

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

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

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-44426
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 T-1-9-16
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-34119
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/SE 1969' FSL 646' FEL At proposed prod. zone <i>SE</i> 1235' FSL 170' FEL		10. Field and Pool, or Exploratory Monument Butte <i>JK</i>
14. Distance in miles and direction from nearest town or post office* Approximatley 13.5 miles southwest of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 1, T9S R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 170' f/lse, 4045' f/unit	16. No. of Acres in lease 394.07	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. 1586'	19. Proposed Depth 6145'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5406' 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:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 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). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 9/18/08
Title Regulatory Specialist		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 11-05-08
Title Office	ENVIRONMENTAL MANAGER	

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

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

*(Instructions on reverse)

Sur P

580177X
44344034
40.057955
110.059955

BHL
580324X
44341804
40.055937
-110.058260

Federal Approval of this
Action is Necessary

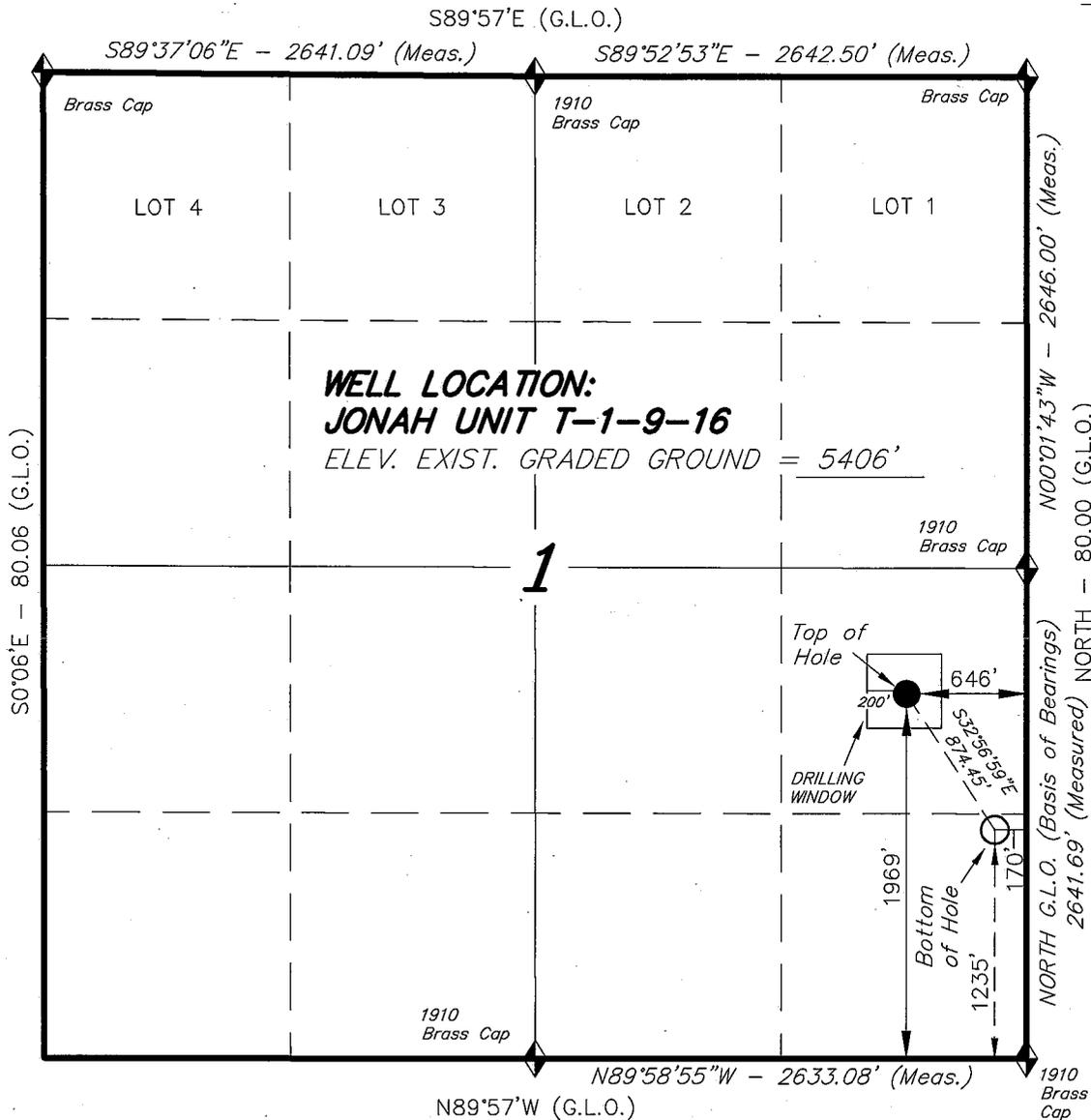
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OCT 21 2008

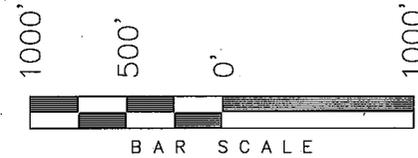
DIV. OF OIL, GAS & MINING

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

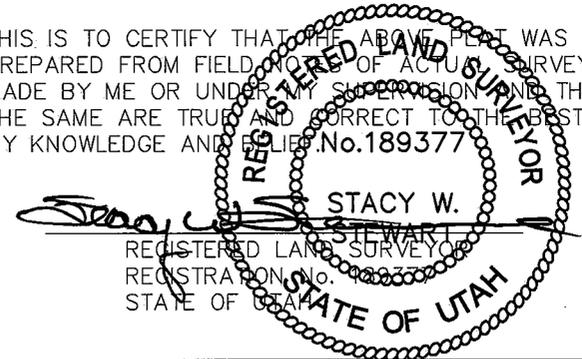
NEWFIELD PRODUCTION COMPANY



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



THIS IS TO CERTIFY THAT THE ABOVE PLOT 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 T-1-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 03' 28.78"
 LONGITUDE = 110° 03' 38.35"

TRI STATE LAND SURVEYING & CONSULTING

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

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

NEWFIELD



Route #3 Box 3630
Myton, Utah 84052
(435) 646-4825, FAX: (435) 646-3031

October 17, 2008

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

RE: Applications for Permit to Drill
Jonah Federal T-1-9-16
Jonah Federal X-6-9-17
Jonah Federal I-17-9-17

Dear Diana:

Enclosed find APD's on the above referenced wells. Our Land Department will send you the required Directional Drill Letters. If you have any questions, feel free to give either Dave Allred or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED
OCT 21 2008
DIV. OF OIL, GAS & MINING

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/21/2008

API NO. ASSIGNED: 43-013-34119

WELL NAME: JONAH FED T-1-9-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

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

NESE 01 090S 160E
 SURFACE: 1969 FSL 0646 FEL
 BOTTOM: 1235 FSL 0170 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.05796 LONGITUDE: -110.0600
 UTM SURF EASTINGS: 580177 NORTHINGS: 4434403
 FIELD NAME: MONUMENT BUTTE (105)

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-44426
 SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

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

LOCATION AND SITING:

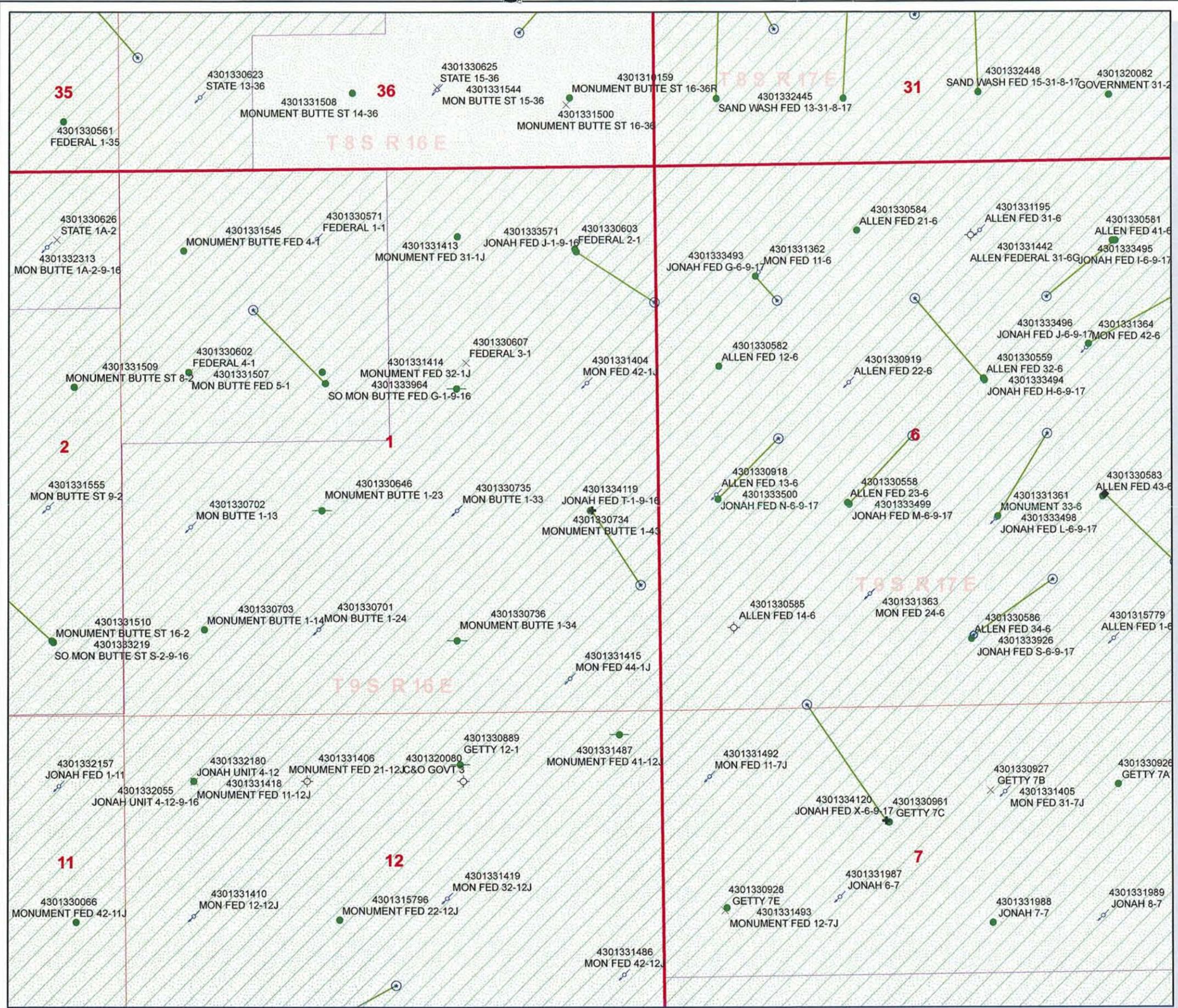
- R649-2-3.
- Unit: JONAH (GRRV)
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- R649-3-3. Exception
- Drilling Unit
Board Cause No: 228-2
Eff Date: 7-16-1993
Siting: Does Not Suspend Siting
- R649-3-11. Directional Drill

COMMENTS: See Separate file

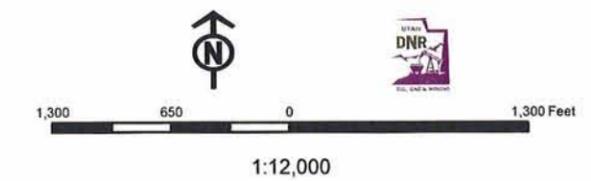
STIPULATIONS: 1- Federal Approval

API Number: 4301334119
Well Name: JONAH FED T-1-9-16
Township 09.0 S Range 16.0 E Section 01
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason



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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO:
3160
(UT-922)

October 24, 2008

Memorandum

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

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

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-34119	Jonah Federal T-1-9-16 Sec 01 T09S R16E 1969 FSL 0646 FEL BHL Sec 01 T09S R16E 1235 FSL 0170 FEL	
43-013-34120	Jonah Federal X-6-9-17 Sec 07 T09S R17E 1107 FNL 2230 FWL BHL Sec 06 T09S R17E 0040 FSL 1465 FWL	

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

/s/ Michael L. Coulthard

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

MCoulthard:mc:10-24-08



October 31, 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 T-1-9-16
Jonah Unit
UTU-72086A
Surface Hole: T9S R16E, Section 1: NESE
1969' FSL 646' FEL
Bottom Hole: T9S R16E, Section 1
1235' FSL 170' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated September 18, 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
NOV 05 2008
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

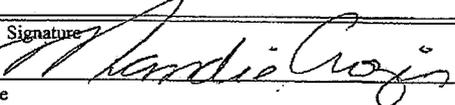
FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

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17. Spacing Unit dedicated to this well 20 Acres	13. State UT	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1586'	19. Proposed Depth 6145'	20. BLM/BIA Bond No. on file WYB000493
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25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 9/18/08
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.

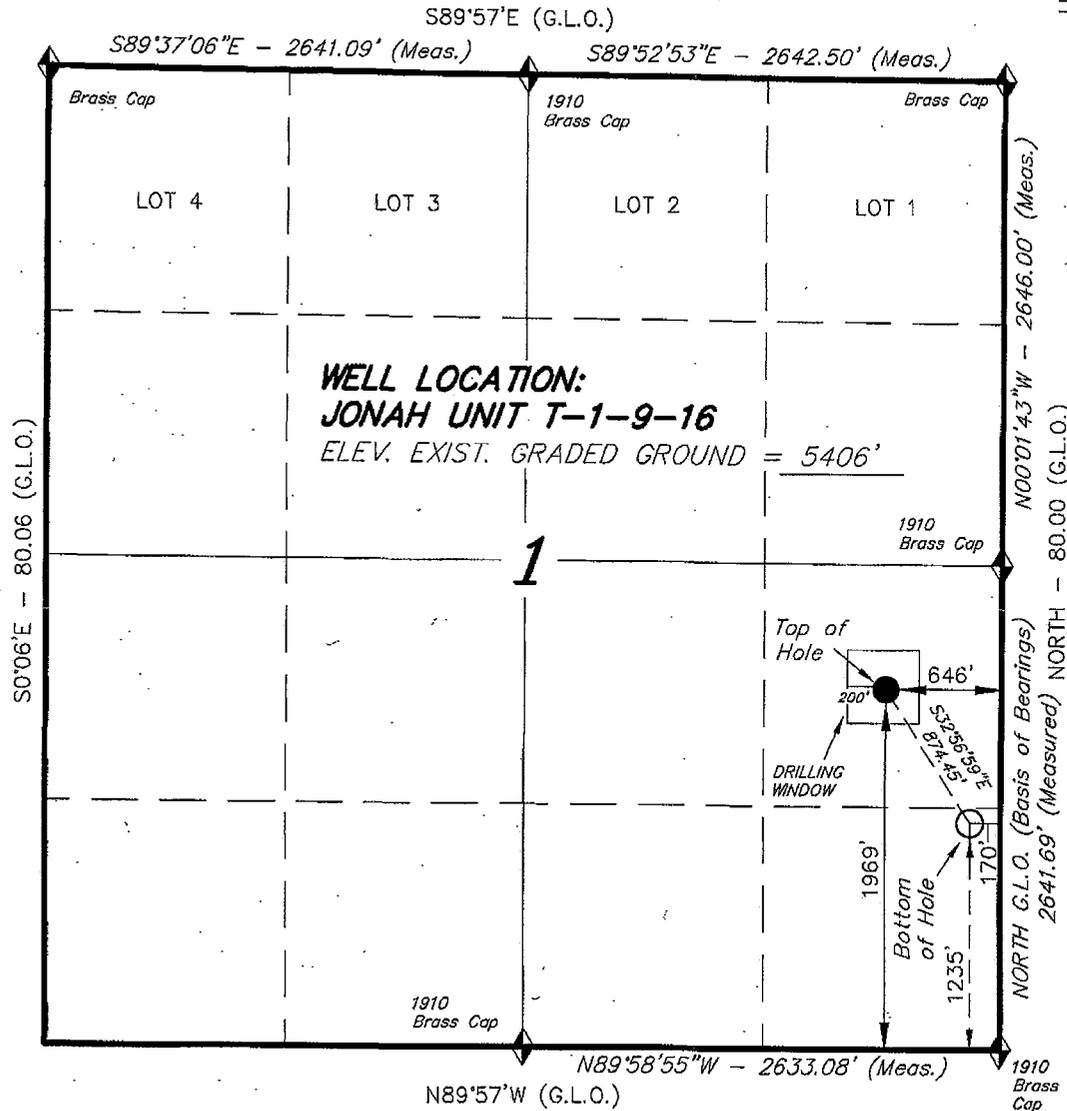
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*(Instructions on reverse)

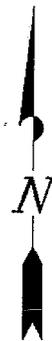
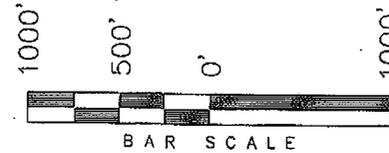
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NOV 05 2008
DIV. OF OIL, GAS & MINING

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

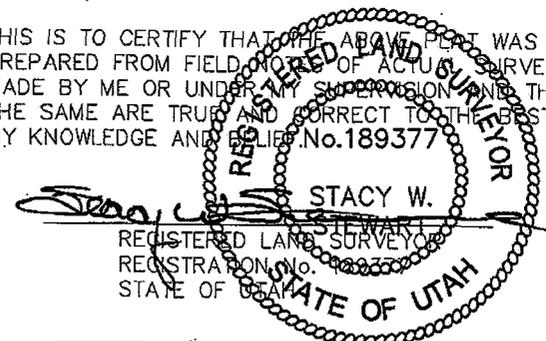
NEWFIELD PRODUCTION COMPANY



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



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD WORK 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 T-1-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 03' 28.78"
 LONGITUDE = 110° 03' 38.35"

TRI STATE LAND SURVEYING & CONSULTING

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

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

NEWFIELD PRODUCTION COMPANY
JONAH FEDERAL T-1-9-16
NE/SE SECTION 1, 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' – 1488'
Green River	1488'
Wasatch	6145'

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

Green River Formation 1488' – 6145' - 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 T-1-9-16
AT SURFACE: NE/SE SECTION 1, 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 T-1-9-16 located in the NE 1/4 SE 1/4 Section 1, 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 - 10.0 miles \pm to its junction with an existing dirt road to the southwest; proceed southwesterly - 2.0 miles \pm to its junction with an existing dirt road to the north; proceed in a northerly direction - 0.1 miles \pm to the existing Mon. Butte 1-43-9-16 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 Mon. Butte 1-43-9-16 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 Mon. Butte 1-43-9-16 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Jonah Federal T-1-9-16. All permanent surface equipment will be painted Carlsbad Canyon.

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

5. LOCATION AND TYPE OF WATER SUPPLY

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

Johnson Water District
Water Right : 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

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

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

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Jonah Federal T-1-9-16 will be drilled off of the existing Mon. Butte 1-43-9-16 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

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

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 370' of disturbed area be granted in Lease UTU-52013 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

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

Water Disposal

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

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

Threatened, Endangered, And Other Sensitive Species

None for the proposed Jonah Federal T-1-9-16.

Reserve Pit Liner

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

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

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

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

Details of the On-Site Inspection

The proposed Jonah Federal T-1-9-16 was on-sited on 7/16/08. The following were present; Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), Brandon McDonald (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

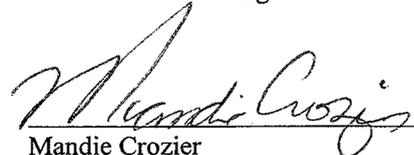
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #T-1-9-16 NE/SE Section 1, Township 9S, Range 16E: Lease UTU-44426 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

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

9/15/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

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

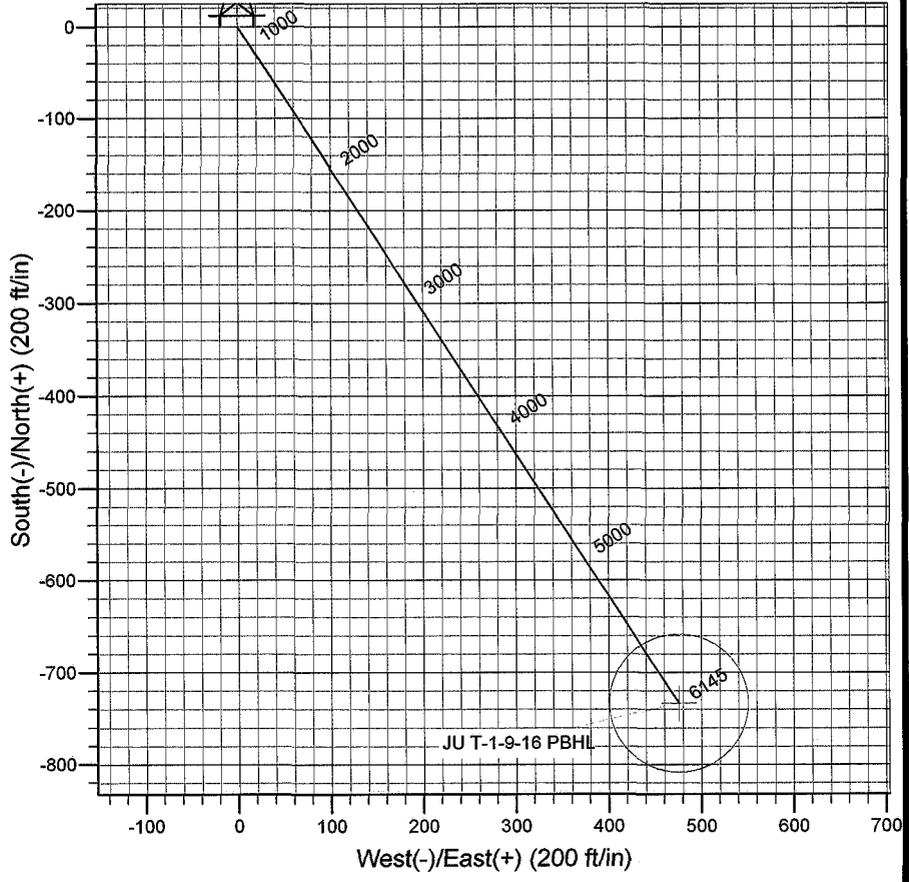
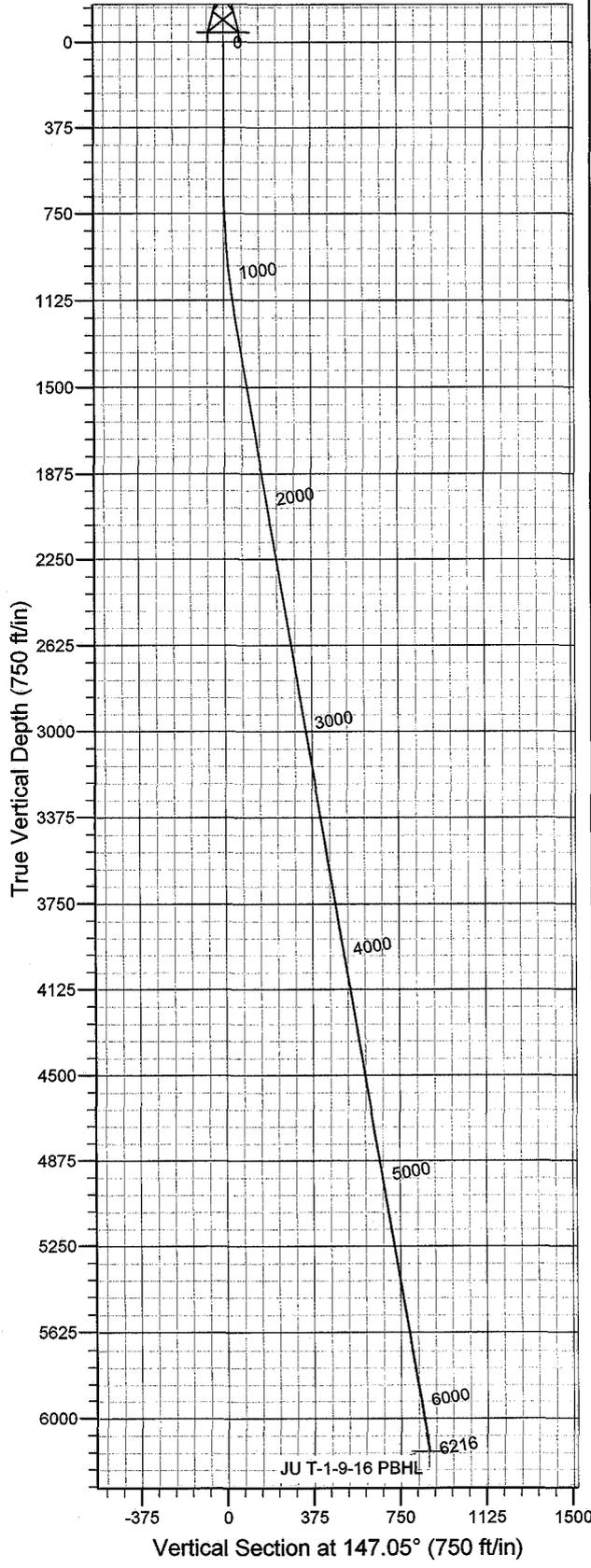
Newfield Exploration Co.

Azimuths to True North
 Magnetic North: 11.64°

Magnetic Field
 Strength: 52570.0snT
 Dip Angle: 65.88°
 Date: 2008-10-09
 Model: IGRF2005-10

WELL DETAILS: Jonah Unit T-1-9-16

GL 5406' & RKB 12' @ 5418.00ft 5406.00
 +N/-S 0.00 +E/-W 0.00 Northing 7193104.20 Easting 2043276.14 Latitude 40° 3' 28.780 N Longitude 110° 3' 38.350 W



Plan: Plan #1 (Jonah Unit T-1-9-16/OH)
 Created By: Julie Cruse Date: 2008-10-09
 PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 Location:
 System Datum: Mean Sea Level
 Local North: True

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
1233.07	9.50	147.05	1230.17	-43.92	28.47	1.50	147.05	52.34	
6216.18	9.50	147.05	6145.00	-733.79	475.62	0.00	0.00	874.45	JU T-1-9-16 PBHL



Scientific Drilling
Rocky Mountain Operations

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Jonah Unit

Jonah Unit T-1-9-16

OH

Plan: Plan #1

Standard Planning Report

09 October, 2008



Scientific Drilling

Planning Report

Database: EDM 2003.16 Multiuser DB
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Jonah Unit
Well: Jonah Unit T-1-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit T-1-9-16
TVD Reference: GL 5406' & RKB 12' @ 5418.00ft
MD Reference: GL 5406' & RKB 12' @ 5418.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

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

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

Well	Jonah Unit T-1-9-16, 1969' FSL 646' FEL Sec 1 T9S R16E					
Well Position	+N/-S	0.00 ft	Northing:	7,193,104.20 ft	Latitude:	40° 3' 28.780 N
	+E/-W	0.00 ft	Easting:	2,043,276.14 ft	Longitude:	110° 3' 38.350 W
Position Uncertainty	0.00 ft		Wellhead Elevation:	ft	Ground Level:	5,406.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-10-09	11.64	65.88	52,570

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	147.05

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,233.07	9.50	147.05	1,230.17	-43.92	28.47	1.50	1.50	0.00	147.05	
6,216.18	9.50	147.05	6,145.00	-733.79	475.62	0.00	0.00	0.00	0.00	JU T-1-9-16 PBHL



Scientific Drilling

Planning Report

Database: EDM 2003.16 Multiuser DB
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Jonah Unit
Well: Jonah Unit T-1-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit T-1-9-16
TVD Reference: GL 5406' & RKB 12' @ 5418.00ft
MD Reference: GL 5406' & RKB 12' @ 5418.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	147.05	699.99	-1.10	0.71	1.31	1.50	1.50	0.00
800.00	3.00	147.05	799.91	-4.39	2.85	5.23	1.50	1.50	0.00
900.00	4.50	147.05	899.69	-9.88	6.40	11.77	1.50	1.50	0.00
1,000.00	6.00	147.05	999.27	-17.56	11.38	20.92	1.50	1.50	0.00
1,100.00	7.50	147.05	1,098.57	-27.42	17.77	32.68	1.50	1.50	0.00
1,200.00	9.00	147.05	1,197.54	-39.46	25.58	47.03	1.50	1.50	0.00
1,233.07	9.50	147.05	1,230.17	-43.92	28.47	52.34	1.50	1.50	0.00
1,300.00	9.50	147.05	1,296.19	-53.19	34.47	63.38	0.00	0.00	0.00
1,400.00	9.50	147.05	1,394.82	-67.03	43.45	79.88	0.00	0.00	0.00
1,500.00	9.50	147.05	1,493.45	-80.88	52.42	96.38	0.00	0.00	0.00
1,600.00	9.50	147.05	1,592.08	-94.72	61.39	112.88	0.00	0.00	0.00
1,700.00	9.50	147.05	1,690.71	-108.56	70.37	129.38	0.00	0.00	0.00
1,800.00	9.50	147.05	1,789.34	-122.41	79.34	145.87	0.00	0.00	0.00
1,900.00	9.50	147.05	1,887.97	-136.25	88.31	162.37	0.00	0.00	0.00
2,000.00	9.50	147.05	1,986.60	-150.10	97.29	178.87	0.00	0.00	0.00
2,100.00	9.50	147.05	2,085.23	-163.94	106.26	195.37	0.00	0.00	0.00
2,200.00	9.50	147.05	2,183.86	-177.79	115.23	211.86	0.00	0.00	0.00
2,300.00	9.50	147.05	2,282.49	-191.63	124.21	228.36	0.00	0.00	0.00
2,400.00	9.50	147.05	2,381.12	-205.47	133.18	244.86	0.00	0.00	0.00
2,500.00	9.50	147.05	2,479.75	-219.32	142.15	261.36	0.00	0.00	0.00
2,600.00	9.50	147.05	2,578.37	-233.16	151.13	277.86	0.00	0.00	0.00
2,700.00	9.50	147.05	2,677.00	-247.01	160.10	294.35	0.00	0.00	0.00
2,800.00	9.50	147.05	2,775.63	-260.85	169.07	310.85	0.00	0.00	0.00
2,900.00	9.50	147.05	2,874.26	-274.69	178.05	327.35	0.00	0.00	0.00
3,000.00	9.50	147.05	2,972.89	-288.54	187.02	343.85	0.00	0.00	0.00
3,100.00	9.50	147.05	3,071.52	-302.38	195.99	360.35	0.00	0.00	0.00
3,200.00	9.50	147.05	3,170.15	-316.23	204.97	376.84	0.00	0.00	0.00
3,300.00	9.50	147.05	3,268.78	-330.07	213.94	393.34	0.00	0.00	0.00
3,400.00	9.50	147.05	3,367.41	-343.92	222.91	409.84	0.00	0.00	0.00
3,500.00	9.50	147.05	3,466.04	-357.76	231.89	426.34	0.00	0.00	0.00
3,600.00	9.50	147.05	3,564.67	-371.60	240.86	442.84	0.00	0.00	0.00
3,700.00	9.50	147.05	3,663.30	-385.45	249.83	459.33	0.00	0.00	0.00
3,800.00	9.50	147.05	3,761.93	-399.29	258.81	475.83	0.00	0.00	0.00
3,900.00	9.50	147.05	3,860.56	-413.14	267.78	492.33	0.00	0.00	0.00
4,000.00	9.50	147.05	3,959.19	-426.98	276.75	508.83	0.00	0.00	0.00
4,100.00	9.50	147.05	4,057.82	-440.82	285.73	525.33	0.00	0.00	0.00
4,200.00	9.50	147.05	4,156.45	-454.67	294.70	541.82	0.00	0.00	0.00
4,300.00	9.50	147.05	4,255.08	-468.51	303.67	558.32	0.00	0.00	0.00
4,400.00	9.50	147.05	4,353.71	-482.36	312.65	574.82	0.00	0.00	0.00
4,500.00	9.50	147.05	4,452.34	-496.20	321.62	591.32	0.00	0.00	0.00
4,600.00	9.50	147.05	4,550.97	-510.04	330.59	607.81	0.00	0.00	0.00
4,700.00	9.50	147.05	4,649.60	-523.89	339.57	624.31	0.00	0.00	0.00
4,800.00	9.50	147.05	4,748.23	-537.73	348.54	640.81	0.00	0.00	0.00
4,900.00	9.50	147.05	4,846.86	-551.58	357.51	657.31	0.00	0.00	0.00
5,000.00	9.50	147.05	4,945.49	-565.42	366.49	673.81	0.00	0.00	0.00
5,100.00	9.50	147.05	5,044.12	-579.27	375.46	690.30	0.00	0.00	0.00
5,200.00	9.50	147.05	5,142.75	-593.11	384.43	706.80	0.00	0.00	0.00

Database: EDM 2003.16 Multiuser DB
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Jonah Unit
Well: Jonah Unit T-1-9-16
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Jonah Unit T-1-9-16
TVD Reference: GL 5406' & RKB 12' @ 5418.00ft
MD Reference: GL 5406' & RKB 12' @ 5418.00ft
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	9.50	147.05	5,241.38	-606.95	393.41	723.30	0.00	0.00	0.00
5,400.00	9.50	147.05	5,340.01	-620.80	402.38	739.80	0.00	0.00	0.00
5,500.00	9.50	147.05	5,438.64	-634.64	411.35	756.30	0.00	0.00	0.00
5,600.00	9.50	147.05	5,537.27	-648.49	420.33	772.79	0.00	0.00	0.00
5,700.00	9.50	147.05	5,635.90	-662.33	429.30	789.29	0.00	0.00	0.00
5,800.00	9.50	147.05	5,734.53	-676.17	438.27	805.79	0.00	0.00	0.00
5,900.00	9.50	147.05	5,833.16	-690.02	447.25	822.29	0.00	0.00	0.00
6,000.00	9.50	147.05	5,931.78	-703.86	456.22	838.79	0.00	0.00	0.00
6,100.00	9.50	147.05	6,030.41	-717.71	465.19	855.28	0.00	0.00	0.00
6,200.00	9.50	147.05	6,129.04	-731.55	474.17	871.78	0.00	0.00	0.00
6,216.18	9.50	147.05	6,145.00	-733.79	475.62	874.45	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
JU T-1-9-16 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,145.00	-733.79	475.62	7,192,378.15	2,043,763.51	40° 3' 21.528 N	110° 3' 32.233 W

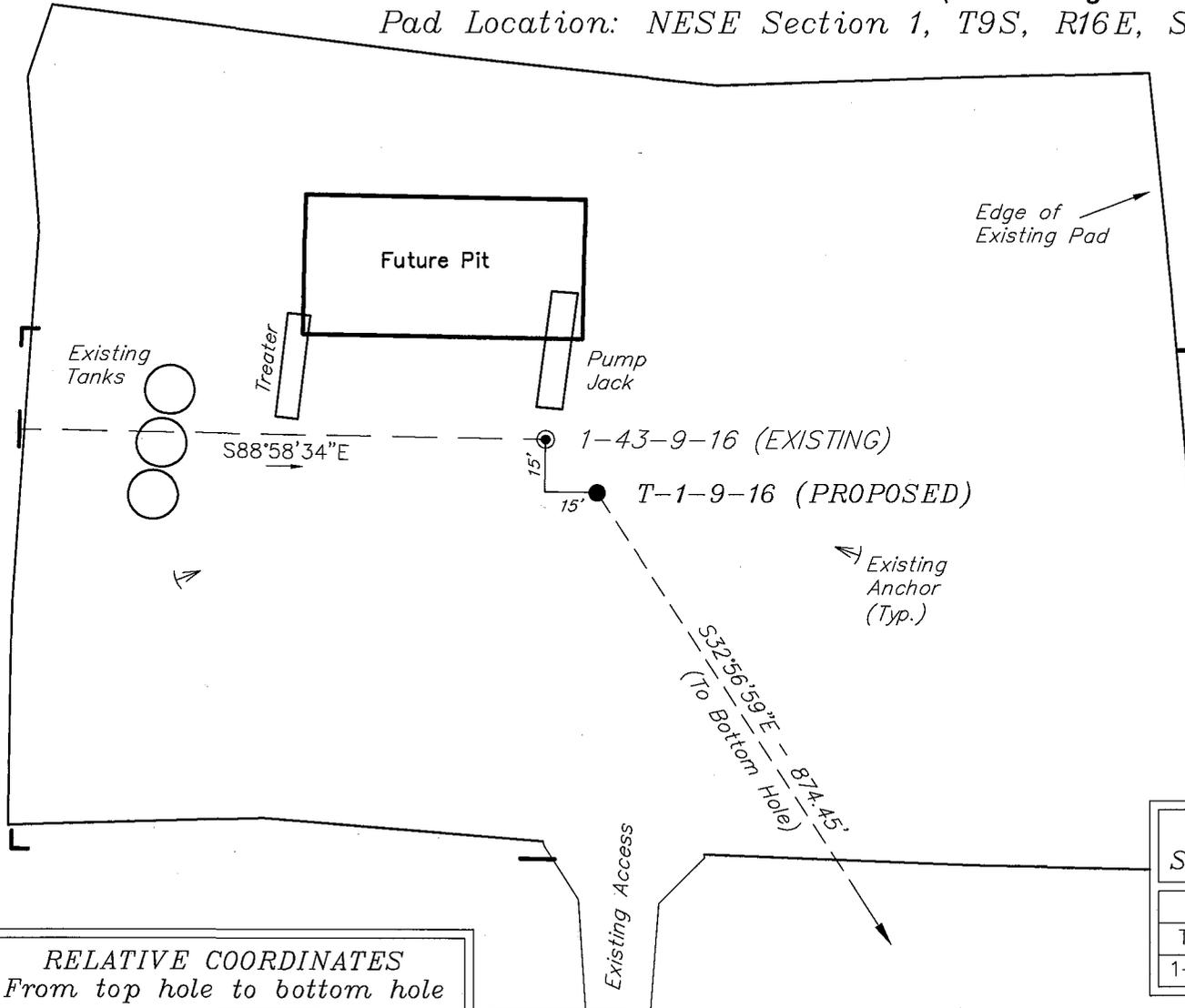
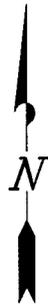
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

JONAH UNIT T-1-9-16 (Proposed Well)

JONAH UNIT 1-43-9-16 (Existing Well)

Pad Location: NESE Section 1, T9S, R16E, S.L.B.&M.



TOP HOLE FOOTAGES

T-1-9-16 (PROPOSED)
1969' FSL & 646' FEL

BOTTOM HOLE FOOTAGES

T-1-9-16 (PROPOSED)
1235' FSL & 170' FEL

Note:
Bearings are based
on GLO Information.

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
T-1-9-16	40° 03' 28.78"	110° 03' 38.35"
1-43-9-16	40° 03' 28.93"	110° 03' 38.54"

RELATIVE COORDINATES From top hole to bottom hole		
WELL	NORTH	EAST
T-1-9-16	-734'	476'

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

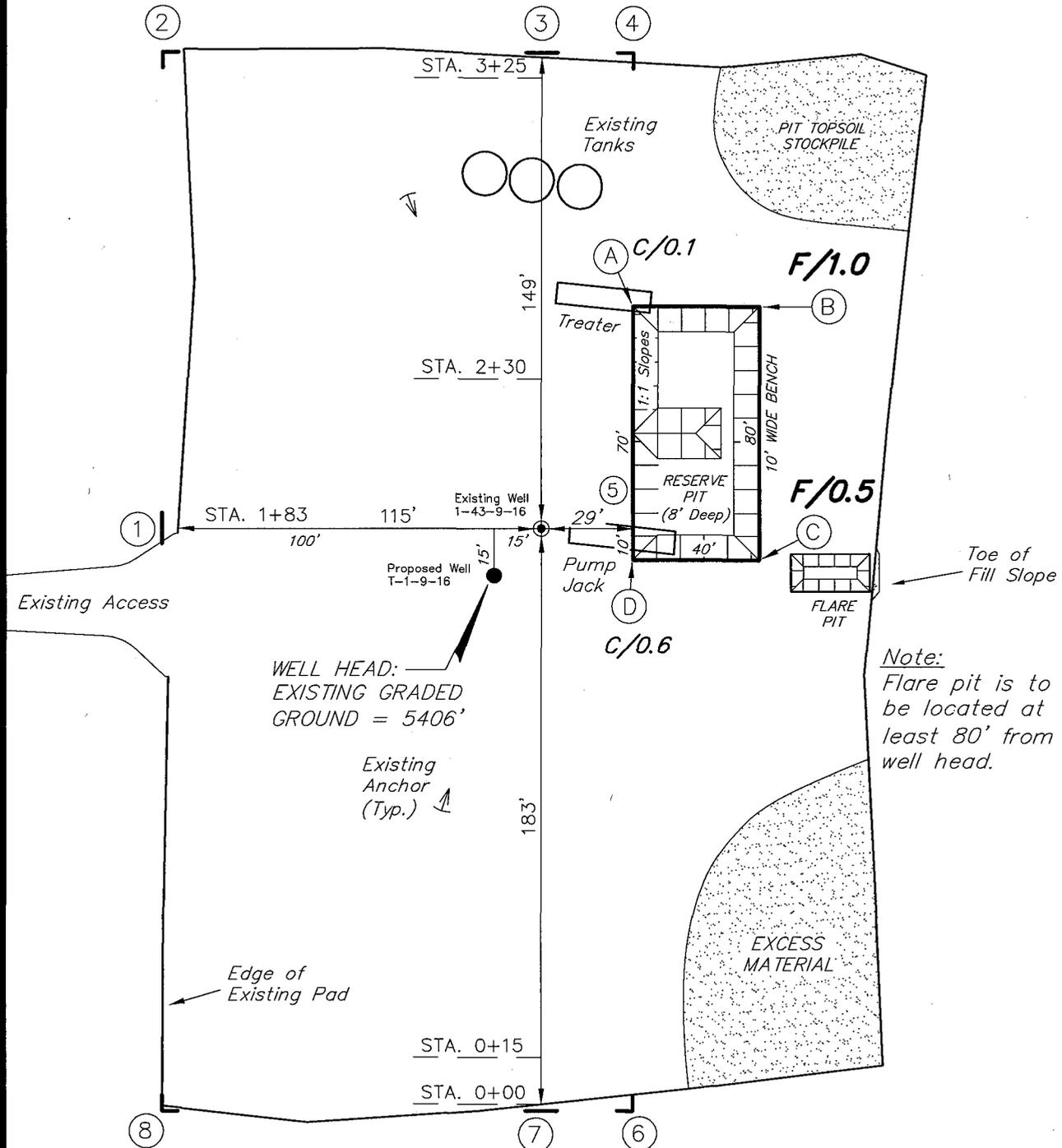
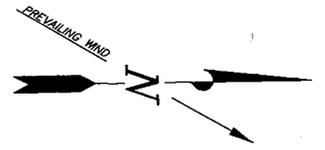
Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

JONAH UNIT T-1-9-16 (Proposed Well)

JONAH UNIT 1-43-9-16 (Existing Well)

Pad Location: NESE Section 1, T9S, R16E, S.L.B.&M.



WELL HEAD:
EXISTING GRADED
GROUND = 5406'

Existing
Anchor
(Typ.)

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

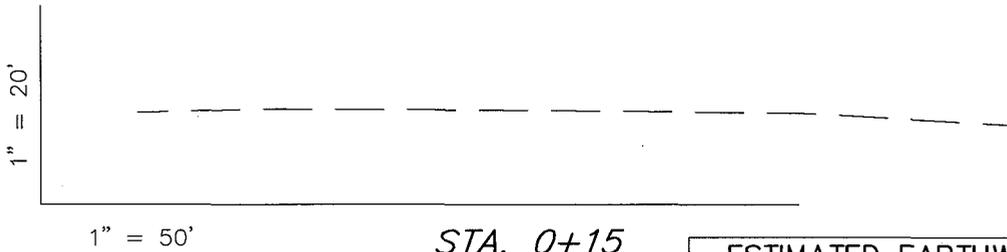
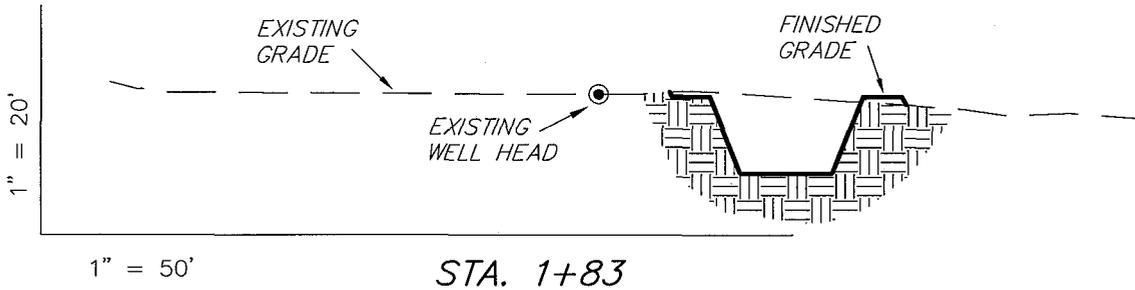
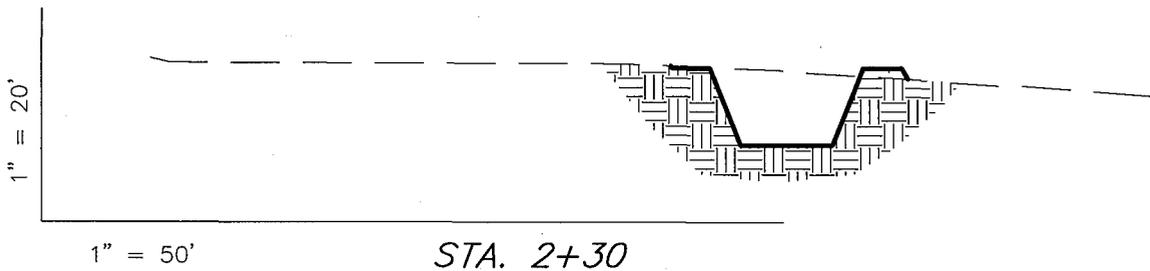
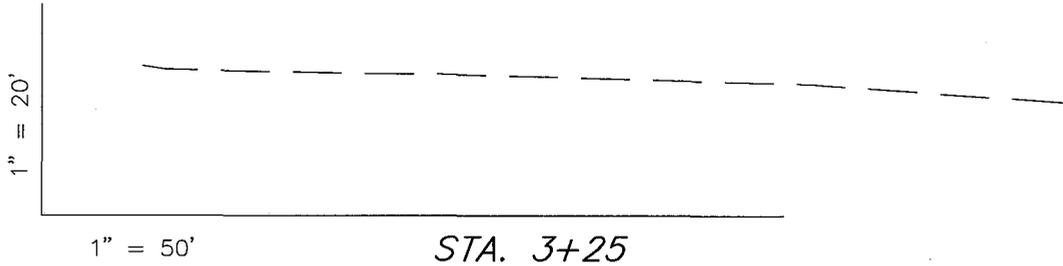
SURVEYED BY: C.M.	DATE SURVEYED: 06-02-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-05-08
SCALE: 1" = 50'	REVISED:

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NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

JONAH UNIT T-1-9-16 (Proposed Well)
 JONAH UNIT 1-43-9-16 (Existing Well)



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

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	60	60	Topsoil is not included in Pad Cut	0
PIT	570	0		570
TOTALS	630	60	120	570

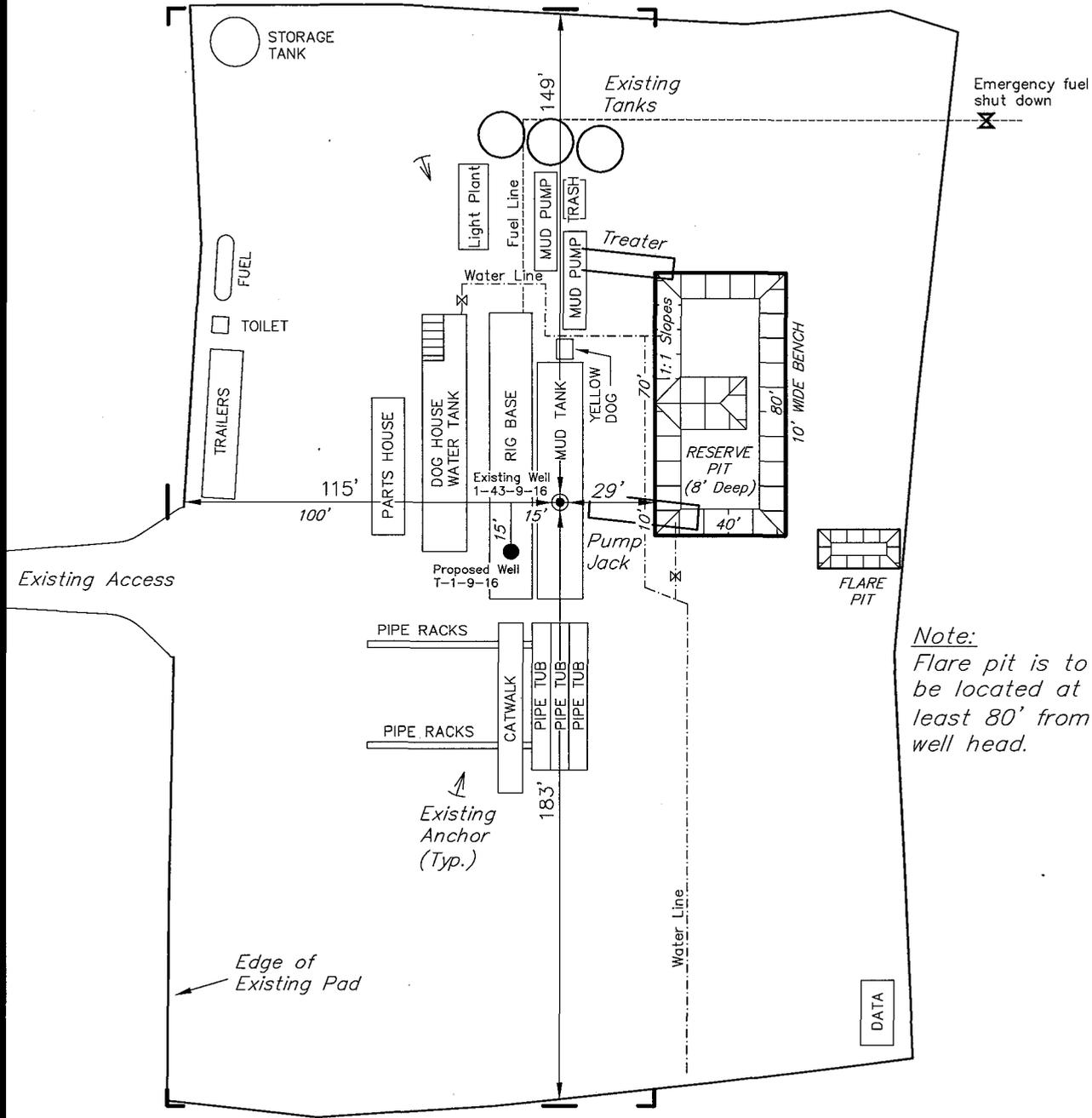
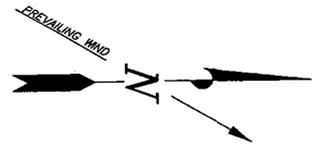
SURVEYED BY: C.M.	DATE SURVEYED: 06-02-08
DRAWN BY: F.T.M.	DATE DRAWN: 06-05-08
SCALE: 1" = 50'	REVISED:

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

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

JONAH UNIT T-1-9-16 (Proposed Well)
 JONAH UNIT 1-43-9-16 (Existing Well)



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

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

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 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Newfield Production Company Proposed Site Facility Diagram

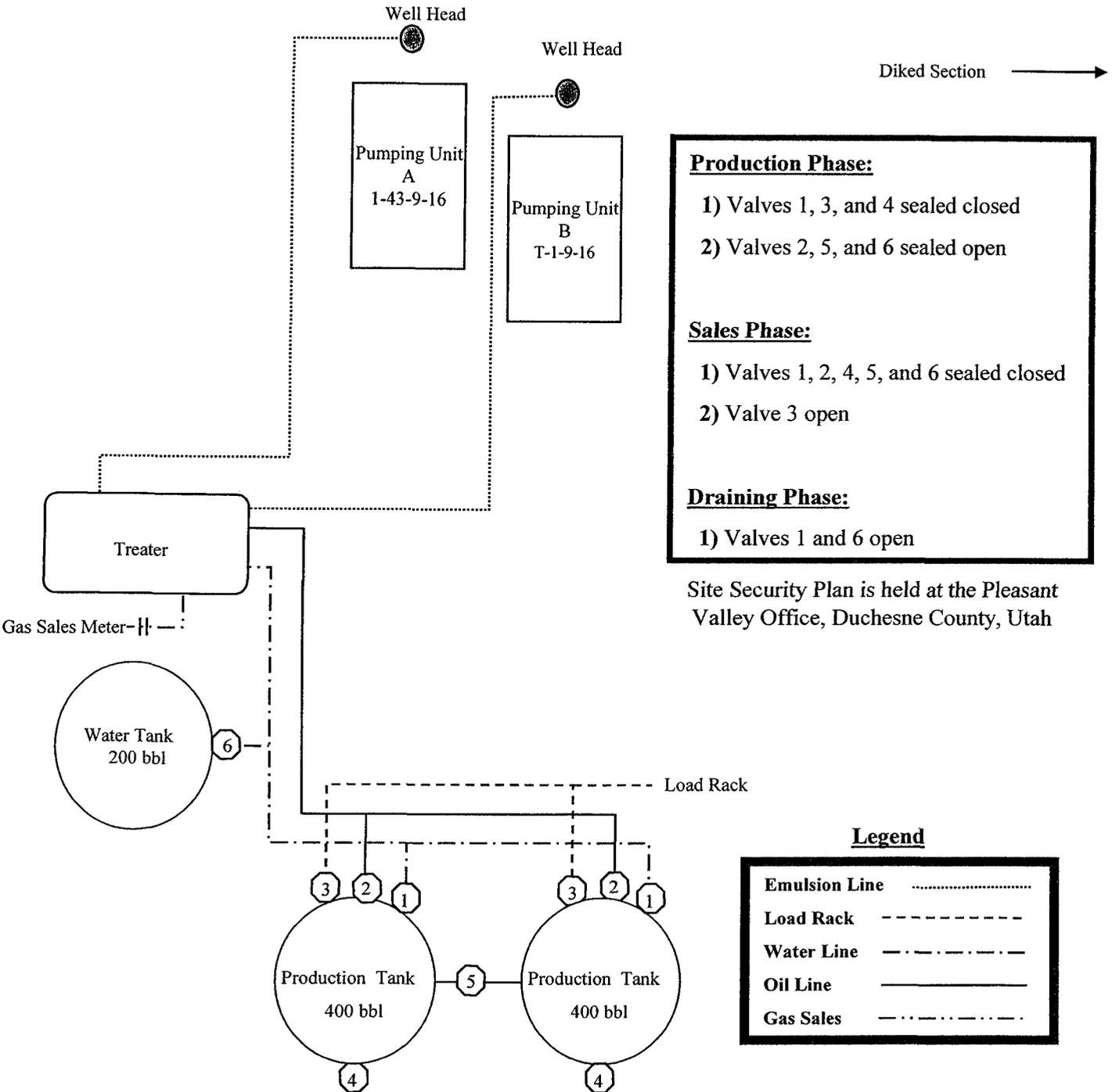
Jonah Federal T-1-9-16

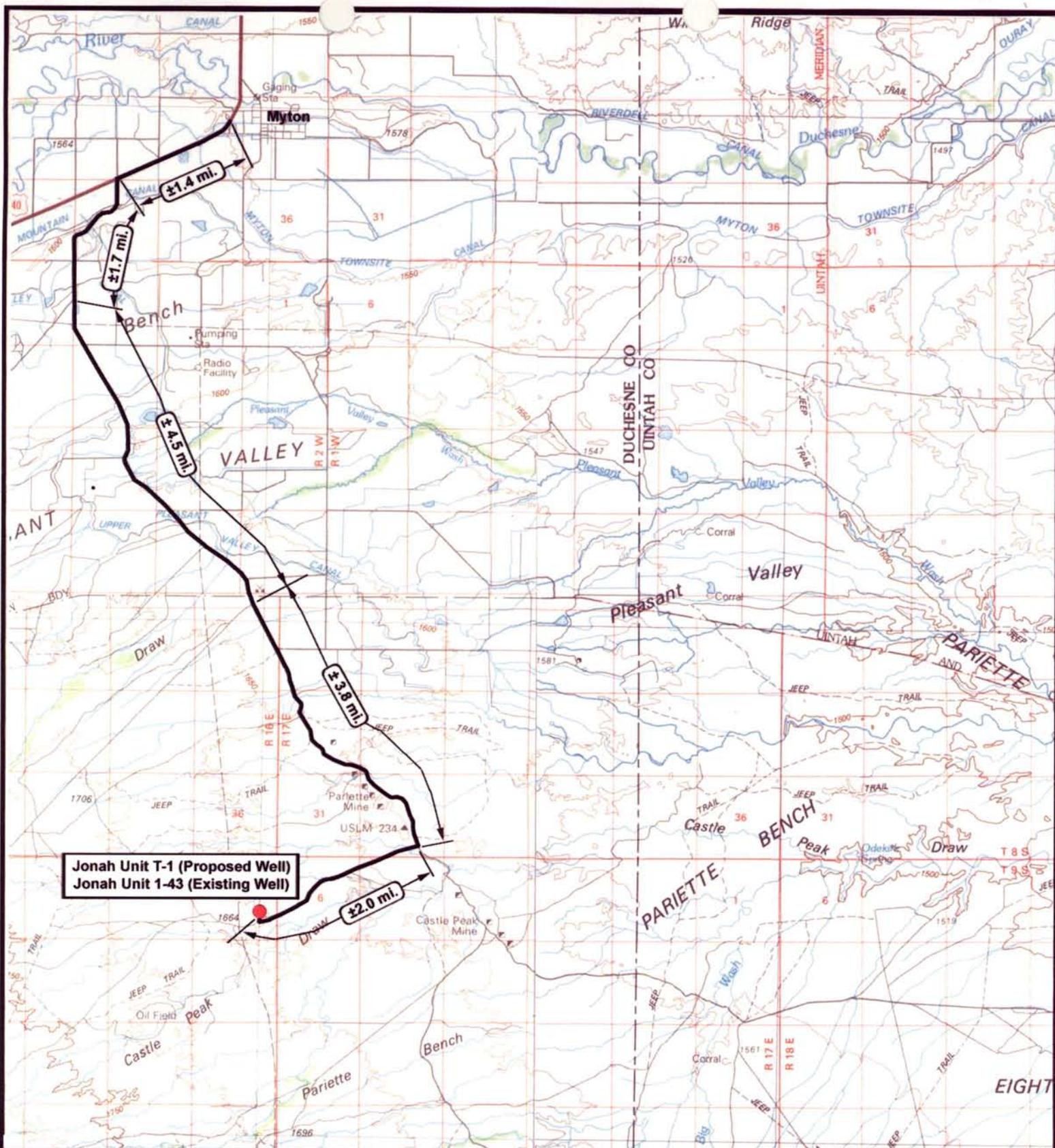
From the 1-43-9-16 Location

NE/SE Sec. 1 T9S, R16E

Duchesne County, Utah

UTU-44426





Jonah Unit T-1 (Proposed Well)
Jonah Unit 1-43 (Existing Well)

NEWFIELD
 Exploration Company

Jonah Unit T-1-9-16 (Proposed Well)
Jonah Unit 1-43-9-16 (Existing Well)
 Pad Location: NESE SEC. 1, T9S, R16E, S.L.B.&M.



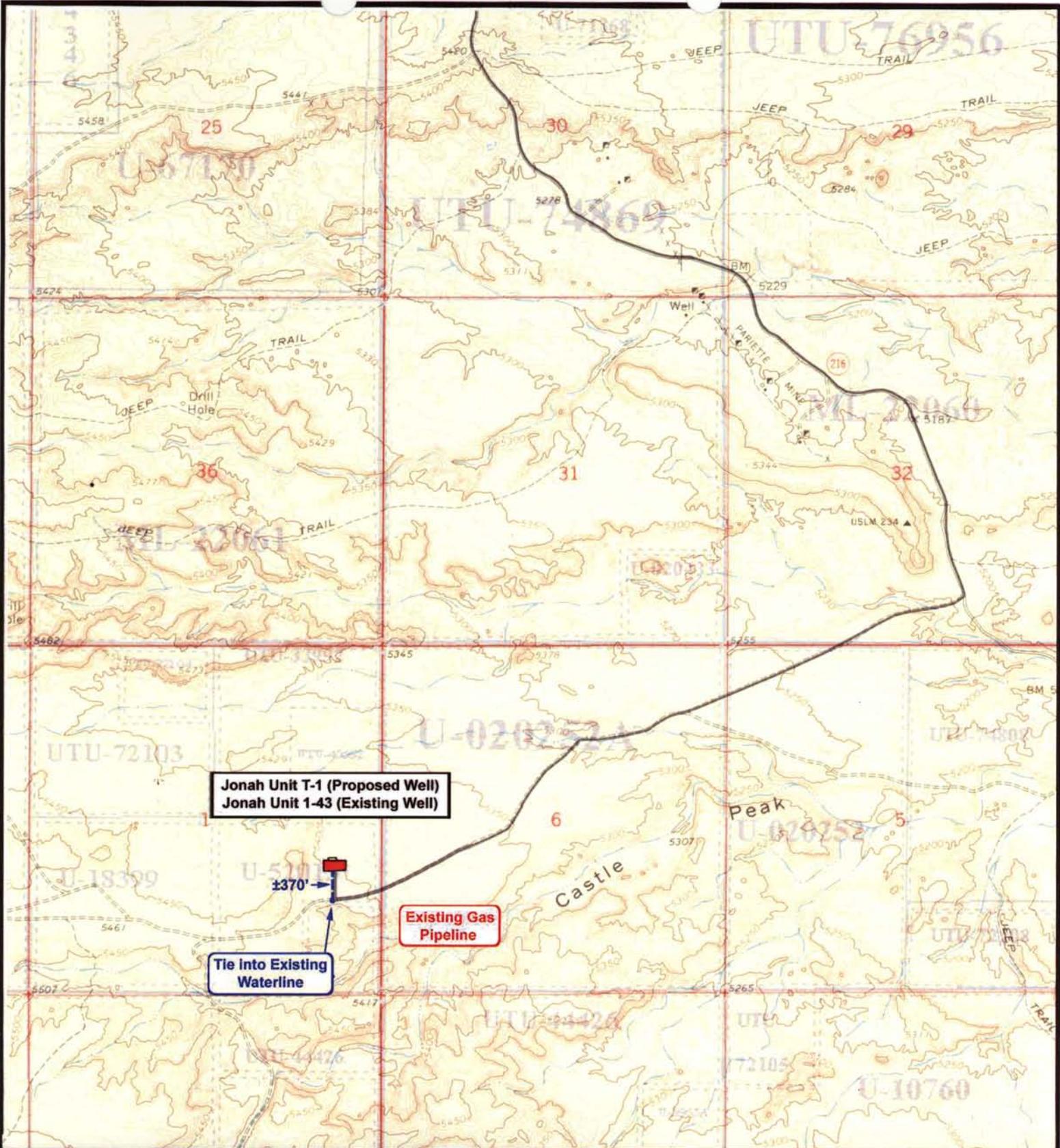
Tri-State
 Land Surveying Inc.
 (435) 781-2501
 180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1:100,000
 DRAWN BY: JAS
 DATE: 07-03-2008

Legend

Existing Road

TOPOGRAPHIC MAP
"A"



**Jonah Unit T-1 (Proposed Well)
Jonah Unit 1-43 (Existing Well)**

**Tie into Existing
Waterline**

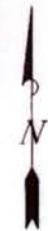
1370'

**Existing Gas
Pipeline**



NEWFIELD
Exploration Company

**Jonah Unit T-1-9-16 (Proposed Well)
Jonah Unit 1-43-9-16 (Existing Well)
Pad Location: NESE SEC. 1, T9S, R16E, S.L.B.&M.**

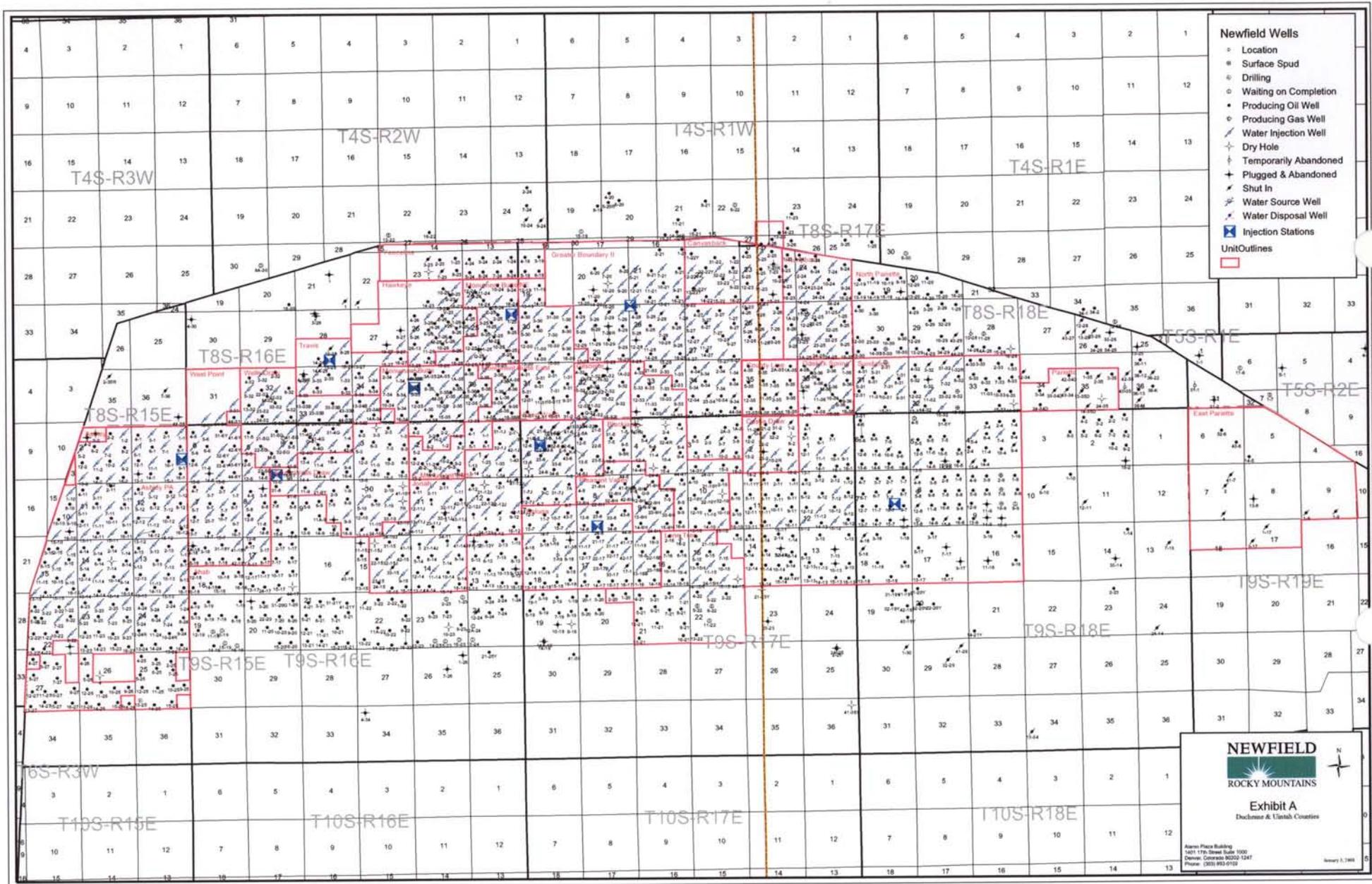


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180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: JAS
DATE: 07-03-2008

Legend
Existing Road
Proposed Water Line

TOPOGRAPHIC MAP
"C"



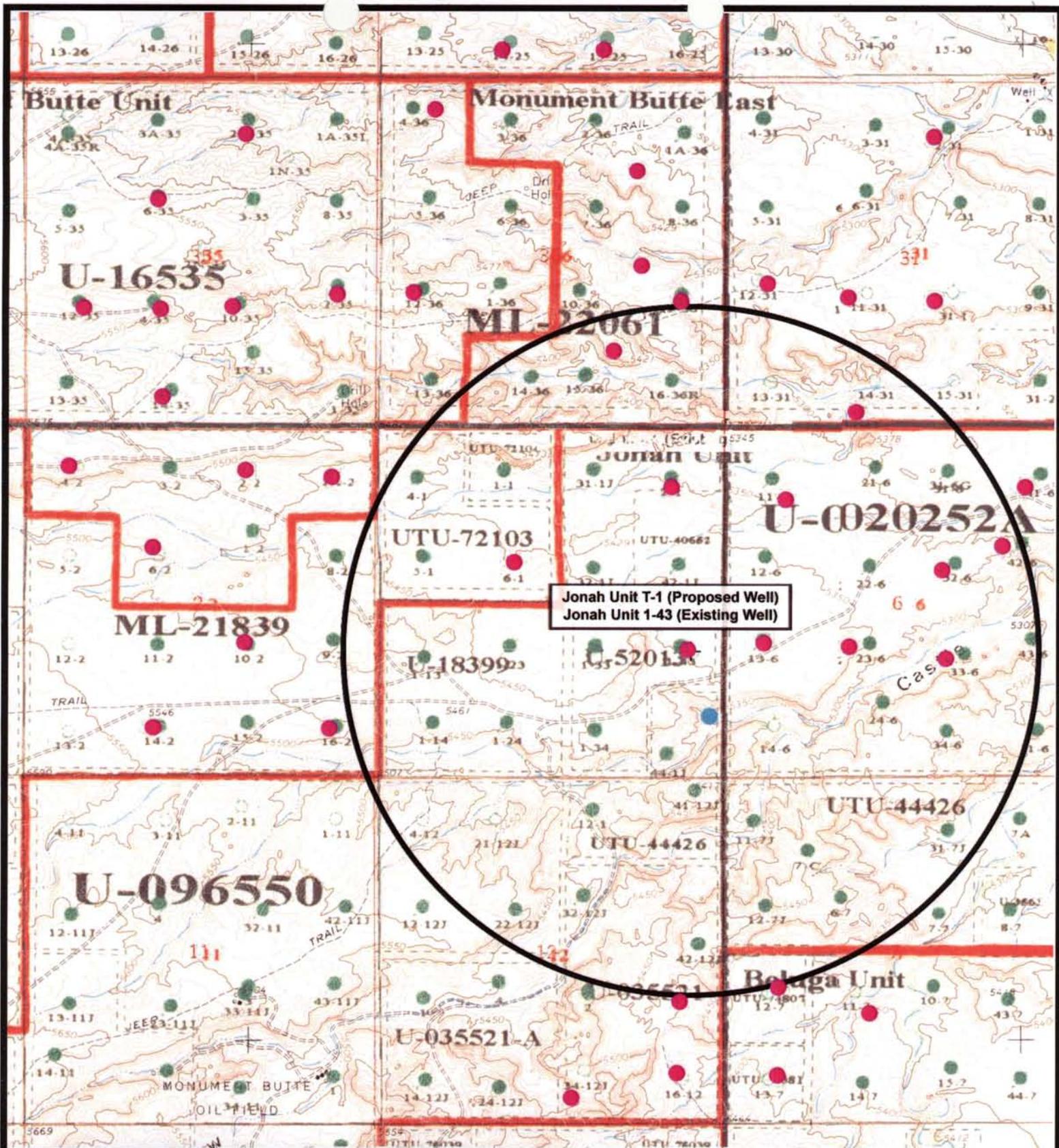
- Newfield Wells**
- Location
 - Surface Spud
 - Drilling
 - Waiting on Completion
 - Producing Oil Well
 - Producing Gas Well
 - Water Injection Well
 - Dry Hole
 - ⊕ Temporarily Abandoned
 - ⊕ Plugged & Abandoned
 - ⊕ Shut In
 - Water Source Well
 - Water Disposal Well
 - ⊕ Injection Stations
- Unit Outlines**
-

NEWFIELD
 ROCKY MOUNTAINS

Exhibit A
 Duchesne & Uintah Counties

Alamo Plaza Building
 1401 17th Street Suite 1900
 Denver, Colorado 80202 USA
 Phone: (303) 993-0102

January 1, 2008



Jonah Unit T-1 (Proposed Well)
 Jonah Unit 1-43 (Existing Well)



Jonah Unit T-1-9-16 (Proposed Well)
Jonah Unit 1-43-9-16 (Existing Well)
 Pad Location: NESE SEC. 1, 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: JAS
 DATE: 07-03-2008

Legend

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

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

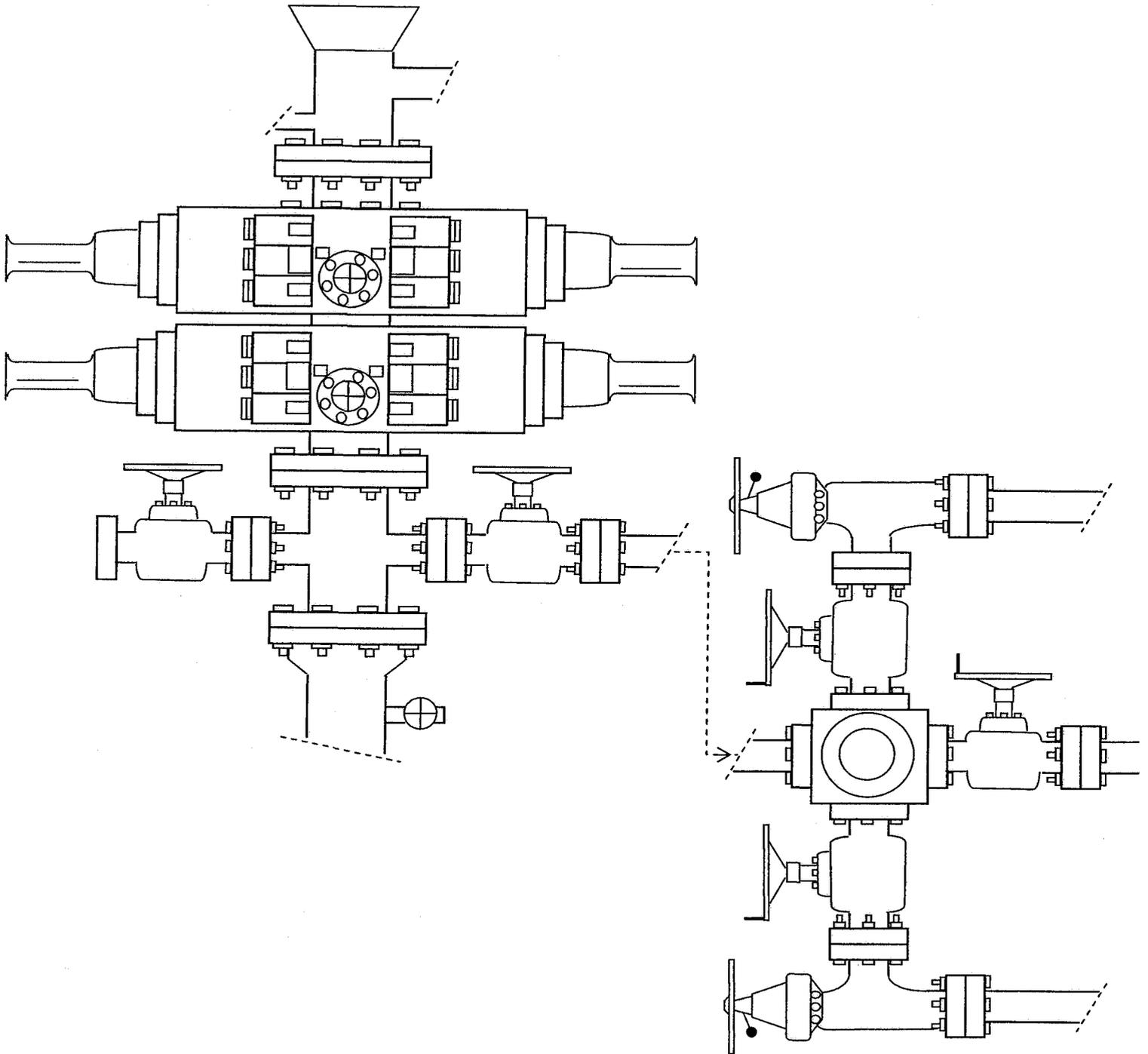


EXHIBIT C

Exhibit "D"

1 of 2

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

By:

Nicole Shelnut

Prepared for:
Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

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

Submitted By:

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

MOAC Report No. 08-197

August 22, 2008

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

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

NEWFIELD EXPLORATION COMPANY

WATER PIPELINE TIE-INS

DUCHESNE COUNTY, UTAH

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

REPORT OF SURVEY

Prepared for:

Newfield Exploration Company

Prepared by:

Wade E. Miller
July 25, 2008



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

November 5, 2008

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

Re: Jonah Federal T-1-9-16 Well, Surface Location 1969' FSL, 646' FEL, NE SE, Sec. 1,
T. 9 South, R. 16 East, Bottom Location 1235' FSL, 170' FEL, SE SE, Sec. 1,
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 43-013-34119.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

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

Operator: Newfield Production Company
Well Name & Number Jonah Federal T-1-9-16
API Number: 43-013-34119
Lease: UTU-44426

Surface Location: NE SE **Sec. 1** **T. 9 South** **R. 16 East**
Bottom Location: SE SE **Sec. 1** **T. 9 South** **R. 16 East**

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

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

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

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

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

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

RECEIVED

OCT 21 2008

BLM

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

5. Lease Serial No.
UTU-44426
6. If Indian, Allottee or Tribe Name
N/A

1a. Type of Work: DRILL REENTER
1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

7. If Unit or CA Agreement, Name and No.
Jonah Unit
8. Lease Name and Well No.
Jonah Federal T-1-9-16

2. Name of Operator
Newfield Production Company

9. API Well No.
43-013-34119

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

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

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface NE/SE 1969' FSL 646' FEL
At proposed prod. zone 1235' FSL 170' FEL

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 1, T9S R16E

14. Distance in miles and direction from nearest town or post office*
Approximatley 13.5 miles southwest of Myton, Utah

12. County or Parish
Duchesne
13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 170' f/lse, 4045' f/unit

16. No. of Acres in lease
394.07

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. 1586'

19. Proposed Depth
6145'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5406' 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:

- 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).
- 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 *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 9/18/08
Title Regulatory Specialist

Approved by (Signature) *Jess Kerzla* Name (Printed/Typed) Jess Kerzla Date MAR 11 2009
Title Assistant Field Manager Office VERNAL FIELD OFFICE
Lands & Mineral Resources

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) 7-8-08
NOS
AFMSS#08PRO947A

RECEIVED
2009 OCT 21 11 53
VERNAL FIELD OFFICE

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

11006M
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Newfield Production Company	Location:	NESE, Sec.1,T9S,R16E
Well No:	Jonah Federal T-1-9-16	Lease No:	UTU-44426
API No:	43-013-34119	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	
NRS/Enviro Scientist:	Lori Ford	(435) 781-4406	

Fax: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

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

SITE SPECIFIC CONDITIONS OF APPROVAL

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

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

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Forage Kochia	<i>Kochia prostrata</i>	0.20	1/2"
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

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

- **Final reclamation:**

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

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding should take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

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

SITE SPECIFIC DOWNHOLE COAs:

- Newfield Production Co. shall adhere to all referenced requirements in the SOP (version: June 24, 2008) along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person

making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

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

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

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-44426
---	--

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 (GRRV)
--	--

1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: JONAH FED T-1-9-16
------------------------------------	---

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013341190000
--	---

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
--	--	--

4. LOCATION OF WELL FOOTAGES AT SURFACE: 1969 FSL 0646 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 01 Township: 09.0S Range: 16.0E Meridian: S	COUNTY: DUCHESNE STATE: UTAH
---	---

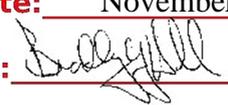
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/30/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:

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

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

Approved by the
 Utah Division of
 Oil, Gas and Mining

Date: November 03, 2009
 By: 

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A		DATE 10/30/2009



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013341190000

API: 43013341190000

Well Name: JONAH FED T-1-9-16

Location: 1969 FSL 0646 FEL QTR NESE SEC 01 TWNP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 11/5/2008

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

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

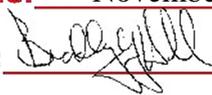
**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 10/30/2009

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

Date: November 03, 2009

By: 

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

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

5. Lease Serial No.
UTU-52013

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
GMBU

8. Lease Name and Well No.
JONAH T-1-9-16

9. AFI Well No.
43-013-34119

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **1969' FSL & 646' FEL (NE/SE) SEC. 1, T9S, R16E (UTU-52013)**
 At top prod. interval reported below **1389' FSL & 271' FEL (NE/SE) SEC. 1, T9S, R16E (UTU-52013)**
 At total depth **1077' FSL & 82' FEL (SE/SE) SEC. 1, T9S, R16E (UTU-44426)**

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and Survey or Area
SEC. 1, T9S, R16E

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

14. Date Spudded: 01/17/2010
 15. Date T.D. Reached: 01/23/2010
 16. Date Completed: 02/12/2010
 D & A Ready to Prod.

18. Total Depth: MD 6185' TVD 6080'
 19. Plug Back T.D.: MD 6053' TVD **5953**
 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 Cemen-ter Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	320'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	6155'		275 PRIMLITE		00'	
						400 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@ 5420'	TA @ 5321'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) GREEN RIVER			(A3) 5330-5336'	.36"	3	18
B) GREEN RIVER			(B2) 5123-5129'	.36"	3	18
C) GREEN RIVER			(D1 & D2) 4806-4875'	.36"	3	30
D) GREEN RIVER			(GB6) 4326-4336'	.36"	3	30

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

Depth Interval	Amount and Type of Material
5330-5336'	Frac w/ 20340#'s 20/40 sand in 171 bbls of Lightning 17 fluid. (A3)
5123-5129'	Frac w/ 29882#'s 20/40 sand in 254 bbls of Lightning 17 fluid. (B2)
4806-4875'	Frac w/ 90904#'s 20/40 sand in 543 bbls of Lightning 17 fluid. (D1 & D2)
4326-4336'	Frac w/ 47111#'s 20/40 sand in 299 bbls of Lightning 17 fluid. (GB6)

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
2-14-10	2-28-10	24	→	1.44	34	1.34			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	PRODUCING
			→						

28a. Production - Interval B

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

RECEIVED
MAR 29 2010

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

28b. Production - Interval C

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

28c. Production - Interval D

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

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

SOLD & USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

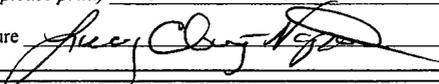
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	2768' 3972'
				GARDEN GULCH 2 POINT 3	4091' 4354'
				X MRKR Y MRKR	4611' 4649'
				DOUGALS CREEK MRK BI CARBONATE MRK	4775' 5025'
				B LIMESTON MRK CASTLE PEAK	5152' 5620'
				BASAL CARBONATE	6073'

32. Additional remarks (include plugging procedure):

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

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

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

Name (please print) Lucy Chavez-Naupoto Title Administrative Assistant
 Signature  Date 03/25/2010

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

NEWFIELD



NEWFIELD EXPLORATION

**USGS Myton SW (UT)
SECTION 1 T 9S, R16E
T-1-9-16**

Wellbore #1

Design: Wellbore #1

Standard Survey Report

25 January, 2010



HATHAWAYBURNHAM

Survey Report

Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well T-1-9-16
Project:	USGS Myton SW (UT)	TVD Reference:	WELL @ 5418.0ft (NEWFIELD RIG)
Site:	SECTION 1 T 9S, R16E	MD Reference:	WELL @ 5418.0ft (NEWFIELD RIG)
Well:	T-1-9-16	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	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 1 T 9S, R16E				
Site Position:		Northing:	7,199,000.00ft	Latitude:	40° 4' 27.544 N
From:	Lat/Long	Easting:	2,041,000.00ft	Longitude:	110° 4' 6.352 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.92 °

Well	T-1-9-16, SHL: LAT 40 03 28.78, LONG -110 03 38.35					
Well Position	+N/-S	0.0 ft	Northing:	7,193,089.78 ft	Latitude:	40° 3' 28.780 N
	+E/-W	0.0 ft	Easting:	2,043,272.06 ft	Longitude:	110° 3' 38.350 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,418.0 ft	Ground Level:	5,406.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	11.48	65.85	52,454

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	147.05	

Survey Program	Date 1/25/2010				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
424.0	6,184.0	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
424.0	0.46	324.39	424.0	1.4	-1.0	-1.7	0.11	0.11	0.00
455.0	0.46	315.33	455.0	1.6	-1.2	-1.9	0.23	0.00	-29.23
485.0	0.22	294.60	485.0	1.7	-1.3	-2.1	0.89	-0.80	-69.10
516.0	0.26	183.50	516.0	1.6	-1.3	-2.1	1.28	0.13	-358.39
546.0	0.70	152.59	546.0	1.4	-1.3	-1.9	1.65	1.47	-103.03
577.0	1.32	141.12	577.0	1.0	-1.0	-1.3	2.09	2.00	-37.00
607.0	1.78	145.45	607.0	0.3	-0.5	-0.5	1.58	1.53	14.43
638.0	2.40	147.89	638.0	-0.6	0.1	0.6	2.02	2.00	7.87
669.0	2.99	148.35	668.9	-1.9	0.9	2.1	1.90	1.90	1.48
699.0	3.52	149.97	698.9	-3.3	1.8	3.8	1.79	1.77	5.40
730.0	4.09	150.59	729.8	-5.1	2.8	5.8	1.84	1.84	2.00
761.0	4.68	149.20	760.7	-7.2	4.0	8.2	1.93	1.90	-4.48



HATHAWAYBURNHAM

Survey Report

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

Local Co-ordinate Reference: Well T-1-9-16
TVD Reference: WELL @ 5418.0ft (NEWFIELD RIG)
MD Reference: WELL @ 5418.0ft (NEWFIELD RIG)
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)
791.0	5.27	148.57	790.6	-9.4	5.3	10.8	1.98	1.97	-2.10
822.0	5.80	148.46	821.5	-12.0	6.9	13.8	1.71	1.71	-0.35
852.0	6.37	148.70	851.3	-14.7	8.6	17.0	1.90	1.90	0.80
882.0	6.77	148.41	881.1	-17.6	10.3	20.4	1.34	1.33	-0.97
915.0	7.03	148.66	913.9	-21.0	12.4	24.4	0.79	0.79	0.76
946.0	7.58	147.51	944.6	-24.3	14.5	28.3	1.84	1.77	-3.71
978.0	8.13	147.47	976.3	-28.0	16.9	32.7	1.72	1.72	-0.13
1,010.0	8.57	147.12	1,008.0	-31.9	19.4	37.3	1.38	1.38	-1.09
1,041.0	9.01	146.39	1,038.6	-35.9	22.0	42.1	1.46	1.42	-2.35
1,073.0	9.65	145.43	1,070.2	-40.2	24.9	47.2	2.06	2.00	-3.00
1,104.0	10.11	144.96	1,100.7	-44.5	27.9	52.6	1.51	1.48	-1.52
1,137.0	10.61	145.03	1,133.2	-49.4	31.3	58.5	1.52	1.52	0.21
1,168.0	10.99	144.81	1,163.6	-54.2	34.7	64.3	1.23	1.23	-0.71
1,200.0	11.38	144.30	1,195.0	-59.2	38.3	70.5	1.26	1.22	-1.59
1,232.0	11.73	144.46	1,226.4	-64.4	42.0	76.9	1.10	1.09	0.50
1,264.0	11.84	144.92	1,257.7	-69.8	45.8	83.4	0.45	0.34	1.44
1,359.0	11.99	145.37	1,350.6	-85.9	57.0	103.0	0.19	0.16	0.47
1,454.0	12.17	146.02	1,443.5	-102.3	68.2	122.9	0.24	0.19	0.68
1,549.0	12.15	146.68	1,536.4	-118.9	79.3	142.9	0.15	-0.02	0.69
1,644.0	11.93	146.13	1,629.3	-135.4	90.2	162.7	0.26	-0.23	-0.58
1,739.0	11.36	145.40	1,722.4	-151.3	101.0	181.9	0.62	-0.60	-0.77
1,834.0	10.50	147.73	1,815.6	-166.3	110.9	199.9	1.02	-0.91	2.45
1,929.0	10.79	150.17	1,909.0	-181.4	120.0	217.4	0.56	0.31	2.57
2,024.0	11.16	149.40	2,002.3	-197.0	129.1	235.5	0.42	0.39	-0.81
2,119.0	11.67	146.88	2,095.4	-212.9	139.0	254.3	0.75	0.54	-2.65
2,214.0	11.49	149.05	2,188.5	-229.1	149.1	273.4	0.50	-0.19	2.28
2,309.0	11.21	146.57	2,281.6	-244.9	159.1	292.1	0.59	-0.29	-2.61
2,405.0	11.10	145.73	2,375.8	-260.3	169.4	310.6	0.20	-0.11	-0.88
2,500.0	10.81	148.31	2,469.1	-275.5	179.3	328.7	0.60	-0.31	2.72
2,595.0	10.79	149.69	2,562.4	-290.7	188.4	346.5	0.27	-0.02	1.45
2,690.0	11.40	148.94	2,655.6	-306.5	197.8	364.7	0.66	0.64	-0.79
2,785.0	12.33	149.97	2,748.6	-323.3	207.7	384.2	1.00	0.98	1.08
2,880.0	13.16	153.58	2,841.2	-341.8	217.6	405.1	1.21	0.87	3.80
2,975.0	13.01	149.07	2,933.8	-360.6	227.9	426.6	1.09	-0.16	-4.75
3,070.0	12.61	145.69	3,026.4	-378.3	239.2	447.6	0.89	-0.42	-3.56
3,164.0	11.21	141.05	3,118.4	-393.9	250.8	467.0	1.80	-1.49	-4.94
3,258.0	12.08	140.77	3,210.4	-408.7	262.7	485.8	0.93	0.93	-0.30
3,354.0	11.78	141.40	3,304.4	-424.1	275.2	505.6	0.34	-0.31	0.66
3,449.0	11.31	140.63	3,397.4	-438.9	287.1	524.5	0.52	-0.49	-0.81
3,544.0	11.36	143.80	3,490.6	-453.6	298.6	543.1	0.66	0.05	3.34
3,639.0	11.21	146.02	3,583.8	-468.8	309.3	561.6	0.48	-0.16	2.34
3,735.0	10.52	148.44	3,678.0	-484.0	319.1	579.7	0.86	-0.72	2.52
3,830.0	10.55	150.48	3,771.4	-499.0	327.9	597.1	0.39	0.03	2.15
3,925.0	11.14	150.96	3,864.7	-514.6	336.6	614.9	0.63	0.62	0.51
4,020.0	11.49	147.01	3,957.9	-530.6	346.2	633.5	0.89	0.37	-4.16
4,114.0	11.87	150.44	4,049.9	-546.8	356.1	652.5	0.84	0.40	3.65
4,210.0	11.62	150.92	4,143.9	-563.9	365.7	672.0	0.28	-0.26	0.50
4,305.0	11.40	150.83	4,237.0	-580.4	374.9	691.0	0.23	-0.23	-0.09
4,400.0	11.23	148.63	4,330.2	-596.5	384.3	709.6	0.49	-0.18	-2.32
4,495.0	11.03	147.38	4,423.4	-612.1	394.0	727.9	0.33	-0.21	-1.32
4,590.0	11.34	148.17	4,516.6	-627.6	403.8	746.3	0.36	0.33	0.83
4,685.0	11.45	146.94	4,609.7	-643.5	413.9	765.1	0.28	0.12	-1.29
4,780.0	11.05	146.24	4,702.9	-659.0	424.1	783.6	0.44	-0.42	-0.74
4,875.0	11.58	145.21	4,796.0	-674.4	434.6	802.3	0.60	0.56	-1.08



HATHAWAYBURNHAM

Survey Report

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

Local Co-ordinate Reference: Well T-1-9-16
TVD Reference: WELL @ 5418.0ft (NEWFIELD RIG)
MD Reference: WELL @ 5418.0ft (NEWFIELD RIG)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,969.0	11.00	145.00	4,888.2	-689.5	445.1	820.7	0.62	-0.62	-0.22
5,065.0	10.44	148.22	4,982.5	-704.3	455.0	838.5	0.85	-0.58	3.35
5,161.0	10.55	149.53	5,076.9	-719.3	464.0	856.0	0.27	0.11	1.36
5,256.0	10.85	147.34	5,170.3	-734.3	473.2	873.6	0.53	0.32	-2.31
5,351.0	10.68	149.23	5,263.6	-749.4	482.6	891.4	0.41	-0.18	1.99
5,446.0	11.38	149.60	5,356.9	-765.1	491.8	909.5	0.74	0.74	0.39
5,540.0	11.45	149.71	5,449.0	-781.1	501.2	928.1	0.08	0.07	0.12
5,635.0	11.32	148.61	5,542.1	-797.2	510.8	946.8	0.27	-0.14	-1.16
5,730.0	11.62	148.55	5,635.2	-813.4	520.7	965.7	0.32	0.32	-0.06
5,825.0	11.36	150.37	5,728.3	-829.7	530.3	984.6	0.47	-0.27	1.92
5,920.0	11.23	150.31	5,821.5	-845.8	539.5	1,003.2	0.14	-0.14	-0.06
6,015.0	11.69	150.81	5,914.6	-862.3	548.8	1,022.0	0.50	0.48	0.53
6,136.0	11.49	153.49	6,033.1	-883.7	560.1	1,046.3	0.47	-0.17	2.21
6,184.0	11.25	153.62	6,080.2	-892.2	564.4	1,055.7	0.50	-0.50	0.27

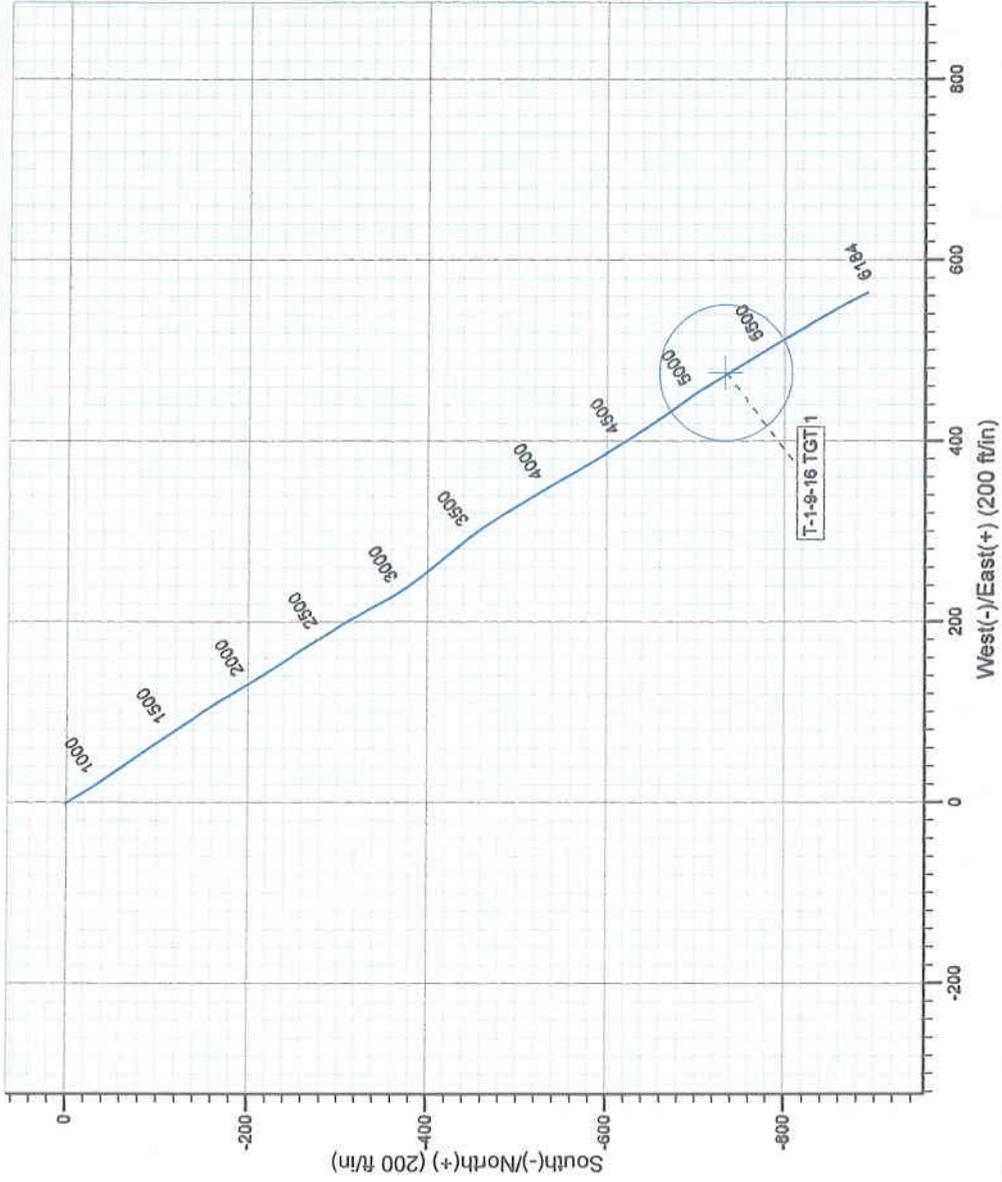
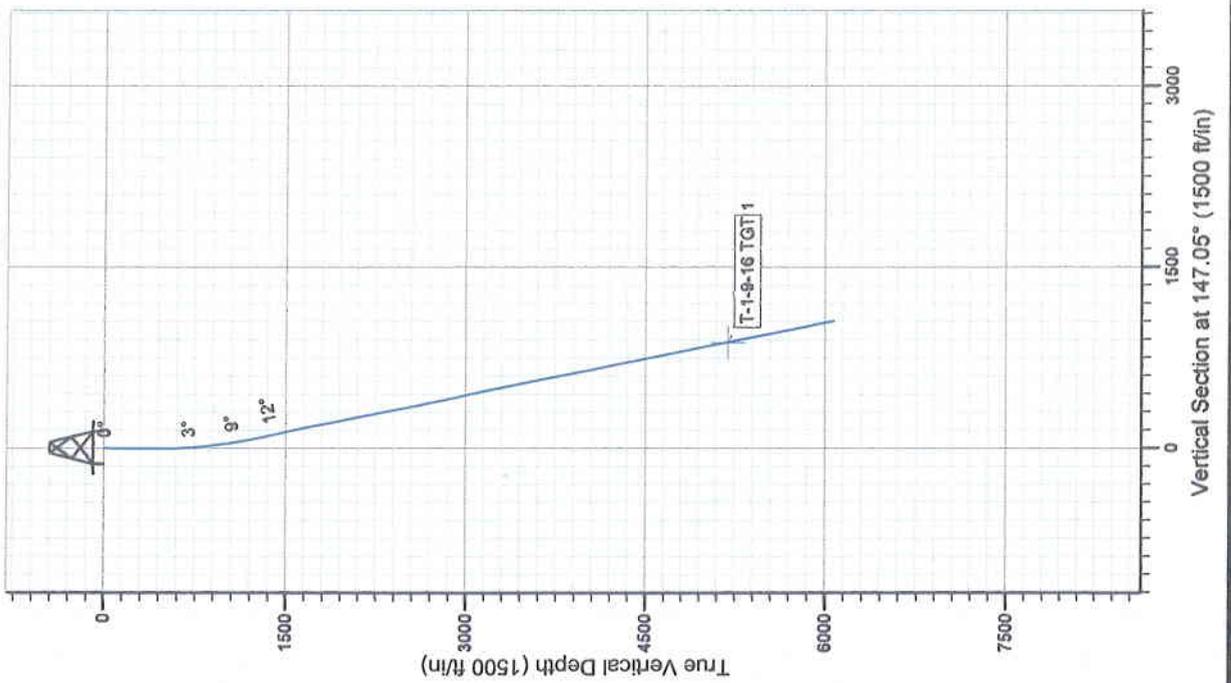
Checked By: _____ Approved By: _____ Date: _____



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

FINAL SURVEY REPORT

Azimuths to True North
 Magnetic North: 11.48°
 Magnetic Field
 Strength: 52453.9snT
 Dip Angle: 65.85°
 Date: 12/31/2009
 Model: IGRF200510



Design: Wellbore #1 (T-1-9-16/Wellbore #1)

Created By: *Jim Hudson* Date: 10:10, January 25 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE
 AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

JONAH T-1-9-16**11/1/2009 To 3/28/2010****JONAH T-1-9-16****Waiting on Cement****Date:** 1/13/2010

Ross #29 at 320. Days Since Spud - 319.68' KB Drill mouse and rat hole. - On 1/7/2010 MIRU Ross # 29 Spud @ 9:00AM Drill to 320' P/U and run 7jts of 8 5/8" surface csg set @ - Notify BLM and state of Spud by email - On 1/13/2010 Cement W/ BJ 160sks class "G" W/ 2%cal chloride

Daily Cost: \$0**Cumulative Cost:** \$31,159**JONAH T-1-9-16****Rigging Up****Date:** 1/17/2010

NDSI #2 at 320. 0 Days Since Spud - Rig Down Prepair For Move To Jonah Federal T-1-9-16

Daily Cost: \$0**Cumulative Cost:** \$38,121**JONAH T-1-9-16****Drill 7 7/8" hole with fresh water****Date:** 1/19/2010

NDSI #2 at 1216. 1 Days Since Spud - P/U Kelly & Rotating Head - Pickup BHA & Directional Tools ,Scribe Tools - Test 8 5/8" Casing For 30 Mins Every Thing Tested OK. - R/U B&C Quick Test, Test Upper Kelly Valve,Pipe, Blind Rams,Choke Manifold To 2000 psi For 10 Mins - 1/18/10 MIRU NDSI #2 Set Surface Equipment - Trip Out Change Out Mud Motor, Bit Plugged With Rubber.P/U New Motor Scribe Tools Trip In Hole - Drill Cement,Float & Shoe - No H2s Reported Last 24 Hrs - No Flow @ 1216' - Boiler 15 Hrs - Drill 7 7/8" Hole With Fresh Water To Depth Of 1216'

Daily Cost: \$0**Cumulative Cost:** \$88,545**JONAH T-1-9-16****Drill 7 7/8" hole with fresh water****Date:** 1/20/2010

NDSI #2 at 3497. 2 Days Since Spud - Boiler 24 Hrs - Well Flowing 2 gal/min @3116' - Drill 7 7/8" Hole With Fresh Water To Depth Of 3397' - Rig Service. (Change Low Drum Chain) - Drill 7 7/8" Hole With Fresh Water To Depth Of 2230' - No H2s Reported Last 24 Hrs

Daily Cost: \$0**Cumulative Cost:** \$107,564**JONAH T-1-9-16****Drill 7 7/8" hole with fresh water****Date:** 1/21/2010

NDSI #2 at 4732. 3 Days Since Spud - Boiler 24 Hrs - No H2s Reported Last 24 Hrs. - Well Flowing 2 gal/min @ 4606' - Drill 7 7/8" Hole With Fresh Water To Depth Of 3972' - Rig Service - Drill 7 7/8" Hole With Fresh Water To Depth Of 4732'

Daily Cost: \$0**Cumulative Cost:** \$126,583**JONAH T-1-9-16****Drill 7 7/8" hole with fresh water****Date:** 1/22/2010

NDSI #2 at 5303. 4 Days Since Spud - Rig Service, Ckeck Crown-A-Matic & Function Test Bop's - Drill 7 7/8" Hole With Fresh Water To Depth Of 5049' - Drill 7 7/8" Hole With Fresh Water To Depth Of 5271' - Trip Out For Bit & Motor - P/U New Bit & Motor, Scribe Directional Tools, Trip In Hole - Drill 7 7/8" Hole With Fresh Water To Depth Of 5303' - No Flow @ 5271' - Boiler 24 Hrs - No H2s Reported Last 24 Hrs

Daily Cost: \$0

Cumulative Cost: \$174,618

JONAH T-1-9-16

Wait on Completion

Date: 1/23/2010

NDSI #2 at 6185. 6 Days Since Spud - Drill 7 7/8" Hole With Fresh Water To Depth Of 5652' - Rig Service, Check-A-Matic, Function Test Bop's, - Drill 7 7/8" Hole With Fresh Water To Depth Of 6185' TD.(TD Well @ 12:30 AM) - Circ Hole For Laydown & Logging - LDDP To 4,000' - Pump 260 BBLS 10# Brine - LDDP & BHA - No H2s Reported Last 24 Hrs. - Boiler 24 Hrs - LDDP & BHA - R/U Phoenix Surveys Log Well With DISGL/SP/GR Suite: TD TO Surface Csg. DSN/SDL/GR/CAL Suite: TD To - 3,000' Loggers TD 6165' - R/U B & C Quick Test, Test 5 1/2 Csg Rams To 2,000 psi For 10 Mins. Tested Ok - R/U Marcus Liddells Casing Crew, Run 165 Jts 5.5, 15.5#, J-55, LT&C, Shoe Set @ 6154.56', Float Set - @ 6114.71'. Transferred 3 Jts To Jonah Federal M-14-9-16. 110.12' - Circulate 5 1/2" Casing - R/U BJ Cement Casing With 275 sk PL II+3%KCL+5#CF+2#KOL+.5SMS+FP+SF Mixed @ 11.0 ppg With 3.54.Yield - Then Pumped 400 sk 50:50:2+3%KCL+0.5%EC-1+.25#SF+.3SMS+FP-6L Mixed @ 14.4 ppg With 1.24 yield - 1850 psi To Bump Plug - Nipple Down Bop's Set Slips With 85,000# Tension - Cleaned Mud Pits - Released Rig @ 10:30 PM 1/23/10 - No H2s Reported Last 16.5 Hrs - Boiler 16.5 Hrs - Drill 7 7/8" Hole With Fresh Water To Depth Of 5652' - Rig Service, Check-A-Matic, Function Test Bop's, - Drill 7 7/8" Hole With Fresh Water To Depth Of 6185' TD.(TD Well @ 12:30 AM) - Circ Hole For Laydown & Logging - LDDP To 4,000' - Pump 260 BBLS 10# Brine - LDDP & BHA - No H2s Reported Last 24 Hrs. - Boiler 24 Hrs - LDDP & BHA - R/U Phoenix Surveys Log Well With DISGL/SP/GR Suite: TD TO Surface Csg. DSN/SDL/GR/CAL Suite: TD To - 3,000' Loggers TD 6165' - R/U B & C Quick Test, Test 5 1/2 Csg Rams To 2,000 psi For 10 Mins. Tested Ok - R/U Marcus Liddells Casing Crew, Run 165 Jts 5.5, 15.5#, J-55, LT&C, Shoe Set @ 6154.56', Float Set - @ 6114.71'. Transferred 3 Jts To Jonah Federal M-14-9-16. 110.12' - Circulate 5 1/2" Casing - R/U BJ Cement Casing With 275 sk PL II+3% KCL+5#CF+2#KOL+.5SMS+FP+SF Mixed @ 11.0 ppg With 3.54.Yield - Then Pumped 400 sk 50:50:2+3%KCL+0.5%EC-1+.25#SF+.3SMS+FP-6L Mixed @ 14.4 ppg With 1.24 yield - 1850 psi To Bump Plug - Nipple Down Bop's Set Slips With 85,000# Tension - Cleaned Mud Pits - Released Rig @ 10:30 PM 1/23/10 - No H2s Reported Last 16.5 Hrs - Boiler 16.5 Hrs

Finalized

Daily Cost: \$0

Cumulative Cost: \$328,245

Pertinent Files: Go to File List