

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., Other: <u>P&A</u>						5. Lease Serial No. UTU-098550			
2. Name of Operator Newfield Production						6. If Indian, Allottee or Tribe Name NA			
3. Address Route #3 Box 3630, Myton UT 84052				3a. Phone No. (include area code) (435) 646-3721		7. Unit or CA Agreement Name and No. Jonah Unit			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SE/NE 1913' FNL 738' FEL At top prod. interval reported below 2352' FSL 1311' FEL At total depth						8. Lease Name and Well No. Jonah Federal L-14-9-16			
14. Date Spudded 12/18/2008		15. Date T.D. Reached 12/18/2008		16. Date Completed <input checked="" type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod.		9. AFI Well No. 43-013-33811			
18. Total Depth: MD 90' TVD		19. Plug Back T.D.: MD 90' TVD		20. Depth Bridge Plug Set: MD TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NA						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	WL (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	NA	NA	NA	NA	NA	80 SK Class G		Surface	
24. Logging Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A)									
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						
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	
			→						

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

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

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,
Other: P&A

6. If Indian, Allottee or Tribe Name
NA

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

2. Name of Operator
Newfield Production

8. Lease Name and Well No.
Jonah Federal L-14-9-16

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

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

9. AFI Well No.
43-013-33811

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface
SE/NE 1913' FNL 738' FEL
2352' FSL 1311' FEL
At top prod. interval reported below

10. Field and Pool or Exploratory
Monument Butte

11. Sec., T., R., M., on Block and
Survey or Area Sec. 14, T9S R16E

12. County or Parish
Duchesne

13. State
UT

At total depth

14. Date Spudded
12/18/2008

15. Date T.D. Reached
12/18/2008

16. Date Completed
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5606 GL

18. Total Depth: MD 90'
TVD

19. Plug Back T.D.: MD 90'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
NA

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

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	NA	NA	NA	NA	NA	80 SK Class G		Surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforation Record Perforated Interval	Size	No. Holes	Perf. Status
A)						
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

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	
			→						

*(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.)

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

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):

Twisted off drill bit. Filled hole with 80 sks Class G Cement from 90' to surface.

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:

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) Mandie Crozier Title Regulatory Specialist
 Signature *Mandie Crozier* Date _____

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.

December 22, 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 LA-14-9-16
Jonah Unit
UTU-72086A
Surface Hole: T9S R16E, Section 14: SENE
1906' FNL 732' FEL
Bottom Hole: T9S R16E, Section 14
2352' FSL 1311' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated December 19, 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,

Roxann Eveland
Land Associate

RIG SKID

Form 3160-3
(September 2001)

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

5a. 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 LA-14-9-16 (Rig Skid)
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43-013-34164
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/NE 1906' FNL 732' FEL 578576x 4431598y 40.032841 At proposed prod. zone 2352' FSL 1311' FEL 578402x 4431297y 40.030140 -110.081135		10. Field and Pool, or Exploratory Monument Butte
11. Sec., T., R., M., or Blk. and Survey or Area Sec. 14, T9S R16E		12. County or Parish Duchesne
13. State UT		14. Distance in miles and direction from nearest town or post office* Approximatley 16.0 miles southwest of Myton, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 8' f/lse, 1311' f/unit	16. No. of Acres in lease 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. 1365'	19. Proposed Depth 5880'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5606' GL	22. Approximate date work will start* 1st Quarter 2009	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.

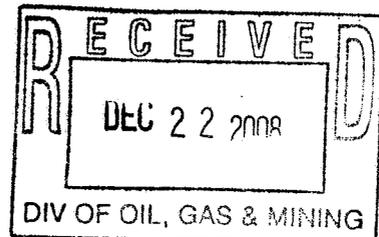
25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 12/19/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 12-24-08
Title ENVIRONMENTAL MANAGER		

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)

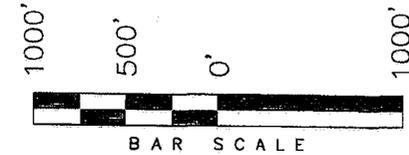
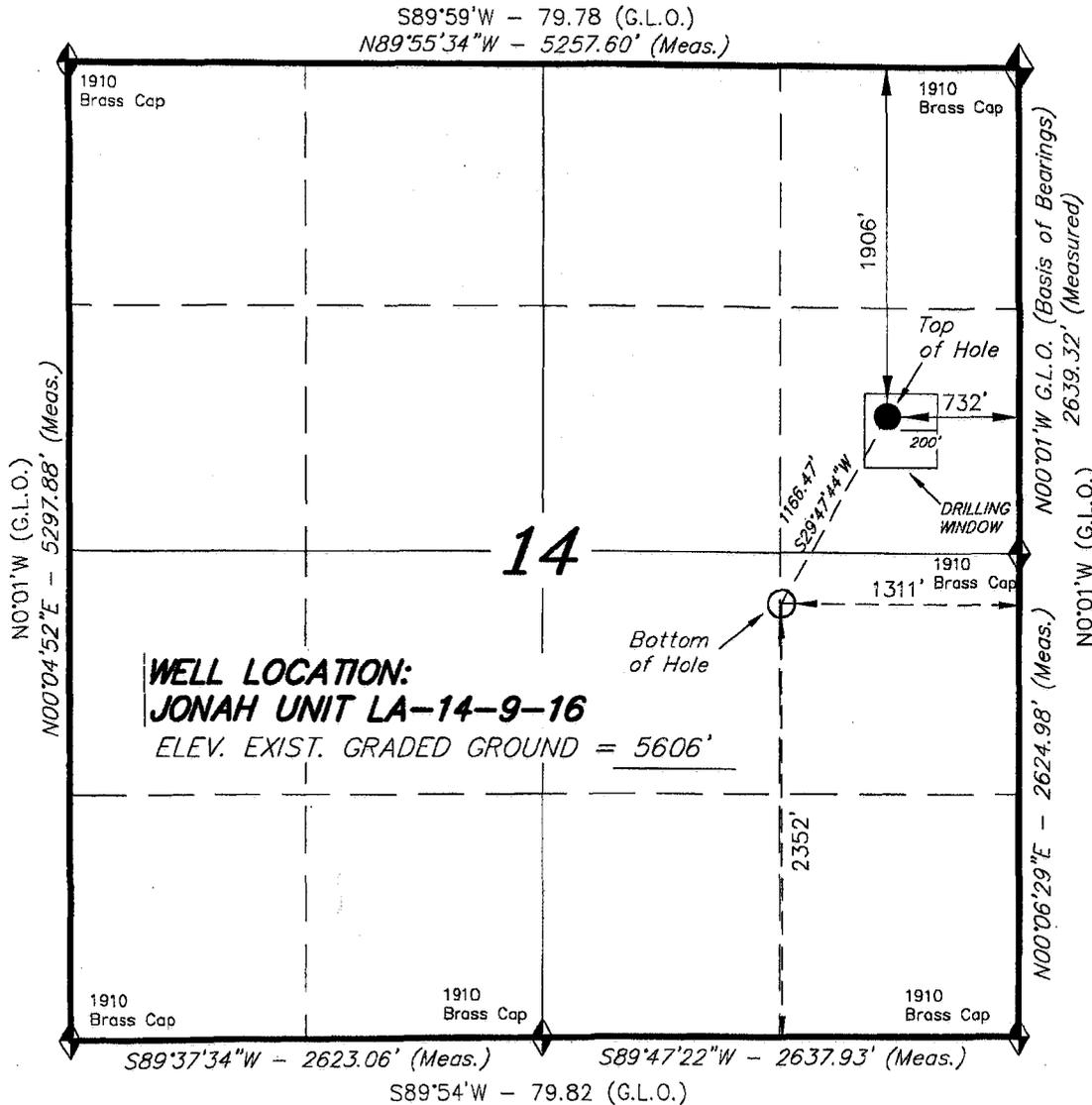
Federal Approval of this
Action is Necessary



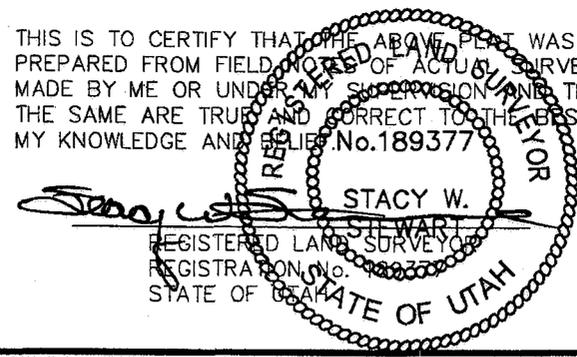
T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, JONAH UNIT
 LA-14-9-16, LOCATED AS SHOWN IN THE
 SE 1/4 NE 1/4 OF SECTION 14, T9S,
 R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAN 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



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

JONAH UNIT LA-14-9-16
 (Surface Location) NAD 83
 LATITUDE = $40^{\circ} 01' 58.32''$
 LONGITUDE = $110^{\circ} 04' 47.36''$

TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 08-14-07	SURVEYED BY: T.H.
DATE DRAWN: 09-12-07	DRAWN BY: F.T.M.
REVISED: 12-19-08 F.T.M.	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL #L-14-9-16
AT SURFACE: SE/NE SECTION 14, 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' – 1965'
Green River	1965'
Wasatch	5880'

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

Green River Formation 1965' – 5880' - 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 #L-14-9-16
AT SURFACE: SE/NE SECTION 14, 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 #L-14-9-16 located in the SE 1/4 NE 1/4 Section 14, 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 southeasterly - 9.9 miles \pm to it's junction with an existing dirt road to the southwest; proceed southwesterly - 1.1 miles \pm to the existing Jonah Unit 8-14-9-16 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 Unit 8-14-9-16 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 Unit 8-14-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Jonah Federal L-14-9-16. 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: 43-10136

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 L-14-9-16 will be drilled off of the existing Jonah Unit 8-14-9-16 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**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #07-350, 10/23/07. Paleontological Resource Survey prepared by, Wade Miller, October 2007. See attached report cover pages, Exhibit "D".

Newfield Production Company requests a 1,340' ROW be granted in Lease UTU-75039 and 900' of disturbed area be granted in Lease UTU-096550 to allow for construction of the proposed water lines. It is proposed that the ROW and 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.

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) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Jonah Federal L-14-9-16.

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, the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrel Tail	<i>Elymus Elymoides</i>	5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	2 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre

Details of the On-Site Inspection

The proposed Jonah Federal L-14-9-16 was on-sited on 10/18/07. The following were present; Dave Allred (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and ground cover was 100% open.

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

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

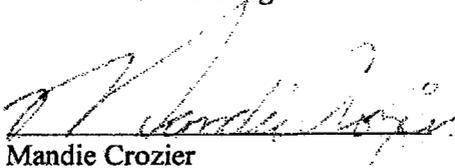
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #L-14-9-16 SE/NE Section 14, 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 drillsite 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.

10/23/07

Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company



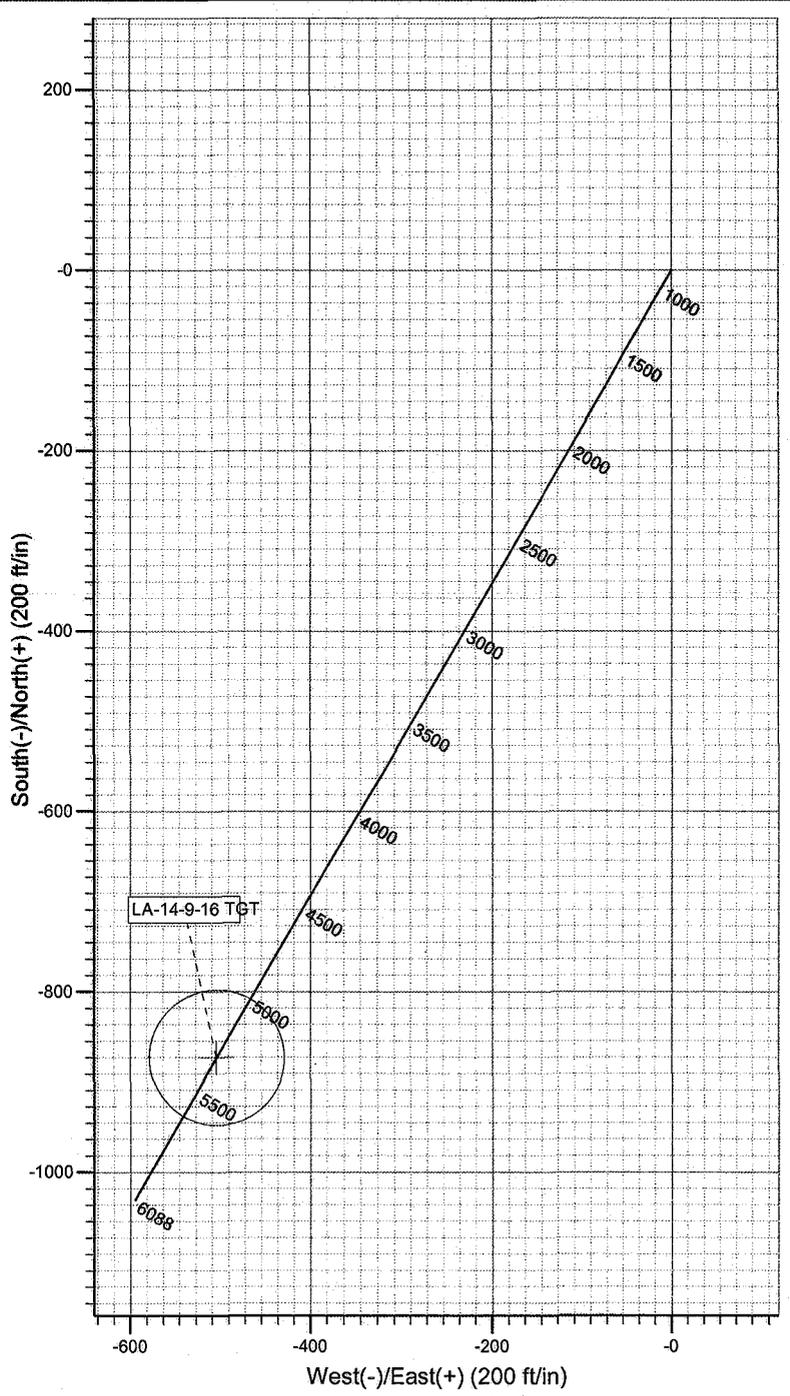
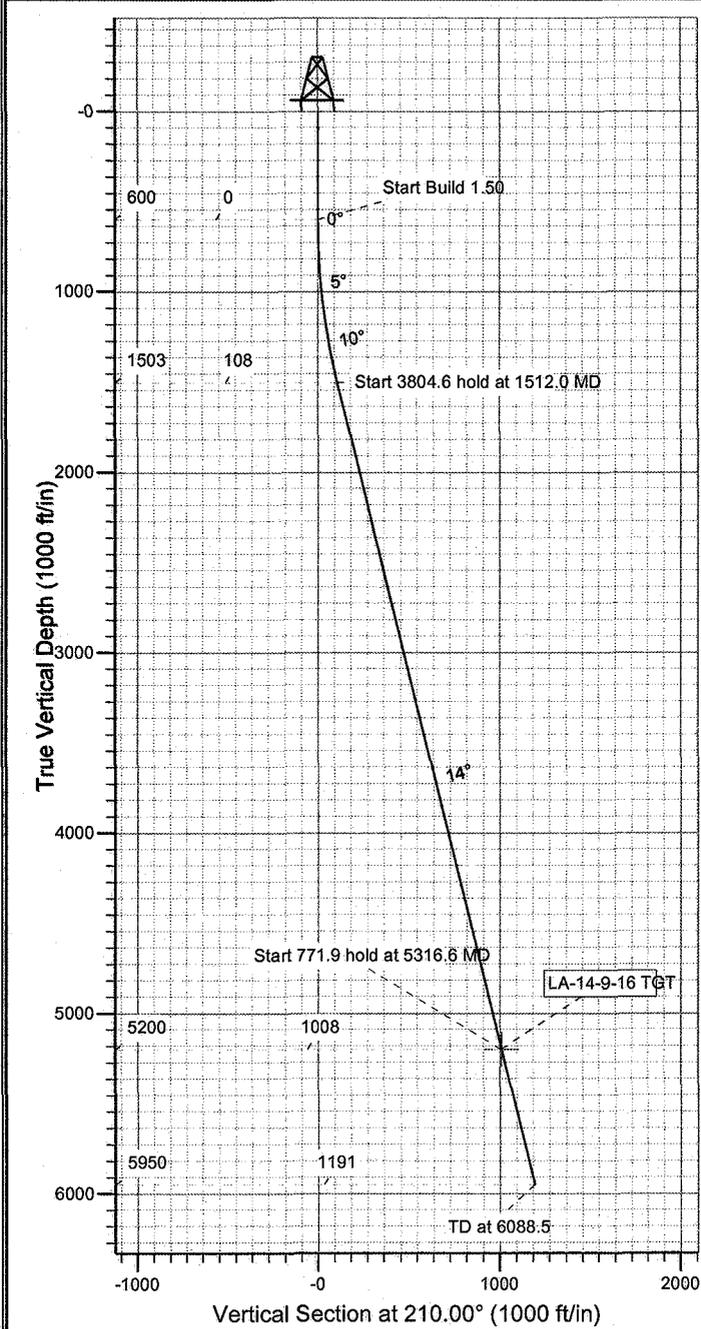
Project: USGS Myton SW (UT)
 Site: SECTION 14 T9S, R16E
 Well: LA-14-9-16
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.62°

Magnetic Field
 Strength: 52534.1snT
 Dip Angle: 65.85°
 Date: 2008/12/17
 Model: IGRF200510

KOP @ 600'
 DOGLEG RATE 1.5 DEG/100'
 TARGET RADIUS IS 75'

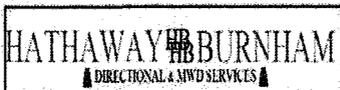


WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
LA-14-9-16 TGT	5200.0	-873.1	-504.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1512.0	13.68	210.00	1503.3	-93.8	-54.2	1.50	210.00	108.3	
4	5316.6	13.68	210.00	5200.0	-873.1	-504.0	0.00	0.00	1008.1	LA-14-9-16 TGT
5	6088.5	13.68	210.00	5950.0	-1031.2	-595.3	0.00	0.00	1190.6	



NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 14 T9S, R16E
LA-14-9-16**

Wellbore #1

Plan: Design #1

Standard Planning Report

22 December, 2008

HATHAWAY ^{HB} BURNHAM
DIRECTIONAL & MWD SERVICES



Hathaway Burnham

Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 14 T9S, R16E
Well: LA-14-9-16
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well LA-14-9-16
TVD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
MD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
North Reference: True
Survey Calculation Method: Minimum Curvature

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 14 T9S, R16E, SEC 14 T9S, R16E
Site Position:
From: Lat/Long **Northing:** 7,183,007.00ft **Latitude:** 40° 1' 50.269 N
Position Uncertainty: 0.0 ft **Easting:** 2,036,124.00ft **Longitude:** 110° 5' 12.324 W
Slot Radius: " **Grid Convergence:** 0.91 °

Well LA-14-9-16, SHL LAT:40 01 58.32, LONG: -110 04 47.36
Well Position **+N/-S** 814.6 ft **Northing:** 7,183,852.28 ft **Latitude:** 40° 1' 58.320 N
Position Uncertainty 0.0 ft **+E/-W** 1,941.9 ft **Easting:** 2,038,052.54 ft **Longitude:** 110° 4' 47.360 W
Wellhead Elevation: ft **Ground Level:** 0.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2008/12/17	11.62	65.85	52,534

Design Design #1

Audit Notes:

Version: **Phase:** PROTOTYPE **Tie On Depth:** 0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	210.00

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,512.0	13.68	210.00	1,503.3	-93.8	-54.2	1.50	1.50	0.00	210.00	
5,316.6	13.68	210.00	5,200.0	-873.1	-504.0	0.00	0.00	0.00	0.00	LA-14-9-16 TGT
6,088.5	13.68	210.00	5,950.0	-1,031.2	-595.3	0.00	0.00	0.00	0.00	



Hathaway Burnham

Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 14 T9S, R16E
Well: LA-14-9-16
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well LA-14-9-16
TVD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
MD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	210.00	700.0	-1.1	-0.7	1.3	1.50	1.50	0.00
800.0	3.00	210.00	799.9	-4.5	-2.6	5.2	1.50	1.50	0.00
900.0	4.50	210.00	899.7	-10.2	-5.9	11.8	1.50	1.50	0.00
1,000.0	6.00	210.00	999.3	-18.1	-10.5	20.9	1.50	1.50	0.00
1,100.0	7.50	210.00	1,098.6	-28.3	-16.3	32.7	1.50	1.50	0.00
1,200.0	9.00	210.00	1,197.5	-40.7	-23.5	47.0	1.50	1.50	0.00
1,300.0	10.50	210.00	1,296.1	-55.4	-32.0	64.0	1.50	1.50	0.00
1,400.0	12.00	210.00	1,394.2	-72.3	-41.7	83.5	1.50	1.50	0.00
1,500.0	13.50	210.00	1,491.7	-91.4	-52.8	105.5	1.50	1.50	0.00
1,512.0	13.68	210.00	1,503.3	-93.8	-54.2	108.3	1.50	1.50	0.00
1,600.0	13.68	210.00	1,588.9	-111.9	-64.6	129.2	0.00	0.00	0.00
1,700.0	13.68	210.00	1,686.0	-132.3	-76.4	152.8	0.00	0.00	0.00
1,800.0	13.68	210.00	1,783.2	-152.8	-88.2	176.5	0.00	0.00	0.00
1,900.0	13.68	210.00	1,880.4	-173.3	-100.0	200.1	0.00	0.00	0.00
2,000.0	13.68	210.00	1,977.5	-193.8	-111.9	223.8	0.00	0.00	0.00
2,100.0	13.68	210.00	2,074.7	-214.3	-123.7	247.4	0.00	0.00	0.00
2,200.0	13.68	210.00	2,171.8	-234.8	-135.5	271.1	0.00	0.00	0.00
2,300.0	13.68	210.00	2,269.0	-255.2	-147.3	294.7	0.00	0.00	0.00
2,400.0	13.68	210.00	2,366.2	-275.7	-159.2	318.4	0.00	0.00	0.00
2,500.0	13.68	210.00	2,463.3	-296.2	-171.0	342.0	0.00	0.00	0.00
2,600.0	13.68	210.00	2,560.5	-316.7	-182.8	365.7	0.00	0.00	0.00
2,700.0	13.68	210.00	2,657.7	-337.2	-194.6	389.3	0.00	0.00	0.00
2,800.0	13.68	210.00	2,754.8	-357.6	-206.5	413.0	0.00	0.00	0.00
2,900.0	13.68	210.00	2,852.0	-378.1	-218.3	436.6	0.00	0.00	0.00
3,000.0	13.68	210.00	2,949.2	-398.6	-230.1	460.3	0.00	0.00	0.00
3,100.0	13.68	210.00	3,046.3	-419.1	-241.9	483.9	0.00	0.00	0.00
3,200.0	13.68	210.00	3,143.5	-439.6	-253.7	507.5	0.00	0.00	0.00
3,300.0	13.68	210.00	3,240.6	-460.0	-265.6	531.2	0.00	0.00	0.00
3,400.0	13.68	210.00	3,337.8	-480.5	-277.4	554.8	0.00	0.00	0.00
3,500.0	13.68	210.00	3,435.0	-501.0	-289.2	578.5	0.00	0.00	0.00
3,600.0	13.68	210.00	3,532.1	-521.5	-301.0	602.1	0.00	0.00	0.00
3,700.0	13.68	210.00	3,629.3	-542.0	-312.9	625.8	0.00	0.00	0.00
3,800.0	13.68	210.00	3,726.5	-562.5	-324.7	649.4	0.00	0.00	0.00
3,900.0	13.68	210.00	3,823.6	-582.9	-336.5	673.1	0.00	0.00	0.00
4,000.0	13.68	210.00	3,920.8	-603.4	-348.3	696.7	0.00	0.00	0.00
4,100.0	13.68	210.00	4,017.9	-623.9	-360.2	720.4	0.00	0.00	0.00
4,200.0	13.68	210.00	4,115.1	-644.4	-372.0	744.0	0.00	0.00	0.00
4,300.0	13.68	210.00	4,212.3	-664.9	-383.8	767.7	0.00	0.00	0.00
4,400.0	13.68	210.00	4,309.4	-685.3	-395.6	791.3	0.00	0.00	0.00
4,500.0	13.68	210.00	4,406.6	-705.8	-407.4	815.0	0.00	0.00	0.00
4,600.0	13.68	210.00	4,503.8	-726.3	-419.3	838.6	0.00	0.00	0.00
4,700.0	13.68	210.00	4,600.9	-746.8	-431.1	862.3	0.00	0.00	0.00
4,800.0	13.68	210.00	4,698.1	-767.3	-442.9	885.9	0.00	0.00	0.00
4,900.0	13.68	210.00	4,795.3	-787.7	-454.7	909.6	0.00	0.00	0.00
5,000.0	13.68	210.00	4,892.4	-808.2	-466.6	933.2	0.00	0.00	0.00
5,100.0	13.68	210.00	4,989.6	-828.7	-478.4	956.9	0.00	0.00	0.00
5,200.0	13.68	210.00	5,086.7	-849.2	-490.2	980.5	0.00	0.00	0.00



Hathaway Burnham

Planning Report



Database: EDM 2003.21 Single User Db
Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 14 T9S, R16E
Well: LA-14-9-16
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well LA-14-9-16
TVD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
MD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
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)
5,300.0	13.68	210.00	5,183.9	-869.7	-502.0	1,004.2	0.00	0.00	0.00
5,316.6	13.68	210.00	5,200.0	-873.1	-504.0	1,008.1	0.00	0.00	0.00
5,400.0	13.68	210.00	5,281.1	-890.2	-513.9	1,027.8	0.00	0.00	0.00
5,500.0	13.68	210.00	5,378.2	-910.6	-525.7	1,051.5	0.00	0.00	0.00
5,600.0	13.68	210.00	5,475.4	-931.1	-537.5	1,075.1	0.00	0.00	0.00
5,700.0	13.68	210.00	5,572.6	-951.6	-549.3	1,098.8	0.00	0.00	0.00
5,800.0	13.68	210.00	5,669.7	-972.1	-561.2	1,122.4	0.00	0.00	0.00
5,900.0	13.68	210.00	5,766.9	-992.6	-573.0	1,146.1	0.00	0.00	0.00
6,000.0	13.68	210.00	5,864.1	-1,013.0	-584.8	1,169.7	0.00	0.00	0.00
6,088.5	13.68	210.00	5,950.0	-1,031.2	-595.3	1,190.6	0.00	0.00	0.00



Calculation Method: Minimum Curvature
 Error System: Spheroidal Ellipse
 Scan Method: Closest Approach 3D
 Error Surface: Elliptical Conic
 Warning Method: Error Ratio



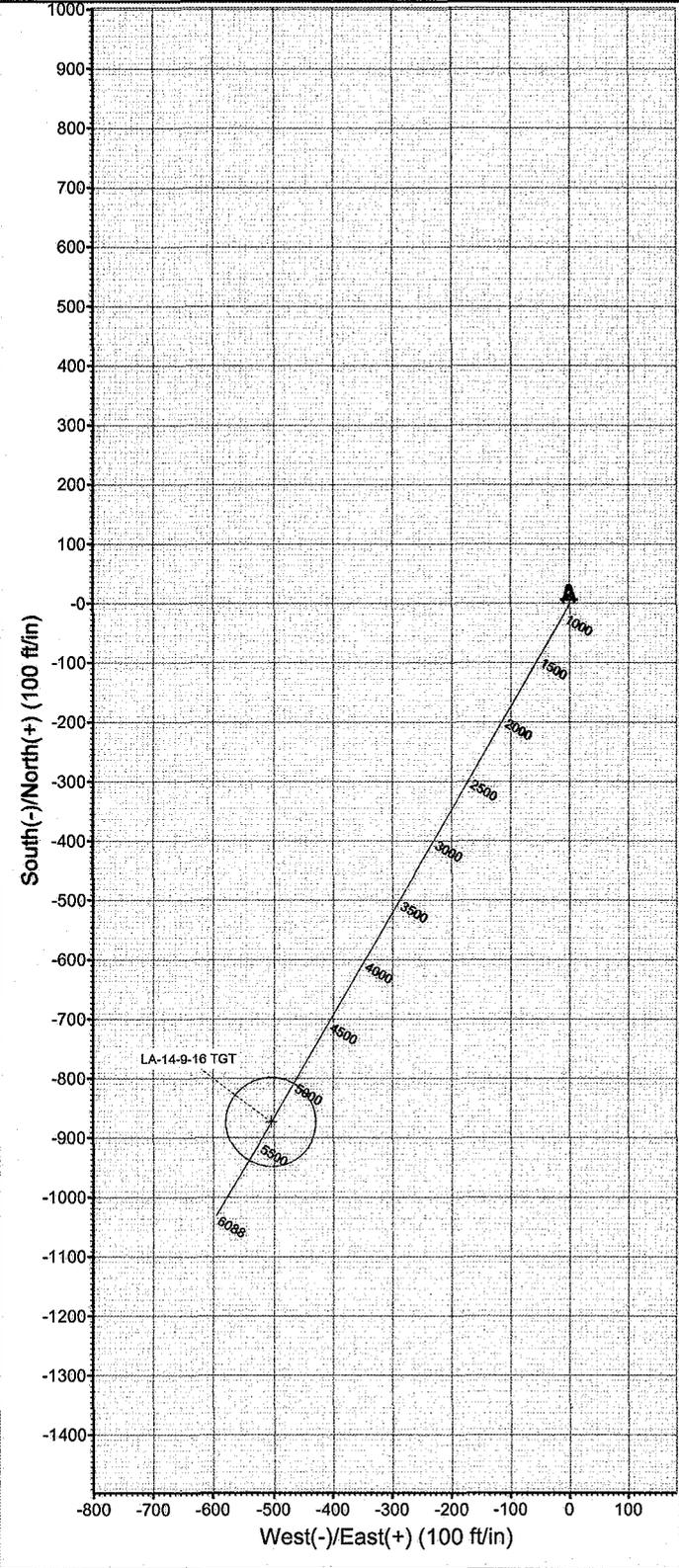
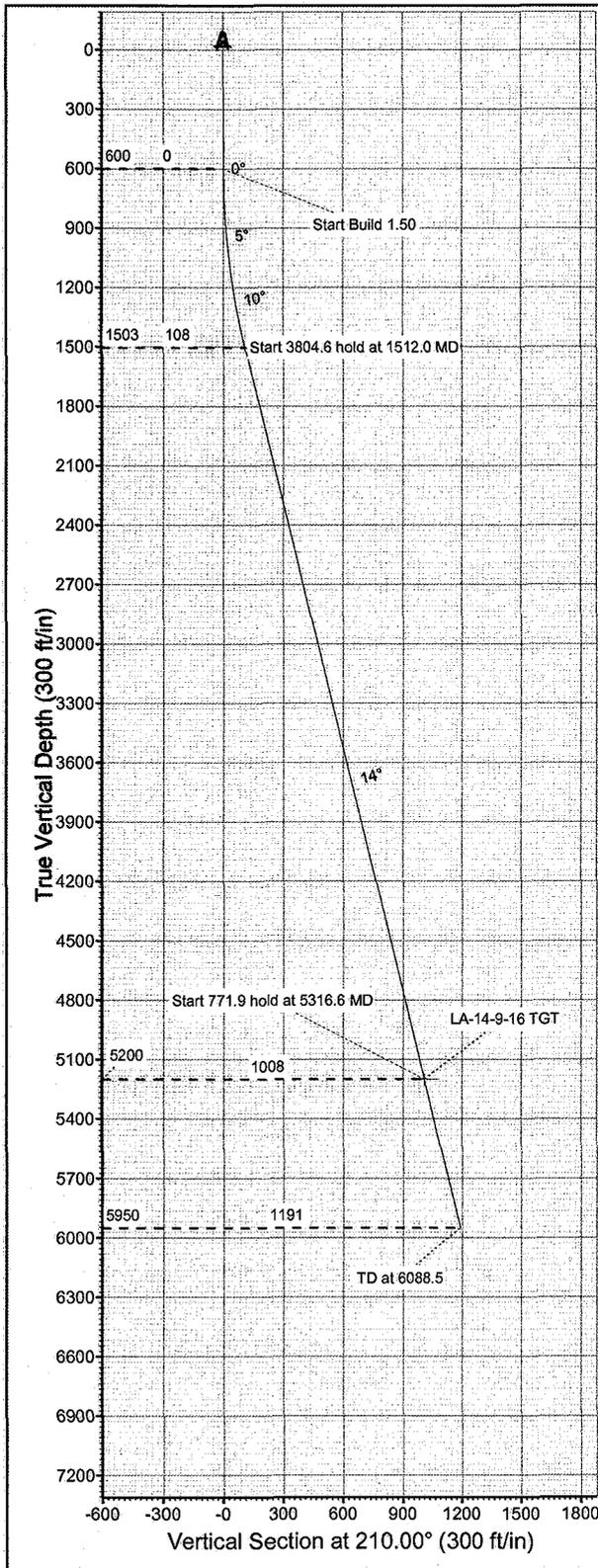
Azimuth to True North
 Magnetic North: 11.62°

Magnetic Field
 Strength: 52534.1nT
 Dip Angle: 65.85°
 Date: 2008/12/17
 Model: IGRF200510



Project: USGS Mylon SW (UT)
 Site: SECTION 14 T9S, R18E
 Well: LA-14-9-16
 Wellbore: Wellbore #1
 Design: Design #1

KOP @ 600'
 DOGLEG RATE 1.6 DEG/100'
 TARGET RADIUS IS 75'



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
LA-14-9-16 TGT	5200.0	-873.1	-504.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	800.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1512.0	13.68	210.00	1503.3	-93.8	-54.2	1.50	210.00	108.3	
4	5316.6	13.68	210.00	5200.0	-873.1	-504.0	0.00	0.00	1008.1	LA-14-9-16 TGT
5	6088.5	13.68	210.00	5950.0	-1031.2	-595.3	0.00	0.00	1190.6	



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT
Site: Jonah Unit L-14-9-16
Well: Jonah Unit L-14-9-16
Wellbore: OH
Design: Plan #1



Newfield Exploration Co.

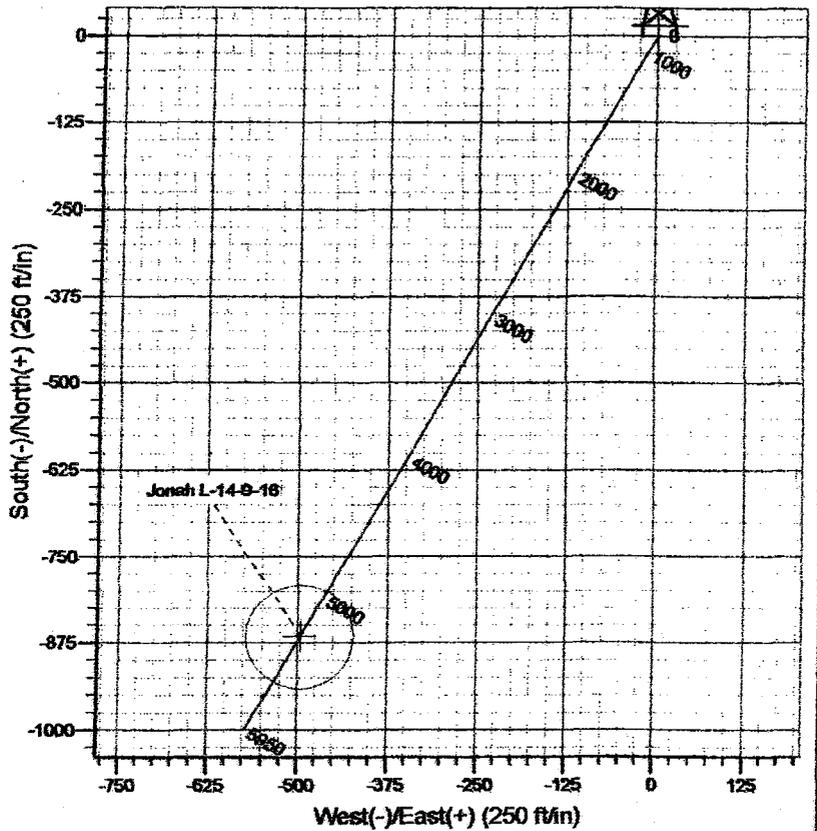
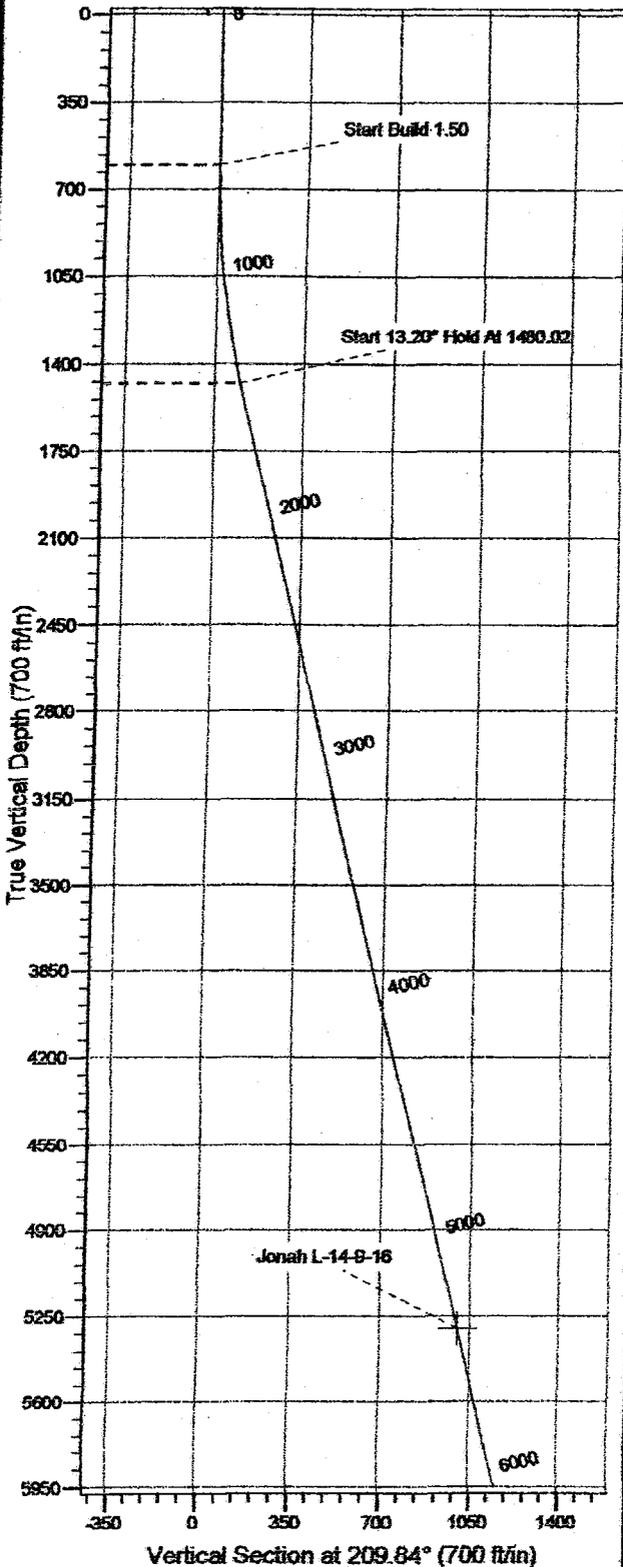
WELL DETAILS: Jonah Unit L-14-9-16

GL 5606' & RKB 12' @ 5618.00ft (NDSI 2) 5606.00
+N-S +E-W Northing Easting Latitude Longitude Slot
0.00 0.00 7183859.46 2038049.73 40° 1' 58.250 N 110° 4' 47.450 W



Azimuths to True North
Magnetic North: 11.77

Magnetic Field
Strength: 52642.9nT
Dip Angle: 65.88
Date: 2007-10-22
Model: IGRF2005-11



FORMATION TOP DETAILS

Plan: Plan #1 (Jonah Unit L-14-9-16/OH)

Created By: Rex Hall Date: 2007-10-23

PROJECT DETAILS: Duchesne County, UT

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

System Datum: Mean Sea Level
Local North: True

SECTION DETAILS

Sec	MD	Inc	Act	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	
3	1480.02	13.20	209.84	1472.28	-87.54	-50.22	1.50	209.84	100.83	
4	5411.85	13.20	209.84	5383.69	-886.39	-487.08	0.80	0.80	898.74	Jonah L-14-9-16
5	8079.29	13.20	209.84	5950.00	-896.54	-572.87	0.00	0.00	1151.20	

Scientific Drilling

Planning Report

Database: EDM_OCT_1	Local Co-ordinate Reference: Well Jonah Unit L-14-9-16	GL 5606' & RKB 12' @ 5618.00ft (NDSI 2)
Company: Newfield Exploration Co.	TVD Reference: GL 5606' & RKB 12' @ 5618.00ft (NDSI 2)	
Project: Duchesne County, UT	MD Reference: True	
Site: Jonah Unit L-14-9-16	North Reference: Minimum Curvature	
Well: Jonah Unit L-14-9-16		
Wellbore: OH		
Design: Plan #1		

Project	Duchesne County, UT		
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 L-14-9-16, Sec 14 T8S R16E				
Site Position:	Lat/Long	Northing:	7,183,859.47 ft	Latitude:	40° 1' 58.250 N
From:		Easting:	2,038,049.73 ft	Longitude:	110° 4' 47.450 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.91 °

Well	Jonah Unit L-14-9-16, 1913' FNL & 738' FEL					
Well Position	+N-S	0.00 ft	Northing:	7,183,859.46 ft	Latitude:	40° 1' 58.250 N
	+E-W	0.00 ft	Easting:	2,038,049.73 ft	Longitude:	110° 4' 47.450 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,606.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRP2005-10	2007-10-23	11.77	65.88	52,643

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	209.84	

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)	TPO (°)	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	
1,480.02	13.20	209.84	1,472.26	-87.54	-50.22	1.50	1.50	0.00	209.84	
5,411.65	13.20	209.84	5,300.00	-866.30	-497.00	0.00	0.00	0.00	0.00	Jonah L-14-9-16
6,079.29	13.20	209.84	5,950.00	-998.54	-572.87	0.00	0.00	0.00	0.00	

Scientific Drilling Planning Report

Database: EDM_OCT_1
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Jonah Unit L-14-9-16
Well: Jonah Unit L-14-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
UTM Reference:
WGS Reference:
North Reference:
Survey Calculation Method:

Well Jonah Unit L-14-9-16
GL 5606 & FK16 12 @ 5628.00ft (NAD83 2)
GL 5606 & FK16 12 @ 5618.00ft (NAD83 2)
True
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
Start Build 1.50									
700.00	1.50	209.84	699.99	-1.14	-0.65	1.31	1.50	1.50	0.00
800.00	3.00	209.84	799.91	-4.54	-2.61	5.23	1.50	1.50	0.00
900.00	4.50	209.84	899.69	-10.21	-5.86	11.78	1.50	1.50	0.00
1,000.00	6.00	209.84	999.27	-18.15	-10.41	20.93	1.50	1.50	0.00
1,100.00	7.50	209.84	1,098.58	-28.35	-16.26	32.68	1.50	1.50	0.00
1,200.00	9.00	209.84	1,197.54	-40.79	-23.40	47.03	1.50	1.50	0.00
1,300.00	10.50	209.84	1,296.09	-55.48	-31.83	63.96	1.50	1.50	0.00
1,400.00	12.00	209.84	1,394.17	-72.40	-41.54	83.47	1.50	1.50	0.00
1,480.02	13.20	209.84	1,472.26	-87.54	-50.22	100.93	1.50	1.50	0.00
Start 13.20° Hold At 1480.02									
1,500.00	13.20	209.84	1,491.71	-91.50	-52.49	105.49	0.00	0.00	0.00
1,600.00	13.20	209.84	1,589.07	-111.31	-63.86	128.32	0.00	0.00	0.00
1,700.00	13.20	209.84	1,686.43	-131.12	-75.22	151.16	0.00	0.00	0.00
1,800.00	13.20	209.84	1,783.78	-150.92	-86.59	174.00	0.00	0.00	0.00
1,900.00	13.20	209.84	1,881.14	-170.73	-97.95	196.83	0.00	0.00	0.00
2,000.00	13.20	209.84	1,978.50	-190.54	-109.31	219.67	0.00	0.00	0.00
2,100.00	13.20	209.84	2,075.86	-210.34	-120.68	242.50	0.00	0.00	0.00
2,200.00	13.20	209.84	2,173.22	-230.15	-132.04	265.34	0.00	0.00	0.00
2,300.00	13.20	209.84	2,270.57	-249.96	-143.40	288.17	0.00	0.00	0.00
2,400.00	13.20	209.84	2,367.93	-269.77	-154.77	311.01	0.00	0.00	0.00
2,500.01	13.20	209.84	2,465.29	-289.57	-166.13	333.85	0.00	0.00	0.00
2,600.01	13.20	209.84	2,562.65	-309.38	-177.49	356.68	0.00	0.00	0.00
2,700.01	13.20	209.84	2,660.01	-329.19	-188.86	379.52	0.00	0.00	0.00
2,800.01	13.20	209.84	2,757.36	-349.00	-200.22	402.35	0.00	0.00	0.00
2,900.01	13.20	209.84	2,854.72	-368.80	-211.59	425.19	0.00	0.00	0.00
3,000.01	13.20	209.84	2,952.08	-388.61	-222.95	448.02	0.00	0.00	0.00
3,100.01	13.20	209.84	3,049.44	-408.42	-234.31	470.86	0.00	0.00	0.00
3,200.01	13.20	209.84	3,146.80	-428.23	-245.68	493.70	0.00	0.00	0.00
3,300.01	13.20	209.84	3,244.15	-448.03	-257.04	516.53	0.00	0.00	0.00
3,400.01	13.20	209.84	3,341.51	-467.84	-268.40	539.37	0.00	0.00	0.00
3,500.01	13.20	209.84	3,438.87	-487.65	-279.77	562.20	0.00	0.00	0.00
3,600.01	13.20	209.84	3,536.23	-507.46	-291.13	585.04	0.00	0.00	0.00
3,700.01	13.20	209.84	3,633.59	-527.26	-302.50	607.87	0.00	0.00	0.00
3,800.01	13.20	209.84	3,730.94	-547.07	-313.86	630.71	0.00	0.00	0.00
3,900.01	13.20	209.84	3,828.30	-566.88	-325.22	653.55	0.00	0.00	0.00
4,000.01	13.20	209.84	3,925.66	-586.69	-336.59	676.38	0.00	0.00	0.00
4,100.01	13.20	209.84	4,023.02	-606.49	-347.95	699.22	0.00	0.00	0.00
4,200.01	13.20	209.84	4,120.38	-626.30	-359.31	722.05	0.00	0.00	0.00
4,300.01	13.20	209.84	4,217.73	-646.11	-370.68	744.89	0.00	0.00	0.00
4,400.01	13.20	209.84	4,315.09	-665.92	-382.04	767.72	0.00	0.00	0.00
4,500.01	13.20	209.84	4,412.45	-685.72	-393.40	790.56	0.00	0.00	0.00
4,600.01	13.20	209.84	4,509.81	-705.53	-404.77	813.40	0.00	0.00	0.00
4,700.01	13.20	209.84	4,607.17	-725.34	-416.13	836.23	0.00	0.00	0.00
4,800.01	13.20	209.84	4,704.52	-745.15	-427.50	859.07	0.00	0.00	0.00
4,900.01	13.20	209.84	4,801.88	-764.95	-438.86	881.90	0.00	0.00	0.00

Scientific Drilling Planning Report

Date: EDM_OCT_1
Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Jonah Unit L-14-9-16
Well: Jonah Unit L-14-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well Jonah Unit L-14-9-16
 GL 5606' & RKB 12' @ 5618.00R (NDSI 2)
 GL 5606' & RKB 12' @ 5618.00R (NDSI 2)
 True
 Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/S (ft)	+E/W (ft)	Vertical Section (ft)	Diplog Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,000.01	13.20	209.84	4,899.24	-784.75	-450.22	904.74	0.00	0.00	0.00
5,100.01	13.20	209.84	4,996.60	-804.57	-461.59	927.57	0.00	0.00	0.00
5,200.01	13.20	209.84	5,093.95	-824.38	-472.95	950.41	0.00	0.00	0.00
5,300.01	13.20	209.84	5,191.31	-844.18	-484.31	973.24	0.00	0.00	0.00
5,400.01	13.20	209.84	5,288.67	-863.99	-495.68	996.08	0.00	0.00	0.00
5,411.65	13.20	209.84	5,300.00	-866.30	-497.00	998.74	0.00	0.00	0.00
Jonah L-14-9-16									
5,500.01	13.20	209.84	5,396.65	-885.80	-507.94	1,019.92	0.00	0.00	0.00
5,600.01	13.20	209.84	5,483.39	-903.61	-518.41	1,041.75	0.00	0.00	0.00
5,700.01	13.20	209.84	5,580.74	-923.41	-529.77	1,064.59	0.00	0.00	0.00
5,800.01	13.20	209.84	5,678.10	-943.22	-541.13	1,087.42	0.00	0.00	0.00
5,900.01	13.20	209.84	5,775.46	-963.03	-552.50	1,110.26	0.00	0.00	0.00
6,000.01	13.20	209.84	5,872.82	-982.84	-563.86	1,133.09	0.00	0.00	0.00
6,079.29	13.20	209.84	5,950.00	-998.54	-572.87	1,156.29	0.00	0.00	0.00

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/S (ft)	+E/W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Jonah L-14-9-16	0.00	0.00	5,300.00	-866.30	-497.00	7,182,985.38	2,037,566.55	40° 1' 49.688 N	110° 4' 53.840 W
- hit/miss target									
- Shape									
- plan hits target									
- Circle (radius 75.00)									

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/S (ft)	+E/W (ft)	
600.00	600.00	0.00	0.00	Start Build 1.50
1,480.02	1,472.26	-87.54	-50.22	Start 13.20° Hold At 1480.02

NEWFIELD PRODUCTION COMPANY

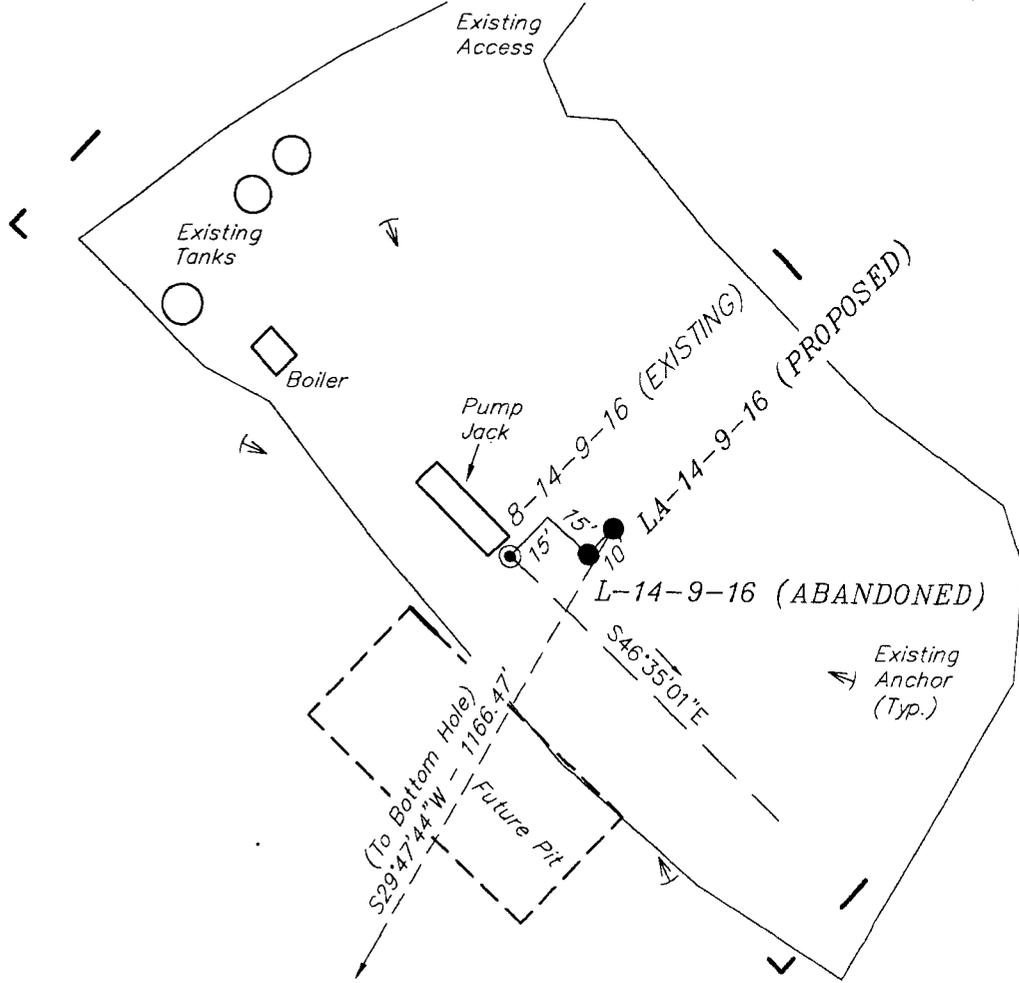
WELL PAD INTERFERENCE PLAT

JONAH UNIT LA-14-9-16 (Proposed Well)

JONAH UNIT L-14-9-16 (Abandoned Well)

JONAH UNIT 8-14-9-16 (Existing Well)

Pad Location: SENE Section 14, T9S, R16E, S.L.B.&M.



TOP HOLE FOOTAGES

L-14-9-16 (ABANDONED)
1913' FNL & 738' FEL

LA-14-9-16 (PROPOSED)
1906' FNL & 732' FEL

BOTTOM HOLE FOOTAGES

L-14-9-16 (ABANDONED)
2352' FSL & 1311' FEL

LA-14-9-16 (PROPOSED)
2352' FSL & 1311' FEL

RELATIVE COORDINATES

From top hole to bottom hole

WELL	NORTH	EAST
LA-14-9-16	-1006'	-573'
L-14-9-16	-1012'	-580'

LATITUDE & LONGITUDE

Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
LA-14-9-16	40° 01' 58.32"	110° 04' 47.36"
L-14-9-16	40° 01' 58.25"	110° 04' 47.45"
8-14-9-16	40° 01' 58.24"	110° 04' 47.75"

Note:
Bearings are based on
G.P.S. observations.

SURVEYED BY: T.H.	DATE SURVEYED: 08-14-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-12-07
SCALE: 1" = 50'	REVISED: F.T.M. 12-19-08

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

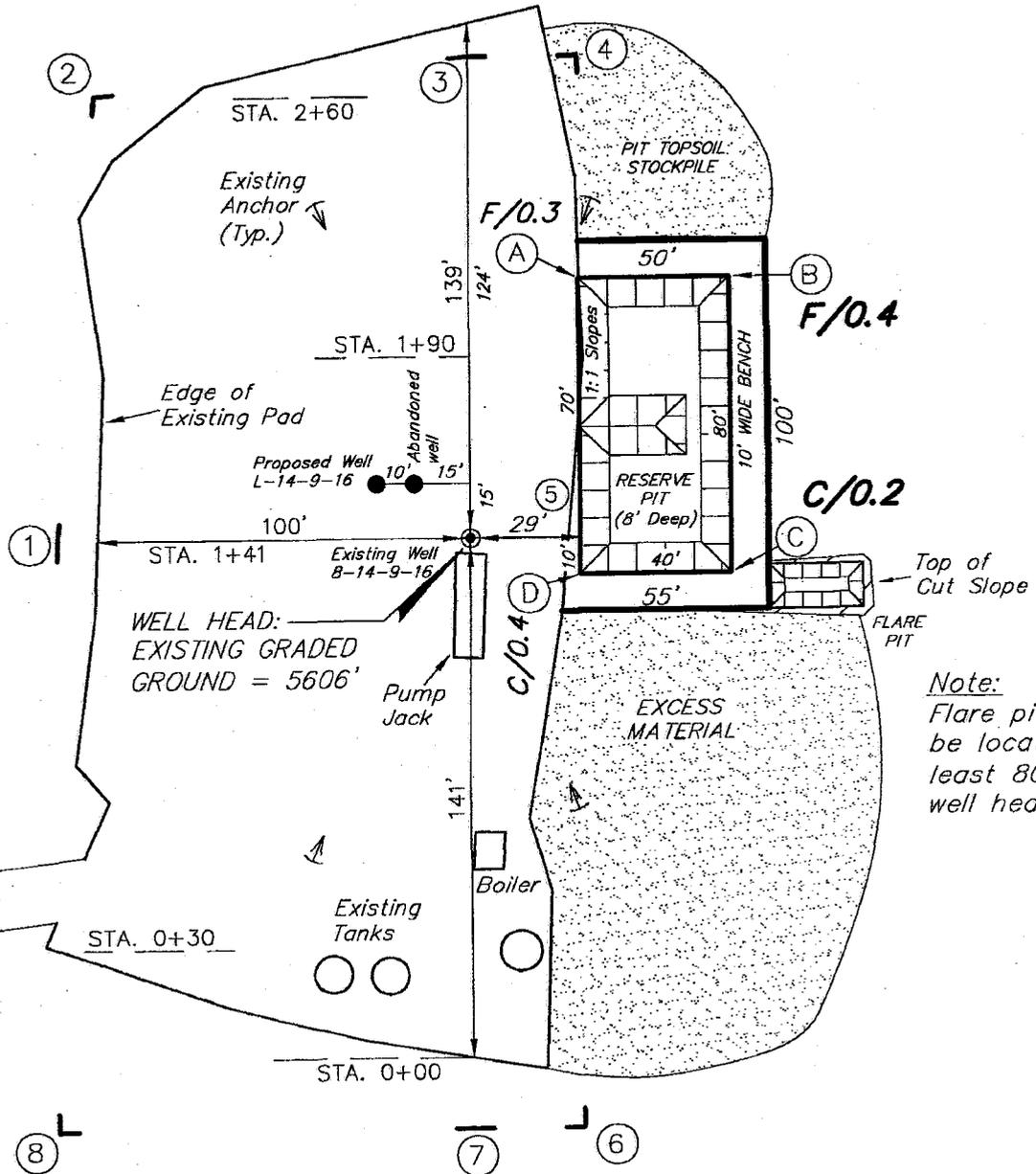
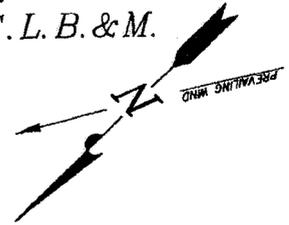
NEWFIELD PRODUCTION COMPANY

JONAH UNIT LA-14-9-16 (Proposed Well)

JONAH UNIT L-14-9-16 (Abandoned)

JONAH UNIT 8-14-9-16 (Existing Well)

Pad Location: SENE Section 14, T9S, R16E, S.L.B.&M.



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

SURVEYED BY: T.H.	DATE SURVEYED: 08-14-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-12-07
SCALE: 1" = 50'	REVISED: F.T.M. 12-19-08

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

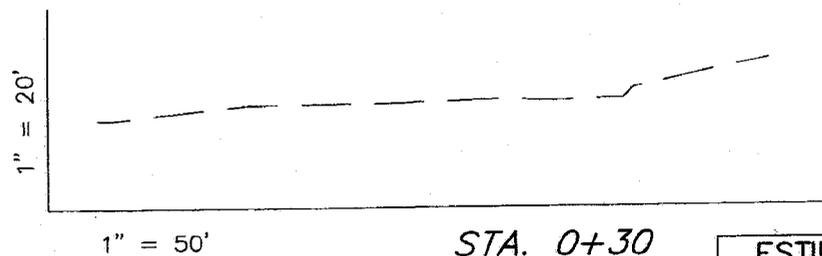
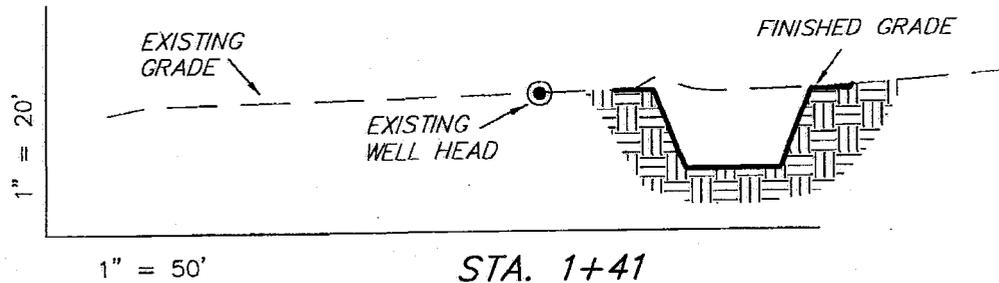
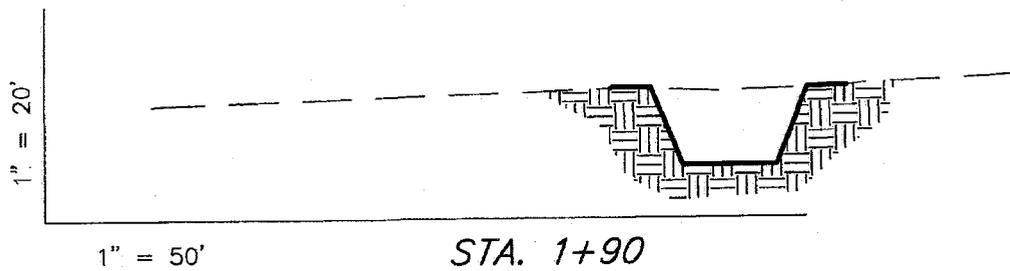
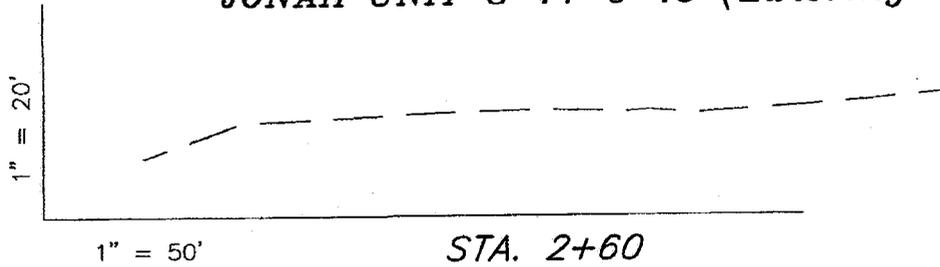
NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

JONAH UNIT LA-14-9-16 (Proposed Well)

JONAH UNIT L-14-9-16 (Abandoned)

JONAH UNIT 8-14-9-16 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES AND 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	10	10	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	650	10	120	640

SURVEYED BY: T.H.	DATE SURVEYED: 08-14-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-12-07
SCALE: 1" = 50'	REVISED: F.T.M. 12-19-08

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

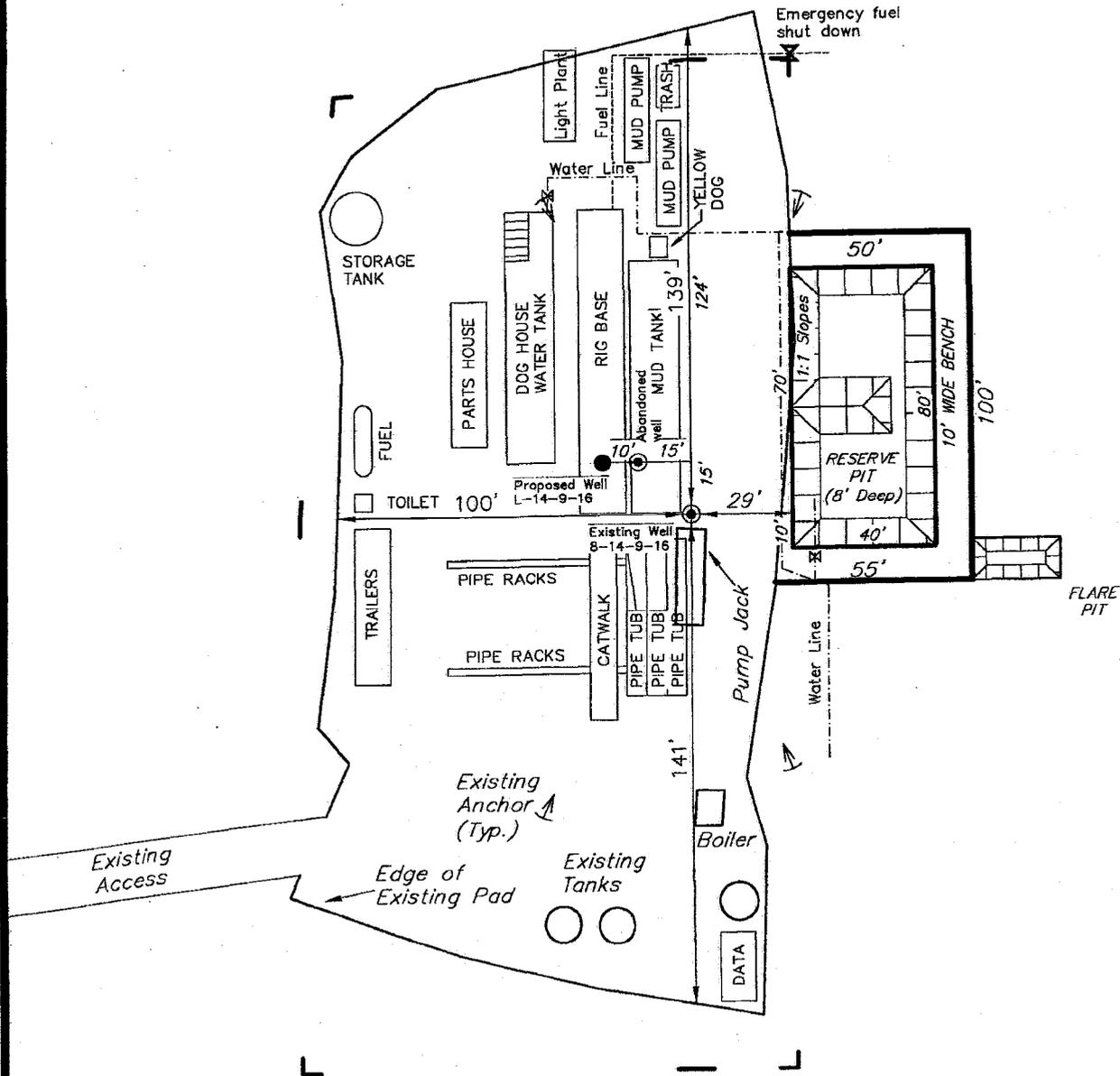
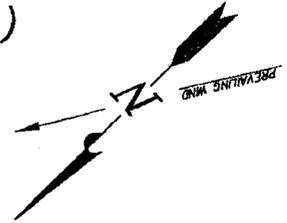
NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH UNIT LA-14-9-16 (Proposed Well)

JONAH UNIT L-14-9-16 (Abandoned)

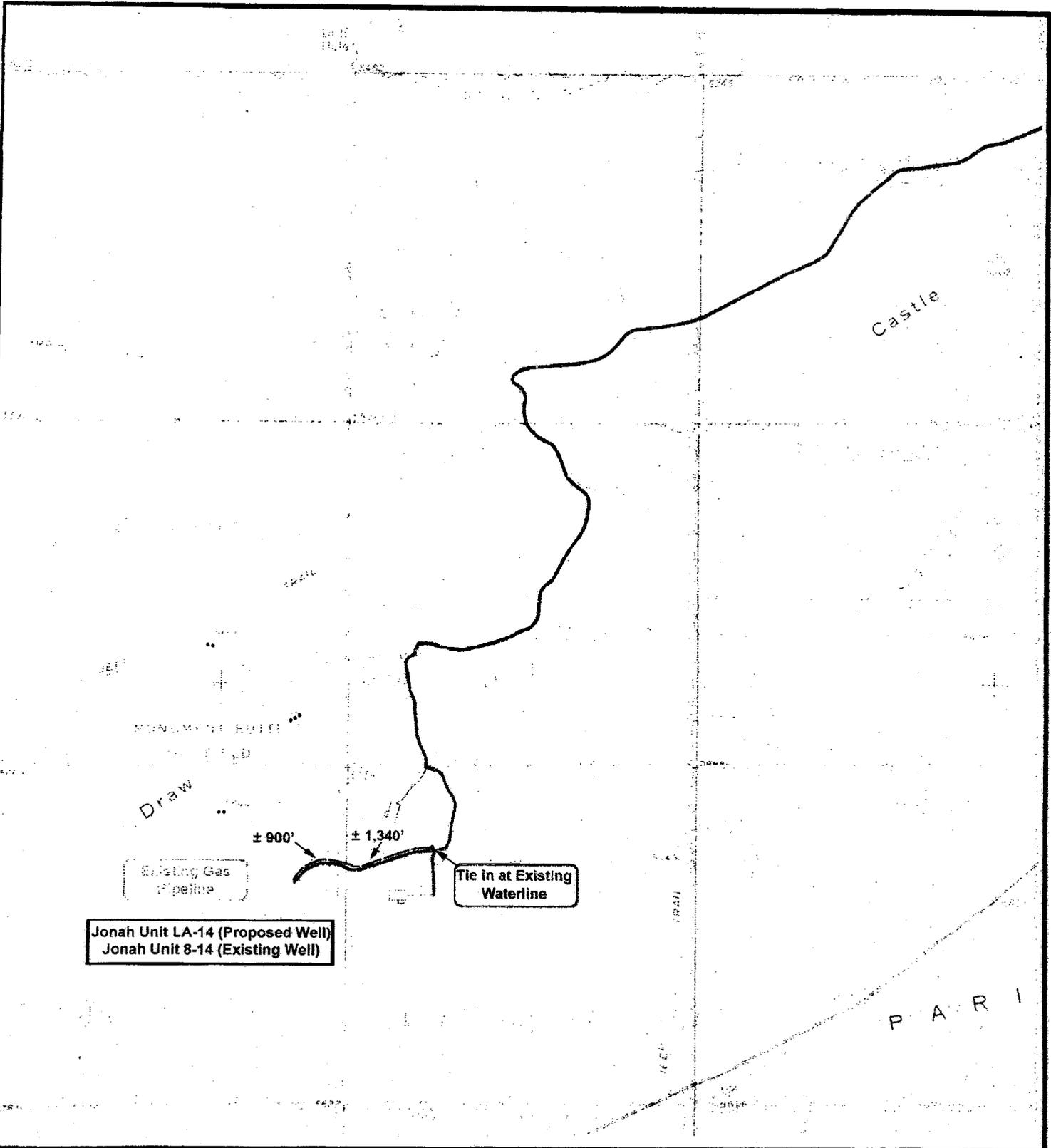
JONAH UNIT 8-14-9-16 (Existing Well)



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

SURVEYED BY: T.H.	DATE SURVEYED: 08-14-07
DRAWN BY: F.T.M.	DATE DRAWN: 09-12-07
SCALE: 1" = 50'	REVISED: F.T.M. 12-19-08

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



Jonah Unit LA-14 (Proposed Well)
 Jonah Unit 8-14 (Existing Well)

NEWFIELD
 Exploration Company

Jonah Unit LA-14-9-16 (Proposed Well)
Jonah Unit 8-14-9-16 (Existing Well)
 Pad Location: SENE SEC. 14, T9S, R16E, S.L.B.&M.



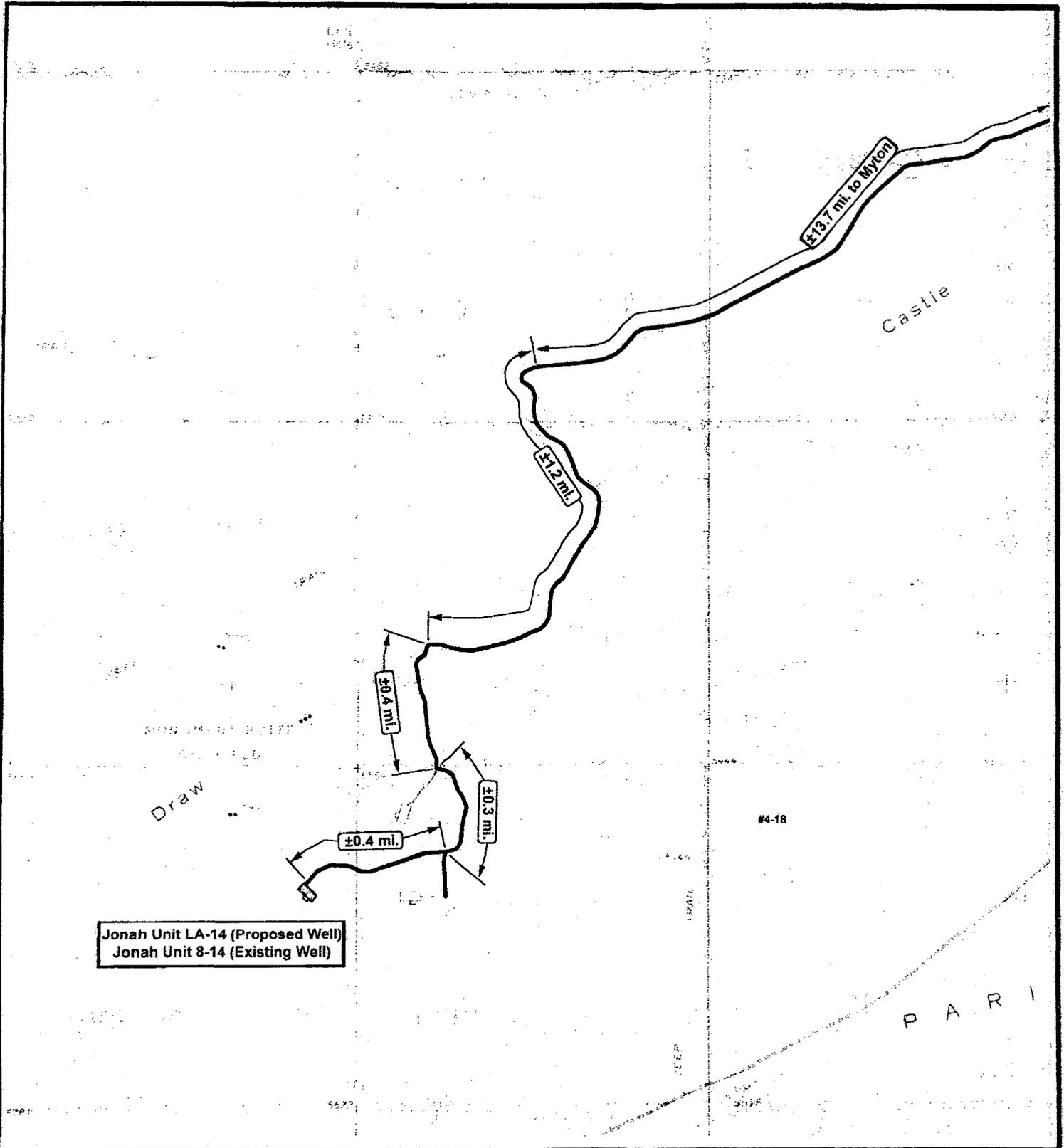
Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 09-20-2007

Legend

- Roads
- Proposed Water Line

TOPOGRAPHIC MAP
"C"



Jonah Unit LA-14 (Proposed Well)
 Jonah Unit 8-14 (Existing Well)



Jonah Unit LA-14-9-16 (Proposed Well)
Jonah Unit 8-14-9-16 (Existing Well)
 Pad Location: SENE SEC. 14, T9S, R16E, S.L.B.&M.



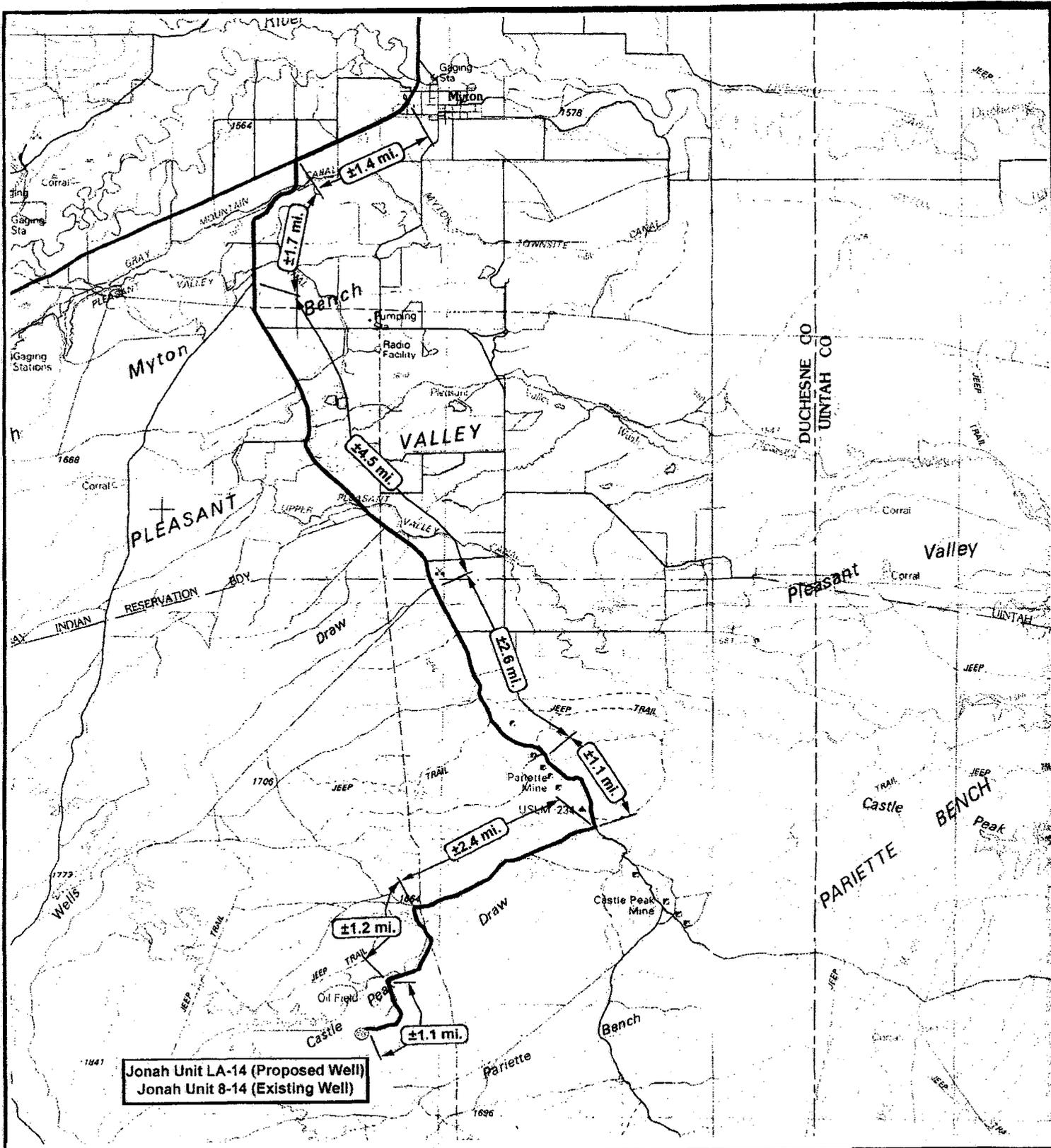
Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
 DRAWN BY: mw
 DATE: 09-20-2007

Legend

Existing Road

TOPOGRAPHIC MAP
"B"



Jonah Unit LA-14 (Proposed Well)
 Jonah Unit 8-14 (Existing Well)

NEWFIELD
 Exploration Company

Jonah Unit LA-14-9-16 (Proposed Well)
Jonah Unit 8-14-9-16 (Existing Well)
 Pad Location: SENE SEC. 14, T9S, R16E, S.L.B.&M.

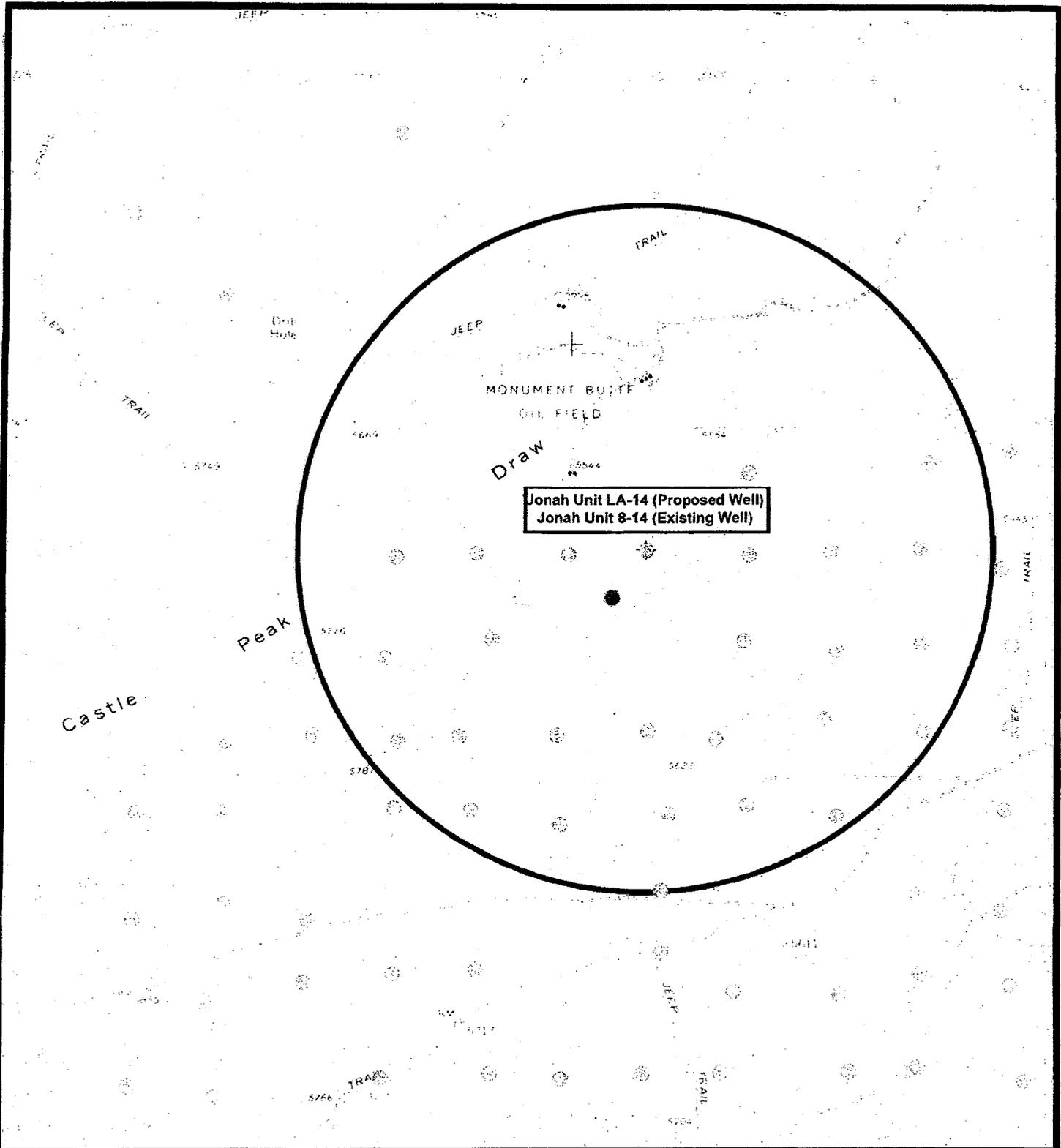


Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE 1" = 2,000'
 DRAWN BY: JAW
 DATE: 03-30-2007

Legend
 Existing Road

TOPOGRAPHIC MAP
"A"



Jonah Unit LA-14 (Proposed Well)
 Jonah Unit 8-14 (Existing Well)



Jonah Unit LA-14-9-16 (Proposed Well)
Jonah Unit 8-14-9-16 (Existing Well)
 Pad Location: SENE SEC. 14, T9S, R16E, S.L.B.&M.

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

SCALE 1" = 2,000'
 DRAWN BY: JTW
 PLOTTED: 08/20/07

Legend

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

Exhibit "B"

Exhibit "D"

1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S TEN PROPOSED
WATERLINES: GB II G-29-8-17, GB II K-28-8-17,
GB II I-27-8-17, JU L-14-9-16, JU M-14-9-16,
SW Q-31-8-17, MB F-36-8-16, WD I-4-9-16,
PV Y-4-9-17, AND PV Q-9-9-17,
DUCHESNE AND Uintah COUNTIES, UTAH

By:

Keith R. Montgomery

Prepared For:

Bureau of Land Management
Vernal Field Office
and
State of Utah
School and Institutional
Trust Lands Administration

Prepared Under Contract With:

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

Prepared By:

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

MOAC Report No. 07-350

October 23, 2007

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Public Lands Policy
Archaeological Survey Permit No. 117

State of Utah Antiquities Project (Survey)
Permit No. U-07-MQ-1251b,s

252

NEWFIELD EXPLORATION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
GAS AND WATER PIPELINE TIE-INS**

14-9H-9-17 (SW 1/4, SW 1/4, Sec. 9, T 9 S, R 17 E); 14-4H-9-17
(SW 1/4, SW 1/4, Sec. 4, T 9 S, R 17 E); II 8-28-8-17 (SE 1/4, NE 1/4, Sec. 28, T 8 S, R 17E);
II 8-27-8-17 (SE 1/4, NE 1/4, Sec. 27, T 8 S, R 17 E); 4-29-8-17 (NW 1/4, NW 1/4, Sec. 29,
T 8 S, R 17 E); 12-31-8-17 (NW 1/4, SW 1/4, Sec. 31, T 8 S, R 17 E); 8-14-9-16 (SE 1/4, NE
1/4, Sec. 14, T 9 s, R 16 E); 6-14-9-16 (SE 1/4, NW 1/4, Sec. 14, T 9 S, R 16 E); 42-4G-9-16
(SE 1/4, NE 1/4, Sec. 4, T 9 S, R 16 E)

Duchesne County, Utah

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
October 30, 2007

2-M SYSTEM
Blowout Prevention Equipment Systems

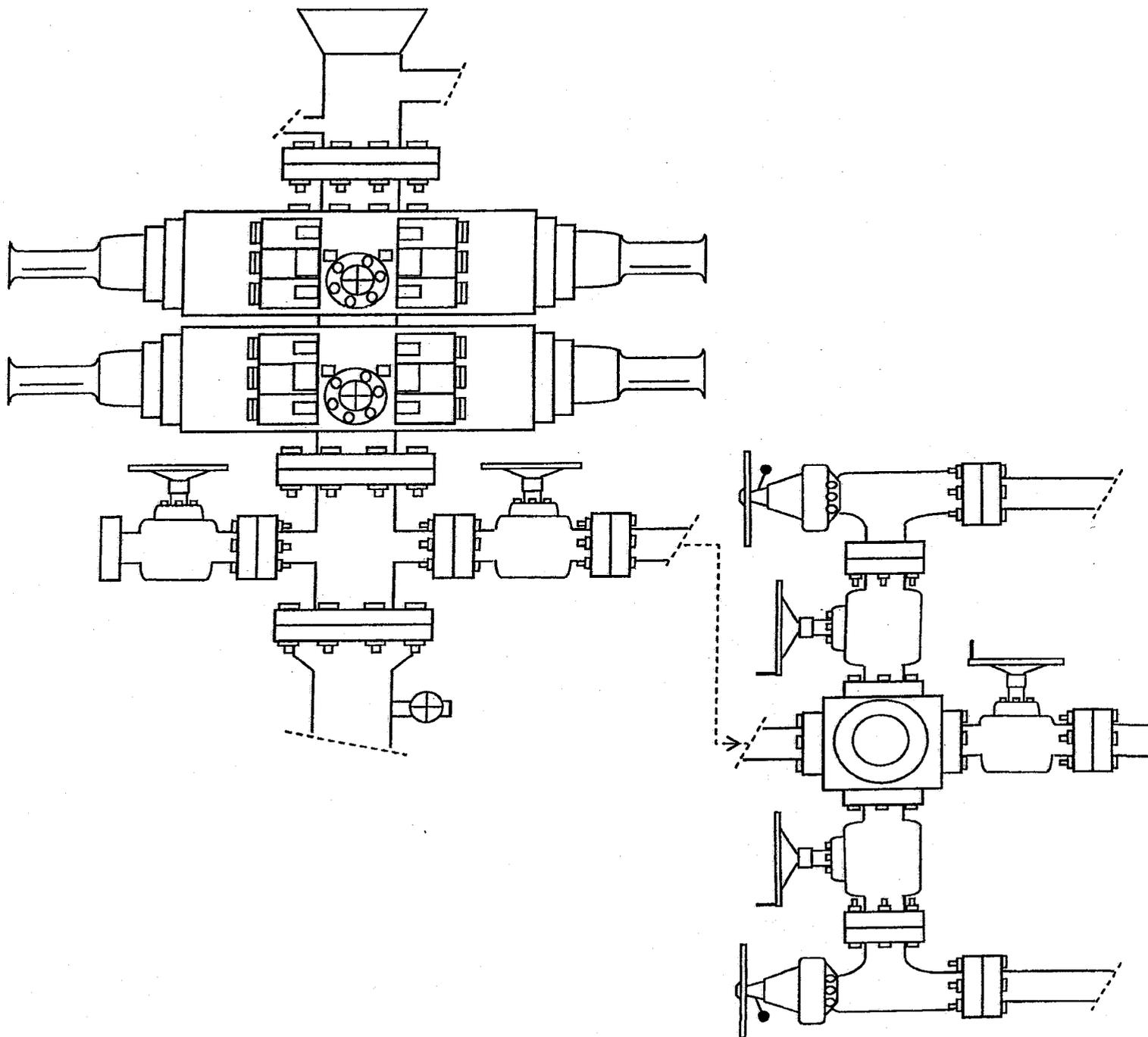


EXHIBIT C

Newfield Exploration Co.

Duchesne County, UT

Jonah Unit L-14-9-16

Jonah Unit L-14-9-16

OH

Plan: Plan #1

Standard Planning Report

23 October, 2007

Diana Mason - Directional Drilling: Jonah LA-14-9-16

From: "Roxann Eveland"
To: "Diana Mason"
Date: 12/22/2008 2:31 PM
Subject: Directional Drilling: Jonah LA-14-9-16
CC: "Mandie Crozier"
Attachments: "Mandie Crozier"

Diana –

I have attached a letter I will be sending by regular mail today regarding the directional drilling of the Jonah LA-14-9-16. Our scanner is not working today, so I can't send you a signed copy and copies of the APD and plat.

Please let me know if you have any questions.

Roxann Eveland
Land Associate
Newfield Rocky Mountains Inc.
1001 17th Street, Suite 2000
Denver, CO 80202

303-382-4444 direct
reveland@newfield.com

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/22/2008

API NO. ASSIGNED: 43-013-34164

WELL NAME: JONAH FED

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SENE 14 090S 160E
 SURFACE: 1906 FNL 0732 FEL
 BOTTOM: 2352 FSL 1311 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.03284 LONGITUDE: -110.0791
 UTM SURF EASTINGS: 578576 NORTHINGS: 4431598
 FIELD NAME: MONUMENT BUTTE (105)

RIG SKID

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. 43-10136)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

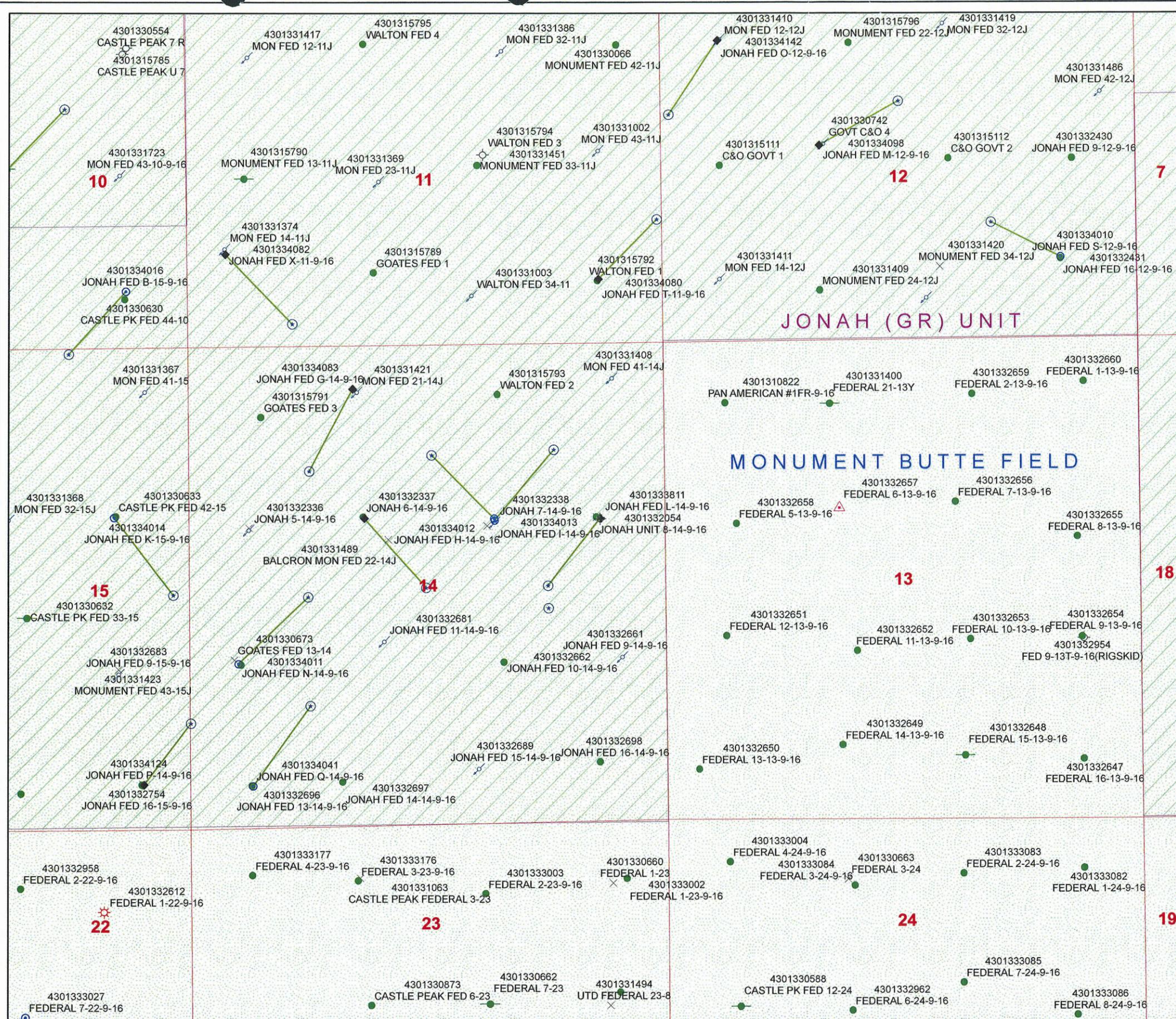
- ___ R649-2-3.
- Unit: JONAH (GRRV)
- ___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- Drilling Unit
Board Cause No: 228-2
Eff Date: 7-16-1993
Siting: Does Not Suspend Gen. Siting
- ___ R649-3-11. Directional Drill

COMMENTS: _____

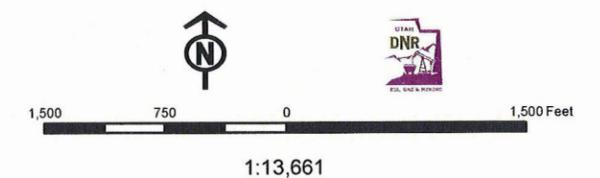
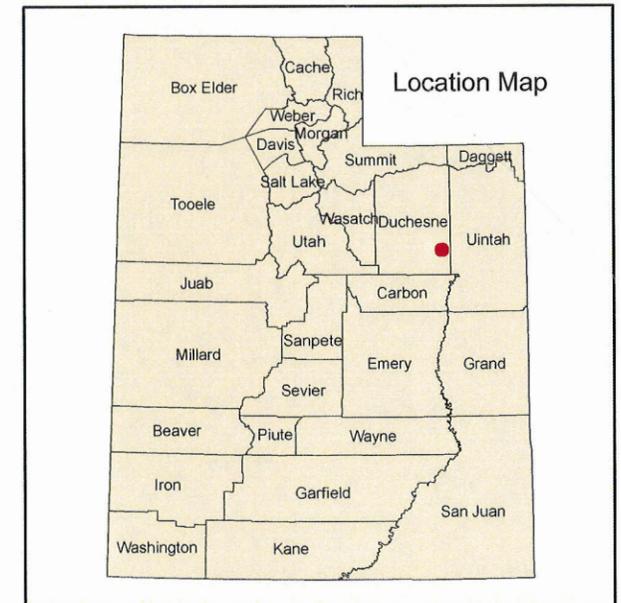
STIPULATIONS: 1- Fedul Approval

API Number: 4301334164
Well Name: JONAH FED LA-14-9-16(RIGSKID)
Township 09.0 S Range 16.0 E Section 14
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason



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





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 24, 2008

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

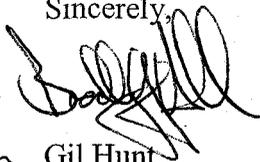
Re: Jonah Federal LA-14-9-16 Well, Surface Location 1906' FNL, 732' FEL, SE NE, Sec. 14, T. 9 South, R. 16 East, Bottom Location 2352' FSL, 1311' FEL, NE SE, Sec. 14, T. 9 South, R. 16 East, Duchesne County, Utah

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 43-013-34164.

Sincerely,


for Gil Hunt
Associate Director

pad
Enclosures

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



Operator: Newfield Production Company
Well Name & Number Jonah Federal LA-14-9-16
API Number: 43-013-34164
Lease: UTU-096550

Surface Location: SE NE Sec. 14 T. 9 South R. 16 East
Bottom Location: NE SE Sec. 14 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.



December 22, 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 LA-14-9-16
Jonah Unit
UTU-72086A
Surface Hole: T9S R16E, Section 14: SENE
1906' FNL 732' FEL
Bottom Hole: T9S R16E, Section 14
2352' FSL 1311' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated December 19, 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 29 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

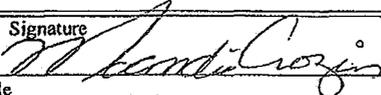
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-096550
6a. 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
7. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Jonah Unit
8a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Jonah Federal LA-14-9-16 (Rig Skid)
8b. Phone No. (include area code) (435) 646-3721		9. API Well No.
9. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE/NE 1906' FNL 732' FEL At proposed prod. zone 2352' FSL 1311' FEL		10. Field and Pool, or Exploratory Monument Butte
10. Distance in miles and direction from nearest town or post office* Approximatley 16.0 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 14, T9S R16E
11. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 9' f/lee, 1311' f/unit		12. County or Parish Duchesne
12. No. of Acres in lease 840.00		13. State UT
13. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1365'		14. Spacing Unit dedicated to this well 20 Acres
14. Elevations (Show whether DF, KDB, RT, GL, etc.) 5606' GL		15. BLM/BIA Bond No. on file WYB000493
15. Approximate date work will start* 1st Quarter 2009		16. 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 	Name (Printed/Typed) Mandie Crozier	Date 12/19/08
Title Regulatory Specialist		

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)

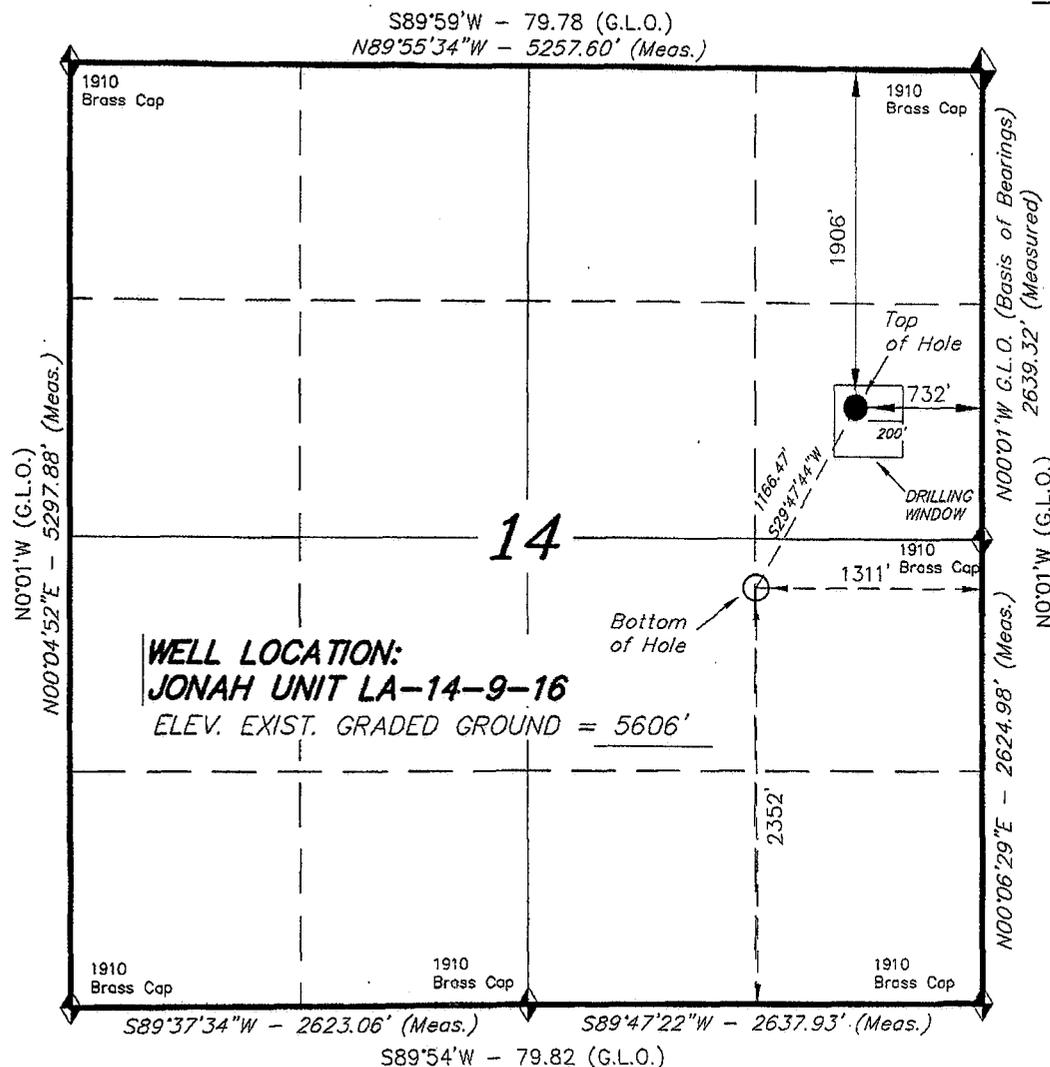
RECEIVED

DEC 29 2008

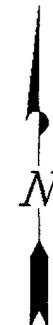
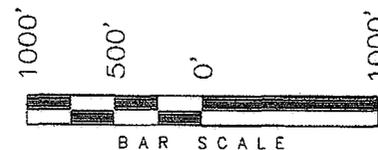
DIV. OF OIL, GAS & MINING

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

NEWFIELD PRODUCTION COMPANY



WELL LOCATION, JONAH UNIT
 LA-14-9-16, LOCATED AS SHOWN IN THE
 SE 1/4 NE 1/4 OF SECTION 14, T9S,
 R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

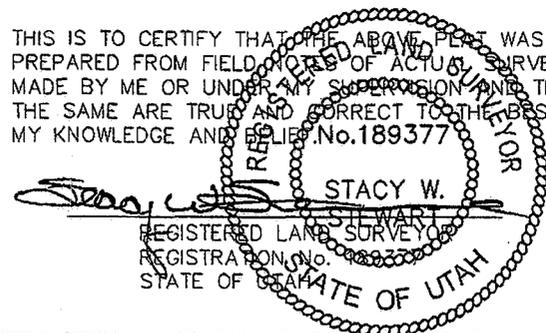


RECEIVED

DEC 29 2008

DIV. OF OIL, GAS & MINING

THIS IS TO CERTIFY THAT THE ABOVE PLAN 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



◆ = SECTION CORNERS LOCATED

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

JONAH UNIT LA-14-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 58.32"
 LONGITUDE = 110° 04' 47.36"

TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 08-14-07	SURVEYED BY: T.H.
DATE DRAWN: 09-12-07	DRAWN BY: F.T.M.
REVISED: 12-19-08 F.T.M.	SCALE: 1" = 1000'

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

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

OPERATOR ACCT. NO. N2695

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	17253	4301333350	FEDERAL 1-27-9-16	NENE	27	9S	16E	DUCHESNE	12/22/2008	12/30/08
WELL 1 COMMENTS: <i>GRUV</i>											
B	99999	11492	43013: ³⁴¹⁶⁴	JONAH FEDERAL LA-14-9-16	SENE	14	9S	16E	DUCHESNE	12/19/2008	1/15/09
WELL 2 COMMENTS: <i>GRUV Rigskid</i>											
A	99999	17254	4301333352	FEDERAL 3-27-9-16	NENW	27	9S	16E	DUCHESNE	12/19/2008	12/30/08
WELL 3 COMMENTS: <i>GRUV</i>											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

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

NOTE: Use COMMENT 5 section to explain why each Action Code was selected.

RECEIVED
DEC 23 2008

DIV. OF OIL, GAS & MINING

Jentri Park
Signature
Production Clerk

Jentri Park

12/23/08
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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 LA-14-9-16 (Rig Skid)

9. API Well No.
43 013 3A164

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 14 T9S R16E

12. County or Parish
Duchesne

13. State
UT

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

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface SE/NE 1906' FNL 738' FEL
At proposed prod. zone 2352' FSL 1311' FEL

14. Distance in miles and direction from nearest town or post office*
Approximatley 16.0 miles southwest of Myton, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
Approx. 9' f/lse, 1311' f/unit

16. No. of acres in lease
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. 1365'

19. Proposed Depth
5880'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5606' GL

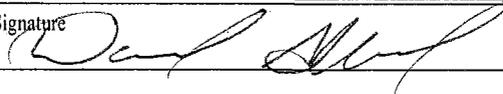
22. Approximate date work will start*
12/19/2008

23. Estimated duration
Approx. 7 days from spud to release

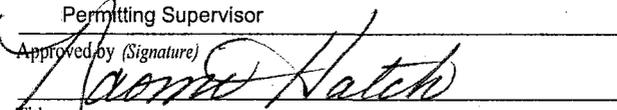
24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must 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 must 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 BLM.

25. Signature  Name (Printed/Typed) David Allred Date 12/19/2008

Title Permitting Supervisor

Approved by (Signature)  Name (Printed/Typed) Naomi Hatch Date 12/19/08

Title Branch Chief Lands & Surface Compliance Office Vernal Field Office

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, 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.

(Continued on page 2)

*(Instructions on page 2)

NOTICE OF APPROVAL

RECEIVED

JAN 14 2009

DIV. OF OIL, GAS & MINING

UDOGM

CONDITIONS OF APPROVAL ATTACHED

096XJ1734A

POS:



**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 CO
Well No: JONAH FEDERAL LA-14-9-16
API No: 43-047-
013 - 34164

Location: SENE SEC. 14, 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:	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
NRS/Enviro Scientist:	David Gordon	(435) 781-4424	
NRS/Enviro Scientist:	Christine Cimiluca	(435) 781-4475	

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.

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

SITE SPECIFIC DOWNHOLE

None

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

5. Lease Serial No.
UTU-096550

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
JONAH UNIT

8. Well Name and No.
JONAH LA-14-9-16 (RIG SKID)

9. API Well No.
4301334164

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

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 area code)
435.646.3721

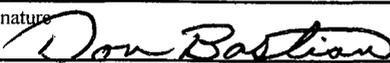
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
FSL 2352 732 FEL
FNL 1906 732 FEL
SENE Section 14 T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

On 12/19/08 MIRU Ross # 21. Spud well @ 8:30pm. Drill 325' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 326.79' On 12/20/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 5 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)
Don Bastian
Signature 

Title
Drilling Foreman

Date
01/03/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

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

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

(Instructions on page 2)

RECEIVED
JAN 12 2009
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

5. Lease Serial No.
UTU-096550

6. If Indian, Allottee or Tribe Name.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

7. If Unit or CA/Agreement, Name and/or
JONAH UNIT

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
JONAH LA-14-9-16 (RIG SKID)

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

9. API Well No.
4301334164

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

3b. Phone (include are code)
435.646.3721

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
FSL 2352 732 FEL

11. County or Parish, State
DUCHESNE, UT

SENE Section 14 T9S R16E

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input 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 recompleat 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 recompleat 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.)

On 12/23/08 MIRU Patterson Rig # 52. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 284'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6045'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 152 jt's of 5.5 J-55, 15.5# csgn. Set @ 6045.44' / KB. Cement with 280 sks cement mixed @ 11.0 ppg & 3.43 yld. The 415 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 30 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 90,000 #'s tension. Release rig @ 7:30 am 1/2/09.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Don Bastian	Title Drilling Foreman
Signature <i>Don Bastian</i>	Date 01/03/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

(Instructions on page 2)

RECEIVED
JAN 12 2009

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-96550

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:
JONAH UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
JONAH LA-14-9-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301334164

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: FSL 2352 732 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENE, 14, T9S, R16E

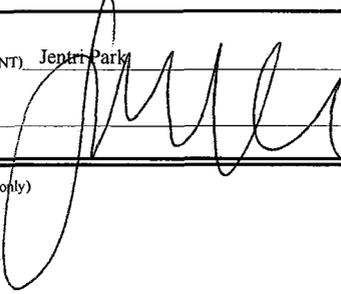
STATE: UT

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 (Submit in Duplicate) Approximate date work will <hr/>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN.	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 03/13/2009	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above subject well was completed on 01/27/09, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE  DATE 03/13/2009

(This space for State use only)

RECEIVED
MAR 23 2009
DIV. OF OIL, GAS & MINING

Daily Activity Report

Format For Sundry

JONAH LA-14-9-16**12/1/2008 To 2/28/2009****1/17/2009 Day: 1****Completion**

Rigless on 1/16/2009 - Install 5m frac head. NU 6" 5K Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head, csg & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5942' & cement top @ 104'. Perforate stage #1, A3 sds @ 5130-42' w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 4 spf for total of 48 shots. 143 BWTR. SWIFN.

1/21/2009 Day: 2**Completion**

Rigless on 1/20/2009 - Stage #1 A3 sds. RU BJ Services. 188 psi on well. Frac A3 sds w/ 49,252#'s of 20/40 sand in 460 bbls of Lightning 17 fluid. Broke @ 2780 psi. Treated w/ ave pressure of 2065 psi w/ ave rate of 22.9 BPM. ISIP 2290 psi. Leave pressure on well. 603 BWTR. Stage #2 A.5 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 6' perf gun. Set plug @ 5050'. Perforate A.5 sds @ 5020-26' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 24 shots. RU BJ Services. 1609 psi on well. Frac A.5 sds w/ 24,711#'s of 20/40 sand in 367 bbls of Lightning 17 fluid. Broke @ 4040 psi. Treated w/ ave pressure of 2423 psi w/ ave rate of 22.9 BPM. ISIP 2411 psi. Leave pressure on well. 970 BWTR. Stage #3 C sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 10' perf gun. Set plug @ 4870'. Perforate C sds @ 4809-19' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 40 shots. SWIFN.

1/22/2009 Day: 3**Completion**

Rigless on 1/21/2009 - Stage #3 C sds. RU BJ Services. 300 psi on well. Frac C sds w/ 24,955#'s of 20/40 sand in 350 bbls of Lightning 17 fluid. Broke @ 3045 psi. Treated w/ ave pressure of 2300 psi w/ ave rate of 23.0 BPM. ISIP 3472 psi. Leave pressure on well. 1320 BWTR Stage #4 GB6 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 9' perf gun. Set plug @ 4250'. Perforate GB6 sds @ 4161-70' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 36 shots. RU BJ Services. 1560 psi on well. Frac GB6 sds w/ 55,178#'s of 20/40 sand in 477 bbls of Lightning 17 fluid. Broke @ 3936 psi. Treated w/ ave pressure of 1800 psi w/ ave rate of 23.2 BPM. ISIP 1734 psi. Leave pressure on well. 1797 BWTR Stage #5 GB4 sds. RU The Perforators, llc WLT, crane & Lubricator. RIH w/ Weatherford 5 1/2" 6K composite flow through frac plug & 11' perf gun. Set plug @ 4130'. Perforate GB4 sds @ 4094-4105' w/ 3-1/8" Slick Guns (.49"EH, 19 gram, 120°) w/ 4 spf for total of 44 shots. RU BJ Services. 1304 psi on well. Frac GB4 sds w/ 69,186#'s of 20/40 sand in 552 bbls of Lightning 17 fluid. Broke @ 2614 psi. Treated w/ ave pressure of 2200 psi w/ ave rate of 23.1 BPM. ISIP 1915 psi. Open well to pit for immediate flowback @ approx. 3 bpm. Well flowed for 5 hrs & died. Recovered 750 bbls. SWIFN.

1/23/2009 Day: 4**Completion**

Western #1 on 1/22/2009 - MIRU Western #1. Bleed off well. ND Cameron BOP & 5m frac head. NU 3m production head & Schaeffer BOP. RIH w/ 4 3/4" chomp bit, bit sub & new 2 7/8" tbg. from pipe racks (tallying & drifting). Tag fill @ 4035'. RU powerswivel & pump. C/O to CBP @ 4130'. DU CBP in 17 min. Cont. RIH w/ tbg. Tag fill @ 4170'. C/O to CBP @ 4250'. DU CBP in 22 min. Circulate well clean. SWIFN.

1/24/2009 Day: 5**Completion**

Western #1 on 1/23/2009 - Thaw well w/ hotoiler. Bleed off well. Cont. RIH w/ tbg. Tag fill @ 4753'. C/O to CBP @ 4870'. DU CBP in 18 min. Cont. RIH w/ tbg. Tag fill @ 5013'. C/O to CBP @ 5050'. DU CBP in 10 min. Cont. RIH w/ tbg. Tag fill @ 5864'. C/O to PBTD @ 6004'. Circulate well clean. Pull up to 5939'. RIH w/ swab. SFL @ surface. Made 15 runs. Recovered 120 bbls. Trace of oil. No show of sand. EFL @ 900'. RIH w/ tbg. Tag PBTD @ 6004' (no new fill). LD 25 jts. SWIFN.

1/27/2009 Day: 6**Completion**

Western #1 on 1/26/2009 - Bleed off well. Circulate well clean. POOH w/ 96 jts. Pump 60 bbls 250° water down tbg. Cont. POOH w/ tbg. LD BHA. RIH w/ 2 7/8" notched collar, 2 jts 2 7/8" tbg., PSN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 162 jts 2 7/8" tbg. ND BOP. Set TAC @ 5119' w/ 16,000# tension. NU wellhead. X-over for rods. Flush tbg. w/ 60 bbls water. SWIFN.

1/28/2009 Day: 7**Completion**

Western #1 on 1/27/2009 - Thaw well w/ hotoiler. RIH w/ Central Hydraulic 2 1/2" x 1 3/4" x 20' RHAC rod pump, shear coupler, 4- 1 1/2" weight bars, 201- 7/8" guided rods (8 per), 1- 8', 2' x 7/8" pony subs, 1 1/2" x 26' polished rod. Seat pump. RU pumping unit. Hang off rods. Fill tbg. w/ 5 bbls water. Stroke test to 800 psi. Good pump action. RD. Put well on production @ 1:00 p.m. 5 spm, 122" stroke length. Final Report.

2/6/2009 Day: 8**Completion**

Leed #731 on 2/5/2009 - MIRU Leed #731. RU HO trk & pump 50 BW dn annulus @ 250°F. RD pumping unit & unseat pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump & test tbg to 3000 psi W/ 2 BW. TOH W/ rod string--LD pump. SIFN W/ est 92 BWTR.

2/7/2009 Day: 9**Completion**

Leed #731 on 2/6/2009 - RU HO trk & flush tbg w/ 60 BW @ 250°F. RU Perforators WLT & lubricator. RIH W/ Multi-Shot Gyro survey tool & log f/ 2000' MD. Found: Station Displacement of 1.53' & Displacement Direction of 308.91° at 350', and SD of 227.28' & DD of 214.50° at 2000'. RD WLT. RIH W/ repaired Central pump and rod string (same as pulled). Fill & test tbg w/ 7 BW. RD MOSU. Est 159 add'l BWTR. Returned well to production @ 11:30 AM 2/6/2009 W/ 122' SL @ 5 SPM. Also ran Gyro survey in Jonah Federal 8-14-9-16 f/ 950° MD. Found: Station Displacement of 6.33' & 167.21° at 350', and SD of 22.41' & DD of 171.26° at 950'.

Pertinent Files: Go to File List

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

1a. Type of Well: Oil Well Gas Well Dry Other
 b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,
 Other: _____

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
FEDERAL

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

8. Lease Name and Well No.
FEDERAL LA-14-9-16

3. Address: 1401 17TH ST. SUITE 1000 DENVER, CO 80202
 3a. Phone No. (include area code): (435)646-3721

9. AFI Well No.
43-013-34164

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 1916' FNL & 738' FEL (SE/NE) SEC. 14, T9S, R16E
 06 2

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area
SEC. 14, T9S, R16E

At top prod. interval reported below BHL: 2877' FNL & 1296' FEL (NE/SE)

12. County or Parish: DUCHESNE
 13. State: UT

At total depth 6045' 2394 fsl 1290 fel per HSM review

14. Date Spudded: 12/19/2008
 15. Date T.D. Reached: 12/31/2008
 16. Date Completed: 01/27/2009
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5606' GL 5618' KB

18. Total Depth: MD 6045' TVD 5920'
 19. Plug Back T.D.: MD 6004' TVD 5875'

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)

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#		327'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6045'		280 PRIMLITE		104'	
						415 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@ 5218'	TA @ 5119'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(A3) 5130-5142'	.49"	4	48
B) GREEN RIVER			(A.5) 5020-5026'	.49"	4	24
C) GREEN RIVER			(C) 4809-4819'	.49"	4	40
D) GREEN RIVER			(GB6) 4161-4170'	.49"	4	36

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

Depth Interval	Amount and Type of Material
5130-5142'	Frac w/ 49252# of 20/40 snd 460 bbls fluid
5020-5026'	Frac w/ 24711# 20/40 snd 367 bbls fluid
4809-4819'	Frac w/ 24955# 20/40 snd 350 bbls fluid
4161-4170'	Frac w/ 55178# 20/40 snd 477 bbls 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
01/27/09	02/17/09	24	→	36	8	0			2-1/2" x 1-3/4" x 20' 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
MAR 02 2009

*(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.)

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	3609' 3819'
				GARDEN GULCH 2 POINT 3	3932' 4197'
				X MRKR Y MRKR	4462' 4440'
				DOUGALS CREEK MRK BI CARBONATE MRK	4621' 4859'
				B LIMESTON MRK CASTLE PEAK	4962' 5473'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	5928' 6045'

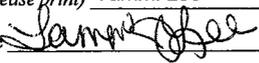
32. Additional remarks (include plugging procedure):

(GB4) 4094-4105' .49" 4/44 4094-4105' Frac w/ 69186#s of 20/40 sand in 552 bbls of 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:

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) Tammi Lee Title Production Clerk
 Signature  Date 02/25/2009

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



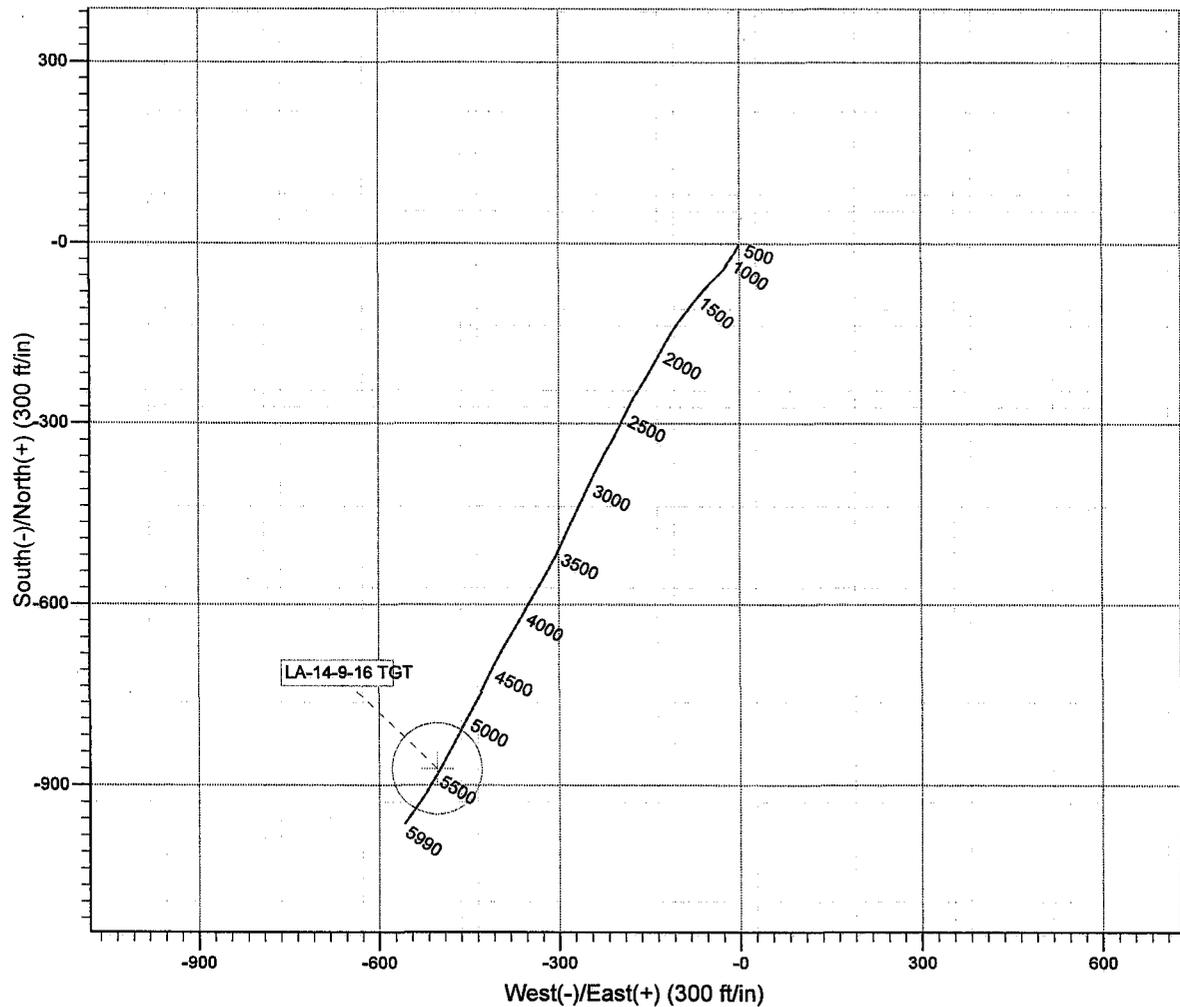
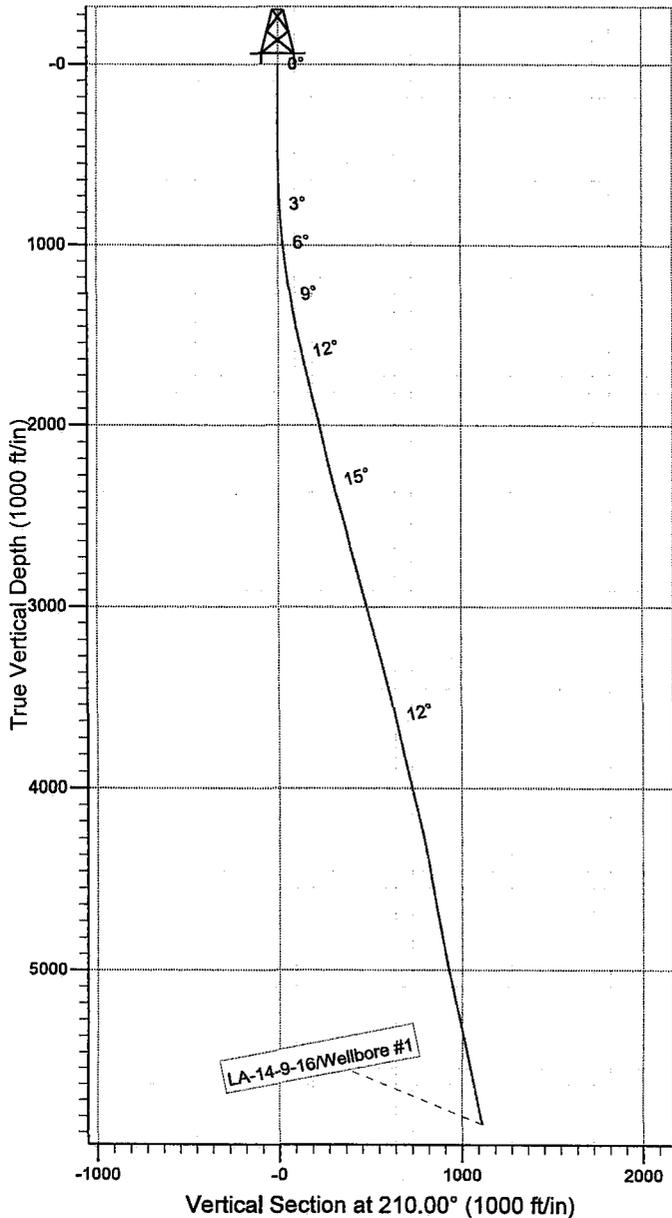
Project: USGS Myton SW (UT)
 Site: SECTION 14 T9S, R16E
 Well: LA-14-9-16
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.62°

Magnetic Field
 Strength: 52534.1snT
 Dip Angle: 65.85°
 Date: 2008/12/17
 Model: IGRF200510



HATHAWAY HBBURNHAM
 DIRECTIONAL & MWD SERVICES

Design: Wellbore #1 (LA-14-9-16/Wellbore #1)
 Created By: *Jim Hudson* Date: 8:49, January 02 2009
 THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 14 T9S, R16E
LA-14-9-16**

Wellbore #1

Design: Wellbore #1

Standard Survey Report

02 January, 2009

HATHAWAY ^{HB} _{HB} BURNHAM
DIRECTIONAL & MWD SERVICES



Hathaway Burnham

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 14 T9S, R16E
Well: LA-14-9-16
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well LA-14-9-16
TVD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
MD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
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 14 T9S, R16E, SEC 14 T9S, R16E		
Site Position:		Northing:	7,183,007.00ft
From:	Lat/Long	Easting:	2,036,124.00ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 1' 50.269 N
		Longitude:	110° 5' 12.324 W
		Grid Convergence:	0.91 °

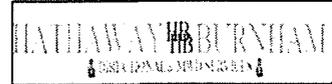
Well	LA-14-9-16, SHL LAT:40 01 58.32, LONG: -110 04 47.36		
Well Position	+N/-S	0.0 ft	Northing: 7,183,852.28 ft
	+E/-W	0.0 ft	Easting: 2,038,052.54 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	40° 1' 58.320 N
		Longitude:	110° 4' 47.360 W
		Ground Level:	0.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2008/12/17	11.62	65.85	52,534

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	210.00	

Survey Program	Date	2009/01/02			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
477.0	5,990.0	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
477.0	0.29	190.61	477.0	-1.2	-0.2	1.1	0.06	0.06	0.00
508.0	0.68	198.87	508.0	-1.4	-0.3	1.4	1.27	1.26	26.65
538.0	0.77	211.86	538.0	-1.8	-0.5	1.8	0.62	0.30	43.30
569.0	0.97	199.93	569.0	-2.2	-0.7	2.2	0.87	0.65	-38.48
600.0	1.32	199.29	600.0	-2.8	-0.9	2.8	1.13	1.13	-2.06
631.0	1.42	213.57	631.0	-3.4	-1.2	3.6	1.14	0.32	46.06
661.0	1.80	201.75	661.0	-4.2	-1.6	4.4	1.68	1.27	-39.40
692.0	2.07	203.81	691.9	-5.2	-2.0	5.5	0.90	0.87	6.65
722.0	2.42	208.28	721.9	-6.2	-2.5	6.6	1.30	1.17	14.90
753.0	3.00	208.74	752.9	-7.5	-3.2	8.1	1.87	1.87	1.48
784.0	3.45	207.53	783.8	-9.0	-4.0	9.8	1.47	1.45	-3.90
814.0	3.47	205.33	813.8	-10.7	-4.8	11.6	0.45	0.07	-7.33

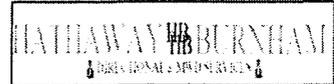


Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 14 T9S, R16E
 Well: LA-14-9-16
 Wellbore: Wellbore #1
 Design: Wellbore #1

Local Co-ordinate Reference: Well LA-14-9-16
 TVD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
 MD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
 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)
846.0	3.89	209.07	845.7	-12.5	-5.8	13.7	1.51	1.31	11.69
877.0	4.42	208.91	876.6	-14.4	-6.9	15.9	1.71	1.71	-0.52
909.0	4.82	213.90	908.5	-16.6	-8.2	18.5	1.77	1.25	15.59
941.0	5.34	213.68	940.4	-19.0	-9.8	21.3	1.63	1.63	-0.69
973.0	5.95	212.21	972.3	-21.6	-11.5	24.5	1.96	1.91	-4.59
1,004.0	6.45	214.39	1,003.1	-24.4	-13.3	27.8	1.78	1.61	7.03
1,036.0	7.03	213.38	1,034.8	-27.6	-15.4	31.6	1.85	1.81	-3.16
1,068.0	7.59	214.74	1,066.6	-30.9	-17.7	35.6	1.83	1.75	4.25
1,099.0	8.02	212.00	1,097.3	-34.4	-20.0	39.8	1.83	1.39	-8.84
1,131.0	8.00	215.55	1,129.0	-38.1	-22.5	44.3	1.55	-0.06	11.09
1,165.0	7.89	217.11	1,162.7	-41.9	-25.3	49.0	0.71	-0.32	4.59
1,197.0	7.76	221.17	1,194.4	-45.3	-28.0	53.3	1.77	-0.41	12.69
1,229.0	8.40	221.97	1,226.0	-48.7	-31.0	57.7	2.03	2.00	2.50
1,293.0	9.38	225.70	1,289.3	-55.8	-37.9	67.3	1.78	1.53	5.83
1,325.0	10.00	224.81	1,320.8	-59.6	-41.7	72.4	1.99	1.94	-2.78
1,356.0	10.59	224.40	1,351.3	-63.5	-45.6	77.8	1.92	1.90	-1.32
1,389.0	11.24	223.56	1,383.7	-68.0	-49.9	83.9	2.03	1.97	-2.55
1,483.0	11.76	219.96	1,475.8	-82.0	-62.4	102.2	0.94	0.55	-3.83
1,578.0	11.73	218.38	1,568.9	-97.0	-74.6	121.3	0.34	-0.03	-1.66
1,673.0	13.32	218.38	1,661.6	-113.1	-87.4	141.7	1.67	1.67	0.00
1,768.0	13.73	215.94	1,754.0	-130.9	-100.8	163.7	0.74	0.43	-2.57
1,863.0	13.84	210.36	1,846.2	-149.8	-113.2	186.3	1.40	0.12	-5.87
1,959.0	14.28	209.15	1,939.3	-170.0	-124.7	209.6	0.55	0.46	-1.26
2,054.0	12.89	207.13	2,031.7	-189.7	-135.3	231.9	1.55	-1.46	-2.13
2,149.0	12.22	208.87	2,124.4	-207.9	-145.0	252.6	0.81	-0.71	1.83
2,244.0	13.54	212.82	2,217.0	-226.1	-155.8	273.7	1.67	1.39	4.16
2,339.0	15.21	211.74	2,309.0	-246.0	-168.4	297.3	1.78	1.76	-1.14
2,434.0	15.94	208.52	2,400.6	-268.1	-181.2	322.8	1.19	0.77	-3.39
2,529.0	15.71	205.22	2,492.0	-291.2	-192.9	348.6	0.98	-0.24	-3.47
2,624.0	13.87	206.45	2,583.8	-313.0	-203.5	372.8	1.96	-1.94	1.29
2,720.0	13.16	210.96	2,677.2	-332.7	-214.2	395.2	1.32	-0.74	4.70
2,815.0	15.97	208.03	2,769.1	-353.5	-225.9	419.1	3.06	2.96	-3.08
2,910.0	16.04	206.93	2,860.4	-376.7	-238.0	445.3	0.33	0.07	-1.16
3,006.0	15.31	205.46	2,952.8	-400.0	-249.5	471.2	0.87	-0.76	-1.53
3,101.0	15.12	205.62	3,044.5	-422.5	-260.2	496.0	0.20	-0.20	0.17
3,195.0	15.01	205.48	3,135.3	-444.6	-270.8	520.4	0.12	-0.12	-0.15
3,291.0	14.59	204.83	3,228.1	-466.7	-281.2	544.8	0.47	-0.44	-0.68
3,386.0	13.84	204.32	3,320.2	-488.0	-290.9	568.0	0.80	-0.79	-0.54
3,481.0	14.33	204.17	3,412.3	-509.0	-300.4	591.0	0.52	0.52	-0.16
3,576.0	13.45	207.15	3,504.5	-529.6	-310.2	613.8	1.19	-0.93	3.14
3,671.0	11.95	209.09	3,597.2	-548.0	-320.1	634.6	1.64	-1.58	2.04
3,767.0	12.59	211.75	3,691.0	-565.6	-330.4	655.0	0.89	0.67	2.77
3,862.0	13.29	210.63	3,783.6	-583.8	-341.4	676.3	0.78	0.74	-1.18
3,957.0	14.08	209.00	3,875.9	-603.3	-352.6	698.8	0.93	0.83	-1.72
4,052.0	13.20	208.88	3,968.2	-622.9	-363.4	721.2	0.93	-0.93	-0.13
4,148.0	14.06	211.79	4,061.5	-642.4	-374.9	743.8	1.15	0.90	3.03
4,243.0	12.93	209.58	4,153.9	-661.5	-386.2	765.9	1.31	-1.19	-2.33
4,338.0	12.41	209.66	4,246.6	-679.6	-396.5	786.8	0.55	-0.55	0.08
4,433.0	11.51	208.58	4,339.5	-696.8	-406.1	806.5	0.98	-0.95	-1.14
4,528.0	10.44	204.51	4,432.8	-712.9	-414.2	824.5	1.39	-1.13	-4.28
4,623.0	9.25	204.21	4,526.4	-727.7	-420.9	840.7	1.25	-1.25	-0.32
4,719.0	10.04	205.79	4,621.0	-742.3	-427.7	856.7	0.87	0.82	1.65
4,813.0	11.54	208.50	4,713.4	-758.0	-435.7	874.3	1.68	1.60	2.88
4,908.0	11.03	207.99	4,806.5	-774.3	-444.5	892.9	0.55	-0.54	-0.54



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 14 T9S, R16E
 Well: LA-14-9-16
 Wellbore: Wellbore #1
 Design: Wellbore #1

Local Co-ordinate Reference: Well LA-14-9-16
 TVD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
 MD Reference: LA-14-9-16 @ 5618.0ft (PATTERSON 52)
 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)	
5,005.0	10.44	207.90	4,901.8	-790.3	-453.0	910.9	0.61	-0.61	-0.09	
5,101.0	10.79	208.50	4,996.2	-805.9	-461.4	928.6	0.38	0.36	0.63	
5,196.0	11.91	208.63	5,089.3	-822.3	-470.3	947.3	1.18	1.18	0.14	
5,292.0	13.20	206.11	5,183.0	-840.8	-479.9	968.1	1.46	1.34	-2.63	
5,317.6	13.19	207.24	5,208.0	-846.1	-482.5	973.9	1.01	-0.05	4.40	
LA-14-9-16 TGT										
5,387.0	13.18	210.30	5,275.5	-859.9	-490.1	989.8	1.01	-0.01	4.41	
5,482.0	12.41	210.30	5,368.2	-878.1	-500.7	1,010.8	0.81	-0.81	0.00	
5,577.0	11.45	211.57	5,461.1	-894.9	-510.8	1,030.4	1.05	-1.01	1.34	
5,672.0	11.69	213.35	5,554.2	-911.0	-521.0	1,049.5	0.45	0.25	1.87	
5,765.0	11.21	214.48	5,645.3	-926.3	-531.3	1,067.9	0.57	-0.52	1.22	
5,860.0	11.73	214.93	5,738.4	-941.9	-542.1	1,086.7	0.56	0.55	0.47	
5,954.0	12.57	214.38	5,830.3	-958.1	-553.3	1,106.4	0.90	0.89	-0.59	
5,990.0	11.38	213.77	5,865.6	-964.3	-557.5	1,113.9	3.32	-3.31	-1.69	

Checked By: _____ Approved By: _____ Date: _____

H HEADER INFORMATION-----
H COMPANY : NEWFIELD EXPLORATION
H FIELD : USGS Myton SW (UT)
H SITE : SECTION 14 T9S, R16E
H WELL : LA-14-9-16
H WELLPATH: Wellbore #1
H DEPTHUNT: ft
H SURVDATE: 1/2/2009
H DECLINATION CORR.
H = 10.71 TO GRIDH-----

H WELL INFORMATION
H WELL EW MAP : 2038053
H WELL NS MAP : 7183852
H DATUM ELEVN : 5618
H VSECT ANGLE : 210
H VSECT NORTH : 0
H VSECT EAST : 0

H-----
H SURVEY TYPE INFORMATION
H 477 - 5990 SURVEY #1 : MWD
H-----

H	SURVEY	LIST						
MD	INC	AZI	TVD ²	NS	EW	VS	DLS	
	0	0	0	0	0	0	0	0
	477	0.29	190.61	477	-1.19	-0.22	1.14	0.06
	508	0.68	198.87	508	-1.44	-0.3	1.39	1.27
	538	0.77	211.86	537.99	-1.78	-0.46	1.77	0.62
	569	0.97	199.93	568.99	-2.2	-0.66	2.24	0.87
	600	1.32	199.29	599.98	-2.78	-0.87	2.85	1.13
	631	1.42	213.57	630.98	-3.44	-1.2	3.58	1.14
	661	1.8	201.75	660.96	-4.19	-1.58	4.42	1.68
	692	2.07	203.81	691.95	-5.15	-1.98	5.46	0.9
	722	2.42	208.28	721.92	-6.21	-2.5	6.63	1.3
	753	3	208.74	752.89	-7.49	-3.2	8.09	1.87
	784	3.45	207.53	783.84	-9.03	-4.02	9.83	1.47
	814	3.47	205.33	813.78	-10.65	-4.83	11.64	0.45
	846	3.89	209.07	845.72	-12.48	-5.77	13.69	1.51
	877	4.42	208.91	876.64	-14.44	-6.86	15.94	1.71
	909	4.82	213.9	908.53	-16.64	-8.21	18.51	1.77
	941	5.34	213.68	940.41	-18.99	-9.78	21.34	1.63
	973	5.95	212.21	972.25	-21.64	-11.49	24.48	1.96
	1004	6.45	214.39	1003.07	-24.43	-13.33	27.82	1.78
	1036	7.03	213.38	1034.85	-27.55	-15.42	31.57	1.85
	1068	7.59	214.74	1066.59	-30.92	-17.71	35.63	1.83
	1099	8.02	212	1097.3	-34.44	-20.02	39.83	1.83
	1131	8	215.55	1128.99	-38.14	-22.5	44.28	1.55
	1165	7.89	217.11	1162.66	-41.93	-25.28	48.95	0.71

1197	7.76	221.17	1194.37	-45.31	-28.03	53.25	1.77
1229	8.4	221.97	1226.05	-48.67	-31.01	57.66	2.03
1293	9.38	225.7	1289.28	-55.79	-37.87	67.25	1.78
1325	10	224.81	1320.82	-59.58	-41.7	72.45	1.99
1356	10.59	224.4	1351.32	-63.53	-45.59	77.81	1.92
1389	11.24	223.56	1383.73	-68.02	-49.92	83.87	2.03
1483	11.76	219.96	1475.84	-82.01	-62.39	102.21	0.94
1578	11.73	218.38	1568.85	-97	-74.6	121.3	0.34
1673	13.32	218.38	1661.59	-113.15	-87.39	141.68	1.67
1768	13.73	215.94	1753.95	-130.85	-100.81	163.72	0.74
1863	13.84	210.36	1846.22	-149.79	-113.17	186.3	1.4
1959	14.28	209.15	1939.35	-170.03	-124.74	209.62	0.55
2054	12.89	207.13	2031.69	-189.7	-135.28	231.92	1.55
2149	12.22	208.87	2124.41	-207.93	-144.96	252.55	0.81
2244	13.54	212.82	2217.02	-226.08	-155.85	273.72	1.67
2339	15.21	211.74	2309.05	-246.03	-168.43	297.28	1.78
2434	15.94	208.52	2400.56	-268.09	-181.21	322.78	1.19
2529	15.71	205.22	2491.96	-291.19	-192.92	348.64	0.98
2624	13.87	206.45	2583.81	-313.02	-203.48	372.82	1.96
2720	13.16	210.96	2677.15	-332.69	-214.22	395.23	1.32
2815	15.97	208.03	2769.09	-353.51	-225.93	419.11	3.06
2910	16.04	206.93	2860.41	-376.75	-238.02	445.28	0.33
3006	15.31	205.46	2952.84	-400.01	-249.47	471.16	0.87
3101	15.12	205.62	3044.51	-422.51	-260.22	496.01	0.2
3195	15.01	205.48	3135.28	-444.55	-270.76	520.37	0.12
3291	14.59	204.83	3228.09	-466.75	-281.18	544.81	0.47
3386	13.84	204.32	3320.18	-487.96	-290.89	568.03	0.8
3481	14.33	204.17	3412.33	-509.04	-300.38	591.03	0.52
3576	13.45	207.15	3504.55	-529.6	-310.24	613.77	1.19
3671	11.95	209.09	3597.22	-548.03	-320.06	634.64	1.64
3767	12.59	211.75	3691.03	-565.61	-330.4	655.03	0.89
3862	13.29	210.63	3783.62	-583.81	-341.41	676.3	0.78
3957	14.08	209	3875.92	-603.31	-352.58	698.77	0.93
4052	13.2	208.88	3968.24	-622.92	-363.42	721.17	0.93
4148	14.06	211.79	4061.54	-642.43	-374.85	743.79	1.15
4243	12.93	209.58	4153.91	-661.48	-386.18	765.95	1.31
4338	12.41	209.66	4246.6	-679.59	-396.48	786.79	0.55
4433	11.51	208.58	4339.54	-696.79	-406.07	806.47	0.98
4528	10.44	204.51	4432.8	-712.94	-414.17	824.51	1.39
4623	9.25	204.21	4526.4	-727.74	-420.87	840.68	1.25
4719	10.04	205.79	4621.04	-742.31	-427.68	856.7	0.87
4813	11.54	208.5	4713.38	-757.95	-435.73	874.27	1.68
4908	11.03	207.99	4806.54	-774.33	-444.53	892.85	0.55
5005	10.44	207.9	4901.84	-790.29	-453	910.91	0.61
5101	10.79	208.5	4996.2	-805.87	-461.35	928.58	0.38
5196	11.91	208.63	5089.34	-822.29	-470.29	947.27	1.18
5292	13.2	206.11	5183.04	-840.83	-479.86	968.11	1.46

5387	13.18	210.3	5275.54	-859.92	-490.1	989.77	1.01
5482	12.41	210.3	5368.18	-878.09	-500.72	1010.81	0.81
5577	11.45	211.57	5461.13	-894.94	-510.8	1030.44	1.05
5672	11.69	213.35	5554.2	-911.01	-521.03	1049.47	0.45
5765	11.21	214.48	5645.34	-926.33	-531.33	1067.89	0.57
5860	11.73	214.93	5738.45	-941.86	-542.09	1086.72	0.56
5954	12.57	214.38	5830.34	-958.14	-553.33	1106.44	0.9
5990	11.38	213.77	5865.56	-964.32	-557.52	1113.89	3.32

From: Ben Krugman <bkrugman@newfield.com>
To: Mark Reinbold <markreinbold@utah.gov>
Date: 10/18/2012 11:21 AM
Subject: RE: Monitor well GMBU 8-14T-9-16 (43-013-50880)
Attachments: Explanation presentation.ppbx; Plan for Monitoring 8.doc

43 013 34164
Jonah Fed LA-14-9-16
9S 16E 14

Mark,

I am the engineer overseeing this project to completion and will gladly inform you of all the pieces. The 8-14-9-16 was the original well on this site. The plan was to drill a directional well offsetting it called the LA-14-9-16. While drilling, the LA-14-9-16, they intersected the 8-14-9-16 at 1,092'. In order to monitor this well, we drilled the 8-14T-9-16. The plan agreed upon before I came on board was to have casing and tubing pressure gauges on the intersected well as well as the monitor well and report any changes in pressure or fluid level immediately to the state. I've attached a presentation on what the issue was and more of the background (this was presented before work started). I've also attached the agreed upon plan for monitoring the above wells. Please let me know if you need any more detail and I will be happy to supply.

Ben Krugman
Engineer, Production
Office: 303-685-8035 Ext 4035
Mobile: 720-648-4810

[Description: Newfield Exploration]
"Newfield Exploration"
From: Mark Reinbold [mailto:markreinbold@utah.gov]
Sent: Thursday, October 18, 2012 11:09 AM
To: Ben Krugman
Subject: Monitor well GMBU 8-14T-9-16 (43-013-50880)

Ben,

I am told that you are the heir to this mess, inasmuch as Tom Walker is no longer with Newfield. Since the monitor well has been completed, I am now working on the backlog of UIC applications which have been on hold pending completion of the monitor well.

I am trying to understand the chronology of events and more. This involves the original vertical well, Jonah Unit 8-14-9-16 (43-013-32054), the abandoned directional well, Jonah Fed L-14-9-16 (43-013-33811), and producing directional well, Jonah Fed LA-14-9-16 (43-013-~~9-16~~). Could you please briefly outline what happened, when it happened, and why it happened? Also, how do you plan to monitor the monitor well? Thank you.

34164

Mark Reinbold
Utah DNR/DOGM
801-538-5333

LA-14-9-16/8-14-9-16

NEWFIELD



Overview



- Wellbore Diagrams
 - LA-14-9-16
 - 8-14-9-16
- Intersection Drawing with Info
- Open Hole log for LA-14-9-16
 - Tom Walker's Notes 8-14-9-16
 - Pictures of Equipment pulled from
- Area Map
- Plats for 8A-14 and 8-14T

Welbore Diagram 8-14-9-16



Jonah Unit #8-14

Spud Date 8/22/98
 Put on Production 6/22/98
 GL 500' KH 501'

Initial Production 119 BOPD
 133 MCFPD, 34 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-3/8"
 GRADE: J-35
 WEIGHT: 24#
 LENGTH: 7 ft (7'00")
 DEPTH LANDED: 251'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sgs Premium cement 1-1/2 bbls to surf

PRODUCTION CASING

CSG SIZE: 5 1/2"
 GRADE: J-35
 WEIGHT: 15.5#
 LENGTH: 133 ft (50'1")
 DEPTH LANDED: 365' AB
 HOLE SIZE: 4-7/8"
 CEMENT DATA: 320 sk# for Type III mixed & 410 sgs Class G
 CEMENT TOP AT: 2565' per CBI

TUBING

SIZE GRADE WT: 2-7/8" N-80 6.2#
 NO. OF JOINTS: 127 (51892')
 TUBING ANCHOR: 5020'
 NO. OF JOINTS: 1 (62.5')
 SEATING NIPPLE: 3-1/2" (110')
 SN LANDED AT: 5986'
 NO. OF JOINTS: 2 (62.5')
 TOTAL STRING LENGTH: EOT @ 5152'

SUCKER RODS

POLISHED ROD:
 SUCKER RODS: 55 5/8" galv rods, 97 1/2" galv rods, 3 1/2" galv rods, 3 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 16 REIAC
 STROKE LENGTH: 7"
 PUMP SPEED: 50 RPM
 LOGS: Dual Interval, GR SP, Spectral Density, Dual Spaced Neutron, CBI-GR

FRAC JOB

6/13/98 5046'-5072' Frac A sand as follows:
 114,000# 20-40 sand in 565 bbls Volume
 1-25 fluid Perf Breakdown @ 3825 psi
 Treated @ avg pres of 1875 psi w/ avg
 rate of 30 BPSI, ISIP: 2350 psi, 3-min
 3100 psi Flowback on 12-61" choke for 3
 hours and died

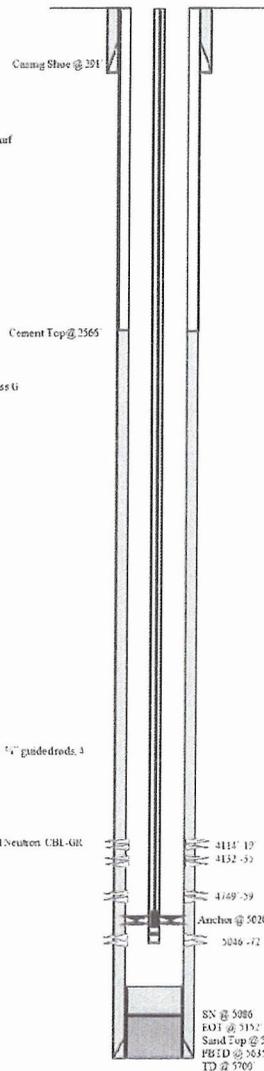
6/16/98 4749'-4799' Frac C sand as follows:
 115,500# of 20-40 sand in 546 bbls
 Volume 1-25 fluid Perf Breakdown @
 3012 psi treated @ avg pres of 2000
 psi w/ avg rate of 28 bpm, ISIP: 2230 psi,
 3-min 2000 psi Flowback on 12-61"
 choke for 3 1/2 hours and died

6/18/98 4114'-4135' Frac GB sand as follows:
 95,200# 20-40 sand in 473 bbls Volume 1-
 25 fluid Perf Breakdown @ 3387 psi
 Treated @ avg pres of 1850 psi w/ avg
 rate of 23 1/2 BPSI, ISIP: 1870 psi, 3-min
 1535 psi Flowback on 12-61" choke for
 2-1/2 hours and died

8/29/10
 NOTE: Workover: Updated rod and tubing detail
 The LA-14.5-16 runs diagonally across
 this well location which places the
 beginning joints at a 1892' depth and
 renders placement of the anchor at a
 deeper depth.

PERFORATION RECORD

DATE	DEPTH	ISIP	HOLES
6/13/98	5046'-5072'	3 ISPF	52 holes
6/15/98	4749'-4799'	4 ISPF	10 holes
6/17/98	4114'-4135'	4 ISPF	20 holes
6/17/98	4132'-4135'	4 ISPF	17 holes



Jonah Unit #8-14
 1882 ENL 774 FEL
 SENE Section 14-T9S-R16E
 Duchesne Co. Utah
 API #43-013-32054, Lease #U-096550

ML 7/2/10
 5/8/2012

Welbore Diagram LA-14-9-16



Jonah Fed LA-14-9-16

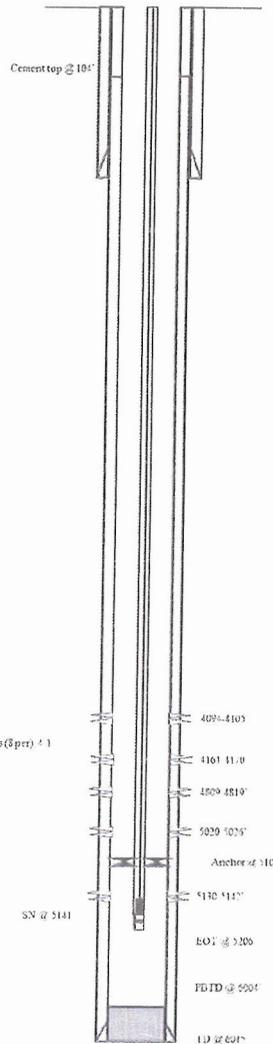
Spud Date 12/19/2008
 Fur on Production 1/27/2009
 GL 5698 KB 5618
SURFACE CASING
 CSG SIZE 8.5" S
 GRADE J-55
 WEIGHT 74#
 LENGTH 74# (315.70')
 DEPTH LANDED 526.48 KB
 HOLE SIZE 12.14"
 CEMENT DATA 169 ex class g. cat

PRODUCTION CASING
 CSG SIZE 5.12"
 GRADE J-55
 WEIGHT 19.5#
 LENGTH 155 #s (6228.57')
 DEPTH LANDED 6045.44
 HOLE SIZE 7.75"
 CEMENT DATA 209 ex grmlite md #13 ex 30 25 poz
 CEMENT TOP AT 104'

TUBING
 SIZE GRADE WT 2.00 8.55
 NO. OF JOINTS 162 #s (5107.3')
 TUBING ANCHOR 510.0 KB
 NO. OF JOINTS 1 # (41.63')
 SEATING NIPPLE 2.5" (1.10')
 SWELANDED A 1 5141.5 KB
 NO. OF JOINTS 2 #s (63.1')
 TOTAL STRING LENGTH EOI @ 2308

SUCKER RODS
 POLISHED ROD 1 1/2" x 26' polished rod
 SUCKER RODS 1 1/2" O.A. 7.5' pony sub, 101 7.5' guided rods (8 per) 4 1/2 weight bars, flex coupler
 PUMP SIZE 1 1/2" x 1 1/4" x 30" RHAC central hydraulic pump
 STROKE LENGTH 175"
 PUMP SPEED 8PM @

Wellbore Diagram



FRAC JOB

1/20/09 5130-5142' Frac A3 sds as follows:
 49.52# 20-20 sand in 400 bbls of Lightning 1' fluid. Broke @ 2700 psi
 Treated w. average pressure of 2063 psi w. average of 22.9 BPM. TSP 2220
 psi. Actual flush 4624 gals

1/20/09 5020-5026' Frac A5 sds as follows:
 24.71# 20-20 sand in 367 bbls of Lightning 1' fluid. Broke @ 4040 psi
 Treated w. average pressure of 2423 psi w. average of 22.9 BPM. TSP 2411
 psi. Actual flush 4513 gals

1/20/09 4809-4819' Frac C sds as follows:
 24.90# 20-20 sand in 330 bbls of Lightning 1' fluid. Broke @ 3643 psi
 Treated w. average pressure of 1909 psi w. average of 23.0 BPM. TSP 1877
 psi. Actual flush 4221 gals

1/20/09 4161-4170' Frac G05 sds as follows:
 22.13# 20-20 sand in 477 bbls of Lightning 1' fluid. Broke @ 3930 psi
 Treated w. average pressure of 1870 psi w. average of 22.2 BPM. TSP 1754
 psi. Actual flush 3738 gals

1/20/09 4094-4105' Frac G04 sds as follows:
 69.12# 20-20 sand in 522 bbls of Lightning 1' fluid. Broke @ 2614 psi
 Treated w. average pressure of 2200 psi w. average of 23.1 BPM. TSP 1913
 psi. Actual flush 4007 gals

03/25/2010 Pump Maintenance. Update rod and tubing details.

PERFORATION RECORD

Date	Interval	SPF	inches
1/22/09	4094-4105'	4-25PF	34 inches
1/22/09	4161-4170'	4-25PF	36 inches
1/22/09	4809-4819'	4-25PF	40 inches
1/20/09	5010-5026'	4-25PF	24 inches
1/20/09	5130-5142'	4-25PF	33 inches

NEWFIELD

Jonah LA-14-9-16

1966' FNL & 731' FEL

SE NE Section 14 T9S R16E

Duchesne Co. Utah

A27 = 41-01-3-04104, Lease = UTC-070553

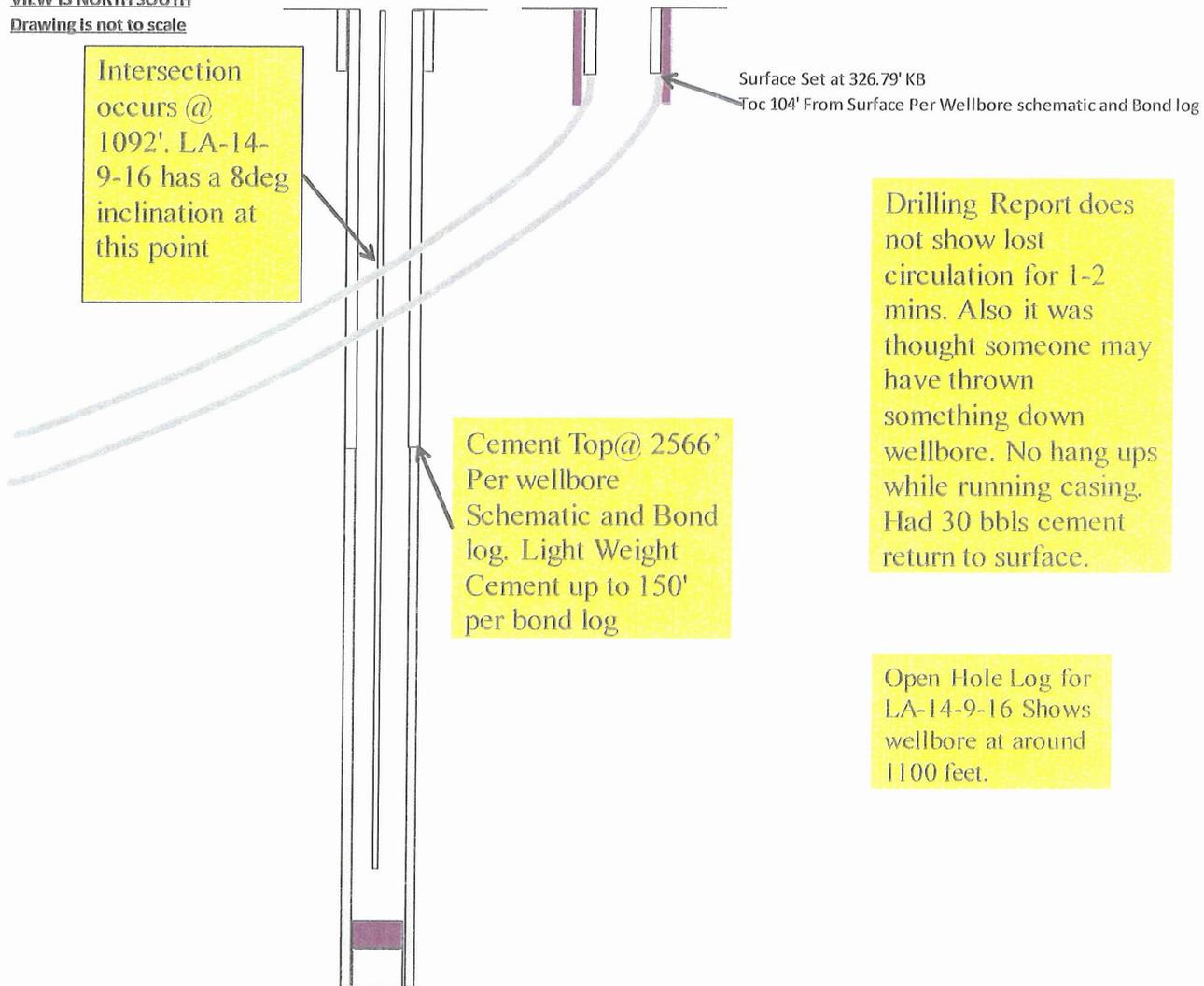
Intersection Drawing and Info



8-14-9-16
TOC:2566'
Top of lieghtweight Cement
~150'

LA-14-9-16
TOC:104'

VIEW IS NORTH SOUTH
Drawing is not to scale



Intersection occurs @ 1092'. LA-14-9-16 has a 8deg inclination at this point

Cement Top@ 2566'
Per wellbore Schematic and Bond log. Light Weight Cement up to 150' per bond log

Surface Set at 326.79' KB
Toc 104' From Surface Per Wellbore schematic and Bond log

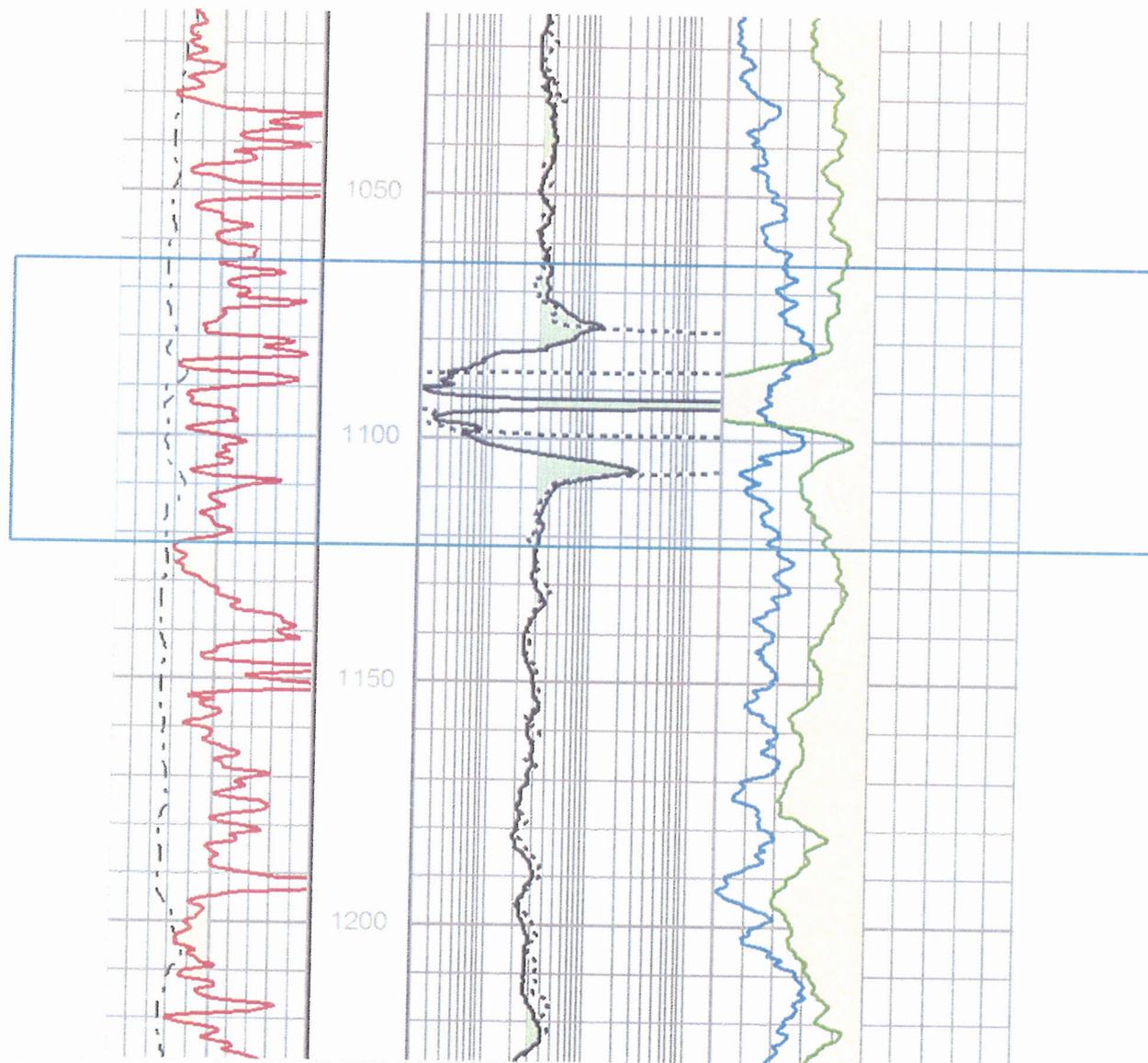
Drilling Report does not show lost circulation for 1-2 mins. Also it was thought someone may have thrown something down wellbore. No hang ups while running casing. Had 30 bbls cement return to surface.

Open Hole Log for LA-14-9-16 Shows wellbore at around 1100 feet.

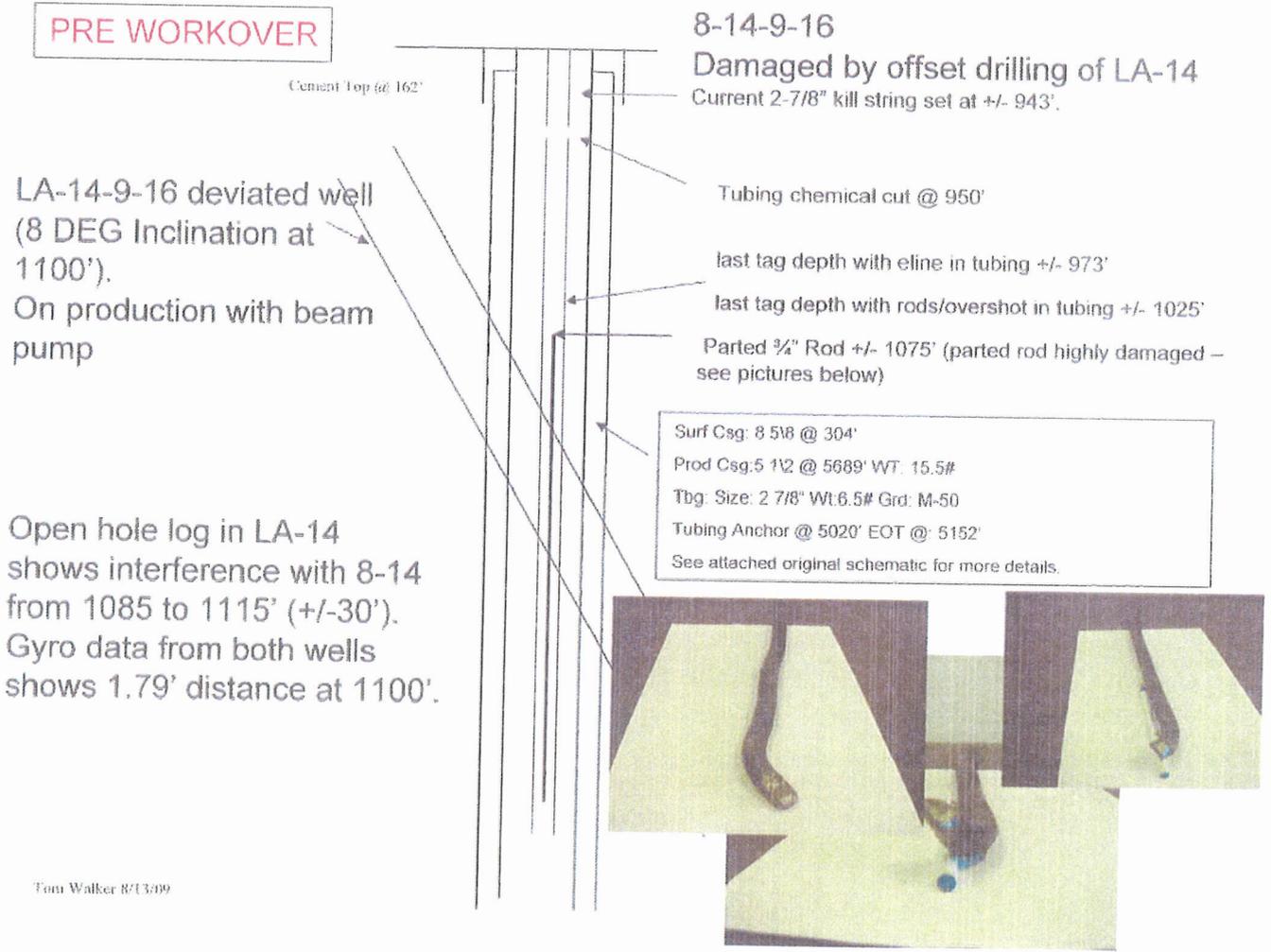
Open Hole Log For LA-14 Showing Intersection



3400



Pre Workover- Pulled Rods



Tom Walker 8/13/09

Post Workover- Fishing tubing

POST WORKOVER

LA-14-9-16 deviated well
(8 DEG Inclination at 1100').
On production with beam pump



Cement Top @ 162'

8-14-9-16

Damaged by offset drilling of LA-14

Workover was successful:

- 1) Drilled out cement inside of tubing
- 2) Ran camera inside of tubing
- 3) Washed over tubing to remove cement
- 4) Cut tubing and fished tubing stub out cement (see pictures)
- 1) Cleaned out cement down to 1092'
- 2) Ran bond log

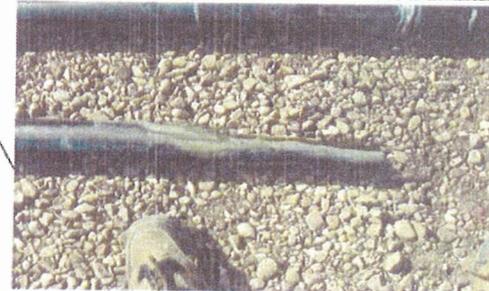
Surf Csg: 8 5/8 @ 304'

Prod Csg: 5 1/2 @ 5689' WT: 15.5#

Tbg: Size: 2 7/8" Wt: 6.5# Grd: M-50

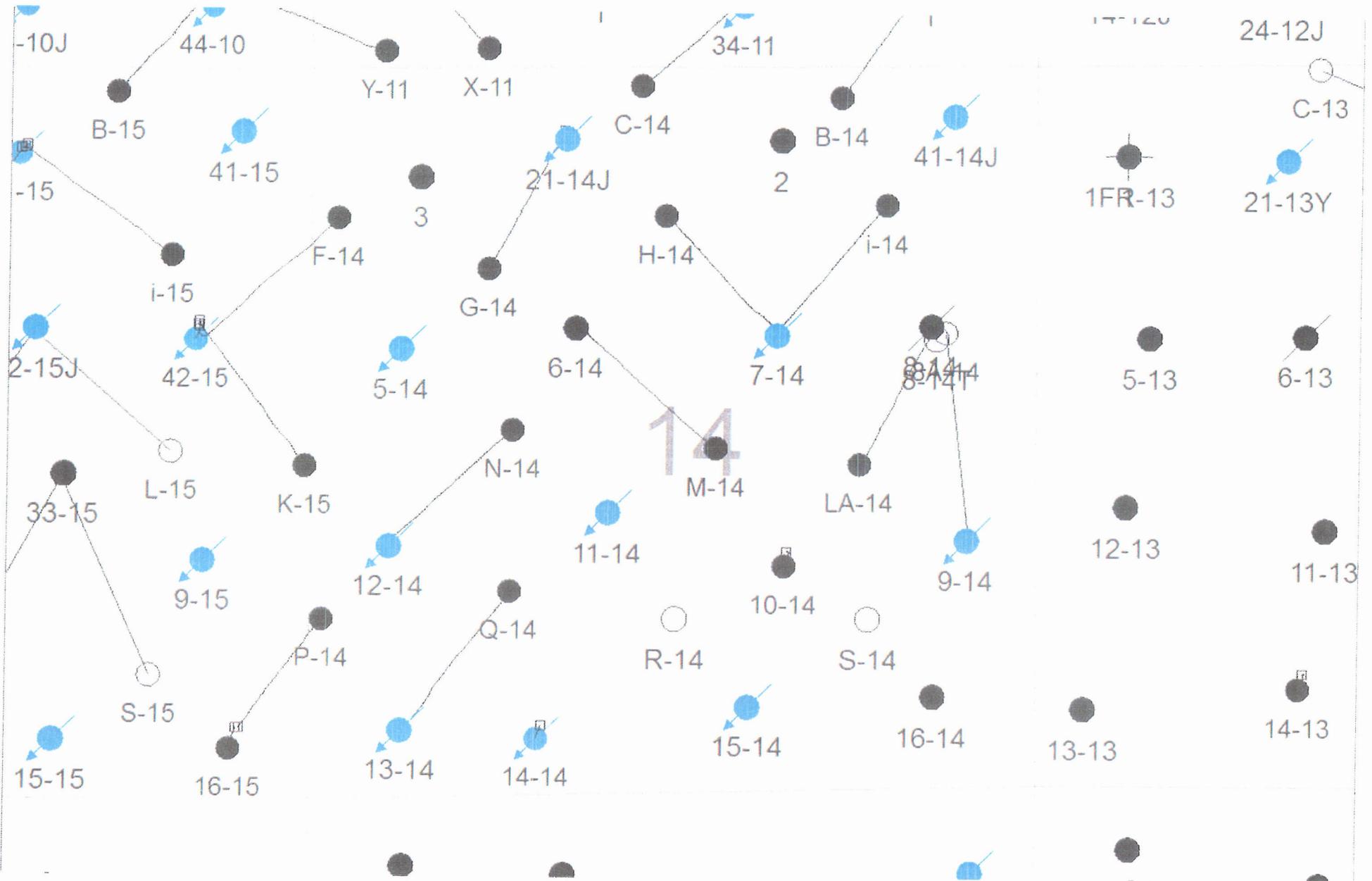
Tubing Anchor @ 5020' EOT @ 5152'

See attached original schematic for more details.

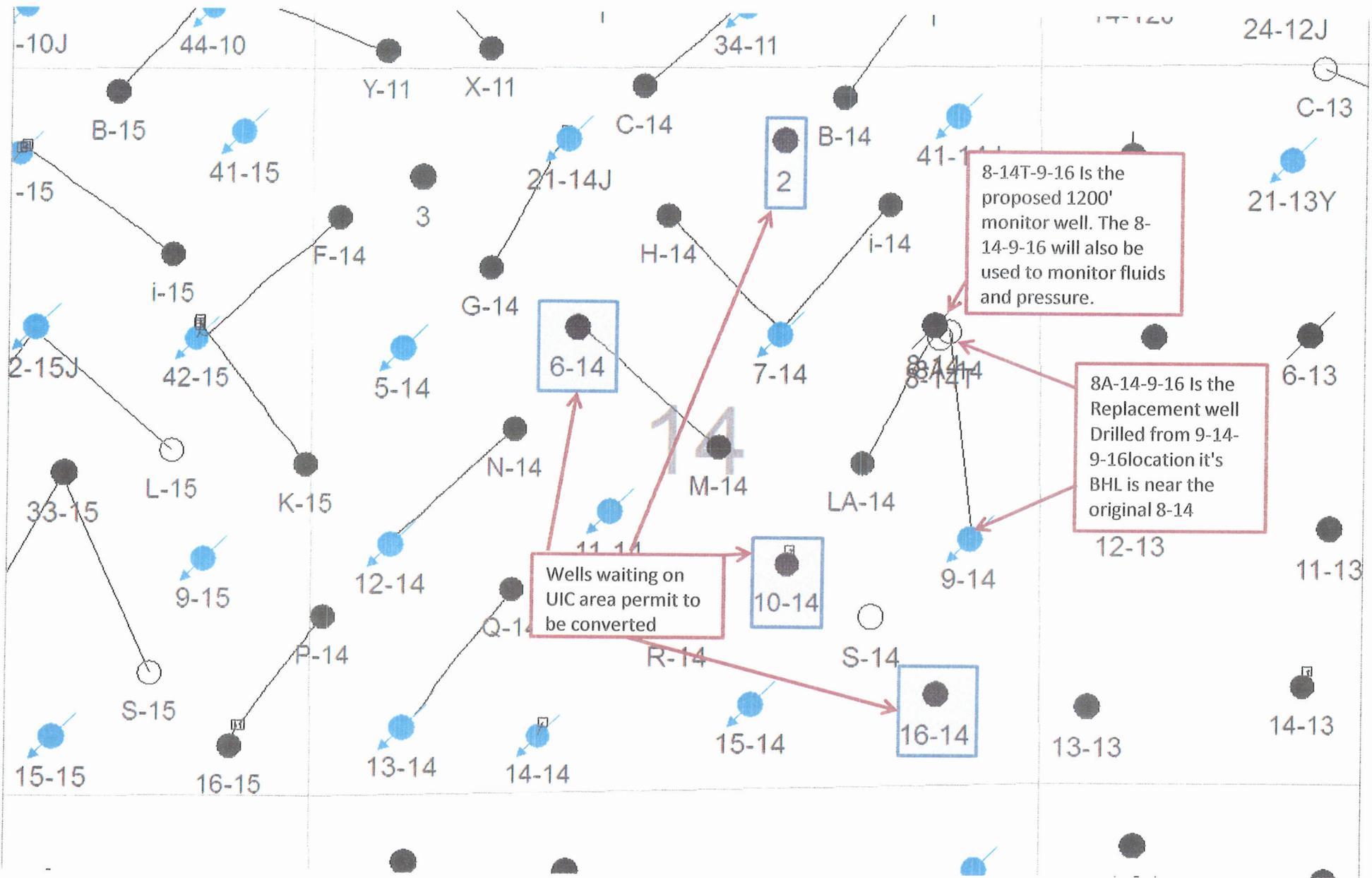


Area Map

NEWFIELD



Area Map



8-14T-9-16 is the proposed 1200' monitor well. The 8-14-9-16 will also be used to monitor fluids and pressure.

8A-14-9-16 is the Replacement well Drilled from 9-14-9-16 location it's BHL is near the original 8-14

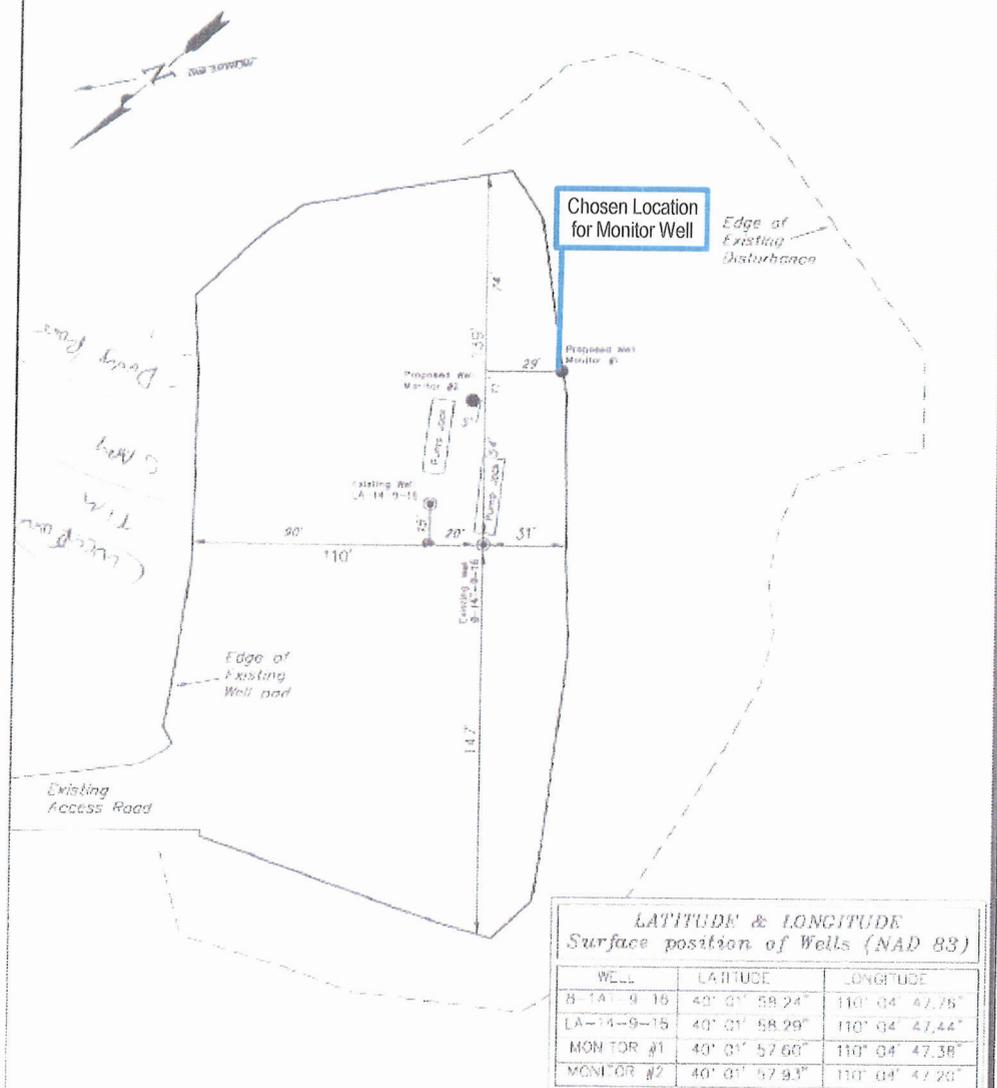
Wells waiting on UIC area permit to be converted

14

8-14T-9-16



NEWFIELD EXPLORATION COMPANY
 PRELIMINARY MONITORING WELL SITE PLAN
 8-14T-9-16 (Existing Well)
 LA-14-9-16 (Existing Well)
 Pad Location: SENE Section 14, T9S, R16E, S.L.B.&M.



LATITUDE & LONGITUDE
 Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
8-14-9-16	40° 01' 58.24"	110° 04' 47.76"
LA-14-9-16	40° 01' 58.29"	110° 04' 47.44"
MONITOR #1	40° 01' 57.60"	110° 04' 47.38"
MONITOR #2	40° 01' 57.93"	110° 04' 47.20"

SURVEYED BY: C.M. DATE SURVEYED: 03-11-11 VERSION:
 DRAWN BY: F.T.M. DATE DRAWN: 03-21-11 N/A
 SCALE: 1" = 50' REVISED:

Tri State
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84378
 (435) 781-2904

To Date



- APD's for both wells approved
- Should wait to survey and start work due to Wildlife condition of approval(COA)
 - Mountain Plover Habitat COA ends June 15
- Decide on whether or not to drill replacement injection well
- Monitor well costs will range from \$50,000-\$60,000 depending on how we drill the well

Plan for Monitoring 8-14T-9-16 & 8-14-9-16

This document will outline the action items needed in monitoring the 8-14T and the 8-14.

1. These wells share the location of the LA-14-9-16 and can be checked every other day when the LA-14-9-16 is pumped.
2. The tubing and casing pressure for each well will be recorded and updated into oracle.
3. Both wells will need to have water samples pulled and analyzed once a year.
 - a. A rig or crane may be required to run slick line to take a sample.
 - b. This analysis will be sent to the state and to Newfield for documentation
4. If a large or significant change is noticed then the operator will immediately notify the production foreman and lead operator.
 - a. The Lead or foreman will then notify the Engineer
 - b. The Engineer will notify the state and an action will be decided on how to handle the situation.
 - c. The wells around this area may have to be shut in and the injectors will need to be turned off
 - d. Once this is done a sample from the 8-14T and 8-14 will need to be taken
 - e. A rig or crane may be needed to take a sample from the wells.
 - f. The sample will be analyzed and a copy of the analysis will be sent to the proper state representatives and one will be kept for Newfield documentation.
 - g. A plan will then be created by Newfield engineer and a state representative