

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-096550
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Jonah Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Jonah Federal G-11-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-34081
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 851' FNL 706' FWL At proposed prod. zone 1380' FNL 1365' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 19.1 miles south of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 11, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1365' f/lease, 1365' f/unit	16. No. of Acres in lease 840.00	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1170'	19. Proposed Depth 6105'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5551' GL	22. Approximate date work will start* 4th Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 8/28/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 12-22-08
Title Office	ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the 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, are attached.

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

*(Instructions on reverse)

RECEIVED

SEP 08 2008

DIV. OF OIL, GAS & MINING

Federal Approval of this Action is Necessary

BHL

577375X

577578X

4433514Y

4433355Y

40.050211

40.048761

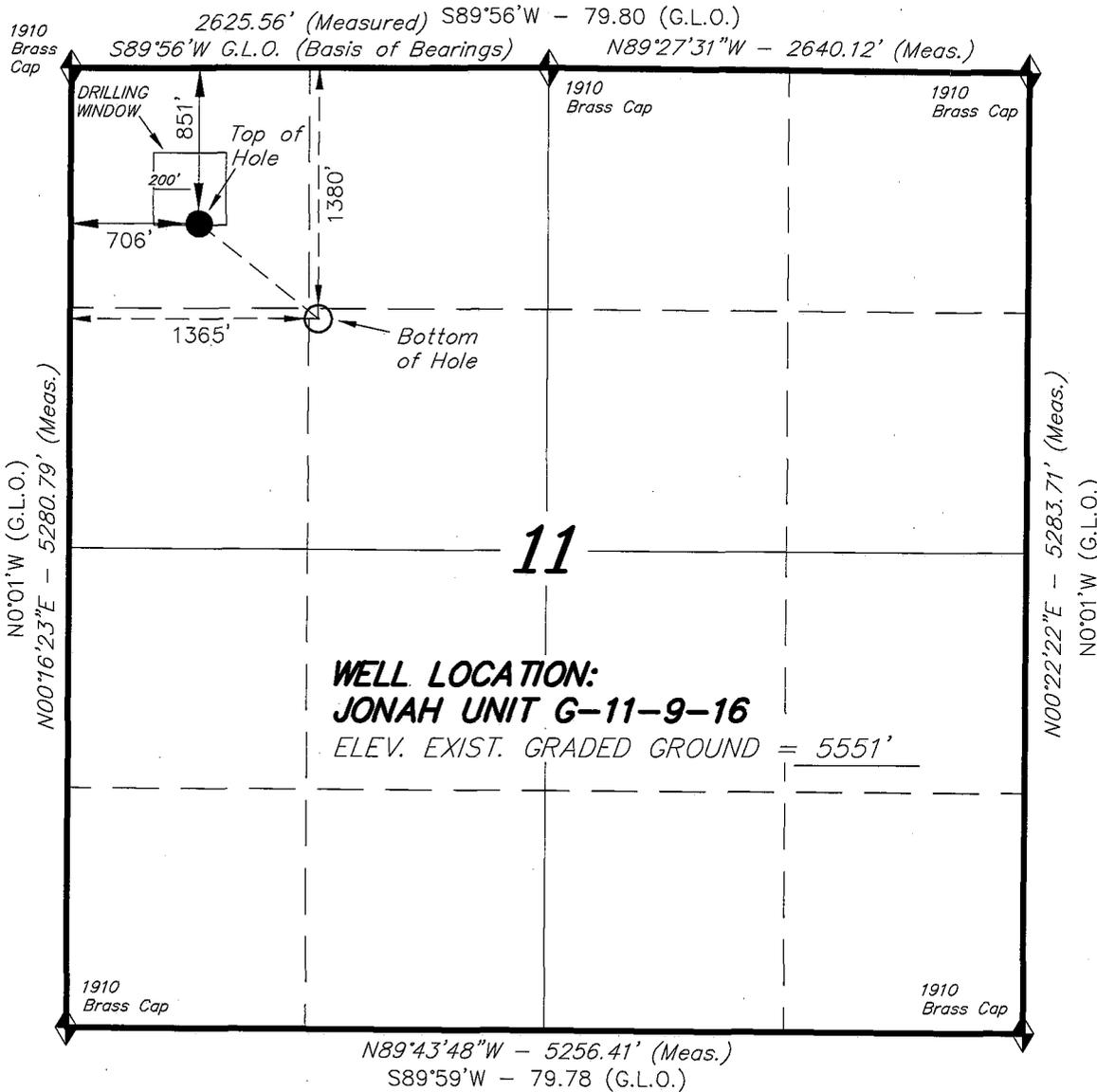
-110.092907

-110.090541

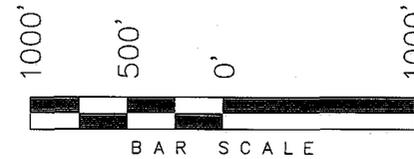
Surd

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

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, JONAH UNIT G-11-9-16,
 LOCATED AS SHOWN IN THE NW 1/4 NW
 1/4 OF SECTION 11, T9S, R16E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



WELL LOCATION:
JONAH UNIT G-11-9-16
 ELEV. EXIST. GRADED GROUND = 5551'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377

Stacy W. Stewart
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

◆ = SECTION CORNERS LOCATED

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

JONAH UNIT G-11-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 03' 00.97"
 LONGITUDE = 110° 05' 36.52"

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 05-13-08	SURVEYED BY: T.H.
DATE DRAWN: 06-02-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL G-11-9-16
AT SURFACE: NW/NW 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' – 1493'
Green River	1493'
Wasatch	6105'

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

Green River Formation 1493' – 6105' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

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 1800 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.

**NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL G-11-9-16
AT SURFACE: NW/NW 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 Newfield Production Company well location site Jonah Federal G-11-9-16 located in the NW 1/4 NW 1/4 Section 11, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southwesterly - 11.4 miles \pm to it's junction with an existing dirt road to the southeast; proceed southeasterly - 0.3 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 5.3 miles \pm to it's junction with an existing road to the southwest; proceed southwesterly - 0.1 miles \pm to it's junction with an existing road to the northwest; proceed northwesterly - 0.3 miles \pm to it's junction with the beginning of the access road to the existing Jonah 4-11-9-16 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Jonah 4-11-9-16 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Jonah 4-11-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Jonah Federal G-11-9-16. All permanent surface equipment will be painted Carlsbad Canyon.

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

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right : 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Jonah Federal G-11-9-16 will be drilled off of the existing Jonah 4-11-9-16 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 1260' of disturbed area be granted in Lease UTU-096550 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #08-197, 8/22/08. Paleontological Resource Survey prepared by, Wade E. Miller, 7/25/08. See attached report cover pages, **Exhibit "D"**.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Jonah Federal G-11-9-16.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrell Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal G-11-9-16 was on-sited on 7/16/08. The following were present; Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

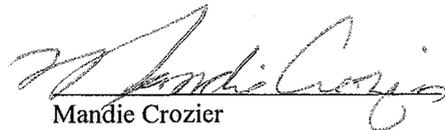
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #G-11-9-16 NW/NW Section 11, Township 9S, Range 16E: 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, Federal Bond #WYB000493.

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 Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

8/28/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: Jonah Unit
Well: Jonah Unit G-11-9-16
Wellbore: OH
Design: Plan #1

Newfield Exploration Co.

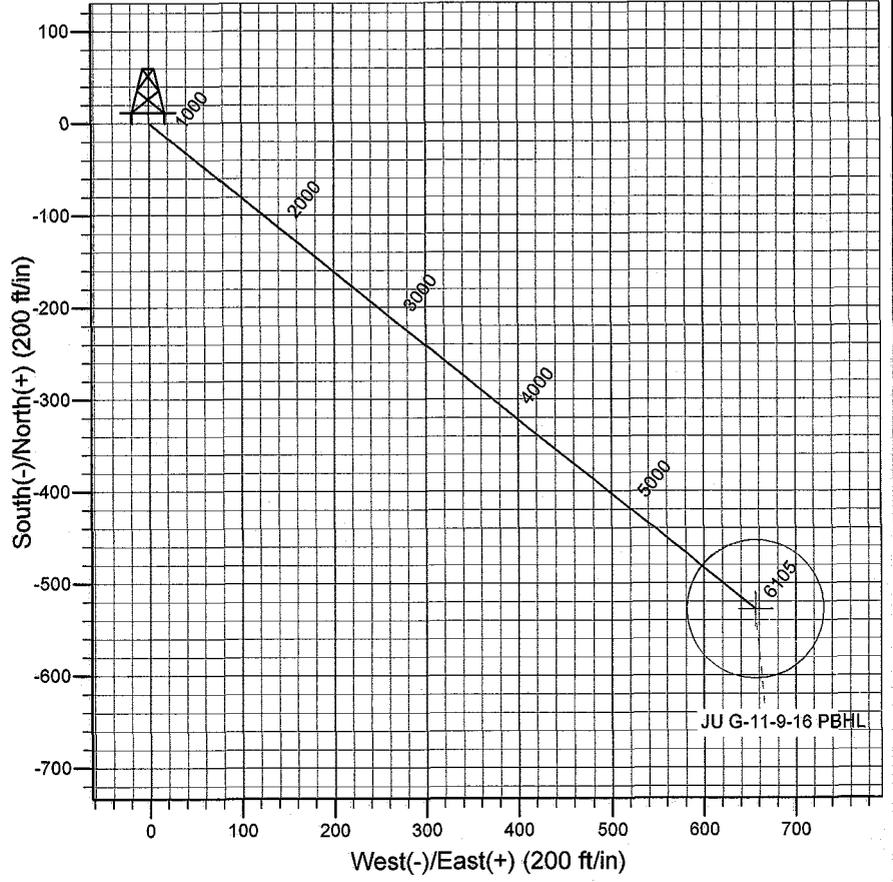
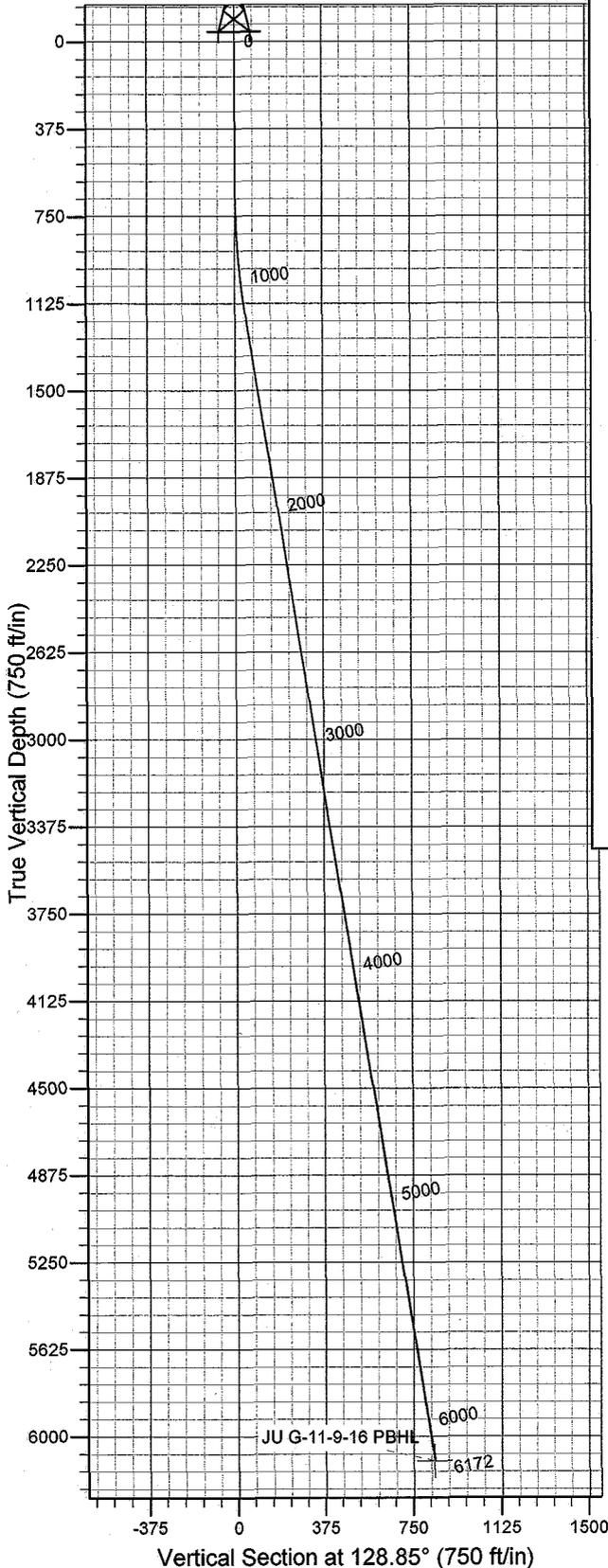


Azimuths to True North
Magnetic North: 11.69°

Magnetic Field
Strength: 52582.4snT
Dip Angle: 65.87°
Date: 2008-07-14
Model: IGRF2005-10

WELL DETAILS: Jonah Unit G-11-9-16

GL 5551' & RKB 12' @ 5563.00ft 5551.00
+N/-S 0.00 +E/-W 0.00 Northing 7190144.51 Easting 2034133.83 Latitude 40° 3' 0.970 N Longitude 110° 5' 36.520 W



Plan: Plan #1 (Jonah Unit G-11-9-16/OH)
Created By: Julie Cruse Date: 2008-07-14
PROJECT DETAILS: Duchesne County, UT NAD83 UTC
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
Location:
System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
1213.90	9.21	128.85	1211.26	-30.88	38.34	1.50	128.85	49.23	
6171.53	9.21	128.85	6105.00	-528.54	656.20	0.00	0.00	842.59	JU G-11-9-16 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Jonah Unit

Jonah Unit G-11-9-16

OH

Plan: Plan #1

Standard Planning Report

14 July, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Jonah Unit
Well: Jonah Unit G-11-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit G-11-9-16
TVD Reference: GL 5551' & RKB 12' @ 5563.00ft
MD Reference: GL 5551' & RKB 12' @ 5563.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Duchesne County, UT NAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Jonah Unit,				
Site Position:		Northing:	7,195,384.71 ft	Latitude:	40° 3' 51.060 N
From:	Lat/Long	Easting:	2,044,880.81 ft	Longitude:	110° 3' 17.240 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.93 °

Well	Jonah Unit G-11-9-16, 851' FNL 706' FWL Sec 11 T9S R18E					
Well Position	+N/-S	0.00 ft	Northing:	7,190,144.51 ft	Latitude:	40° 3' 0.970 N
	+E/-W	0.00 ft	Easting:	2,034,133.83 ft	Longitude:	110° 5' 36.520 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,551.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-07-14	11.69	65.87	52,582

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	128.85

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,213.90	9.21	128.85	1,211.26	-30.88	38.34	1.50	1.50	0.00	128.85	
6,171.53	9.21	128.85	6,105.00	-528.54	656.20	0.00	0.00	0.00	0.00	JU G-11-9-16 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Jonah Unit
Well: Jonah Unit G-11-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit G-11-9-16
TVD Reference: GL 5551' & RKB 12' @ 5563.00ft
MD Reference: GL 5551' & RKB 12' @ 5563.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	128.85	699.99	-0.82	1.02	1.31	1.50	1.50	0.00
800.00	3.00	128.85	799.91	-3.28	4.08	5.23	1.50	1.50	0.00
900.00	4.50	128.85	899.69	-7.39	9.17	11.77	1.50	1.50	0.00
1,000.00	6.00	128.85	999.27	-13.13	16.30	20.92	1.50	1.50	0.00
1,100.00	7.50	128.85	1,098.57	-20.50	25.45	32.68	1.50	1.50	0.00
1,200.00	9.00	128.85	1,197.54	-29.50	36.62	47.03	1.50	1.50	0.00
1,213.90	9.21	128.85	1,211.26	-30.88	38.34	49.23	1.50	1.50	0.00
1,300.00	9.21	128.85	1,296.25	-39.52	49.07	63.00	0.00	0.00	0.00
1,400.00	9.21	128.85	1,394.96	-49.56	61.53	79.01	0.00	0.00	0.00
1,500.00	9.21	128.85	1,493.67	-59.60	73.99	95.01	0.00	0.00	0.00
1,600.00	9.21	128.85	1,592.38	-69.64	86.46	111.01	0.00	0.00	0.00
1,700.00	9.21	128.85	1,691.10	-79.68	98.92	127.02	0.00	0.00	0.00
1,800.00	9.21	128.85	1,789.81	-89.71	111.38	143.02	0.00	0.00	0.00
1,900.00	9.21	128.85	1,888.52	-99.75	123.85	159.02	0.00	0.00	0.00
2,000.00	9.21	128.85	1,987.23	-109.79	136.31	175.03	0.00	0.00	0.00
2,100.00	9.21	128.85	2,085.94	-119.83	148.77	191.03	0.00	0.00	0.00
2,200.00	9.21	128.85	2,184.65	-129.87	161.23	207.03	0.00	0.00	0.00
2,300.00	9.21	128.85	2,283.36	-139.91	173.70	223.03	0.00	0.00	0.00
2,400.00	9.21	128.85	2,382.07	-149.94	186.16	239.04	0.00	0.00	0.00
2,500.00	9.21	128.85	2,480.79	-159.98	198.62	255.04	0.00	0.00	0.00
2,600.00	9.21	128.85	2,579.50	-170.02	211.09	271.04	0.00	0.00	0.00
2,700.00	9.21	128.85	2,678.21	-180.06	223.55	287.05	0.00	0.00	0.00
2,800.00	9.21	128.85	2,776.92	-190.10	236.01	303.05	0.00	0.00	0.00
2,900.00	9.21	128.85	2,875.63	-200.14	248.47	319.05	0.00	0.00	0.00
3,000.00	9.21	128.85	2,974.34	-210.17	260.94	335.05	0.00	0.00	0.00
3,100.00	9.21	128.85	3,073.05	-220.21	273.40	351.06	0.00	0.00	0.00
3,200.00	9.21	128.85	3,171.76	-230.25	285.86	367.06	0.00	0.00	0.00
3,300.00	9.21	128.85	3,270.48	-240.29	298.33	383.06	0.00	0.00	0.00
3,400.00	9.21	128.85	3,369.19	-250.33	310.79	399.07	0.00	0.00	0.00
3,500.00	9.21	128.85	3,467.90	-260.37	323.25	415.07	0.00	0.00	0.00
3,600.00	9.21	128.85	3,566.61	-270.40	335.71	431.07	0.00	0.00	0.00
3,700.00	9.21	128.85	3,665.32	-280.44	348.18	447.07	0.00	0.00	0.00
3,800.00	9.21	128.85	3,764.03	-290.48	360.64	463.08	0.00	0.00	0.00
3,900.00	9.21	128.85	3,862.74	-300.52	373.10	479.08	0.00	0.00	0.00
4,000.00	9.21	128.85	3,961.45	-310.56	385.57	495.08	0.00	0.00	0.00
4,100.00	9.21	128.85	4,060.17	-320.60	398.03	511.09	0.00	0.00	0.00
4,200.00	9.21	128.85	4,158.88	-330.63	410.49	527.09	0.00	0.00	0.00
4,300.00	9.21	128.85	4,257.59	-340.67	422.95	543.09	0.00	0.00	0.00
4,400.00	9.21	128.85	4,356.30	-350.71	435.42	559.09	0.00	0.00	0.00
4,500.00	9.21	128.85	4,455.01	-360.75	447.88	575.10	0.00	0.00	0.00
4,600.00	9.21	128.85	4,553.72	-370.79	460.34	591.10	0.00	0.00	0.00
4,700.00	9.21	128.85	4,652.43	-380.83	472.81	607.10	0.00	0.00	0.00
4,800.00	9.21	128.85	4,751.14	-390.86	485.27	623.11	0.00	0.00	0.00
4,900.00	9.21	128.85	4,849.86	-400.90	497.73	639.11	0.00	0.00	0.00
5,000.00	9.21	128.85	4,948.57	-410.94	510.19	655.11	0.00	0.00	0.00
5,100.00	9.21	128.85	5,047.28	-420.98	522.66	671.11	0.00	0.00	0.00
5,200.00	9.21	128.85	5,145.99	-431.02	535.12	687.12	0.00	0.00	0.00

Scientific Drilling Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Jonah Unit
Well: Jonah Unit G-11-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit G-11-9-16
TVD Reference: GL 5551' & RKB 12' @ 5563.00ft
MD Reference: GL 5551' & RKB 12' @ 5563.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	9.21	128.85	5,244.70	-441.06	547.58	703.12	0.00	0.00	0.00
5,400.00	9.21	128.85	5,343.41	-451.09	560.05	719.12	0.00	0.00	0.00
5,500.00	9.21	128.85	5,442.12	-461.13	572.51	735.13	0.00	0.00	0.00
5,600.00	9.21	128.85	5,540.83	-471.17	584.97	751.13	0.00	0.00	0.00
5,700.00	9.21	128.85	5,639.55	-481.21	597.43	767.13	0.00	0.00	0.00
5,800.00	9.21	128.85	5,738.26	-491.25	609.90	783.13	0.00	0.00	0.00
5,900.00	9.21	128.85	5,836.97	-501.29	622.36	799.14	0.00	0.00	0.00
6,000.00	9.21	128.85	5,935.68	-511.32	634.82	815.14	0.00	0.00	0.00
6,100.00	9.21	128.85	6,034.39	-521.36	647.29	831.14	0.00	0.00	0.00
6,171.53	9.21	128.85	6,105.00	-528.54	656.20	842.59	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
JU G-11-9-16 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,105.00	-528.54	656.20	7,189,626.35	2,034,798.26	40° 2' 55.746 N	110° 5' 28.081 W

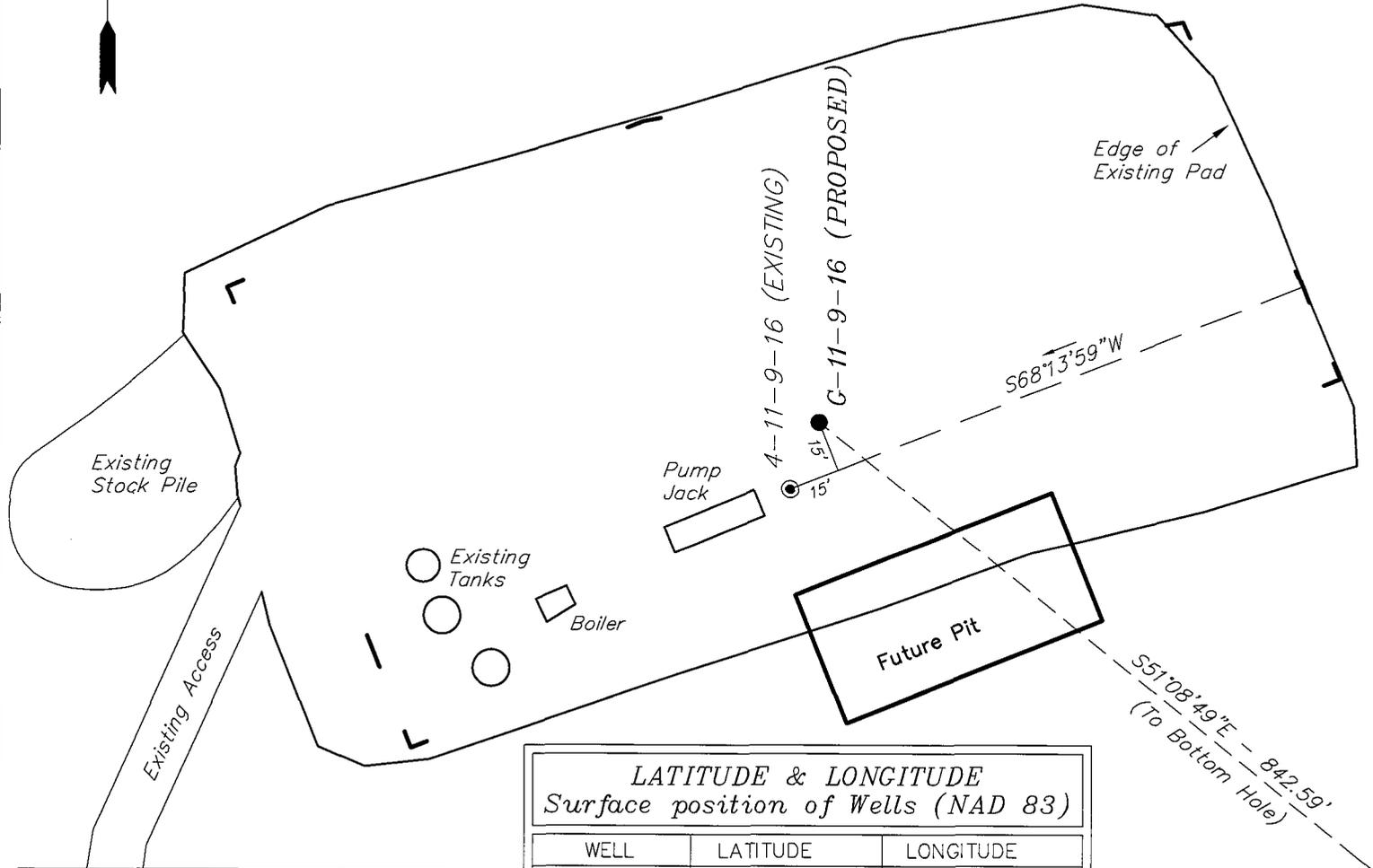
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

JONAH UNIT G-11-9-16 (Proposed Well)

JONAH UNIT 4-11-9-16 (Existing Well)

Pad Location: NWNW Section 11, T9S, R16E, S.L.B.&M.



TOP HOLE FOOTAGES

G-11-9-16 (PROPOSED)
851' FNL & 706' FWL

BOTTOM HOLE FOOTAGES

G-11-9-16 (PROPOSED)
1380' FNL & 1365' FWL

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
G-11-9-16	40° 03' 00.97"	110° 05' 36.52"
4-11-9-16	40° 03' 00.77"	110° 05' 36.62"

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
G-11-9-16	-529'	656'

SURVEYED BY: T.H.	DATE SURVEYED: 05-13-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-02-08
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

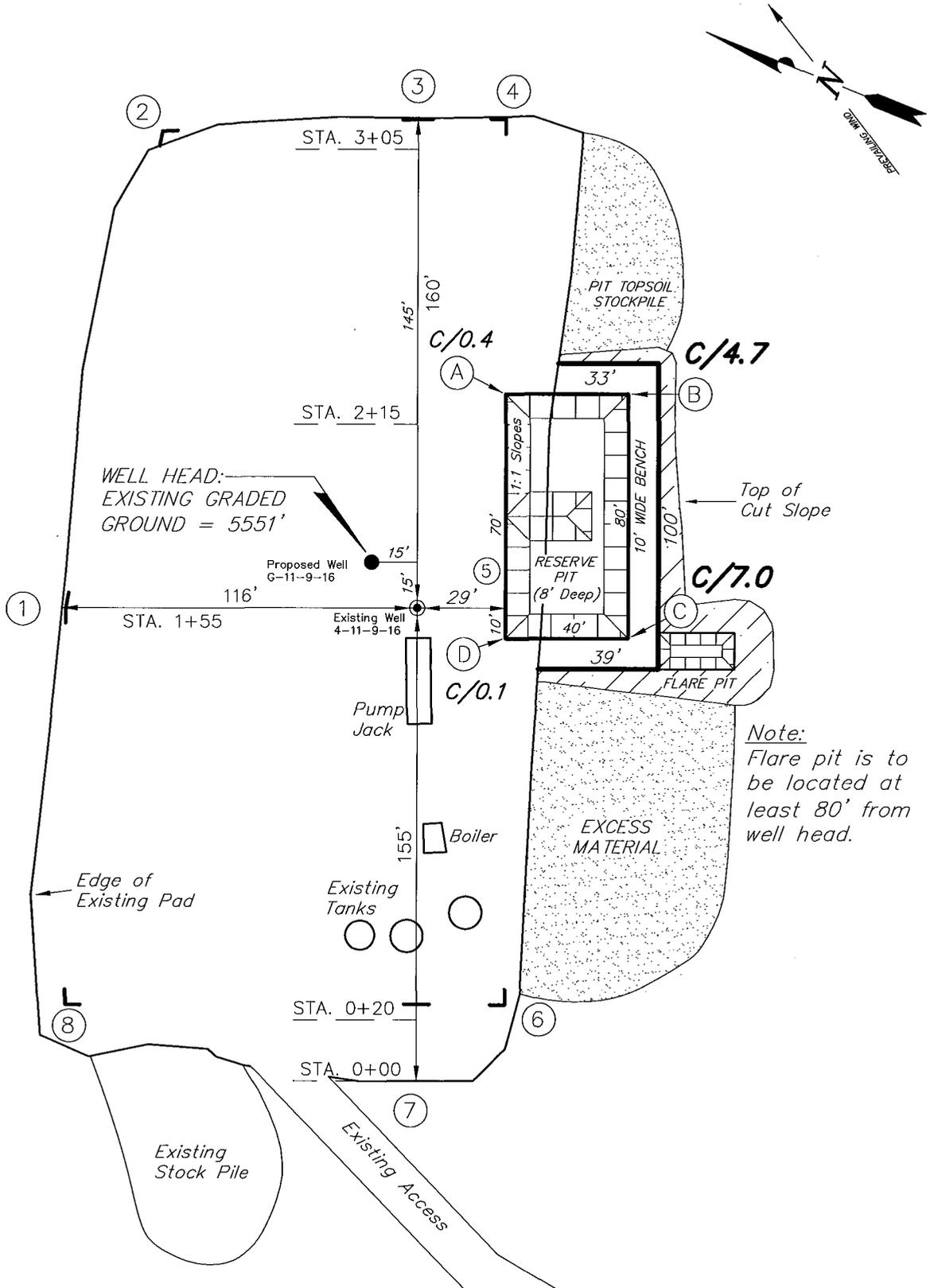
Note:
Bearings are based on GLO Information.

NEWFIELD PRODUCTION COMPANY

JONAH UNIT G-11-9-16 (Proposed Well)

JONAH UNIT 4-11-9-16 (Existing Well)

Pad Location: NWNW Section 11, T9S, R16E, S.L.B.&M.



SURVEYED BY: T.H.	DATE SURVEYED: 05-13-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-02-08
SCALE: 1" = 50'	REVISED:

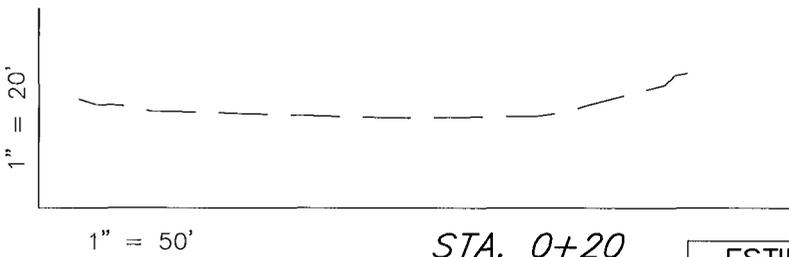
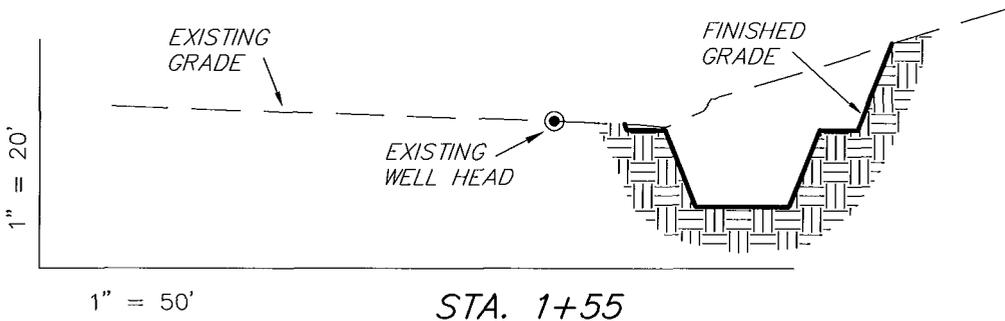
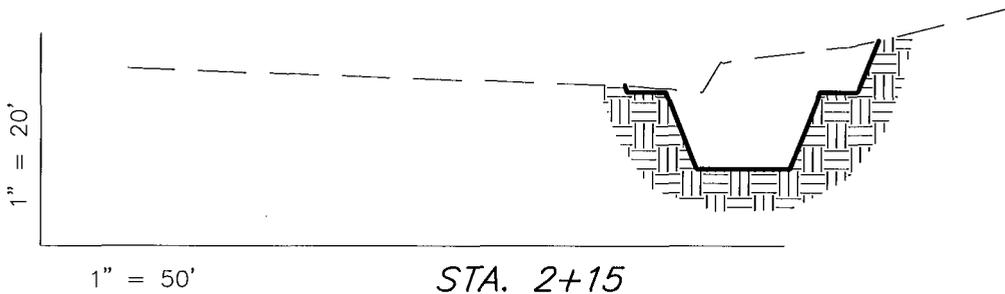
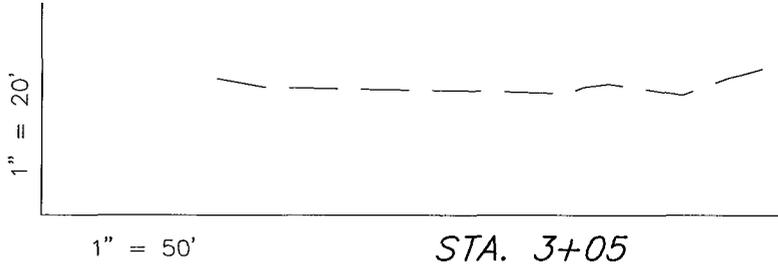
Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEW FIELD PRODUCTION COMPANY

CROSS SECTIONS

JONAH UNIT G-11-9-16 (Proposed Well)

JONAH UNIT 4-11-9-16 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,080	0	Topsoil is not included in Pad Cut	1,080
PIT	640	0		640
TOTALS	1,720	0	150	1,720

SURVEYED BY: T.H.	DATE SURVEYED: 05-13-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-02-08
SCALE: 1" = 50'	REVISED:

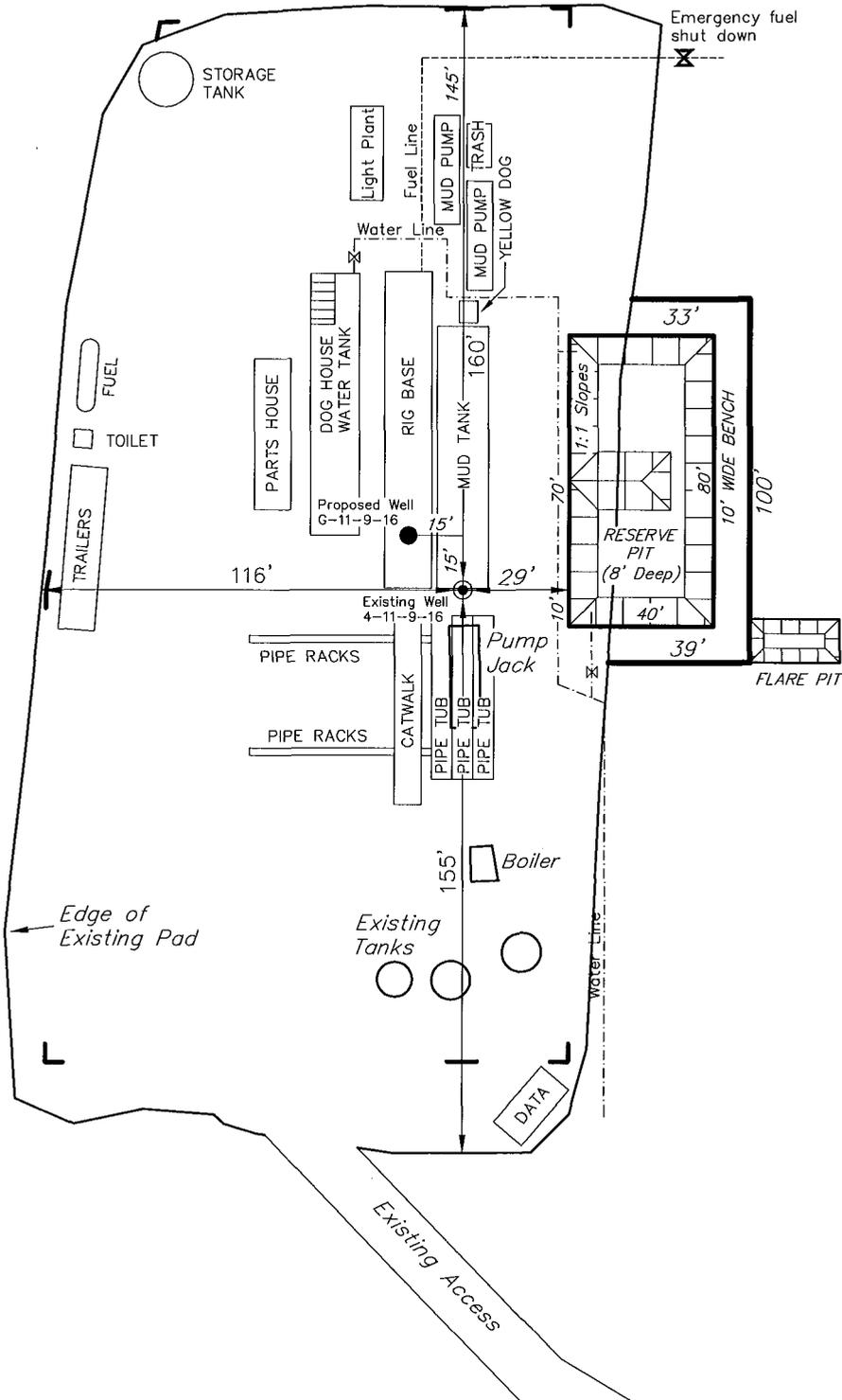
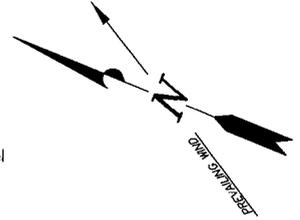
Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH UNIT G-11-9-16 (Proposed Well)

JONAH UNIT 4-11-9-16 (Existing Well)



Note:
Flare pit is to be located at least 80' from well head.

SURVEYED BY: T.H.	DATE SURVEYED: 05-13-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-02-08
SCALE: 1" = 50'	REVISED:

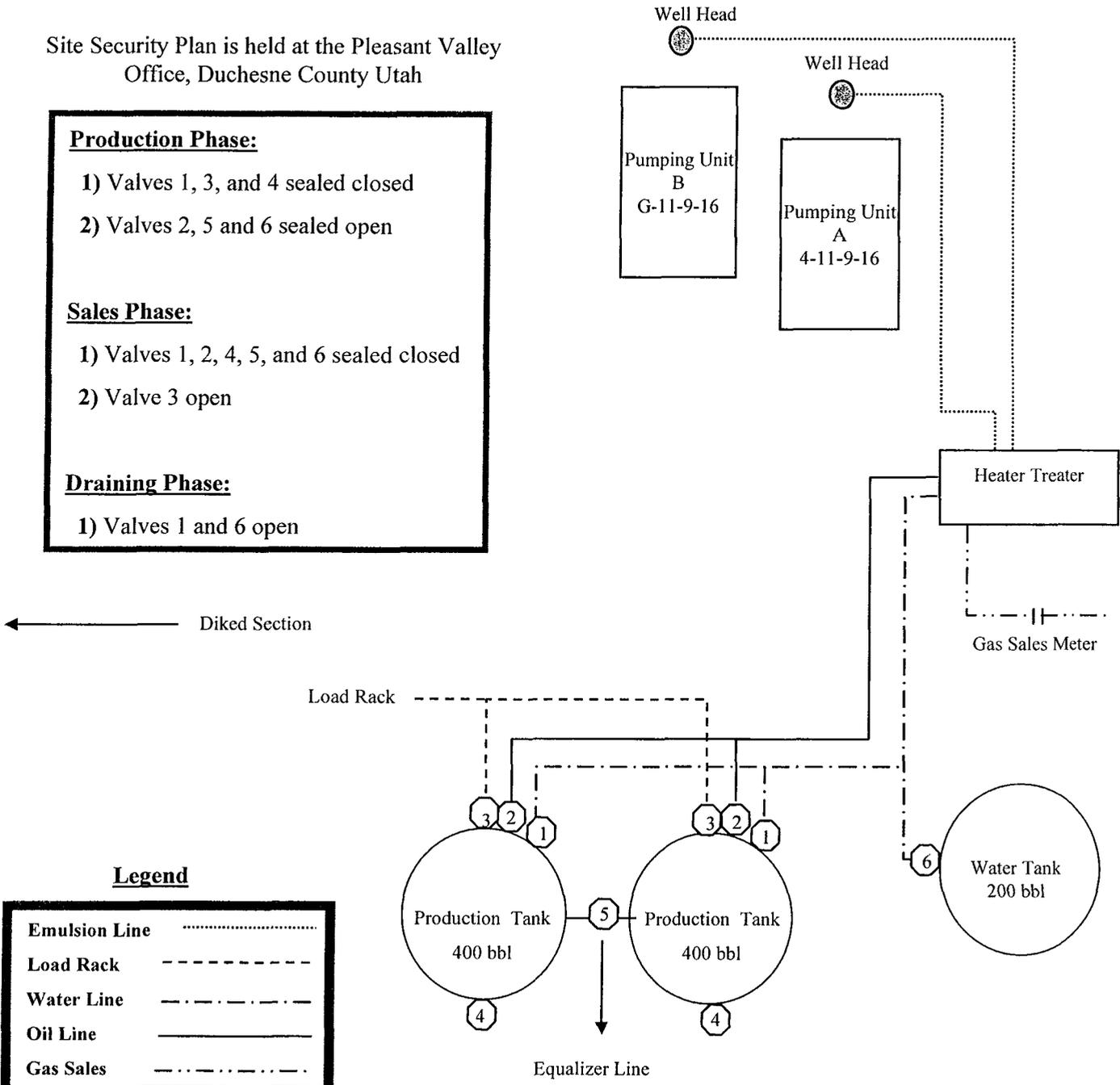
Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

Newfield Production Company Proposed Site Facility Diagram

Jonah Federal G-11-9-16
 From the 4-11-9-16 Location
 NW/NW Sec. 11, T9S, R16E
 Duchesne County, Utah
 UTU-096550

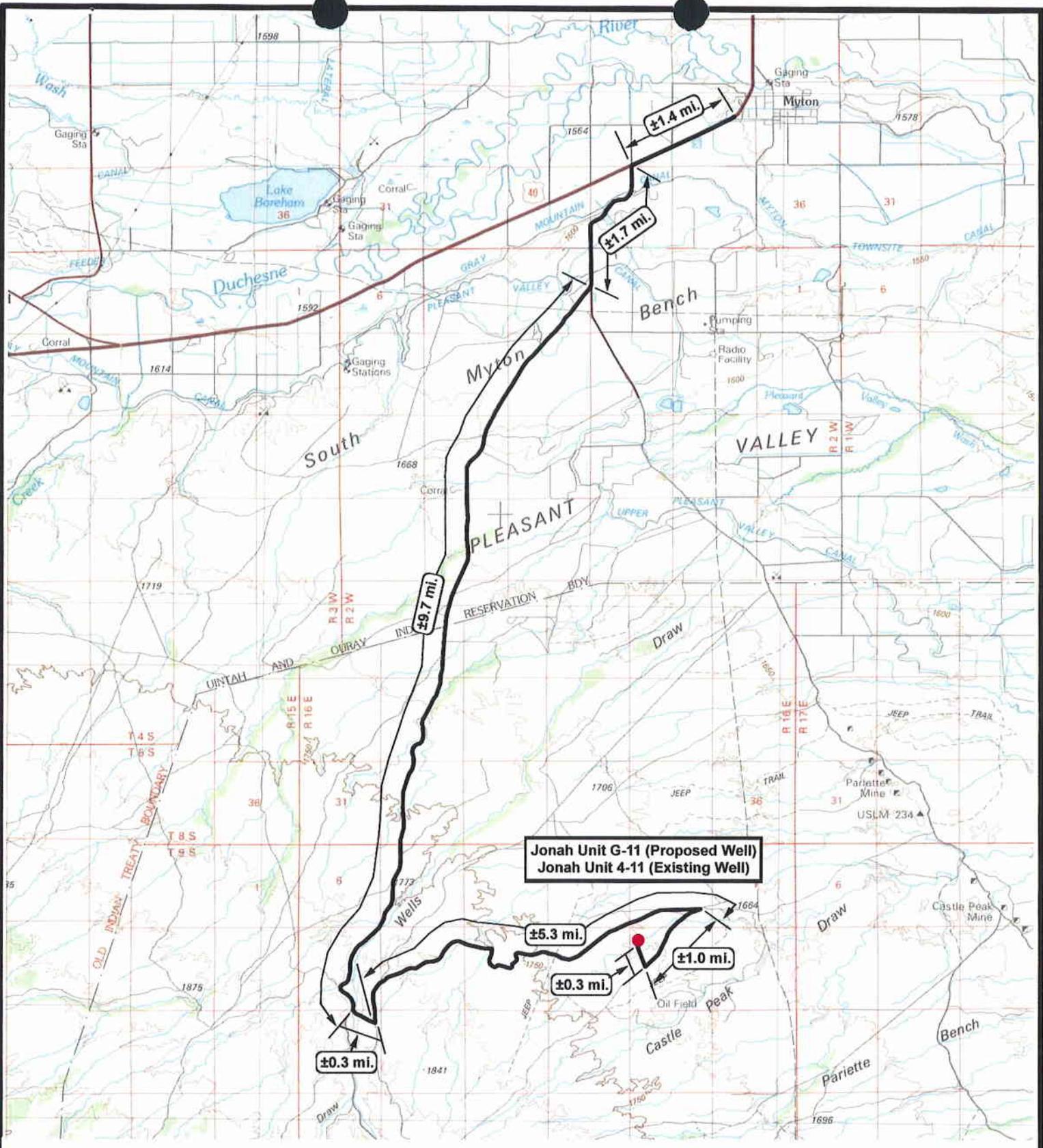
Site Security Plan is held at the Pleasant Valley
 Office, Duchesne County Utah

- Production Phase:**
- 1) Valves 1, 3, and 4 sealed closed
 - 2) Valves 2, 5 and 6 sealed open
- Sales Phase:**
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
 - 2) Valve 3 open
- Draining Phase:**
- 1) Valves 1 and 6 open



Legend

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



Jonah Unit G-11 (Proposed Well)
Jonah Unit 4-11 (Existing Well)



NEWFIELD
Exploration Company

Jonah Unit G-11-9-16 (Proposed Well)
Jonah Unit 4-11-9-16 (Existing Well)
 Pad Location NWNW Sec. 11, T9S, R16E, S.L.B.&M.




Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

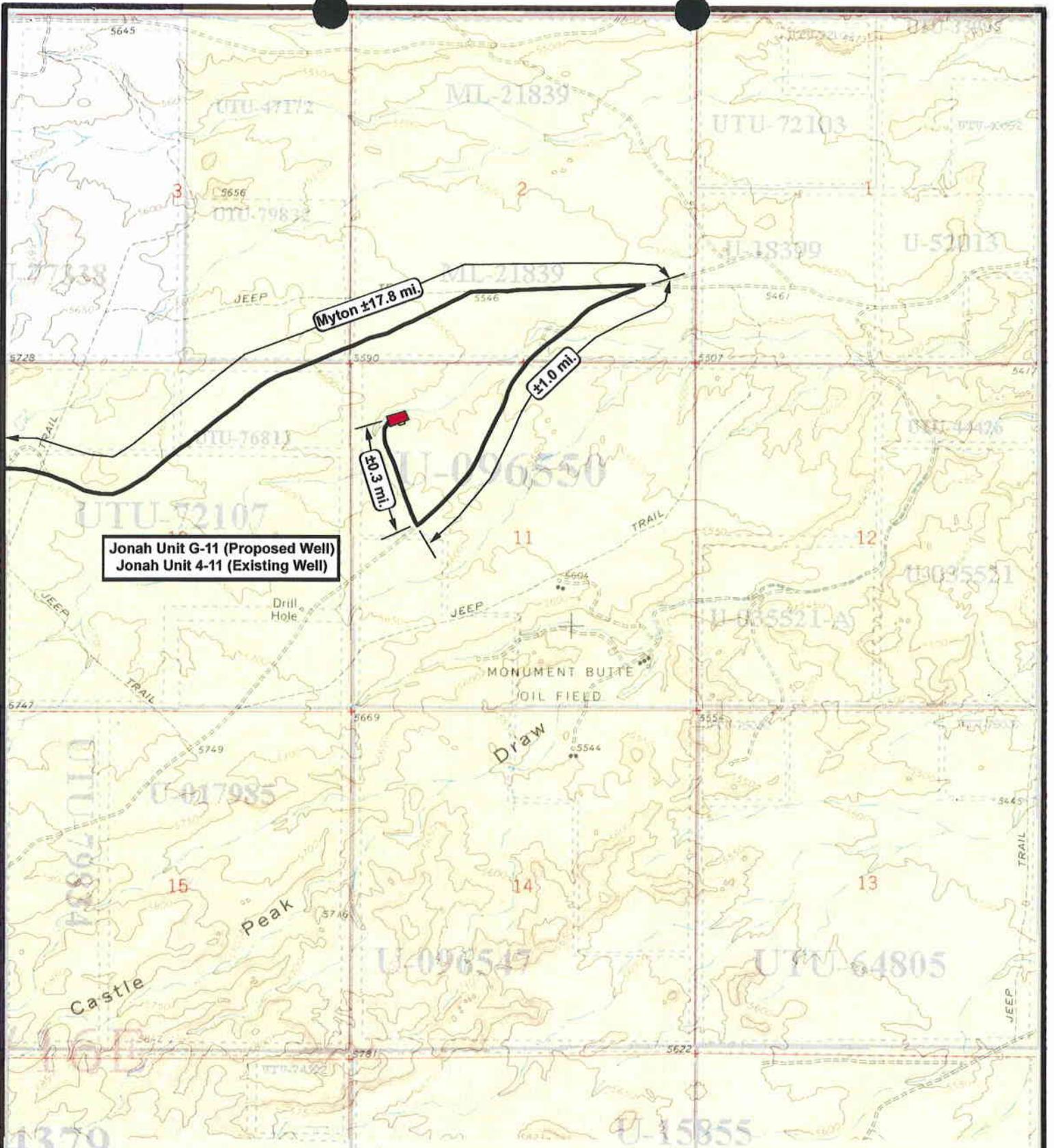
SCALE: 1:100,000
 DRAWN BY: JAS
 DATE: 06-17-2008

Legend

— Existing Road

TOPOGRAPHIC MAP

"A"



Jonah Unit G-11 (Proposed Well)
 Jonah Unit 4-11 (Existing Well)



NEWFIELD
 Exploration Company

Jonah Unit G-11-9-16 (Proposed Well)
Jonah Unit 4-11-9-16 (Existing Well)
 Pad Location NWNW Sec. 11, T9S, R16E, S.L.B.&M.




Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

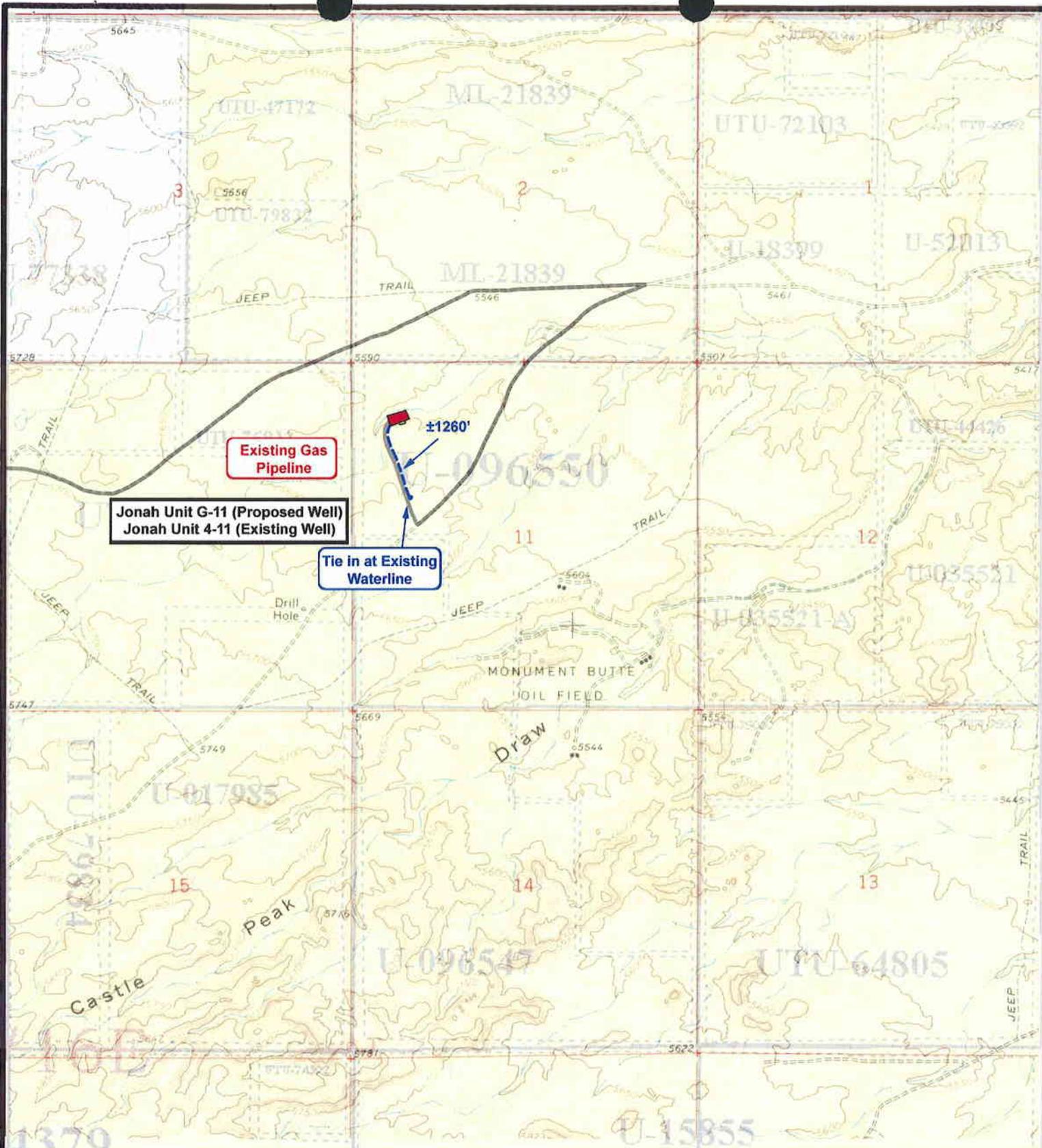
SCALE: 1" = 2000'
 DRAWN BY: JAS
 DATE: 06-17-2008

Legend

Existing Road

TOPOGRAPHIC MAP

"B"



Jonah Unit G-11 (Proposed Well)
Jonah Unit 4-11 (Existing Well)

Existing Gas Pipeline

Tie in at Existing Waterline



NEWFIELD
 Exploration Company

Jonah Unit G-11-9-16 (Proposed Well)
Jonah Unit 4-11-9-16 (Existing Well)
 Pad Location NWNW Sec. 11, T9S, R16E, S.L.B.&M.




Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

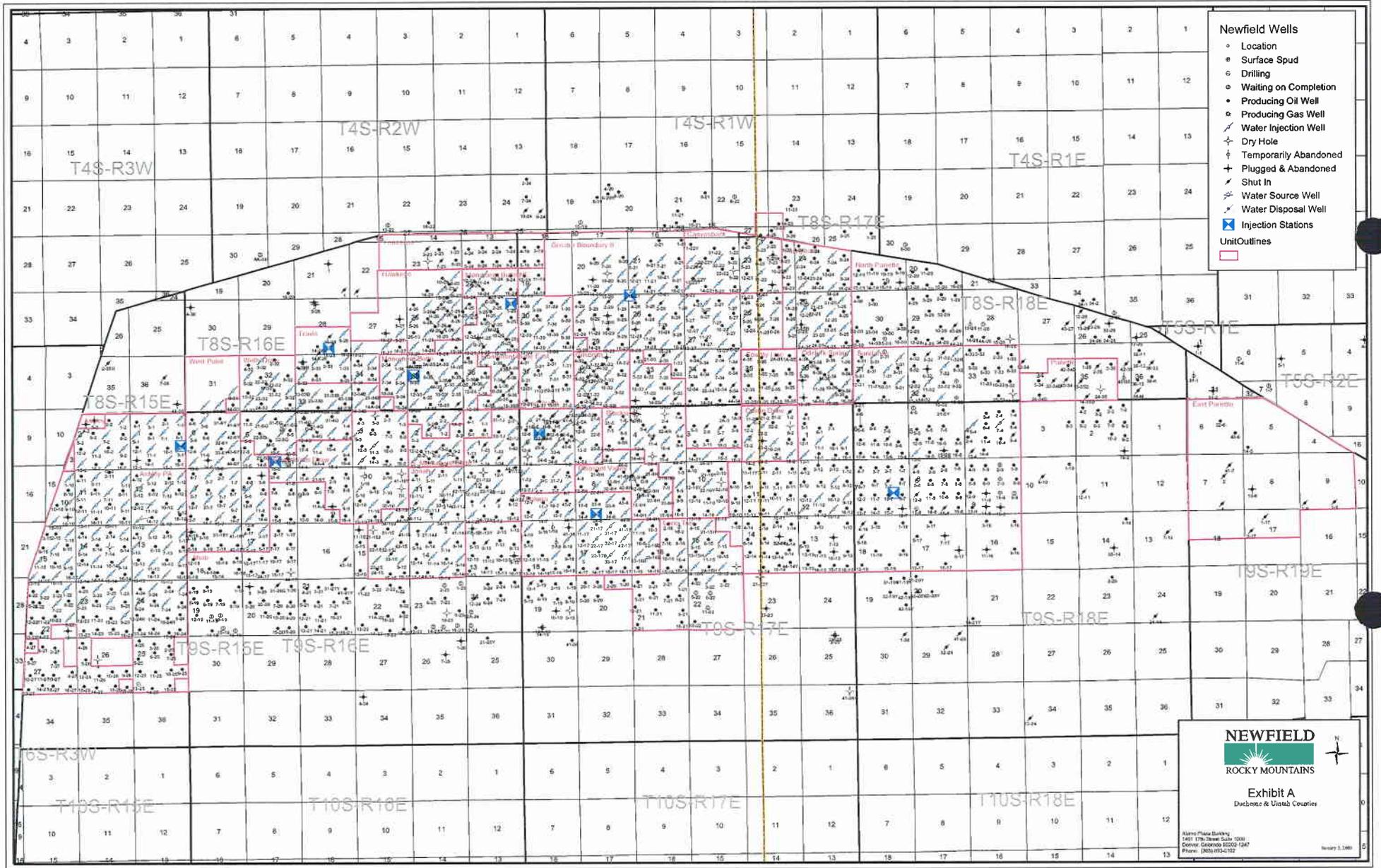
SCALE: 1" = 2000'
 DRAWN BY: JAS
 DATE: 06-17-2008

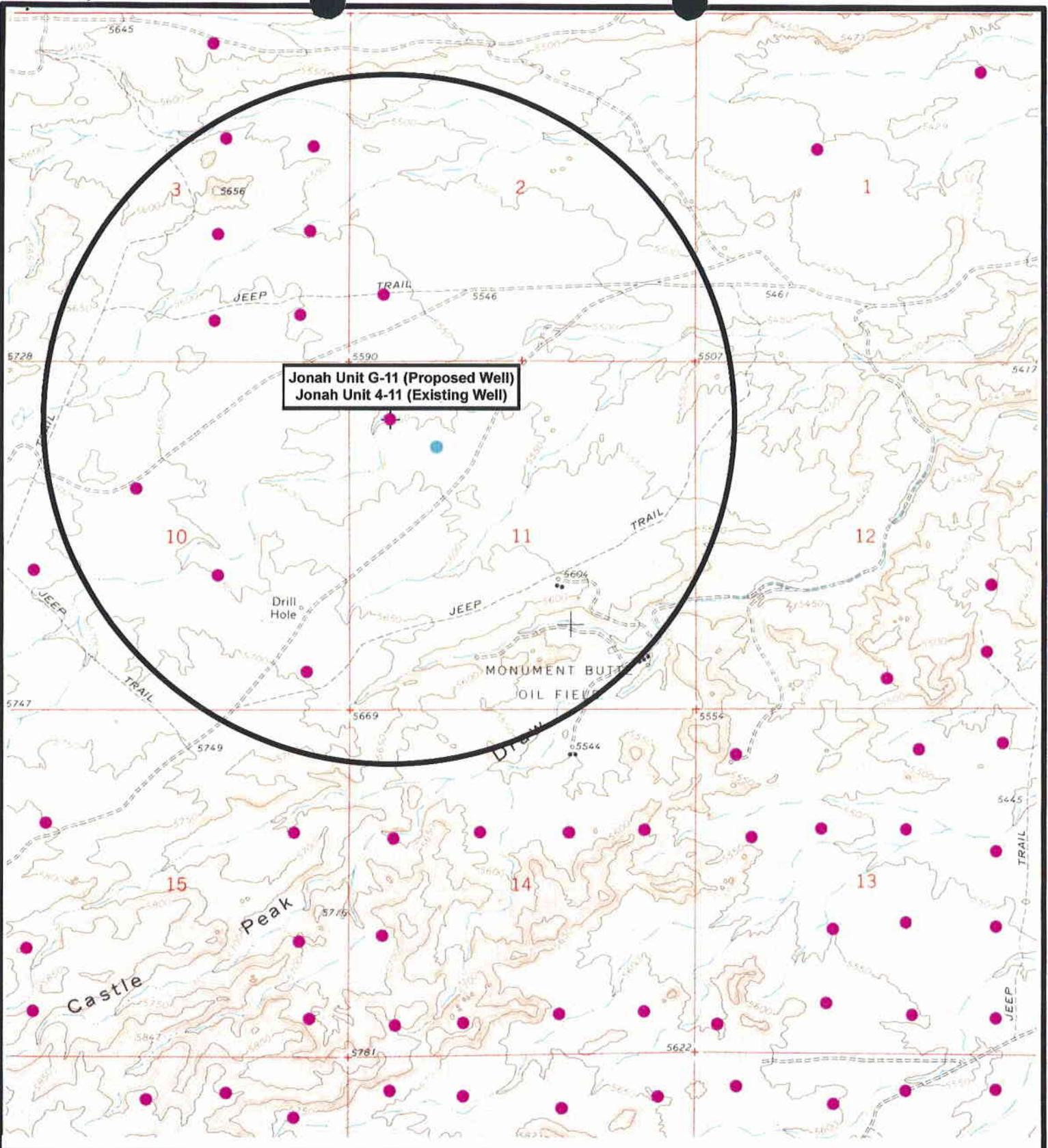
Legend

-  Roads
-  Proposed Water Line

TOPOGRAPHIC MAP

"C"





Jonah Unit G-11 (Proposed Well)
Jonah Unit 4-11 (Existing Well)



Jonah Unit G-11-9-16 (Proposed Well)
Jonah Unit 4-11-9-16 (Existing Well)
 Pad Location NWNW Sec. 11, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2000'
 DRAWN BY: JAS
 DATE: 06-17-2008

- Legend**
- Pad Location
 - Bottom Hole Location
 - One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

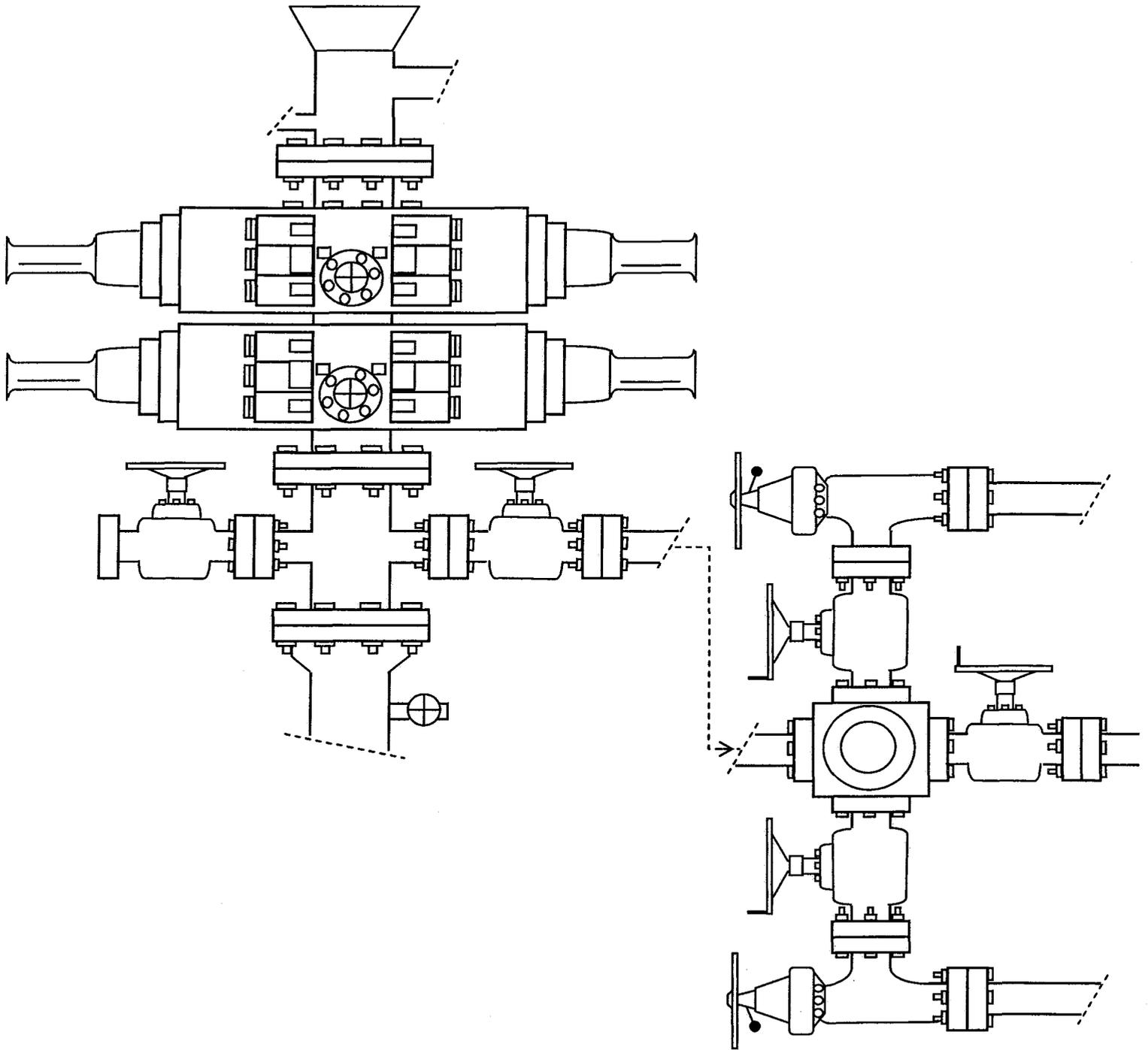


EXHIBIT C

Exhibit "D"

1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S FOUR PROPOSED
WATERLINES: JONAH UNIT T-1-9-16, G-11-9-16,
X-6-9-17/C-7-9-17 AND BELUGA UNIT I-17-9-17
DUCHESNE AND Uintah COUNTIES, UTAH

By:

Nicole Shelnut

Prepared for:
Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, Utah 84052

Submitted By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-197

August 22, 2008

United States Department of Interior (FLPMA)
Permit No. 08-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-0671b

NEWFIELD EXPLORATION COMPANY

WATER PIPELINE TIE-INS

DUCHESNE COUNTY, UTAH

**NW 1/4, SE 1/4, Section 28, T 8 S, R 17 E (10-28-8-17);
NE 1/4, NE 1/4, Section 17 & NE 1/4, NW 1/4, Section 7, T 9 S, R 17 E
(41-17-9-17 & 7-C-9-17); NE 1/4, SE 1/4, Section 1 & NW 1/4, NW 1/4,
Section 11, T 9 S, R 16 E (1-43-9-16 & 4-11-9-16)**

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
July 25, 2008

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/08/2008

API NO. ASSIGNED: 43-013-34081

WELL NAME: JONAH FED G-11-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNW 11 090S 160E
 SURFACE: 0851 FNL 0706 FWL
 BOTTOM: 1380 FNL 1365 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.05021 LONGITUDE: -110.0929
 UTM SURF EASTINGS: 577375 NORTHINGS: 4433514
 FIELD NAME: 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
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-7478)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- R649-2-3.
- Unit: JONAH (GRRV)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 228-2
Eff Date: 7-16-1993
Siting: Has Not Succeeded Gen. Siting
- R649-3-11. Directional Drill

COMMENTS: Top, Separate File

STIPULATIONS: 1- Pending Approval

API Number: 4301334081

Well Name: JONAH FED G-11-9-16

Township 09.0 S Range 16.0 E Section 11

Meridian: SLBM

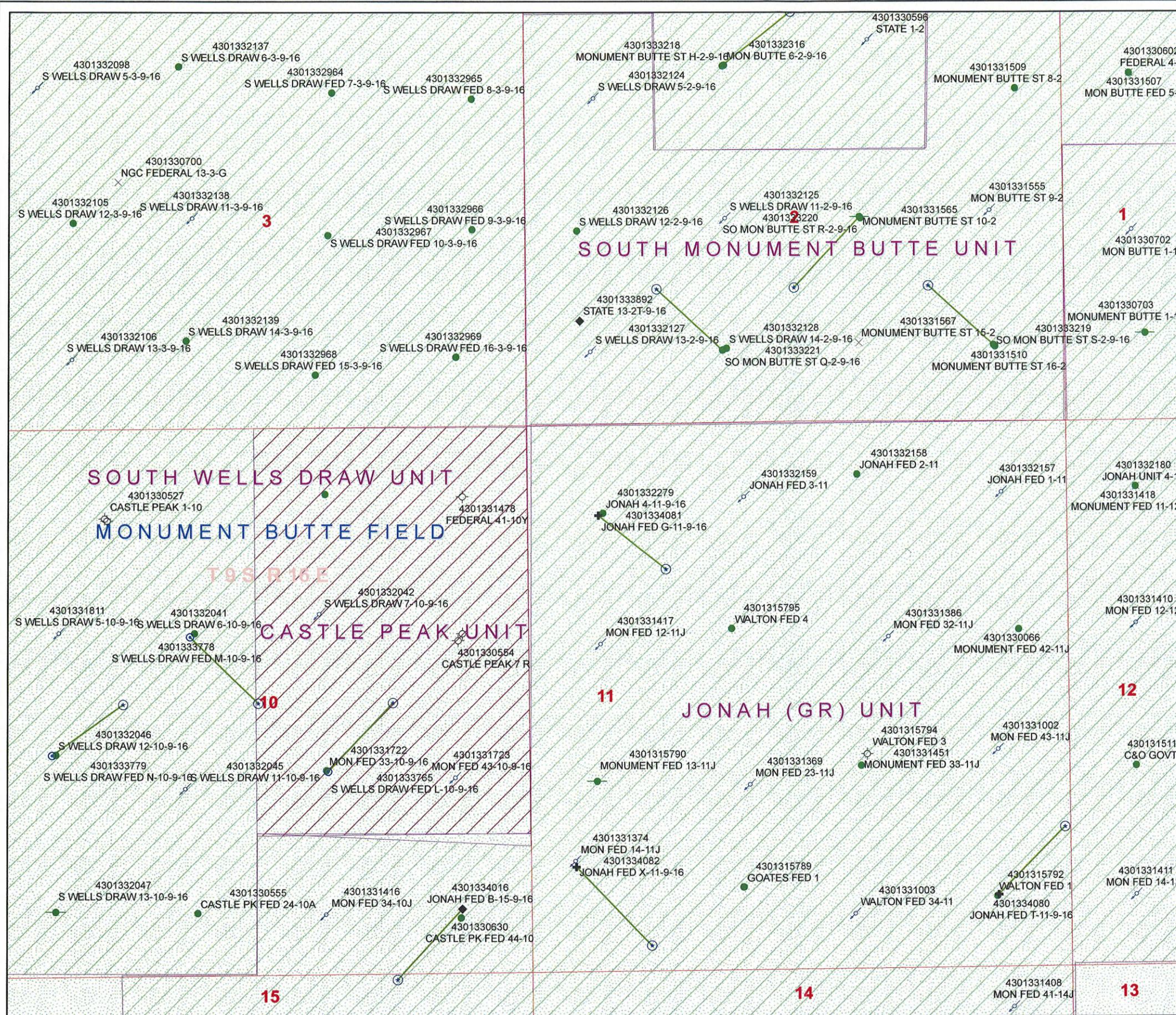
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units	Wells Query Events
STATUS	<all other values>
ACTIVE	GIS_STAT_TYPE
EXPLORATORY	<Null>
GAS STORAGE	APD
NF PP OIL	DRL
NF SECONDARY	GI
PI OIL	GS
PP GAS	LA
PP GEOTHERML	NEW
PP OIL	OPS
SECONDARY	PA
TERMINATED	PGW
Fields	POW
STATUS	RET
ACTIVE	SGW
COMBINED	SOW
Sections	TA
Township	TW
	WD
	WI
	WS
	Bottom Hole Location



1:12,000



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)

September 16, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Jonah Unit, Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Jonah Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-34080	Jonah Fed T-11-9-16 Sec 11 T09S R16E 0709 FSL 0725 FEL BHL Sec 11 T09S R16E 1355 FSL 0065 FEL	
43-013-34081	Jonah Fed G-11-9-16 Sec 11 T09S R16E 0851 FNL 0706 FWL BHL Sec 11 T09S R16E 1380 FNL 1365 FWL	
43-013-34082	Jonah Fed X-11-9-16 Sec 11 T09S R16E 1031 FSL 0438 FWL BHL Sec 11 T09S R16E 0260 FSL 1170 FWL	
43-013-34083	Jonah Fed G-14-9-16 Sec 14 T09S R16E 0457 FNL 1827 FWL BHL Sec 14 T09S R16E 1350 FNL 1345 FWL	

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Jonah Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



December 9, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Jonah Federal G-11-9-16
Jonah Unit
UTU-72086A
Surface Hole: T9S R16E, Section 11: NWNW
851' FNL 706' FWL
Bottom Hole: T9S R16E, Section 11
1380' FNL 1365' FWL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated August 28, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Jonah Unit UTU-72086A. Newfield certifies that it is the Jonah Unit Operator and all lands within 460 feet of the entire directional well bore are within the Jonah Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED
DEC 15 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-096550

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
Jonah Unit

8. Lease Name and Well No.
Jonah Federal G-11-9-16

9. API Well No.

1a. Type of Work: DRILL REENTER

1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator
Newfield Production Company

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

3b. Phone No. (include area code)
(435) 646-3721

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements, *)
At surface **NW/NW 851' FNL 706' FWL**
At proposed prod. zone **1380' FNL 1365' FWL**

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 11, T9S R16E

14. Distance in miles and direction from nearest town or post office*
Approximatley 19.1 miles south of Myton, Utah

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1365' f/ise, 1365' f/unit
840.00

17. Spacing Unit dedicated to this well
20 Acres

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. **Approx. 1170'**

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5551' GL

22. Approximate date work will start*
4th Quarter 2008

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|--|---|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | <ul style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the authorized officer. |
|--|---|

25. Signature Title Regulatory Specialist	Name (Printed/Typed) Mandie Crozier	Date 8/28/08
--	---	------------------------

Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the 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, are attached.

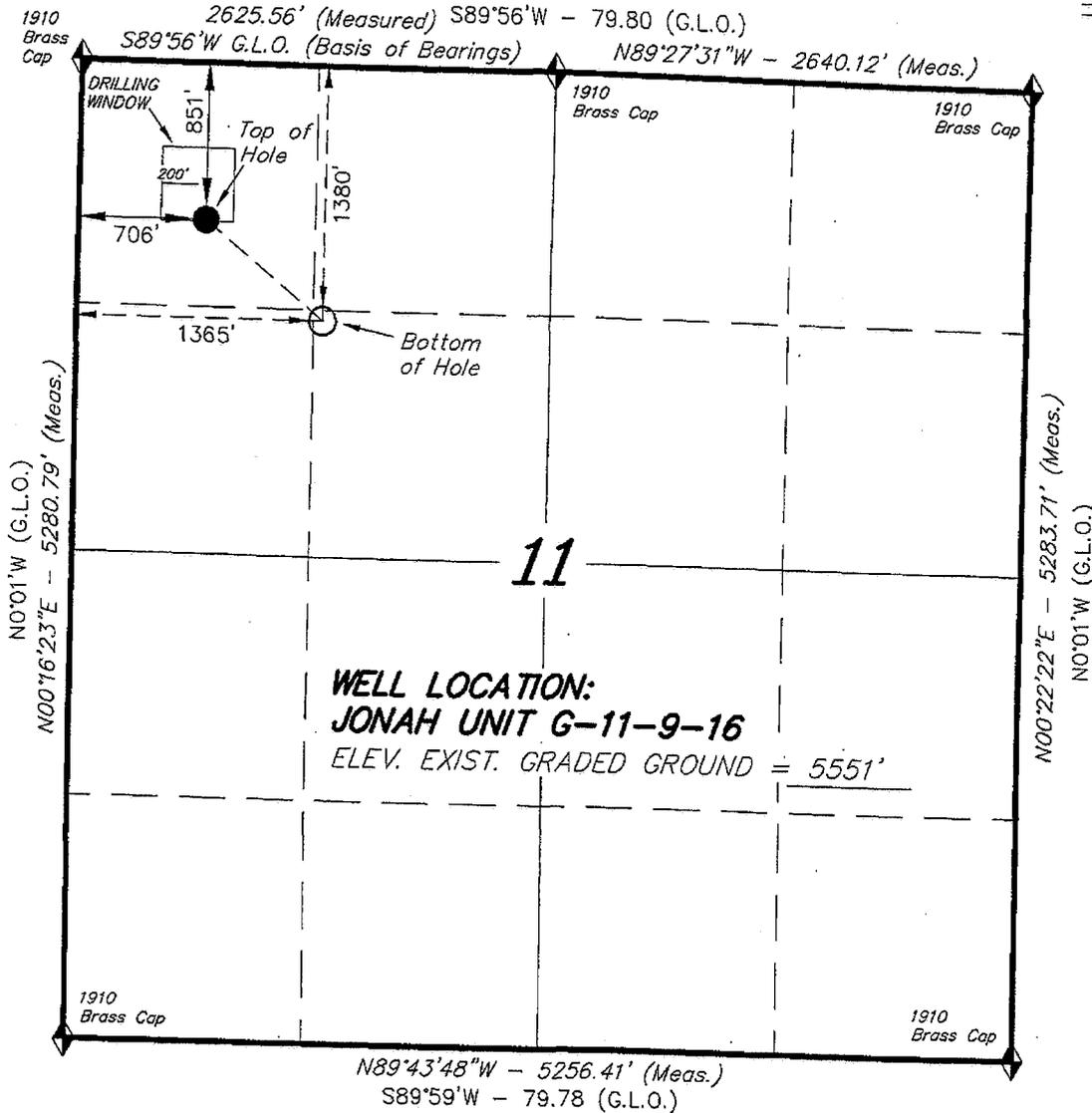
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

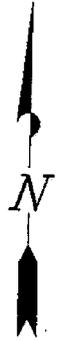
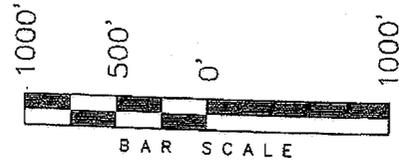
RECEIVED
DEC 15 2008
DIV. OF OIL, GAS & MINING

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

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, JONAH UNIT G-11-9-16,
 LOCATED AS SHOWN IN THE NW 1/4 NW
 1/4 OF SECTION 11, T9S, R16E, S.L.B.&M.
 DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF. No. 189377

Stacy W. Stewart
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

◆ = SECTION CORNERS LOCATED

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

JONAH UNIT G-11-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 03' 00.97"
 LONGITUDE = 110° 05' 36.52"

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 05-13-08	SURVEYED BY: T.H.
DATE DRAWN: 06-02-08	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
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

December 22, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Jonah Federal G-11-9-16 Well, Surface Location 851' FNL, 706' FWL, NW NW, Sec. 11, T. 9 South, R. 16 East, Bottom Location 1380' FNL, 1365' FWL, SE NW, 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 43-013-34081.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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



Operator: Newfield Production Company
Well Name & Number Jonah Federal G-11-9-16
API Number: 43-013-34081
Lease: UTU-096550

Surface Location: NW NW **Sec. 11** **T. 9 South** **R. 16 East**
Bottom Location: SE NW **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 Dustin Doucet at (801) 538-5281 (801) 733-0983 home

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.

5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

RECEIVED
VERNAL FIELD OFFICE

2009 SEP 8 PM 12 47

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEPT OF THE INTERIOR
BUREAU OF LAND MGMT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-096550	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. Indian, Allottee or Tribe Name N/A	
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Jonah Unit	
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Jonah Federal G-11-9-16	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 34081	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NW/NW 851' FNL 706' FWL At proposed prod. zone 1380' FNL 1365' FWL SE NW		10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximatley 19.1 miles south of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 11, T9S R16E	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1365' f/lsa, 1365' f/unit		12. County or Parish Duchesne	
16. No. of Acres in lease 840.00		13. State UT	
17. Spacing Unit dedicated to this well 20 Acres		18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1170'	
19. Proposed Depth 6105'		20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5551' GL		22. Approximate date work will start* 4th Quarter 2008	
		23. Estimated duration Approximatley seven (7) days from spud to rig release.	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 8/28/08
Title Regulatory Specialist		
Approved by (Signature) <i>Judy Kevicka</i>	Name (Printed/Typed) Judy Kevicka	Date MAR 10 2009
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the 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, are attached.

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

*(Instructions on reverse)

NOS 07-08-08
AFMSS# 08 PPO 957A

RECEIVED
MAR 18 2009
DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

U006M
NOTICE OF APPROVAL



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE**

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Jonah Federal G-11-9-16
API No: 43-013-34081

Location: NWNW, Sec. 11, T9S, R16E
Lease No: UTU-096550
Agreement: Jonah Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

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

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC CONDITIONS OF APPROVAL

STIPULATIONS:

None

Lease Notices from RMP:

The lessee/operator is given notice the area has been identified as containing Golden eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden eagle and/or its habitat from surface disturbance activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments:

None

Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of this report (onsite) should require additional surveys and clearances.

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.

- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- **Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.**
- **Interim Reclamation:**

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

• **Final reclamation:**

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders. A complete angular deviation and directional survey report shall be submitted to the Vernal BLM field office within 30 days following the completion of the well.
- All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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: _____
	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: JONAH FED G-11-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013340810000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0851 FNL 0706 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW 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 checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/18/2009	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input 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 checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: _____

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

Newfield requests to extend the permit to drill this well for one more year.

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

Date: December 21, 2009

By: 

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 12/17/2009	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013340810000

API: 43013340810000

Well Name: JONAH FED G-11-9-16

Location: 0851 FNL 0706 FWL QTR NWNW SEC 11 TWP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 12/22/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
- Has the approved source of water for drilling changed? Yes No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
- Is bonding still in place, which covers this proposed well? Yes No

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

Signature: Mandie Crozier

Date: 12/17/2009

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: December 21, 2009

By: 

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-096550

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

8. Lease Name and Well No.
JONAH FEDERAL G-11-9-16

9. AFI Well No.
43-013-34081

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area SEC. 11, T9S, R16E

12. County or Parish
DUCHESNE

13. State
UT

14. Date Spudded
03/11/2010

15. Date T.D. Reached
04/03/2010

16. Date Completed
04/23/2010
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5551' GL 5563' KB

18. Total Depth: MD 5771'
TVD 5682

19. Plug Back T.D.: MD 5738'
TVD 5650

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 851' FNL & 706' FWL (NW/NW) SEC. 11, T9S, R16E (UTU-096550)
At top prod. interval reported below 1235' FNL & 1191' FWL (NW/NW) SEC. 11, T9S, R16E (UTU-096550)
At total depth 1436' FNL & 1431' FWL (SE/NW) SEC. 11, T9S, R16E (UTU-096550)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	322'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	5765'		275 PRIMLITE		90'	
						350 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5496'	TA @ 5329'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5634-5714' CP1 CP2	.36"	3	24
B) Green River			5383-5404' LODC	.36"	3	30
C) Green River			5044-5224' B2 A1 A3	.36"	3	27
D) Green River			4916-4928' C	.36"	3	36

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5634-5714'	Frac w/ 30293#'s 20/40 sand in 257 bbls of Lightning 17 fluid.
5383-5404'	Frac w/ 50541#'s 20/40 sand in 316 bbls of Lightning 17 fluid.
5044-5224'	Frac w/ 40516#'s 20/40 sand in 271 bbls of Lightning 17 fluid.
4916-4928'	Frac w/ 49644#'s 20/40 sand in 312 bbls of Lightning 17 fluid.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4-23-10	5-10-10	24	→	86	57	30			2-1/2" x 1-3/4" x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

RECEIVED
JUN 03 2010
DIV. OF OIL, GAS & MINING

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD & USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3704' 3915'
				GARDEN GULCH 2 POINT 3	4030' 4292'
				X MRKR Y MRKR	4580' 4598'
				DOUGALS CREEK MRK BI CARBONATE MRK	4720' 4968'
				B LIMESTON MRK CASTLE PEAK	5094' 5586'

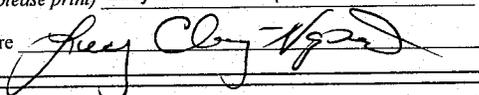
32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (D1 & D3) 4764-4858', .36" 3/30 Frac w/ 45328#s of 20/40 sand in 297 bbls of Lightning 17 fluid
 Stage 6: Green River Formation (PB10) 4484-4492', .36" 3/24 Frac w/ 19839#s of 20/40 sand in 169 bbls of Lightning 17 fluid
 Stage 7: Green River Formation (GB4 & GB6) 4114-4222', .36" 3/24 Frac w/ 25729#s of 20/40 sand in 212 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)
 Geologic Report
 DST Report
 Directional Survey
 Sundry Notice for plugging and cement verification
 Core Analysis
 Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-Naupoto Title Administrative Assistant
 Signature  Date 05/24/2010

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

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 11

G-11-9-16

Wellbore #1

Survey: Survey #1

Standard Survey Report

13 April, 2010



HATHAWAYBURNHAM

Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 11
Well: G-11-9-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well G-11-9-16
TVD Reference: G-11-9-16 @ 5563.0ft (CAPSTAR 328)
MD Reference: G-11-9-16 @ 5563.0ft (CAPSTAR 328)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site	SECTION 11		
Site Position:		Northing:	7,188,670.03ft
From:	Lat/Long	Easting:	2,036,157.78ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 2' 46.225 N
		Longitude:	110° 5' 10.739 W
		Grid Convergence:	0.91 °

Well	G-11-9-16, SHL LAT: 40 03 00.97, LONG: -110 05 36.52		
Well Position	+N/-S	0.0 ft	Northing: 7,190,130.12 ft
	+E/-W	0.0 ft	Easting: 2,034,129.76 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,563.0 ft
		Ground Level:	5,551.0 ft
		Latitude:	40° 3' 0.970 N
		Longitude:	110° 5' 36.520 W

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/26/2010	11.48	65.82	52,389

Design	Wellbore #1			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	128.76

Survey Program	Date 4/13/2010			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
350.0	5,771.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
350.0	0.86	212.00	350.0	-2.2	-1.4	0.3	0.25	0.25	0.00
381.0	0.79	210.00	381.0	-2.6	-1.6	0.4	0.24	-0.23	-6.45
412.0	0.83	209.00	412.0	-3.0	-1.8	0.4	0.14	0.13	-3.23
442.0	0.70	214.00	442.0	-3.3	-2.0	0.5	0.49	-0.43	16.67
473.0	0.73	209.23	473.0	-3.7	-2.2	0.5	0.21	0.10	-15.39
504.0	0.90	212.00	504.0	-4.0	-2.5	0.6	0.56	0.55	8.94
534.0	0.20	209.87	534.0	-4.3	-2.6	0.6	2.33	-2.33	-7.10
565.0	0.13	176.45	565.0	-4.4	-2.6	0.7	0.37	-0.23	-107.81
596.0	0.70	114.62	596.0	-4.5	-2.5	0.9	2.09	1.84	-199.45
626.0	1.38	120.49	626.0	-4.7	-2.0	1.4	2.29	2.27	19.57
657.0	1.69	111.79	657.0	-5.1	-1.3	2.2	1.25	1.00	-28.06
688.0	2.61	115.65	687.9	-5.6	-0.2	3.3	3.00	2.97	12.45



HATHAWAYBURNHAM

Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 11
Well: G-11-9-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well G-11-9-16
TVD Reference: G-11-9-16 @ 5563.0ft (CAPSTAR 328)
MD Reference: G-11-9-16 @ 5563.0ft (CAPSTAR 328)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
718.0	3.05	113.76	717.9	-6.2	1.2	4.8	1.50	1.47	-6.30
749.0	3.67	121.28	748.8	-7.0	2.8	6.6	2.45	2.00	24.26
780.0	3.96	117.28	779.8	-8.0	4.6	8.6	1.27	0.94	-12.90
810.0	4.35	117.70	809.7	-9.1	6.5	10.7	1.30	1.30	1.40
856.0	4.88	121.80	855.5	-10.9	9.7	14.4	1.36	1.15	8.91
901.0	5.62	125.63	900.4	-13.2	13.1	18.5	1.82	1.64	8.51
946.0	6.00	124.60	945.1	-15.8	16.8	23.0	0.88	0.84	-2.29
991.0	6.88	128.51	989.8	-18.8	20.9	28.1	2.18	1.96	8.69
1,037.0	7.78	126.20	1,035.5	-22.4	25.6	33.9	2.06	1.96	-5.02
1,082.0	8.17	128.29	1,080.0	-26.2	30.5	40.2	1.08	0.87	4.64
1,127.0	9.07	130.02	1,124.5	-30.4	35.7	46.9	2.08	2.00	3.84
1,173.0	9.67	129.08	1,169.9	-35.2	41.5	54.4	1.35	1.30	-2.04
1,218.0	10.11	130.53	1,214.2	-40.1	47.5	62.1	1.12	0.98	3.22
1,263.0	10.85	132.04	1,258.5	-45.5	53.6	70.3	1.75	1.64	3.36
1,309.0	11.71	132.20	1,303.6	-51.6	60.3	79.3	1.87	1.87	0.35
1,354.0	12.24	129.96	1,347.6	-57.7	67.3	88.6	1.57	1.18	-4.98
1,444.0	12.33	129.80	1,435.6	-70.0	82.0	107.8	0.11	0.10	-0.18
1,535.0	12.17	131.08	1,524.5	-82.5	96.7	127.1	0.35	-0.18	1.41
1,625.0	12.57	132.70	1,612.4	-95.4	111.1	146.3	0.59	0.44	1.80
1,716.0	11.60	130.60	1,701.4	-108.0	125.3	165.3	1.17	-1.07	-2.31
1,807.0	10.90	126.40	1,790.6	-119.1	139.2	183.1	1.18	-0.77	-4.62
1,897.0	10.10	125.40	1,879.1	-128.7	152.4	199.5	0.91	-0.89	-1.11
1,988.0	10.20	127.80	1,968.7	-138.3	165.3	215.5	0.48	0.11	2.64
2,078.0	10.20	129.10	2,057.3	-148.2	177.8	231.4	0.26	0.00	1.44
2,169.0	9.80	130.70	2,146.9	-158.3	189.9	247.2	0.54	-0.44	1.76
2,260.0	10.70	131.20	2,236.4	-168.9	202.1	263.4	0.99	0.99	0.55
2,350.0	10.30	131.60	2,324.9	-179.8	214.4	279.8	0.45	-0.44	0.44
2,441.0	10.00	129.50	2,414.5	-190.2	226.6	295.8	0.52	-0.33	-2.31
2,531.0	9.70	127.30	2,503.2	-199.8	238.7	311.2	0.53	-0.33	-2.44
2,622.0	9.60	130.70	2,592.9	-209.4	250.5	326.4	0.64	-0.11	3.74
2,713.0	10.00	130.00	2,682.6	-219.4	262.3	341.9	0.46	0.44	-0.77
2,803.0	11.80	123.80	2,770.9	-229.5	276.0	358.9	2.38	2.00	-6.89
2,894.0	14.10	122.60	2,859.6	-240.7	293.0	379.2	2.54	2.53	-1.32
2,984.0	13.90	121.80	2,947.0	-252.3	311.5	400.8	0.31	-0.22	-0.89
3,075.0	13.40	122.30	3,035.4	-263.7	329.7	422.2	0.56	-0.55	0.55
3,166.0	11.50	123.60	3,124.2	-274.3	346.1	441.7	2.11	-2.09	1.43
3,256.0	12.00	129.60	3,212.4	-285.3	360.8	460.0	1.47	0.56	6.67
3,347.0	12.28	129.21	3,301.3	-297.4	375.6	479.1	0.32	0.31	-0.43
3,437.0	12.00	128.46	3,389.3	-309.3	390.4	498.0	0.36	-0.31	-0.83
3,528.0	12.00	126.80	3,478.3	-320.8	405.3	516.9	0.38	0.00	-1.82
3,619.0	11.20	126.20	3,567.5	-331.7	420.0	535.2	0.89	-0.88	-0.66
3,709.0	10.70	125.00	3,655.8	-341.7	433.9	552.3	0.61	-0.56	-1.33
3,800.0	10.10	128.80	3,745.3	-351.5	447.1	568.7	1.00	-0.66	4.18
3,891.0	10.28	131.10	3,834.9	-361.9	459.4	584.8	0.49	0.20	2.53
3,981.0	10.85	132.15	3,923.4	-372.8	471.7	601.3	0.67	0.63	1.17
4,072.0	11.51	129.80	4,012.6	-384.4	485.1	618.9	0.88	0.73	-2.58
4,162.0	11.56	127.42	4,100.8	-395.6	499.1	636.9	0.53	0.06	-2.64
4,253.0	10.94	131.76	4,190.1	-406.9	512.8	654.6	1.15	-0.68	4.77
4,344.0	10.92	130.48	4,279.4	-418.3	525.8	671.9	0.27	-0.02	-1.41
4,434.0	10.44	128.44	4,367.9	-428.9	538.7	688.5	0.68	-0.53	-2.27
4,525.0	10.74	126.97	4,457.3	-439.1	551.9	705.3	0.44	0.33	-1.62
4,615.0	11.58	129.14	4,545.6	-449.8	565.6	722.7	1.04	0.93	2.41
4,706.0	11.14	130.26	4,634.8	-461.3	579.4	740.6	0.54	-0.48	1.23
4,797.0	11.23	127.83	4,724.1	-472.4	593.1	758.3	0.53	0.10	-2.67



HATHAWAYBURNHAM

Survey Report

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 11
Well: G-11-9-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well G-11-9-16
TVD Reference: G-11-9-16 @ 5563.0ft (CAPSTAR 328)
MD Reference: G-11-9-16 @ 5563.0ft (CAPSTAR 328)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,887.0	11.58	129.82	4,812.3	-483.6	607.0	776.0	0.59	0.39	2.21
4,978.0	11.70	126.80	4,901.5	-494.9	621.4	794.4	0.68	0.13	-3.32
5,068.0	11.10	128.70	4,989.7	-505.8	635.5	812.2	0.79	-0.67	2.11
5,159.0	10.00	132.50	5,079.1	-516.6	648.1	828.8	1.43	-1.21	4.18
5,249.0	9.80	134.30	5,167.8	-527.3	659.4	844.2	0.41	-0.22	2.00
5,340.0	8.60	130.20	5,257.6	-537.1	670.1	858.8	1.50	-1.32	-4.51
5,430.0	8.70	121.10	5,346.6	-544.9	681.1	872.2	1.52	0.11	-10.11
5,520.0	10.90	128.60	5,435.3	-553.7	693.6	887.5	2.82	2.44	8.33
5,611.0	10.30	133.30	5,524.7	-564.7	706.2	904.2	1.16	-0.66	5.16
5,702.0	10.40	137.30	5,614.3	-576.3	717.7	920.4	0.80	0.11	4.40
5,721.0	9.80	138.90	5,633.0	-578.8	719.9	923.7	3.49	-3.16	8.42
5,771.0	9.80	138.90	5,682.2	-585.2	725.5	932.1	0.00	0.00	0.00

Checked By: _____

Approved By: _____

Date: _____

NEWFIELD



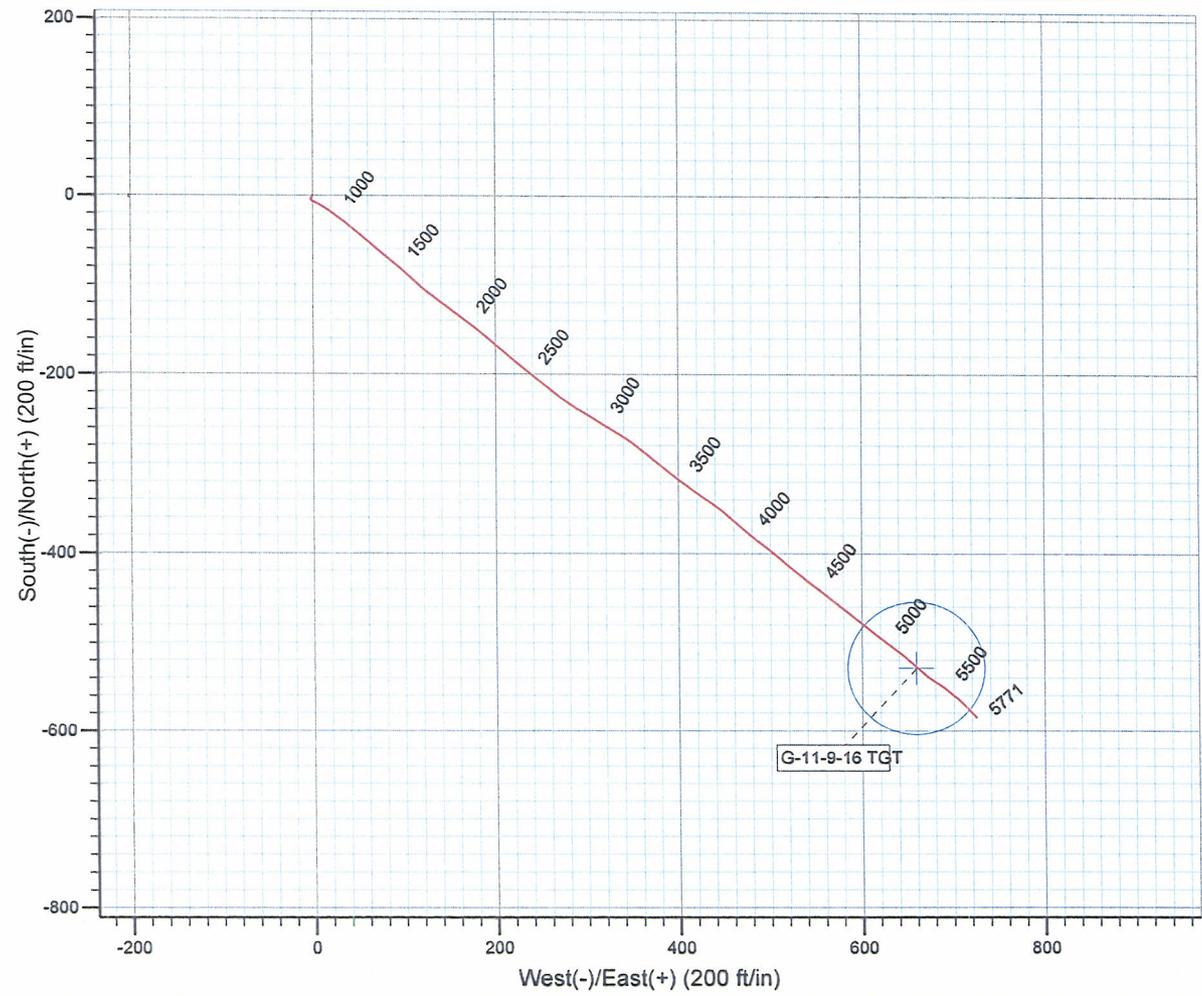
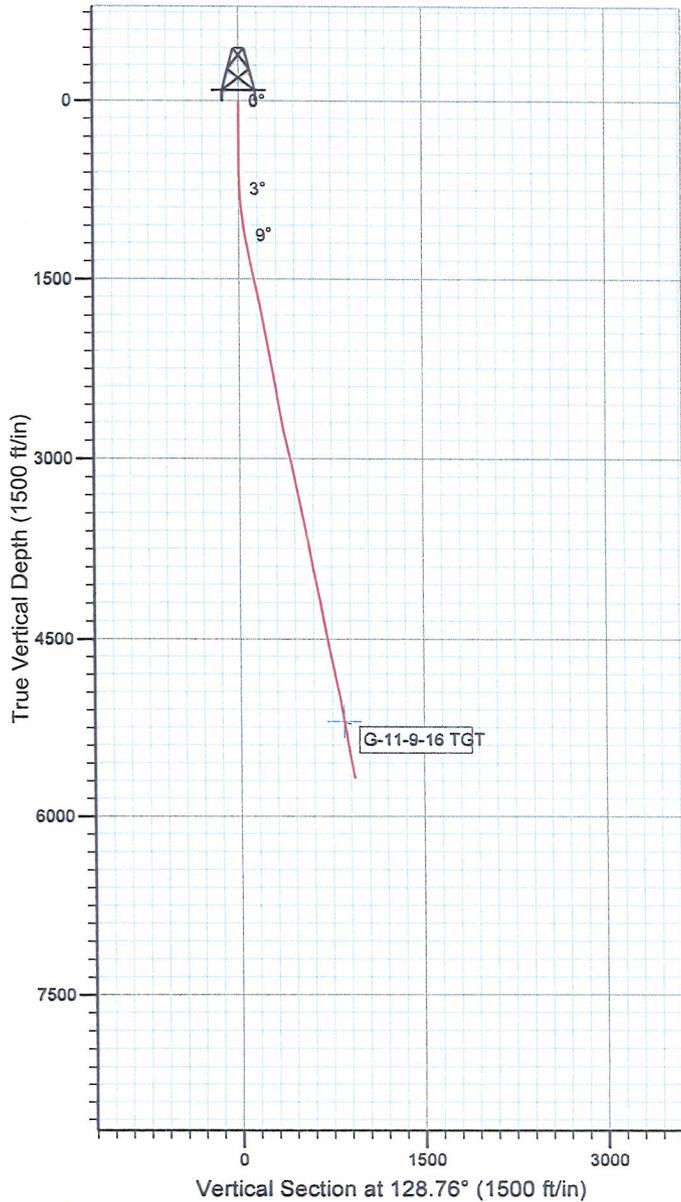
Project: USGS Myton SW (UT)
 Site: SECTION 11
 Well: G-11-9-16
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.48°

Magnetic Field
 Strength: 52389.3snT
 Dip Angle: 65.82°
 Date: 3/26/2010
 Model: IGRF2010



Survey: Survey #1 (G-11-9-16/Wellbore #1)

Created By: *Tim Hudson* Date: 10:54, April 13 2010

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE
 AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

JONAH G-11-9-16**2/1/2010 To 6/30/2010****JONAH G-11-9-16****Waiting on Cement****Date:** 3/24/2010

Ross #21 at 320. Days Since Spud - casing (guide shoe, shoe jt, baffle plate, 6 jts) set @ 321.62' KB. On 3/14/10 BJ Services cemented - Returned 5 bbls to pit. - 8 5/8" casing w/ 160 sks Class "G" + 2% CaCl₂ + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield. - Randy Bywater with the BLM witnessed surface cement job. - On 3/11/10 Ross Rig #21 spud Jonah G-11-9-16, drilled 320' of 12 1/4" hole, and ran 7 jts 8 5/8"

Daily Cost: \$0**Cumulative Cost:** \$32,911**JONAH G-11-9-16****Rigging down****Date:** 3/31/2010

Capstar #328 at 320. 0 Days Since Spud - Rig down get ready to move on to the Jonah Federal G-11-9-16 on 3/31/10

Daily Cost: \$0**Cumulative Cost:** \$33,261**JONAH G-11-9-16****Drill 7 7/8" hole with fresh water****Date:** 4/1/2010

Capstar #328 at 1676. 1 Days Since Spud - Test bops w/ B&C Quick test & Test Top drive, upper & Lower & Floor valve & Inside outside choke val - Nipple up bops - Move rig w/ Howcroft Trucking 2 miles to the Jonah Federal G-11-9-16 on 3/31/10 - ves & Pipe rams blind rams to 2000#s f/ 10 min & Hydrill to 1500#s f/ 10 min & csg to 1500#s f/ 30 - min Rig Accepted @ 2:30 PM on 3/31/10 - Rig up flair lines & Flow line & Strap BHA - PU BHA STC MI 616 77/8" PDC 77/8" Dog sub, MM, NMDC, Gap sub, Ant sub, NMDC, & 25 jts of HWDP - Work on swivel controls - Drill 77/8" hole f/ 231' to 1675' - Tag cmt @ 231'

Daily Cost: \$0**Cumulative Cost:** \$80,930**JONAH G-11-9-16****Drill 7 7/8" hole with fresh water****Date:** 4/2/2010

Capstar #328 at 5028. 2 Days Since Spud - Drill 7 7/8" hole F/ 1675' to 5028' w/ 20K WOB,TRPM-184,GPM-415,Avg ROP-140 ft/hr - Rig service while drilling, No H₂S or flow in last 24 hours

Daily Cost: \$0**Cumulative Cost:** \$99,179**JONAH G-11-9-16****Cementing****Date:** 4/3/2010

Capstar #328 at 5771. 3 Days Since Spud - Circulate to lay down for logs - Lay down drill pipe and BHA, directional tools,mud motor bit. - R/U PSI and log f/ loggers TD=5755' to surface (Compensated Density,Neutron,Porosity,) - R/U and run 132 jts of 5.5 J55,15.5#LTC, Shoe @ 5764.8',Top of float@5719.75',top of short jt@3964' - Circulate - R/U BJ and test lines to 3800# and start cementing - Drill 7 7/8"hole F/ 5028' to 5771' TD w/20K WOB,TRPM-184,GPM-410,Avg ROP-106 ft/hr - No H₂S or flow in last 24 hours

Daily Cost: \$0

Cumulative Cost: \$213,392

JONAH G-11-9-16

Cementing

Date: 4/4/2010

Capstar #328 at 5771. 4 Days Since Spud - Pump 275 sks lead @ 11ppg & 3.53 yield (PL II+3%KCl+.5#/sk CF+2#/sk ColSeal+SF+FP 6L) and pump 350 sks - of tail @ 14.4 ppg & 1.24 yield (50:50:2 Poz+3%KCL+.5%EC-1+FP-6L+.25#/sk CF) displace w/ 136.2 bbls - bump plug to 1450 psi. returned 27 bbls back to pit - Nipple down and set slips w/ 90,000 # tension - Clean mud tanks - Release rig @ 12 Noon on 4-3-10 - No H2S reported in last 24 hours

Finalized

Daily Cost: \$0

Cumulative Cost: \$242,623

Pertinent Files: Go to File List