

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER GMBU 8-14T-9-16				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT MONUMENT BUTTE				
4. TYPE OF WELL Test Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-096550			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		1978 FNL 731 FEL		SENE	14	9.0 S	16.0 E	S		
Top of Uppermost Producing Zone		1978 FNL 731 FEL		SENE	14	9.0 S	16.0 E	S		
At Total Depth		1978 FNL 731 FEL		SENE	14	9.0 S	16.0 E	S		
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 731			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1320			26. PROPOSED DEPTH MD: 1200 TVD: 1200				
27. ELEVATION - GROUND LEVEL 5612			28. BOND NUMBER WYB000493			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 80	24.0	J-55 ST&C	8.3	Class G	32	1.17	15.8
PROD	7.875	5.5	0 - 1200	15.5	J-55 LT&C	8.3	50/50 Poz	193	1.24	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Mandie Crozier				TITLE Regulatory Tech			PHONE 435 646-4825			
SIGNATURE				DATE 07/08/2011			EMAIL mcrozier@newfield.com			
API NUMBER ASSIGNED 43013508800000				APPROVAL			 Permit Manager			

**Newfield Production Company
GMBU 8-14T-9-16
SE/NE Section 14, T9S, R16E
Duchesne County, UT**

Drilling Program

1. Formation Tops

Uinta	surface
TD	1,200'
Green River	1,450'

2. Depth to Oil, Gas, Water, or Minerals

No hydrocarbon encounters expected

Fresh water may be encountered in the Uinta Formation, but is not expected below about 500'.

3. Pressure Control

<u>Section</u>	<u>BOP Description</u>
Surface Csg	12-1/4" diverter
Monitor Csg	12-1/4" diverter

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Surface Csg 8 5/8	0'	80'	24	J-55	STC	8.33	8.33	10	2,950	1,370	244,000
									80.69	53.83	127.08
Monitor Csg 5 1/2	0'	1,200'	15.5	J-55	LTC	8.33	8.33	--	4,810	4,040	217,000
									12.03	10.11	11.67

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Monitor casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield (ft ³ /sk)
				sacks			
Surface Csg	12 1/4	80'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	38	15%	15.8	1.17
				32			
Monitor Csg	7 7/8	1,200'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	239	15%	14.3	1.24
				193			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the monitor casing string will be calculated from an open hole caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium

Interval

Description

Surface - 80'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. A diverter bowl will be used in place of a rotating head. Water will be on location to be used as kill fluid, if necessary.

80' - TD

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. A diverter bowl will be used in place of a rotating head. Water will be on location to be used as kill fluid, if necessary.

Anticipated maximum mud weight is 8.3 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBSD to the cement top behind the monitor casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.43 psi/ft gradient.

$$1,200' \times 0.43 \text{ psi/ft} = 519.8 \text{ psi}$$

No abnormal temperature is expected. No H₂S is expected.

9. Other Aspects

This is planned as a vertical well.

Proposed

GMBU 8-14T-9-16

Test Wellbore Diagram

Spud Date: TBD
 Put on Production: TBD
 Put on Injection: TBD
 GL: ?????' **KB: 3'**

SURFACE CASING

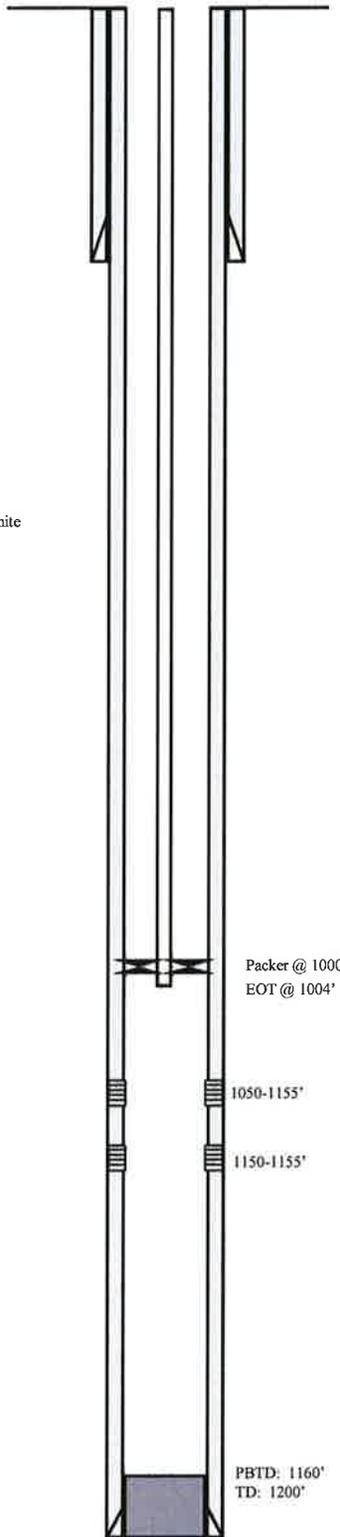
CSG SIZE: 8-5/8"
 GRADE: J-55 8rd ST&C
 WEIGHT: 24#
 LENGTH: 2 jts. (80')
 DEPTH LANDED: 80'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 32 sks Class G w/ 2% KCl

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55 8rd LT&C
 WEIGHT: 15.5#
 LENGTH: 1200 jts.
 DEPTH LANDED: 1200' **KB**
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 193 sks 50/50 Poz/Class G w/ 3% KCl + 2% bentonite

TUBING

SIZE/GRADE/WT.: 2-7/8" - J-55 6.5#
 NO. OF JOINTS: ??? jts
 LENGTH: 1000'
 CE @ 1000'
 TOTAL STRING LENGTH: 1004'



PERFORATION PROPOSAL

1050-1055'	2 JSPF	10 holes
1150-1155'	2 JSPF	10 holes

NEWFIELD

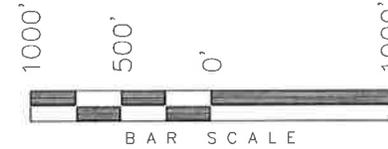
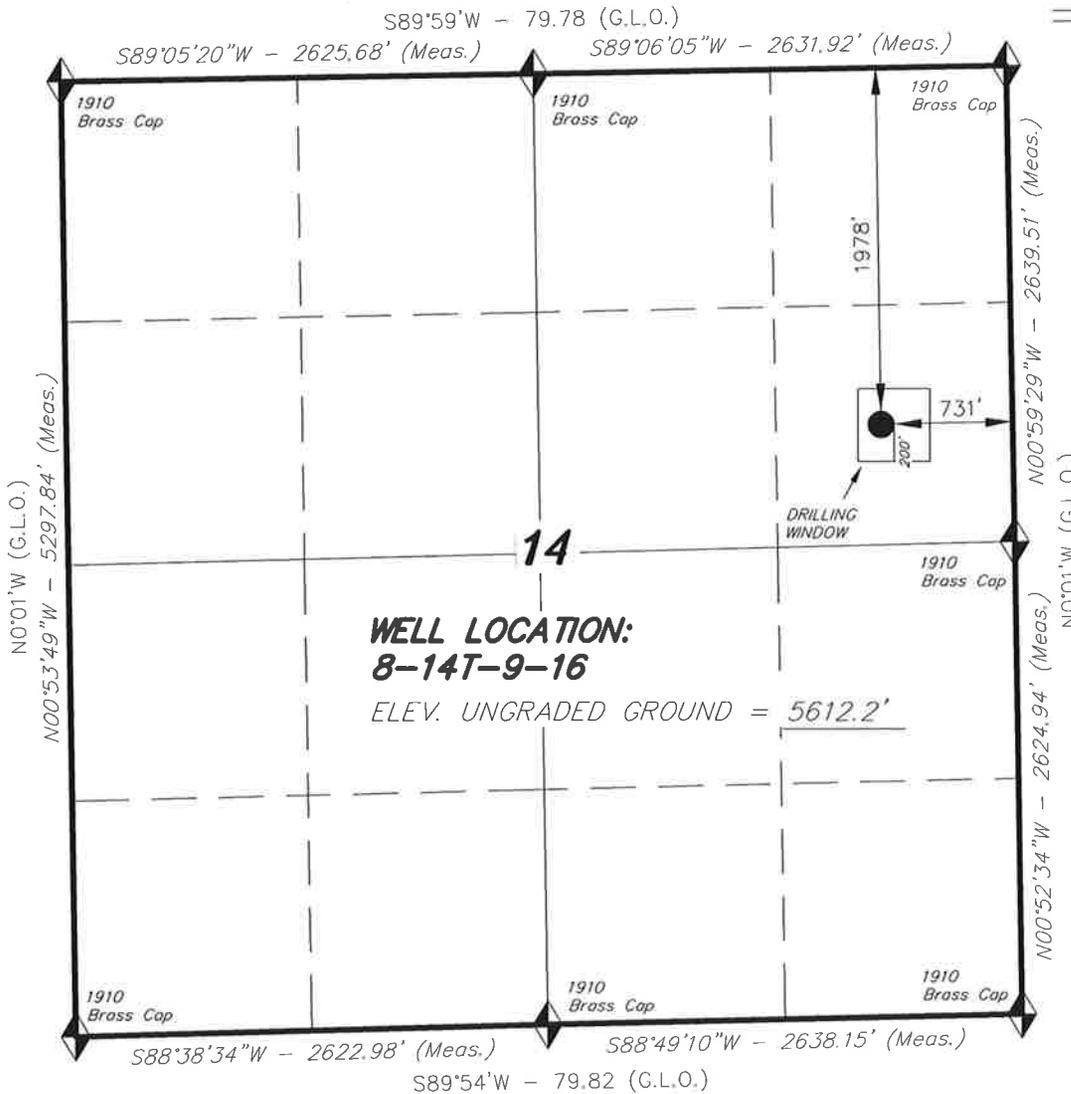
GMBU 8-14T-9-16

1978' FNL 731' FWL
 Section 14-T9S-R16E
 Duchesne Co, Utah
 Lease UTU-096550

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

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 8-14T-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.

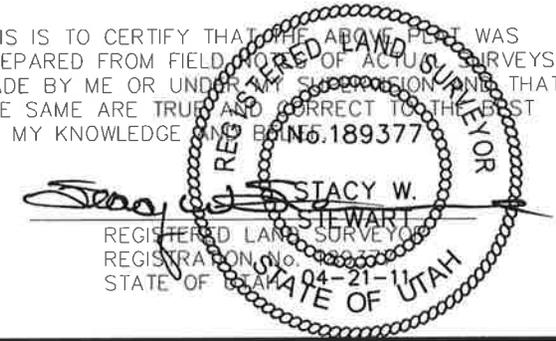


NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

**WELL LOCATION:
8-14T-9-16**
ELEV. UNGRADED GROUND = 5612.2'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. 189377



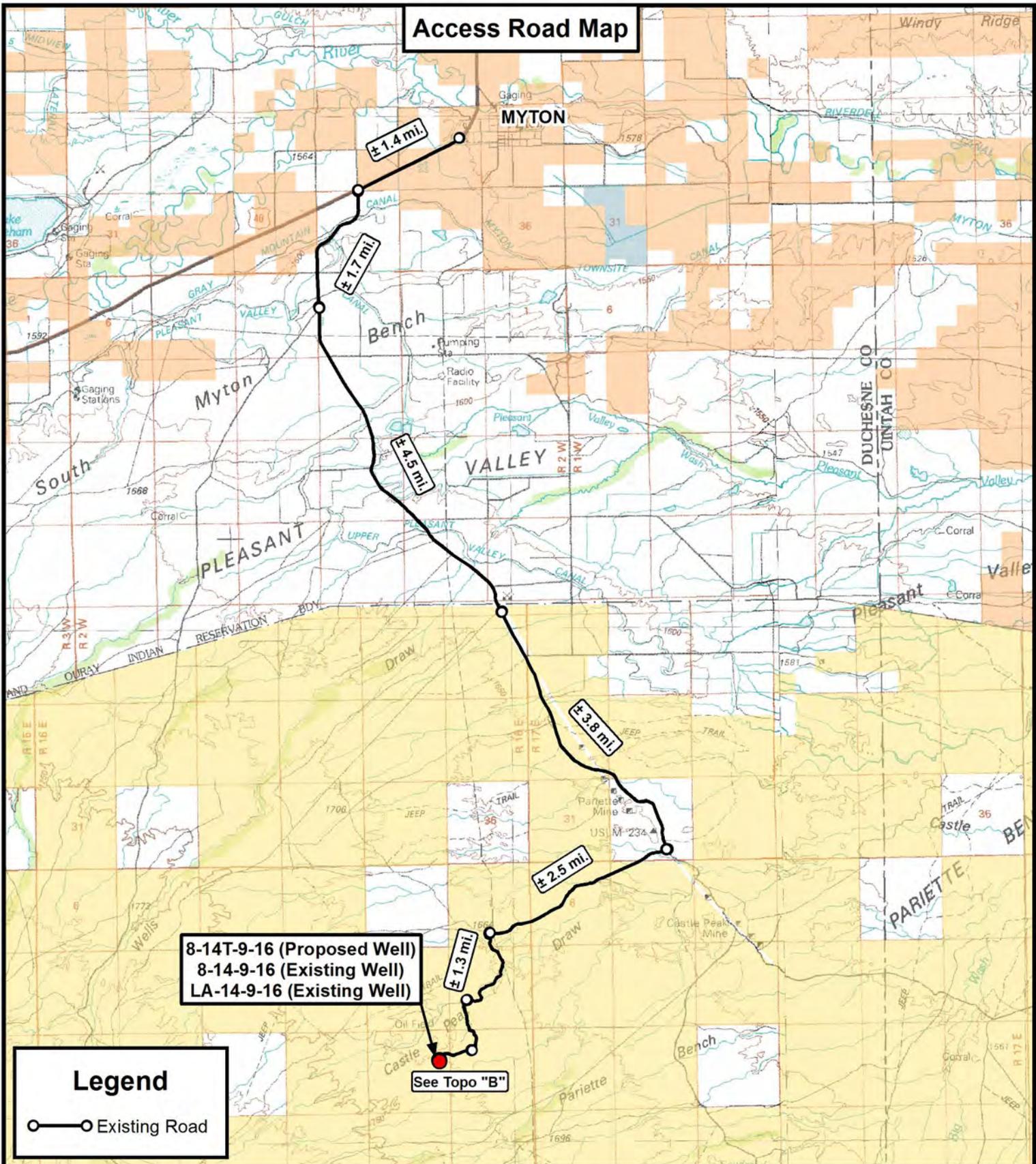
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

8-14T-9-16
(Surface Location) NAD 83
LATITUDE = 40° 01' 57.60"
LONGITUDE = 110° 04' 47.38"

TRI STATE LAND SURVEYING & CONSULTING 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501		
DATE SURVEYED: 03-11-11	SURVEYED BY: C.M.	VERSION:
DATE DRAWN: 04-21-11	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	

Access Road Map



8-14T-9-16 (Proposed Well)
 8-14-9-16 (Existing Well)
 LA-14-9-16 (Existing Well)

See Topo "B"

Legend

○—○ Existing Road

Tri State Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
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 F: (435) 781-2518



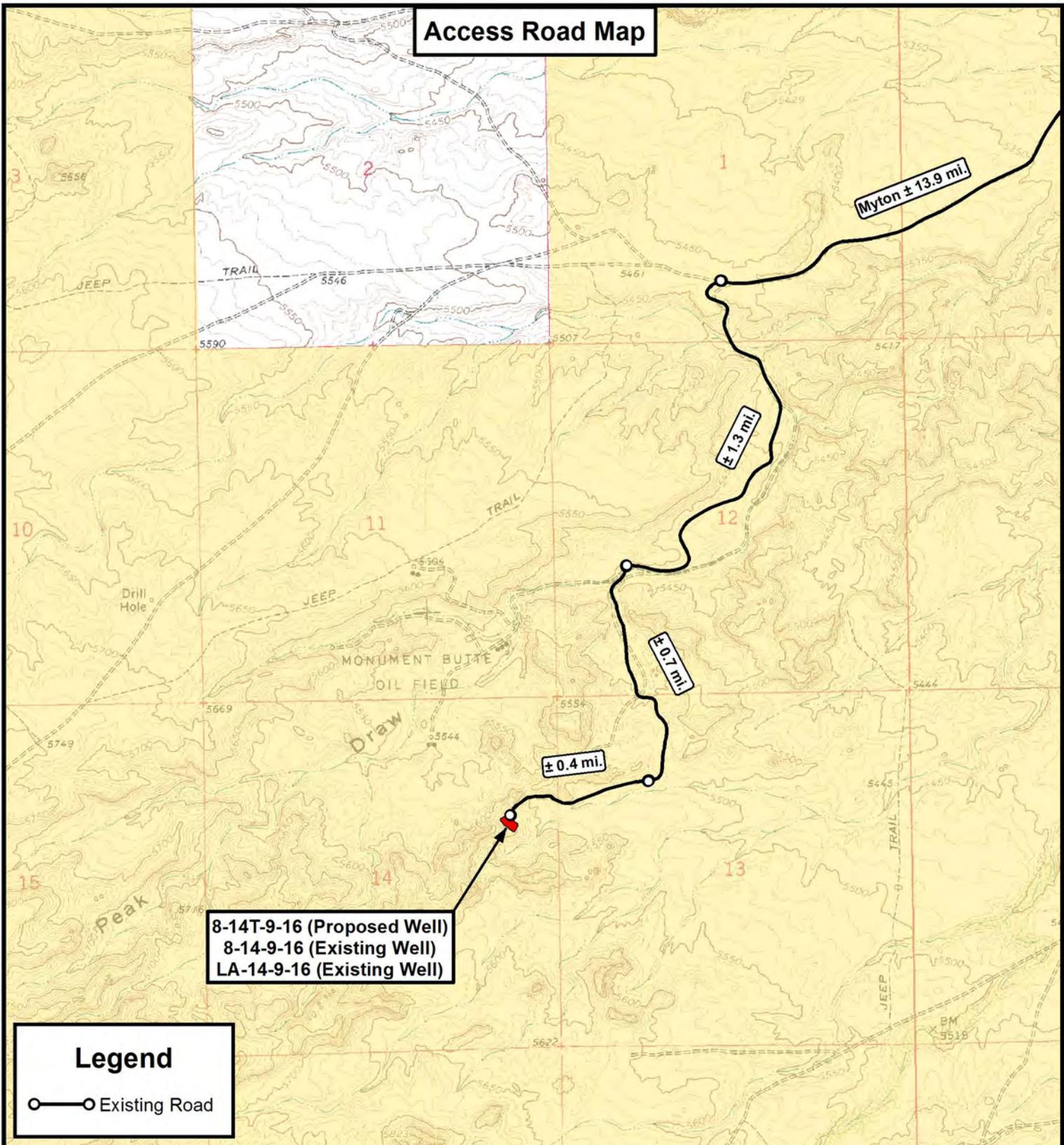
NEWFIELD EXPLORATION COMPANY
 8-14T-9-16 (Proposed Well)
 8-14-9-16 (Existing Well)
 LA-14-9-16 (Existing Well)
 SEC. 14, T9S, R16E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	07-11-2011	VERSION:
DATE:	04-21-2011			V1
SCALE:	1:100,000			

TOPOGRAPHIC MAP

SHEET
A

Access Road Map



8-14T-9-16 (Proposed Well)
 8-14-9-16 (Existing Well)
 LA-14-9-16 (Existing Well)

Legend

○—○ Existing Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

Tri State Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
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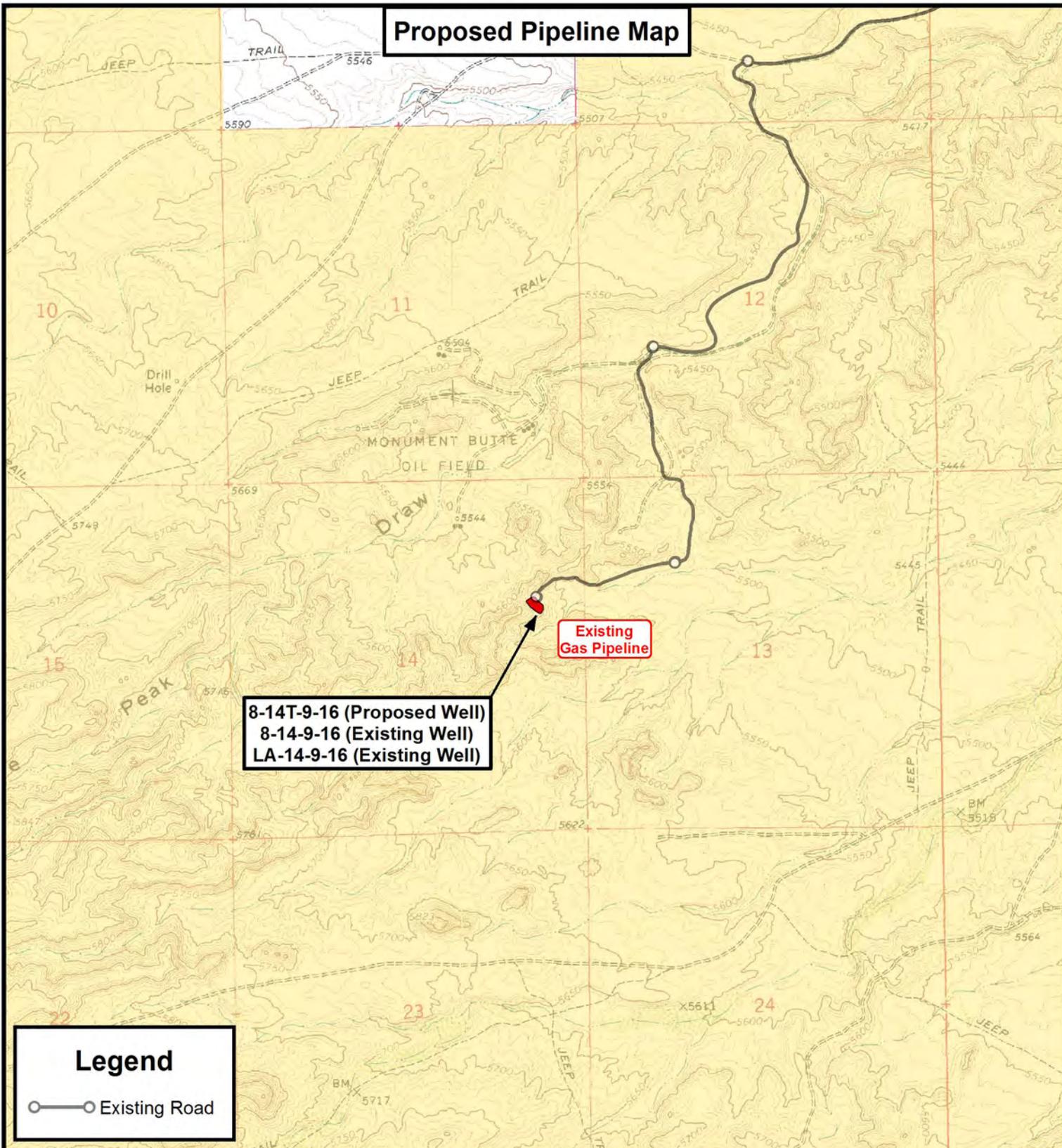
NEWFIELD EXPLORATION COMPANY
 8-14T-9-16 (Proposed Well)
 8-14-9-16 (Existing Well)
 LA-14-9-16 (Existing Well)
 SEC. 14, T9S, R16E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	07-11-2011	VERSION:
DATE:	04-21-2011			V1
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
B

Proposed Pipeline Map



8-14T-9-16 (Proposed Well)
 8-14-9-16 (Existing Well)
 LA-14-9-16 (Existing Well)

Existing Gas Pipeline

Legend

○—○ Existing Road

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 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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NEWFIELD EXPLORATION COMPANY

8-14T-9-16 (Proposed Well)
 8-14-9-16 (Existing Well)
 LA-14-9-16 (Existing Well)
 SEC. 14, T9S, R16E, S.L.B.&M. Duchesne County, UT.

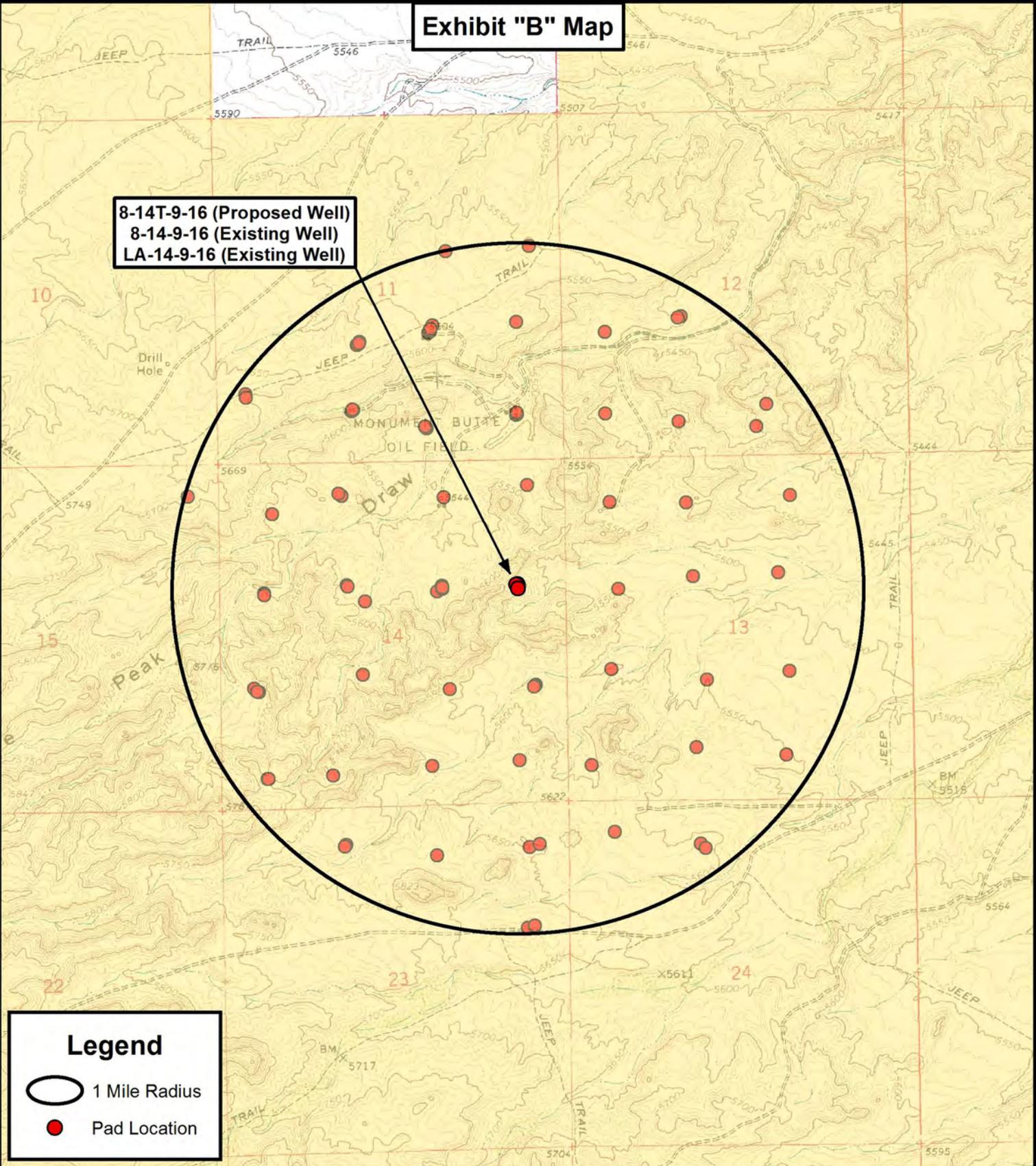
DRAWN BY:	C.H.M.	REVISED:	07-11-2011	VERSION:
DATE:	04-21-2011			V1
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
C

Exhibit "B" Map

8-14T-9-16 (Proposed Well)
8-14-9-16 (Existing Well)
LA-14-9-16 (Existing Well)



Legend

- 1 Mile Radius
- Pad Location



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

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY
8-14T-9-16 (Proposed Well)
8-14-9-16 (Existing Well)
LA-14-9-16 (Existing Well)
SEC. 14, T9S, R16E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	C.H.M.	REVISED:	07-11-2011	VERSION:
DATE:	04-21-2011			V1
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET
D

**NEWFIELD PRODUCTION COMPANY
GMBU 8-14T-9-16
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 GMBU 8-14T-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 - 10.0 miles \pm to its junction with an existing dirt road to the southwest; proceed southwesterly -4.9 miles \pm to the existing 8-14-9-16 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed Monitor Well will be drilled off of the existing 8-14-9-16 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

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

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

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

- a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

- b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

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

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. State of Utah Antiquities Project Permit #U-07-MQ-1251b,s 10/23/07, prepared by Montgomery Archaeological Consultants. Paleontological Resource Survey prepared by, Wade E. Miller, 10/30/07. See attached report cover pages, Exhibit "D".

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw 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, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Details of the On-Site Inspection

The proposed GMBU 8-14T-9-16 was on-sited on 4/26/11. The following were present; Tim Eaton (Newfield Production) and Janna Simonsen (Bureau of Land Management).

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU 8-14T-9-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU 8-14T-9-16, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

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

Name: Tim Eaton
Address: Newfield Production Company
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 #8-14T-9-16, 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 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 the 18 U.S.C. 1001 for the filing of a false statement.

7/6/11
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD EXPLORATION COMPANY

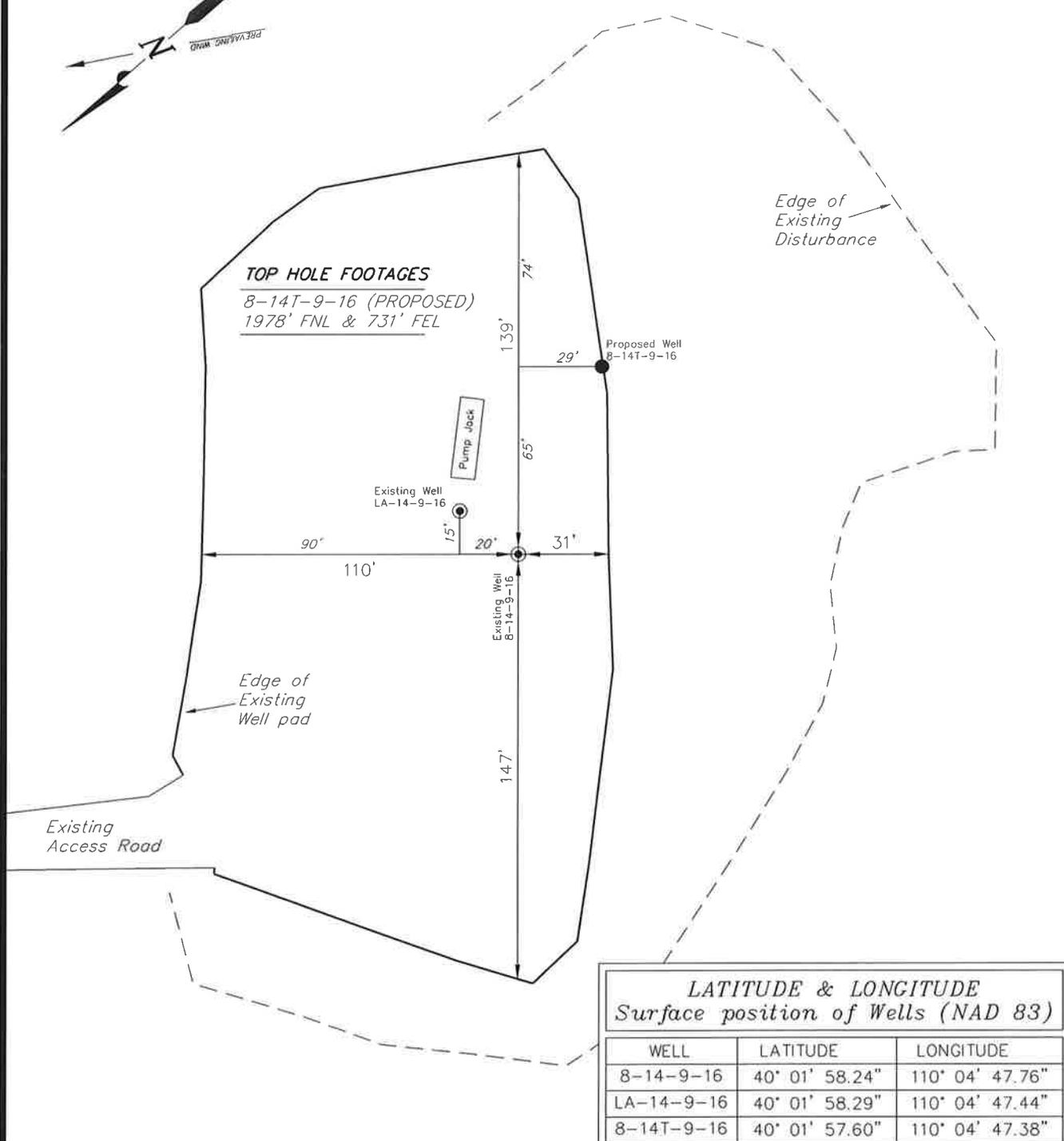
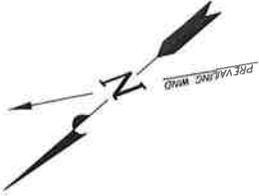
WELL PAD INTERFERENCE PLAT

8-14T-9-16 (Proposed Well)

8-14-9-16 (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"
8-14T-9-16	40° 01' 57.60"	110° 04' 47.38"

SURVEYED BY: C.M.	DATE SURVEYED: 03-11-11	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 04-21-11	V1
SCALE: 1" = 50'	REVISED:	

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

NEWFIELD EXPLORATION COMPANY

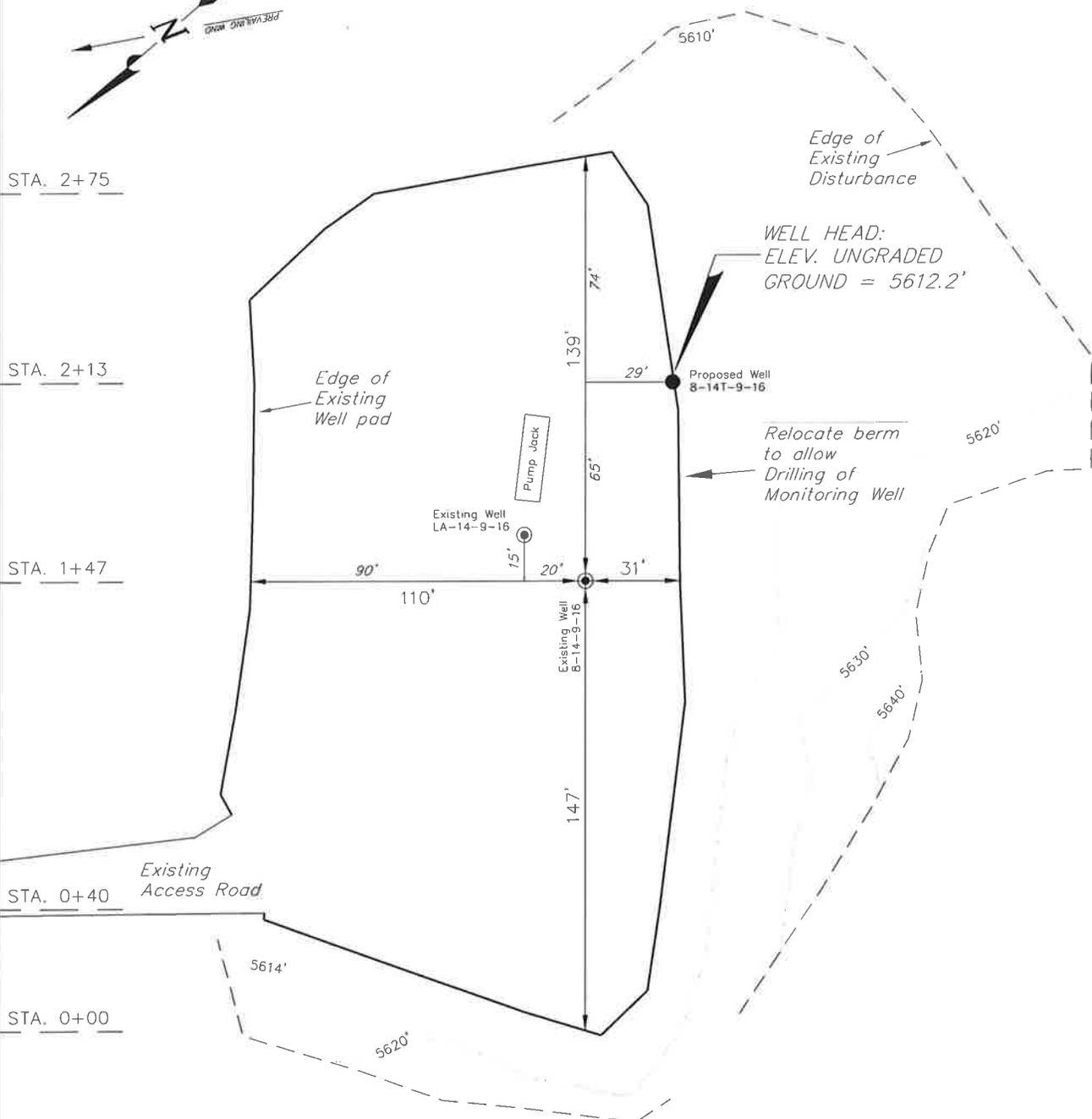
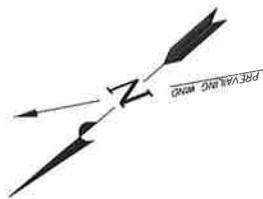
LOCATION LAYOUT

8-14T-9-16 (Proposed Well)

8-14-9-16 (Existing Well)

LA-14-9-16 (Existing Well)

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



SURVEYED BY: C.M.	DATE SURVEYED: 03-11-11	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 04-21-11	V1
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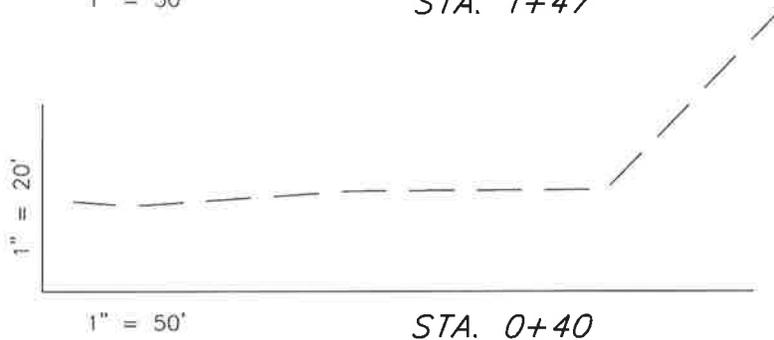
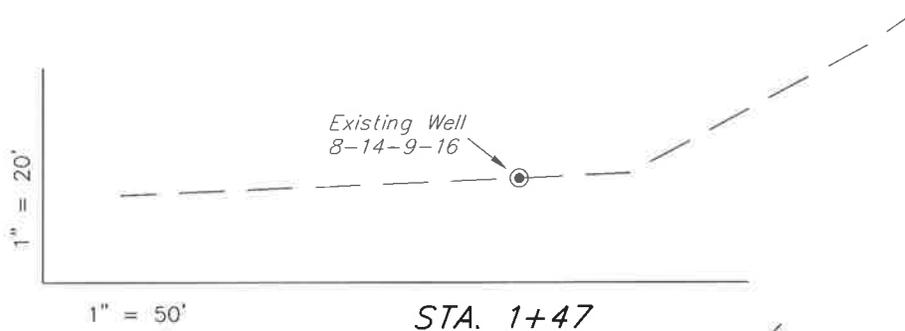
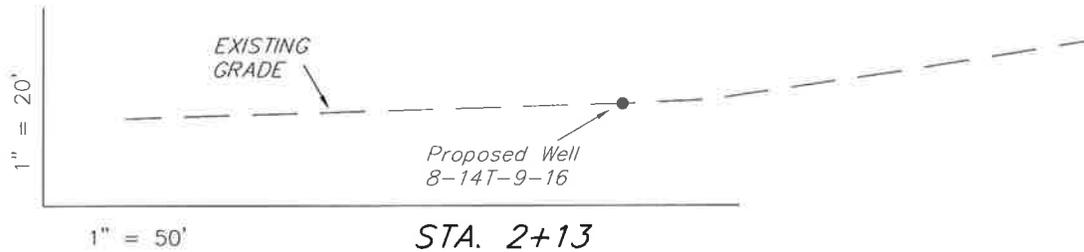
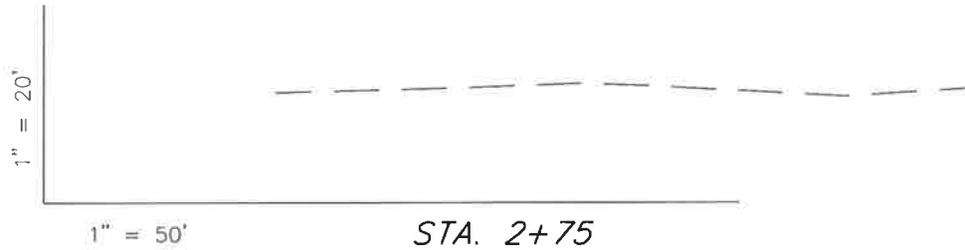
CROSS SECTIONS

8-14T-9-16 (Proposed Well)

8-14-9-16 (Existing Well)

LA-14-9-16 (Existing Well)

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



"NO EARTHWORK QUANTITIES CALCULATED"

SURVEYED BY: C.M.	DATE SURVEYED: 03-11-11	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 04-21-11	V1
SCALE: 1" = 50'	REVISED:	

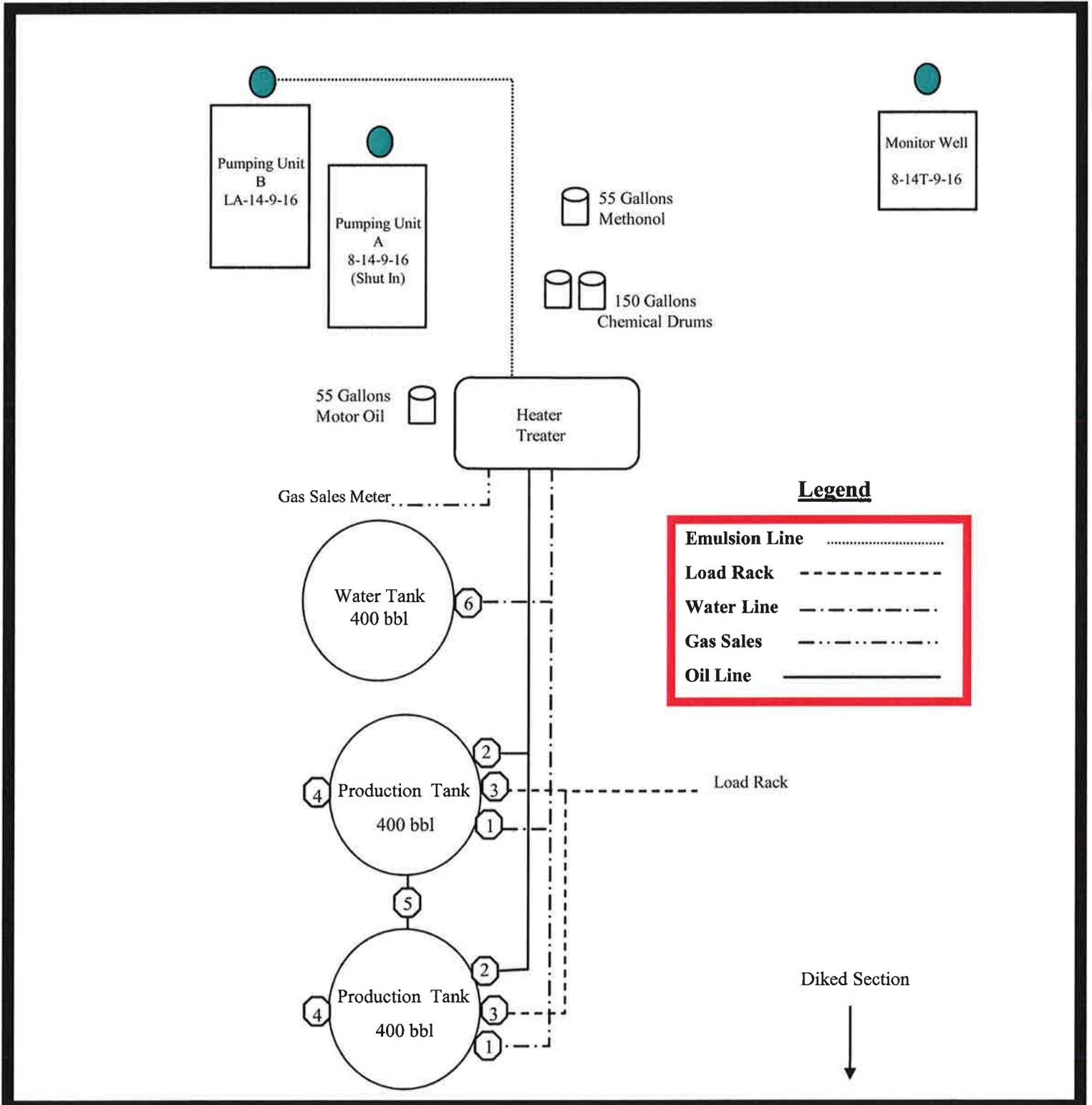
Tri State
Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

(435) 781-2501

Newfield Production Company Proposed Site Facility Diagram

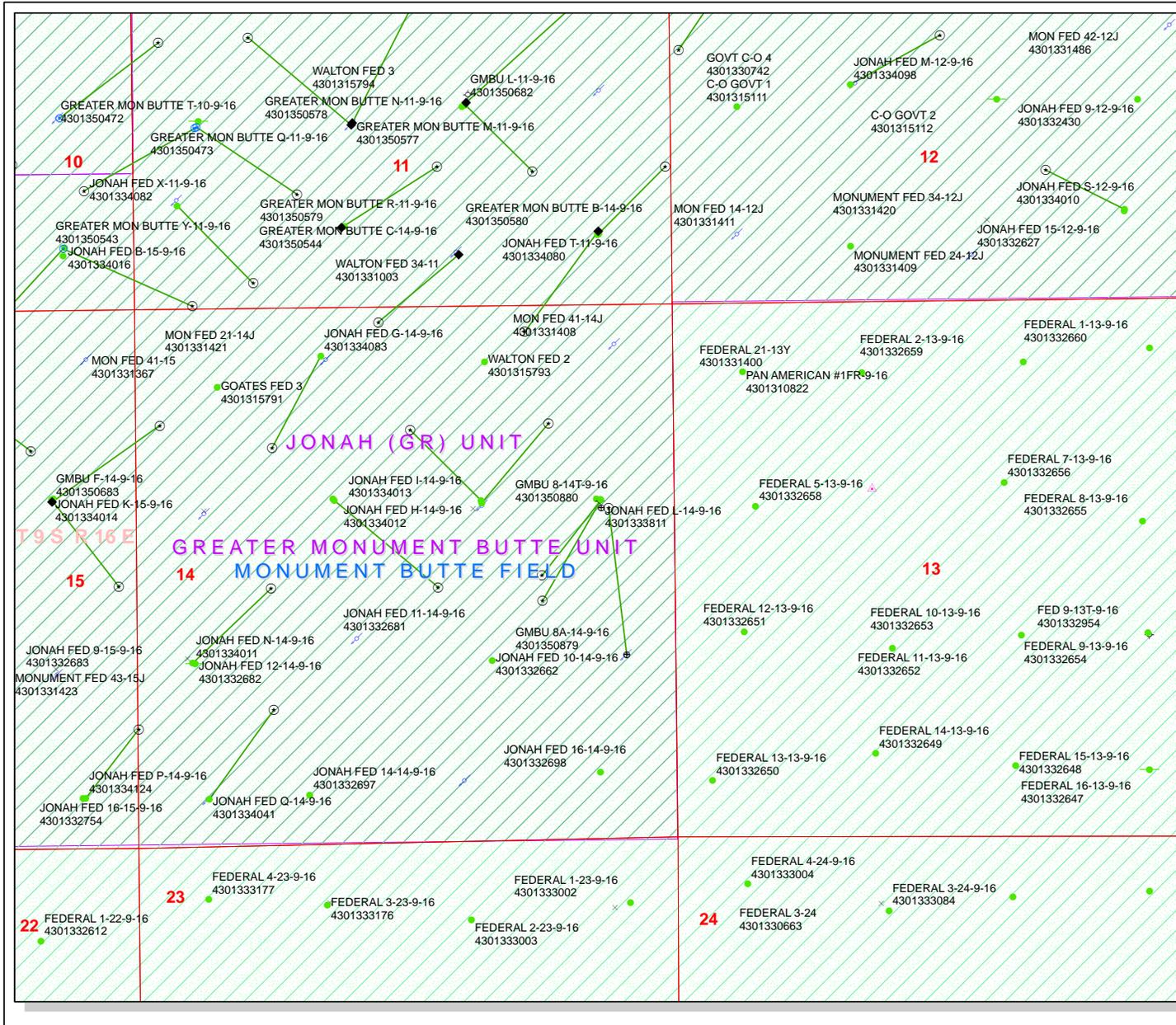
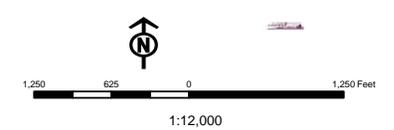
GMBU 8-14T-9-16
From the 8-14-9-16 Location
SE/NE Sec. 14, T9S, R16E
Duchesne County, Utah
UTU-096550



API Number: 4301350880
Well Name: GMBU 8-14T-9-16
 Township T0.9 . Range R1.6 . Section 14
Meridian: SLBM
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason

Units STATUS	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERMAL	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Unknown	SGW - Shut-in Gas Well
ABANDONED	SOW - Shut-in Oil Well
ACTIVE	TA - Temp. Abandoned
COMBINED	TW - Test Well
INACTIVE	WDW - Water Disposal
STORAGE	WIW - Water Injection Well
TERMINATED	WSW - Water Supply Well
Sections	
Township	



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)

July 18, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2011 Plan of Development Greater Monument
Butte Unit, Duchesne and Uintah Counties,
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 2011 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed GREEN RIVER Injector)

43-013-50879	GMBU 8A-14-9-16	Sec 14 T09S R16E 1802 FSL 0495 FEL BHL Sec 14 T09S R16E 1983 FNL 0659 FEL
--------------	-----------------	--

(Pressure and Fluid Observation Monitoring Well - TD 1,200 feet)

43-013-50880	GMBU 8-14T-9-16	Sec 14 T09S R16E 1978 FNL 0731 FEL
--------------	-----------------	------------------------------------

A telephone conversation and subsequent email with Tom Walker, Newfield Production Company, revealed that the Jonah 8-4-9-16, API 43-013-32054, and the GMBU 8-14T-9-16 will be utilized for monitoring pressure and water quality.

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

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.07.18 15:04:32 -06'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:7-18-11

RECEIVED: Jul. 26, 2011



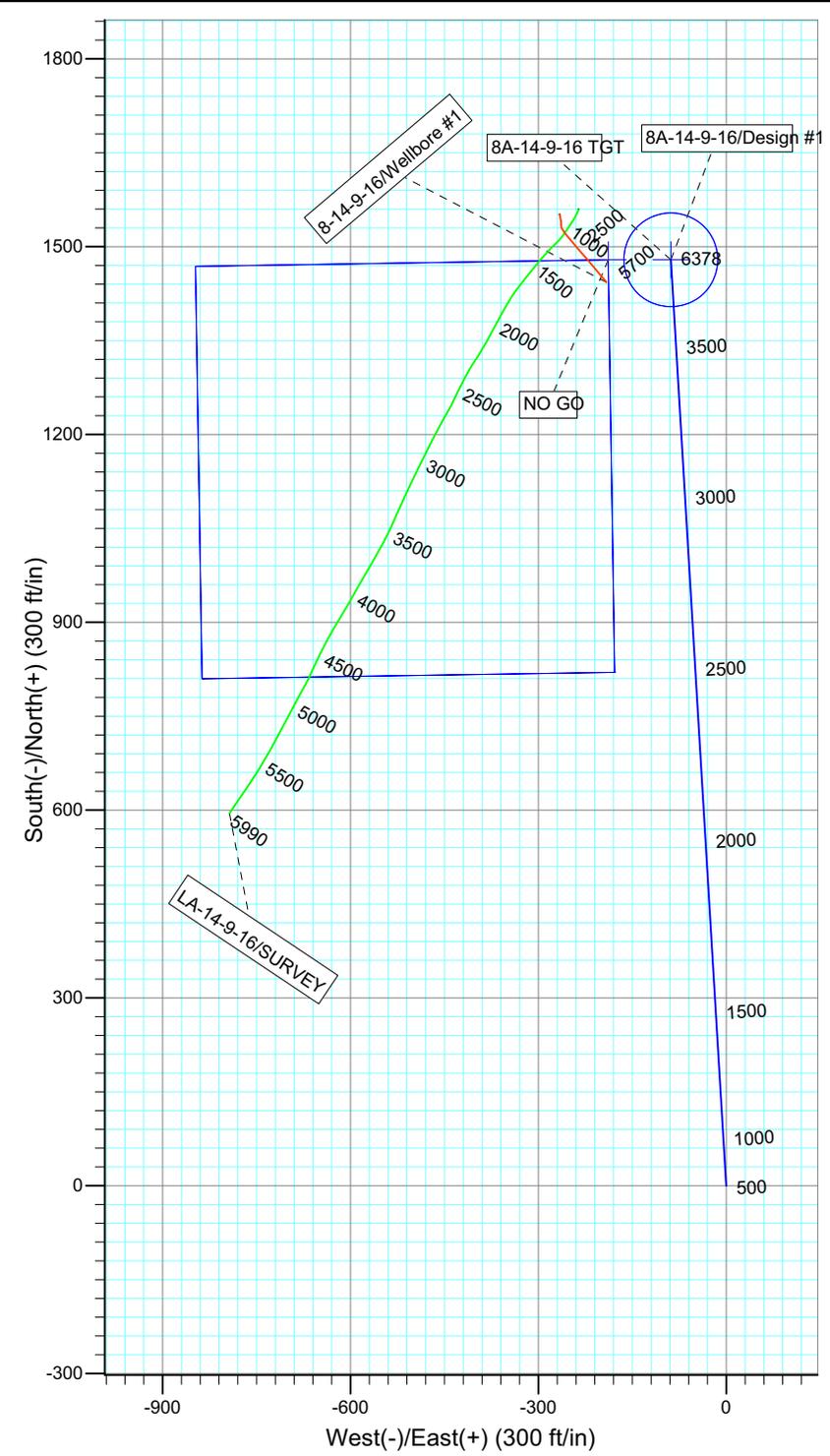
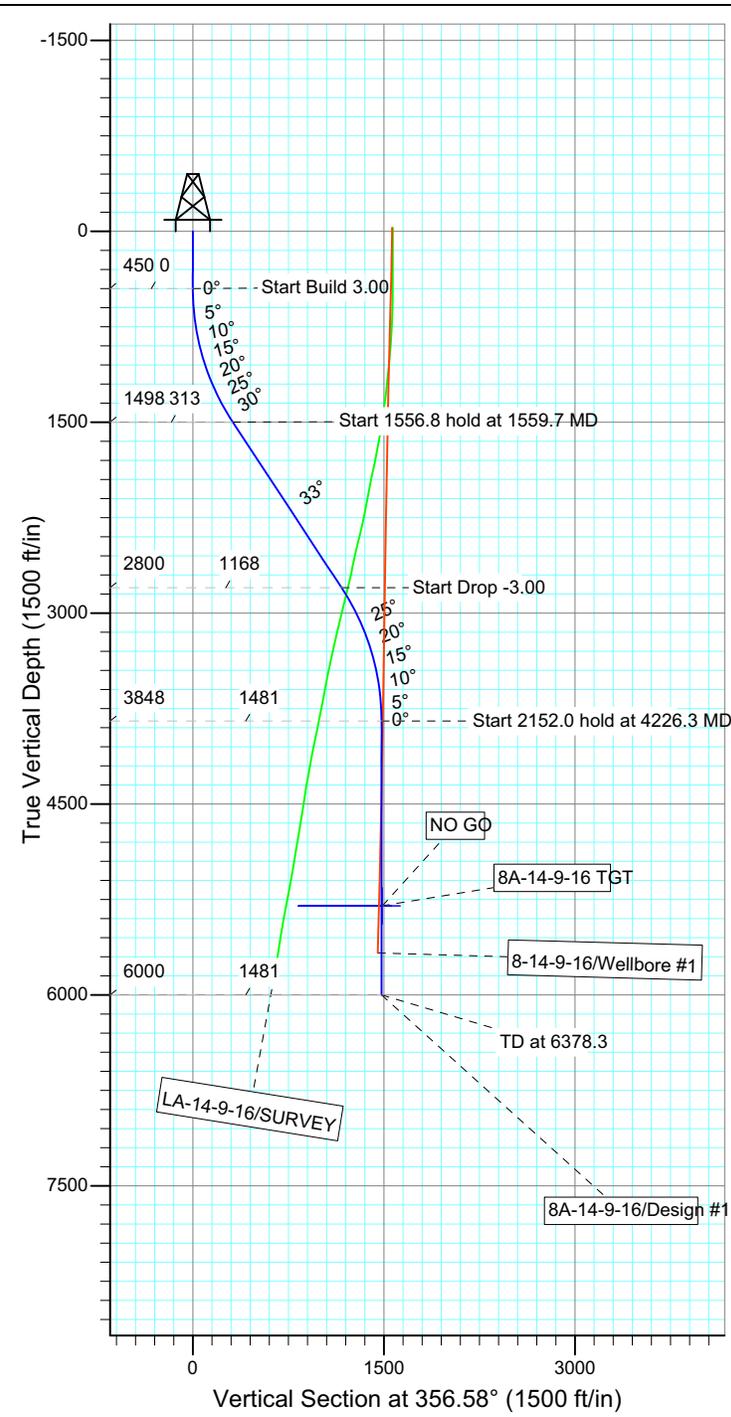
Project: USGS Myton SW (UT)
 Site: SECTION 14 T9S, R16E
 Well: 8A-14-9-16
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.35°

Magnetic Field
 Strength: 52285.6snT
 Dip Angle: 65.79°
 Date: 2011/03/07
 Model: IGRF2010

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



WELLBORE TARGET DETAILS				
Name	TVD	+N/-S	+E/-W	Shape
8A-14-9-16 TGT	5300.0	1478.8	-88.4	Circle (Radius: 75.0)
NO GO	5300.0	1478.8	-188.4	Rectangle (Sides: L659.0 W659.0)

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	450.0	0.00	0.00	450.0	0.0	0.0	0.00	0.00	0.0	
3	1559.7	33.29	356.58	1498.3	312.9	-18.7	3.00	356.58	313.4	
4	3116.6	33.29	356.58	2799.7	1165.9	-69.7	0.00	0.00	1168.0	
5	4226.3	0.00	0.00	3848.0	1478.8	-88.4	3.00	180.00	1481.4	
6	6378.3	0.00	0.00	6000.0	1478.8	-88.4	0.00	0.00	1481.4	



RECEIVED: Jul. 26, 2011

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 7/8/2011

API NO. ASSIGNED: 43013508800000

WELL NAME: GMBU 8-14T-9-16

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: SENE 14 090S 160E

Permit Tech Review:

SURFACE: 1978 FNL 0731 FEL

Engineering Review:

BOTTOM: 1978 FNL 0731 FEL

Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.03264

LONGITUDE: -110.07905

UTM SURF EASTINGS: 578577.00

NORTHINGS: 4431576.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-096550

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT**
- Bond:** FEDERAL - WYB000493
- Potash**
- Oil Shale 190-5**
- Oil Shale 190-3**
- Oil Shale 190-13**
- Water Permit:** 437478
- RDCC Review:**
- Fee Surface Agreement**
- Intent to Commingle**

Commingle Approved

LOCATION AND SITING:

- R649-2-3.**
Unit: GMBU (GRRV)
- R649-3-2. General**
- R649-3-3. Exception**
- Drilling Unit**
Board Cause No: Cause 213-11
- Effective Date:** 11/30/2009
- Siting:** Suspends General Siting
- R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
27 - Other - bhill



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU 8-14T-9-16
API Well Number: 43013508800000
Lease Number: UTU-096550
Surface Owner: FEDERAL
Approval Date: 7/26/2011

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

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

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.

Conditions of Approval:

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

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

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules

will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

RECEIVED

JUL 12 2011

Form 3160-3
(August 2007)

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

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-096550
1b. Type of Well: <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name NA
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Greater Monument Butte
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. GMBU 8-14T-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/NE 1978' FNL 731' FEL Sec. 14, T9S R16E (UTU-096550) At proposed prod. zone		9. API Well No. 43-013-50880
14. Distance in miles and direction from nearest town or post office* Approximately 16.3 miles south of Myton, UT		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 731' f/lse, NA f/unit (Also to nearest drig. unit line, if any)		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 14, T9S R16E
16. No. of acres in lease 840.00		12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 40 Acres		13. State UT
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. NA		20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5612' GL		22. Approximate date work will start* 4th Oct. 2011
		23. Estimated duration (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, must 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 must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 7/17/11
Title Regulatory Specialist		
Approved by (Signature) <i>Jerry Kenczka</i>	Name (Printed/Typed) Jerry Kenczka	Date DEC 15 2011
Title Assistant Field Manager Lands & Mineral Resources		
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.

CONDITIONS OF APPROVAL 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.

RECEIVED

(Continued on page 2)

*(Instructions on page 2)

DEC 21 2011

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

UDOGM

111 20 1170 A

-NO MORE- MODIFIED 7/17/11



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: 8-14T-9-16
API No: 43-013-50880

Location: SENE, Sec. 14, T9S, R16E
Lease No: UTU-096550
Agreement:

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (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 to: blm_ut_vn_opreport@blm.gov
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)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- 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.
- After cessation of drilling and completion operations, any visible or measurable layer of oil must be removed from the surface of the reserve pit and the pit kept free of oil.
- Pits must be free of oil and other liquid and solid wastes prior to filling. Pit liners must not be breached (cut) or filled (squeezed) while still containing fluids. The pit liner must be removed to the solids level or treated to prevent its reemergence to the surface or its interference with long-term successful revegetation.

Wildlife

If construction and drilling is anticipated during any of the following wildlife seasonal or spatial restrictions, a qualified consulting firm biologist must be contacted in order to conduct applicable surveys using an accepted protocol prior to any ground disturbing activities.

- A BLM biologist or a BLM-approved contractor will conduct a raptor nest survey during the nesting season within 0.5 miles from the respective host location well pad and liquid gathering line corridor. If occupied/active raptor nests are found, construction will not occur during the nesting season for that species within the species-specific buffer described in the BLM Raptor Best Management Practices. If during the surveys known nests/habitat is found to be inactive, an exemption may be requested in writing, survey results reviewed and approved by a BLM minerals biologist before granting the exemption.
- No surface occupancy or use is allowed within ½ mile of golden eagle nests from January 1 through August 31. If during the surveys known nests/habitat is found to be inactive, an exemption may be requested in writing, survey results reviewed and approved by a BLM minerals biologist before granting the exemption.
- Mountain plover surveys will be conducted to protocol by a professional Environmental Consulting Firm biologist prior to any ground disturbing activities. Reports from survey results must be reviewed by a BLM minerals biologist prior to proceeding with the proposed project. A seasonal restriction for all ground disturbing activities in mountain plover habitat from May 1-June 15 is required.
- Install hospital mufflers to reduce noise impacts to wildlife.

Reclamation

- Reclamation will be completed in accordance with the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM.
- The reclamation seed mix will incorporate low growing grasses, instead of crested wheatgrass, which negatively impacts mountain plover habitat.
- Appropriate erosion control and revegetation measures will be employed. In areas with unstable soils where seeding alone may not adequately control erosion, grading will be used to minimize slopes and water bars will be installed on disturbed slopes. Erosion control efforts will be monitored by Newfield and, if necessary, modifications will be made to control erosion.

Monitoring and Reporting

- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.
- The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) 3 growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the Green River District Reclamation Guidelines have been met (30% or greater basal cover).

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

SITE SPECIFIC DOWNHOLE COAs:

- The operator shall comply with all applicable requirements in the SOP (version: "Greater Monument Butte Green River Development Program", June 24, 2008). The operator shall also comply with applicable laws and regulations; with the lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

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 BLM_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.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- 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 ($\frac{1}{4}$ 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-096550	
SUNDRY NOTICES AND REPORTS ON WELLS	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Test Well	8. WELL NAME and NUMBER: GMBU 8-14T-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013508800000
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: 1978 FNL 0731 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 14 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: 7/26/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Newfield proposes to extend the Application for Permit to Drill this well for one year.

Approved by the Utah Division of Oil, Gas and Mining

Date: July 30, 2012

By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 7/25/2012	



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 43013508800000

API: 43013508800000

Well Name: GMBU 8-14T-9-16

Location: 1978 FNL 0731 FEL QTR SENE SEC 14 TWNP 090S RNG 160E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 7/26/2011

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

Signature: Mandie Crozier

Date: 7/25/2012

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-096550
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
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9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	4. LOCATION OF WELL FOOTAGES AT SURFACE: 1978 FNL 0731 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 14 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: 10/8/2012 <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 checked="" 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 type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="perforate & swab monitor we"/>

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

Proposed completion procedure and proposed WBD attached. Jake Fulcher Newfield Exploration Production Engineer 435-322-0257

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

Date: October 03, 2012

By: *Dark Quif*

NAME (PLEASE PRINT) Jack Fulcher	PHONE NUMBER 303 383-4190	TITLE Engineer Tech
SIGNATURE N/A	DATE 10/3/2012	



Newfield Production Company

GMBU 8-14T-9-16

API# 43-013-50880

1240' FNL & 731' FEL SWNE Sec 14 T9S R16E

AFE# 27844C

Monitor Well Completion Procedure

10/2/2012
Tubular Data:

Casing: 5-1/2", 15.5#, J-55, LTC	ID: 4.950"	Drift: 4.825"	Burst: 4810 psi
Tubing: 2-7/8", 6.5#, J-55, EUE	ID: 2.441"	Tensile: 100,000 lbs.	Burst: 7,260 psi

Volumes:

Casing: 0.0238 bbl/ft	Tubing: 0.00579 bbl/ft	Csg/Tbg Annulus: 0.0158 bbl/ft
-----------------------	------------------------	--------------------------------

Procedure:

- 1 NU 11" x 7-1/16" 5K tubing head w/ two single 2-1/16" outlet valves & 7-1/16" 5K manual frac valve.
- 2 RU WL, run CBL f/ PBSD to surface.
Note TOC on DCR report and upload log to Livelink.
- 3 Pressure test casing, tbg head, & 2-1/16" outlet valves to 200 psi for 5 min and 4300 psi for 10 min w/no departure
Chart tests and scan into Livelink
- 4 RIH w/WL w/3-1/8" guns loaded w/ 3 spf, 0.34" EHD, 120 deg phasing, 16 g charges & perforate the following:
Uinta 1,118' - 1,123' and 1,004' - 1,009'
- 5 RDMO WL
- 6 Breakdown perms w/HO w/5 bbls fresh water down csg.
Record breakdown pressure, injection volume, and final pump rate & pressure in DCR.
- 7 MIRU WOR
- 8 NU & function test BOPs.
- 9 TIH w/NC, SN, and 2-7/8" 6.5# J-55 tbg to EOT +/- 1130'
- 10 Drop SV and pressure test tbg to 3000 psi.
- 11 RU swab eq and swab fluid out of wellbore.
Swab volume should be tbg vol + csg/tbg annulus volume + injection volume.
- 12 Once wellbore volume swabbed, collect and label 3 formation water samples.
May have to wait overnight for formation water to enter wellbore.
Have samples tested by MultiChem ASAP and forward results to:
Jake Fulcher: 435-322-0257; jfulcher@newfield.com
- 13 Land tbg. ND BOPs & frac valve. NU B-1 adapter w/ threaded gate valve.
- 14 Install pressure gauges on tbg & csg.
- 15 RDMO WOR
- 16 Monitor bottom hole pressure via acoustic fluid level shots every two weeks until static fluid level is established.
- 17 After fluid level is stabilized monitor BHP via fluid level shots monthly.

GMBU 8-14T-9-16

Spud Date: 09/13/12

Wellbore Diagram

SURFACE CASING

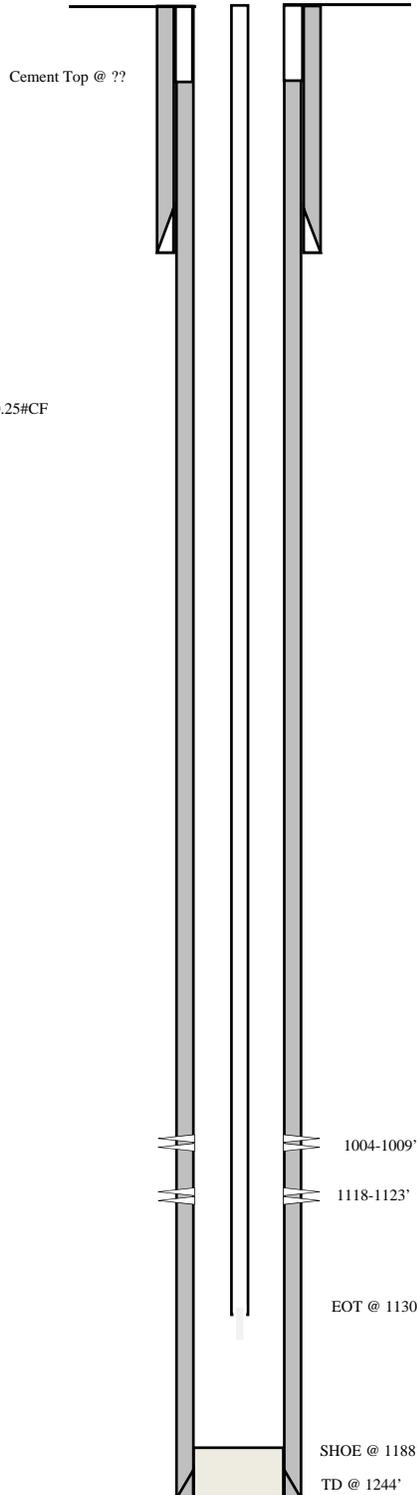
CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
DEPTH LANDED: 2 jts. 80'
HOLE SIZE: 12-1/4"

MONITOR CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 30 jts. (1220')
DEPTH LANDED: 1229.6' KB
FLOAT COLLAR @ 1186' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 250 sxs Class G 50:50:2+3% KCL+0.5% EC+0.25# CF
mixed @ 14.4 ppg & 1.25 yield.
CEMENT TOP: ???

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: ??
SEATING NIPPLE: 2-7/8"
NOTCHED COLLAR: 2-7/8"
TOTAL STRING LENGTH: EOT @ 1130' KB (PROPOSED)



Company: Newfield Exploration Company Lease / Well: Jonah 8-14T-9-16 County/Parish: Duchesne State: Utah Date: 9/28/2012 API#: N/A Dir. Company: N/A	Operator: Scott Elias Job Number: SVGJ-120947 Gyro Serial #: 102 Proposed Direction: 0 Mag. Declination: East 11.15 Rig/RKB: MS Wireline Tie-in Company: N/A
---	---

FIELD USE ONLY, DEFINITIVE SURVEY WILL COME FROM MS SURVEY OFFICES

TIE-IN Survey				
Measured Depth (ft.)	Inclination	Azimuth Bearing	Vertical Depth	Coordinates (+N/-S) (+E/-W)

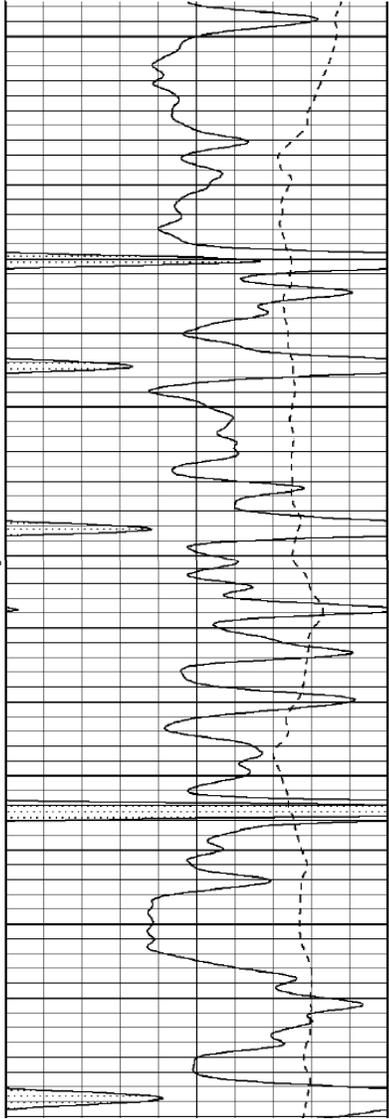
Digital Multi-Shot Survey Report									
Measured Depth (ft.)	Inclination	Azimuth Bearing	Vertical Depth	Vertical Section	Coordinates (+N/-S) (+E/-W)	Dog-Leg / 100 ft.	Closure Distance	Closure Direction	
100.00	0.35	103.39	100.00	-0.07	-0.07	0.30	0.35	0.31	103.39
200.00	0.73	113.16	199.99	-0.39	-0.39	1.18	0.39	1.24	108.38
300.00	1.20	110.69	299.98	-1.01	-1.01	2.75	0.47	2.93	110.25
400.00	1.40	113.04	399.95	-1.86	-1.86	4.85	0.21	5.19	110.99
500.00	1.63	107.39	499.92	-2.76	-2.76	7.33	0.27	7.83	110.66
600.00	1.79	113.10	599.87	-3.80	-3.80	10.12	0.23	10.81	110.58
700.00	2.11	112.48	699.82	-5.12	-5.12	13.26	0.32	14.22	111.10
800.00	2.24	124.90	799.75	-6.94	-6.94	16.57	0.49	17.96	112.73
900.00	2.28	128.21	899.67	-9.29	-9.29	19.73	0.14	21.81	115.21
1000.00	2.18	130.28	999.59	-11.75	-11.75	22.75	0.13	25.60	117.32
1100.00	1.79	127.78	1099.53	-13.94	-13.94	25.43	0.40	29.00	118.72
1185.00	1.51	126.70	1184.50	-15.42	-15.42	27.38	0.33	31.42	119.39

Induction Log

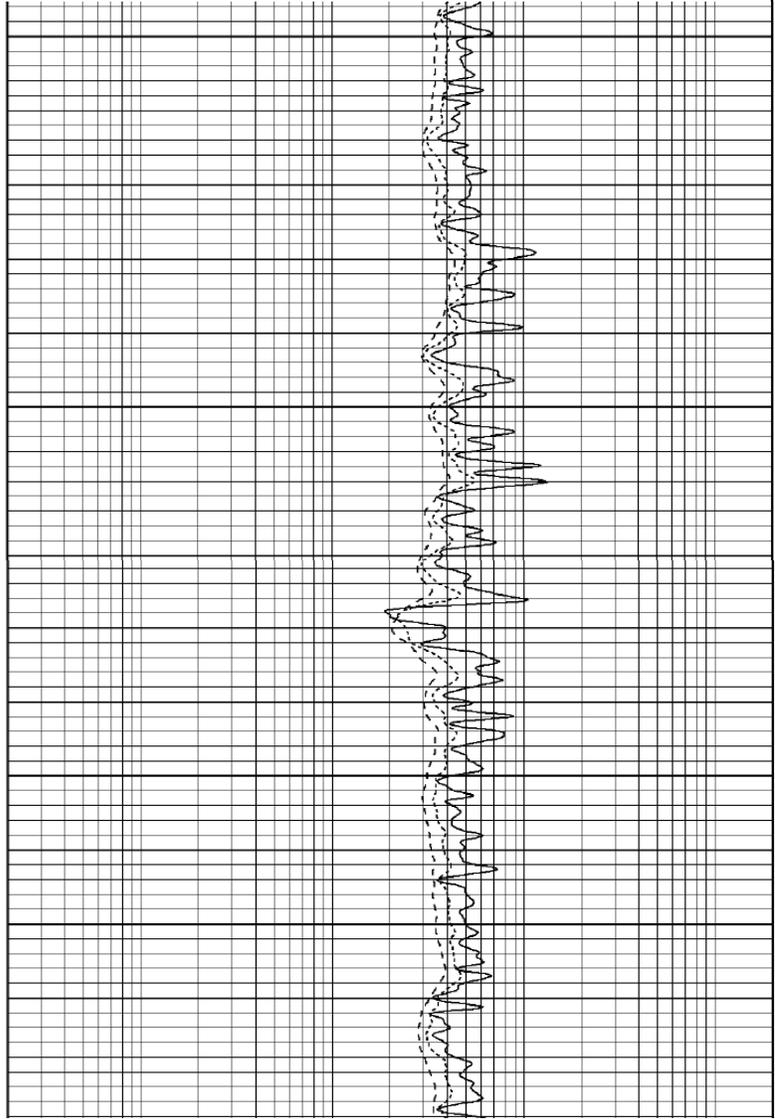
Database File: 109593.db
 Dataset Pathname: pass6
 Presentation Format: i5
 Dataset Creation: Wed Sep 19 17:09:48 2012 by Log Open-Cased 110302
 Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (GAPI) 150
 0 Spontaneous Potential (mV) 100

0.2 Deep Resistivity (Ohm-m) 2000
 0.2 Shallow Resistivity (Ohm-m) 2000
 0.2 Medium Resistivity (Ohm-m) 2000



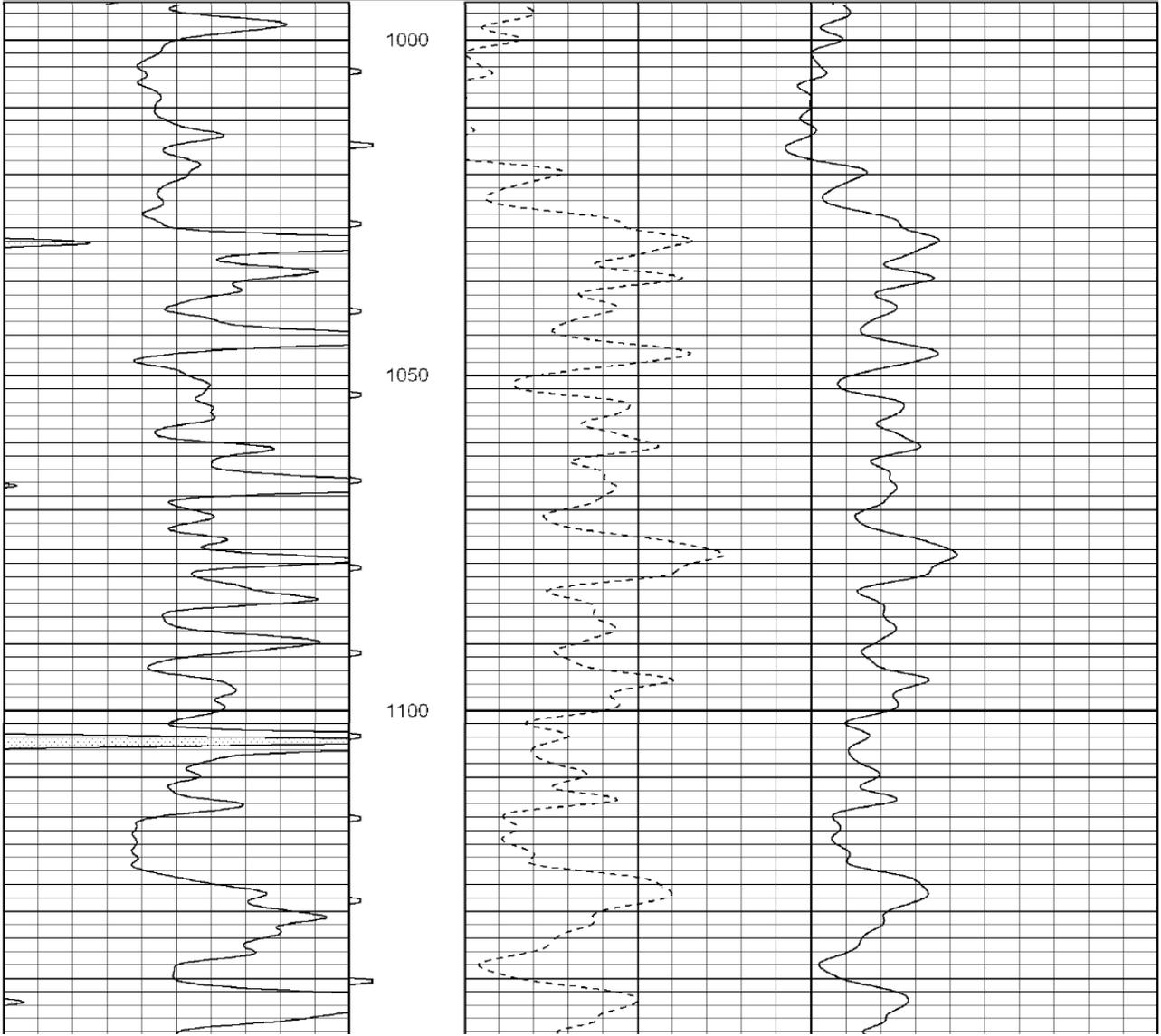
1000
 1050
 1100



Sonic Log

Database File: 109593.db
 Dataset Pathname: pass9.1
 Presentation Format: sonic
 Dataset Creation: Wed Sep 19 18:37:23 2012 by Calc Open-Cased 110302
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	140	Travel Time (usec/ft)	40
200	GR (GAPI)	400	30	Sonic Porosity (pu)	-10



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.

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)

SENE Section 14 T9S R16E

5. Lease Serial No.

USA UTU-096550

6. If Indian, Allottee or Tribe Name.

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

GMBU

8. Well Name and No.

GMBU 8-14T-9-16

9. API Well No.

4301350880

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other _____
			Spud Notice _____

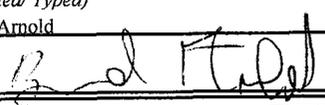
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical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

On 9/13/12 Ross #29 spud and drove 10' of 14" conductor. Drilled 80' of 12 1/4" hole, P/U and run 87.36' of 8 5/8 casing and 3yds type G cement. Drilled 7 7/8" hole to 1244', P/U and run 30 jts of 5 1/2" casing set 1229.6' KB. On 9/19/12 cement w/BJ w/250 sacks of class G 50:50:2+3%KCL+.5%EC+.25#CF mixed @ 14.4 ppg and 1.25 yield. Returnd 10bbls to pit, bump plug to 1300 psi. WOC.

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

Branden Arnold

Signature



Title

Date

09/27/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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

Title

Office

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

(Instructions on page 2)

RECEIVED

OCT 05 2012

DIV. OF OIL, GAS & MINING

Casing / Liner Detail

Well GMBU 8-14T-9-16
Prospect Monument Butte
Foreman _____
Run Date: _____
String Type Surface, 8.625", 24#, J-55, STC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
84.00			4' KB height		
4.00	80.00	2	8 5/8 casing	8.625	
84.00			-		

Cement Detail

Cement Company: _____

Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives

Stab-In-Job?	
BHT:	0
Initial Circulation Pressure:	
Initial Circulation Rate:	
Final Circulation Pressure:	
Final Circulation Rate:	
Displacement Fluid:	
Displacement Rate:	
Displacement Volume:	
Mud Returns:	
Centralizer Type And Placement:	

Cement To Surface?	
Est. Top of Cement:	
Plugs Bumped?	
Pressure Plugs Bumped:	
Floats Holding?	
Casing Stuck On / Off Bottom?	
Casing Reciprocated?	
Casing Rotated?	
CIP:	
Casing Wt Prior To Cement:	
Casing Weight Set On Slips:	



Casing / Liner Detail

Well GMBU 8-14T-9-16
 Prospect Monument Butte
 Foreman _____
 Run Date: _____
 String Type Surface, 5.5", 15.5#, J-55, LTC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
1,229.60			4' KB height		
4.00	1.43		Wellhead	5.500	
5.43	1181.00	29	5 1/2" surface casing	5.500	
1,186.43	1.90	1	Float collar	5.500	
1,188.33	36.37	1	Shoe Joint	5.500	
1,224.70	0.90	1	Guide Shoe	5.500	
1,225.60	4.00	1	Mandrel	5.500	
1,229.60			-		

Cement Detail

Cement Company: <u>BJ</u>					
Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft ³)	Description - Slurry Class and Additives
Slurry 1	250	14.4	1.25	312.5	class G 50:50:2+3%KCL+.5%EC+.25#CF

Stab-In-Job?	No
BHT:	0
Initial Circulation Pressure:	
Initial Circulation Rate:	
Final Circulation Pressure:	
Final Circulation Rate:	
Displacement Fluid:	Water
Displacement Rate:	
Displacement Volume:	28.1
Mud Returns:	
Centralizer Type And Placement:	
Middle of first, top of every other for a total of 6.	

Cement To Surface?	Yes
Est. Top of Cement:	0
Plugs Bumped?	Yes
Pressure Plugs Bumped:	1300
Floats Holding?	No
Casing Stuck On / Off Bottom?	No
Casing Reciprocated?	No
Casing Rotated?	No
CIP:	2:00
Casing Wt Prior To Cement:	
Casing Weight Set On Slips:	



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 **N2895**

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					DQ	SD	TP	RG	COUNTY		
B	99999	17400	4301350880	GMBU 8-14T-9-16	SENE	14	9S	16E	DUCHESNE	9/13/2012	10/24/12
WELL 1 COMMENTS GRRV											
A	99999	18753	4301351390	MORRILL 4-23-3-2WH	NWNW	23	3S	2W	DUCHESNE	9/11/2012	10/24/12
WELL 1 COMMENTS GRRV											
B	99999	17400	4301350821	GMBU Y-35-8-17	NENE	3	9S	17E	DUCHESNE	9/26/2012	10/24/12
WELL 1 COMMENTS GRRV BHL: 9S 17E SWSW This well's range is 9S-17E at the surface of the whole, and 8S-17E at the bottom of the whole											
B	99999	17400	4301351174	GMBU O-10-9-16	SENE	9	9S	16E	DUCHESNE	9/29/2012	10/24/12
WELL 1 COMMENTS GRRV S10 NWSW											
B	99999	17400	4301351173	GMBU L-9-9-16	SENE	9	9S	16E	DUCHESNE	9/18/2012	10/24/12
WELL 1 COMMENTS GRRV BHL: NWSW											
A	99999	18754	4301351412	LUSTY 1-11-3-3W	NENE	11	3S	3W	DUCHESNE	9/28/2012	10/24/12
WELL 1 COMMENTS WSTC NENE											
B	99999	17400	4301351249	GMBU E-16-9-17	SESE	8	9S	17E	DUCHESNE	10/1/2012	10/24/12
WELL 1 COMMENTS GRRV BHL: 16 NWNW											

CONFIDENTIAL

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

RECEIVED

OCT 12 2012

Tasha Robison
Signature

Tasha Robison

Production Clerk

10/03/12

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

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

95 16E 1A

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.

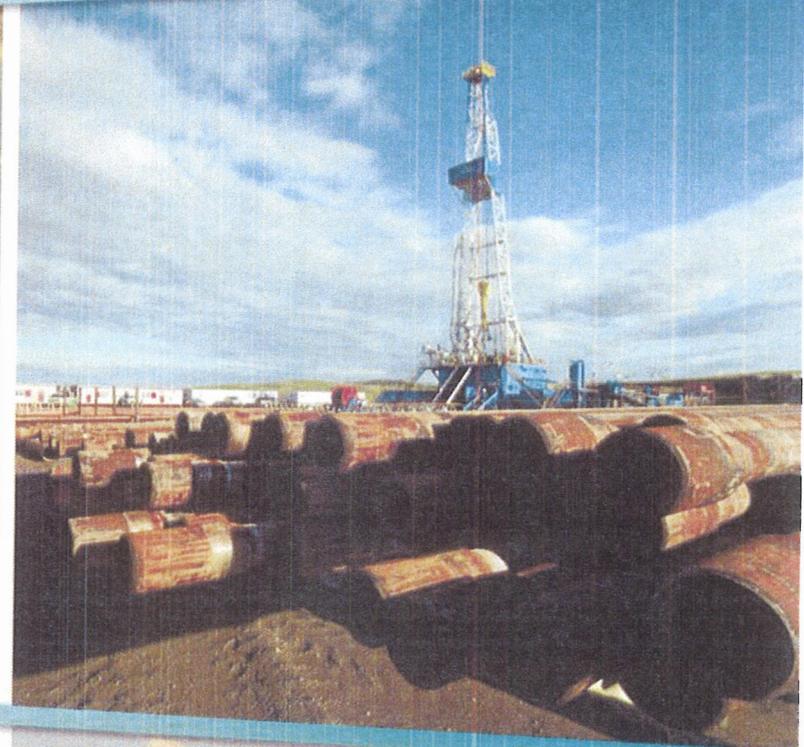
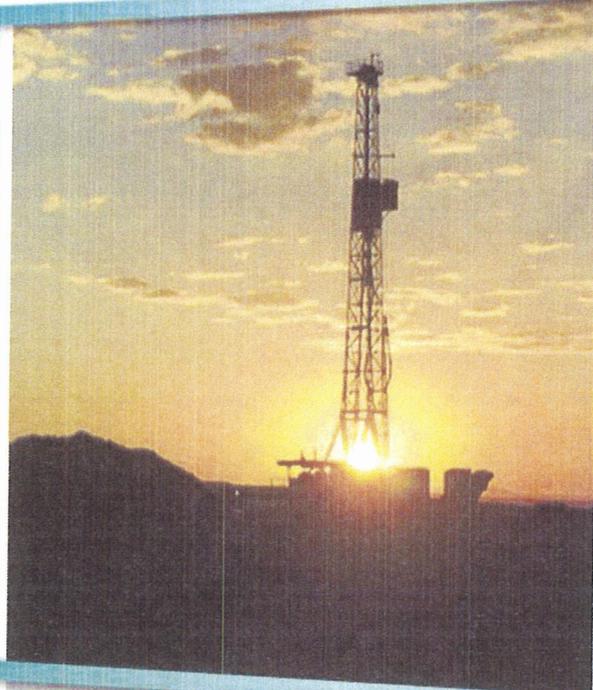
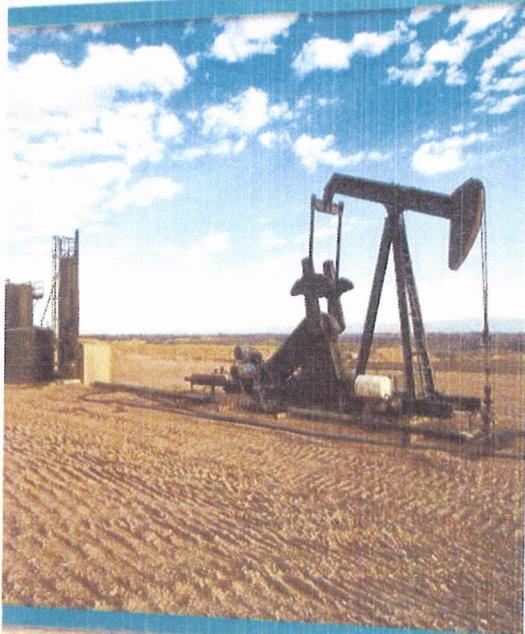
I am trying to understand the chronology of events and more. This involves the original vertical well, Jonah Unit 8-14-9-16 (43-013-32054), the abandoned directional well, Jonah Fed L-14-9-16 (43-013-33811), and producing directional well, Jonah Fed LA-14-9-16 (43-013-~~9-16~~). Could you please briefly 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' K.B. 501'

Initial Production 159 BOPD
 133 MCFPD, 34 BWPD

Welbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-33
 WEIGHT: 24#
 LENGTH: 765 (760)
 DEPTH LANDED: 251'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 120 sds Premium cont. est 1-1/2 bbls to surf

PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE: J-35
 WEIGHT: 15.5#
 LENGTH: 133 yds (124')
 DEPTH LANDED: 3655' KB
 HOLE SIZE: 4-7/8"
 CEMENT DATA: 320 sk #6oz 1 type 10 min & 410 sds Class G
 CEMENT TOP AT: 3565' per CBI

TUBING

SIZE GRADE W.L. 2-7/8" 35-20 6.2#
 NO OF JOINTS: 127 yds (19920')
 TUBING ANCHOR: 5020
 NO OF JOINTS: 1 ft (62.5')
 SEATING NIPPLE: 5-1/2" (110')
 SN LANDED AT: 5986'
 NO OF JOINTS: 2 ft (62.5')
 TOTAL STRING LENGTH: EOT @ 5152'

SUCKER RODS

POLISHED ROD:
 SUCKER RODS: 55' 5/8" gundreds, 97' 5/8" gundreds, 4' 5/8" gundreds, 4
 1 1/2" weight bars
 PUMP SIZE: 2-1/2" x 1-1/2" x 16 REAC
 STROKE LENGTH: "
 PUMP SPEED: 32PM"
 LOGS: Dual Interval, GR, SP, Spectral Density, Dual Spaced Neutron, CBL-GR

FRAC JOB

6/13/98 5046'-5071' Frac A sand as follows:
 114,500# 20-40 sand in 555 bbls Vomag
 1-25 Bnd Perf Breakdown @ 3823 psi
 Treated @ avg pres of 1875 psi, avg
 rate of 36 BPM, ISIP: 2250 psi, 3-min
 3100 psi Flowback on 12.64 choke for 3
 hours and died

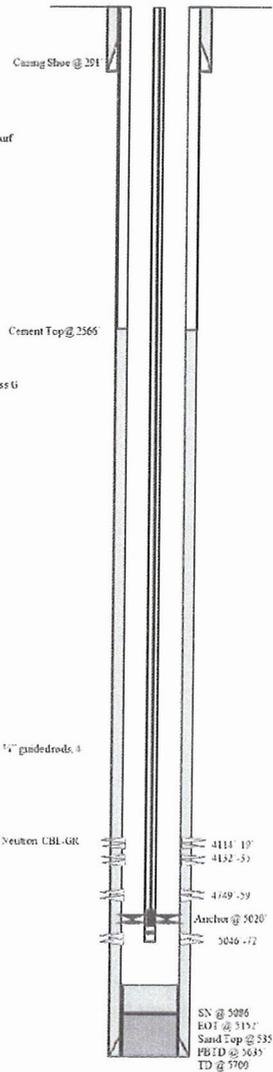
6/16/98 4749'-4759' Frac C sand as follows:
 113,500# of 20-40 sand in 545 bbls
 Vomag 1-25 Bnd Perf Breakdown @
 3052 psi treated @ avg pres of 2000
 psi, avg rate of 28 bpm, ISIP: 2250 psi,
 3-min 2000 psi Flowback on 12.64
 choke for 3 1/2 hours and died

6/18/98 4114'-4135' Frac GB sand as follows:
 96,500# 20-40 sand in 473 bbls Vomag 1-
 25 Bnd Perf Breakdown @ 3387 psi
 Treated @ avg pres of 1850 psi, avg
 rate of 24.5 BPM, ISIP: 1850 psi, 3-min
 1535 psi Flowback on 12.64 choke for
 2-1/2 hours and died

8/20/10
 NOTE: Workover: Updated rod and tubing detail
 The LA-14.9-16 runs diagonally across
 this well location which places the
 beginning joints at a 1992' depth and
 renders placement of the anchor at a
 deeper depth.

PERFORMANCE RECORD

6/13/98	5046'-5071'	2 JSPP	52 holes
6/15/98	4749'-4759'	4 JSPP	10 holes
6/17/98	4114'-4119'	4 JSPP	20 holes
6/17/98	4132'-4135'	4 JSPP	17 holes



Jonah Unit #8-14
 1882 ENL 773 FEL
 SENE Section 14-19S-R16E
 Duchesne Co. Utah
 API #43-013-32054, Lease #U-096550

Welbore Diagram LA-14-9-16



Jonah Fed LA-14-9-16

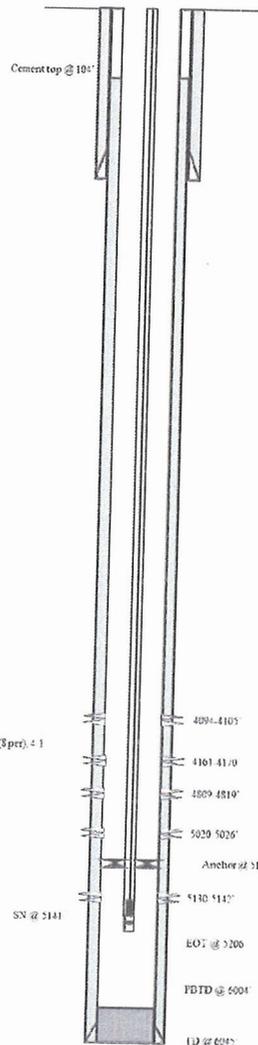
Spud Date 12/19/2008
 Put on Production 1/27/2009
 GL 5606 KB 5618
SURFACE CASING
 CSG SIZE 5-5.8
 GRADE L-33
 WEIGHT 24#
 LENGTH 7 jts (515.70')
 DEPTH LANDED 526.48' KB
 HOLE SIZE 12.14"
 CEMENT DATA 169 ss class 'g' cement

PRODUCTION CASING
 CSG SIZE 3.12
 GRADE J-35
 WEIGHT 13.5#
 LENGTH 155 jts (6228.67')
 DEPTH LANDED 6043.44'
 HOLE SIZE 7.75"
 CEMENT DATA 250 #8 granitic and 413 ss 70.25 poz
 CEMENT TOP AT 104'

TUBING
 SIZE GRADE WT 2-7/8 - 9.35
 NO. OF JOINTS 162 jts (5107.3')
 TUBING ANCHOR 5107.3' KB
 NO. OF JOINTS 1 jt (31.65')
 SEATING NEPPLE 2-7/8" (1.10")
 SN LANDED AT 5141.8' KB
 NO. OF JOINTS 2 jts (63.1')
 TOTAL STRING LENGTH: EOI @ 5205'

SUCKER RODS
 POLISHED ROD 1 1/2" x .25" polished rod
 SUCKER RODS 12" 6" x 7.8" pony sub, 201 7.8" guided rods (8 per), 4 1/2" weight bars, stress coupler
 PUMP SIZE 1 1/2" x 1 1/4" x 20" RHAC central hydraulic pump
 STROKE LENGTH 175"
 PUMP SPEED 80PM

Wellbore Diagram



FRAC JOB

1/20/09 5130-5142' Frac A3 sds as follows:
 69.2754 20.40 sand in 467 bbbls of Lightning 1' fluid Break @ 2700 psi
 Treated w/ ave pressure of 2065 psi w/ ave rate of 22.9 BPM. ISIP 2250 psi Actual flush 4674 gals

1/20/09 5020-5026' Frac A5 sds as follows:
 24.7114 20.40 sand in 367 bbbls of Lightning 1' fluid Break @ 4010 psi
 Treated w/ ave pressure of 2525 psi w/ ave rate of 22.9 BPM. ISIP 2411 psi Actual flush 4515 gals

1/20/09 4809-4819' Frac C sds as follows:
 24.9554 20.40 sand in 330 bbbls of Lightning 1' fluid Break @ 3045 psi
 Treated w/ ave pressure of 2369 psi w/ ave rate of 23.0 BPM. ISIP 3412 psi Actual flush 4221 gals

1/20/09 4161-4170' Frac CB sds as follows:
 22.1374 20.40 sand in 377 bbbls of Lightning 1' fluid Break @ 5950 psi
 Treated w/ ave pressure of 1829 psi w/ ave rate of 23.2 BPM. ISIP 1731 psi Actual flush 3733 gals

1/20/09 4094-4105' Frac CD sds as follows:
 69.1524 20.40 sand in 52 bbbls of Lightning 1' fluid Break @ 2514 psi
 Treated w/ ave pressure of 2209 psi w/ ave rate of 23.1 BPM. ISIP 1915 psi Actual flush 4007 gals

03 Jts 4010 Pump Maintenance Update rod and tubing details

PERFORATION RECORD

Date	Depth Range	Job Type	Number of Holes
1/20/09	4094-4105'	4 JSPT	44 holes
1/20/09	4161-4170'	4 JSPT	36 holes
1/20/09	4809-4819'	4 JSPT	40 holes
1/20/09	5020-5026'	4 JSPT	24 holes
1/20/09	5130-5142'	4 JSPT	45 holes

NEWFIELD

Jonah LA-14-9-16

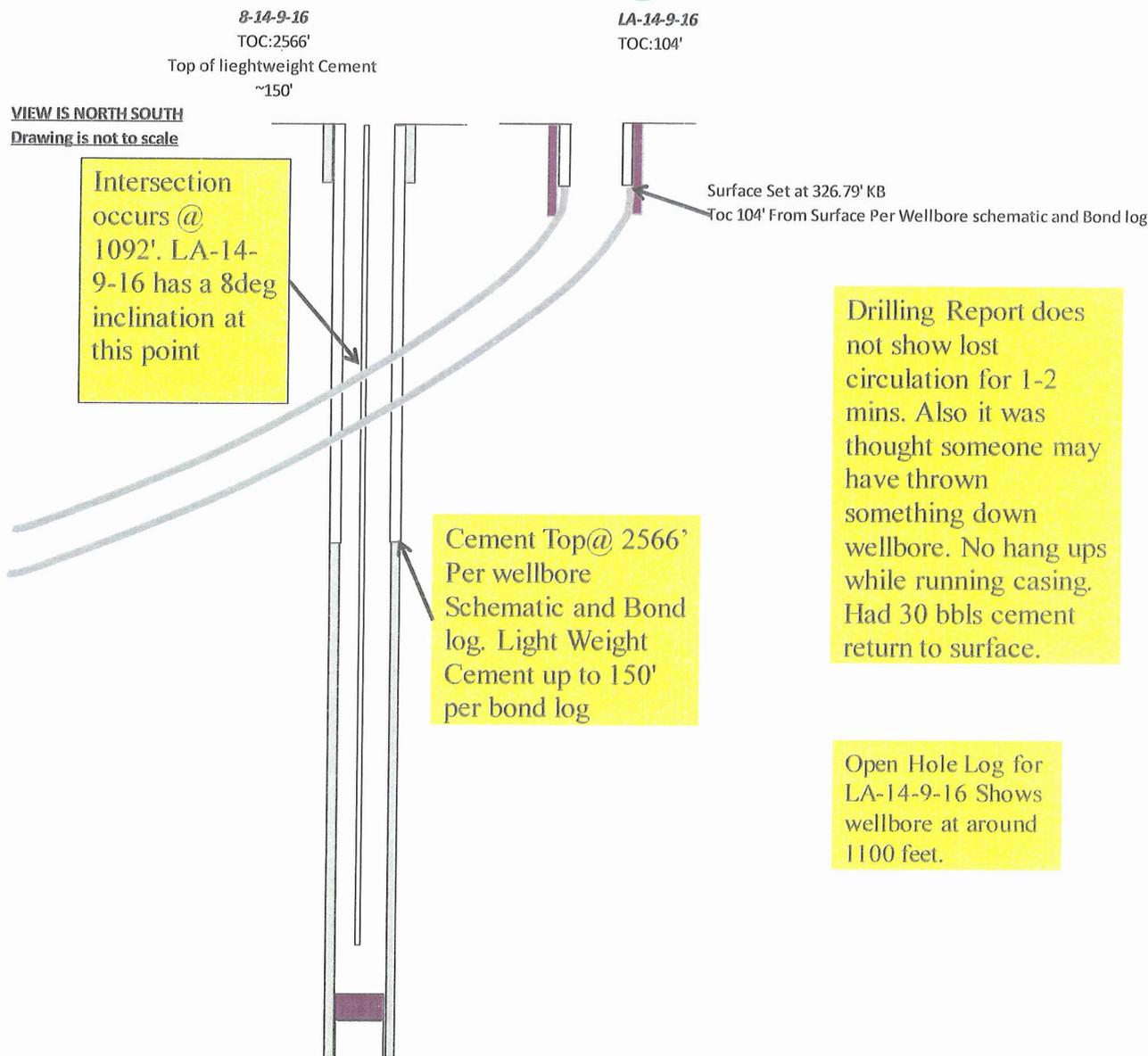
1366' FNL & 712' FEL

SE NE Section 14 T9S R.06E

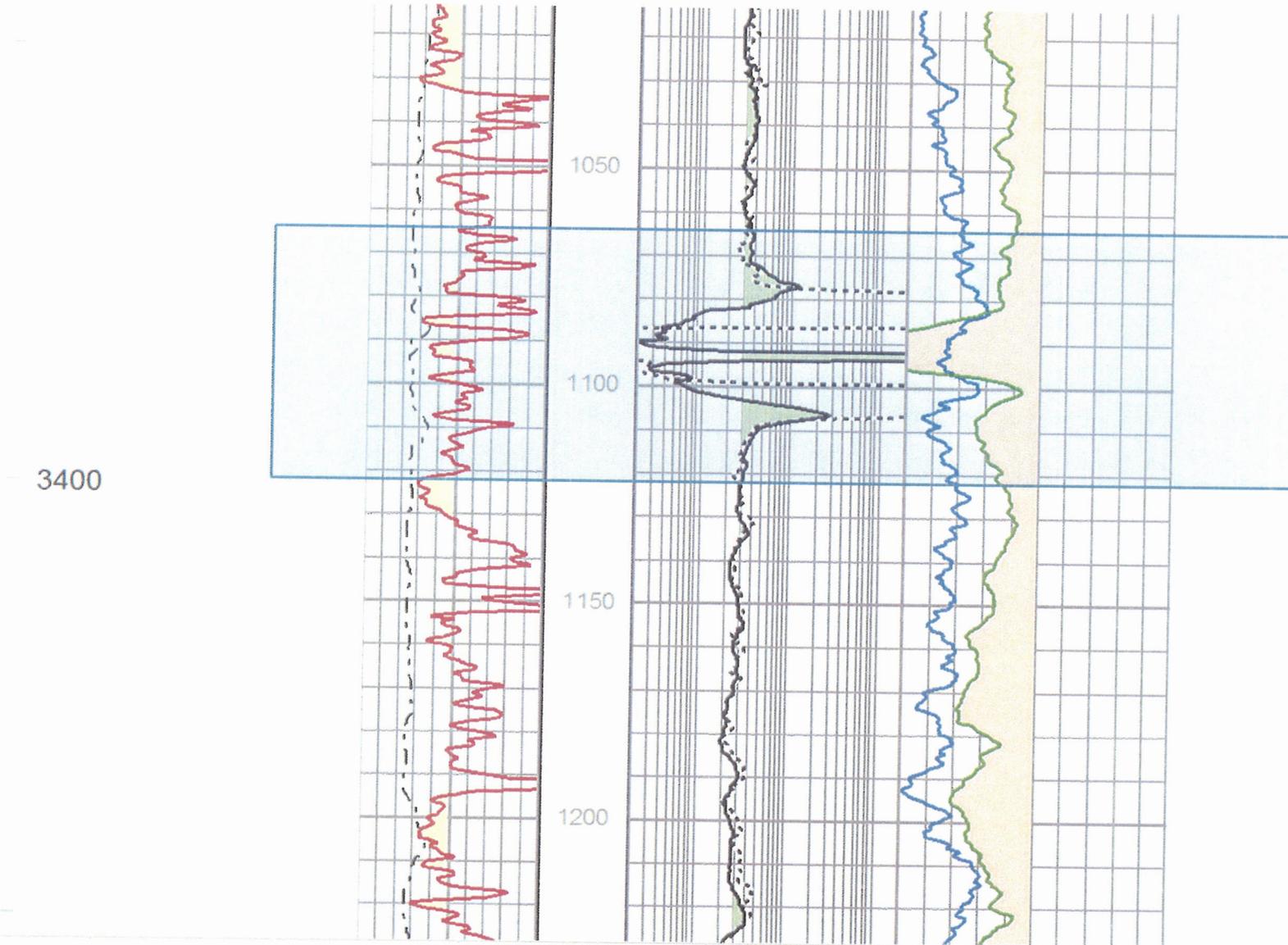
Duchesne Co. Utah

A.P. # 41-13-14104 : Lease # UTC-070553

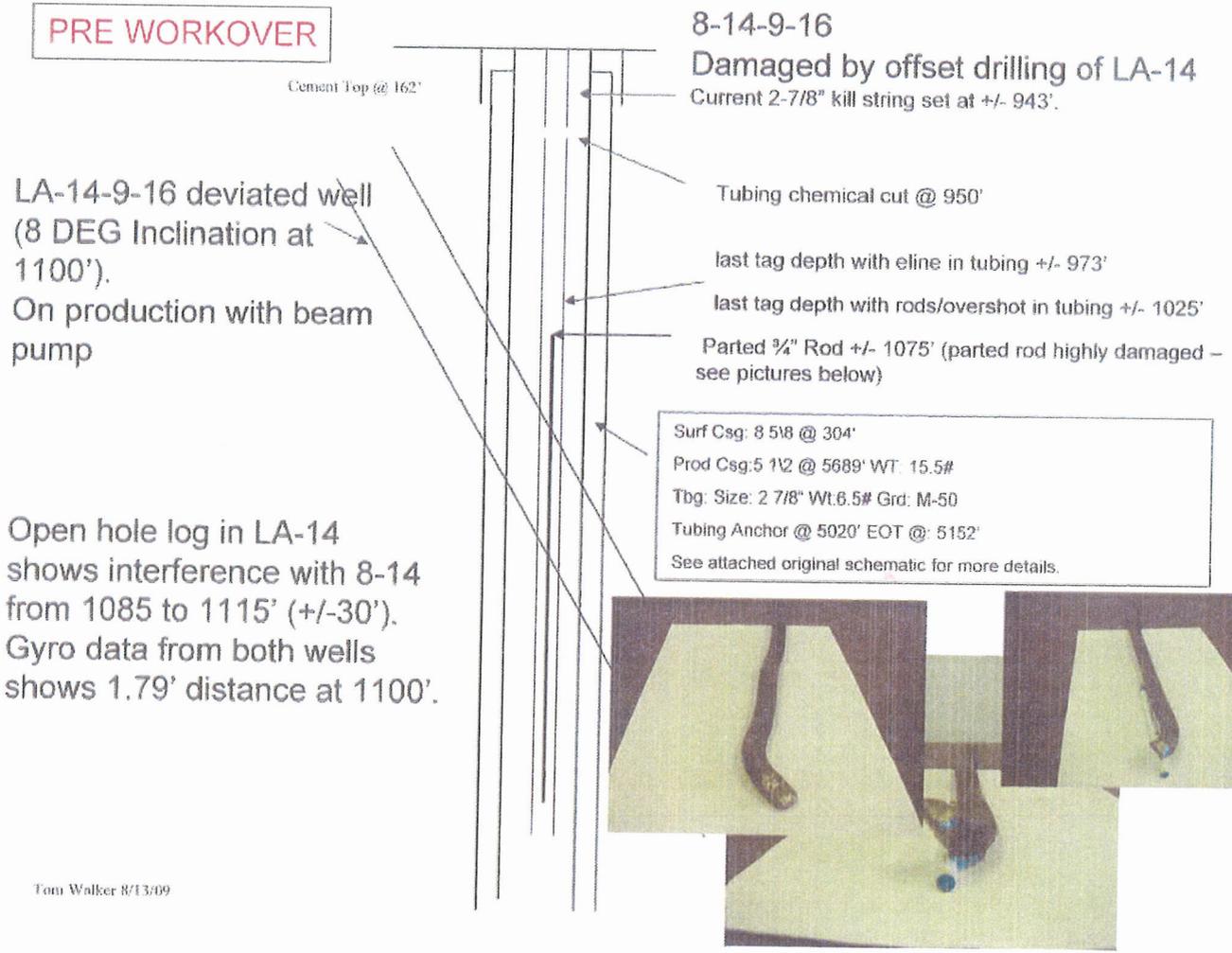
Intersection Drawing and Info



Open Hole Log For LA-14 Showing Intersection



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'

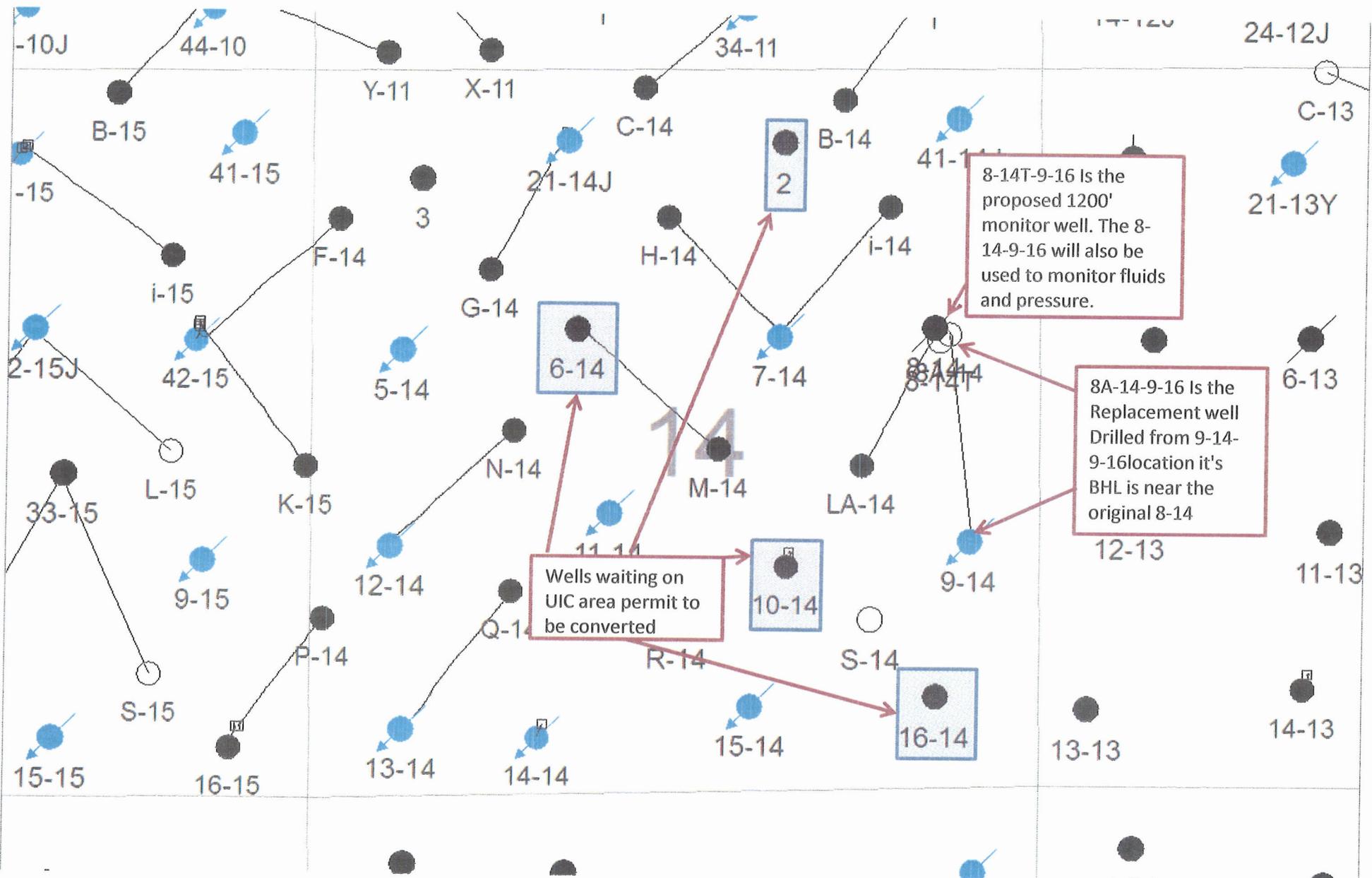
See attached original schematic for more details.



Tom Walker 8/13/09

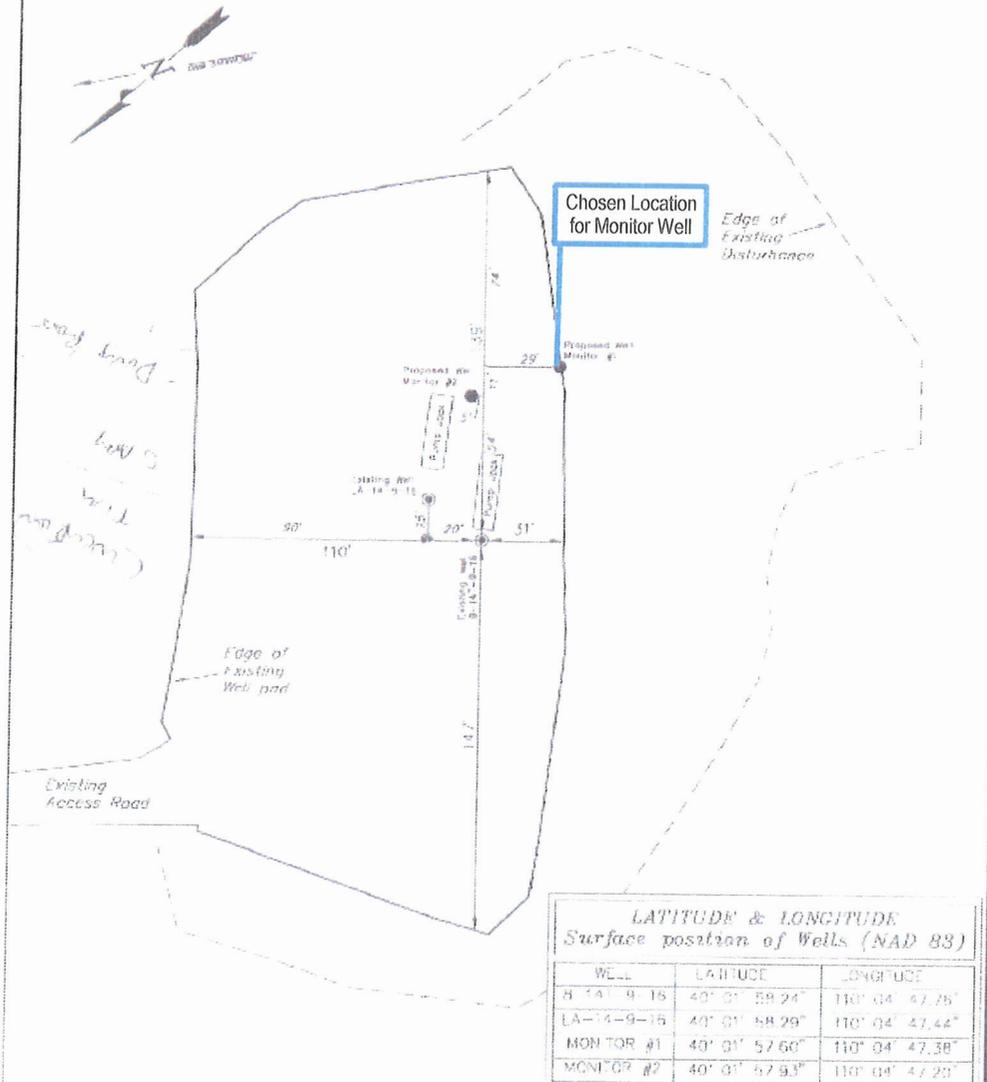
Area Map

NEWFIELD



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' 59.24"	110° 04' 47.76"
LA-14-9-16	40° 01' 58.29"	110° 04' 47.44"
MONITOR #1	40° 01' 57.60"	110° 04' 47.58"
MONITOR #2	40° 01' 57.93"	110° 04' 47.23"

SURVEYED BY: C.V.	DATE SURVEYED: 03-11-11	VERSION:
DRAWN BY: F.C.M.	DATE DRAWN: 03-21-11	N/A
SCALE: 1" = 50'	REVISED:	

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

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: Monitor Well

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
GMBU (GRRV)

2. Name of Operator
Newfield Exploration Company

8. Lease Name and Well No.
GMBU 8-14T-9-16

3. Address 1001 17th Street Ste 2000 Denver, CO 80202

3a. Phone No. (include area code)
303-893-0102

9. API Well No.
43-013-50880

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

At surface 1978' FNL 0731' FEL SENE Section 14 T9S R16E Meridian: S

At top prod. interval reported below

At total depth 1993' FNL 704 FEL SENE Section 14 T9S R16E Meridian: S

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

14. Date Spudded
09/13/2012

15. Date T.D. Reached
09/19/2012

16. Date Completed 10/10/2012
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5612' GL

18. Total Depth: MD 1244
TVD

19. Plug Back T.D.: MD 1191
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL, GR, Dual Ind, Sonic

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"	8 5/8" J-55	24#	0	80'		27 Class "G"	6	0 (CIR)	
7 7/8"	5 1/2" J-55	15.5#	0	1229'		250 50/50 Poz	56	24' (CBL)	

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"	1123 KB							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Uinta	0'	1244'	1118-23' & 1004-09'	.34"	30 (3spf)	ground water-monitoring
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
N/A	

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
N/A			→						
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

Groundwater monitoring well in the Uinta formation

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Mcas. Depth
				N/A	

32. Additional remarks (include plugging procedure):

10/03/2012 MI RU Cameron to set tbg head. Install 11" X 7-1/16" 5K tbg head single 2-1/16" outlet valves installed on each side & a 7-1/16" 5K manual frac valve. Test tbg head and MIRU four star to test frac valve. SDFN. RU Perforators LLC WLT w/ Crane & run CBL. WLTD @ 1191' & cement top @ 24'. No short jt. Log w/ 0 psi RU H/O truck & Four Star pressure testing Unit. Pressure test casing to 3000 psi for 30 minutes. Test side valves, and frac valve to 3000 psi for 10 minutes with no departure, Test good. Pressure test Lubricator to 5000 psi. Perforate, Uinta @ (1118'-23', 1004'-09') w/ 3 1/8" Disposable guns (16 gram .34" EH 22" pen w/120° phasing) w/ 3 spf for total of 30 shots. POOH w/ WL, RD WL, SWI. Pump 2 bbbs to fill hole and pumped 1.5 bbbs to breakdown Uinta perms at 1900 psi. Pumped 1 bbbs into perms. ISDP @ 750 psi. BD to 0 in 10 sec. RD H/O truck, four Star & The Perforators WLT & mast. RIH w/ sandline & swab. Tag fluid @ 700'. Make 2- swab runs & collect samples. RD swab lube & sandline. RU rig floor. ND BOPs. Land tbg @ 1119.07' and NU wellhead flange. RDMO 13:00 on 10/10/2012.

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) Jill L. Loyle 303-383-4135 Title Regulatory Technician
 Signature  Date 10/16/2012

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.