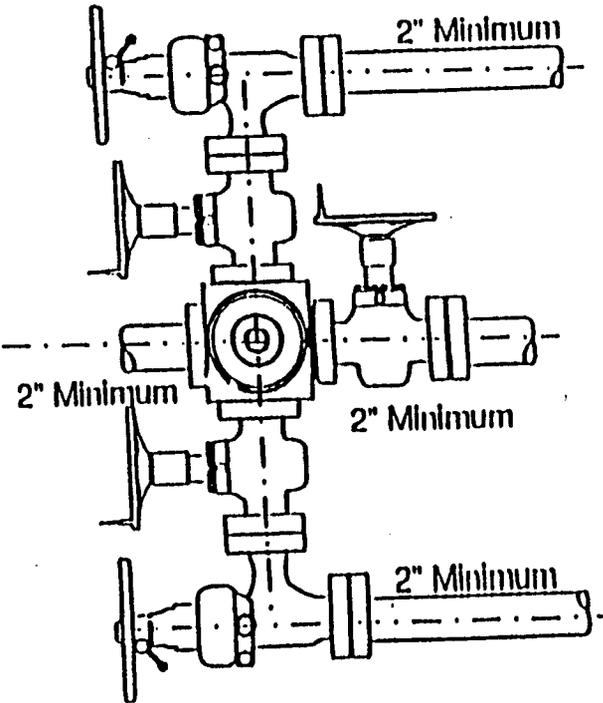
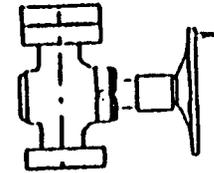
2-M SYSTEM



2" Minimum

CLOSE
 ... Gal. BOP = _____
 ... Gal. BOP = _____
 ... Gal. x 2 = _____ Total Gal.

... Gal. (total fluid & nitro volume)
 ... Gal. would require
 ... Gal. (total fluid & nitro volume)



2" Minimum

2" Minimum

2" Minimum

2" Minimum

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EXHIBIT F

Well No.: Jonah 2-11-9-16

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Jonah 2-11-9-16

Lease Number: UTU-096550

Location: NWNE Sec 11, T9S, R16E

GENERAL

Access road should enter well pad from a westerly direction, branching off of an existing gravel road to the west.

CULTURAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

PALEONTOLOGICAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

SOILS, WATERSHEDS, AND FLOODPLAINS

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

WILDLIFE AND FISHERIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

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THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

BURROWING OWL: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

MOUNTAIN PLOVER: If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

OTHER

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**CULTURAL RESOURCE INVENTORY OF
THE JONAH UNIT WELLS 1-11, 2-11, 3-11,
AND THE SOUTH WELLS DRAW UNIT 15-34
IN DUCHESNE COUNTY, UTAH**

JBR Cultural Resource Report 00-14

prepared for
Inland Resources Inc.
Denver, Colorado

submitted by

JBR Environmental Consultants Inc.
Springville, UT

April 24, 2000

Federal BLM Permit No. 99UT55134
Utah State Project Authorization No. U-00-JB-0146b

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OIL, GAS AND MINING

MANAGEMENT SUMMARY

Agencies: Utah State Historic Preservation Office (SHPO),
Bureau of Land Management (BLM) - Vernal Field Office.

Project Number: Utah State Project Authorization No.: U-00-JB-0146b,
Federal BLM Permit No.: 99UT55134
Utah State Permit No.: U-00-JB

Project Description: The project consists of a cultural resource inventory of four 40 acre inventory units for proposed well pad locations. The proposed well pads include the Jonah Unit wells 1-11, 1-11, 3-11 and the South Wells Draw Unit well 15-34. Ten acres of the South Wells Draw Unit well 15-34 had been previously inventoried and was not inventoried during the current project. A total of 150 acres were completed for the project, all of which are on lands administered by the Bureau of Land Management.

Location: The proposed project areas are located approximately ten miles southwest of Myton in Duchesne County, Utah.

Cultural Resources: The Class III inventory did not identify any cultural resource sites. The only cultural resources noted were three isolated finds.

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1.0 INTRODUCTION

JBR Environmental Consultants, Inc. of Springville, Utah, completed a cultural resource inventory of four 40 acre inventory areas for proposed well pad locations for Inland Resources, Inc. The proposed project inventory areas include the locations for wells 1-11, 2-11, and 3-11 in the Jonah Unit and 15-34 in the South Wells Draw Unit. A paleontological assessment of the project area was completed by Wade Miller under a separate report in March of 2000.

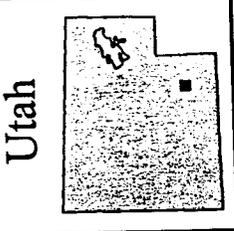
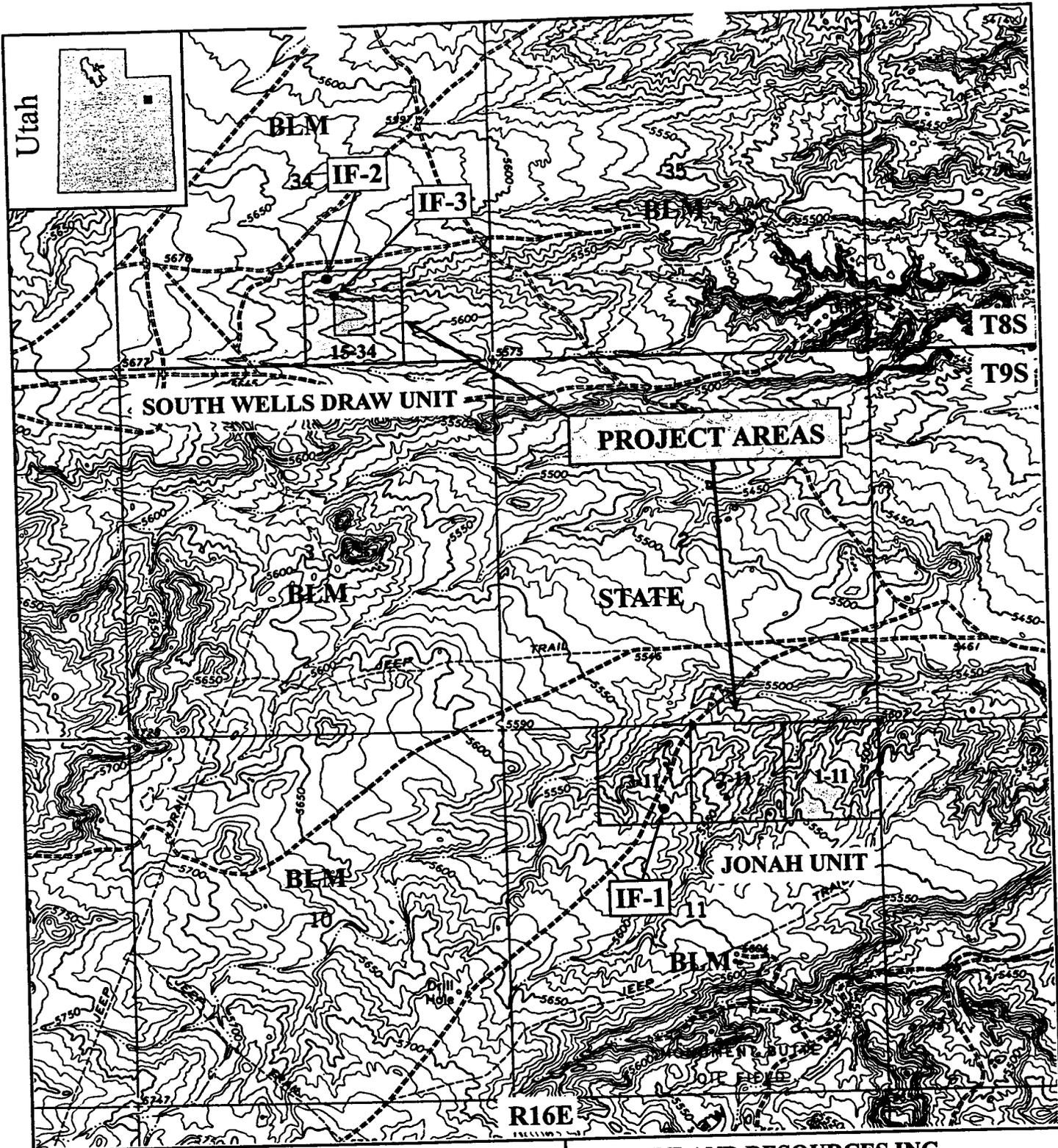
The cultural resource inventory of the proposed areas did not encounter any cultural resource sites. The only cultural materials noted were defined as three isolated finds. The project inventory was conducted on April 12, 2000 by JBR personnel Scott Billat, Richard Crosland, and Jenni Prince-Mahoney.

2.0 PROJECT LOCATION

All of the proposed project areas are located approximately ten miles southwest of Myton, Utah in Duchesne County (Figures 1 and 2). The project areas are located on lands administered by the Bureau of Land Management - Vernal Field Office. The legal locations for the project parcels are listed in Table 1.

Table 1. Project Area Legal Locations

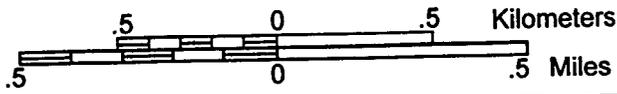
Well Locations	Township/Range Section	Legal Locations	7.5 min USGS Quad
1-11 Jonah Unit	T9S R16E Section 11	NE ¼ of NE ¼	Myton SE, Utah
1-12 Jonah Unit	T9S R16E Section 11	NW ¼ of NE ¼	Myton SE, Utah
1-13 Jonah Unit	T9S R16E Section 11	NE ¼ of NW ¼	Myton SE, Utah
15-34 South Wells Draw Unit	T8S R15E Section 34	SW ¼ of SE ¼	Myton SE, Utah



BASE FROM MYTON SE, UT - 7.5 MIN QUAD

KEY:

-  CLASS III INVENTORY
-  PREVIOUS INVENTORY (95-SJ-0040)
-  ISOLATED FIND



INLAND RESOURCES INC.
 WELLS 1-11, 2-11 AND 3-11
 IN THE JONAH UNIT AND WELL 15-34
 IN THE SOUTH WELLS DRAW UNIT

FIGURE 2
PROJECT AREAS
AND CULTURAL RESOURCES

jbr
 environmental consultants, inc.
 Salt Lake City, Utah • Springville, Utah • Reno, Nevada • Elko, Nevada

3.0 NATURE OF PROPOSED IMPACTS

Inland Resources proposes to develop four well locations within the identified project area. Less than 10 acres per well pad will be impacted by Inland during drilling operations. The completion of 40 acre well tracts will give Inland an area to situate the final well placement and associated facilities during development. Also, access roads can be adjusted into the 40 acre well tracts. Many of these proposed wells will be accessed from existing roads.

4.0 ENVIRONMENTAL SETTING

The inventory areas in the Jonah Unit are bisected by Castle Peak Draw along the Pariette Bench. The terrain consists of dissected tableland with the Pariette Bench located just to the south. The inventory areas in the Wells Draw Expansion Unit are situated just to the north of Castle Peak Draw in an area dissected by two large intermittent drainages and a high bench feature.

4.1 Geology

The area is characterized by low rolling tablelands dissected by deep draws and low eroding bedrock outcrops of sandstone and limestone. Soils in the area are fine light tan to medium brown silty sands. The surface sediments consist of an inter-fingering of fluvial deposits and thinly bedded Pleistocene lake bed deposits. Sediments contain a moderate amount of Pleistocene gravels and some small areas of Eocene Green River Formation are visible in eroded areas.

4.2 Flora/Fauna

The project area is within the Upper Sonoran Life Zone. Vegetation within the project area includes four-wing saltbrush, winterfat, narrow leafed yucca, greasewood, and a variety of forbs and low grasses. Fauna noted in the project area includes antelope, jackrabbit, cottontail rabbit, and ground squirrel.

5.0 PREVIOUS RESEARCH

The Class I file search was conducted at the Utah State Division of History - Antiquities Section by Richard Crosland on April 10, 2000 and by Jeffrey Rust at the Bureau of Land Management - Vernal Field Office on April 13, 2000. The file search noted that numerous projects have been completed within the immediate vicinity of the current project area. The majority of these inventories have been associated with the gas and oil industry and include well pads, access roads, and pipeline projects. A listing of these cultural resource inventories conducted within or immediately adjacent to the proposed project blocks is incorporated below in Table 2.

Table 2. Previous Cultural Inventories Near the Current Project Areas

Report No.	Project	Consultant	Results
80-NH-0410	Archaeological investigations of proposed transmission line corridors for Moon Lake Project.	Nickens and Associates	Five sites
81-PA-0813	Gulf Energy Monument Butte Federal 1-23	Powers Elevation	No sites
82-GC-0692	Inventory of Lomax well 5-35	Grand River Consultants	No sites
82-PA-0683	Gulf Energy 1-13 Monument Butte Federal	Powers Elevation	One site
82-PA-0684	Gulf Energy 1-14 Monument Butte Federal	Powers Elevation	No sites
82-PA-0685	Gulf Energy 1-24 Monument Butte Federal	Powers Elevation	no sites
82-UT-0373	Inventory of a 40 acre well pad in Sec. 3 T.9S R.16E	Unknown	Unknown
83-GC-0618	Inventory of Lomax Monument Federal Well 13-35	Grand River Consultants	No sites
83-GC-0619	Inventory of a 10 acre well pad	Grand River Consultants	Unknown
83-GC-0627	Inventory of a 10 acre well pad	Grand River Consultants	No sites
83-GC-0636	Lomax West Monument wells 1-34, 9-34, 10-35, 14-35	Brand River Consultants	No sites
83-PA-0615	Inventory of Gulf Energy 34-13 Wells Draw Federal well	Powers Elevation	No site
83-PA-0616	Gulf Energy 34-24 Wells Draw Federal well	Powers Elevation	No sites
83-SJ-0600	Natural Gas Corp pipeline	Sagebrush Consultants	No sites
84-AF-0206	Inventory of Phillips Petroleum Pipeline corridor in the Antelope Canyon, Wells Draw, and Pariette Bench localities	AERC	No sites
84-AF-0976	Inventory of Diamond Shamrock Walton Federal 34-11 and 43-11 and Pariette Bench 32-6 wells	AERC	No sites

(Table 2. Continued)

Report No.	Project	Consultant	Results
84-GC-0062	Inventory for Lomax Explorations's Pleasant Valley Federal 12-27 and access road	Grand River Consultants	No sites
84-GC-0984	Inventory of Lomax Monument Federal 2-34 well	Grand River Consultants	No sites
87-BL-0211	Castle Peak Reservoir	BLM - Vernal	No sites
89-AF-0086	Unknown linear inventory	AERC	Unknown
89-SJ-0418	Inventory of Two P.G.&E. wells near Monument Butte	Sagebrush Consultants	No sites
90-SJ-0065	Inventory of five PG&E Wells near Monument Butte	Sagebrush Consultants	Two sites
92-AF-0498	Inventory of Seven Balcron Oil well locations	AERC	One site
92-AF-0634	Inventory of Balcron Oil 7 Proposed well locations in Castle Peak Draw	AERC	Two sites
93-AF-0413	Inventory of Balcron Oil Pipeline corridor in the Castle Peak Draw Locality	AERC	No sites
93-AF-0446	Balcron Oil Monument Butte well	AERC	No sites
93-AF-0530	Inventory of Balcron Oil three water Injection pipeline segments in the Monument Butte locality	AERC	No sites
93-AF-0595	Eight proposed well location for Balcron Oil in the Monument Butte locality	AERC	Two sites
93-NP-0632	Inventory of the proposed Utah Power & Light Myton oil field power lines in Castle Peak Draw	Asa Nielson	Two sites, One paleo site
93-SJ-0720	Cultural Resource Inventory in the Wells Draw Unit	Sagebrush Consultants	Eight sites
94-AF-0332	Inventory of Balcron Oil Water Injection Line Lateral Segments near Monument Butte	AERC	One sites
94-AF-0710	Balcron Oil Wells and Access Routes in the Pariette Draw-Castle Peak Draw Localities	AERC	No sites
95-AF-0560	Inventory of the Balcron Oil water return pipelines in the Castle Peak Draw locality	AERC	No sites
95-SJ-0039	Inventory of two Lomax wells and access roads south of Wells Draw	Sagebrush Consultants	No sites
95-SJ-0040	Cultural and Paleontological Inventory of Four Lomax Wells near Monument Butte	Sagebrush Consultants	No sites
95-SJ-0490	Inventory of Monument Butte State 2-36 and 9-2 wells	Sagebrush Consultants	No sites
95-SJ-0638	Inventory of Inland Wells Monument Butte 10-2 and 15-2	Sagebrush Consultants	No sites

(Table 2. Continued)

Report No.	Project	Consultant	Results
96-AF-0445	Inventory of Equitable Resources pipeline corridor in the Pariette Bench/Wells Draw locality	AERC	Two sites
96-SJ-0012	Inland Resources Monument Butte Pipeline B	Sagebrush Consultants	No sites
97-SJ-0006	Inventory of a 40 acre well pad	Sagebrush Consultants	Unknown
98-AF-0164	Inventory of Inland's south wells draw unit in the castle peak draw locality	AERC	12 sites
BLM# 013-45	Inventory of a ten acre well pad in Section 3 T.9S R.16E	Unknown	No sites
BLM# 013-101	Inventory of Lomax Exploration Gas Pipeline between State 3-2 and Federal 4-35.	Grand River Consultants	One site

One previous project (95-SJ-0040) consisted of a ten acre well pad inventoried within the current proposed project area of the South Wells Draw Unit 15-34 (See Figure 2). This previous project completed by Sagebrush Archaeological Consultants in 1995 was a Class III inventory and did not encounter any cultural resource sites. This ten acre area was not re-inventoried by JBR during the current project.

General Land Office (GLO) maps for the area were reviewed in an effort to identify any historic features in the area that may still be visible on the ground. The 1911 GLO map for T9S R16E indicates that the *Road from Smith's Well to Pariette* was located within Section 11 within the project area. The road noted on the GLO map appears to be the same route shown as an unimproved trail on the *Myton SE, UT 7.5 min. Quad*. This road has been recently improved and currently exists as a graded crowned and ditched road. The 1911 GLO map for T.8S R16E indicates that the *Road from Price to Pariette* was located just south of Section 34 and outside of the project area. This road appears to be the same route shown as an unimproved trail on the *Myton SE, UT 7.5 min Quad*. No other historic features were noted on the GLO maps.

The Class I file search also revealed that no previously recorded sites were present in the proposed project area. The file search also indicated that no previously recorded sites were located within ¼ mile of the project area and that the majority of the projects located near the current inventory areas resulted in the documentation of few, if any, cultural resource sites.

6.0 ARCHAEOLOGICAL METHODS

A Class III inventory was completed for the project by three JBR cultural resource personnel, walking parallel transects at fifteen meter intervals. One small area of the project contained some mixed aeolian deposits and appeared to have higher site potential because of proximity to water sources or geologic features. When these areas were encountered during the inventory, they were investigated with more scrutiny. Isolated finds encountered during the inventory were recorded on a BLM Isolate Form and were plotted on a USGS topographic map.

A ten acre well pad location in the center of the South Wells Draw Unit 15-35 was previously inventoried by Sagebrush Archaeological Consultants in 1995 (Project # U-95-SJ-0040). Because this ten acre parcel was previously surveyed according to Class III inventory standards, it was not re-inventoried by JBR during the current project.

6.1 Archaeological Expectations

Previous projects indicate that the potential for prehistoric sites in the area was expected to be relatively low but would vary with the terrain. Terraces and edges of large drainages were expected to have higher prehistoric site potential. Other areas of undulating open spaces were expected to have a relatively low site potential.

The potential for historic properties was expected to be the greatest near the Wells Draw Expansion and relatively low in the remaining project areas. Gas and oil exploration activities have occurred in the area for the past three decades but rarely date prior to 1950. Historic roads noted on GLO maps from 1911 indicate there may be a potential for historic debris scatters along these roads.

7.0 INVENTORY RESULTS

No cultural resource sites were located during the Class III inventory. The only cultural materials encountered consist of three isolated finds. The three isolated finds are noted in Table 4. Forms for each of the Isolated Finds are included in Appendix A.

The location of the *Road from Smith's Well to Pariette* shown on 1911 GLO maps appears to be the general route of a modern improved crowned and ditched road. The modern road probably follows this historic trail and has completely covered or destroyed the original route. The historic road, if indeed this is the location, no longer maintains any aspects of integrity and was not recorded during this inventory.

Table 3. Summary of Isolated Finds.

Isolate#	Artifact Description	Township Range and ¼ Sections
IF-1	Two hole-in-cap tin cans measuring 4" dia x 4 ¾" hgt with a 2 ¼" cap and one evaporated milk tin can with "punch here embossed" (Simonis type 17).	SW¼ SE¼ NE¼ NW¼ Sec. 11 T9 S R16 E
IF-2	One evaporated milk can embossed with "Punch Here" (Simonis Type 17) and three miscellaneous crushed tin cans	NE¼ NW¼ SW¼ SE¼ Sec. 34 T8 S R16 E
IF-3	A lithic scraper and a possible chopper/scraper	NE¼ NW¼ SW¼ SE¼ Sec. 34 T8 S R16 E

8.0 SUMMARY AND RECOMMENDATIONS

The Class III inventory did not encounter any cultural resource sites. The only cultural materials encountered consist of three isolated finds.

The nature and age of prehistoric cultural resources in the area indicates that there is always the possibility of encountering previously unidentified cultural resources during any ground disturbing activities. In order to protect any unidentified or unrecorded cultural properties which may exist, the following restrictions should apply during construction of the well pad:

1. Personnel and equipment associated with the project should be restricted to the area cleared for the project.
2. Personnel associated with the project should refrain from collecting or otherwise disturbing cultural materials that may be encountered during development.

3. If unrecorded cultural materials are encountered during the project, activities in the affected area(s) should cease, and the appropriate State office (SHPO), BLM Field Office should be notified before development in the area is resumed.
4. Human burials or other physical remains encountered during the project, require immediate cessation of activity in the affected area, as well as immediate notification of proper authorities. Native American burials or other remains must be reported to the BLM, Utah SHPO and appropriate Native American groups.

INLAND RESOURCES INC.
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

PALEONTOLOGICAL REPORT

Jonah Federal #2-11-9-16
NW NE Sec. 11-T9S-R16E
Duchesne County, Utah

RECEIVED

MAY 22 2000

DIVISION OF
OIL, GAS AND MINING

INLAND RESOURCES, INC.

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
SOUTHEASTERN DUCHESNE COUNTY, UTAH**

(Sections 5, 6, 11, and 12, Township 9 South, Range 16 East)

REPORT OF SURVEY

Prepared for
Inland Resources, Inc.

By Wade E. Miller
Consulting Paleontologist
March 27, 2000

WM #00-03

Introduction

On Thursday, March 16, 2000, Wade Miller received a fax from Jon Holst of Inland Resources in Denver, Colorado, requesting that a paleontological field survey be performed on various proposed well units in southeastern Duchesne County. The requested areas to be surveyed involved seven quarter, quarter sections as follows: Jonah Unit 4-12; NW 1/4, NW 1/4, Sec. 12, T 9 S, R 16 E, Jonah Unit 1-11; NE 1/4, NE 1/4, Sec. 11, T 9 S, R 16 E, Jonah Unit 2-11; NW 1/4, NE 1/4, Sec. 11, T 9 S, R 16 E, Jonah Unit 3-11; NE 1/4, NW 1/4, Sec. 11, T 9 S, R 16 E - Wells Draw Unit 5-5; SW 1/4, NW 1/4, Sec. 5, T 9 S, R 16 E, ^{West} Wells Point Unit 12-5; NW 1/4, SW 1/4, Sec. 5, T 9 S, R 16 E, ^{West} Wells Point Unit 12-6; NW 1/4, SW 1/4, Sec. 6, T 9 S, R 16 E. These units are located on both the Myton SE and Myton SW 7.5' USGS quadrangles. Several previous paleontological surveys have been made by Wade Miller at proposed well locations in the general area, some being close to those surveyed for the present report.

It is critical that these and other areas be surveyed paleontologically, as important fossils may be encountered during excavating activities. Some have already been found and noted in previous survey reports. The extensive well fields south of Myton, Utah, being developed by Inland Resources, Inc., are on beds of the Uinta Formation, one of the most paleontologically significant formations in Utah. The fossil fauna recovered from this formation is truly impressive. It includes various plants, fish, amphibians, reptiles and mostly mammals. Their study has not only provided data about the various taxa, but has contributed to a knowledge of climatic conditions that existed at the time, about 40 - 42 million years ago. While many types of fossil vertebrates have already been discovered, there is the possibility that better specimens will be found which can provide significant new information. Also, it is likely that new species will be discovered in time.

Paleontological Field Survey

The present paleontological field survey was done on Saturday, March 25, 2000. Each of the quarter/quarter sections listed above was surveyed on foot. While the bulk of the area surveyed was on the Eocene age Uinta Formation, Wells Draw, which bisects some of surveyed units, contains substantial amounts of Quaternary alluvium. While some of these deposits are undoubtedly of Holocene (Recent) age, some appeared to be Pleistocene. And Pleistocene sediments have produced important vertebrate fossils, such as mammoths, mastodons, giant ground sloths and other extinct animals from various parts of Utah. For this reason the deposits in Wells Draw were carefully inspected where they existed in the area of the present survey.

Some, but not all, of the quarter/quarter sections surveyed were marked by stakes, making their exact locations easier to survey. Staked areas included the SW 1/4, NW 1/4, and NW 1/4, SW 1/4, Sec. 5, T 9 S, R 16 E, of the Wells Draw and Wells^{sr} Point units. The ground surface here and in the NW 1/4, SW 1/4, Sec. 6. T 9 S, R 16 E, was largely covered in weathered rock fragments from the Uinta Formation and desert soil. However, numerous rock outcrops were noted on the slopes of Wells Draw. These consisted of interbedded sandstones and shales, mostly the former. The sandstone beds range from thick to thin with some cross-bedding, from coarse to fine in particle size, and brown to tan to brownish-green in color. The shales were reddish-brown in some areas, green in others. All these units were carefully inspected for fossils, as were the Quaternary sediments at the bottom of Wells Draw.

The four quarter, quarter sections listed above in the Jonah Unit, since they are contiguous, were walked out and paleontologically surveyed as one unit. There are only limited exposures of bedrock in all four of these quarter, quarter sections. Most of the area is covered with weathered rock fragments and desert soil, which is not conducive for finding fossils. Two arroyos running through the area provided the only significant outcrops of Uinta Formation. These are mostly sandstone layers with some exposed intercalated shales. Again, the nature of the sandstones was similar to those given above. It was noted here, however, that ripple marks occur in some of the

finer grained sandstones. Cross-bedding occurs in coarser sandstone units. Both the ripple marks and cross-bedding are indicative of current action, and serve to demonstrate that many of the units were deposited in stream channels.

Results of Survey

In the Wells Draw and Wells Point quarter, quarter sections, plant fossils consisting mostly of twig and leaf fragments are locally abundant. These are mainly confined to an upper brown sandstone bed of medium sized sand grains. The only difference in these plant fossils in the three quarter, quarter sections is that those in the NW 1/4, SW 1/4, Sec. 6, T 9 S, R 16 E, contained some small to moderate sized branches. Mostly, though, these are of impressions, with few compressions.

In the four quarter, quarter, sections of the Jonah Units, only a few possible fossil plant fragments were observed. However, in Jonah Unit 3-11; NE 1/4, NW 1/4, Sec. 11, T 9S, R 16 E, at the bottom of the arroyo, a few burrowing structures were noted in the finer grained sandstones.

Recommended Mitigation

While plant fossils were observed at a few localities, as noted above, their poorly preserved nature and condition makes them scientifically relatively unimportant. The uncommon burrowing structures found are also not considered to be of scientific importance. There was a total absence of any vertebrate fossils seen in any of the seven quarter, quarter sections surveyed paleontologically. Therefore, the only mitigation recommended is to inform those excavating these areas that it is still possible that important fossils could be uncovered, and that they should immediately contact a paleontologist if bones are uncovered.

Wade E. Miller
3/28/00

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/22/2000

API NO. ASSIGNED: 43-013-32158

WELL NAME: JONAH FED 2-11
 OPERATOR: INLAND PRODUCTION (N5160)
 CONTACT: JON HOLST

PHONE NUMBER: 303-893-0102

PROPOSED LOCATION:

NWNE 11 090S 160E
 SURFACE: 0492 FNL 2075 FEL
 BOTTOM: 0492 FNL 2075 FEL
 DUCHESNE
 MONUMENT BUTTE (105)

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

LEASE TYPE: 1-Federal
 LEASE NUMBER: UTU-096550
 SURFACE OWNER: 1-Federal

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

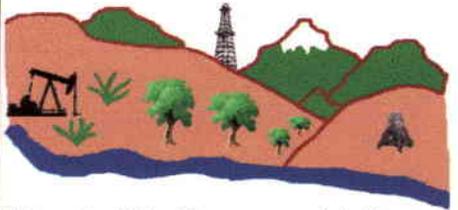
Plat
 Bond: Fed Ind[] Sta[] Fee[]
 (No. 4488944)
 Potash (Y/N)
 Oil Shale (Y/N) *190 - 5 (B)
 Water Permit
 (No. MUNICIPAL)
 RDCC Review (Y/N)
 (Date: _____)
 Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3. Unit Jonah
 R649-3-2. General
 Siting: _____
 R649-3-3. Exception
 Drilling Unit
 Board Cause No: _____
 Eff Date: _____
 Siting: _____
 R649-3-11. Directional Drill

COMMENTS: Mon. Bull. Field (S.O.P.), separate file.

STIPULATIONS: ① FEDERAL APPROVAL



Utah Oil Gas and Mining

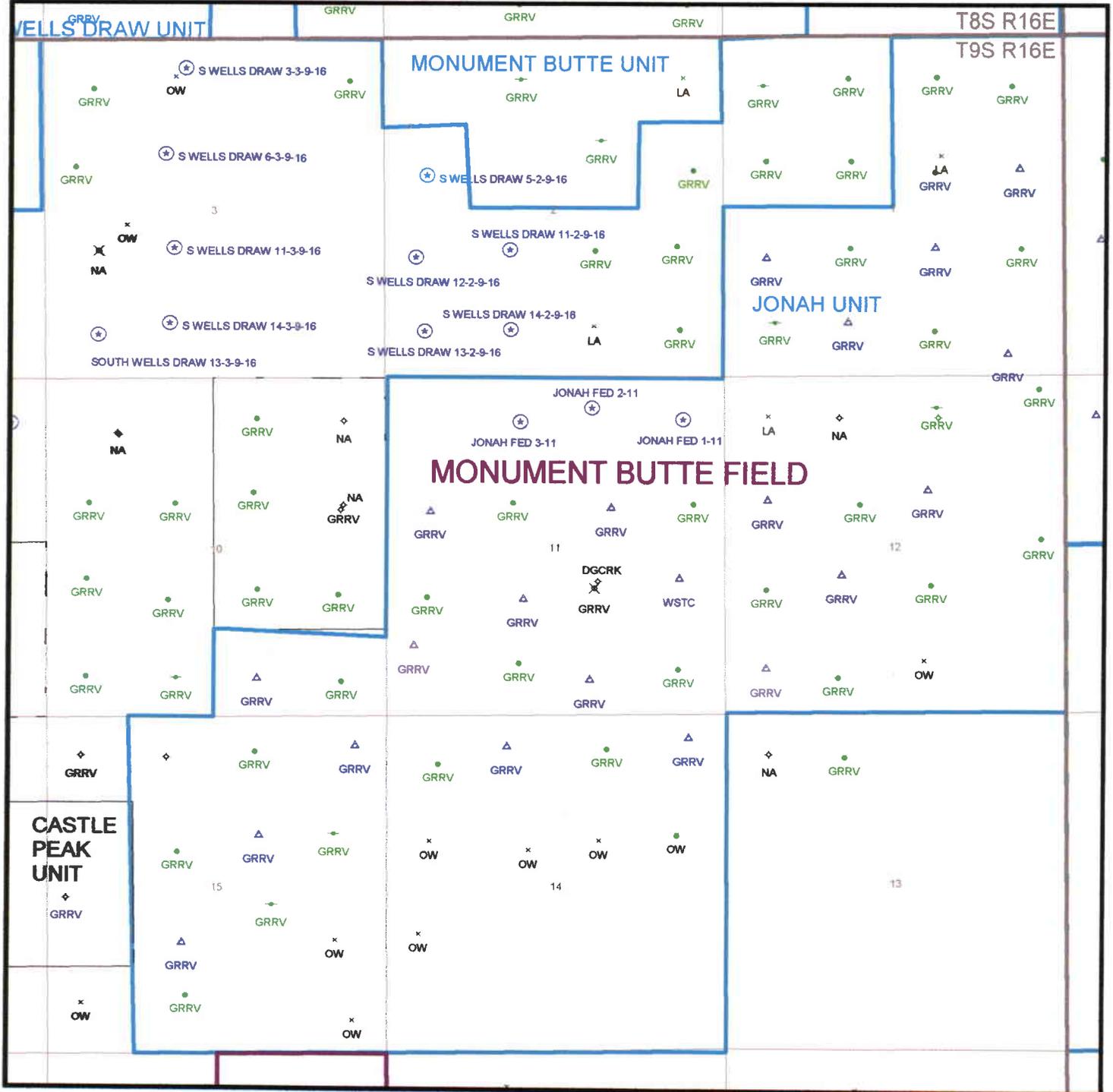
Serving the Industry, Protecting the Environment

OPERATOR: INLAND PRODUCTION CO. (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. 11, T 9 S, R 16 E,

COUNTY: UINTAH STATE SPACING



PREPARED
DATE: 2-JUN-2000

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

June 6, 2000

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2000 Plan of Development Jonah Unit Duchesne
County, Utah.

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

API #	WELL NAME	LOCATION
43-013-32157	Jonah Fed 1-11	0660 FNL 0660 FEL Sec. 11, T9S, R16E
43-013-32158	Jonah Fed 2-11	0492 FNL 2075 FEL Sec. 11, T9S, R16E
43-013-32159	Jonah Fed 3-11	0706 FNL 2094 FWL Sec. 11, T9S, R16E

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:6-6-0



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

June 6, 2000

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

Re: Jonah Federal 2-11 Well, 492' FNL, 2075" FEL, NW NE, Sec. 11, T. 9 South, R. 16 East,
Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32158.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza
Associate Director

er

Enclosures

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

Operator: Inland Production Company
Well Name & Number Jonah Federal 2-11
API Number: 43-013-32158
Lease: UTU-096550
Location: NW NE Sec. 11 T. 9 South R. 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338
- Contact Robert Krueger at (801) 538-5274.

3. Reporting Requirements

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

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

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL DEEPEN

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

5. LEASE DESIGNATION AND SERIAL NO.
UTU-096550

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Jonah Unit

8. FARM OR LEASE NAME
Jonah Federal

9. WELL NO.
#2-11

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
**NWNE
Sec. 11, T9S, R16E**

12. County **Duchesne** 13. STATE **Utah**

2. NAME OF OPERATOR
Inland Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At Surface **NWNE, 491.6' FNL and 2075.1' FEL**
At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 16.2 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
Approximately 492'

16. NO. OF ACRES IN LEASE
840

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
Approximately 1111'

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5545.7' GR

22. APPROX. DATE WORK WILL START*
Third quarter, 2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

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

The Conditions of Approval are also attached.

RECEIVED
MAY 22 2000

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

24. SIGNED *Jon Holst* TITLE Counsel DATE 5/08/00

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY *Edward R. Leavengood* TITLE Assistant Field Manager Mineral Resources DATE 7/31/00

NOTICE OF APPROVAL

*See Instructions On Reverse Side

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

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Jonah Federal 2-11

API Number: 43-013-32158

Lease Number: U -096550

Location: NWNE Sec. 09 T. 9S R. 16E

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at $\pm 1,852$ ft.

SURFACE USE PROGRAM

Plans For Reclamation Of Location:

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

black sage brush	Artemisia nova	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
galleta grass	Hilaria jamessi	3 lbs/acre
blue gramma grass	Bouteloua gracilis	3 lbs/acre

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

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



RESOURCES INC.

September 5, 2000

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

Attn: Mr. Edwin I. Forsman

Re: Geologic Prognosis

Dear Mr. Forsman:

Enclosed please find the prognosis for the following wells:

- Jonah Federal #1-11-9-16
- Jonah Federal #2-11-9-16
- Jonah Federal #3-11-9-16
- Jonah Unit #4-12-9-16
- Wells Draw #5-5-9-16
- West Point #12-5-9-16
- West Point #13-5-9-16
- ~~Nine Mile #12-6-9-16~~ *west point U 12-6-9-16*
- West Point #9-31-8-16
- Odekirk Spring #1-A-35-8-17
- Odekirk Spring #9-36-8-17
- Odekirk Spring #16-36-8-17

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

Sincerely,

Madalyn M. Runge
Operations Secretary

Enclosures

cc: State of Utah, Division of Oil, Gas and Mining
Attn: Mr. Robert Krueger
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Well File – Denver
Well File – Roosevelt

RECEIVED

SEP 07 2000

DIVISION OF
OIL, GAS AND MINING

INLAND PRODUCTION COMPANY GEOLOGIC PROGNOSIS AND LOG DISTRIBUTION LIST

WELL: Jonah Federal #2-11-9-16

API Number: 43-013-32159

LOCATION: 492' FNL, 2075' FEL (NWNE)
Section 11 T9S, R16E
Duchesne County, Utah

ELEVATION: 5546' Ground
5556' KB

TOPS:

Uinta Formation	surface
Green River Formation	
Garden Gulch Member	4040'
Point Three Marker	4290'
'X' Marker	4560'
'Y' Marker	4595'
Douglas Creek Member	4720'
Bicarbonate	4960'
B Limestone	5085'
Castle Peak Limestone	5565'
Basal Limestones	

ANTICIPATED PAY SANDS:

GB-4	4210'
GB-6	4270'
D-1	4790'
C	4920'
B-2	5050'
A-1	5185'
LODC	5390'

TOTAL DEPTH: 5600'

CORES: None planned

DSTS: None planned

SAMPLES: 30' samples from 3000' to TD

DRILLING:

Union Rig #14 (435) 828-6434

Pusher: (435)828-6433 Rex Harris

Superintendent: David Gay (435) 828-8031 (cellular)

REPORT WATER FLOWS TO UTAH DIVISION OF OIL, GAS AND MINING: (801) 538 5327

OPEN HOLE LOGGING:

Phoenix Surveys: David (970) 263 4063

DIGL/SP/GR Suite: TD to surface casing

DSN/SDL/GR/CAL Suite logs: TD to 3000'

Gamma Ray scale 0-150

Matrix density 2.68

LAS data floppy required.

DATA DISTRIBUTION:

Inland Production Company (Mail 6 copies)
Rt #3 Box 3630
Myton, UT 84052
Attn: Brad Mecham

Inland Production Company (Mail 6 copies,
EXPRESS)
410 17th St., Suite 700
Denver, CO 80202
Attn: Madalyn M. Runge

Bureau of Land Management (Mail 1 copy)
170 S. 500 East
Vernal, UT 84078
Attn: Ed Forsman

State of Utah
Division of Oil, Gas, & Mining (Mail 1 copy)
1594 W North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

COMPANY CONTACTS:

Pat Wisener (District Drilling Foreman)
(435) 646 3721 office
(435) 646 3031 office fax
(435) 823 7468 cellular
(435) 646 1270 pager

Brad Mecham (District Manager)
(435) 646 3721 office
(435) 646 3031 office fax
(435) 823 6205 cellular
(435) 353 4211 home

Kevin Weller (Operations Manager)
(303) 382-4436 office
(303) 279-7945 home
(303) 358-3080 cellular

PARTNERS:

Coastal Oil & Gas Corp (Mail 1 copy)
Joint Interest Billing
P.O. Box 154
Houston, TX 77001

Key Production Company, Inc (Mail 1 copy)
707 17th Street, Suite 3300
Denver, CO 80202-3404

King Oil & Gas of Texas, Ltd. (Mail 1 Copies)
C/O Robert D. Fry, CPA
402 North Avenue E
Houston, TX 77338

Montana & Wyoming Oil Co. (Mail 1 Copy)
Attn: Robert Balsam
PO Box 1324
Billings, MT 59103
(406) 259 1837 office

John & Bonnie B. Warne (Mail 1 Copy)
626 Cave Rd.
Billings, MT 59101

Bonaventure Resources Inc. (Mail 1 Copy)
215 Lakeside Blvd.
Lakeside, MT 59922

Carol J. Bibler (Mail 1 Copy)
2477 I Road
Grand Junction, CO 81505

Leslie J. Breaux (Mail 1 Copy)
3505 SE Martins
Portland, OR 97202

Vaughey & Vaughey (Mail 1 Copy)
125 S. Congress St., Suite 1840
Jackson, MS 39201
(601) 354 4612

Thomas J. Lambert (Mail 1 Copy)
PO Box 1417
Billings, MT 59103

Carl B. Field (Mail 1 Copy)
PO Box 580
Choteau, MT 59422

Larry R. Simpson (Mail 1 Copy)
PO Box 1195
Kalispell, MT 59903

PARTNERS:

R. Lee Tucker (Mail 1 Copy)
12741 E. Caley, Ste 142
Englewood, Colorado 80111

Edwards & Davis Energy Inc.
R. Lee Tucker (Mail 1 Copy)
P.O. Box 34
Chappell Hill, TX 77426

Devon Energy Co. LP (Mail 1 Copy)
20 N. Broadway, Suite 1500
Oklahoma City, OK 73102-8260

Petro Tech Service Co. (Mail 1 Copy)
3000 N. Garfield, Suite 210
Midland, TX 79701

West Texas Specialty
Consulting Services Inc. (Mail 1 Copy)
PO Box 80362
Midland, TX 79708

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: JONAH FED 2-11

Api No. 43-013-32158 LEASE TYPE: FEDERAL

Section 11 Township 09S Range 16E County DUCHESNE

Drilling Contractor LEON ROSS RATHOLE RIG # 14

SPUDDED:

Date 09/13/2000

Time 11:15 AM

How DRY

Drilling will commence _____

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 09/14/2000 Signed: CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-096550

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Jonah Fed. 2-11-9-16

9. API Well No.

43-013-32158

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

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

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

**491.6' FNL & 2075.1' FEL NW/NE
Sec.11, T9S, R16E**

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>Surface Spud</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

MIRU Leon Ross RIG # 14. Drill mouse hole & rat hole. Spud well @ 11:45am on 9/13/00. Drill 12 1/4" hole with air mist to a depth of 307". TIH w/ 85/8" J-55 csg. Landed @ 292.85' KB. On 9/16/00 Cement with *155 sks class "G" w/ 2% CaCL2 & 1/4#/sk Cello-flake mixed @ 15.8ppg.>1.17 YLD. Estimated 8 bbls cement to surface. Wait on drilling rig.

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

Signed

[Signature]

Title

Drilling Foreman

Date

09/18/2000

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 292.85

LAST CASING 8 5/8" SET AT 292.85
 DATUM 10' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 307 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Jonah 2-11-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Union # 14

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					3.7
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	281
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			286.55
TOTAL LENGTH OF STRING		286.55	7	LESS CUT OFF PIECE			3.7
LESS NON CSG. ITEMS		5.55		PLUS DATUM TO T/CUT OFF CSG			10
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			292.85
TOTAL		281		} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		281	7				
TIMING		1ST STAGE		GOOD CIRC THRU JOB <u>yes</u>			
BEGIN RUN CSG.		5:00am		Bbls CMT CIRC TO SURFACE <u>8 bbls</u>			
CSG. IN HOLE		6:00am		RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN CIRC		8:22am		DID BACK PRES. VALVE HOLD ? <u>N/A</u>			
BEGIN PUMP CMT		8:46am		BUMPED PLUG TO <u>132</u> PSI			
BEGIN DSPL. CMT		9:00am					
PLUG DOWN		9:10am					
CEMENT USED		CEMENT COMPANY- BJ					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	155	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

P. 02
 FAX NO. 435 646 3031
 INLAND PRODUCTION CO
 SEP-25-00 MON 03:13 PM

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

OPERATOR: INLAND PRODUCTION COMPANY
 ADDRESS: RT. 3 BOX 3830
MYTON, UT 84052

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B X	99999	12391	43-013-32134	Tar Sands Federal #11-28	NE/SW	28	8S	17E	Duchesne	August 27, 2000	8/27/2000

WELL 1 COMMENTS

9-26-00

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	12890	43-013-31670	South Wells Draw #15-34	SW/SE	34	8S	16E	Duchesne	September 5, 2000	09/05/2000

WELL 2 COMMENTS

9-26-00

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B X	99999	11492	43-013-32158	Jonah #2-11	NW/NE	11	9S	16E	Duchesne	September 13, 2000	09/13/2000

WELL 3 COMMENTS

9-26-00

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B X	99999	11492	43-013-32159	Jonah #3-11	NE/NW	11	9S	16E	Duchesne	September 14, 2000	09/14/2000

WELL 4 COMMENTS

9-26-00

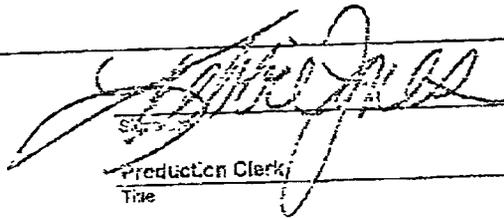
ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B X	99999	11492	43-013-32157	Jonah #1-11	NE/NE	11	9S	16E	Duchesne	September 18, 2000	09/18/2000

WELL 5 COMMENTS

9-26-00

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (change ownership)
 - B - Amend existing entity (change ownership)
 - C - Amend existing entity (change acreage)
 - D - Amend existing entity (change acreage)
 - E - Amend existing entity (change acreage)

NOTE: Use GOVERNMENT records to check for each ACTION CODE (see back of form)


 Keith S. Jones
 Production Clerk
 September 26, 2000
 Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-096550

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Jonah Fed. 2-11-9-16

9. API Well No.
43-013-32158

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
**491.6' FNL & 2075.1' FEL NW/NE
Sec. 11, T9S, R16E**

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

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

MIRU Leon Ross RIG # 14. Drill mouse hole & rat hole. Spud well @ 11:45am on 9/13/00. Drill 12 1/4" hole with air mist to a depth of 307". TIH w/ 85/8" J-55 csg. Landed @ 292.85' KB. On 9/16/00 Cement with *155 sks class "G" w/ 2% CaCL2 & 1/4#/sk Cello-flake mixed @ 15.8ppg.>1.17 YLD. Estimated 8 bbls cement to surface. Wait on drilling rig.

MIRU Union Rig #14 on 9/20/00. Nipple up BOP's. Test BOP's, Kelly, Choke Manifold, TIW, to 2,000 psi. Test 85/8" CSGN. to 1,500 psi. Test was witnessed by Ray Arnold, Vernal District BLM. State was notified by phone. Drill 77/8" hole with air mist to a depth of 3815'. TOH with drill string & BHA. PU & MU bit#2, MM, & BHA. Drill 7 7/8" hole with water based mud to a depth of 4615'

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

Signed

[Signature]

Title

Drilling Foreman

Date

09/25/2000

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any

CC: UTAH DOGM

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 292.85

LAST CASING 8 5/8" SET AT 292.85
 DATUM 10' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 307 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Jonah 2-11-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Union # 14

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					3.7
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	281
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			286.55
TOTAL LENGTH OF STRING		286.55	7	LESS CUT OFF PIECE			3.7
LESS NON CSG. ITEMS		5.55		PLUS DATUM TO T/CUT OFF CSG			10
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			292.85
TOTAL		281		} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		281	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		5:00am		GOOD CIRC THRU JOB <u>yes</u>			
CSG. IN HOLE		6:00am		Bbls CMT CIRC TO SURFACE <u>8 bbls</u>			
BEGIN CIRC		8:22am		RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		8:46am		DID BACK PRES. VALVE HOLD ? <u>N/A</u>			
BEGIN DSPL. CMT		9:00am		BUMPED PLUG TO <u>132</u> PSI			
PLUG DOWN		9:10am					
CEMENT USED		CEMENT COMPANY- BJ					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	155	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Pat Wisener

DATE 09/16/2000

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.
UTU-096550

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Jonah Fed. 2-11-9-16

9. API Well No.
43-013-32158

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
**491.6' FNL & 2075.1' FEL NW/NE
Sec.11, T9S, R16E**

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 Weekly Status
	<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.)*

Con't to drill 77/8" hole with water based mud to a depth of 5621'. Lay down drill string & BHA. Open hole log. PU & MU 1jt 51/2" csgn. Float collar, 131 jt's 51/2" 15.5# J-55 csgn. Set @ 5595'/KB. Cement with the following; *275 sks Premlite II w/10% GEL. & 3% KCL mixed to 11.ppg >3.43 YLD. *400 sks 50/50 POZ w/3% GEL. & 3% KCL mixed to 14.4 ppg. >1.23YLD. Good returns. Bump plug to 2075psi. Nipple down BOP's. Drop slips with 72,000#. Release rig @ 4:30am on 9/26/00. WOC.

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

Signed *John Wisener* Title Drilling Foreman Date 10/02/2000

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5595.54

TPBD 5559

LAST CASING 8 5/8" SET AT 292.85

OPERATOR Inland Production Company

DATUM 10' KB

WELL Jonah 2-11-9-16

DATUM TO CUT OFF CASING _____

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Union # 14

TD DRILLER 5621' LOGGER 5617'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					14
131	5 1/2"	Maverick LT&C csg	15.5#	J-55	8rd	A	5549.33
		Float collar (auto fill)			8rd	A	0.95
1	5 1/2"	Maverick LT&C csg	15.5#	J-55	8rd	A	34.36
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5599.54
TOTAL LENGTH OF STRING		5599.54	132	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.85		PLUS DATUM TO T/CUT OFF CSG			10
PLUS FULL JTS. LEFT OUT		87.83	2	CASING SET DEPTH			5595.54
TOTAL		5671.52	134	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5671.52	134				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB			yes
BEGIN RUN CSG.		7:30pm		Bbls CMT CIRC TO SURFACE			38 bbls dye
CSG. IN HOLE		10:15pm		RECIPROCATED PIPE FOR 10MINS THRU 7' FT STROKE			
BEGIN CIRC		10:30pm	11:36pm	DID BACK PRES. VALVE HOLD ?			YES
BEGIN PUMP CMT		11:46pm	12:07am	BUMPED PLUG TO			2075 PSI
BEGIN DSPL. CMT			12:28am				
PLUG DOWN			12:45am				
CEMENT USED		CEMENT COMPANY- BJ					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	275	Prem Lite II w/ 10% GEL & 3% KCL mixed to 11.0 ppg > 3.43 YLD					
2	400	50/50 POZ w/ 2% GEL & 3% KCL mixed to 14.4 ppg > 1.23 YLD					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE

Pat Wisener

DATE 09/26/2000

(See other instructions on reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

5. LEASE DESIGNATION AND SERIAL NO.
UTU - 096550

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT AGREEMENT NAME
JONAH UNIT

1b. TYPE OF WELL
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

8. FARM OR LEASE NAME, WELL NO.
JONAH FEDERAL 2-11

2. NAME OF OPERATOR
INLAND RESOURCES INC.

9. API WELL NO.
43-013-32158

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

10. FIELD AND POOL OR WILDCAT
MONUMENT BUTTE

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements. *)
At Surface
492' FNL & 2075' FNL (NW NE) SECTION 11 - 9S - 16E
At top prod. Interval reported below

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC. 11 - T9S - R16E

14. PERMIT NO. **43-013-32158** DATE ISSUED **06/06/00**

12. COUNTY OR PARISH **DUCHESNE** 13. STATE **UT**

15. DATE SPUNDED **09/13/00** 16. DATE T.D. REACHED **09/26/00** 17. DATE COMPL. (Ready to prod.) **11/06/00**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **5546' GR** 19. ELEV. CASINGHEAD **5546**

20. TOTAL DEPTH, MD & TVD **5621'** 21. PLUG BACK T.D., MD & TVD **5552'** 22. IF MULTIPLE COMPL., HOW MANY* _____

23. INTERVALS ROTARY TOOLS _____ CABLE TOOLS _____

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

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
10-13-00 - DIGLSPICBL/GR/CL - 10-23-00

27. WAS WELL CORED
No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	292.85	12-1/4	Class "G" w/ 2% CaCL2	
5-1/2	15.5#	5596	7-7/8	400sks 50/50 Poz w/2% Gel	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @	TA @
						5430.36	5331.78

31. PERFORATION RECORD (Interval, size and number)			
INTERVAL	JSPF	NUMBER	
(D1 sds) 4736-4741'	4	20	
(B2 sds) 5027-5032'	4	20	
(LODC sds) 5360-5369'	4	36	

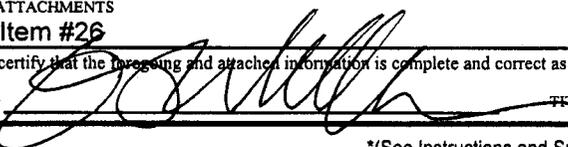
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4736-4741'	Frac D1 sds w/28,120# 20/40 in 288bbls fluid
5027-5032'	Frac B2 sds w/25,800# 20/40 in 227 bbls fluid
5360-5369'	Frac LODC sd w/45,000#20/40 in 346 bbls fluid

33.* PRODUCTION
DATE FIRST PRODUCTION **11-6-2000** PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) **2-1/2" x 1-1/2" x 16' RHAC Pump** WELL STATUS (Producing or shut-in) **PRODUCING**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day average				104	103.2	5.1	992

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

35. LIST OF ATTACHMENTS
Logs In Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED  TITLE **Senior Operations Engineer** DATE **12/8/00**

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

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

38. GEOLOGIC MARKERS	FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
				JONAH 2-11-9-16	Garden Gulch Mkr	3699	
					Garden Gulch 2	4021	
					Point 3 Mkr	4272	
					X Mkr	4536	
					Y-Mkr	4570	
					Douglas Creek Mkr	4694	
					BiCarbonate Mkr	4934	
					B Limestone Mkr	5058	
					Castle Peak	5552	
					Basal Carbonate	0	
					Total Depth (LOGGERS)	5617	

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.

UTU-096550

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

JONAH

8. Well Name and No.

JONAH FED 2-11

9. API Well No.

43-013-32158

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTA

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

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

492 FNL 2075 FEL NW/NE Section 11, T9S R16E

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

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.)*

Subject well had recompletion procedures initiated in the Green River formation on 10/29/02. Existing production equipment was pulled from well. A bit & scraper was ran in well. One new Green River interval were perforated and hydraulically fracture treated as follows: Stage #1: GB4 sds @ 4190'-4204' & GB6 sds @ 4234'-4236', 4238'-4242', 4246'-4248' and 4252'-4256' (All 4 JSPF) fraced down 5 1/2" 15.5# csg W/ 81,949# 20/40 mesh sand in 602 bbls Viking I-25 fluid. Frac was flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. Bridge plug was removed from wellbore. BHA & production tbg were ran and anchored in well W/ tbg anchor @ 5329', pump seating nipple @ 5365' and end of tubing string @ 5428'. A repaired rod pump was ran in well on sucker rods. Well returned to production via rod pump on 11/2/02.

RECEIVED

NOV 05 2002

**DIVISION OF
OIL, GAS AND MINING**

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

Signed

Gary Dietz
Gary Dietz

Title

Completion Foreman

Date

11/4/2002

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: Utah DOGM



United States Department of the Interior



BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>

IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

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

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: JONAH FED 2-11
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013321580000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0492 FNL 2075 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

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

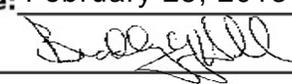
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/14/2013	<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 02/14/2013. On 02/13/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/14/2013 the casing was pressured up to 1150 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 a State representative available to witness the test.

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

Date: February 25, 2013

By: 

NAME (PLEASE PRINT)

Lucy Chavez-Naupoto

PHONE NUMBER

435 646-4874

TITLE

Water Services Technician

SIGNATURE

N/A

DATE

2/21/2013

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 2/14/13 Time 11:00 am pm
Test Conducted by: EVERETT UNRAU
Others Present: _____

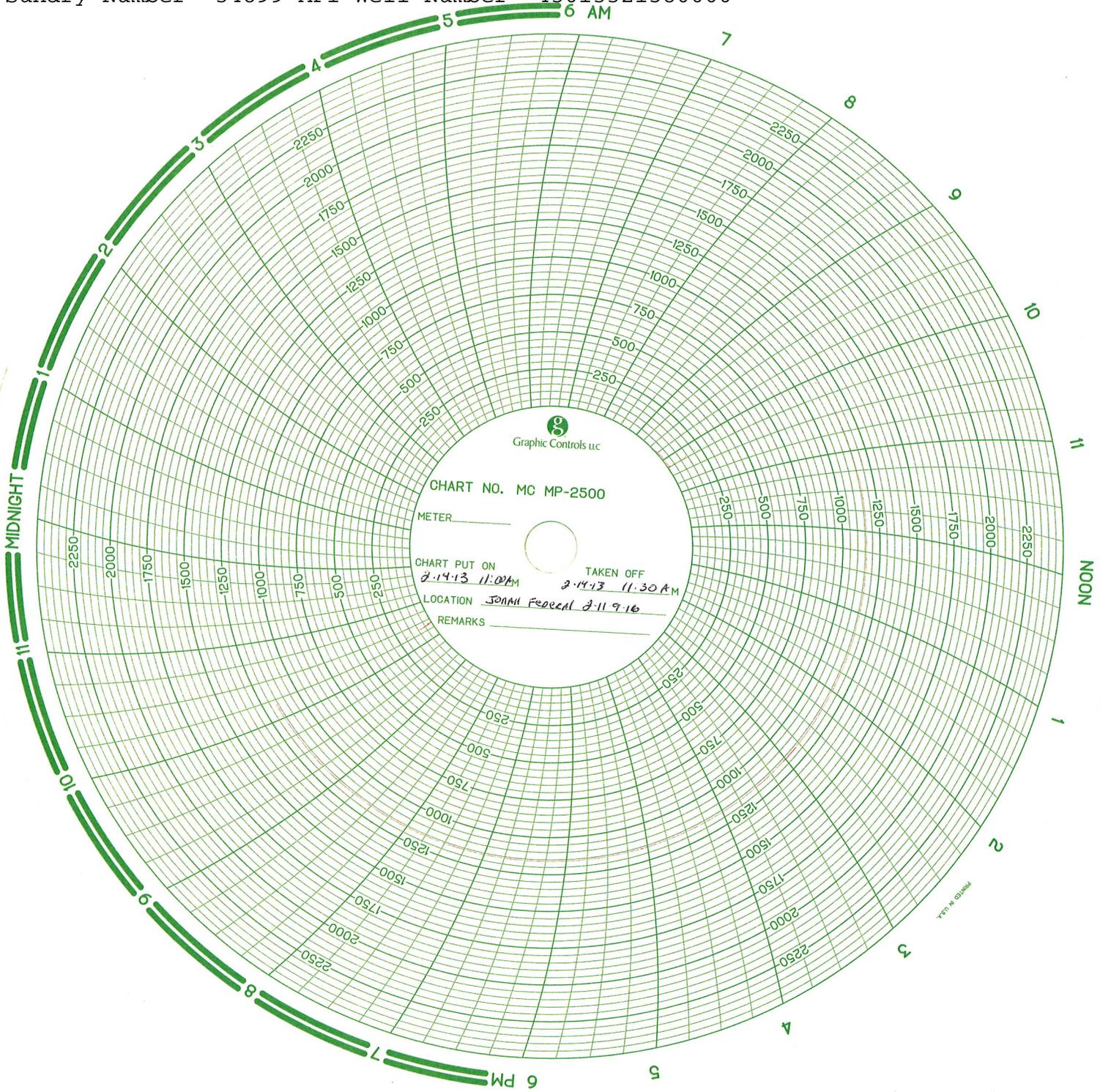
Well: JONAH FEDERAL 2-11-9-10 Field: MONUMENT BUTE
Well Location: NWNE SEC 11 T9S R10E API No: 43-013-39158
Duchesne COUNTY, UT

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1150</u>	psig
5	<u>1150</u>	psig
10	<u>1150</u>	psig
15	<u>1150</u>	psig
20	<u>1150</u>	psig
25	<u>1150</u>	psig
30 min	<u>1150</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____
Signature of Person Conducting Test: Everett Unrau



Graphic Controls Inc

CHART NO. MC MP-2500

METER _____

CHART PUT ON

2-14-13 11:00 AM

TAKEN OFF

2-14-13 11:30 AM

LOCATION

JONAH Federal 2-11-9-16

REMARKS _____

MADE IN U.S.A.

Daily Activity Report

Format For Sundry

JONAH 2-11-9-16

12/1/2012 To 4/28/2013

2/12/2013 Day: 1

Conversion

WWS #9 on 2/12/2013 - MIRUSU, PSI test, release tub anchor - Pump 60 bbls down csg, PW on rods unseat pump, flush tbg w/35 bbls reset pump. Fill tbg w/ 3bbls. Test to 3000psi, good, start LD rods, 96 out, flush tbg. Cont LD rods 85 slick flush w/25 bbls cont LD rods 3 more slick 30-3/4 4 pers 6 wtbars, 1 stabilizer, pump x-over to tbg end. ND wellhead PU on tbg release TAC NU BOP's RD floor break collars and talley out of hole w/tbg 60 jts flush tbg w/ 30 bbls @250F cont TOO H 20jts - Pump 60 bbls down csg, PW on rods unseat pump, flush tbg w/35 bbls reset pump. Fill tbg w/ 3bbls. Test to 3000psi, good, start LD rods, 96 out, flush tbg. Cont LD rods 85 slick flush w/25 bbls cont LD rods 3 more slick 30-3/4 4 pers 6 wtbars, 1 stabilizer, pump x-over to tbg end. ND wellhead PU on tbg release TAC NU BOP's RD floor break collars and talley out of hole w/tbg 60 jts flush tbg w/ 30 bbls @250F cont TOO H 20jts

Finalized

Daily Cost: \$0

Cumulative Cost: \$17,090

2/13/2013 Day: 2

Conversion

WWS #9 on 2/13/2013 - TOO H w/tbg breaking and redoping collars - Cont tooh w/tbg 53 jts, flush tbg w/ 25 bbls. LD 40 jts onto trailer. RIH w. 2 3/8 wireline re-entry guide, 2 3/8 XN nipple,, 1.87 profile, 4X2 2/3 sub, 2 3/8 x 2 3/8 XO arrow set 1 pkr on-off tool w, 15bbls press up to 3000psi. Lost pressure, nack up tp 3000psi, good test. Bleed off press, RU sandline, RIH to retireve SV POOH RD sandline RD floor and tbg. NU bops NU B-1 adapter pump packer fluid first thing in morning. - Cont tooh w/tbg 53 jts, flush tbg w/ 25 bbls. LD 40 jts onto trailer. RIH w. 2 3/8 wireline re-entry guide, 2 3/8 XN nipple,, 1.87 profile, 4X2 2/3 sub, 2 3/8 x 2 3/8 XO arrow set 1 pkr on-off tool w, 15bbls press up to 3000psi. Lost pressure, nack up tp 3000psi, good test. Bleed off press, RU sandline, RIH to retireve SV POOH RD sandline RD floor and tbg. NU bops NU B-1 adapter pump packer fluid first thing in morning. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$23,330

2/14/2013 Day: 3

Conversion

WWS #9 on 2/14/2013 - set packer, pressure test - pump 70 bbls pkr fluid, pu set pkr @ 4155 to CE EOT @4164. NU well head fill csg, 2 bbls pressure up to 1500 psi. Watch for 30 mins. Lost 60 , bump back up to 1500, watch 30 min. RDMO - pump 70 bbls pkr fluid, pu set pkr @ 4155 to CE EOT @4164. NU well head fill csg, 2 bbls pressure up to 1500 psi. Watch for 30 mins. Lost 60 , bump back up to 1500, watch 30 min. RDMO

Daily Cost: \$0

Cumulative Cost: \$26,640

2/19/2013 Day: 4

Conversion

Rigless on 2/19/2013 - Conduct initial MIT - On 02/13/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/14/2013 the casing was pressured up to 1150 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 a State representative available to witness the test. - On 02/13/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/14/2013 the casing was pressured up to 1150 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 a State representative available to witness the test.

Daily Cost: \$0

Cumulative Cost: \$58,474

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: JONAH FED 2-11
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013321580000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0492 FNL 2075 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 09.0S Range: 16.0E 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: 3/5/2013	<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 above reference well was put on injection at 8:30 AM on
03/05/2013.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 05, 2013**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/5/2013	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

UTU-096550

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL DEEPEN

7. UNIT AGREEMENT NAME

Jonah Unit

1b. TYPE OF WELL

OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

8. FARM OR LEASE NAME

Jonah Federal

2. NAME OF OPERATOR

Inland Production Company

9. WELL NO.

#2-11

3. ADDRESS OF OPERATOR

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

10. FIELD AND POOL OR WILDCAT

Monument Butte

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

At Surface NWNE, 491.6' FNL and 2075.1' FEL

4433634 N
578148 E

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

NWNE
Sec. 11, T9S, R16E

At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 16.2 miles south of Myton, Utah

12. County

Duchesne

13. STATE

Utah

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

Approximately 492'

16. NO. OF ACRES IN LEASE

840

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

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

Approximately 1111'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

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

5545.7' GR

22. APPROX. DATE WORK WILL START*

Third quarter, 2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

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

The Conditions of Approval are also attached.

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

24.

SIGNED Jon Holst TITLE Counsel DATE 5/08/00

(This space for Federal or State office use)

PERMIT NO. 43-013-32158 APPROVAL DATE _____

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL RECLAMATION SPECIALIST III DATE 6/6/00

**Federal Approval of this
Action is Necessary**

*See Instructions On Reverse Side

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

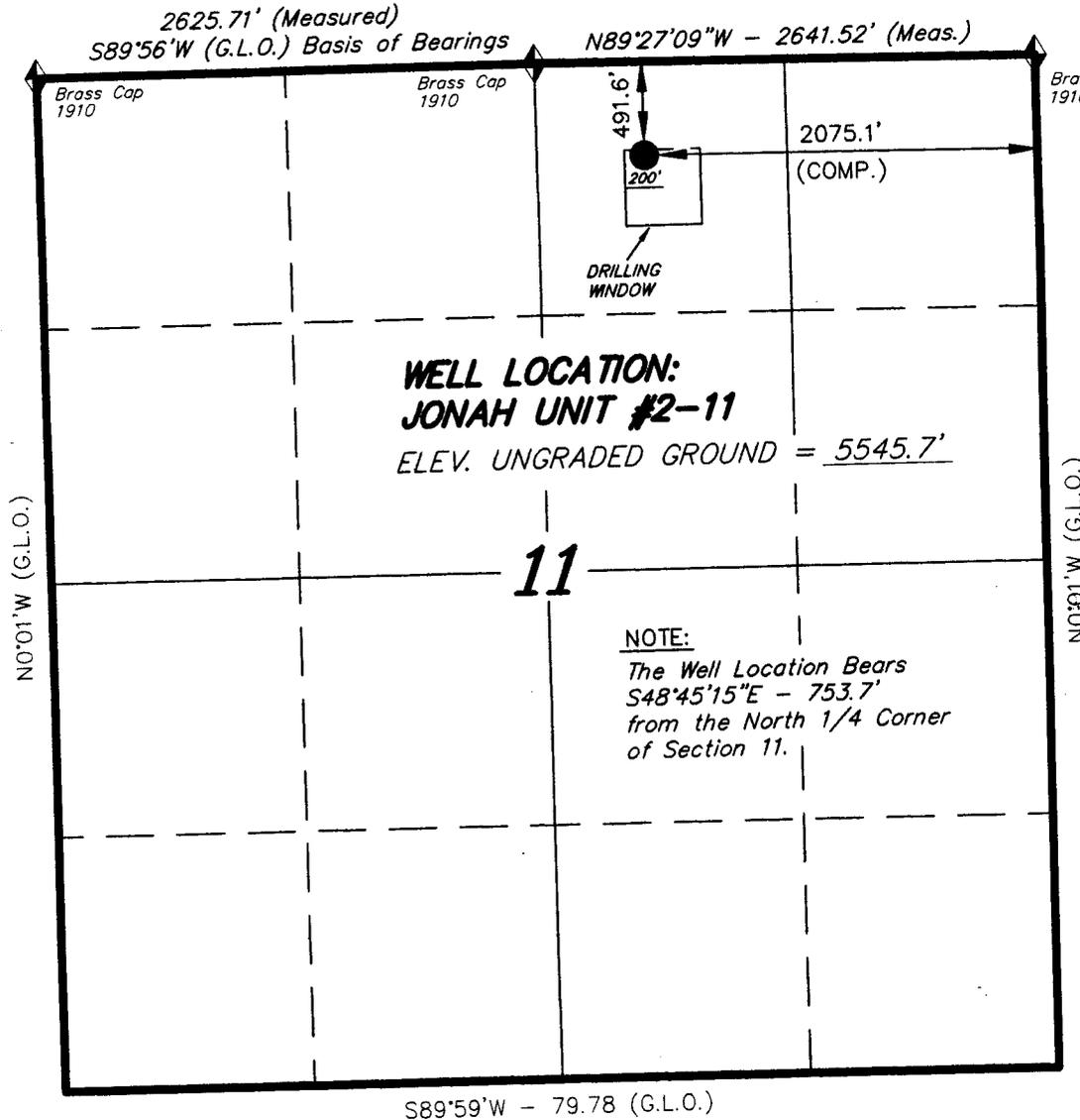
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MAY 22 2000
DIVISION OF
OIL, GAS AND MINING

T9S, R16E, S.L.B.&M.

S89°56'W - 79.80 (G.L.O.)

INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT #2-11,
LOCATED AS SHOWN IN THE NW 1/4 NE
1/4 OF SECTION 11, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



**WELL LOCATION:
JONAH UNIT #2-11**

ELEV. UNGRADED GROUND = 5545.7'

11

NOTE:

The Well Location Bears
S48°45'15"E - 753.7'
from the North 1/4 Corner
of Section 11.

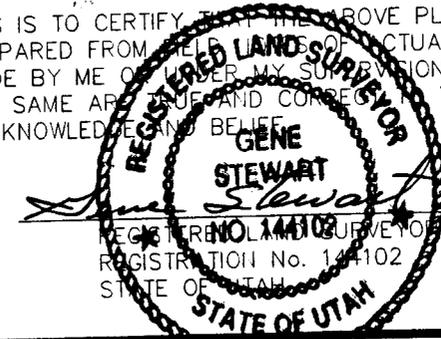


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THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD AND ACTUAL SURVEYS
MADE BY ME UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(435) 781-2501

◆ = SECTION CORNERS LOCATED

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

SCALE: 1" = 1000'

SURVEYED BY: C.D.S.

DATE: 4/18/00

WEATHER: FAIR

NOTES:

FILE #



May 17, 2000

United States Department of Interior
Bureau of Land Management - Vernal District Office
Attention: Margie Herrmann
170 South 500 East
Vernal, Utah 84078-2799

RE: Jonah 1-11-9-16
NENE Section 11, T9S, R16E
Jonah 2-11-9-16
NWNE Section 11, T9S, R16E
Jonah 3-11-9-16
NENW Section 11, T9S, R16E
Duchesne County, Utah

Dear Ms. Herrmann:

Enclosed please find the three Applications for Permits to Drill the Jonah Unit wells listed above, submitted in triplicate, for your review and approval. The Archeological Surveys and Paleontological Surveys for these wells are also enclosed.

If you have any questions or require any additional information, please contact me or Jon Holst at (303) 893-0102.

Sincerely,

Joyce McGough
Regulatory Technician

Enclosures: Form 3160-3 and attachments (3 copies)

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

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**DIVISION OF
OIL, GAS AND MINING**

INLAND PRODUCTION COMPANY
JONAH FEDERAL #2-11
NW NE SECTION 11, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta Formation of Upper Eocene Age

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

Uinta	0 – 1500'
Green River	1500'
Wasatch	6500'

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

Green River Formation 1500' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP. See Exhibit "F".

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

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP.

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

Please refer to the Monument Butte Field SOP.

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

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

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

Please refer to the Monument Butte Field SOP.

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INLAND PRODUCTION COMPANY
JONAH FEDERAL #2-11
NW NE SECTION 11, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **EXISTING ROADS**

See attached Topographic Map "A"

To reach Inland Production Company well location site (Jonah Federal #2-11) located in NW NE, Section 11, T9S, R16E, Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 approximately 1.5 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.7 miles to its junction with Highway 216; proceed southwesterly along Highway 216 for approximately 9.3 miles, to its junction with an existing dirt road. Continue on this road westerly for approximately 3.7 miles to its junction with the proposed access road. Turn easterly and follow the access road approximately 900' to the proposed well location.

2. **PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

3. **LOCATION OF EXISTING WELLS**

Refer to Exhibit "D"

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

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

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

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. **SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP. See Exhibit "E".

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8. **ANCILLARY FACILITIES:**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT:**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s). Refer to Exhibits "E" and "E-1".

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

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION:**

The Archaeological Cultural Resource Survey is attached.

Inland Production Company requests a 60' ROW for the Jonah Federal #2-11 to allow for construction of a 6" poly gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C".

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

Representative

Name: Jon Holst
Address: 410 Seventeenth Street
Suite 700
Denver, CO 80202
Telephone: (303) 893-0102

Certification

Please be advised that INLAND RESOURCES, INC. is considered to be the operator of the well Jonah Federal #2-11, NW NE, Section 11, T9S, R16E, Lease #UTU-096550, 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.

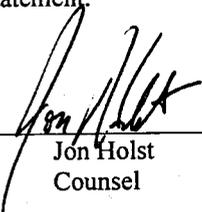
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I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work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

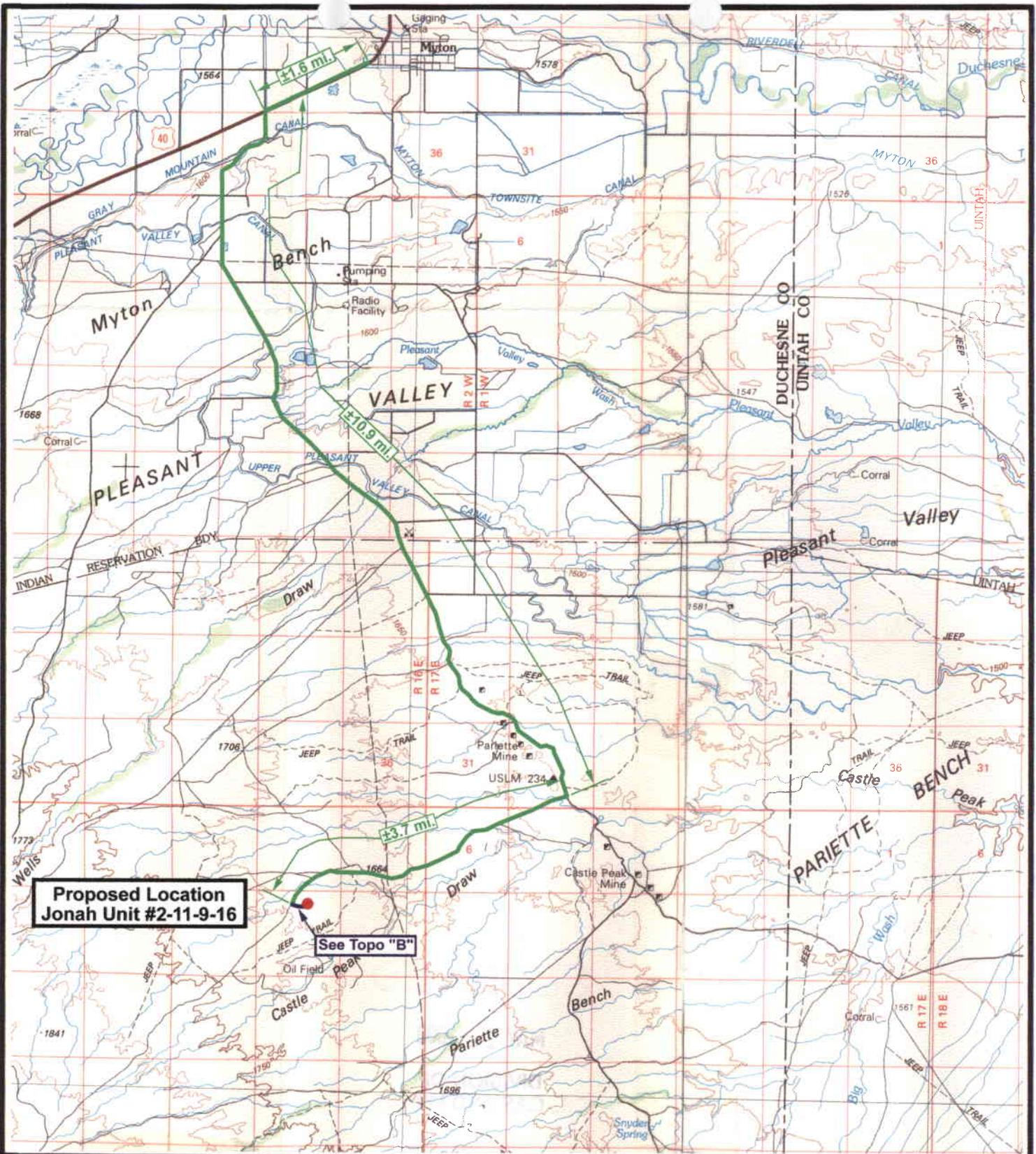
5/08/00
Date


Jon Holst
Counsel

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**Proposed Location
Jonah Unit #2-11-9-16**

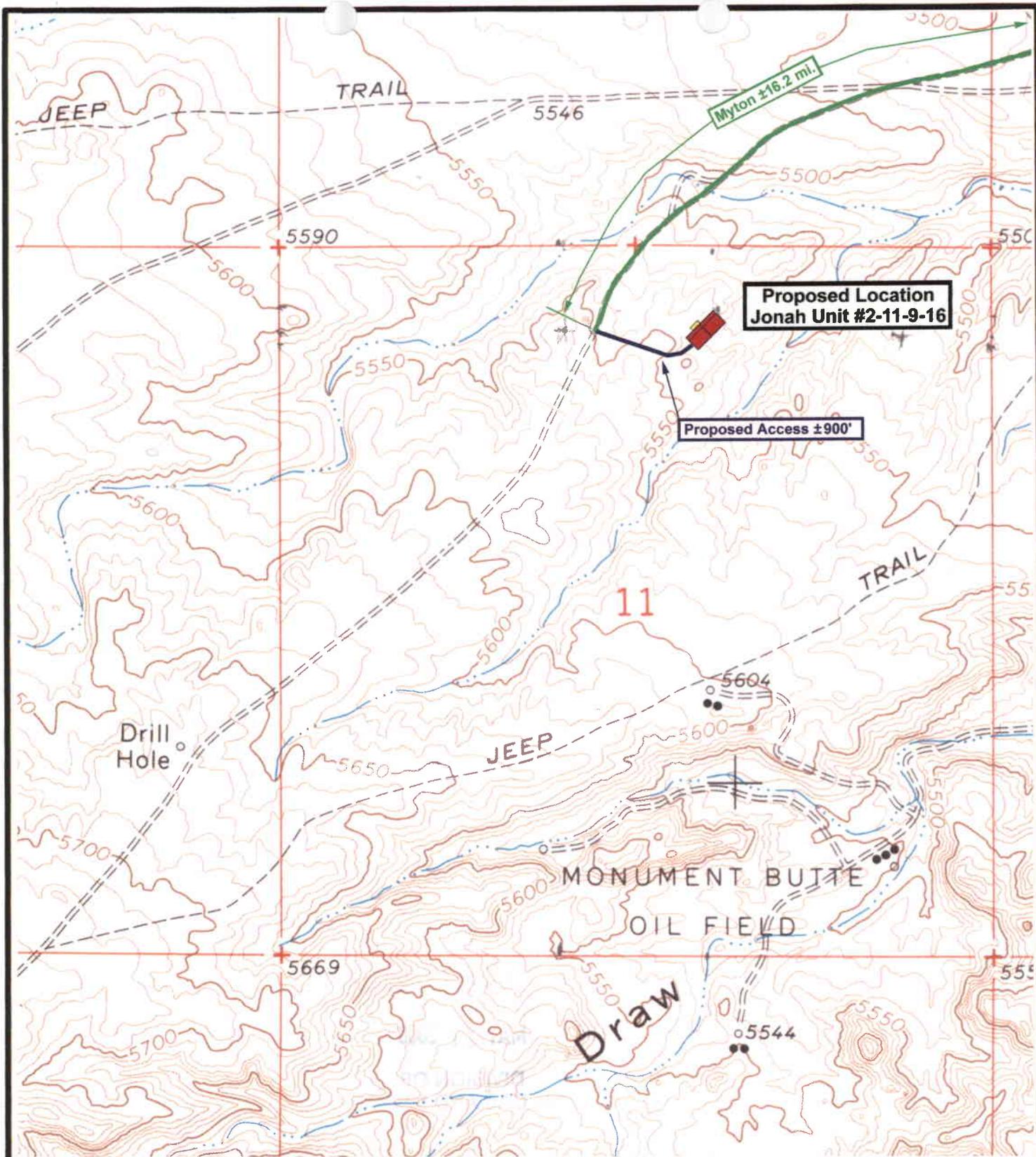
See Topo "B"



**JONAH UNIT #2-11-9-16
SEC. 11, T9S, R16E, S.L.B.&M.
TOPOGRAPHIC MAP "A"**



Drawn By: SS	Revision:
Scale: 1 : 100,000	File:
Date: 4-18-00	
Tri-State Land Surveying Inc. P.O. Box 533, Vernal, UT 84078 435-781-2501 Fax 435-781-2518	



**JONAH UNIT #2-11-9-16
 SEC. 11, T9S, R16E, S.L.B.&M.
 TOPOGRAPHIC MAP "B"**



Drawn By: SS

Revision:

Scale: 1 : 100,000

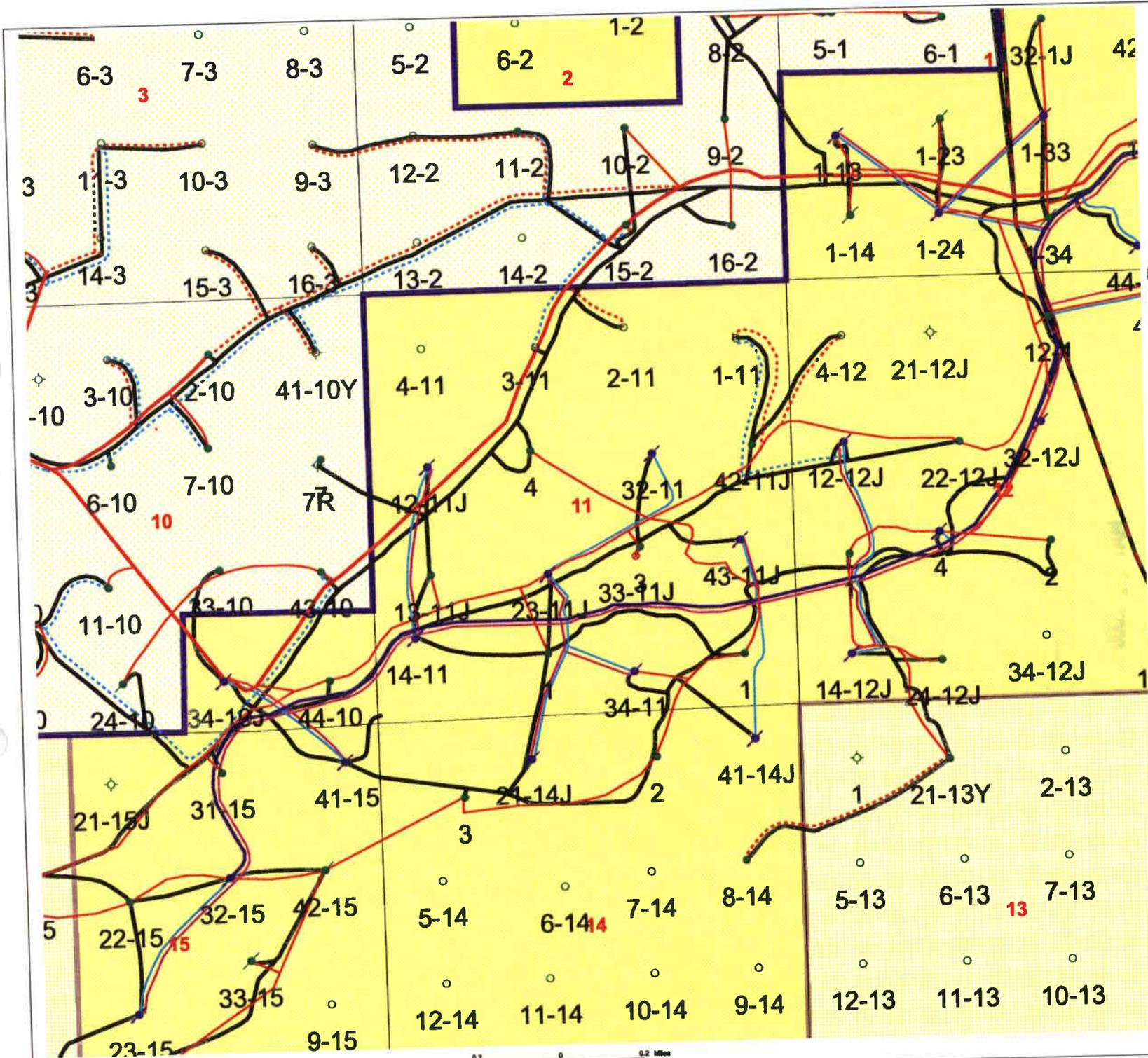
File:

Date: 4-18-00

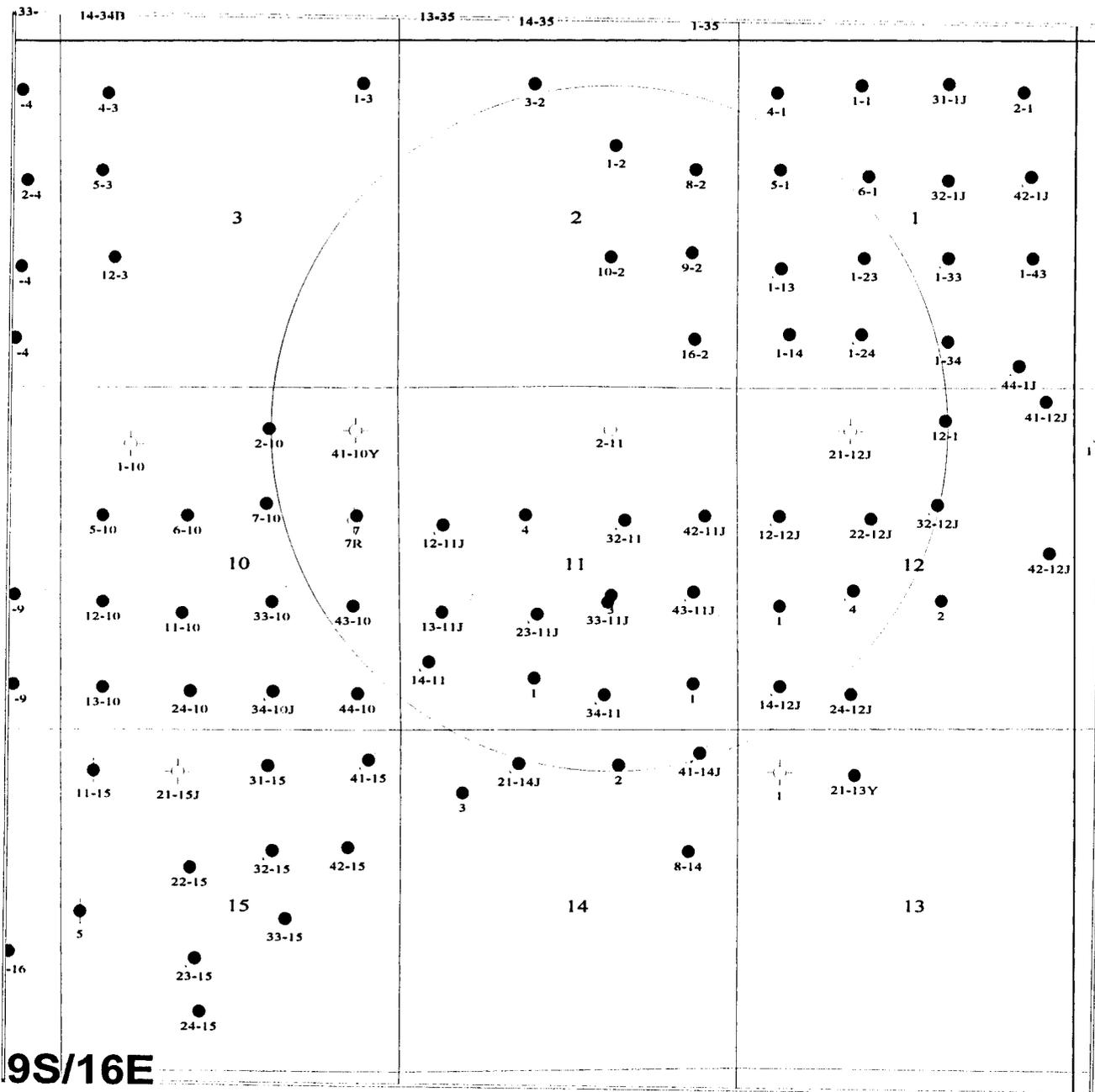
**Tri-State Land Surveying Inc.
 P.O. Box 533, Vernal, UT 84078
 435-781-2501 Fax 435-781-2518**

JONAH 2-11-9-16

EXHIBIT C



 4215th Street, Suite 100
New Orleans, LA 70114
www.jonahenergy.com
Jonah Energy Services, Inc.
L. B. STA. BARRIS
Houston & Dallas Offices, Texas
L.B. STA. BARRIS



9S/16E



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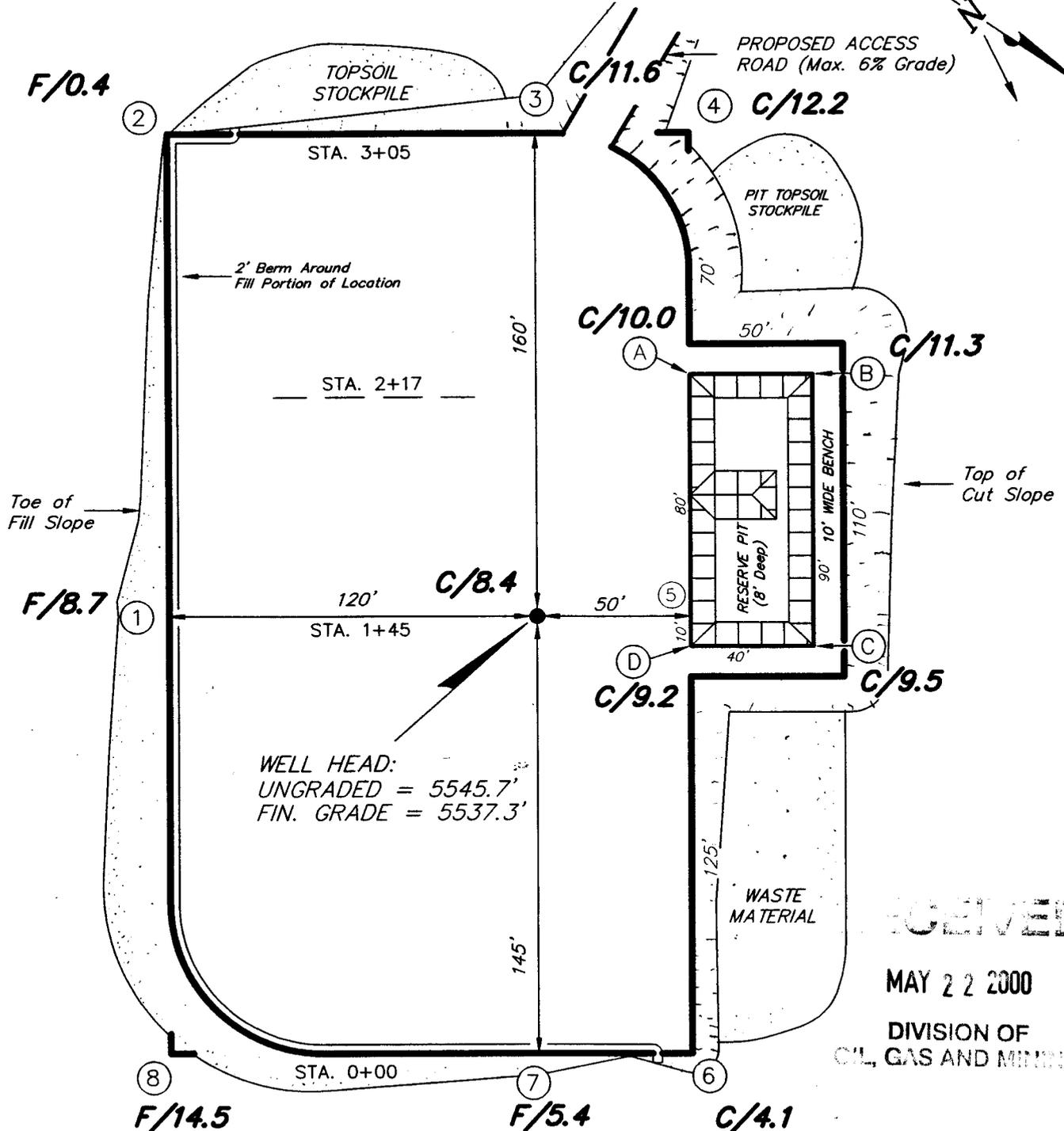
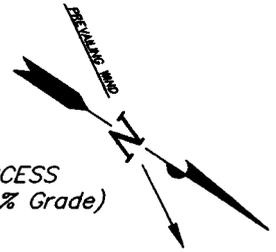
DIVISION OF
OIL, GAS AND MINING

EXHIBIT D

INLAND PRODUCTION COMPANY		
One Mile Radius Jonah Unit #2-11-9-16		
Job Number	Scale 1:30000	418200

INLAND PRODUCTION COMPANY

JONAH UNIT #2-11
 SEC. 11, T9S, R16E, S.L.B.&M.



WELL HEAD:
 UNGRADED = 5545.7'
 FIN. GRADE = 5537.3'

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EXHIBIT E

REFERENCE POINTS

- 170' SOUTHEAST = 5527.4'
- 200' SOUTHEAST = 5528.0'
- 200' SOUTHWEST = 5550.4'
- 250' SOUTHWEST = 5551.9'

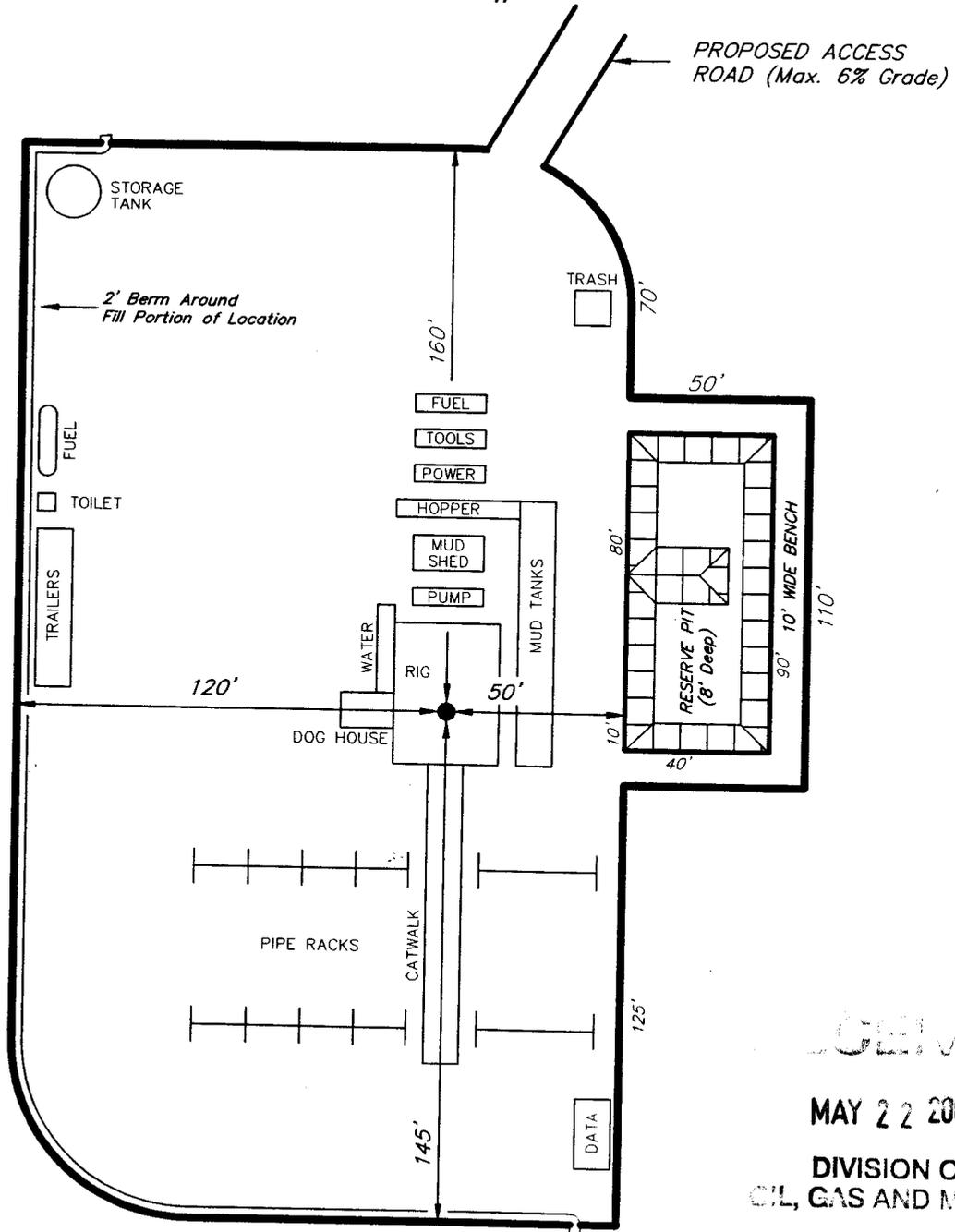
SURVEYED BY: G.S.	SCALE: 1" = 50'
DRAWN BY: B.J.S.	DATE: 4/18/00

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

INLAND PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH UNIT #2-11



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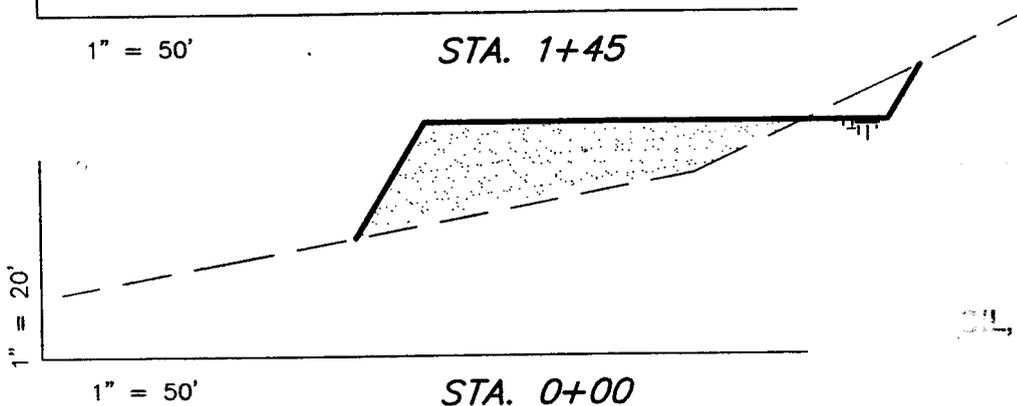
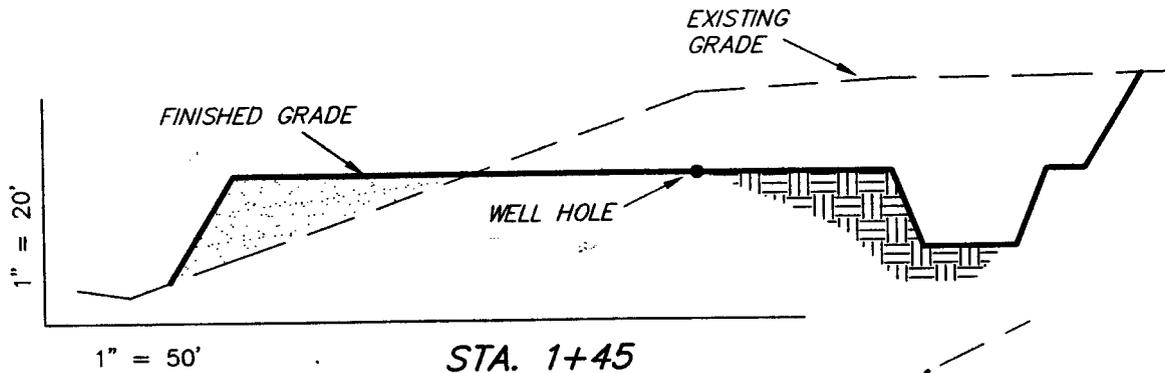
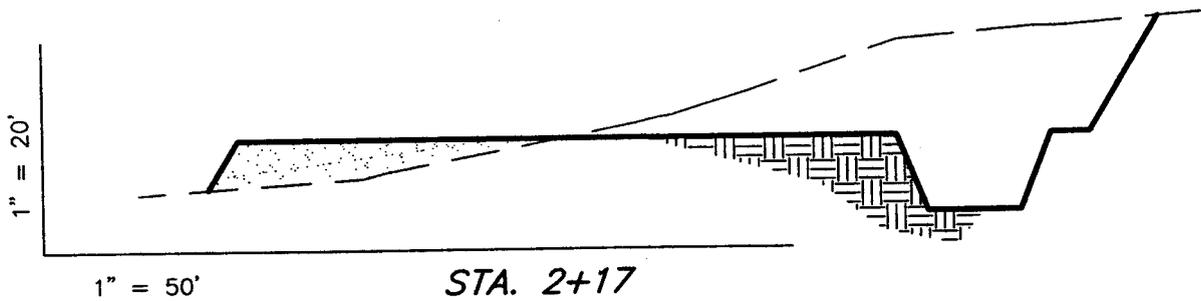
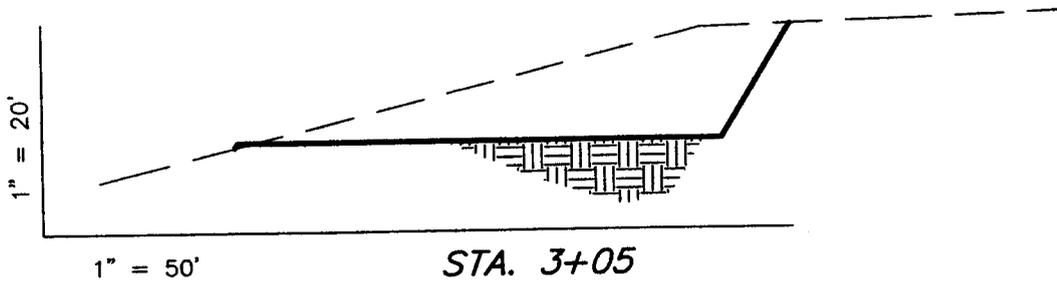
EXHIBIT E

Tri State
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INLAND PRODUCTION COMPANY

CROSS SECTIONS

JONAH UNIT #2-11



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APPROXIMATE YARDAGES

CUT = 6,950 Cu. Yds.
FILL = 6,950 Cu. Yds.
PIT = 920 Cu. Yds.
6" TOPSOIL = 1,060 Cu. Yds.

EXHIBIT E-1

SURVEYED BY: G.S.

SCALE: 1" = 50'

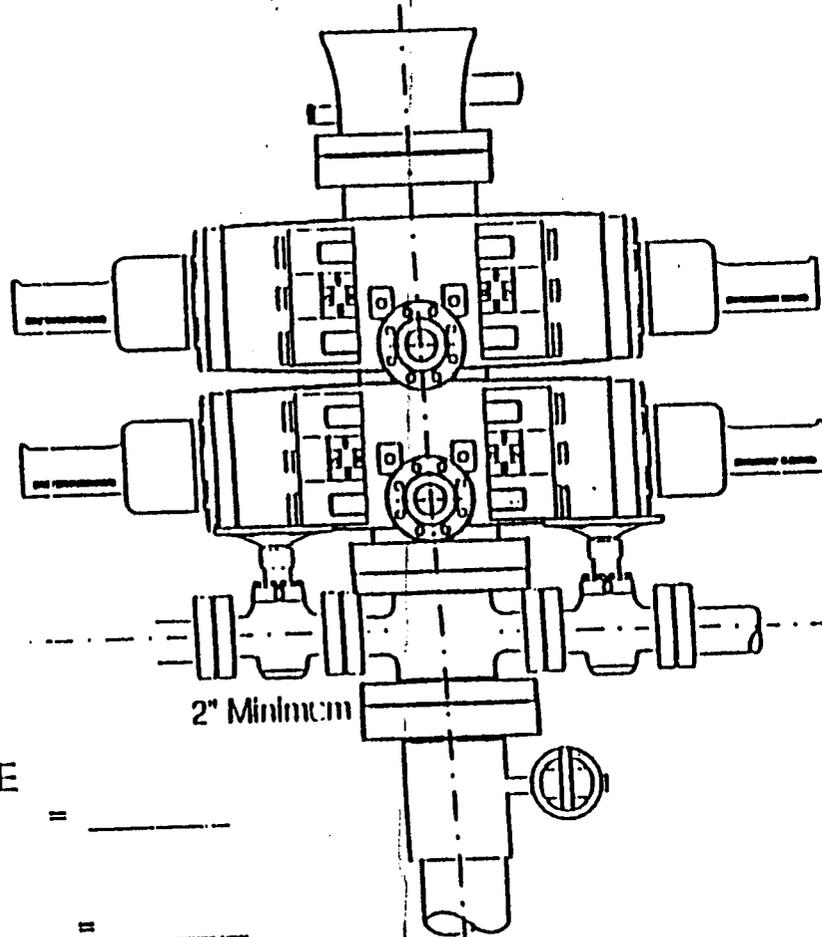
DRAWN BY: B.J.S.

DATE: 4/18/00

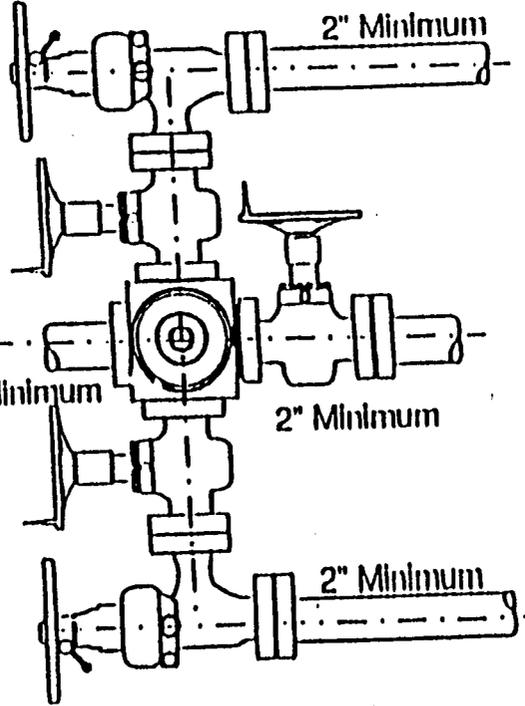
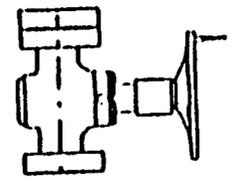
Tri State
Land Surveying, Inc.
38 WEST 100 NORTH VERNAL, UTAH 84078
(435) 781-2501

B.O.P.

2-M SYSTEM



2" Minimum



CLOSE
 ar BOP = _____
 ype BOP = _____
 arms x _____ = _____
 _____ Gal.
 _____ x 2 = _____ Total Gal.

iding off to the next higher
 ment of 10 gal. would require
 ... Gal. (total fluid & nitro volume)

EXHIBIT F

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Well No.: Jonah 2-11-9-16

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Jonah 2-11-9-16

Lease Number: UTU-096550

Location: NWN Sec 11, T9S, R16E

GENERAL

Access road should enter well pad from a westerly direction, branching off of an existing gravel road to the west.

CULTURAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

PALEONTOLOGICAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

SOILS, WATERSHEDS, AND FLOODPLAINS

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

WILDLIFE AND FISHERIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

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THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

BURROWING OWL: Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

MOUNTAIN PLOVER: If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

OTHER

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**CULTURAL RESOURCE INVENTORY OF
THE JONAH UNIT WELLS 1-11, 2-11, 3-11,
AND THE SOUTH WELLS DRAW UNIT 15-34
IN DUCHESNE COUNTY, UTAH**

JBR Cultural Resource Report 00-14

prepared for
Inland Resources Inc.
Denver, Colorado

submitted by

JBR Environmental Consultants Inc.
Springville, UT

April 24, 2000

Federal BLM Permit No. 99UT55134
Utah State Project Authorization No. U-00-JB-0146b

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DIVISION OF
OIL, GAS AND MINING

MANAGEMENT SUMMARY

- Agencies:** Utah State Historic Preservation Office (SHPO),
Bureau of Land Management (BLM) - Vernal Field Office.
- Project Number:** Utah State Project Authorization No.: U-00-JB-0146b,
Federal BLM Permit No.: 99UT55134
Utah State Permit No.: U-00-JB
- Project Description:** The project consists of a cultural resource inventory of four 40 acre inventory units for proposed well pad locations. The proposed well pads include the Jonah Unit wells 1-11, 1-11, 3-11 and the South Wells Draw Unit well 15-34. Ten acres of the South Wells Draw Unit well 15-34 had been previously inventoried and was not inventoried during the current project. A total of 150 acres were completed for the project, all of which are on lands administered by the Bureau of Land Management.
- Location:** The proposed project areas are located approximately ten miles southwest of Myton in Duchesne County, Utah.
- Cultural Resources:** The Class III inventory did not identify any cultural resource sites. The only cultural resources noted were three isolated finds.

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3.0 NATURE OF PROPOSED IMPACTS	4
4.0 ENVIRONMENTAL SETTING	4
5.0 PREVIOUS RESEARCH	5
6.0 ARCHAEOLOGICAL METHODS	8
7.0 INVENTORY RESULTS	8
8.0 SUMMARY AND RECOMMENDATIONS	9
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1.0 INTRODUCTION

JBR Environmental Consultants, Inc. of Springville, Utah, completed a cultural resource inventory of four 40 acre inventory areas for proposed well pad locations for Inland Resources, Inc. The proposed project inventory areas include the locations for wells 1-11, 2-11, and 3-11 in the Jonah Unit and 15-34 in the South Wells Draw Unit. A paleontological assessment of the project area was completed by Wade Miller under a separate report in March of 2000.

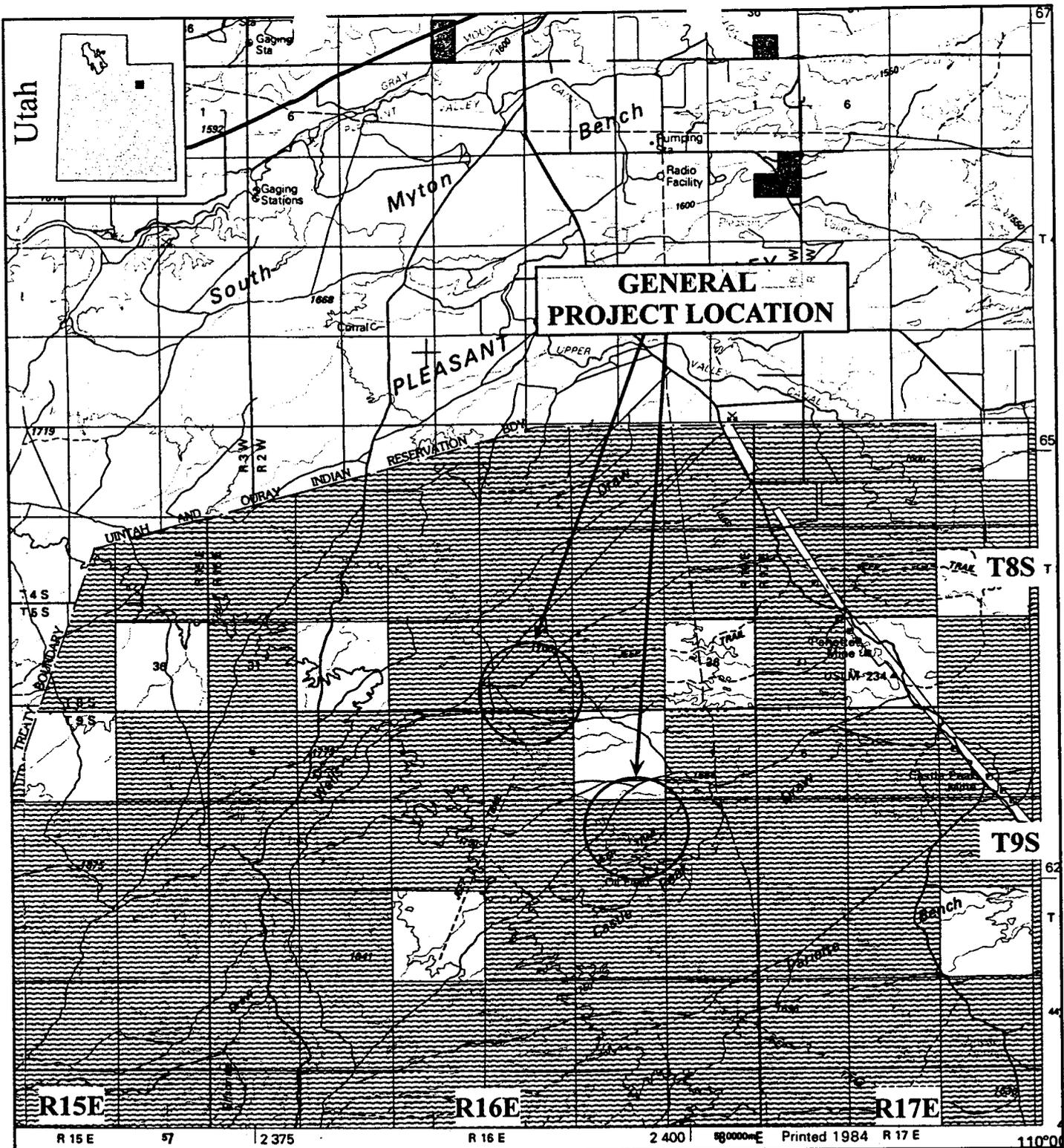
The cultural resource inventory of the proposed areas did not encounter any cultural resource sites. The only cultural materials noted were defined as three isolated finds. The project inventory was conducted on April 12, 2000 by JBR personnel Scott Billat, Richard Crosland, and Jenni Prince-Mahoney.

2.0 PROJECT LOCATION

All of the proposed project areas are located approximately ten miles southwest of Myton, Utah in Duchesne County (Figures 1 and 2). The project areas are located on lands administered by the Bureau of Land Management - Vernal Field Office. The legal locations for the project parcels are listed in Table 1.

Table 1. Project Area Legal Locations

Well Locations	Township/Range Section	Legal Locations	7.5 min USGS Quad
1-11 Jonah Unit	T9S R16E Section 11	NE ¼ of NE ¼	Myton SE, Utah
1-12 Jonah Unit	T9S R16E Section 11	NW ¼ of NE ¼	Myton SE, Utah
1-13 Jonah Unit	T9S R16E Section 11	NE ¼ of NW ¼	Myton SE, Utah
15-34 South Wells Draw Unit	T8S R15E Section 34	SW ¼ of SE ¼	Myton SE, Utah



KEY:

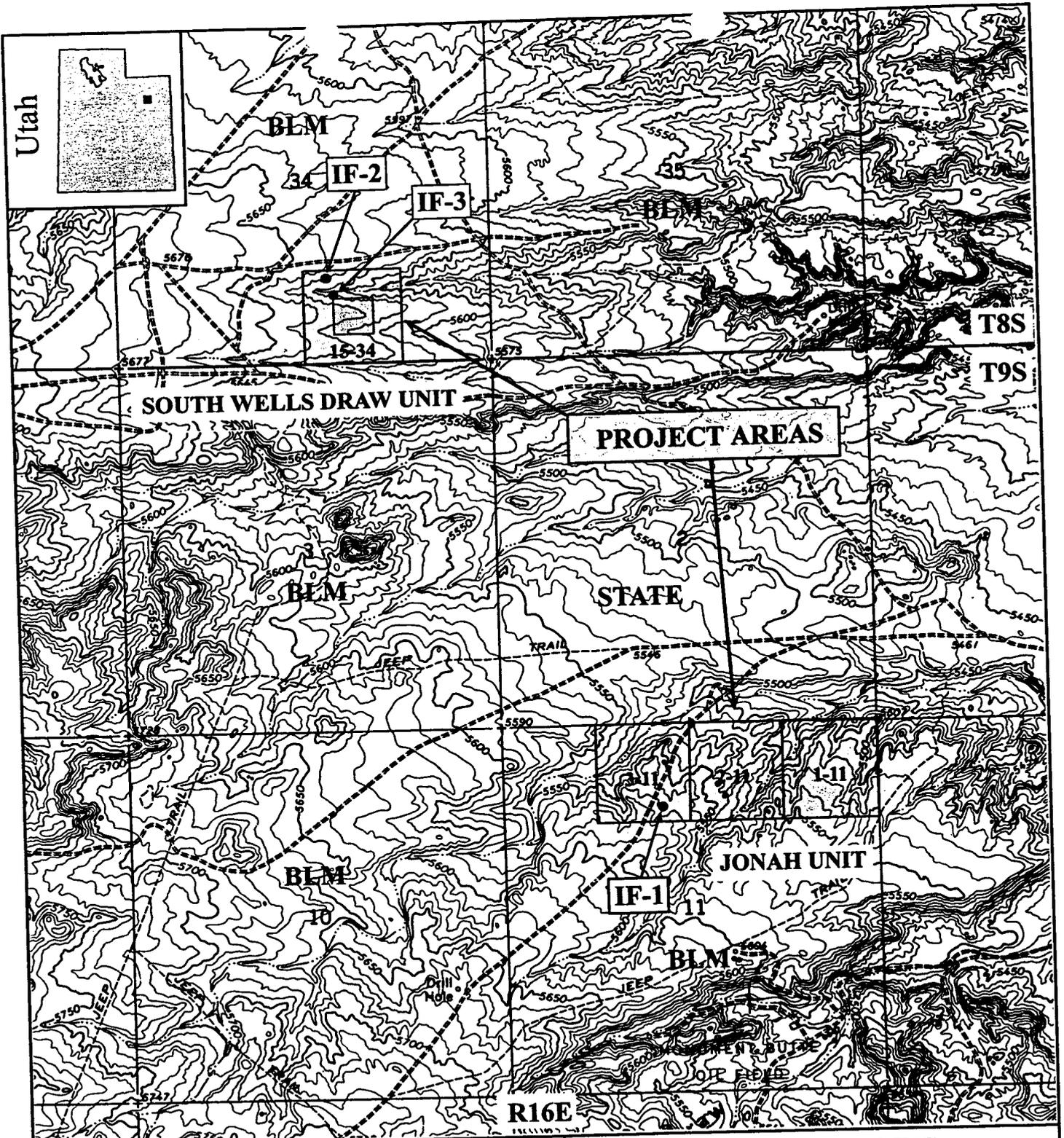
BASE FROM DUCHESNE, UT - 1:100,000 MAP

**INLAND RESOURCES INC.
WELLS 1-11, 2-11 AND 3-11
IN THE JONAH UNIT AND WELL 15-34
IN THE SOUTH WELLS DRAW UNIT**

**FIGURE 1
GENERAL PROJECT LOCATION**



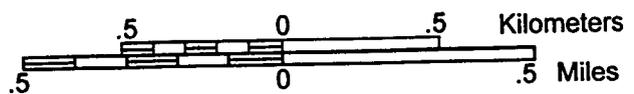
jbr
environmental consultants, inc.
Salt Lake City, Utah • Springville, Utah • Reno, Nevada • Elko, Nevada



BASE FROM MYTON SE, UT - 7.5 MIN QUAD

KEY:

-  CLASS III INVENTORY
-  PREVIOUS INVENTORY (95-SJ-0040)
-  ISOLATED FIND



INLAND RESOURCES INC.
WELLS 1-11, 2-11 AND 3-11
IN THE JONAH UNIT AND WELL 15-34
IN THE SOUTH WELLS DRAW UNIT

FIGURE 2
PROJECT AREAS
AND CULTURAL RESOURCES

jbr
 environmental consultants, inc.
 Salt Lake City, Utah • Springville, Utah • Reno, Nevada • Elko, Nevada

3.0 NATURE OF PROPOSED IMPACTS

Inland Resources proposes to develop four well locations within the identified project area. Less than 10 acres per well pad will be impacted by Inland during drilling operations. The completion of 40 acre well tracts will give Inland an area to situate the final well placement and associated facilities during development. Also, access roads can be adjusted into the 40 acre well tracts. Many of these proposed wells will be accessed from existing roads.

4.0 ENVIRONMENTAL SETTING

The inventory areas in the Jonah Unit are bisected by Castle Peak Draw along the Pariette Bench. The terrain consists of dissected tableland with the Pariette Bench located just to the south. The inventory areas in the Wells Draw Expansion Unit are situated just to the north of Castle Peak Draw in an area dissected by two large intermittent drainages and a high bench feature.

4.1 Geology

The area is characterized by low rolling tablelands dissected by deep draws and low eroding bedrock outcrops of sandstone and limestone. Soils in the area are fine light tan to medium brown silty sands. The surface sediments consist of an inter-fingering of fluvial deposits and thinly bedded Pleistocene lake bed deposits. Sediments contain a moderate amount of Pleistocene gravels and some small areas of Eocene Green River Formation are visible in eroded areas.

4.2 Flora/Fauna

The project area is within the Upper Sonoran Life Zone. Vegetation within the project area includes four-wing saltbrush, winterfat, narrow leafed yucca, greasewood, and a variety of forbs and low grasses. Fauna noted in the project area includes antelope, jackrabbit, cottontail rabbit, and ground squirrel.

5.0 PREVIOUS RESEARCH

The Class I file search was conducted at the Utah State Division of History - Antiquities Section by Richard Crosland on April 10, 2000 and by Jeffrey Rust at the Bureau of Land Management - Vernal Field Office on April 13, 2000. The file search noted that numerous projects have been completed within the immediate vicinity of the current project area. The majority of these inventories have been associated with the gas and oil industry and include well pads, access roads, and pipeline projects. A listing of these cultural resource inventories conducted within or immediately adjacent to the proposed project blocks is incorporated below in Table 2.

Table 2. Previous Cultural Inventories Near the Current Project Areas

Report No.	Project	Consultant	Results
80-NH-0410	Archaeological investigations of proposed transmission line corridors for Moon Lake Project.	Nickens and Associates	Five sites
81-PA-0813	Gulf Energy Monument Butte Federal 1-23	Powers Elevation	No sites
82-GC-0692	Inventory of Lomax well 5-35	Grand River Consultants	No sites
82-PA-0683	Gulf Energy 1-13 Monument Butte Federal	Powers Elevation	One site
82-PA-0684	Gulf Energy 1-14 Monument Butte Federal	Powers Elevation	No sites
82-PA-0685	Gulf Energy 1-24 Monument Butte Federal	Powers Elevation	no sites
82-UT-0373	Inventory of a 40 acre well pad in Sec. 3 T.9S R.16E	Unknown	Unknown
83-GC-0618	Inventory of Lomax Monument Federal Well 13-35	Grand River Consultants	No sites
83-GC-0619	Inventory of a 10 acre well pad	Grand River Consultants	Unknown
83-GC-0627	Inventory of a 10 acre well pad	Grand River Consultants	No sites
83-GC-0636	Lomax West Monument wells 1-34, 9-34, 10-35, 14-35	Brand River Consultants	No sites
83-PA-0615	Inventory of Gulf Energy 34-13 Wells Draw Federal well	Powers Elevation	No site
83-PA-0616	Gulf Energy 34-24 Wells Draw Federal well	Powers Elevation	No sites
83-SJ-0600	Natural Gas Corp pipeline	Sagebrush Consultants	No sites
84-AF-0206	Inventory of Phillips Petroleum Pipeline corridor in the Antelope Canyon, Wells Draw, and Pariette Bench localities	AERC	No sites
84-AF-0976	Inventory of Diamond Shamrock Walton Federal 34-11 and 43-11 and Pariette Bench 32-6 wells	AERC	No sites

(Table 2. Continued)

Report No.	Project	Consultant	Results
84-GC-0062	Inventory for Lomax Explorations's Pleasant Valley Federal 12-27 and access road	Grand River Consultants	No sites
84-GC-0984	Inventory of Lomax Monument Federal 2-34 well	Grand River Consultants	No sites
87-BL-0211	Castle Peak Reservoir	BLM - Vernal	No sites
89-AF-0086	Unknown linear inventory	AERC	Unknown
89-SJ-0418	Inventory of Two P.G.&E. wells near Monument Butte	Sagebrush Consultants	No sites
90-SJ-0065	Inventory of five PG&E Wells near Monument Butte	Sagebrush Consultants	Two sites
92-AF-0498	Inventory of Seven Balcron Oil well locations	AERC	One site
92-AF-0634	Inventory of Balcron Oil 7 Proposed well locations in Castle Peak Draw	AERC	Two sites
93-AF-0413	Inventory of Balcron Oil Pipeline corridor in the Castle Peak Draw Locality	AERC	No sites
93-AF-0446	Balcron Oil Monument Butte well	AERC	No sites
93-AF-0530	Inventory of Balcron Oil three water Injection pipeline segments in the Monument Butte locality	AERC	No sites
93-AF-0595	Eight proposed well location for Balcron Oil in the Monument Butte locality	AERC	Two sites
93-NP-0632	Inventory of the proposed Utah Power & Light Myton oil field power lines in Castle Peak Draw	Asa Nielson	Two sites, One paleo site
93-SJ-0720	Cultural Resource Inventory in the Wells Draw Unit	Sagebrush Consultants	Eight sites
94-AF-0332	Inventory of Balcron Oil Water Injection Line Lateral Segments near Monument Butte	AERC	One sites
94-AF-0710	Balcron Oil Wells and Access Routes in the Pariette Draw-Castle Peak Draw Localities	AERC	No sites
95-AF-0560	Inventory of the Balcron Oil water return pipelines in the Castle Peak Draw locality	AERC	No sites
95-SJ-0039	Inventory of two Lomax wells and access roads south of Wells Draw	Sagebrush Consultants	No sites
95-SJ-0040	Cultural and Paleontological Inventory of Four Lomax Wells near Monument Butte	Sagebrush Consultants	No sites
95-SJ-0490	Inventory of Monument Butte State 2-36 and 9-2 wells	Sagebrush Consultants	No sites
95-SJ-0638	Inventory of Inland Wells Monument Butte 10-2 and 15-2	Sagebrush Consultants	No sites

(Table 2. Continued)

Report No.	Project	Consultant	Results
96-AF-0445	Inventory of Equitable Resources pipeline corridor in the Pariette Bench/Wells Draw locality	AERC	Two sites
96-SJ-0012	Inland Resources Monument Butte Pipeline B	Sagebrush Consultants	No sites
97-SJ-0006	Inventory of a 40 acre well pad	Sagebrush Consultants	Unknown
98-AF-0164	Inventory of Inland's south wells draw unit in the castle peak draw locality	AERC	12 sites
BLM# 013-45	Inventory of a ten acre well pad in Section 3 T.9S R.16E	Unknown	No sites
BLM# 013-101	Inventory of Lomax Exploration Gas Pipeline between State 3-2 and Federal 4-35.	Grand River Consultants	One site

One previous project (95-SJ-0040) consisted of a ten acre well pad inventoried within the current proposed project area of the South Wells Draw Unit 15-34 (See Figure 2). This previous project completed by Sagebrush Archaeological Consultants in 1995 was a Class III inventory and did not encounter any cultural resource sites. This ten acre area was not re-inventoried by JBR during the current project.

General Land Office (GLO) maps for the area were reviewed in an effort to identify any historic features in the area that may still be visible on the ground. The 1911 GLO map for T9S R16E indicates that the *Road from Smith's Well to Pariette* was located within Section 11 within the project area. The road noted on the GLO map appears to be the same route shown as an unimproved trail on the *Myton SE, UT 7.5 min. Quad*. This road has been recently improved and currently exists as a graded crowned and ditched road. The 1911 GLO map for T.8S R16E indicates that the *Road from Price to Pariette* was located just south of Section 34 and outside of the project area. This road appears to be the same route shown as an unimproved trail on the *Myton SE, UT 7.5 min Quad*. No other historic features were noted on the GLO maps.

The Class I file search also revealed that no previously recorded sites were present in the proposed project area. The file search also indicated that no previously recorded sites were located within ¼ mile of the project area and that the majority of the projects located near the current inventory areas resulted in the documentation of few, if any, cultural resource sites.

6.0 ARCHAEOLOGICAL METHODS

A Class III inventory was completed for the project by three JBR cultural resource personnel, walking parallel transects at fifteen meter intervals. One small area of the project contained some mixed aeolian deposits and appeared to have higher site potential because of proximity to water sources or geologic features. When these areas were encountered during the inventory, they were investigated with more scrutiny. Isolated finds encountered during the inventory were recorded on a BLM Isolate Form and were plotted on a USGS topographic map.

A ten acre well pad location in the center of the South Wells Draw Unit 15-35 was previously inventoried by Sagebrush Archaeological Consultants in 1995 (Project # U-95-SJ-0040). Because this ten acre parcel was previously surveyed according to Class III inventory standards, it was not re-inventoried by JBR during the current project.

6.1 Archaeological Expectations

Previous projects indicate that the potential for prehistoric sites in the area was expected to be relatively low but would vary with the terrain. Terraces and edges of large drainages were expected to have higher prehistoric site potential. Other areas of undulating open spaces were expected to have a relatively low site potential.

The potential for historic properties was expected to be the greatest near the Wells Draw Expansion and relatively low in the remaining project areas. Gas and oil exploration activities have occurred in the area for the past three decades but rarely date prior to 1950. Historic roads noted on GLO maps from 1911 indicate there may be a potential for historic debris scatters along these roads.

7.0 INVENTORY RESULTS

No cultural resource sites were located during the Class III inventory. The only cultural materials encountered consist of three isolated finds. The three isolated finds are noted in Table 4. Forms for each of the Isolated Finds are included in Appendix A.

The location of the *Road from Smith's Well to Pariette* shown on 1911 GLO maps appears to be the general route of a modern improved crowned and ditched road. The modern road probably follows this historic trail and has completely covered or destroyed the original route. The historic road, if indeed this is the location, no longer maintains any aspects of integrity and was not recorded during this inventory.

Table 3. Summary of Isolated Finds.

Isolate#	Artifact Description	Township Range and ¼ Sections
IF-1	Two hole-in-cap tin cans measuring 4" dia x 4 ¼" hgt with a 2 ¼" cap and one evaporated milk tin can with "punch here embossed" (Simonis type 17).	SW¼ SE¼ NE¼ NW¼ Sec. 11 T9 S R16 E
IF-2	One evaporated milk can embossed with "Punch Here" (Simonis Type 17) and three miscellaneous crushed tin cans	NE¼ NW¼ SW¼ SE¼ Sec. 34 T8 S R16 E
IF-3	A lithic scraper and a possible chopper/scraper	NE¼ NW¼ SW¼ SE¼ Sec. 34 T8 S R16 E

8.0 SUMMARY AND RECOMMENDATIONS

The Class III inventory did not encounter any cultural resource sites. The only cultural materials encountered consist of three isolated finds.

The nature and age of prehistoric cultural resources in the area indicates that there is always the possibility of encountering previously unidentified cultural resources during any ground disturbing activities. In order to protect any unidentified or unrecorded cultural properties which may exist, the following restrictions should apply during construction of the well pad:

1. Personnel and equipment associated with the project should be restricted to the area cleared for the project.
2. Personnel associated with the project should refrain from collecting or otherwise disturbing cultural materials that may be encountered during development.

3. If unrecorded cultural materials are encountered during the project, activities in the affected area(s) should cease, and the appropriate State office (SHPO), BLM Field Office should be notified before development in the area is resumed.
4. Human burials or other physical remains encountered during the project, require immediate cessation of activity in the affected area, as well as immediate notification of proper authorities. Native American burials or other remains must be reported to the BLM, Utah SHPO and appropriate Native American groups.

INLAND RESOURCES INC.
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

PALEONTOLOGICAL REPORT

Jonah Federal #2-11-9-16
NW NE Sec. 11-T9S-R16E
Duchesne County, Utah

RECEIVED

MAY 22 2000

DIVISION OF
OIL, GAS AND MINING

INLAND RESOURCES, INC.

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
SOUTHEASTERN DUCHESNE COUNTY, UTAH**

(Sections 5, 6, 11, and 12, Township 9 South, Range 16 East)

REPORT OF SURVEY

Prepared for
Inland Resources, Inc.

By Wade E. Miller
Consulting Paleontologist
March 27, 2000

WM #00-03

Introduction

On Thursday, March 16, 2000, Wade Miller received a fax from Jon Holst of Inland Resources in Denver, Colorado, requesting that a paleontological field survey be performed on various proposed well units in southeastern Duchesne County. The requested areas to be surveyed involved seven quarter, quarter sections as follows: Jonah Unit 4-12; NW 1/4, NW 1/4, Sec. 12, T 9 S, R 16 E, Jonah Unit 1-11; NE 1/4, NE 1/4, Sec. 11, T 9 S, R 16 E, Jonah Unit 2-11; NW 1/4, NE 1/4, Sec. 11, T 9 S, R 16 E, Jonah Unit 3-11; NE 1/4, NW 1/4, Sec. 11, T 9 S, R 16 E - Wells Draw Unit 5-5; SW 1/4, NW 1/4, Sec. 5, T 9 S, R 16 E, ^{West} Wells Point Unit 12-5; NW 1/4, SW 1/4, Sec. 5, T 9 S, R 16 E, ^{West} Wells Point Unit 12-6; NW 1/4, SW 1/4, Sec. 6, T 9 S, R 16 E. These units are located on both the Myton SE and Myton SW 7.5' USGS quadrangles. Several previous paleontological surveys have been made by Wade Miller at proposed well locations in the general area, some being close to those surveyed for the present report.

It is critical that these and other areas be surveyed paleontologically, as important fossils may be encountered during excavating activities. Some have already been found and noted in previous survey reports. The extensive well fields south of Myton, Utah, being developed by Inland Resources, Inc., are on beds of the Uinta Formation, one of the most paleontologically significant formations in Utah. The fossil fauna recovered from this formation is truly impressive. It includes various plants, fish, amphibians, reptiles and mostly mammals. Their study has not only provided data about the various taxa, but has contributed to a knowledge of climatic conditions that existed at the time, about 40 - 42 million years ago. While many types of fossil vertebrates have already been discovered, there is the possibility that better specimens will be found which can provide significant new information. Also, it is likely that new species will be discovered in time.

Paleontological Field Survey

The present paleontological field survey was done on Saturday, March 25, 2000. Each of the quarter/quarter sections listed above was surveyed on foot. While the bulk of the area surveyed was on the Eocene age Uinta Formation, Wells Draw, which bisects some of surveyed units, contains substantial amounts of Quaternary alluvium. While some of these deposits are undoubtedly of Holocene (Recent) age, some appeared to be Pleistocene. And Pleistocene sediments have produced important vertebrate fossils, such as mammoths, mastodons, giant ground sloths and other extinct animals from various parts of Utah. For this reason the deposits in Wells Draw were carefully inspected where they existed in the area of the present survey.

Some, but not all, of the quarter/quarter sections surveyed were marked by stakes, making their exact locations easier to survey. Staked areas included the SW 1/4, NW 1/4, and NW 1/4, SW 1/4, Sec. 5, T 9 S, R 16 E, of the Wells Draw and Wells^{sr} Point units. The ground surface here and in the NW 1/4, SW 1/4, Sec. 6. T 9 S, R 16 E, was largely covered in weathered rock fragments from the Uinta Formation and desert soil. However, numerous rock outcrops were noted on the slopes of Wells Draw. These consisted of interbedded sandstones and shales, mostly the former. The sandstone beds range from thick to thin with some cross-bedding, from coarse to fine in particle size, and brown to tan to brownish-green in color. The shales were reddish-brown in some areas, green in others. All these units were carefully inspected for fossils, as were the Quaternary sediments at the bottom of Wells Draw.

The four quarter, quarter sections listed above in the Jonah Unit, since they are contiguous, were walked out and paleontologically surveyed as one unit. There are only limited exposures of bedrock in all four of these quarter, quarter sections. Most of the area is covered with weathered rock fragments and desert soil, which is not conducive for finding fossils. Two arroyos running through the area provided the only significant outcrops of Uinta Formation. These are mostly sandstone layers with some exposed intercalated shales. Again, the nature of the sandstones was similar to those given above. It was noted here, however, that ripple marks occur in some of the

finer grained sandstones. Cross-bedding occurs in coarser sandstone units. Both the ripple marks and cross-bedding are indicative of current action, and serve to demonstrate that many of the units were deposited in stream channels.

Results of Survey

In the Wells Draw and Wells Point quarter, quarter sections, plant fossils consisting mostly of twig and leaf fragments are locally abundant. These are mainly confined to an upper brown sandstone bed of medium sized sand grains. The only difference in these plant fossils in the three quarter, quarter sections is that those in the NW 1/4, SW 1/4, Sec. 6, T 9 S, R 16 E, contained some small to moderate sized branches. Mostly, though, these are of impressions, with few compressions.

In the four quarter, quarter, sections of the Jonah Units, only a few possible fossil plant fragments were observed. However, in Jonah Unit 3-11; NE 1/4, NW 1/4, Sec. 11, T 9S, R 16 E, at the bottom of the arroyo, a few burrowing structures were noted in the finer grained sandstones.

Recommended Mitigation

While plant fossils were observed at a few localities, as noted above, their poorly preserved nature and condition makes them scientifically relatively unimportant. The uncommon burrowing structures found are also not considered to be of scientific importance. There was a total absence of any vertebrate fossils seen in any of the seven quarter, quarter sections surveyed paleontologically. Therefore, the only mitigation recommended is to inform those excavating these areas that it is still possible that important fossils could be uncovered, and that they should immediately contact a paleontologist if bones are uncovered.

Wade E. Miller
3/28/00

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 05/22/2000

API NO. ASSIGNED: 43-013-32158

WELL NAME: JONAH FED 2-11
 OPERATOR: INLAND PRODUCTION (N5160)
 CONTACT: JON HOLST

PHONE NUMBER: 303-893-0102

PROPOSED LOCATION:

NWNE 11 090S 160E
 SURFACE: 0492 FNL 2075 FEL
 BOTTOM: 0492 FNL 2075 FEL
 DUCHESNE
 MONUMENT BUTTE (105)

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

LEASE TYPE: 1-Federal
 LEASE NUMBER: UTU-096550
 SURFACE OWNER: 1-Federal

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

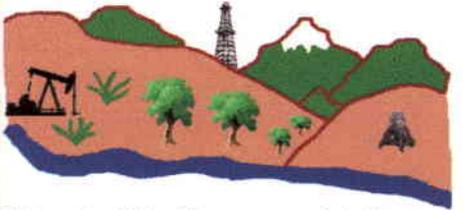
Plat
 Bond: Fed^[1] Ind[] Sta[] Fee[]
 (No. 4488944)
 Potash (Y/N)
 Oil Shale (Y/N) *190 - 5 (B)
 Water Permit
 (No. MUNICIPAL)
 RDCC Review (Y/N)
 (Date: _____)
 Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3. Unit Jonah
 R649-3-2. General
 Siting: _____
 R649-3-3. Exception
 Drilling Unit
 Board Cause No: _____
 Eff Date: _____
 Siting: _____
 R649-3-11. Directional Drill

COMMENTS: Mon. Bull. Field (S.O.P.), separate file.

STIPULATIONS: ① FEDERAL APPROVAL



Utah Oil Gas and Mining

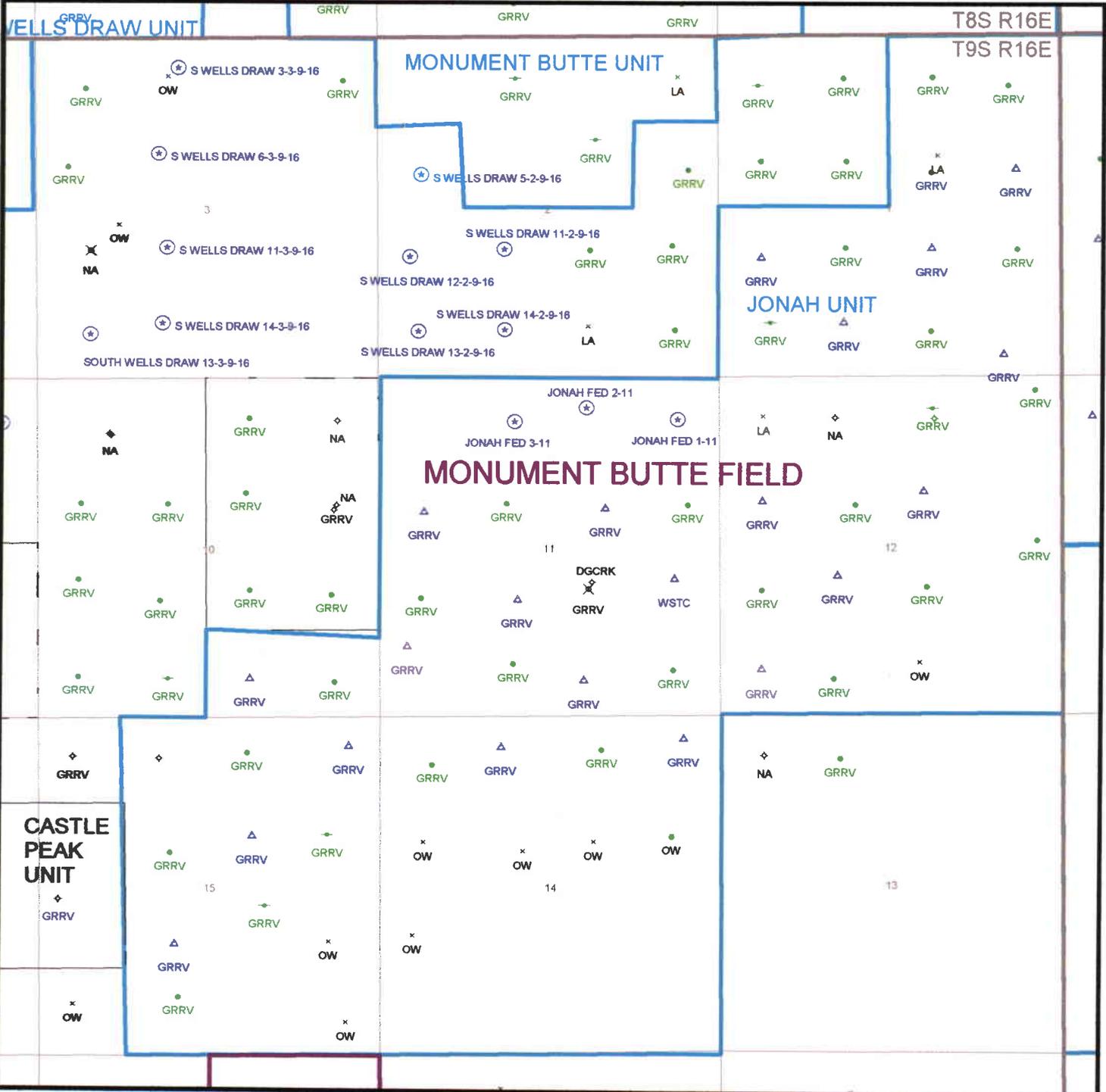
OPERATOR: INLAND PRODUCTION CO. (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. 11, T 9 S, R 16 E,

COUNTY: UINTAH STATE SPACING

Serving the Industry, Protecting the Environment



PREPARED
DATE: 2-JUN-2000

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

June 6, 2000

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2000 Plan of Development Jonah Unit Duchesne
County, Utah.

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

API #	WELL NAME	LOCATION
43-013-32157	Jonah Fed 1-11	0660 FNL 0660 FEL Sec. 11, T9S, R16E
43-013-32158	Jonah Fed 2-11	0492 FNL 2075 FEL Sec. 11, T9S, R16E
43-013-32159	Jonah Fed 3-11	0706 FNL 2094 FWL Sec. 11, T9S, R16E

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:6-6-0



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

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

June 6, 2000

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

Re: Jonah Federal 2-11 Well, 492' FNL, 2075" FEL, NW NE, Sec. 11, T. 9 South, R. 16 East,
Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32158.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza
Associate Director

er

Enclosures

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

Operator: Inland Production Company
Well Name & Number Jonah Federal 2-11
API Number: 43-013-32158
Lease: UTU-096550
Location: NW NE Sec. 11 T. 9 South R. 16 East

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338
- Contact Robert Krueger at (801) 538-5274.

3. Reporting Requirements

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. UTU-096550
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Jonah Unit
8. FARM OR LEASE NAME Jonah Federal
9. WELL NO. #2-11
10. FIELD AND POOL OR WILDCAT Monument Butte
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NWNE Sec. 11, T9S, R16E
12. County Duchesne
13. STATE Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL DEEPEN

1b. TYPE OF WELL
OIL WELL GAS WELL OTHER

SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Inland Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At Surface **NWNE, 491.6' FNL and 2075.1' FEL**
At proposed Prod. Zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 16.2 miles south of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
Approximately 492'

16. NO. OF ACRES IN LEASE
840

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.
Approximately 1111'

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5545.7' GR

22. APPROX. DATE WORK WILL START*
Third quarter, 2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

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

The Conditions of Approval are also attached.

RECEIVED
MAY 22 2000

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

24. SIGNED Jon Holst TITLE Counsel DATE 5/08/00

(This space for Federal or State office use)

NOTICE OF APPROVAL

PERMIT NO. _____ APPROVAL DATE _____
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:
APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE 7/31/00

*See Instructions On Reverse Side

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

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Jonah Federal 2-11

API Number: 43-013-32158

Lease Number: U -096550

Location: NWNE Sec. 09 T. 9S R. 16E

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

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at $\pm 1,852$ ft.

SURFACE USE PROGRAM

Plans For Reclamation Of Location:

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

black sage brush	Artemisia nova	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
galleta grass	Hilaria jamesi	3 lbs/acre
blue gramma grass	Bouteloua gracilis	3 lbs/acre

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

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



September 5, 2000

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

Attn: Mr. Edwin I. Forsman

Re: Geologic Prognosis

Dear Mr. Forsman:

Enclosed please find the prognosis for the following wells:

- Jonah Federal #1-11-9-16
- Jonah Federal #2-11-9-16
- Jonah Federal #3-11-9-16
- Jonah Unit #4-12-9-16
- Wells Draw #5-5-9-16
- West Point #12-5-9-16
- West Point #13-5-9-16
- ~~Nine Mile #12-6-9-16~~ *west point U 12-6-9-16*
- West Point #9-31-8-16
- Odekirk Spring #1-A-35-8-17
- Odekirk Spring #9-36-8-17
- Odekirk Spring #16-36-8-17

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

Sincerely,

Madalyn M. Runge

Madalyn M. Runge
Operations Secretary

Enclosures

cc: State of Utah, Division of Oil, Gas and Mining
Attn: Mr. Robert Krueger
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Well File – Denver
Well File – Roosevelt

RECEIVED

SEP 07 2000

DIVISION OF
OIL, GAS AND MINING

INLAND PRODUCTION COMPANY GEOLOGIC PROGNOSIS AND LOG DISTRIBUTION LIST

WELL: Jonah Federal #2-11-9-16

API Number: 43-013-32159

LOCATION: 492' FNL, 2075' FEL (NWNE)
Section 11 T9S, R16E
Duchesne County, Utah

ELEVATION: 5546' Ground
5556' KB

TOPS:

Uinta Formation	surface
Green River Formation	
Garden Gulch Member	4040'
Point Three Marker	4290'
'X' Marker	4560'
'Y' Marker	4595'
Douglas Creek Member	4720'
Bicarbonate	4960'
B Limestone	5085'
Castle Peak Limestone	5565'
Basal Limestones	

ANTICIPATED PAY SANDS:

GB-4	4210'
GB-6	4270'
D-1	4790'
C	4920'
B-2	5050'
A-1	5185'
LODC	5390'

TOTAL DEPTH: 5600'

CORES: None planned

DSTS: None planned

SAMPLES: 30' samples from 3000' to TD

DRILLING:

Union Rig #14 (435) 828-6434

Pusher: (435)828-6433 Rex Harris

Superintendent: David Gay (435) 828-8031 (cellular)

REPORT WATER FLOWS TO UTAH DIVISION OF OIL, GAS AND MINING: (801) 538 5327

OPEN HOLE LOGGING:

Phoenix Surveys: David (970) 263 4063

DIGL/SP/GR Suite: TD to surface casing

DSN/SDL/GR/CAL Suite logs: TD to 3000'

Gamma Ray scale 0-150

Matrix density 2.68

LAS data floppy required.

DATA DISTRIBUTION:

Inland Production Company (Mail 6 copies)
Rt #3 Box 3630
Myton, UT 84052
Attn: Brad Mecham

Inland Production Company (Mail 6 copies,
EXPRESS)
410 17th St., Suite 700
Denver, CO 80202
Attn: Madalyn M. Runge

Bureau of Land Management (Mail 1 copy)
170 S. 500 East
Vernal, UT 84078
Attn: Ed Forsman

State of Utah
Division of Oil, Gas, & Mining (Mail 1 copy)
1594 W North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

COMPANY CONTACTS:

Pat Wisener (District Drilling Foreman)
(435) 646 3721 office
(435) 646 3031 office fax
(435) 823 7468 cellular
(435) 646 1270 pager

Brad Mecham (District Manager)
(435) 646 3721 office
(435) 646 3031 office fax
(435) 823 6205 cellular
(435) 353 4211 home

Kevin Weller (Operations Manager)
(303) 382-4436 office
(303) 279-7945 home
(303) 358-3080 cellular

PARTNERS:

Coastal Oil & Gas Corp (Mail 1 copy)
Joint Interest Billing
P.O. Box 154
Houston, TX 77001

Key Production Company, Inc (Mail 1 copy)
707 17th Street, Suite 3300
Denver, CO 80202-3404

King Oil & Gas of Texas, Ltd. (Mail 1 Copies)
C/O Robert D. Fry, CPA
402 North Avenue E
Houston, TX 77338

Montana & Wyoming Oil Co. (Mail 1 Copy)
Attn: Robert Balsam
PO Box 1324
Billings, MT 59103
(406) 259 1837 office

John & Bonnie B. Warne (Mail 1 Copy)
626 Cave Rd.
Billings, MT 59101

Bonaventure Resources Inc. (Mail 1 Copy)
215 Lakeside Blvd.
Lakeside, MT 59922

Carol J. Bibler (Mail 1 Copy)
2477 I Road
Grand Junction, CO 81505

Leslie J. Breaux (Mail 1 Copy)
3505 SE Martins
Portland, OR 97202

Vaughey & Vaughey (Mail 1 Copy)
125 S. Congress St., Suite 1840
Jackson, MS 39201
(601) 354 4612

Thomas J. Lambert (Mail 1 Copy)
PO Box 1417
Billings, MT 59103

Carl B. Field (Mail 1 Copy)
PO Box 580
Choteau, MT 59422

Larry R. Simpson (Mail 1 Copy)
PO Box 1195
Kalispell, MT 59903

PARTNERS:

R. Lee Tucker (Mail 1 Copy)
12741 E. Caley, Ste 142
Englewood, Colorado 80111

Edwards & Davis Energy Inc.
R. Lee Tucker (Mail 1 Copy)
P.O. Box 34
Chappell Hill, TX 77426

Devon Energy Co. LP (Mail 1 Copy)
20 N. Broadway, Suite 1500
Oklahoma City, OK 73102-8260

Petro Tech Service Co. (Mail 1 Copy)
3000 N. Garfield, Suite 210
Midland, TX 79701

West Texas Specialty
Consulting Services Inc. (Mail 1 Copy)
PO Box 80362
Midland, TX 79708

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: JONAH FED 2-11

Api No. 43-013-32158 LEASE TYPE: FEDERAL

Section 11 Township 09S Range 16E County DUCHESNE

Drilling Contractor LEON ROSS RATHOLE RIG # 14

SPUDDED:

Date 09/13/2000

Time 11:15 AM

How DRY

Drilling will commence _____

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 09/14/2000 Signed: CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU-096550

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Jonah Fed. 2-11-9-16

9. API Well No.

43-013-32158

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

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

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

**491.6' FNL & 2075.1' FEL NW/NE
Sec.11, T9S, R16E**

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 Surface Spud
 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.)*

MIRU Leon Ross RIG # 14. Drill mouse hole & rat hole. Spud well @ 11:45am on 9/13/00. Drill 12 1/4" hole with air mist to a depth of 307". TIH w/ 85/8" J-55 csg. Landed @ 292.85' KB. On 9/16/00 Cement with *155 sks class "G" w/ 2% CaCL2 & 1/4#/sk Cello-flake mixed @ 15.8ppg.>1.17 YLD. Estimated 8 bbls cement to surface. Wait on drilling rig.

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

Signed

[Signature]

Title

Drilling Foreman

Date

09/18/2000

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

CC: UTAH DOGM

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 292.85

LAST CASING 8 5/8" SET AT 292.85
 DATUM 10' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 307 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Jonah 2-11-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Union # 14

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					3.7
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	281
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			286.55
TOTAL LENGTH OF STRING		286.55	7	LESS CUT OFF PIECE			3.7
LESS NON CSG. ITEMS		5.55		PLUS DATUM TO T/CUT OFF CSG			10
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			292.85
TOTAL		281		} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		281	7				
TIMING		1ST STAGE		GOOD CIRC THRU JOB <u>yes</u>			
BEGIN RUN CSG.		5:00am		Bbls CMT CIRC TO SURFACE <u>8 bbls</u>			
CSG. IN HOLE		6:00am		RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN CIRC		8:22am		DID BACK PRES. VALVE HOLD ? <u>N/A</u>			
BEGIN PUMP CMT		8:46am		BUMPED PLUG TO <u>132</u> PSI			
BEGIN DSPL. CMT		9:00am					
PLUG DOWN		9:10am					

CEMENT USED		CEMENT COMPANY- BJ	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	155	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	
		<i>RECEIVED</i>	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third for 3			
		<i>RECEIVED</i>	

P. 02
 FAX NO. 435 646 3031
 INLAND PRODUCTION CO
 SEP-25-00 MON 03:13 PM

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

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

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B X	99999	12391	43-013-32134	Tar Sands Federal #11-28	NE/SW	28	8S	17E	Duchesne	August 27, 2000	8/27/2000

WELL 1 COMMENTS:

9-26-00

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	12890	43-013-31670	South Wells Draw #15-34	SW/SE	34	8S	16E	Duchesne	September 5, 2000	09/05/2000

WELL 2 COMMENTS:

9-26-00

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	11492	43-013-32158	Jonah #2-11	NW/NE	11	9S	16E	Duchesne	September 13, 2000	09/13/2000

WELL 3 COMMENTS:

9-26-00

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B X	99999	11492	43-013-32159	Jonah #3-11	NE/NW	11	9S	16E	Duchesne	September 14, 2000	09/14/2000

WELL 4 COMMENTS:

9-26-00

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B X	99999	11492	43-013-32157	Jonah #1-11	NE/NE	11	9S	16E	Duchesne	September 18, 2000	09/18/2000

WELL 5 COMMENTS:

9-26-00

ACTION CODES: See instructions on back of form.

- A - Establish new entity for new well (change in ownership)
- B - Add new well to existing entity (change in ownership)
- C - Cancel or terminate existing entity to enter existing well
- D - Release well from the existing entity to a new entity
- E - Other (see comments section)

NOTE: Use COMMENT codes to describe each ACTION CODE (see back of form)

Keblin S. Jones
 Production Clerk
 Title

Keblin S. Jones

September 26, 2000
 Date

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
UTU-096550

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Jonah Fed. 2-11-9-16

9. API Well No.
43-013-32158

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
**491.6' FNL & 2075.1' FEL NW/NE
Sec. 11, T9S, R16E**

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

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

MIRU Leon Ross RIG # 14. Drill mouse hole & rat hole. Spud well @ 11:45am on 9/13/00. Drill 12 1/4" hole with air mist to a depth of 307". TIH w/ 85/8" J-55 csg. Landed @ 292.85' KB. On 9/16/00 Cement with *155 sks class "G" w/ 2% CaCL2 & 1/4#/sk Cello-flake mixed @ 15.8ppg.>1.17 YLD. Estimated 8 bbls cement to surface. Wait on drilling rig.

MIRU Union Rig #14 on 9/20/00. Nipple up BOP's. Test BOP's, Kelly, Choke Manifold, TIW, to 2,000 psi. Test 85/8" CSGN. to 1,500 psi. Test was witnessed by Ray Arnold, Vernal District BLM. State was notified by phone. Drill 77/8" hole with air mist to a depth of 3815'. TOH with drill string & BHA. PU & MU bit#2, MM, & BHA. Drill 7 7/8" hole with water based mud to a depth of 4615'

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

Signed

[Signature]

Title

Drilling Foreman

Date

09/25/2000

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any

CC: UTAH DOGM

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 292.85

LAST CASING 8 5/8" SET AT 292.85
 DATUM 10' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 307 LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company
 WELL Jonah 2-11-9-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Union # 14

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					3.7
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	281
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			286.55
TOTAL LENGTH OF STRING		286.55	7	LESS CUT OFF PIECE			3.7
LESS NON CSG. ITEMS		5.55		PLUS DATUM TO T/CUT OFF CSG			10
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			292.85
TOTAL		281		} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		281	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		5:00am		GOOD CIRC THRU JOB <u>yes</u>			
CSG. IN HOLE		6:00am		Bbls CMT CIRC TO SURFACE <u>8 bbls</u>			
BEGIN CIRC		8:22am		RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		8:46am		DID BACK PRES. VALVE HOLD ? <u>N/A</u>			
BEGIN DSPL. CMT		9:00am		BUMPED PLUG TO <u>132</u> PSI			
PLUG DOWN		9:10am					
CEMENT USED		CEMENT COMPANY- BJ					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	155	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Pat Wisener

DATE 09/16/2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
491.6' FNL & 2075.1' FEL NW/NE
Sec.11, T9S, R16E

5. Lease Designation and Serial No.
UTU-096550

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Jonah Fed. 2-11-9-16

9. API Well No.
43-013-32158

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
Duchesne County, UTAH

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

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

Con't to drill 77/8" hole with water based mud to a depth of 5621'. Lay down drill string & BHA. Open hole log. PU & MU 1jt 5 1/2" csgn. Float collar, 131 jt's 5 1/2" 15.5# J-55 csgn. Set @ 5595'/KB. Cement with the following; *275 sks Premlite II w/10% GEL. & 3% KCL mixed to 11.ppg >3.43 YLD. *400 sks 50/50 POZ w/3% GEL. & 3% KCL mixed to 14.4 ppg. >1.23YLD. Good returns. Bump plug to 2075psi. Nipple down BOP's. Drop slips with 72,000#. Release rig @ 4:30am on 9/26/00. WOC.

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

Signed *Pat Wisener* Title Drilling Foreman Date 10/02/2000

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5595.54

TPBD 5559

LAST CASING 8 5/8" SET AT 292.85

OPERATOR Inland Production Company

DATUM 10' KB

WELL Jonah 2-11-9-16

DATUM TO CUT OFF CASING _____

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # Union # 14

TD DRILLER 5621' LOGGER 5617'

HOLE SIZE 7 7/8"

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					14
131	5 1/2"	Maverick LT&C csg	15.5#	J-55	8rd	A	5549.33
		Float collar (auto fill)			8rd	A	0.95
1	5 1/2"	Maverick LT&C csg	15.5#	J-55	8rd	A	34.36
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5599.54
TOTAL LENGTH OF STRING		5599.54	132	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.85		PLUS DATUM TO T/CUT OFF CSG			10
PLUS FULL JTS. LEFT OUT		87.83	2	CASING SET DEPTH			5595.54
TOTAL		5671.52	134	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		5671.52	134				
TIMING		1ST STAGE	2nd STAGE				
BEGIN RUN CSG.		7:30pm		GOOD CIRC THRU JOB			yes
CSG. IN HOLE		10:15pm		Bbls CMT CIRC TO SURFACE			38 bbls dye
BEGIN CIRC		10:30pm	11:36pm	RECIPROCATED PIPE FOR <u>10MINS</u> THRU <u>7'</u> FT STROKE			
BEGIN PUMP CMT		11:46pm	12:07am	DID BACK PRES. VALVE HOLD ? <u>YES</u>			
BEGIN DSPL. CMT			12:28am	BUMPED PLUG TO			<u>2075</u> PSI
PLUG DOWN			12:45am				
CEMENT USED		CEMENT COMPANY- BJ					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	275	Prem Lite II w/ 10% GEL & 3% KCL mixed to 11.0 ppg > 3.43 YLD					
2	400	50/50 POZ w/ 2% GEL & 3% KCL mixed to 14.4 ppg > 1.23 YLD					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Pat Wisener

DATE 09/26/2000

j
(July 1992)

SUBMIT IN DUPLICATE* FORM APPROVED

(See other instructions on reverse side)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

UTU - 096550

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
JONAH UNIT

8. FARM OR LEASE NAME, WELL NO.

JONAH FEDERAL 2-11

9. API WELL NO.

43-013-32158

10. FIELD AND POOL OR WILDCAT

MONUMENT BUTTE

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SEC. 11 - T9S - R16E

12. COUNTY OR PARISH

DUCHESNE

13. STATE

UT

14. PERMIT NO.

43-013-32158

DATE ISSUED

06/06/00

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

1b. TYPE OF WELL

NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

2. NAME OF OPERATOR

INLAND RESOURCES INC.

3. ADDRESS AND TELEPHONE NO.

410 17th St. Suite 700 Denver, CO 80202

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

At Surface

492' FNL & 2075' FNL (NW NE) SECTION 11 - 9S - 16E

At top prod. Interval reported below

At total depth

15. DATE SPUNDED

09/13/00

16. DATE T.D. REACHED

09/26/00

17. DATE COMPL. (Ready to prod.)

11/06/00

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

5546' GR

19. ELEV. CASINGHEAD

5546

20. TOTAL DEPTH, MD & TVD

5621'

21. PLUG BACK T.D., MD & TVD

5552'

22. IF MULTIPLE COMPL., HOW MANY*

RECEIVED

5556' KB

23. INTERVALS ROTARY TOOLS

CABLE TOOLS

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

Green River

DEC 14 2000

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

10-13-00 DIGLSPICBL/GR/CL-10-23-00 DIVISION OF OIL, GAS AND MINING

27. WAS WELL CORED

No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	292.85	12-1/4	Class "G" w/ 2% CaCL2	
5-1/2	15.5#	5596	7-7/8	400sks 50/50 Poz w/2% Gel	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8	EOT @	TA @
	5430.36	5331.78

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	JSPF	NUMBER
(D1 sds) 4736-4741'	4	20
(B2 sds) 5027-5032'	4	20
(LODC sds) 5360-5369'	4	36

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4736-4741'	Frac D1 sds w/28,120# 20/40 in 288bbls fluid
5027-5032'	Frac B2 sds w/25,800# 20/40 in 227 bbls fluid
5360-5369'	Frac LODC sd w/45,000#20/40 in 346 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
11-6-2000	2-1/2" x 1-1/2" x 16' RHAC Pump	PRODUCING					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day average				104	103.2	5.1	992
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

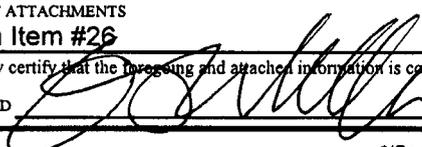
Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs In Item #26

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

SIGNED  TITLE Senior Operations Engineer DATE 12/8/00

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			JONAH 2-11-9-16	Garden Gulch Mkr	3699	
				Garden Gulch 2	4021	
				Point 3 Mkr	4272	
				X Mkr	4536	
				Y-Mkr	4570	
				Douglas Creek Mkr	4694	
				BiCarbonate Mkr	4934	
				B Limestone Mkr	5058	
				Castle Peak	5552	
				Basal Carbonate	0	
				Total Depth (LOGGERS)	5617	

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.
UTU-096550

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
JONAH

8. Well Name and No.
JONAH FED 2-11

9. API Well No.
43-013-32158

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTA

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
INLAND PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
492 FNL 2075 FEL NW/NE Section 11, T9S R16E

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 checked="" 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 type="checkbox"/> Other _____
	<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.)*

Subject well had recompletion procedures initiated in the Green River formation on 10/29/02. Existing production equipment was pulled from well. A bit & scraper was ran in well. One new Green River interval were perforated and hydraulically fracture treated as follows: Stage #1: GB4 sds @ 4190'-4204' & GB6 sds @ 4234'-4236', 4238'-4242', 4246'-4248' and 4252'-4256' (All 4 JSPF) fraced down 5 1/2" 15.5# csg W/ 81,949# 20/40 mesh sand in 602 bbls Viking I-25 fluid. Frac was flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. Bridge plug was removed from wellbore. BHA & production tbg were ran and anchored in well W/ tbg anchor @ 5329', pump seating nipple @ 5365' and end of tubing string @ 5428'. A repaired rod pump was ran in well on sucker rods. Well returned to production via rod pump on 11/2/02.

RECEIVED

NOV 05 2002

**DIVISION OF
OIL, GAS AND MINING**

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

Signed *Gary Dietz* Title Completion Foreman Date 11/4/2002
 Gary Dietz

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

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



Office of the Secretary of State

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

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

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



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

Secretary of State

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

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

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

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

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

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

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

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

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

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

INLAND RESOURCES INC.

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

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

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		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:** **JONAH (GREEN RIVER)**

WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
JONAH FED 1-11	11	090S	160E	4301332157	11492	Federal	WI	A
JONAH FED 2-11	11	090S	160E	4301332158	11492	Federal	OW	P
JONAH FED 3-11	11	090S	160E	4301332159	11492	Federal	WI	A
JONAH 4-11-9-16	11	090S	160E	4301332279	11492	Federal	OW	P
JONAH UNIT 4-12	12	090S	160E	4301332180	11492	Federal	OW	P
JONAH FED 9-12-9-16	12	090S	160E	4301332430	11492	Federal	OW	P
JONAH FED 16-12-9-16	12	090S	160E	4301332431	11492	Federal	OW	P
JONAH FED 15-12-9-16	12	090S	160E	4301332627		Federal	OW	APD
JONAH UNIT 8-14-9-16	14	090S	160E	4301332054	11492	Federal	OW	P
JONAH 5-14-9-16	14	090S	160E	4301332336	11492	Federal	OW	P
JONAH 6-14-9-16	14	090S	160E	4301332337	11492	Federal	OW	P
JONAH 7-14-9-16	14	090S	160E	4301332338	11492	Federal	OW	P
JONAH FED 9-14-9-16	14	090S	160E	4301332661		Federal	OW	APD
JONAH FED 10-14-9-16	14	090S	160E	4301332662		Federal	OW	APD
JONAH 8-7	07	090S	170E	4301331989	11492	Federal	WI	A

K
K
K
K
K
K
K

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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



March 26, 2010

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Jonah Federal #2-11-9-16
Monument Butte Field, Lease #U-096550
Section 11-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the Jonah Federal #2-11-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal line extending to the right.

Eric Sundberg
Regulatory Analyst

RECEIVED

APR 14 2010

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
JONAH FEDERAL #2-11-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #U-096550
March 26, 2010

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ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
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ATTACHMENT H-1	WELBORE DIAGRAM OF PROPOSED PLUGGED WELL

Jonah Federal #2-11-9-16

Spud Date: 9/13/00
 Put on Production: 11/06/00
 GL: 5546' KB: 5556'

Initial Production: 104 BOPD,
 103 MCFD, 5 BWPD

Proposed Injection
 Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (286.55')
 DEPTH LANDED: 293'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 155 sxs Class "G" cmt

Casing shoe @ 293'

Cement top @ 350'

PRODUCTION CASING

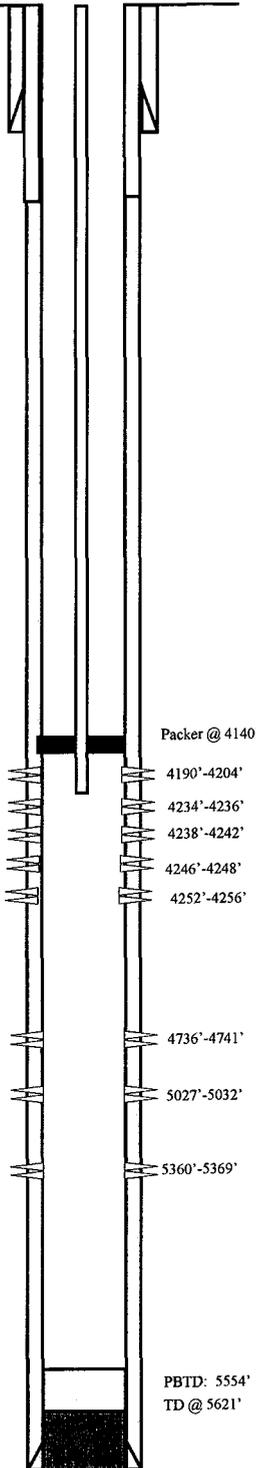
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5599.54')
 DEPTH LANDED: 5599.54'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 150 jts
 SEATING NIPPLE: 2-3/8" (1.10')
 SN LANDED AT: 4700' KB
 PACKER: 4704' KB
 TOTAL STRING LENGTH: EOT @ 4709'

FRAC JOB

11/01/00	5360'-5369'	Frac LoDC sands as follows: 45,000# 20/40 sand in 346 bbls Viking I-25 fluid. Treated @ avg press of 2500 psi w/ avg rate of 25 BPM. ISIP - 2640 psi. Calc. flush: 5360 gal. Actual flush: 5292 gal.
11/01/00	5027'-5032'	Frac B2 sands as follows: 25,800# 20/40 sand in 227 bbls Viking I-25 fluid. Treated @ avg press of 2400 psi w/ avg rate of 25 BPM. ISIP 2000 psi. Calc. flush: 5027 gal. Actual flush: 4956 gal.
11/01/00	4736'-4741'	Frac D1 sands as follows: 28,120# 20/40 sand in 288 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/ avg rate of 25.5 BPM. ISIP 2200 psi. Calc. flush: 4736 gal. Actual flush: 4662 gal.
10/31/02	4190'-4256'	Frac GB4 and GB6 sands as follows: 81,949# 20/40 sand in 602 bbls Viking I-25 fluid. Treated @ avg pressure of 1925 psi w/ avg rate of 25 BPM. ISIP 2080 psi. Calc. flush: 4190. Actual flush: 4116.
12/23/05		Tubing leak. Update rod and tubing details.
12-18-07		Parted rods. Updated rod & tubing details.
7/21/08		parted rods. Updated tubing and rod detail.
1-3-09		Parted Rods. Updated rod & tubing details.



PERFORATION RECORD

Date	Interval	Tool	Holes
11/01/00	5360'-5269'	4 JSPF	36 holes
11/01/00	5027'-5032'	4 JSPF	20 holes
11/01/00	4736'-4741'	4 JSPF	20 holes
10/30/02	4252'-4256'	4 JSPF	16 holes
10/30/02	4246'-4248'	4 JSPF	8 holes
10/30/02	4238'-4242'	4 JSPF	16 holes
10/30/02	4234'-4236'	4 JSPF	8 holes
10/30/02	4190'-4204'	4 JSPF	56 holes

NEWFIELD

Jonah Federal #2-11-9-16
 492 FNL & 2075 FWL
 NW/NE Section 11-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32158; Lease #U-096550

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquefied petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Jonah Federal #2-11-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Jonah Federal #2-11-9-16 well, the proposed injection zone is from Garden Gulch to TD (4020' - 5621'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, whichever is shallower. The Garden Gulch Marker top is at 3698' and the TD is at 5621'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Jonah Federal #2-11-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #U-096550) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**

- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 293' KB, and 5-1/2", 15.5# casing run from surface to 5595' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1967 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Jonah Federal #2-11-9-16, for existing perforations (4190' - 5369') calculates at 0.83 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1967 psig. We may add additional perforations between 3698' and 5621'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Jonah Federal #2-11-9-16, the proposed injection zone (4020' - 5621') is in the Garden Gulch to Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-12.

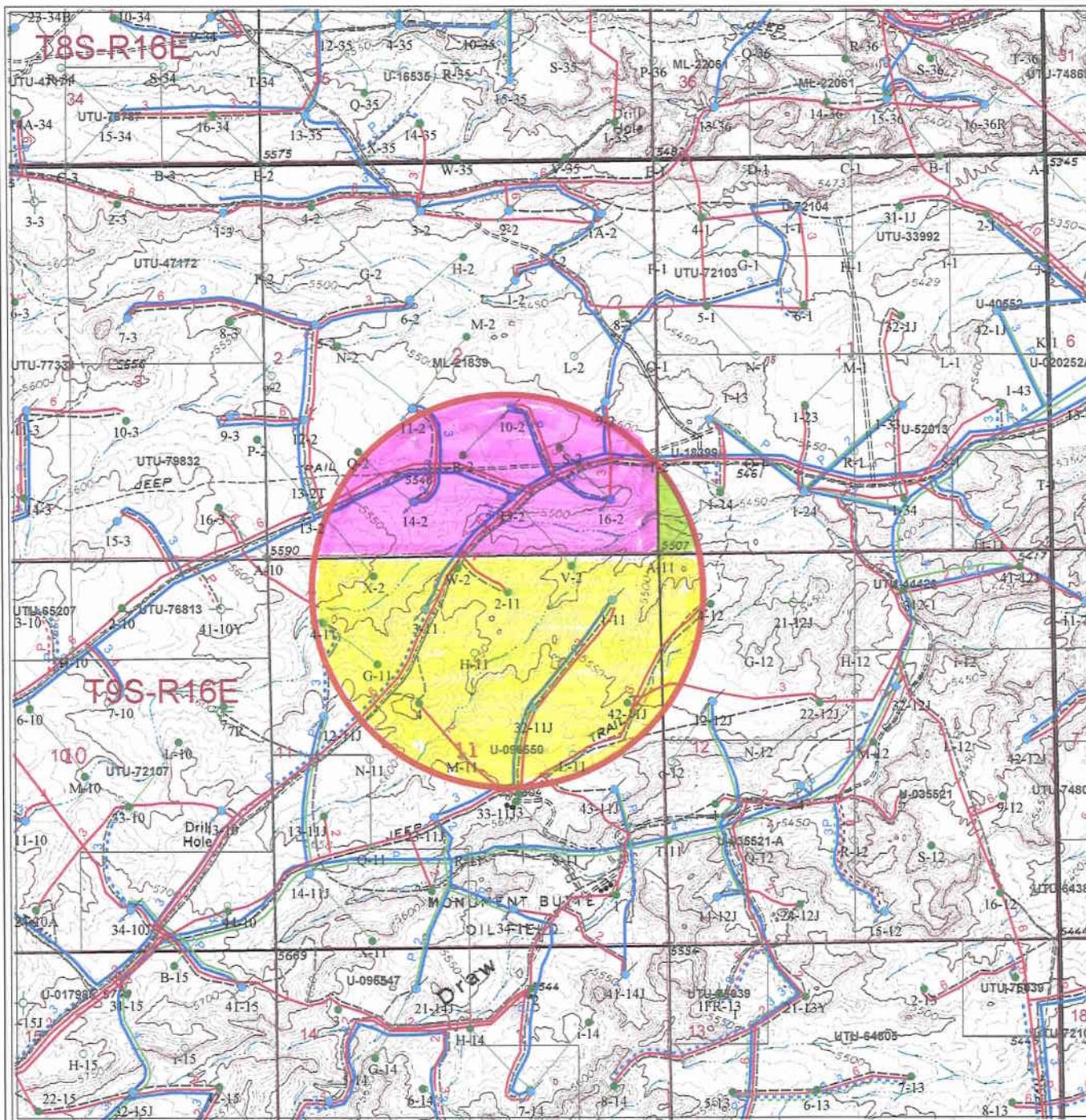
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



2-11-9-16 1/2mile radius

Well Status

- Location
- CTI
- Surface Spud
- Drilling
- Waiting on Completion
- Producing Oil Well
- Producing Gas Well
- Water Injection Well
- Dry Hole
- Temporarily Abandoned
- Plugged & Abandoned
- Shut In

Injection system

- high pressure
- low pressure
- proposed
- return
- return proposed

Leases

- Leases
- Mining tracts

Gas Pipelines

- Gathering lines
- Proposed lines

U-096550
 U-18399
 ML-21839

RECEIVED

JUN 29 2010

DIV. OF OIL, GAS & MINING

Jonah Federal 2-11-9-16
 Section 11, T9S-R16E

NEWFIELD

ROCKY MOUNTAINS

1" = 2000'

1/2 Mile Radius Map
 Duchesne & Uintah Counties

1001 17th Street Suite 2000
 Denver, Colorado 80202
 Phone: (303) 893-0102

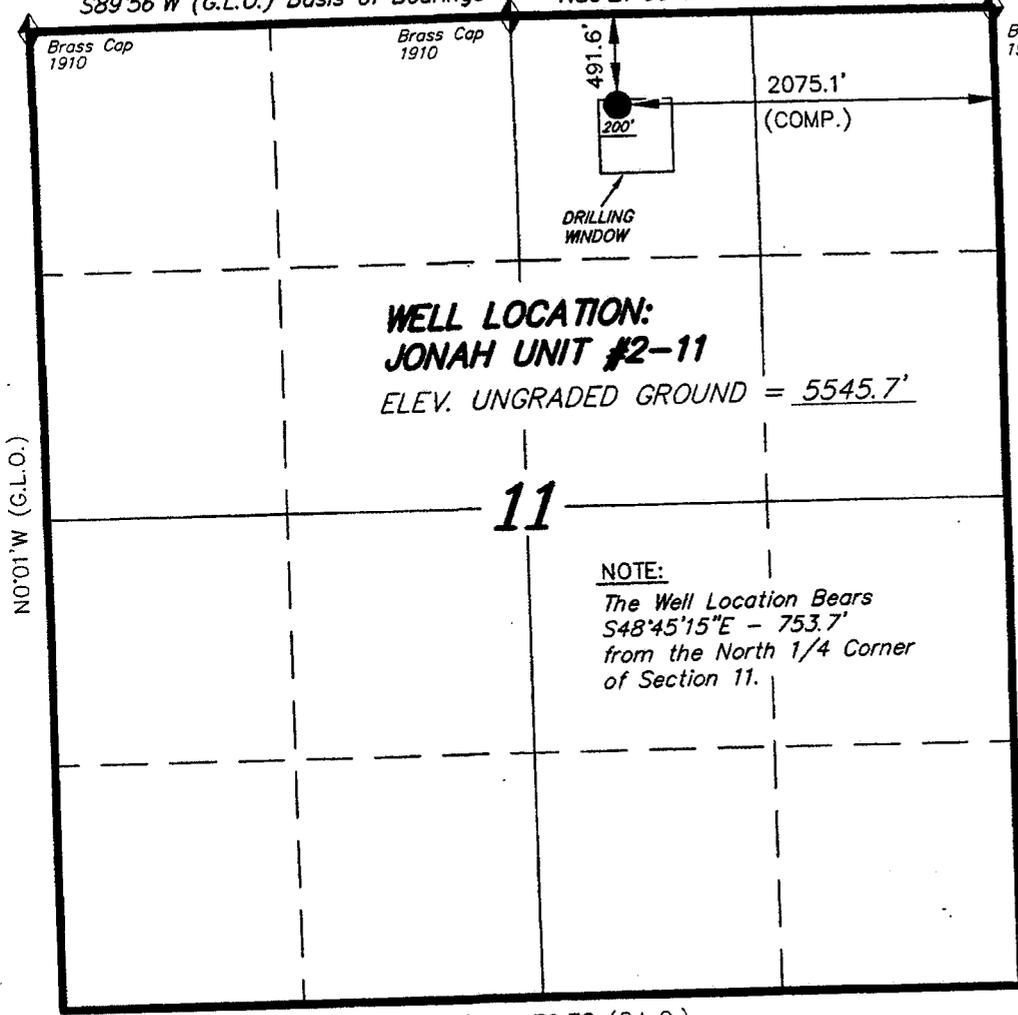
June 22, 2010

T9S, R16E, S.L.B.&M.

S89°56'W - 79.80 (G.L.O.)

2625.71' (Measured)
S89°56'W (G.L.O.) Basis of Bearings

N89°27'09"W - 2641.52' (Meas.)



INLAND PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT #2-11,
LOCATED AS SHOWN IN THE NW 1/4 NE
1/4 OF SECTION 11, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

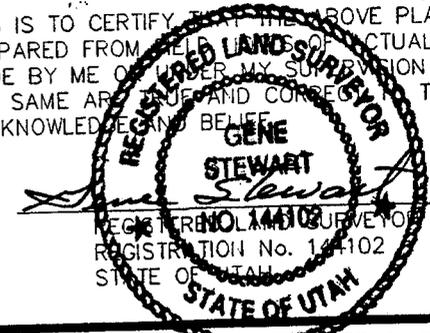


RECEIVED

MAY 22 2000

DIVISION OF
OIL, GAS AND MINING

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM THE BEST 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.



TRI STATE LAND SURVEYING & CONSULTING
38 WEST 100 NORTH - VERNAL, UTAH 84078
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: C.D.S.
DATE: 4/18/00	WEATHER: FAIR
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

EXHIBIT B

Page 1 of 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 9 South, Range 16 East</u> Section 11: E2, NW, NESW Section 12: NW Section 14: N2NE, SENE, NESE	U-096550 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA
2.	<u>Township 9 South, Range 16 East</u> Section 1: SW	U-18399 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

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JUN 29 2010

DIV. OF OIL, GAS & MINING

EXHIBIT B
Page 2 of 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
3.	<u>Township 9 South, Range 16 East</u> Section 2: Lots 1-4, S2N2, S2	ML-21839 HBP	Newfield Production Company 1001 17 th St. Suite 2000 Denver, CO 80202 Davis Bros LLC Davis Resources 110 West 7 th St. Suite 1000 Tulsa, OK 74119 AGK Energy LLC. 624 Wellesley Houston, TX 77024 Raymond H. Brennan 104 Lee Lane Bellville, TX 77418 Marian Brennan 104 Lee Lane Bellville, TX 77418 Deer Valley Ltd. 800 Bering Drive #305 Houston TX 77057 International Drilling Inc 7710-T Cherry Park PMB 503 Houston, TX 77095 Thomas I Jackson 7710-T Cherry Park PMB 503 Houston, TX 77095	(Surface Rights) STATE

RECEIVED
JUN 29 2010
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ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Jonah Federal #2-11-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

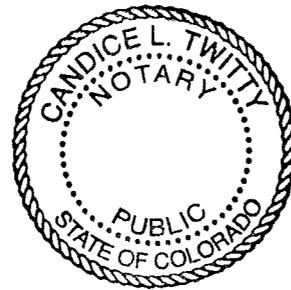
Signed: *Eric Sundberg*
Newfield Production Company
Eric Sundberg
Regulatory Analyst

Sworn to and subscribed before me this 29th day of March, 2010.

Notary Public in and for the State of Colorado: *Candice L. Twitty*

My Commission Expires
02/10/2013

My Commission Expires: _____



Jonah Federal #2-11-9-16

Spud Date: 9/13/00
 Put on Production: 11/06/00
 GL: 5546' KB: 5556'

Initial Production: 104 BOPD,
 103 MCFD, 5 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (286.55')
 DEPTH LANDED: 293'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 155 sxs Class "G" cmt

Casing shoe @ 293'

Cement top @ 350'

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5599.54')
 DEPTH LANDED: 5595.54'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.
 Top of Cement @ 350'

TUBING

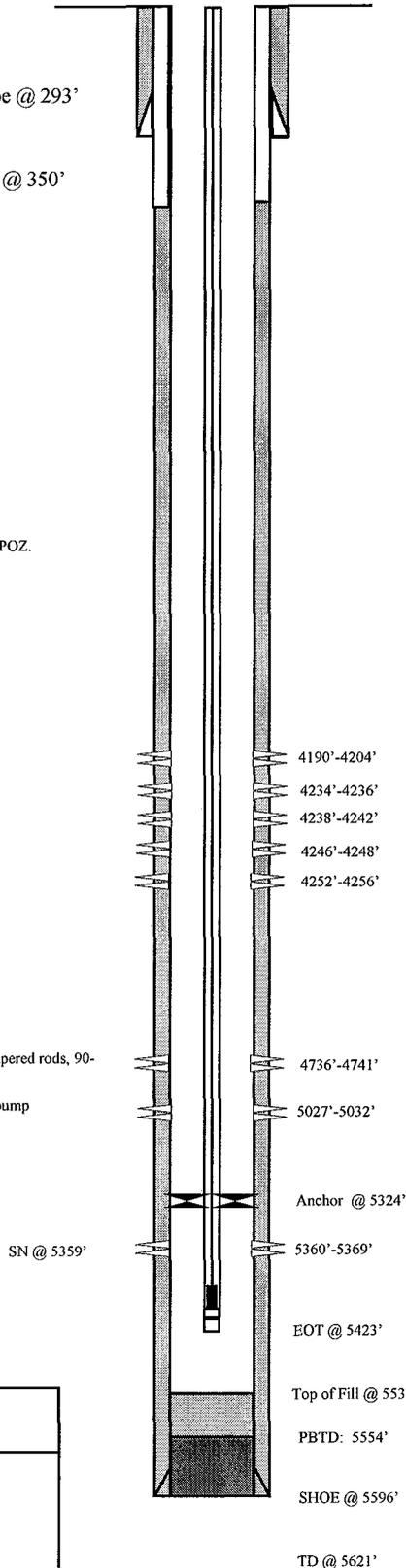
SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 170 jts (5313.65')
 TUBING ANCHOR: 5323.65' KB
 NO. OF JOINTS: 1 jt (32.62')
 SEATING NIPPLE: 2-3/8" (1.10')
 SN LANDED AT: 5359.07' KB
 NO. OF JOINTS: 2 jts (62.65')
 TOTAL STRING LENGTH: EOT @ 5423.27' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod
 SUCKER RODS: 1-8", 1-4", 1-2" x 3/4" pony rods, 92-3/4" scraped rods, 90-3/4" plain rods, 25-3/4" scraped rods, 6-1 1/2" weight rods
 PUMP SIZE: Axelson, 2 1/2" x 1 1/2" x 15.5" RHAC Cent Hyd pump
 STROKE LENGTH: 64"
 PUMP SPEED, SPM: 4 SPM

FRAC JOB

11/01/00	5360'-5369'	Frac LoDC sands as follows: 45,000# 20/40 sand in 346 bbls Viking I-25 fluid. Treated @ avg press of 2500 psi w/ avg rate of 25 BPM. ISIP - 2640 psi. Calc. flush: 5360 gal. Actual flush: 5292 gal.
11/01/00	5027'-5032'	Frac B2 sands as follows: 25,800# 20/40 sand in 227 bbls Viking I-25 fluid. Treated @ avg press of 2400 psi w/avg rate of 25 BPM. ISIP 2000 psi. Calc. flush: 5027 gal. Actual flush: 4956 gal.
11/01/00	4736'-4741'	Frac D1 sands as follows: 28,120# 20/40 sand in 288 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/avg rate of 25.5 BPM. ISIP 2200 psi. Calc. flush: 4736 gal. Actual flush: 4662 gal.
10/31/02	4190'-4256'	Frac GB4 and GB6 sands as follows: 81,949# 20/40 sand in 602 bbls Viking I-25 fluid. Treated @ avg pressure of 1925 psi w/avg rate of 25 BPM. ISIP 2080 psi. Calc. flush: 4190. Actual flush: 4116.
12/23/05		Tubing leak. Update rod and tubing details.
12-18-07		Parted rods. Updated rod & tubing details.
7/21/08		parted rods. Updated tubing and rod detail.
1-3-09		Parted Rods. Updated rod & tubing details.



PERFORATION RECORD

Date	Depth Range	Tool	Holes
11/01/00	5360'-5269'	4 JSPF	36 holes
11/01/00	5027'-5032'	4 JSPF	20 holes
11/01/00	4736'-4741'	4 JSPF	20 holes
10/30/02	4252'-4256'	4 JSPF	16 holes
10/30/02	4246'-4248'	4 JSPF	8 holes
10/30/02	4238'-4242'	4 JSPF	16 holes
10/30/02	4234'-4236'	4 JSPF	8 holes
10/30/02	4190'-4204'	4 JSPF	56 holes

NEWFIELD

Jonah Federal #2-11-9-16

492 FNL & 2075 FWL

NW/NE Section 11-T9S-R16E

Duchesne Co, Utah

API #43-013-32158; Lease #U-096550

Monument Butte State 10-2-9-16

Spud Date: 10/6/96
 Put on Production: 2/13/97
 GL: 5515' KB: 5528'

Initial Production: 102 BOPD,
 120 MCFPD, 11 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (294.51')
 DEPTH LANDED: 293.91' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sks Premium Plus cmt, est 10 bbls to surf.

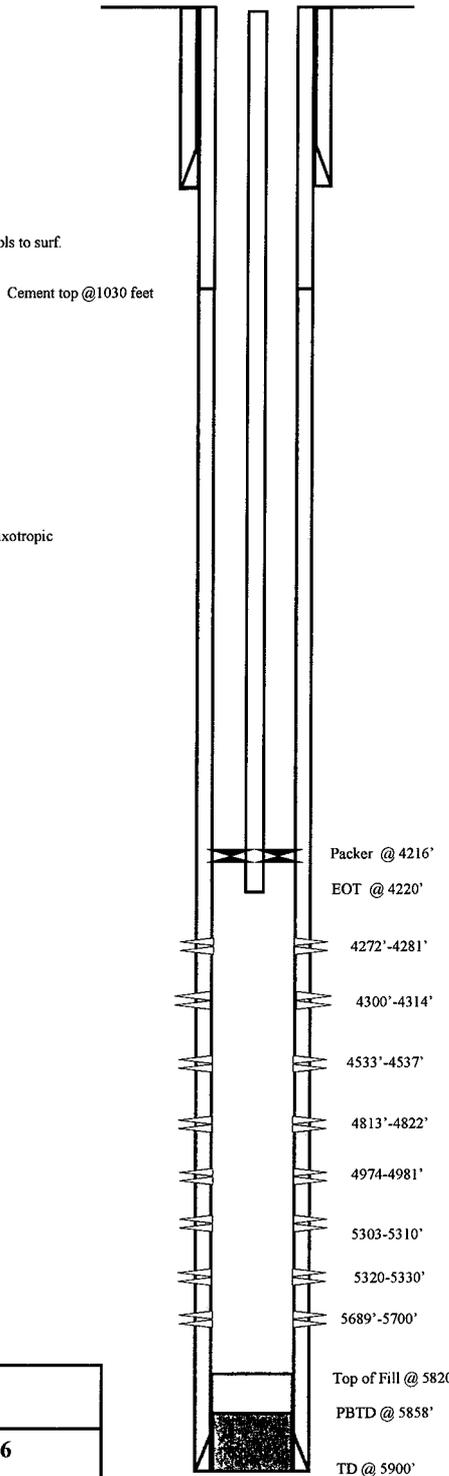
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (5895.61')
 DEPTH LANDED: 5893.61'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 355 sks Hibond mixed & 340 sks thixotropic
 CEMENT TOP AT: 1030' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 135 jts (4198.31')
 SN LANDED AT: 4211.31' KB
 CE @ 4215.66'
 TOTAL STRING LENGTH: EOT @ 4219.76' KB

Injection Wellbore Diagram



FRAC JOB

2/5/97	5689'-5700'	Frac CP-1 sand as follows: 112,700# of 20/40 sand in 568 bbls of Boragel. Breakdown @ 3720 psi. Treated @ avg rate of 24.1 bpm w/avg press of 1450 psi. ISIP-2223 psi.
2/7/97	4813'-4822'	Frac D-1 sand as follows: 87,500# of 20/40 sand in 492 bbls of Boragel. Breakdown @ 3750 psi. Treated @ avg rate of 23.8 bpm w/avg press of 2100 psi. ISIP-2526 psi.
2/10/97	4533'-4537'	Frac PB-10 zone as follows: 98,400# of 20/40 sand in 529 bbls of Boragel. Breakdown @ 3000 psi. Treated @ avg rate of 20 bpm w/avg press of 2450 psi. ISIP-3860 psi.
11/21/02	4272'-4314'	Frac GB Sands as Follows: 45,220# of 20/40 sd in 376 bbls of Viking I-25 fluid. Treated @ avg press of 1985 & avg rate of 25.8 bpm ISIP- 2180 psi. Calc. flush: 4272 gals. Actual flush: 4200 gals
06/06/07	5303-5330'	Frac A3 sands as follows: 20921# 20/40 sand in 207 bbls Lightning 17 frac fluid. Treated @ avg press of 3457 psi w/avg rate of 13. BPM. ISIP 2007 psi. Calc flush: 2857 gal. Actual flush: 1302 gal
06/06/07	4974-4981'	Frac C sands as follows: 15666# 20/40 sand in 184 bbls Lightning 17 frac fluid. Treated @ avg press of 3983 psi w/avg rate of 14.3. BPM. ISIP 1876 psi. Calc (No EOT for the Calc flush) flush: ? gal. Actual flush: 1260 gal
7/17/08		Pump change. Updated rod and tubing detail
09-09-08		Convert to Injection Well
09-11-08		MIT Completed - tbg detail updated

PERFORATION RECORD

02/04/97	5689'-5700'	4 JSFP	44 holes
02/06/97	4813'-4822'	4 JSFP	36 holes
02/08/97	4533'-4537'	4 JSFP	16 holes
11/21/02	4300'-4314'	4 JSFP	56 holes
11/21/02	4272'-4281'	4 JSFP	36 holes
06/04/07	5320-5330'	4 JSFP	40 holes
06/04/07	5303-5310'	4 JSFP	28 holes
06/04/07	4974-4981'	4 JSFP	28 holes

NEWFIELD

Monument Butte State #10-2-9-16

1980 FSL & 1980 FEL
 NWSE Section 2-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31565; Lease #ML-21839

Monument Butte St. #8-2-9-16

Spud Date: 10/06/95
 Put on Production: 12/02/95
 GL: 5447' KB: 5461'

Initial Production: 149 BOPD,
 105 MCFD, 2 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 DEPTH LANDED: 302'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Class "G" cement.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 DEPTH LANDED: 5891'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 225 sxs Hifill & 210 sxs premium Plus.
 CEMENT TOP AT: 552'

TUBING

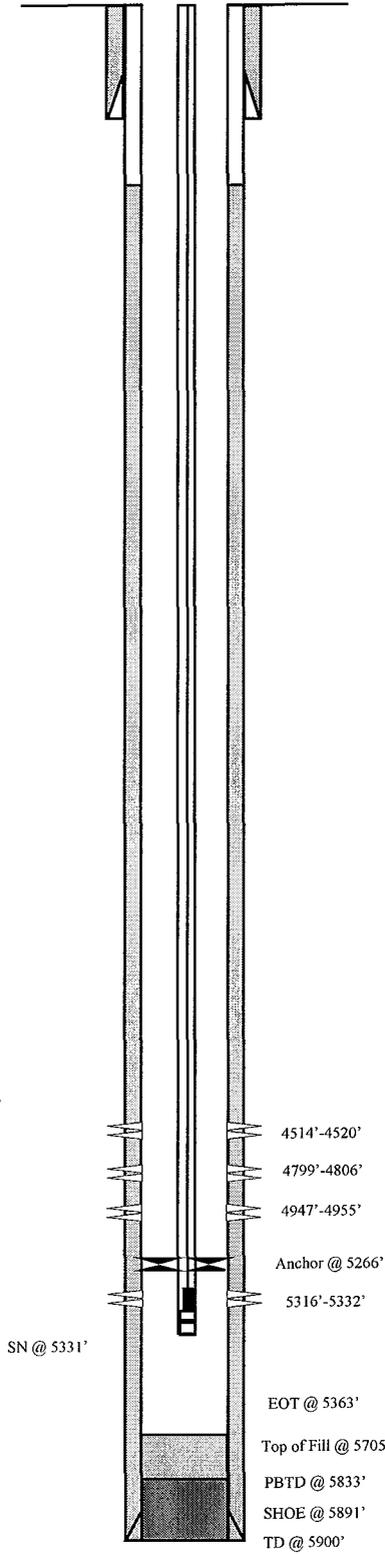
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 165 jts (5265.86')
 TUBING ANCHOR: 5265.9' KB
 NO. OF JOINTS: 2 jts (62.34')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5331.0' KB
 NO. OF JOINTS: 1 jts (31.75')
 TOTAL STRING LENGTH: EOT @ 5362.8' W/13'KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 6-1 1/2" weight bars; 18-3/4" scraped rods, 92-3/4" scraped rods, 96-3/4" plain rods, 1-4', 1-8' x 3/4" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC
 STROKE LENGTH: 72"
 PUMP SPEED, SPM:



Monument Butte St. #8-2-9-16
 2078' FNL & 463' FEL
 SENE Section 2-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31509; Lease #ML-21839



FRAC JOB

11/22/95	5316'-5332'	Frac A3 sand as follows: 70,700# 20/40 sand in 537 bbls Boragel. Treated @ avg press of 2400 psi w/avg rate of 31.5 BPM. ISIP 2280 psi. Calc. flush: 5316 gal. Actual flush: 5233 gal.
11/25/95	4947'-4955'	Frac C-sd sand as follows: 47,000# 20/40 sand in 443 bbls Boragel. Treated @ avg press of 2200 psi w/avg rate of 27 BPM. ISIP 2130 psi. Calc. flush: 4947 gal. Actual flush: 4858 gal.
11/28/95	4799'-4806'	Frac D1 sand as follows: 48,200# 16/30 sand in 446 bbls Boragel. Treated @ avg press of 2200 psi w/avg rate of 25 BPM. ISIP 2255 psi. Calc. flush: 4799 gal. Actual flush: 4748 gal.
11/01/99		Tubing leak. Update rod and tubing details.
7/09/02	4514'-4520'	Frac PB10 sand as follows: 36,336# 20/40 sand in 347 bbls Viking I-25 fluid. Treated @ avg press of 2225 psi w/avg rate of 25.5 BPM. ISIP 2340 psi. Calc. flush: 4514 gal. Actual flush: 4410 gal.
8/5/03		Pump Change. Update tubing and rod details.
04/14/08		Parted Rods. Rod & tubing detail updated.
8/10/09		Parted rods, Updated rod & tubing details.

PERFORATION RECORD

11/22/95	5316'-5332'	4 JSPF	64 holes
11/25/95	4947'-4955'	4 JSPF	32 holes
11/28/95	4799'-4806'	4 JSPF	28 holes
7/09/02	4514'-4520'	4 JSPF	24 holes

S. Monument Butte S-2-9-16

Spud Date: 10-16-06
 Put on Production: 12-15-06
 GL: 5511' KB: 5523'

Initial Production: BOPD,
 MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (311.39')
 DEPTH LANDED: 323.24' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 142 jts. (6236.08')
 DEPTH LANDED: 6249.33' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
 CEMENT TOP AT: 88'

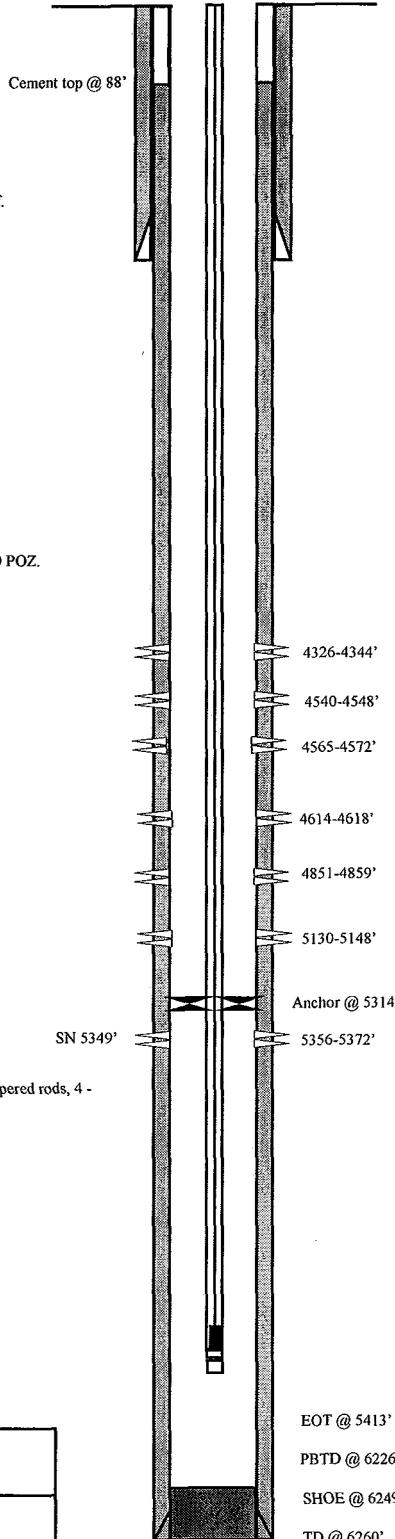
TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 170 jts (5302.14')
 TUBING ANCHOR: 5314.14' KB
 NO. OF JOINTS: 1 jts (31.60')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5348.54' KB
 NO. OF JOINTS: 2 jts (63.36')
 TOTAL STRING LENGTH: EOT @ 5413.45' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM
 SUCKER RODS: 1-8', 1-6', 2-4' x 7/8 pony rods, 100- 7/8" scraped rods, 4- 1 1/2" weight rods.
 PUMP SIZE: 2-1/2" x 1-3/4" x 20' RHAC w/SM plunger
 STROKE LENGTH: 124"
 PUMP SPEED, SPM: 5.5 SPM

Wellbore Diagram



FRAC JOB

11-29-06	5356-5372'	Frac A3 sands as follows: 80166# 20/40 sand in 612 bbls Lightning 17 frac fluid. Treated @ avg press of 1935 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 5354 gal. Actual flush: 4851 gal.
11-29-06	5130-5148'	Frac B2 sands as follows: 80287# 20/40 sand in 603 bbls Lightning 17 frac fluid. Treated @ avg press of 1910 psi w/avg rate of 25 BPM. ISIP 2200 psi. Calc flush: 5128 gal. Actual flush: 4624 gal.
11-29-06	4851-4859'	Frac D1 sands as follows: 24904# 20/40 sand in 329 bbls Lightning 17 frac fluid. Treated @ avg press of 1935 psi w/avg rate of 25 BPM. ISIP 1920 psi. Calc flush: 4849 gal. Actual flush: 4343 gal.
11-29-06	4540-4618'	Frac PB10, & PB11 sands as follows: 65292# 20/40 sand in 506 bbls Lightning 17 frac fluid. Treated @ avg press of 2210 w/ avg rate of 25 BPM. ISIP 2550 psi. Calc flush: 4538 gal. Actual flush: 4032 gal.
11-29-06	4326-4344'	Frac GB6 sands as follows: 85183# 20/40 sand in 596 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 w/ avg rate of 25 BPM. ISIP 2160 psi. Calc flush: 4324 gal. Actual flush: 4200 gal.

PERFORATION RECORD

11-21-06	5356-5372'	4 JSPF	64 holes
11-29-06	5130-5148'	4 JSPF	72 holes
11-29-06	4851-4859'	4 JSPF	32 holes
11-29-06	4614-4618'	4 JSPF	16 holes
11-29-06	4565-4572'	4 JSPF	28 holes
11-29-06	4540-4548'	4 JSPF	32 holes
11-29-06	4326-4344'	4 JSPF	72 holes

NEWFIELD

S. Monument Butte S-2-9-16

748' FSL & 687' FEL

SE/SE Section 2-T9S-R16E

Duchesne Co, Utah

API # 43-013-33219; Lease # ML-21839

South Wells Draw 14-2-9-16

Spud Date: 5/27/2000
 Put on Production: 6/05/2000
 GL: 5547' KB: 5557'

Initial Production: 199 BOPD,
 248 MCFD, 3 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (30.71")
 DEPTH LANDED: 305.71'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 141 sxs Class "G" cmt.

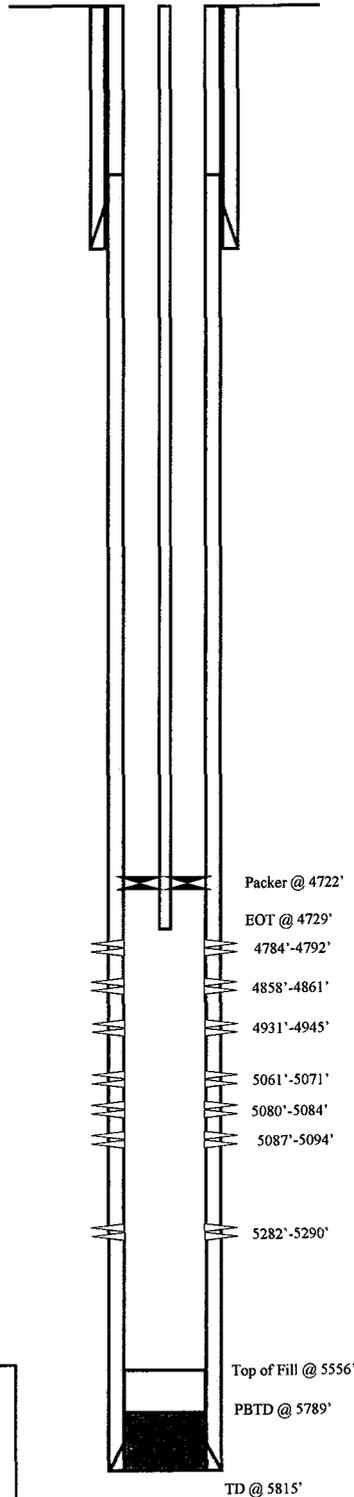
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts. (5800.39")
 DEPTH LANDED: 5798'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 152 jts (4708")
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4004' KB
 CE @ 4721'
 TOTAL STRING LENGTH: EOT @ 4729' KB

Injection Wellbore Diagram



FRAC JOB

5/23/00	5282'-5290'	Frac A sandS as follows: 75,200# 20/40 sand in 477 bbls Viking 1-25 Fluid. Perfs brk back @ 2770 psi. Treated @ avg press of 1500 psi w/ avg rate of 28 BPM. ISIP - 1960 psi, 5 min - 1625 psi. RD BJ. Flow back. A sd frac on 12/64 choke for 3 hrs & died. Rec 99 BTF
5/25/00	5061'-5094'	Frac B sand as follows: 3000 gals of Viking 1-25 pad, 75,200 lbs white 20/40 sand in 11,000 gals Viking 1-25 fluid. 5040 gals flush. Broke down at 2650 psi. 1600 psi avg. ISIP 2150 psi. 5 min 1839 psi. 477 total bbls pumped. RD BJ. Flow frac back @ .6 bpm avg rate. 54 bbls in 1.5 hrs.
5/30/00	4931'-4945'	Frac C sand as follows: 72,057# 20/40 sd in 430 bbls Viking I-25 fluid. Hole filled w/114 bbls. Perfs broke dn @ 1970 psi. Treated @ avg rate of 26.8 BPM w/ avg press of 2500 psi. Screened out w/ 8.5# sd on perfs w/3822 gals flushed (1104 gals short of top perf). ISIP 3320#, 5 min 2651#. RD BJ. Flowback frac on 12/64" chk for 2 hrs & died. Rec 50 BTF
6/01/00	4784'-4861'	Frac D-1 sand as follows: 78,043# 20/40 sand in 484 bbls Viking I-25 fluid. Hole filled w/110 bbls. Perfs broke dn @ 2644 psi. Treated @ avg rate of 29 BPM w/avg press of 1800 psi. ISIP: 2010 psi, 5-min: 1883 psi. RD BJ. Flowback frac on 12/64" chk for 3 hrs and died. Rec 110 BTF
3/07/03		Pump change. Updated rod and tubing detail.
2-23-06		Pump change. Updated rod and tubing detail.
04-06-10		MIT

PERFORATION RECORD

5/22/00	5282'-5290'	4 JSPF	32 holes
5/24/00	5061'-5071'	4 JSPF	40 holes
5/24/00	5080'-5084'	4 JSPF	16 holes
5/24/00	5087'-5094'	4 JSPF	28 holes
5/26/00	4931'-4945'	4 JSPF	56 holes
5/31/00	4784'-4792'	4 JSPF	32 holes
5/31/00	4858'-4861'	4 JSPF	12 holes

NEWFIELD

South Wells Draw #14-2-9-16

725 FSL 1980 FWL
 SE/SW Section 2-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32128; Lease #ML-21839

South Wells Draw #13-2

Spud Date: 10/13/2000
 Put on Production: 12/08/2000
 GL: 5563' KB: 5573'

Initial Production: 74.5 BOPD,
 67.6 MCFD, 13.3 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (297')
 DEPTH LANDED: 302'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 141 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55 & N-80
 WEIGHT: 15.5# & 17.0#
 LENGTH: 144 jts. (5836.06')
 DEPTH LANDED: 5832'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sk Prem. Lite II mixed & 500 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 146 jts (4676.95')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4686.95'
 PACKER: 4691.30'
 TOTAL STRING LENGTH: EOT @ 4695.40'

FRAC JOB

2/5/00 5305'-5317' **Frac A3 sand as follows:**
 37,400# 20/40 sand in 350 bbls Viking I-25 fluid. Perfs broke down @ 3224 psi. Treated @ avg press of 2300 psi w/avg rate of 27 BPM. ISIP 2700 psi.

2/5/00 4774'-4780' **Frac D1 sand as follows:**
 Set plug at 4800'.
 24,960# 20/40 sand in 229 bbls Viking I-25 fluid. Perfs broke down @ 1750 psi. Treated @ avg press of 2200 psi w/avg rate of 26 BPM. ISIP 2250 psi, flow back on 12/64 choke @ 1 BPM, flowed 4.5 hrs and died.

2/5/00 4938'-4958' **Frac C sand as follows:**
 Set plug @ 5090'.
 Unable to break down perfs. Dump 15 gal 15% HCL across perfs. Frac with 75,000# 20/40 sand in 569 bbls Viking I-25 fluid. Perfs broke down @ 3130 psi. Treated @ avg press of 1900 psi w/avg rate of 30 BPM. ISIP 2420 psi.

11/5/02 Set Packer. Waiting on permission to inject.

11/19/02 Start Injecting

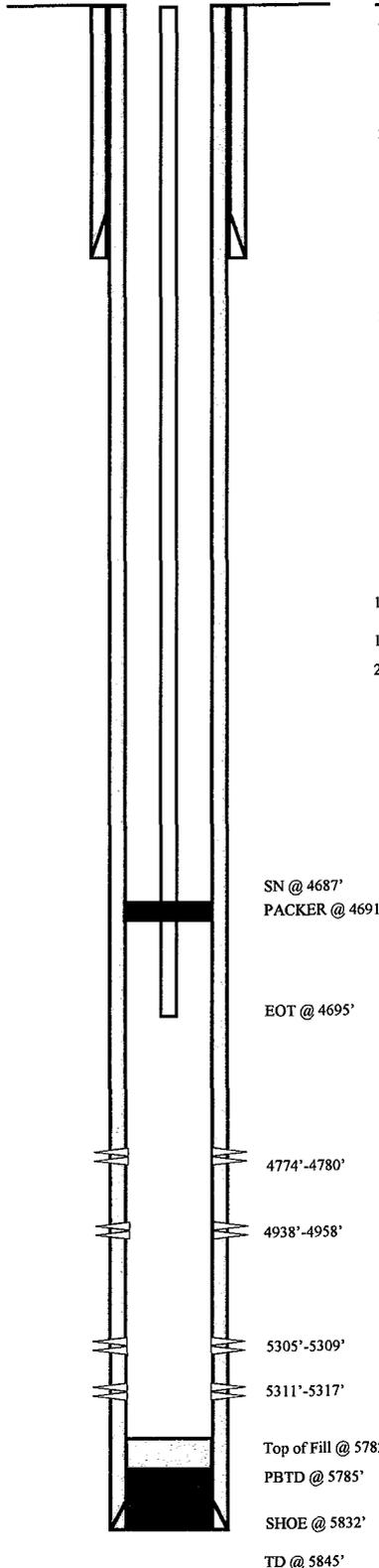
11/5/02 **Set Packer:** Waiting on permission to inject.

11/19/02 **Start Injecting**

2-2-07 **Tubing Leak:** Updated tubing detail.

PERFORATION RECORD

2/5/00	4774'-4780'	4 JSPF	24 holes
2/5/00	4938'-4958'	4 JSPF	80 holes
2/5/00	5305'-5309'	4 JSPF	16 holes
2/5/00	5311'-5317'	4 JSPF	24 holes



South Wells Draw #13-2-9-16
 696' FSL & 644' FWL
 SWSW Section 2-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32127; Lease #ML-21839

Spud Date: 8/2/96
 Put on Production: 10/28/96
 GL: 5508' KB: 5521'

Monument Butte State 16-2-9-16

Initial Production: 55 BOPD,
 80 MCFPD, 14 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (292.34')
 DEPTH LANDED: 291.24' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sxs Premium Plus cmt, est 3 bbls to surf.

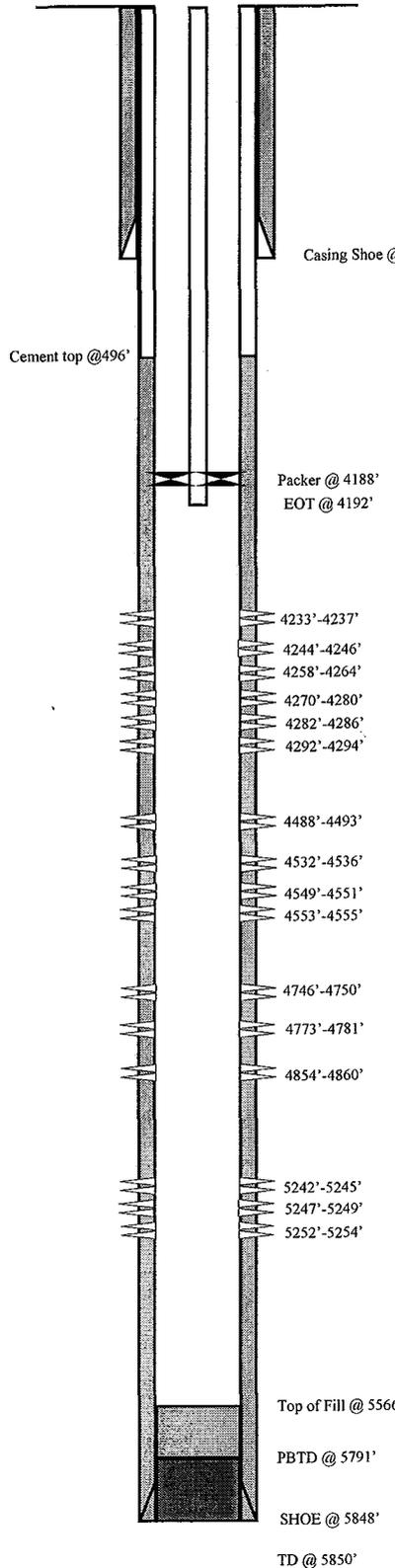
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 141 jts. (5849.89')
 DEPTH LANDED: 5847.89'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 480 sks Hibond mixed & 375 sks thixotropic
 CEMENT TOP AT: 496' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 134 jts. (4170.37')
 SEATING NIPPLE: 1.10'
 SN LANDED AT: 4183.37' KB
 TOTAL STRING LENGTH: (EOT @ 4191.82')

Injection Wellbore Diagram



FRAC JOB

10/18/96 5242'-5254' **Frac A-3 sand as follows:**
 73,000# of 20/40 sand in 446 bbls of Delta Frac fluid. Breakdown @ 4000 psi. Treated @ avg rate of 20 bpm w/avg press of 2350 psi. ISIP-2418 psi, 5-min 2358 psi. Flowback on 12/64" ck for 2-1/2 hours and died.

10/21/96 4746'-4860' **Frac D-1 and D-3 zones as follows:**
 81,500# of 20/40 sand in 454 bbls of Delta Frac fluid. Breakdown @ 1710 psi. Treated @ avg rate of 27.5 bpm w/avg press of 2300 psi. ISIP-2951 psi, 5-min 2475 psi. Flowback on 12/64" ck for 4 hours and died.

10/23/96 4532'-4555' **Frac PB-10 zone as follows:**
 73,000# of 20/40 sand in 334 bbls of Delta Frac fluid. Well screened out w/3282 gal left in flush. Placed est 51,250# of sand into formation. Breakdown @ 2950 psi. Treated @ avg rate of 18.5 bpm w/avg press of 2100 psi. ISIP-3650 psi, 5-min 1328 psi. Flowback on 12/64" ck, rec 42 bbls sand laden fluid.

10/7/02 4233'-4493' **Frac PB-10 and GB-4 sands as follows:**
 100,800# of 20/40 white mesh sand in 411 bbls Viking 1-25 fluid. Treated @ avg. pressure of 1940 psi w/avg. rate of 24.8 BPM. ISIP 2350 psi. Calc. flush 4233 gal. Actual flush: 4158 gal.

03/11/03 **Parted rods.**

10/15/05 **Tubing Leak. Detail tubing and rod Update.**

3/27/09 **Well converted to an Injection well.**

4/7/09 **MIT completed and submitted.**

8/31/09 **Tubing Leak. Updated rod & tubing details.**

09/24/09 **5 Yr MIT**

PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
10/17/96	5242'-5245'	4 JSPF	12 holes
10/17/96	5247'-5249'	4 JSPF	8 holes
10/17/96	5252'-5254'	4 JSPF	8 holes
10/19/96	4746'-4750'	4 JSPF	16 holes
10/19/96	4773'-4781'	4 JSPF	32 holes
10/19/96	4854'-4860'	4 JSPF	24 holes
10/22/96	4532'-4536'	4 JSPF	16 holes
10/22/96	4549'-4551'	4 JSPF	8 holes
10/22/96	4553'-4555'	4 JSPF	8 holes
10/5/02	4488'-4493'	4 JSPF	20 holes
10/5/02	4292'-4294'	4 JSPF	8 holes
10/5/02	4282'-4286'	4 JSPF	16 holes
10/5/02	4270'-4280'	4 JSPF	40 holes
10/5/02	4258'-4264'	4 JSPF	24 holes
10/5/02	4244'-4246'	4 JSPF	8 holes
10/5/02	4233'-4237'	4 JSPF	16 holes

NEWFIELD

Monument Butte State #16-2-9-16
 740 FSL & 664 FEL
 SESE Section 2-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31510; Lease #ML-21839

Jonah Federal #4-11-9-16

Spud Date: 1/2/03
 Put on Production: 1/29/04
 GL: 5552' KB: 5564'

Initial Production: 56 BOPD,
 78 MCFD, 5 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (294.88')
 DEPTH LANDED: 304.88'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs class G cmt, est 11 bbls to surf.

PRODUCTION CASING

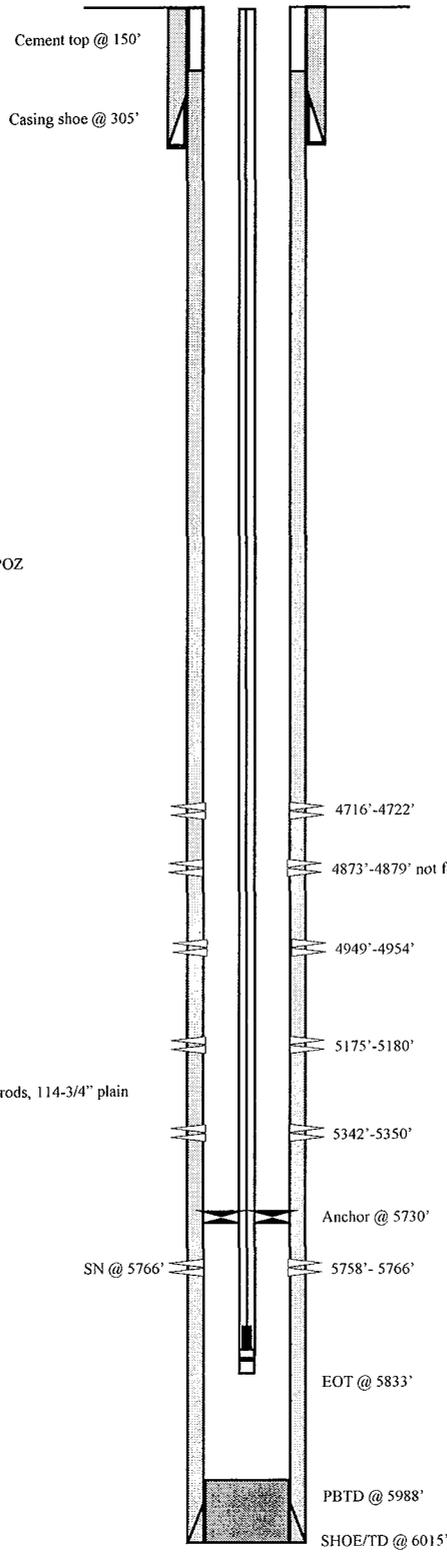
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (6016.67')
 DEPTH LANDED: 6014.67'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs Premilite II and 400 sxs 50/50 POZ
 CEMENT TOP AT: 150'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 173 jts (5718.05')
 TUBING ANCHOR: 5730.05' KB
 NO. OF JOINTS: 1 jt (33.00')
 SN LANDED AT: 5765.85' KB
 NO. OF JOINTS: 2 jts (65.95')
 TOTAL STRING LENGTH: 5833.35' W/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 6-1 1/2" weight bars, 10-3/4" scraped rods, 114-3/4" plain rods, 100-3/4" scraped rods, 1-4', 1-8' x 3/4" pony rods.
 PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 16' RHAC
 STROKE LENGTH: 75"
 PUMP SPEED, SPM: 6 SPM



FRAC JOB

01/22/04	5758'-5766'	Frac CP1 sands as follows: 30,019# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg pressure of 1765psi w/avg rate of 24.8 BPM. ISIP-2000. Calc. flush: 5756 gals. Actual flush: 5250 gals.
01/22/04	5342'-5350'	Frac LODC sands as follows: 39,662# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg pressure of 2565 psi w/avg rate of 24.6 BPM. ISIP-2620. Calc. flush: 5340 gals. Actual flush: 5334 gals.
01/22/04	5175'-5180'	Frac A3 sands as follows: 24,875# 20/40 sand in 283 bbls Lightning 17 frac fluid. Treated @ avg pressure of 2200 psi w/avg rate of 24.7 BPM. ISIP-2020. Calc. flush: 5173 gals. Actual flush: 4830 gals.
01/23/04	4949'-4954'	Frac B1 sands as follows: 25,264# 20/40 sand in 278 bbls Lightning 17 frac fluid. Treated @ avg pressure of 1777 psi w/avg rate of 24.6 BPM. ISIP-2230. Calc. flush: 4947 gals. Actual flush: 4674 gals.
01/23/04	4716'-4722'	Frac D1 sands as follows: 29,035# 20/40 sand in 299 bbls Lightning 17 frac fluid. Treated @ avg pressure of 2519 psi w/avg rate of 25.3 BPM. ISIP-2115. Calc. flush: 4714 gals. Actual flush: 4620 gals.

PERFORATION RECORD

01/21/04	5758'-5766'	4 JSPF	32 holes
01/22/04	5342'-5350'	4 JSPF	32 holes
01/22/04	5175'-5180'	4 JSPF	20 holes
01/22/04	4949'-4954'	4 JSPF	20 holes
01/23/04	4873'-4879'	4 JSPF	20 holes
01/23/04	4872.5'-4878.5'	4 JSPF	24 holes
01/23/04	4716'-4722'	4 JSPF	24 holes



Jonah Federal #4-11-9-16
 864 FNL & 711 FWL
 NWNW Section 11-T9S-R16E
 Duchesne County, Utah
 API #43-013-32279; Lease #U-096550

Jonah Federal #1-11-9-16

Spud Date: 9/18/00
 Put on Production: 2/16/01
 GL: 5573' KB: 5583'

Initial Production: 187 BOPD,
 208 MCFD, 14 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (298.67')
 DEPTH LANDED: 305'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 155 sxs Class "G" cmt

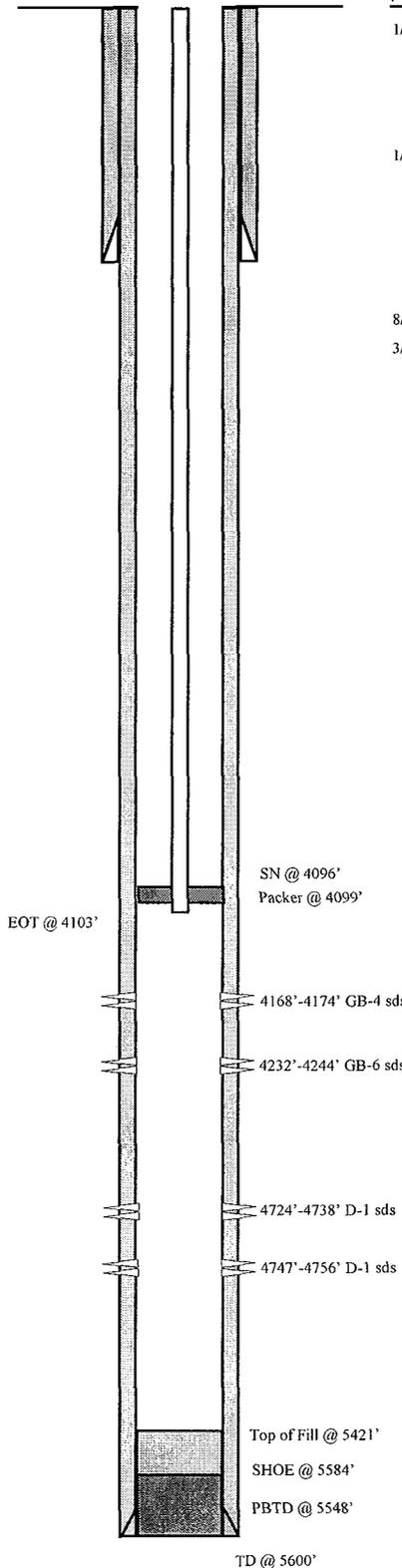
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5588.12')
 DEPTH LANDED: 5584'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 126 jts (4084.58')
 SEATING NIPPLE: 2-3/8" (1.10')
 SN LANDED AT: 4095.68'
 PACKER AT: 4099'
 TOTAL STRING LENGTH: EOT @ 4103'

Injection Wellbore
 Diagram



FRAC JOB

1/15/01 4724'-4756' **Frac D1 sand as follows:**
 89,625# 20/40 sand in 644 bbls Viking I-25 fluid. Perfs broke back @ 3010 psi. Treated @ avg press of 1900 psi w/ avg rate of 30.1 BPM. ISIP - 2390 psi. Left pressure on well.

1/15/01 4168'-4244' **Frac GB sand as follows:**
 48,000# 20/40 sand in 425 bbls Viking I-25 fluid. Perfs broke back @ 1850 psi @ 3.5 BPM. Treated @ avg press of 1870 psi w/avg rate of 30.3 BPM. ISIP 1865 psi. Started flowback immediately on 12/64" choke @ 1 BPM. Flowed 3-3/4 hrs & died. Rec. 163 BTF.

8/30/02 **Pump change. Update tubing details.**

3/21/03 **Conversion to Injector.**

PERFORATION RECORD

Date	Interval	Perforations	Holes
1/15/01	4724'-4738'	4 JSPF	56 holes
1/15/01	4747'-4756'	4 JSPF	36 holes
1/15/01	4168'-4174'	4 JSPF	24 holes
1/15/01	4232'-4244'	4 JSPF	48 holes

NEWFIELD



Jonah Federal #1-11-9-16
 660 FNL & 660 FEL
 NE/NE Section 11-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32157; Lease #UTU-096550

Monument Federal #42-11j-9-16

Spud Date: 6/28/1994 (Re-entry)
Put on Production: 8/01/1994

Initial Production: 33 BOPD,
NM MCFD, 0 BWPD

GL: 5554' KB: 5564'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
DEPTH LANDED: 140' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs cement.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 122 jts (5261.75')
DEPTH LANDED: 5270.75'
HOLE SIZE: 7-7/8"
CEMENT DATA: 290 sxs Super "G" & 150 sxs 50/50 POZ.
CEMENT TOP AT: 1825' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 156 jts (4939.91)
TUBING ANCHOR: 4949.91'
NO. OF JOINTS: 2 jt (62.33')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5015.04'
NO. OF JOINTS: 1 jts (32.05')
TOTAL STRING LENGTH: EOT @ 4048.64'

SUCKER RODS

POLISHED ROD: 1-1/4" x 22'
SUCKER RODS: 6-1 1/2" weight bars; 33-3/4" guided rods; 64-3/4" Slick rods, 99-3/4" guided rods, 1-2", 1-4", 1-8" x 3/4" pony rods.
PUMP SIZE: 2-1/2" x 1-1/2" x 12" x 16" RHAC
STROKE LENGTH: 86"
PUMP SPEED, SPM:

FRAC JOB

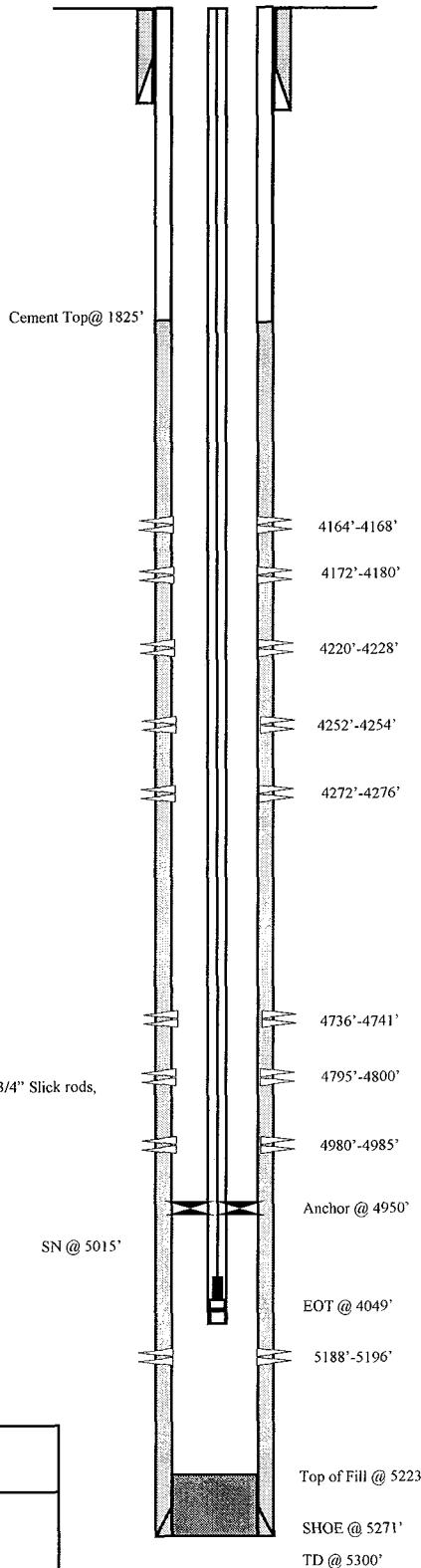
7/16/94 5188'-5196' **Frac zone as follows:**
14,860# 20/40 sand + 11,600# 16/30 sand in 290 bbls 2% KCl frac fluid. Treated @ avg press of 3000 psi w/avg rate of 30 BPM. ISIP 4400 psi. Screened out with 1660# sand left in casing.

7/16/94 4736'-4741' **Frac zone as follows:**
14,100# 16/30 sand in 220 bbls 2% KCl frac fluid. Treated @ avg press of 4550 psi w/avg rate of 25 BPM. ISIP 1670 psi.

3/23/02
11/6/02 4736'-5196' **Frac D,B,A Sands as follows:**
70,000# 20/40 sand in 538 bbls Viking 1-25 frac fluid. Treated @ avg press of 1975 psi w/avg rate of 26.5 BPM. ISIP 2420 psi. Calc flush: 4736 gal. Actual flush: 4662 gal.

11/6/02 4164'-4276' **Frac GB,PT Sands as follows:**
95,021# 20/40 sand in 674 bbls Viking 1-25 frac fluid. Treated @ avg press of 1825 psi w/avg rate of 25 BPM. ISIP 2080 psi. Calc flush: 4164 gal. Actual flush: 4074 gal.

4164'-4168' 6-1-05
11-2-07
4172'-4180' 3/4/09
4220'-4228'
4252'-4254'
4272'-4276'
4736'-4741'
4795'-4800'
4980'-4985'
Anchor @ 4950'
EOT @ 4049'
5188'-5196'
Top of Fill @ 5223'
SHOE @ 5271'
TD @ 5300'



PERFORATION RECORD

Date	Depth Range	Perforation Type	Number of Holes
7/14/94	5188'-5196'	4 JSPF	32 holes
7/16/94	4736'-4741'	4 JSPF	20 holes
RE-PERF	11/5/02 5188'-5196'	5 JSPF	40 holes
	11/5/02 4980'-4985'	4 JSPF	20 holes
	11/5/02 4795'-4800'	4 JSPF	20 holes
RE-PERF	11/5/02 4736'-4741'	5 JSPF	25 holes
	11/6/02 4272'-4276'	4 JSPF	16 holes
	11/6/02 4252'-4254'	4 JSPF	8 holes
	11/6/02 4220'-4228'	4 JSPF	32 holes
	11/6/02 4172'-4180'	4 JSPF	32 holes
	11/6/02 4164'-4168'	4 JSPF	16 holes

NEWFIELD

Monument Federal #42-11J-9-16

1991' FNL & 495' FEL

SENE Section 11-T9S-R16E

Duchesne Co, Utah

API #43-013-30066; Lease #U-096550

Monument Federal 32-11J-9-16

Spud Date: 8/23/93
 Put on Production: 10/06/93
 GL: 5577' KB: 5587'

Initial Production: 25 BOPD,
 15 MCFD, 10 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (267.54')
 DEPTH LANDED: 275'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 150 sxs Premium, est 4 bbls cmt to surf.

PRODUCTION CASING

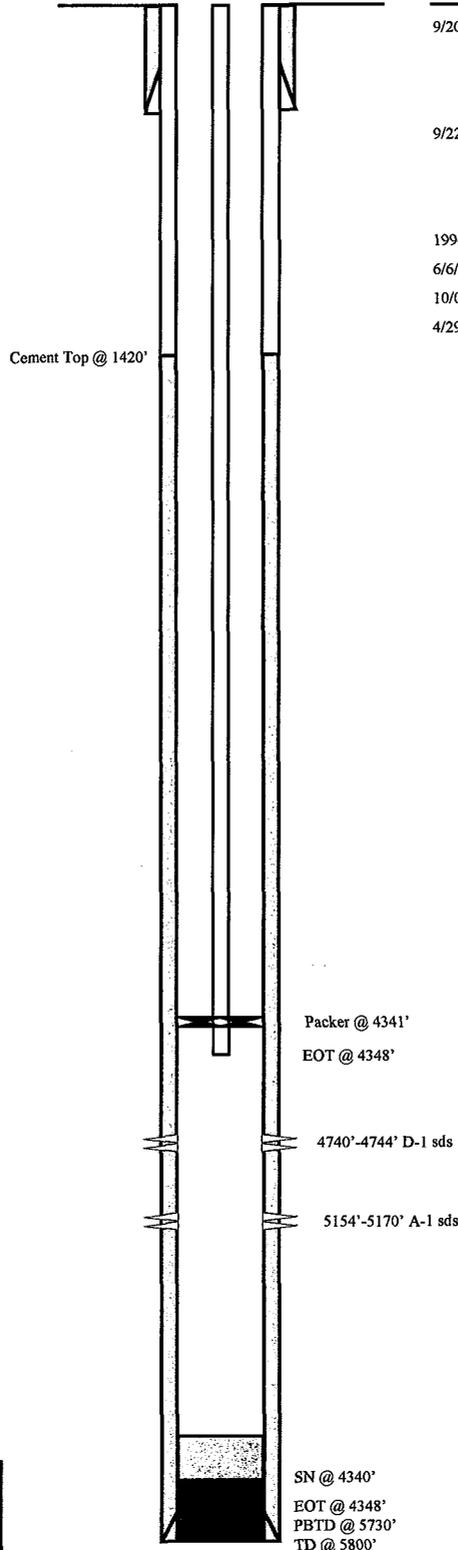
CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 133 jts. (5722')
 DEPTH LANDED: 5774.96'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 231 sxs Hilift & 351 sxs Class "G".
 CEMENT TOP AT: 1420' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 140 jts (4339.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4339.9' KB
 CE @ 4341'
 TOTAL STRING LENGTH: EOT @ 4348'

FRAC JOB

9/20/93	5154'-5170'	Frac zone as follows: 43,460# 16/30 sand in 509 bbls frac fluid. Treated @ avg press of 1800 psi w/avg rate of 20 BPM. ISIP 1635 psi. Calc. flush: 5154 gal, Actual flush: 4914 gal.
9/22/93	4740'-4744'	Frac zone as follows: 10,000# 16/30 sand in 271 bbls frac fluid. Treated @ avg press of 2900 psi w/avg rate of 13 BPM. ISIP 1850 psi. Calc. flush: 4740 gal, Actual flush: 4703 gal.
1994	Convert to Injection well	
6/6/05	5 Yr MIT	
10/07/09	Zone Stimulation. No tubing or rod detail.	
4/29/10	5 Yr MIT	



PERFORATION RECORD

9/17/93	5154'-5170'	2 JSFP	12 holes
9/22/93	4740'-4744'	2 JSFP	08 holes

NEWFIELD

Monument Federal 32-11J-9-16
 2059' FNL & 1763' FEL
 SWNE Section 11-T9S-R16E
 Duchesne Co, Utah
 API #43-013-31386; Lease #U-096550

Walton Federal #4-11-9-16

Spud Date: 11/27/1964
 Put on Production: 1/14/1965
 GL: 5605' KB: 5615'

Initial Production: 155 BOPD, 40 MCFD,
 0 BWPD

Wellbore Diagram

FRAC JOB

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: J-55
 WEIGHT: 32.2#
 LENGTH: 6 jts. (193')
 DEPTH LANDED: 203' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 200 sxs Class "G" cmt.

PRODUCTION CASING

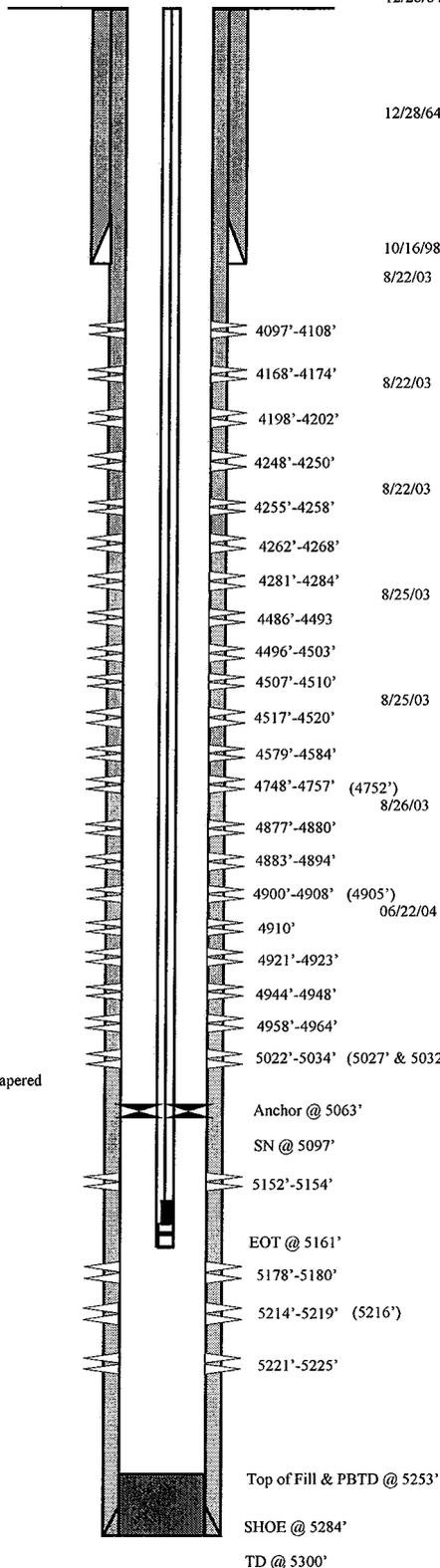
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 176 jts. (5274')
 DEPTH LANDED: 5284'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sxs. cement
 CEMENT TOP AT: ? per CBL

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#
 NO. OF JOINTS: 159 jts (5052.80') KB
 TUBING ANCHOR: 5062.80'
 NO. OF JOINTS: 1 jts (31.80')
 SEATING NIPPLE: 2 7/8" (1.10')
 SN LANDED AT: 5097.40' KB
 NO. OF JOINTS: 2 jts (61.88')
 TOTAL STRING LENGTH: EOT @ 5160.83' w/10' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'
 SUCKER RODS: 6-1 1/2" weight bars; 30-3/4" guided rods; 73-3/4" scraped rods, 94-3/4" scraped rods, 1-4', 1-2' x 3/4" pony rods.
 PUMP SIZE: 2 1/2" x 1 1/2" x 15.5' RHAC pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 4 SPM
 LOGS: DIGL/SP/GR/CAL



12/28/64 5027'-5216' **Frac zones as follows:**
 17,750# 20/40 sand in 400 bbls crude oil, + 2000# 8/12 beads in 4200 gal. crude oil. Treated @ avg press of 4000 psi w/avg rate of 18.7 BPM.

12/28/64 4752'-4910' **Frac zones as follows:**
 16,000# 20/40 sand in 416 bbls crude oil, + 900# 8/12 beads in 1800 gal. crude oil. Treated @ avg press of 3500 psi w/avg rate of 37 BPM. Calc. flush: 4752 gal. Actual flush: 4956 gal.

10/16/98 Test tubing. Update rod and tubing details.

8/22/03 5152'-5225' **Frac A1 and 3 sands as follows:**
 39,882# 20/40 sand in 211 bbls Viking I-25 fluid. Treated @ avg press of 3225 psi w/avg rate of 14.5 BPM. ISIP 1950 psi. Calc flush: 1323 gal. Actual flush: 1218 gal.

8/22/03 5022'-5034' **Frac B2 sands as follows:**
 19,591# 20/40 sand in 115 bbls Viking I-25 fluid. Treated @ avg press of 3000 psi w/avg rate of 15 BPM. ISIP 1860 psi. Calc flush: 1276 gal. Actual flush: 1154 gal.

8/22/03 4877'-4964' **Frac C & B sands as follows:**
 50,555# 20/40 sand in 273 bbls Viking I-25 fluid. Treated @ avg press of 3050 psi w/avg rate of 14.7 BPM. ISIP 1920 psi. Calc flush: 1254 gal. Actual flush: 1197 gal.

8/25/03 4748'-4757' **Frac D1 sands as follows:**
 19,742# 20/40 sand in 245 bbls Viking I-25 fluid. Treated @ avg press of 2493 psi w/avg rate of 20.2 BPM. ISIP 2070 psi. Calc flush: 4746 gal. Actual flush: 4662 gal.

8/25/03 4486'-4584' **Frac PB/X sands as follows:**
 50,279# 20/40 sand in 414 bbls Viking I-25 fluid. Treated @ avg press of 2517psi w/avg rate of 22 BPM. ISIP 2320 psi. Calc flush: 4484 gal. Actual flush: 4410 gal.

8/26/03 4097'-4284' **Frac GB sands as follows:**
 100,000# 20/40 sand in 693 bbls Viking I-25 fluid. Treated @ avg press of 1962psi w/avg rate of 20.5 BPM. ISIP 1870 psi. Calc flush: 4095 gal. Actual flush: 4011 gal.

06/22/04 Tubing Leak. Update Rod detail.

PERFORATION RECORD

Date	Depth	SPF	Holes
12/26/64	5216'	3 SPF	03 holes
12/26/64	5032'	3 SPF	03 holes
12/26/64	5027'	3 SPF	03 holes
12/28/64	4910'	3 SPF	03 holes
12/28/64	4905'	3 SPF	03 holes
12/28/64	4752'	3 SPF	03 holes
8/21/03	5221'-5225'	2 JSPP	8 holes
8/21/03	5214'-5219'	2 JSPP	10 holes
8/21/03	5178'-5180'	4 JSPP	8 holes
8/21/03	5152'-5154'	4 JSPP	8 holes
8/21/03	5022'-5034'	2 JSPP	22 holes
8/21/03	4958'-4964'	4 JSPP	24 holes
8/21/03	4944'-4948'	4 JSPP	16 holes
8/21/03	4921'-4923'	2 JSPP	4 holes
8/21/03	4900'-4908'	2 JSPP	16 holes
8/21/03	4883'-4894'	2 JSPP	22 holes
8/21/03	4877'-4880'	2 JSPP	6 holes
8/21/03	4748'-4757'	2 JSPP	18 holes
8/25/03	4579'-4584'	4 JSPP	20 holes
8/25/03	4517'-4520'	2 JSPP	6 holes
8/25/03	4507'-4510'	2 JSPP	6 holes
8/25/03	4496'-4503'	2 JSPP	14 holes
8/25/03	4486'-4493'	2 JSPP	14 holes
8/26/03	4281'-4284'	2 JSPP	6 holes
8/26/03	4262'-4268'	2 JSPP	12 holes
8/26/03	4255'-4258'	2 JSPP	6 holes
8/26/03	4248'-4250'	2 JSPP	4 holes
8/26/03	4198'-4202'	2 JSPP	8 holes
8/26/03	4168'-4174'	2 JSPP	12 holes
8/26/03	4097'-4108'	2 JSPP	22 holes

MHB 7/27/04



Walton Federal #4-11-9-16
 1980' FNL & 1975' FWL
 SENW Section 11-T9S-R16E
 Duchesne Co, Utah
 API #43-013-15795; Lease #U-096550

Jonah Federal 3-11-9-16

Spud Date: 9/13/2000
 Put on Production: 10/31/2000
 GL: 5573' KB: 5583'

Initial Production: 256 BOPD,
 160 MCFD, 72 BWPD

Injection Wellbore
 Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 8 jts. (30.71")
 DEPTH LANDED: 310'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 155 sxs Class "G" cmt,

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 131 jts. (5612.72')
 DEPTH LANDED: 5609'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Prem. Lite II mixed & 425 sx 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts. (4126.95')
 SEATING NIPPLE: 2-3/8" (1.10")
 SN LANDED AT: 4138.11'
 PACKER: Arrow packer set @ 4142.41'
 TOTAL STRING LENGTH: EOT @ 4146.61'

FRAC JOB

10/20/00 5376'-5404' **Frac LODC sand as follows:**
 48,104# 20/40 sand in 327 bbls Viking I-25 Fluid. Perfs brk back @ 3277 psi. Treated @ avg press of 3480 psi w/ avg rate of 27 BPM. ISIP - 3700 psi. Flowback @ 1 BPM for 1 hr & died. Rec. 37 BTF. RD BJ. Rig broke down; rep. rig.

10/23/00 5175'-5186' **Frac A1 sand as follows:**
 2000 gals of Viking I-25 pad, 55,500 lbs white 20/40 sand in 9599 gals Viking I-25 fluid. 5082 gals flush. Started flow-back immediately @ 1 BPM. Flowed 106 bbls. Became stuck - recovered fish. Avg press 1750 psi; avg rate 27 BPM. ISIP 2080 psi. Pumped 397 bbls total.

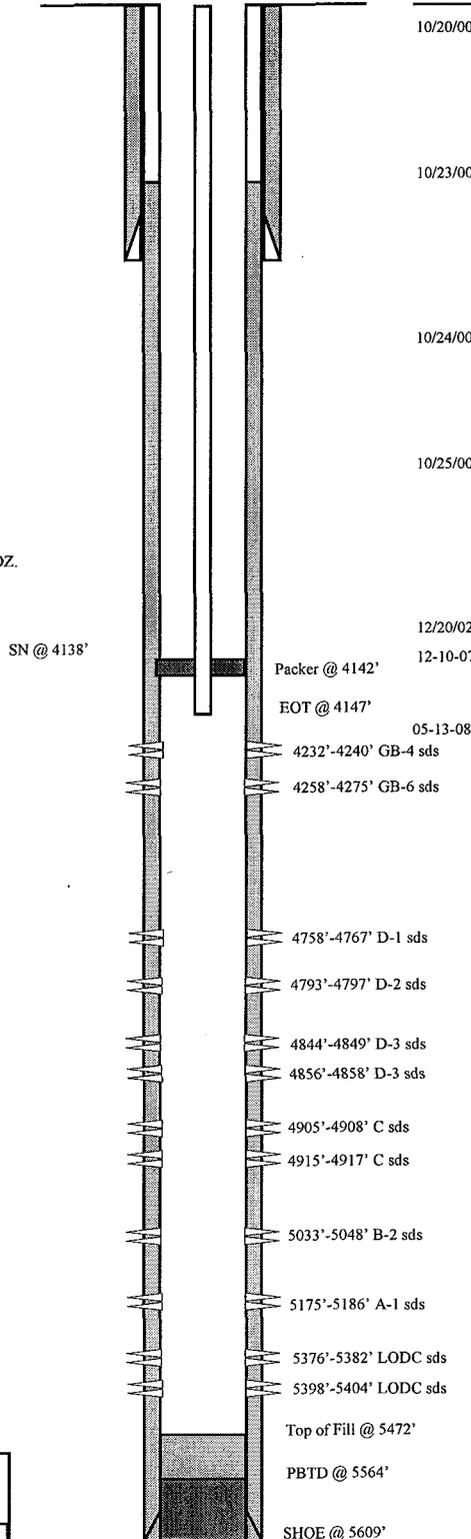
10/24/00 4905'-5048' **Frac B/C sand as follows:**
 93,138# 20/40 sand in 563 bbls Viking I-25 fluid. Perfs broke down @ 2177 psi. Treated @ avg rate of 28.9 BPM w/avg press of 1845 psi. ISIP: 2213 psi, 5-min: 2164 psi. Left pressure on well. RD BJ. Est 1151 BWTR.

10/25/00 4758'-4858' **Frac D sand as follows:**
 3500 gals Viking pad, 80,580# 20/40 sand in 515 bbls Viking I-25 fluid. Perfs broke down @ 3261 psi. Avg. press 2100 psi @ avg rate of 31.4 BPM. ISIP 2270 psi. RD BJ. Start immed flowback on 12/64" choke @ 1 BPM. Flowed 486 BTF in 8-1/2 hrs. Turned flow to production tanks.

12/20/02
 12-10-07
 05-13-08
 12/19/02
 12/19/02

Converted to injector.
 5 Year MIT completed.

Workover. Zone stimulation



PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
10/19/00	5376'-5382'	4 JSPF	24 holes
10/19/00	5398'-5404'	4 JSPF	24 holes
10/21/00	5175'-5186'	4 JSPF	44 holes
10/24/00	4844'-4849'	4 JSPF	20 holes
10/24/00	4856'-4858'	4 JSPF	8 holes
10/24/00	4793'-4797'	4 JSPF	16 holes
10/24/00	4758'-4767'	4 JSPF	36 holes
10/24/00	5033'-5048'	4 JSPF	60 holes
10/24/00	4905'-4908'	4 JSPF	12 holes
10/24/00	4915'-4917'	4 JSPF	8 holes
12/19/02	4258'-4275'	4 JSPF	16 holes
12/19/02	4232'-4240'	4 JSPF	36 holes

NEWFIELD

Jonah Federal 3-11-9-16
 706 FNL & 2094 FWL
 NENW Section 11-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32159; Lease #UTU-096550

TD @ 5633'

Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**
Well Name: **Jonah Federal 2-11-9-16**
Sample Point: **tank**
Sample Date: **11/20/2009**
Sales Rep: **Randy Huber**
Lab Tech: **Peter Poulsen**

Sample ID: **WA-33959**

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	11/20/2009	Cations	mg/L	Anions	mg/L
Temperature (°F):	100	Calcium (Ca):	40.00	Chloride (Cl):	4000.00
Sample Pressure (psig):	0	Magnesium (Mg):	48.80	Sulfate (SO ₄):	20.00
Specific Gravity (g/cm ³):	1.0070	Barium (Ba):	10.00	Dissolved CO ₂ :	-
pH:	8	Strontium (Sr):	-	Bicarbonate (HCO ₃):	1732.00
Turbidity (NTU):	-	Sodium (Na):	3092.00	Carbonate (CO ₃):	-
		Potassium (K):	-	H ₂ S:	-
		Iron (Fe):	0.23	Phosphate (PO ₄):	-
		Manganese (Mn):	0.17	Silica (SiO ₂):	-
Calculated T.D.S. (mg/L)	8943	Lithium (Li):	-	Fluoride (F):	-
Molar Conductivity (µS/cm):	13550	Aluminum (Al):	-	Nitrate (NO ₃):	-
Resistivity (Mohm):	0.7380	Ammonia NH ₃ :	-	Lead (Pb):	-
				Zinc (Zn):	-
				Bromine (Br):	-
				Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO ₃		Gypsum CaSO ₄ · 2H ₂ O		Calcium Sulfate CaSO ₄		Strontium Sulfate SrSO ₄		Barium Sulfate BaSO ₄		Calculated CO ₂
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100	0	8.46	26.53	0.00	-2260.30	0.00	-2386.60	-	-	5.45	12.56	0.44
80	0	6.48	21.33	0.00	18.81	0.00	-2540.40	-	-	8.29	13.96	0.22
100	0	8.46	26.53	0.00	24.12	0.00	-2386.60	-	-	5.45	12.56	0.27
120	0	10.31	30.79	0.00	28.60	0.00	-2161.00	-	-	3.67	10.75	0.30
140	0	12.04	34.39	0.00	32.65	0.00	-1895.60	-	-	2.52	8.51	0.33
160	0	13.54	36.87	0.00	36.00	0.00	-1617.80	-	-	1.77	5.82	0.38
180	0	14.72	38.00	0.00	38.28	0.00	-1348.10	-	-	1.27	2.65	0.41
200	0	15.53	37.95	0.00	39.11	0.00	-1100.10	-	-	0.92	-1.02	0.41
220	2.51	15.84	37.41	0.00	38.61	0.00	-890.48	-	-	0.66	-5.51	0.42
240	10.3	15.89	36.38	0.00	36.51	0.00	-702.08	-	-	0.49	-10.40	0.42
260	20.76	15.62	35.08	0.00	33.67	0.00	-544.67	-	-	0.37	-15.96	0.43
280	34.54	15.07	33.34	0.00	30.61	0.01	-415.82	-	-	0.28	-22.27	0.44
300	52.34	14.30	31.00	0.00	27.57	0.01	-312.11	-	-	0.21	-29.43	0.44

Conclusions:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate NO CONCLUSION

Notes:

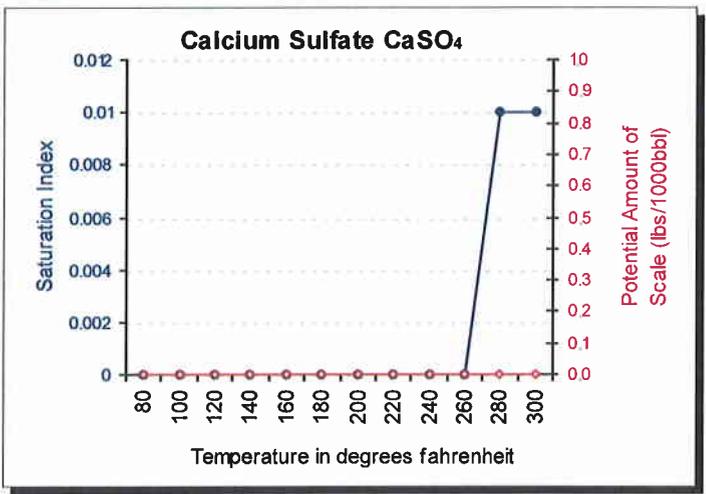
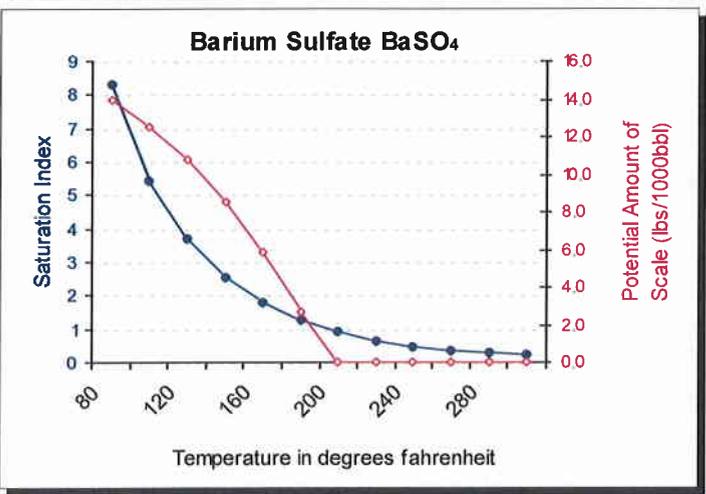
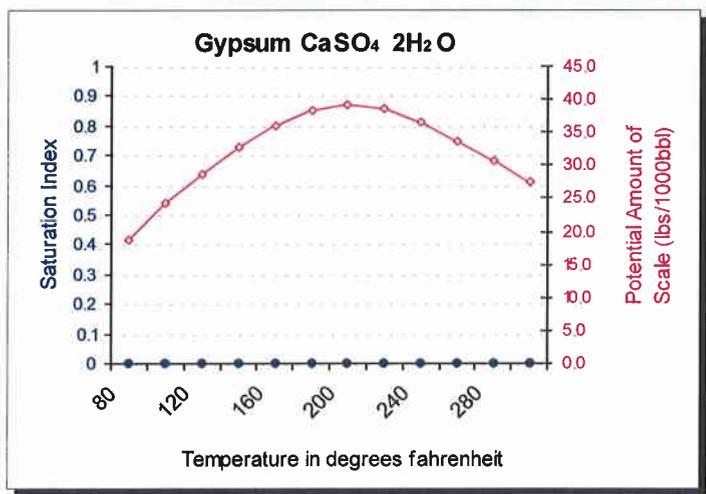
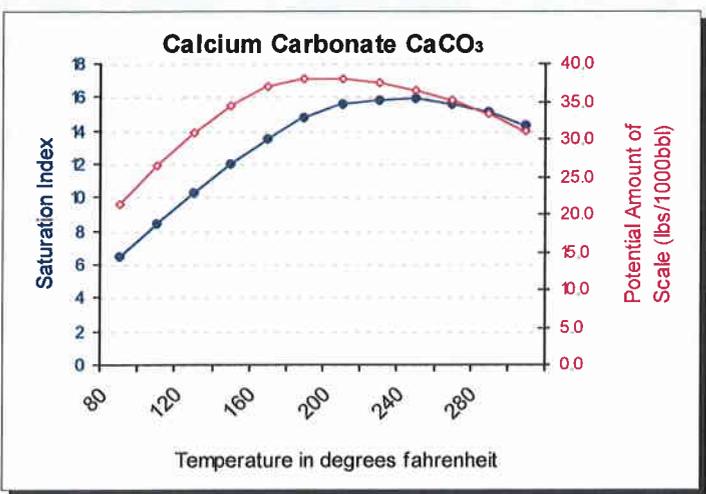


Multi-Chem Group, LLC
Multi-Chem Analytical Laboratory
1553 East Highway 40
Vernal, UT 84078

Scale Prediction Graphs

Well Name: **Jonah Federal 2-11-9-16**

Sample ID: **WA-33959**



Attachment #
3 of 4



Multi-Chem Group, LLC

Multi-Chem Analytical Laborator
1553 East Highway 40
Vernal, UT 84078

multi-chem®

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**
Well Name: **JONAH INJ**
Sample Point: **Before Filters**
Sample Date: **1 /1 /2010**
Sales Rep: **Randy Huber**
Lab Tech: **John Keel**

Sample ID: **WA-35263**

Sample Specifics	
Test Date:	1/5/2010
Temperature (°F):	90
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0050
pH:	8.5
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	7933
Molar Conductivity (µS/cm):	12020
Resitivity (Mohm):	0.8319

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	80.00	Chloride (Cl):	4000.00
Magnesium (Mg):	48.80	Sulfate (SO₄):	323.00
Barium (Ba):	34.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	658.00
Sodium (Na):	2785.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	2.00
Iron (Fe):	2.08	Phosphate (PO₄):	-
Manganese (Mn):	0.57	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
90	0	17.10	29.28	0.02	-1942.70	0.01	-2189.80	-	-	375.54	57.61	0.05
80	0	14.76	26.59	0.02	20.45	0.01	-2253.30	-	-	464.73	57.64	0.02
100	0	19.38	31.61	0.02	25.38	0.01	-2104.60	-	-	305.28	57.57	0.03
120	0	23.68	35.30	0.02	28.95	0.02	-1885.50	-	-	205.05	57.47	0.03
140	0	27.54	37.86	0.03	31.43	0.02	-1627.30	-	-	140.63	57.32	0.04
160	0	30.47	38.83	0.03	32.45	0.03	-1356.90	-	-	98.20	57.12	0.04
180	0	32.13	38.01	0.03	31.89	0.04	-1094.20	-	-	69.69	56.85	0.05
200	0	32.40	35.56	0.04	29.90	0.06	-852.40	-	-	50.15	56.48	0.05
220	2.51	31.15	32.24	0.04	27.14	0.08	-647.23	-	-	35.89	55.95	0.05
240	10.3	29.15	28.12	0.04	23.67	0.13	-463.09	-	-	26.37	55.26	0.05
260	20.76	26.54	24.01	0.05	20.19	0.21	-308.95	-	-	19.58	54.36	0.05
280	34.54	23.61	20.22	0.05	16.96	0.35	-182.65	-	-	14.67	53.18	0.05
300	52.34	20.61	16.94	0.05	14.12	0.58	-81.18	-	-	11.07	51.64	0.05

Conclusions:

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F
Gypsum Scaling Index is negative from 80°F to 300°F
Calcium Sulfate Scaling Index is negative from 80°F to 300°F
Strontium Sulfate scaling was not evaluated
Barium Sulfate scale is indicated at all temperatures from 80°F to 300°F

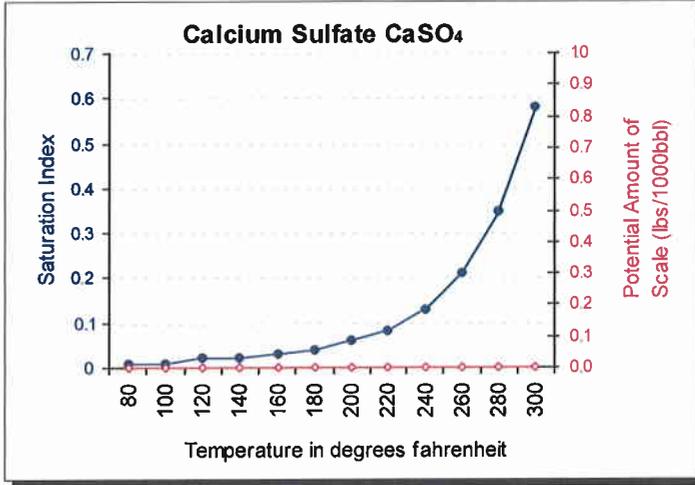
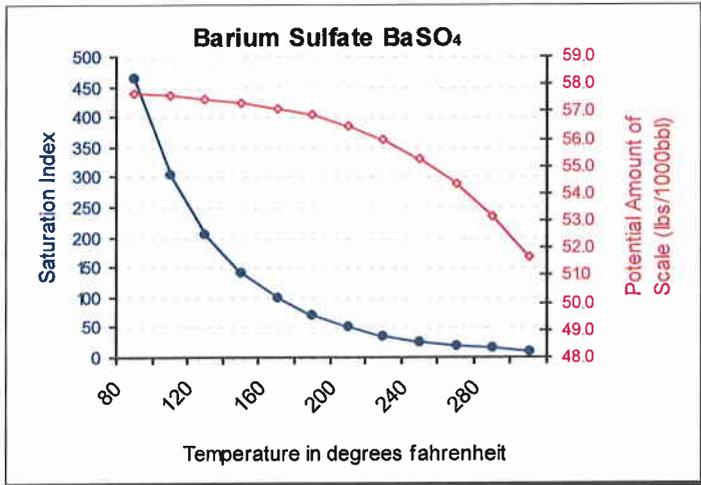
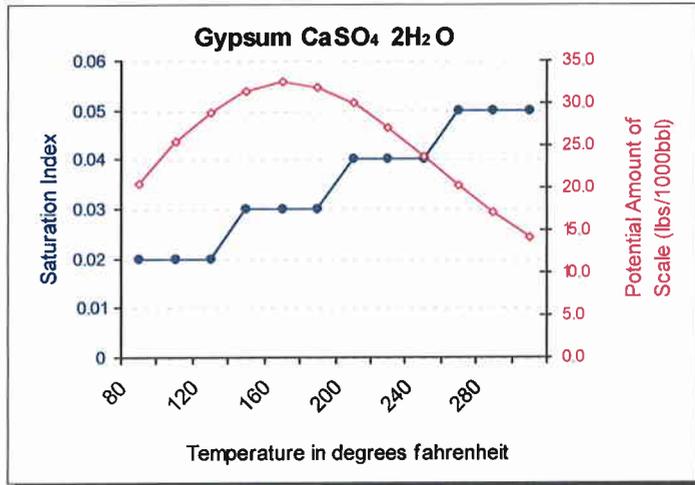
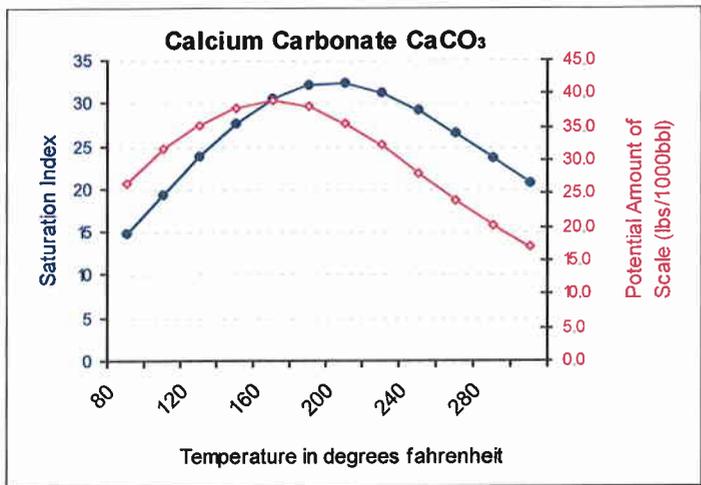
Notes:

Multi-Chem Group, LLC
 Multi-Chem Analytical Laborator
 1553 East Highway 40
 Vernal, UT 84078

Scale Prediction Graphs

Well Name: **JONAH INJ**

Sample ID: **WA-35263**



Attachment "G"

**Jonah Federal #2-11-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5360	5369	5365	2640	0.93	2605
5027	5032	5030	2000	0.83	1967 ←
4736	4741	4739	2200	0.90	2169
4190	4256	4223	2080	0.93	2053
				Minimum	<u><u>1967</u></u>

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.



Attachment 6-1
1069

DAILY COMPLETION REPORT

WELL NAME: Jonah Fed 2-11-9-16 Report Date: 11/1/00 Completion Day: 01
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2" 15.5# @ 5596' Csg PBTD: 5554'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5554'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots

CHRONOLOGICAL OPERATIONS

Date Work Performed: 31-Oct-00 SITP: SICP: 0

MIRU KES #965. Insall 5M frac head. NU 5M BOP. Press test csg, blind rams, csg valves & frac head seal to 3000 psi. Tally, drift, PU & TIH W/ 4 3/4" bit, 5 1/2" csg scraper & 179 jts 2 7/8 8rd 6.5# J-55 tbg. Tag PBTD @ 5554'. Tbg displaced 13 BW on TIH. LD 1 jt. Swab FL dn to 4850'. Rec 105 BTF. TOH W/ tbg. LD bit & scraper. SIFN W/ est 14 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 132 Starting oil rec to date:
Fluid lost/recovered today: 118 Oil lost/recovered today:
Ending fluid to be recovered: 14 Cum oil recovered:
IFL: sfc FFL: 4850' FTP: Choke: Final Fluid Rate: Final oil cut: 0

STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

COSTS

KES rig	\$3,139
BOP	\$130
Trucking	\$1,300
Loc preparation	\$300
CBL	\$2,684
Tbg head	\$1,500
HO trk	\$250
Water & truck	\$200
Tbg	\$17,700
Csg scraper	\$250
Treat-O-Clay	\$125
Drilling cost	\$143,693
IPC Supervision	\$200

Max TP: Max Rate: Total fluid pmpd:
Avg TP: Avg Rate: Total Prop pmpd:
ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Gary Dietz

DAILY COST: \$171,471
TOTAL WELL COST: \$171,471



Attachment G-1
4 of 9

DAILY COMPLETION REPORT

WELL NAME: Jonah Fed 2-11-9-16 Report Date: 11/2/00 Completion Day: 02
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2" 15.5# @ 5596' Csg PBTD: 5554'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5230'
BP/Sand PBTD: 4800'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	<u>4736-4741'</u>	<u>4/20</u>			
B2 sds	<u>5027-5032'</u>	<u>4/20</u>			
LoDC sds	<u>5360-5369'</u>	<u>4/36</u>			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 01-Nov-00 SITP: _____ SICP: 1890

RU Schlumberger and run 5 1/2" HE RBP & 4" perf gun. Set plug @ 4800'. Bleed pressure off well. Rec est 2 BW. D1 sds @ 4736-41' W/ 4 JSPF RU BJ Services to frac D1 sds. Unable to break perfs down, after several attempts W/ 4280 psi max. RU Schlumberger and run 3 1/8" dumpbailer. Dump 13 gals 15% HCL acid across D1 perfs. RD WLT. RU BJ and frac D1 sds W/ 28,120# 20/40 sand in 288 bbls Viking I-25 fluid. Perfs broke dn @ 4250 psi. Treated @ ave press of 2200 psi W/ ave rate of 25.5 BPM. ISIP-2200 psi. RD BJ. Start immediate flowback of D1 frac on 12/64 choke @ 1 BPM. Flowed 2 1/2 hrs & died. Rec 93 BTF (est 32% of D sds frac load). SIFN W/ est 892 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 699 Starting oil rec to date: 0
Fluid lost/recovered today: 193 Oil lost/recovered today: 0
Ending fluid to be recovered: 892 Cum oil recovered: 0
IFL: _____ FFL: _____ FTP: _____ Choke: 12/64 Final Fluid Rate: _____ Final oil cut: _____

STIMULATION DETAIL

COSTS

Base Fluid used: <u>Viking I-25</u> Job Type: <u>Sand frac</u>	KES rig	\$845
Company: <u>BJ Services</u>	RBP rental	\$600
Procedure or Equipment detail: <u>D1 sands</u>	Schlumberger-D1 sds	\$2,210
<u>1000 gals of pad</u>	BJ Services-D1 sds	\$9,265
<u>1000 gals W/ 1-5 ppg of 20/40 sand</u>	Frac water	\$500
<u>5426 gals W/ 5-8 ppg of 20/40 sand</u>	Fuel gas (+/- 300mcf)	\$1,350
<u>Flush W/ 4662 gals of slick water</u>	Frac tks (3 X 2 days)	\$240
	Frac head rental	\$200
	IPC Supervision	\$100

Max TP: 2927 Max Rate: 26 BPM Total fluid pmpd: 288 bbls
Avg TP: 2200 Avg Rate: 25.5 BPM Total Prop pmpd: 28,120#
ISIP: 2200 5 min: _____ 10 min: _____ 15 min: _____

Completion Supervisor: Gary Dietz

DAILY COST: \$15,310
TOTAL WELL COST: \$224,398



Attachment A-1
5 of 9

DAILY COMPLETION REPORT

WELL NAME: Jonah Fed 2-11-9-16 **Report Date:** 11/3/00 **Completion Day:** 03
Operation: New Completion **Rig:** KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 303' **Prod Csg:** 5 1/2" 15.5# @ 5596' **Csg PBDT:** 5554'
Tbg: **Size:** 2 7/8 **Wt:** 6.5# **Grd:** J-55 **Pkr/EOT @:** 4700' **BP/Sand PBDT:** _____

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4736-4741'	4/20			
B2 sds	5027-5032'	4/20			
LoDC sds	5360-5369'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 02-Nov-00 **SITP:** _____ **SICP:** 500

Bleed pressure off csg. Rec est 10 BTF & flowing small amount. TIH W/ RH & tbg. Tag sd @ 4740' . Tbg displaced 11 BW on TIH. Rev circ out sd to RBP @ 4800'. Release plug. TOH W/ tbg. LD plug. TIH W/ RH & tbg. Tag sd @ 5200'. C/O sd to RBP @ 5230'. Circ hole clean. Lost no fluid. Release plug. TOH W/ tbg. LD plug. TIH W/ NC & tbg to 4700'. SIFN W/ est 871 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 892 **Starting oil rec to date:** 0
Fluid lost/recovered today: 21 **Oil lost/recovered today:** 0
Ending fluid to be recovered: 871 **Cum oil recovered:** 0
IFL: _____ **FFL:** _____ **FTP:** _____ **Choke:** _____ **Final Fluid Rate:** _____ **Final oil cut:** _____

STIMULATION DETAIL

COSTS

Base Fluid used: _____ **Job Type:** _____

Company: _____

Procedure or Equipment detail:

KES rig	\$2,400
BOP	\$130
Water truck & water	\$200
IPC Supervision	\$200

Max TP: _____ **Max Rate:** _____ **Total fluid pmpd:** _____
Avg TP: _____ **Avg Rate:** _____ **Total Prop pmpd:** _____
ISIP: _____ **5 min:** _____ **10 min:** _____ **15 min:** _____

Completion Supervisor: Gary Dietz

DAILY COST: \$2,930
TOTAL WELL COST: \$227,328



Attachment B-1
7 of 9

DAILY COMPLETION REPORT

WELL NAME: Jonah Fed 2-11-9-16 Report Date: 11/5/00 Completion Day: 05
Operation: New Completion Rig: KES #965

WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2" 15.5# @ 5596' Csg PBTD: 5554'
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5430' BP/Sand PBTD: 5552'

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4736-4741'	4/20			
B2 sds	5027-5032'	4/20			
LoDC sds	5360-5369'	4/36			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 04-Nov-00 SITP: 500 SICP: 600

Bleed gas off well. Flows small amount & dies. RU swab equipment. IFL @ sfc. Made 2 swab runs with light fluid & heavy gas flow between runs. Rec 28 BO. Rev circ oil & gas f/ well. Rec est 70 BO, lost est 90 BW. Well static. TIH W/ tbg. Tag 2' new fill (5552'). LD excess tbg. TOH W/ tbg & NC. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, repaired Randys' 5 1/2" TA (45K), 171 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Strip off 5M frac head. Strip on 3M production tbg head. Set TA @ 5332' W/ SN @ 5366' & EOT @ 5430'. Land tbg W/ 14,000# tension. NU wellhead. SIFN W/ est 850 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 760 Starting oil rec to date: 152
Fluid lost/recovered today: 90 Oil lost/recovered today: 98
Ending fluid to be recovered: 850 Cum oil recovered: 250
IFL: sfc FFL: sfc FTP: Choke: Final Fluid Rate: Final oil cut: 90%

COSTS

PRODUCTION TBG DETAIL	ROD DETAIL	KES rig	
KB 10.00'		BOP	\$2,079
171 2 7/8 J-55 tbg (5321.78')		Water truck & water	\$130
TA (2.80' @ 5331.78' KB)		TA/SN	\$200
1 2 7/8 J-55 tbg (31.45')		HO trk	\$550
SN (1.10' @ 5366.03' KB)		IPC Supervision	\$580
2 2 7/8 J-55 tbg (62.78')			\$200
2 7/8 NC (.45')			
EOT 5430.36' W/ 10' KB			
TA f/ TSF 9-28-8-17			

DAILY COST: \$3,739

Completion Supervisor: Gary Dietz

TOTAL WELL COST: \$234,034

Attachment
G-1 989

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.
UTU-096550

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
JONAH

8. Well Name and No.
JONAH FED 2-11

9. API Well No.
43-013-32158

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.
Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
492 FNL 2075 FEL NW/NE Section 11, T9S R16E

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 checked="" 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 type="checkbox"/> Other
	<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.)*

Subject well had recompletion procedures initiated in the Green River formation on 10/29/02. Existing production equipment was pulled from well. A bit & scraper was ran in well. One new Green River interval were perforated and hydraulically fracture treated as follows: Stage #1: GB4 sds @ 4190'-4204' & GB6 sds @ 4234'-4236', 4238'-4242', 4246'-4248' and 4252'-4256' (All 4 JSPF) fraced down 5 1/2" 15.5# csg W/ 81,949# 20/40 mesh sand in 602 bbls Viking I-25 fluid. Frac was flowed back through chokes. Sand was cleaned from wellbore. New intervals were swab tested for sand cleanup. Bridge plug was removed from wellbore. BHA & production tbg were ran and anchored in well W/ tbg anchor @ 5329', pump seating nipple @ 5365' and end of tubing string @ 5428'. A repaired rod pump was ran in well on sucker rods. Well returned to production via rod pump on 11/2/02.

RECEIVED
NOV 07 2002
INLAND RESOURCES

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

Signed: Gary Dietz Title: Completion Foreman Date: 11/4/2002

CC: UTAH DOGM
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:
CC: Utah DOGM

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4140'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 201' balance plug using 23 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Perforate 4 JSPF @ 343'
6. Plug #4 Circulate 96 sx Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

Jonah Federal #2-11-9-16

Spud Date: 9/13/00
 Put on Production: 11/06/00
 GL: 5546' KB: 5556'

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (286.55')
 DEPTH LANDED: 293'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 155 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5599.54')
 DEPTH LANDED: 5595.54'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.

Proposed P & A Wellbore Diagram

Casing shoe @ 293'

Cement top @ 350'

96 sx Class G cement plug down the 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus to surface.

Perforate 4 SPF at 343'

120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1468-1588')

201' balance plug using 23 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2823-3024')

100' plug using 12 sx Class G cement on top of CIBP

CIBP set at 4140'

4190'-4204'

4234-4236

4238'-4242'

4246-4248'

4252-4256'

4736'-4741'

5027'-5032'

5360'-5369'

PBTD: 5554'

TD @ 5621'


<p>Jonah Federal #2-11-9-16 492 FNL & 2075 FWL NW/NE Section 11-T9S-R16E Duchesne Co, Utah API #43-013-32158; Lease #U-096550</p>

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.

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)

492 FNL 2075 FEL

NWNE Section 11 T9S R16E

5. Lease Serial No.

USA UTU-096550

6. If Indian, Allottee or Tribe Name.

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

GMBU

8. Well Name and No.

JONAH FED 2-11

9. API Well No.

4301332158

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

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 recomplete 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.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Eric Sundberg

Signature



Title

Regulatory Analyst

Date

3/29/10

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

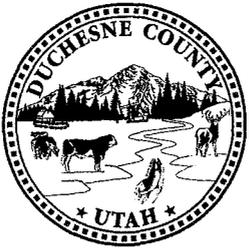
Title

Date

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

(Instructions on page 2)



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

April 26, 2010

Mr. Gil Hunt, Associate Director
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RECEIVED

APR 28 2010

DIV. OF OIL, GAS & MINING

RE: Newfield Production Company Injection Wells (Cause No UIC-364)

Dear Mr. Hunt:

We are in receipt of your notice regarding Newfield Production Company's request to convert three wells, located in Sections 3, 11 and 24, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

Mike Hyde, AICP
Community Development Administrator

pc: Mike Guinn, Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

Jean Sweet - RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-364

From: "NAC Legal" <naclegal@mediaoneutah.com>
To: "Jean Sweet" <jsweet@utah.gov>
Date: 4/23/2010 10:13 AM
Subject: RE: Notice of Agency Action - Newfield Production Company Cause No. UIC-364

Ad #570563 is scheduled to run April 27th in Salt Lake Tribune and on the website utahlegals.com .

Total charge is \$150.00. Please check the ad in the paper.

Thank you,

Lynn Valdez

MediaOne of Utah,

a Newspaper Agency Company

4770 South 5600 West

West Valley City, Utah 84118

Ph.: 801-204-6245

Email: naclegal@mediaoneutah.com

From: Jean Sweet [mailto:jsweet@utah.gov]
Sent: Thursday, April 22, 2010 2:53 PM
To: naclegal@mediaoneutah.com
Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-364

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as

soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 22, 2010

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-364

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 22, 2010

Via e-mail: ubs@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-364

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	4/28/2010

RECEIVED
MAY 05 2010

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000570563 /
SCHEDULE	
Start 04/27/2010	End 04/27/2010
CUST. REF. NO.	
UIC 364	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINI	
SIZE	
58 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGES
TOTAL COST	
150.00	

DIV. OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-364

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 3, 11, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
South Wells Draw Federal 16-3-9-16 well located in SE/4 SE/4, Section 3, Township 9 South, Range 16 East
Jonah Federal 2-11-9-16 well located in NW/4 NE/4, Section 11, Township 9 South, Range 16 East
Castle Peak Federal 12-24-9-16 well located in SW/4 NW/4, Section 24, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22nd day of April, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Gil Hunt
Gil Hunt
Associate Director UPAXLP

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF **BEFORE THE DIVISION OF OIL, GAS AND MINI** FOR **DIV OF OIL-GAS & MINING**, WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERT NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 04/27/2010 End 04/27/2010

SIGNATURE *[Signature]*

DATE 4/28/2010

VIRGINIA CRAFT
Notary Public, State of Utah
Commission # 581469
My Commission Expires
January 12, 2014

Virginia Craft

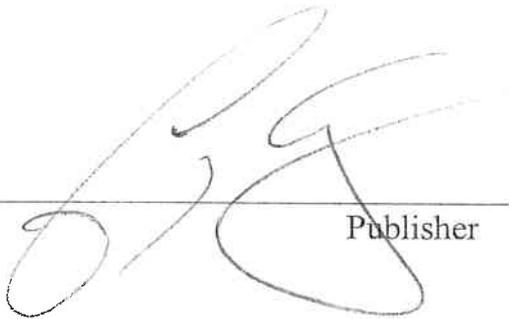
THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT

2250/REB/GGOICADMIN/BF10/6131

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 27 day of April, 2010, and that the last publication of such notice was in the issue of such newspaper dated the 27 day of April, 2010, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.



Publisher

Subscribed and sworn to before me this
27 day of April, 2010
Bonnie Parrish

Notary Public



NOTICE OF AGENCY ACTION CAUSE NO. UIC-364

BEFORE THE DIVISION OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES

STATE OF UTAH
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 3, 11, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

South Wells Draw Federal 16-3-9-16 well located in SE/4 SE/4, Section 3, Township 9 South, Range 16 East

Jonah Federal 2-11-9-16 well located in NW/4 NE/4, Section 11, Township 9 South, Range 16 East

Castle Peak Federal 12-24-9-16 well located in SW/4 NW/4, Section 24, Township 9 South, Range 16 East

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on frac-

Subscribed and sworn to before me this

29 day of April, 2010

Bonnie Parrish

Notary Public



wells:
Greater Monument
Butte Unit:
South Wells Draw
Federal 16-3-9-16 well
located in SE/4 SE/4,
Section 3, Township 9
South, Range 16 East
Jonah Federal 2-11-9-
16 well located in NW/4
NE/4, Section 11, Town-
ship 9 South, Range 16
East

Castle Peak Federal
12-24-9-16 well located
in SW/4 NW/4, Section
24, Township 9 South,
Range 16 East

The proceeding will
be conducted in accor-
dance with Utah Admin.
R649-10, Administrative
Procedures.

Selected zones in the
Green River Formation
will be used for water
injection. The maximum
requested injection pres-
sures and rates will be
determined based on frac-
ture gradient information
submitted by Newfield
Production Company.

Any person desiring to
object to the application
or otherwise intervene in
the proceeding, must file a
written protest or notice of
intervention with the Di-
vision within fifteen days
following publication of
this notice. The Division's
Presiding Officer for the
proceeding is Gil Hunt,
Associate Director, at P.O.
Box 145801, Salt Lake
City, UT 84114-5801,
phone number (801) 538-
5340. If such a protest or
notice of intervention is
received, a hearing will be
scheduled in accordance
with the aforementioned
administrative procedural
rules. Protestants and/or
interveners should be
prepared to demonstrate
at the hearing how this
matter affects their inter-
ests.

Dated this 22nd day of
April, 2010.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

/s/

Gil Hunt
Associate Director

Published in the Uintah
Basin Standard April 27,
2010.

Return payment to:

288 S 200 E,
Roosevelt, Utah 84066

Utah Basin
Standard
Tel: 435-722-5131
www.ubstandard.com

VERNAL
Express
Tel: 435-789-3511
www.vernal.com

INVOICE

RECEIVED
MAY 03 2010
DIV. OF OIL, GAS & MINING
C E

No: 56040

DIVISION OF OIL GAS & MINING
Rose Nolton
1594 W. N.TEMPLE STE 121
PO BOX 145801
SALT LAKE CITY. UT 84114-5801

Customer No. 2080 SalesPerson Parrish Invoice Date 4/28/2010

Date	Reference	Description	Quantity	Charge
4/27/2010	56040	UB-Legal Notice Notice of Agency Action - Cause No. UIC-364 Ran April 27, 2010	1.00	\$97.60

Invoice Amount: \$97.60

Thank you for your business!

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-364

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 3, 11, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Castle Peak Federal 12-24-9-16 well located in SW/4 NW/4, Section 24, Township 9 South, Range 16 East

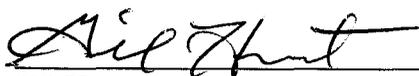
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 22nd day of April, 2010.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



Gil Hunt
Associate Director

Newfield Production Company

**SOUTH WELLS DRAW FEDERAL 16-3-9-16,
JONAH FEDERAL 2-11-9-16,
CASTLE PEAK FEDERAL 12-24-9-16.**

Cause No. UIC-364

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052

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

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102-2818

A handwritten signature in black ink that reads "Jean Sweet". The signature is written in a cursive style and is positioned above a horizontal line.



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 30, 2010

Amended November 5, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Jonah Federal 2-11, Section 11, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah
API Well #43-013-32158

Ladies and Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. As a condition of raising the top of the injection interval, it is stipulated that in the Federal 32-11J (43-013-31386) well, the pressure shall be monitored between the surface casing and the production casing on a regular basis. Any observed pressure changes shall be reported to the Division immediately.
6. The top of the injection interval shall be limited to a depth no higher than ~~4,710 feet~~ **amended to 4,150 feet** in the Jonah Federal 2-11 well.



November 5, 2012

Amended Approval to Convert – Jonah Federal 2-11

Page 2

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801.538.5333 or Brad Hill at 801.538.5315.

Sincerely,

John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, EPA
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\Chron File\UIC

Mark Reinbold - Re: Jonah 2-11-9-16 Conversion Permit

From: Mark Reinbold
To: Jake Fulcher
Date: 11/5/2012 9:20 AM
Subject: Re: Jonah 2-11-9-16 Conversion Permit

Jake,

I discussed it with Brad. It looks like we will bite on the pressure monitoring. However, I will need to do an amended conversion permit, which can probably be done this week. Please wait till you have the permit in hand.

Mark Reinbold
Utah DNR/DOGM
801-538-5333

>>> Jake Fulcher <jfulcher@newfield.com> 11/5/2012 8:43 AM >>>

Mark,

Per our conversation last week, I'd like to restate my request that top of injection be raised on the Jonah 2-11-9-16 conversion permit to 4150'. The permit currently states top of injection no higher than 4710'. The deep TOI is due to cement in the 32-11J-9-16, which shows poor bond index from +/- 4590' to TOC at +/-1450'.

We currently have open perms in the 2-11-9-16 from 4190 to 5369 w/the majority above 4710' (see attached WBD) and I don't want to lose 3/4 of the wellbore to injection. There is cement in the 32-11J and I don't see remedial cementing as a viable option in this wellbore. I believe **regular monitoring of surface casing pressure on the 32-11J is sufficient to confirm behind pipe integrity.**

We could run RATS on the 32-11J. That would only tell us if we were communicating behind pipe on the **32-11J injection well only.** It would serve no purpose in determining if there was communication from the 2-11 to the 32-11J. To my knowledge, there isn't a viable logging technique to determine communication from the two wells.

I see both sides of the argument here and I am able to comply with the current permit. I just hate having to lose these sands in the 2-11-9-16 because of an offset injector that has cement and no practical option for remedial work. Let me know what you decide and I'd be happy to discuss further if you'd like.

Thanks,

-Jake

Jake Fulcher

Engineer.Production
Office: 303-383-4113
Mobile: 435-322-0257





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 30, 2010

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Jonah Federal 2-11
Section 11, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah
API Well # 43-013-32158

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 4,710 feet in the Jonah Federal 2-11 well.



Page 2
Jonah Federal 2-11
June 30, 2010

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

A handwritten signature in black ink, appearing to read "Dan Jarvis", with a stylized flourish at the end.

Dan Jarvis
Acting Associate Director

DJJ/MLR/js
cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Jonah Federal 2-11-9-16

Location: 11/9S/16E **API:** 43-013-32158

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and leaseholders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 293 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,996 feet. A cement bond log demonstrates adequate bond in this well up to 3,660 feet. A 2 7/8 inch tubing with a packer will be set at 4,140 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 7 producing wells and 6 injection wells in the AOR. One of the producing wells has a surface location inside the AOR, but the bottom hole location is slightly outside the AOR. In addition, there is currently 1 well being directionally drilled from a surface location outside the AOR to a bottom hole location inside the AOR and 1 currently permitted surface location outside the AOR from which a well will be drilled to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement except the Monument Federal 32-11J (API # 43-013-31386). The Monument Federal 32-11J CBL (9/16/1993) demonstrates the TOC @ 4,606 feet. To protect the Monument Federal 32-11J wellbore Newfield will not perforate the Jonah Federal 2-11-9-16 above 4,710 feet. Inasmuch as some logs are of dubious quality or do not exhibit conclusive cement tops, it has been necessary to calculate approximate tops for "lite" cement, based on the cement indicated in the well completion report.

Update (2/26/2013): The original conversion approval was issued 6/30/2010, stipulating an injection top no higher than 4,710 feet. On 11/5/2012 Newfield requested that the permitted injection top be raised to 4,150 feet. DOGM agreed to allow Newfield's request, with the stipulation that Newfield should monitor the pressure between the surface casing and the production casing in the Federal 32-11J (43-013-31386) well. An amended conversion approval was issued 11/5/2012, allowing raising the injection top to 4,150 feet, with the monitoring stipulation.

Jonah Federal 2-11-9-16

page 2

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 1500 feet. The requested injection interval is between 4,020 feet and 5,621 feet in the Green River Formation. However, the top of the acceptable cement is at 4,606 feet in the Monument Federal 32-11J well (API # 43-013-31386), an existing water injection well located within the AOR, approximately 1/3 mile south of the Jonah Federal 2-11 well. Also, the calculated cement top is about 4350 feet in the Walton Federal No. 4 well (API # 43-013-15795), located in the AOR approximately 1/3 mile southwest of Jonah Federal 2-11 well. The cement top in the Monument Federal 32-11J well correlates to a depth of about 4,610 feet in the Jonah Federal 2-11 well. Furthermore, since the Monument Federal 32-11 is an active water injection well, with a permitted injection interval of 4,740-5,170 feet, it is determined that the top of the injection interval should be permitted no higher than a depth of 4,710 feet in the Jonah Federal 2-11 well. (See update above). Information submitted by Newfield indicates that the fracture gradient for the 2-11-9-16 well is 0.83 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,967 psig. The requested maximum pressure is 1,967 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any groundwater present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 6/30/2010 (updated 2/26/2013)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: JONAH FED 2-11	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013321580000	
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: 0492 FNL 2075 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 09.0S Range: 16.0E 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"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/14/2013			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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 02/14/2013. On 02/13/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/14/2013 the casing was pressured up to 1150 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 a State representative available to witness the test.

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

Date: February 25, 2013

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/21/2013	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 2/14/13 Time 11:00 am pm
Test Conducted by: EVERETT UNRUH
Others Present: _____

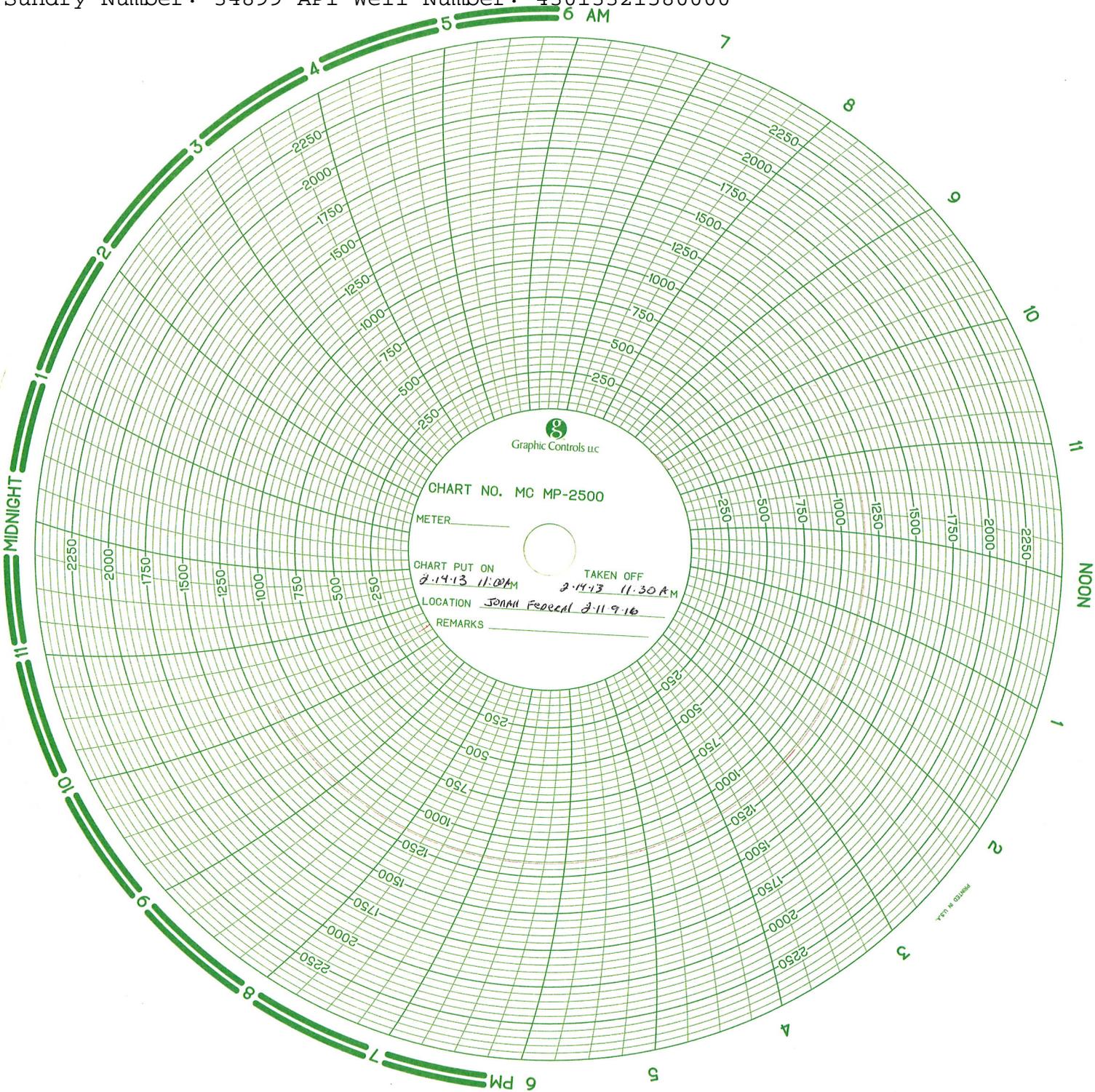
Well: JONAH FEDERAL 2-11-9-10 Field: MONUMENT BUTTE
Well Location: NWNE SEC 11 T9S R10E API No: 43-013-39158
Duchesne COUNTY, UT

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1150</u>	psig
5	<u>1150</u>	psig
10	<u>1150</u>	psig
15	<u>1150</u>	psig
20	<u>1150</u>	psig
25	<u>1150</u>	psig
30 min	<u>1150</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result: Pass Fail

Signature of Witness: _____
Signature of Person Conducting Test: Everett Unruh



Graphic Controls LLC

CHART NO. MC MP-2500

METER _____

CHART PUT ON

2-14-13 11:00 AM

TAKEN OFF

2-14-13 11:30 AM

LOCATION

JONAH Federal 2-11 9-16

REMARKS _____

GRAPHIC CONTROLS

Daily Activity Report

Format For Sundry

JONAH 2-11-9-16

12/1/2012 To 4/28/2013

2/12/2013 Day: 1

Conversion

WWS #9 on 2/12/2013 - MIRUSU, PSI test, release tub anchor - Pump 60 bbls down csg, PW on rods unseat pump, flush tbg w/35 bbls reset pump. Fill tbg w/ 3bbls. Test to 3000psi, good, start LD rods, 96 out, flush tbg. Cont LD rods 85 slick flush w/25 bbls cont LD rods 3 more slick 30-3/4 4 pers 6 wtbars, 1 stabilizer, pump x-over to tbg end. ND wellhead PU on tbg release TAC NU BOP's RD floor break collars and talley out of hole w/tbg 60 jts flush tbg w/ 30 bbls @250F cont TOO H 20jts - Pump 60 bbls down csg, PW on rods unseat pump, flush tbg w/35 bbls reset pump. Fill tbg w/ 3bbls. Test to 3000psi, good, start LD rods, 96 out, flush tbg. Cont LD rods 85 slick flush w/25 bbls cont LD rods 3 more slick 30-3/4 4 pers 6 wtbars, 1 stabilizer, pump x-over to tbg end. ND wellhead PU on tbg release TAC NU BOP's RD floor break collars and talley out of hole w/tbg 60 jts flush tbg w/ 30 bbls @250F cont TOO H 20jts

Finalized

Daily Cost: \$0

Cumulative Cost: \$17,090

2/13/2013 Day: 2

Conversion

WWS #9 on 2/13/2013 - TOO H w/tbg breaking and redoping collars - Cont tooh w/tbg 53 jts, flush tbg w/ 25 bbls. LD 40 jts onto trailer. RIH w. 2 3/8 wireline re-entry guide, 2 3/8 XN nipple,, 1.87 profile, 4X2 2/3 sub, 2 3/8 x 2 3/8 XO arrow set 1 pkr on-off tool w, 15bbls press up to 3000psi. Lost pressure, nack up tp 3000psi, good test. Bleed off press, RU sandline, RIH to retireve SV POOH RD sandline RD floor and tbg. NU bops NU B-1 adapter pump packer fluid first thing in morning. - Cont tooh w/tbg 53 jts, flush tbg w/ 25 bbls. LD 40 jts onto trailer. RIH w. 2 3/8 wireline re-entry guide, 2 3/8 XN nipple,, 1.87 profile, 4X2 2/3 sub, 2 3/8 x 2 3/8 XO arrow set 1 pkr on-off tool w, 15bbls press up to 3000psi. Lost pressure, nack up tp 3000psi, good test. Bleed off press, RU sandline, RIH to retireve SV POOH RD sandline RD floor and tbg. NU bops NU B-1 adapter pump packer fluid first thing in morning. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$23,330

2/14/2013 Day: 3

Conversion

WWS #9 on 2/14/2013 - set packer, pressure test - pump 70 bbls pkr fluid, pu set pkr @ 4155 to CE EOT @4164. NU well head fill csg, 2 bbls pressure up to 1500 psi. Watch for 30 mins. Lost 60 , bump back up to 1500, watch 30 min. RDMO - pump 70 bbls pkr fluid, pu set pkr @ 4155 to CE EOT @4164. NU well head fill csg, 2 bbls pressure up to 1500 psi. Watch for 30 mins. Lost 60 , bump back up to 1500, watch 30 min. RDMO

Daily Cost: \$0

Cumulative Cost: \$26,640

2/19/2013 Day: 4

Conversion

Rigless on 2/19/2013 - Conduct initial MIT - On 02/13/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/14/2013 the casing was pressured up to 1150 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 a State representative available to witness the test. - On 02/13/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 02/14/2013 the casing was pressured up to 1150 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 a State representative available to witness the test.

Daily Cost: \$0

Cumulative Cost: \$58,474

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: JONAH FED 2-11
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013321580000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0492 FNL 2075 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 11 Township: 09.0S Range: 16.0E 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: 3/5/2013	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

The above reference well was put on injection at 8:30 AM on
03/05/2013.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 05, 2013

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/5/2013	

Spud Date: 9/13/00
 Put on Production: 11/06/00
 GL: 5546' KB: 5556'

Jonah Federal 2-11-9-16

Initial Production: 104 BOPD,
 103 MCFD, 5 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (286.55')
 DEPTH LANDED: 293'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 155 sxs Class "G" cmt

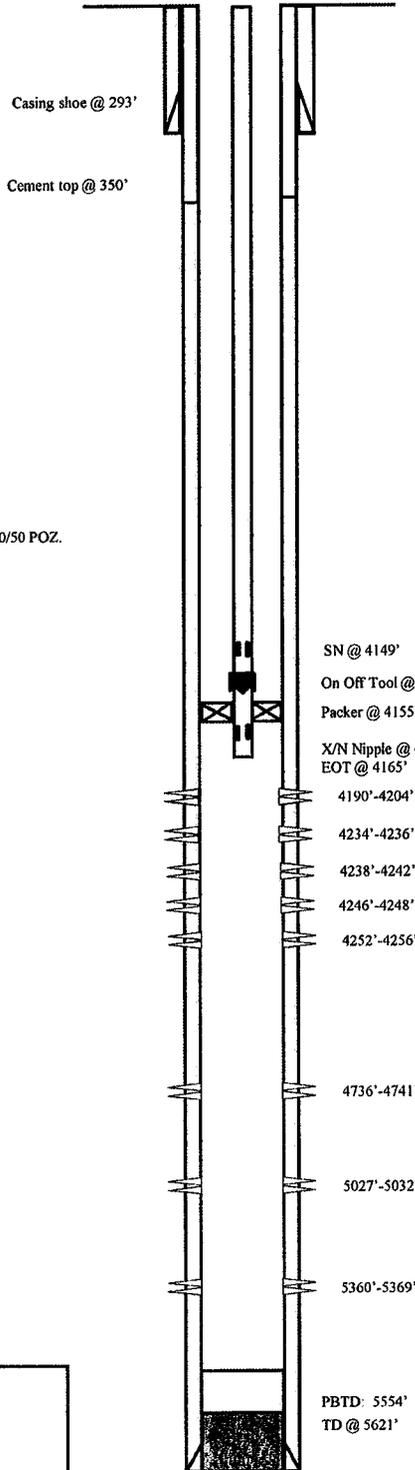
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 132 jts. (5599.54')
 DEPTH LANDED: 5595.54'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sx Prem. Lite II mixed & 400 sx 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4136.7')
 SEATING NIPPLE: 2-7/8" (1 10")
 SN LANDED AT: 4148.7' KB
 ON/OFF TOOL AT: 4149.8'
 ARROW #1 PACKER CE AT: 4155.24'
 XO 2-3/8 x 2-7/8 J-55 AT: 4158.8'
 TBG PUP 2-3/8 J-55 AT: 4159.3'
 X/N NIPPLE AT: 4163.5'
 TOTAL STRING LENGTH. EOT @ 4164.98'

Injection Wellbore
 Diagram



FRAC JOB

11/01/00 5360'-5369' **Frac LoDC sands as follows:**
 45,000# 20/40 sand in 346 bbls Viking I-25 fluid. Treated @ avg press of 2500 psi w/ avg rate of 25 BPM. ISIP - 2640 psi. Calc. flush: 5360 gal. Actual flush: 5292 gal.

11/01/00 5027'-5032' **Frac B2 sands as follows:**
 25,800# 20/40 sand in 227 bbls Viking I-25 fluid. Treated @ avg press of 2400 psi w/ avg rate of 25 BPM. ISIP 2000 psi. Calc. flush: 5027 gal. Actual flush: 4956 gal.

11/01/00 4736'-4741' **Frac D1 sands as follows:**
 28,120# 20/40 sand in 288 bbls Viking I-25 fluid. Treated @ avg press of 2200 psi w/ avg rate of 25.5 BPM. ISIP 2200 psi. Calc. flush: 4736 gal. Actual flush: 4662 gal.

10/31/02 4190'-4256' **Frac GB4 and GB6 sands as follows:**
 81,949# 20/40 sand in 602 bbls Viking I-25 fluid. Treated @ avg pressure of 1925 psi w/ avg rate of 25 BPM. ISIP 2080 psi. Calc. flush: 4190. Actual flush: 4116.

12/23/05 **Tubing leak.** Update rod and tubing details.
 12-18-07 **Parted rods.** Updated rod & tubing details.
 7/21/08 **parted rods.** Updated tubing and rod detail.
 1-3-09 **Parted Rods.** Updated rod & tubing details.
 08/06/11 **Parted Rods.** Rods & tubing updated.
 02/14/13 **Convert to Injection Well**
 02/14/13 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

Date	Depth Range	Tool	Holes
11/01/00	5360'-5269'	4 JSPF	36 holes
11/01/00	5027'-5032'	4 JSPF	20 holes
11/01/00	4736'-4741'	4 JSPF	20 holes
10/30/02	4252'-4256'	4 JSPF	16 holes
10/30/02	4246'-4248'	4 JSPF	8 holes
10/30/02	4238'-4242'	4 JSPF	16 holes
10/30/02	4234'-4236'	4 JSPF	8 holes
10/30/02	4190'-4204'	4 JSPF	56 holes

NEWFIELD

Jonah Federal 2-11-9-16
 492 FNL & 2075 FWL
 NW/NE Section 11-T9S-R16E
 Duchesne Co, Utah
 API #43-013-32158; Lease #U-096550



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

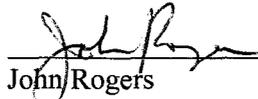
UNDERGROUND INJECTION CONTROL PERMIT Cause No. UIC-364

Operator: Newfield Production Company
Well: Jonah Federal 2-11
Location: Section 11, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-32158
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 30, 2010 and amended November 5, 2012.
2. Maximum Allowable Injection Pressure: 1,967 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,150' – 5,621')
5. As a condition of raising the top of the injection interval to 4,150 feet (per amended conversion permit), it is stipulated that in the Federal 32-11J well (43-013-31386), the pressure between the surface casing and the production casing shall be monitored on a regular basis. Any observed pressure changes shall be reported to the Division immediately.
6. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

2/23/13
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

