

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 J-17-9-16
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 Oil 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-64379	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 type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2100 FNL 750 FWL	SWNW	16	9.0 S	16.0 E	S
Top of Uppermost Producing Zone	1543 FNL 243 FWL	SWNW	16	9.0 S	16.0 E	S
At Total Depth	988 FNL 237 FEL	NENE	17	9.0 S	16.0 E	S

21. COUNTY DUCHESENE	22. DISTANCE TO NEAREST LEASE LINE (Feet) 237	23. NUMBER OF ACRES IN DRILLING UNIT 20
27. ELEVATION - GROUND LEVEL 5921	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completion) 75	26. PROPOSED DEPTH MD: 6173 TVD: 5955
	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 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 617	15.5	J-55 LT&C	8.3	Premium Lite High Strength	282	3.26	11.0
							50/50 Poz	363	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 checked="" 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 07/19/2012	EMAIL mcrozier@newfield.com
API NUMBER ASSIGNED 43013515880000		APPROVAL

Received: July 20, 2012

NEWFIELD PRODUCTION COMPANY
GMBU J-17-9-16
AT SURFACE: SW/NW SECTION 16, T9S R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

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

Uinta 0' – 1595'
Green River 1595'
Wasatch 6245'
Proposed TD 6173'

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

Green River Formation (Oil) 1595' – 6245'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. Casing Design: GMBU J-17-9-16

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,173'	15.5	J-55	LTC	4,810 2.45	4,040 2.06	217,000 2.27

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.15 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

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

b. Cementing Design: GMBU J-17-9-16

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17
			161			
Prod casing Lead	4,173'	Prem Lite II w/ 10% gel + 3% KCl	288	30%	11.0	3.26
			940			
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363	30%	14.3	1.24
			451			

- *Actual volume pumped will be 15% over the caliper log
 - Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
 - Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

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

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

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

From surface to ± 300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

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

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

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

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

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

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

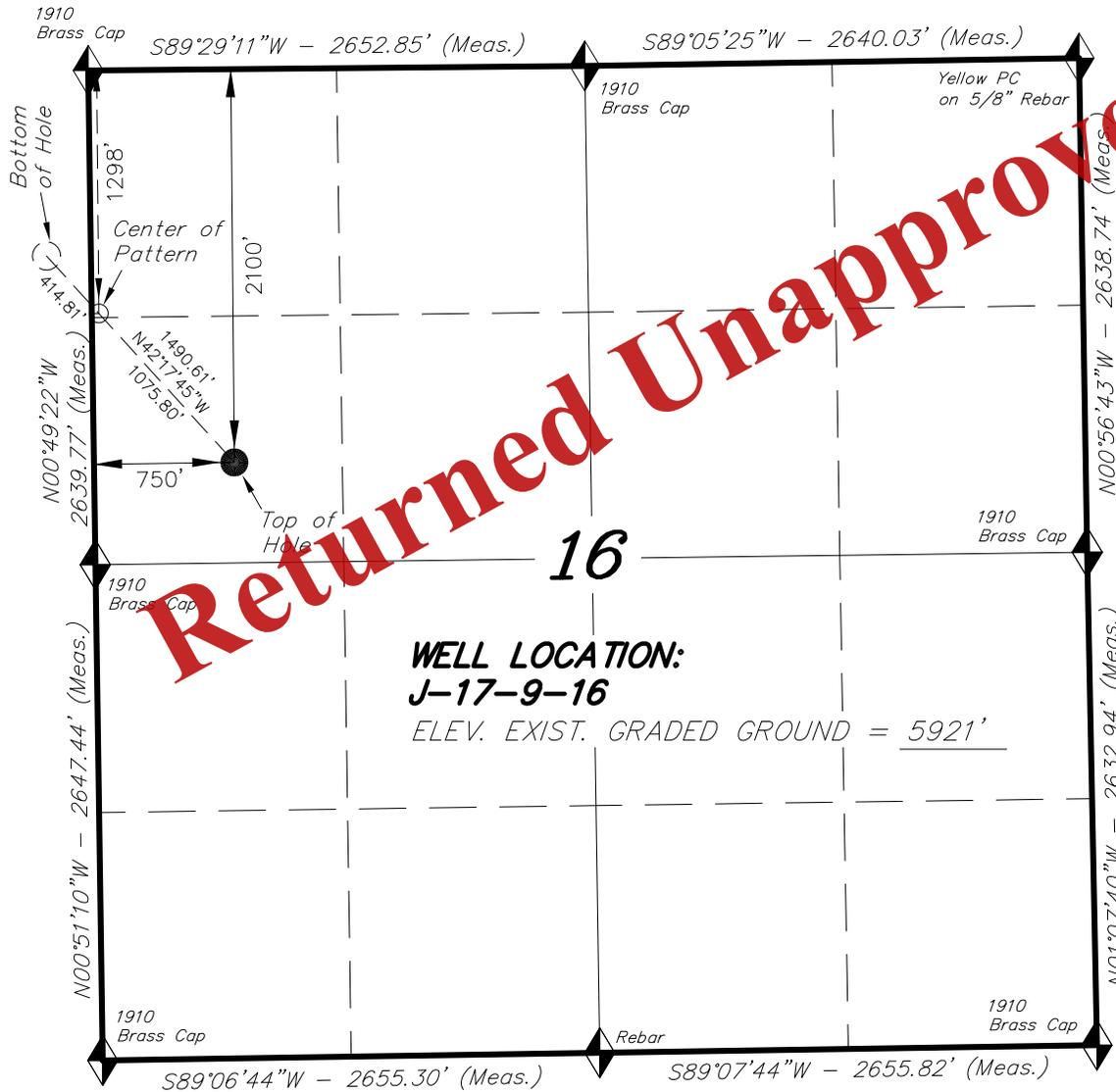
10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2012, and take approximately seven (7) days from spud to rig release.

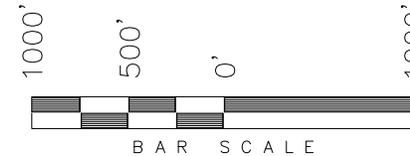
Returned Unapproved

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

NEWFIELD EXPLORATION COMPANY



WELL LOCATION, J-17-9-16, LOCATED AS SHOWN IN THE SW 1/4 NW 1/4 OF SECTION 16, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

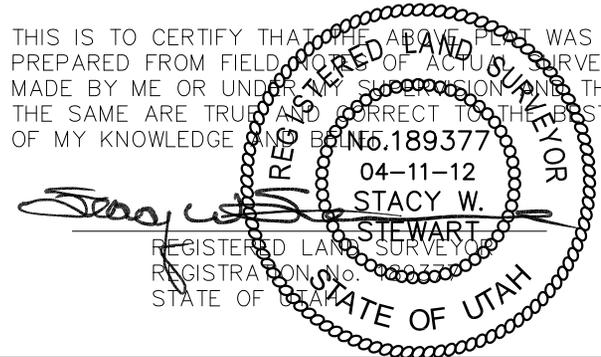


NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Center of Pattern footages are 1298' FNL & 38' FWL.

WELL LOCATION:
J-17-9-16
 ELEV. EXIST. GRADED GROUND = 5921'

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.



◆ = 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'

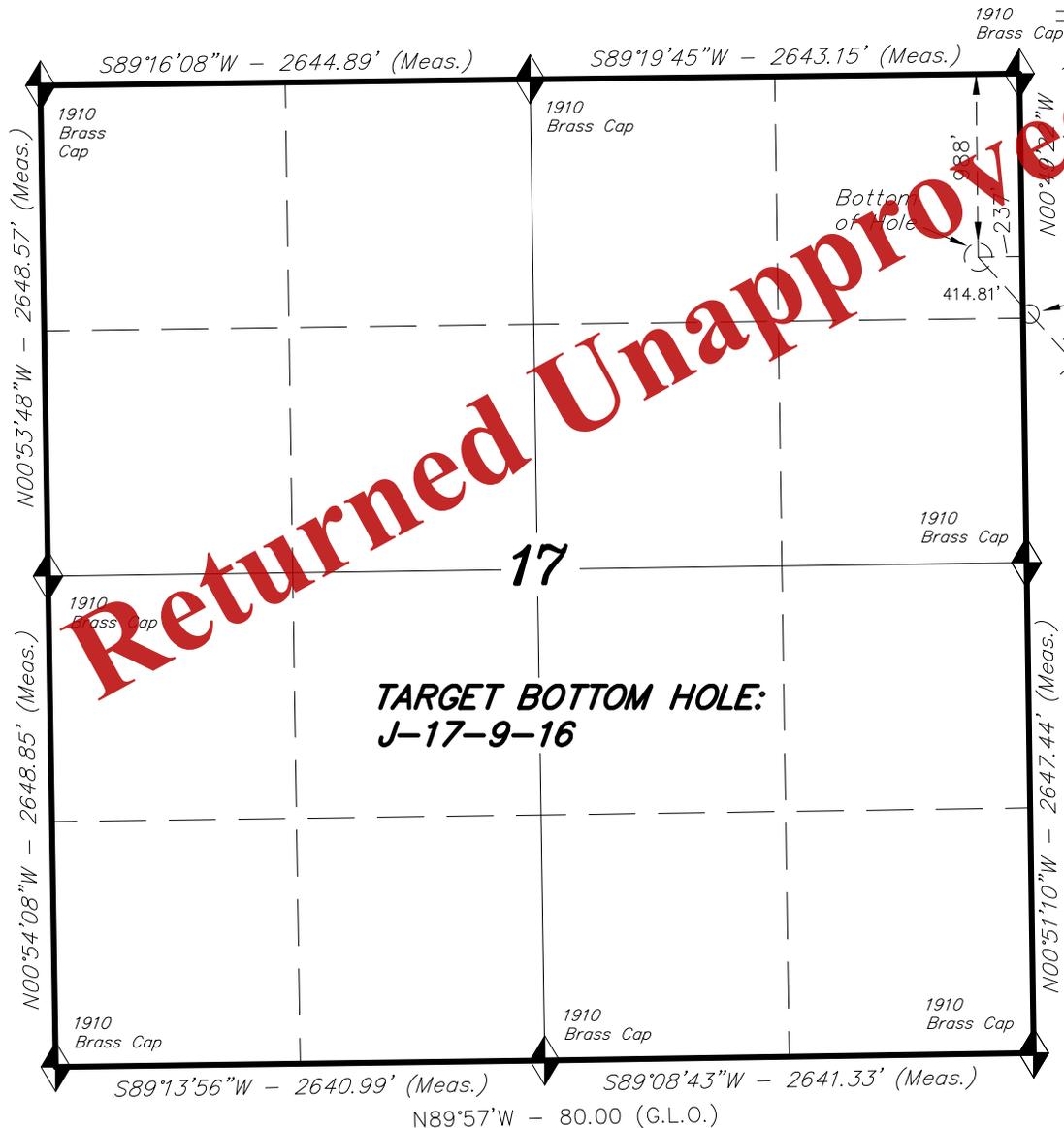
J-17-9-16
 (Surface Location) NAD 83
 LATITUDE = 40° 01' 56.46"
 LONGITUDE = 110° 07' 51.89"

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

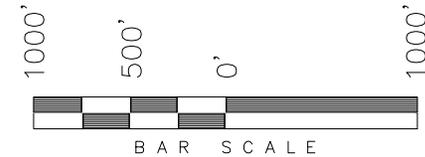
DATE SURVEYED: 01-06-12	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 04-11-12	DRAWN BY: M.W.	V2
REVISED:	SCALE: 1" = 1000'	

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

NEWFIELD EXPLORATION COMPANY



TARGET BOTTOM HOLE, J-17-9-16,
 LOCATED AS SHOWN IN THE NE 1/4 NE
 1/4 OF SECTION 17, 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.

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REGISTERED LAND SURVEYOR
 No. 189377
 04-11-12
 STACY W. STEWART
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

◆ = 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'

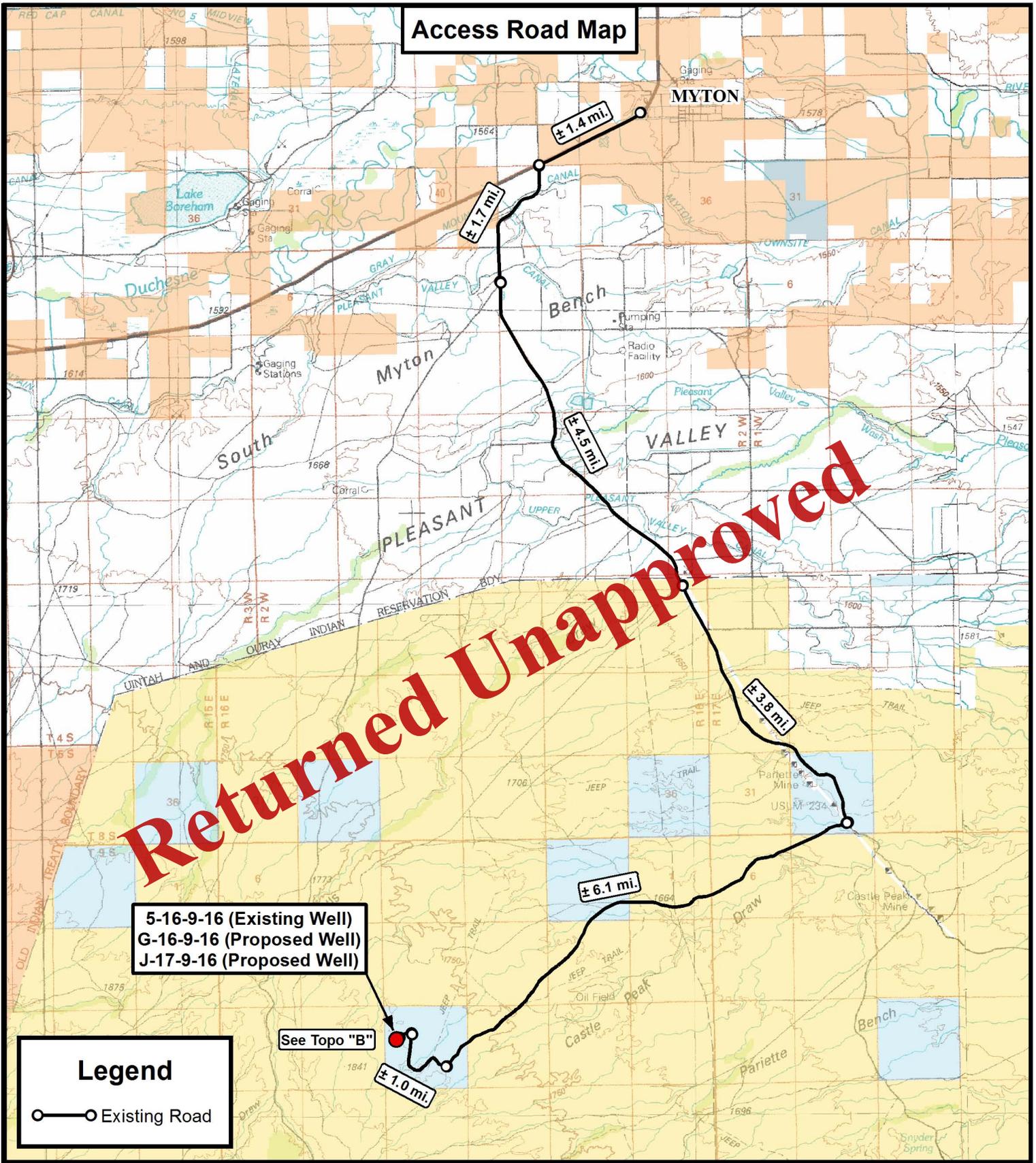
TRI STATE LAND SURVEYING & CONSULTING

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 (435) 781-2501

DATE SURVEYED: 01-06-12	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 04-11-12	DRAWN BY: M.W.	V2
REVISED:	SCALE: 1" = 1000'	

Received: July 19, 2012

Access Road Map



5-16-9-16 (Existing Well)
 G-16-9-16 (Proposed Well)
 J-17-9-16 (Proposed Well)

See Topo "B"

Legend

○—○ Existing Road

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 F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

5-16-9-16 (Existing Well)
 G-16-9-16 (Proposed Well)
 J-17-9-16 (Proposed Well)
 SEC. 16, T9S, R16E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	04-11-2012		V2
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET
A

Received: July 19, 2012

Access Road Map

5-16-9-16 (Existing Well)
 G-16-9-16 (Proposed Well)
 J-17-9-16 (Proposed Well)

Returned Unapproved

± 0.2 mi.

± 1.0 mi.

Myton ± 17.5 mi.

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.



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NEWFIELD EXPLORATION COMPANY

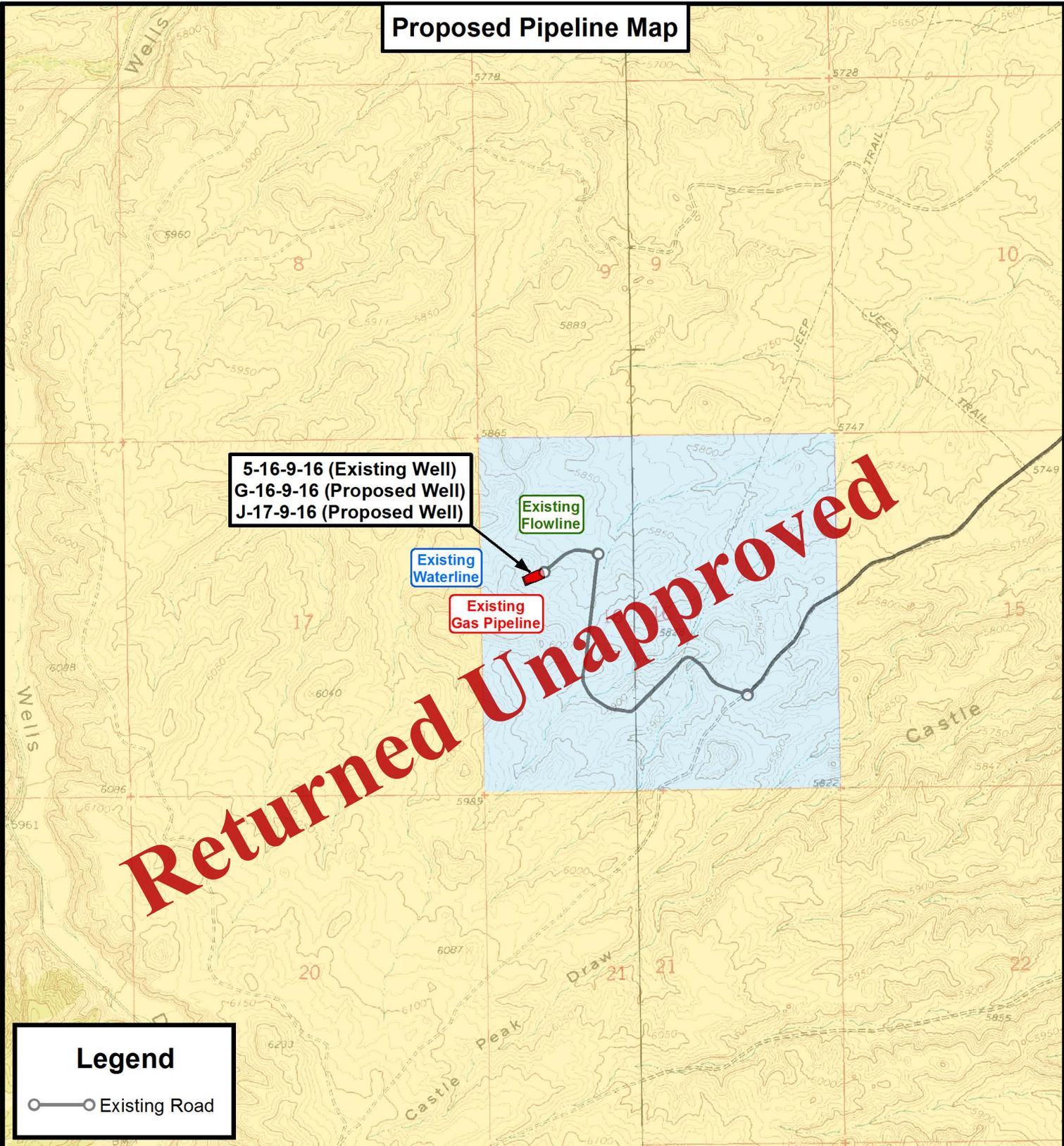
5-16-9-16 (Existing Well)
 G-16-9-16 (Proposed Well)
 J-17-9-16 (Proposed Well)
 SEC. 16, T9S, R16E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	04-11-12 A.P.C.	VERSION:
DATE:	02-14-2012			V2
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP	SHEET B
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Received: July 19, 2012

Proposed Pipeline Map



5-16-9-16 (Existing Well)
 G-16-9-16 (Proposed Well)
 J-17-9-16 (Proposed Well)

Existing Flowline

Existing Waterline

Existing Gas Pipeline

Legend

○—○ Existing Road

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 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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 F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

5-16-9-16 (Existing Well)
 G-16-9-16 (Proposed Well)
 J-17-9-16 (Proposed Well)

SEC. 16, T9S, R16E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	04-11-12 A.P.C.	VERSION:
DATE:	02-14-2012			V2
SCALE:	1" = 2,000'			

TOPOGRAPHIC MAP

SHEET **C**

Received: July 19, 2012

Exhibit "B" Map

5-16-9-16 (Existing Well)
 G-16-9-16 (Proposed Well)
 J-17-9-16 (Proposed Well)

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Legend

-  1 Mile Radius
-  Pad Location

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NEWFIELD EXPLORATION COMPANY

5-16-9-16 (Existing Well)
 G-16-9-16 (Proposed Well)
 J-17-9-16 (Proposed Well)
 SEC. 16, T9S, R16E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	04-11-2012		V2
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
D

Received: July 19, 2012



NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 16 T9S, R16E
J-17-9-16

Wellbore #1

Plan: Design #1

Standard Planning Report

16 July, 2012

Returned Unapproved





Payzone Directional Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well J-17-9-16
Company:	NEWFIELD EXPLORATION	TVD Reference:	J-17-9-16 @ 5933.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	J-17-9-16 @ 5933.0ft (Original Well Elev)
Site:	SECTION 16 T9S, R16E	North Reference:	True
Well:	J-17-9-16	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

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

Site	SECTION 16 T9S, R16E		
Site Position:		Northing:	7,183,440.35 ft
From:	Lat/Long	Easting:	2,023,704.73 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40° 1' 56.460 N
		Longitude:	110° 7' 51.890 W
		Grid Convergence:	0.88 °

Well	J-17-9-16, SHL LAT: 40°01'56.46" LONG: 110°07'51.89"		
Well Position	+N/-S	0.0 ft	Northing: 7,183,440.34 ft
	+E/-W	0.0 ft	Easting: 2,023,704.73 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,933.0 ft
		Ground Level:	5,921.0 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2010	4/9/2012	11.23
			Dip Angle (°)
			65.75
			Field Strength (nT)
			52,170

Design	Design #1		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)
	0.0	0.0	0.0
			Direction (°)
			317.70

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,756.4	17.35	317.70	1,738.8	128.5	-116.9	1.50	1.50	0.00	317.70	
4,782.2	17.35	317.70	4,627.0	795.7	-724.0	0.00	0.00	0.00	0.00	J-17-9-16 TGT
6,173.5	17.35	317.70	5,955.0	1,102.5	-1,003.2	0.00	0.00	0.00	0.00	



Payzone Directional
Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well J-17-9-16
Company:	NEWFIELD EXPLORATION	TVD Reference:	J-17-9-16 @ 5933.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	J-17-9-16 @ 5933.0ft (Original Well Elev)
Site:	SECTION 16 T9S, R16E	North Reference:	True
Well:	J-17-9-16	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	317.70	700.0	1.0	-0.9	1.3	1.50	1.50	0.00
800.0	3.00	317.70	799.9	3.9	-3.5	5.2	1.50	1.50	0.00
900.0	4.50	317.70	899.7	8.7	-7.9	11.8	1.50	1.50	0.00
1,000.0	6.00	317.70	999.3	15.5	-14.1	20.9	1.50	1.50	0.00
1,100.0	7.50	317.70	1,098.6	24.2	-22.0	32.7	1.50	1.50	0.00
1,200.0	9.00	317.70	1,197.5	34.8	-31.6	47.0	1.50	1.50	0.00
1,300.0	10.50	317.70	1,296.1	47.3	-43.0	64.0	1.50	1.50	0.00
1,400.0	12.00	317.70	1,394.2	61.7	-56.2	83.3	1.50	1.50	0.00
1,500.0	13.50	317.70	1,491.7	78.1	-71.0	105.5	1.50	1.50	0.00
1,600.0	15.00	317.70	1,588.6	96.3	-87.6	130.2	1.50	1.50	0.00
1,700.0	16.50	317.70	1,684.9	116.3	-105.9	157.3	1.50	1.50	0.00
1,756.4	17.35	317.70	1,738.8	128.5	-116.9	173.7	1.50	1.50	0.00
1,800.0	17.35	317.70	1,780.4	138.1	-125.7	186.7	0.00	0.00	0.00
1,900.0	17.35	317.70	1,875.0	160.1	-145.7	216.5	0.00	0.00	0.00
2,000.0	17.35	317.70	1,971.3	182.2	-165.8	246.3	0.00	0.00	0.00
2,100.0	17.35	317.70	2,066.6	204.2	-185.9	276.2	0.00	0.00	0.00
2,200.0	17.35	317.70	2,162.2	226.3	-205.9	306.0	0.00	0.00	0.00
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2,600.0	17.35	317.70	2,544.1	314.5	-286.2	425.2	0.00	0.00	0.00
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2,800.0	17.35	317.70	2,735.0	358.6	-326.3	484.8	0.00	0.00	0.00
2,900.0	17.35	317.70	2,830.4	380.7	-346.4	514.7	0.00	0.00	0.00
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3,200.0	17.35	317.70	3,116.8	446.8	-406.6	604.1	0.00	0.00	0.00
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3,500.0	17.35	317.70	3,403.1	513.0	-466.8	693.5	0.00	0.00	0.00
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4,300.0	17.35	317.70	4,166.7	689.4	-627.3	932.0	0.00	0.00	0.00
4,400.0	17.35	317.70	4,262.2	711.4	-647.3	961.9	0.00	0.00	0.00
4,500.0	17.35	317.70	4,357.6	733.5	-667.4	991.7	0.00	0.00	0.00
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4,782.2	17.35	317.70	4,627.0	795.7	-724.0	1,075.8	0.00	0.00	0.00
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4,900.0	17.35	317.70	4,739.5	821.7	-747.7	1,110.9	0.00	0.00	0.00
5,000.0	17.35	317.70	4,834.9	843.7	-767.7	1,140.7	0.00	0.00	0.00
5,100.0	17.35	317.70	4,930.4	865.8	-787.8	1,170.6	0.00	0.00	0.00



Payzone Directional
Planning Report



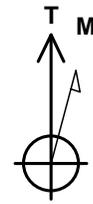
Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well J-17-9-16
Company:	NEWFIELD EXPLORATION	TVD Reference:	J-17-9-16 @ 5933.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	J-17-9-16 @ 5933.0ft (Original Well Elev)
Site:	SECTION 16 T9S, R16E	North Reference:	True
Well:	J-17-9-16	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	17.35	317.70	5,025.8	887.8	-807.9	1,200.4	0.00	0.00	0.00
5,300.0	17.35	317.70	5,121.3	909.9	-827.9	1,230.2	0.00	0.00	0.00
5,400.0	17.35	317.70	5,216.7	931.9	-848.0	1,260.0	0.00	0.00	0.00
5,500.0	17.35	317.70	5,312.2	954.0	-868.1	1,289.8	0.00	0.00	0.00
5,600.0	17.35	317.70	5,407.6	976.0	-888.1	1,319.6	0.00	0.00	0.00
5,700.0	17.35	317.70	5,503.1	998.1	-908.2	1,349.4	0.00	0.00	0.00
5,800.0	17.35	317.70	5,598.5	1,020.1	-928.2	1,379.2	0.00	0.00	0.00
5,900.0	17.35	317.70	5,694.0	1,042.2	-948.3	1,409.1	0.00	0.00	0.00
6,000.0	17.35	317.70	5,789.4	1,064.2	-968.4	1,438.9	0.00	0.00	0.00
6,100.0	17.35	317.70	5,884.9	1,086.3	-988.4	1,468.7	0.00	0.00	0.00
6,173.5	17.35	317.70	5,955.0	1,102.5	-1,003.2	1,490.6	0.00	0.00	0.00

Returned Unapproved



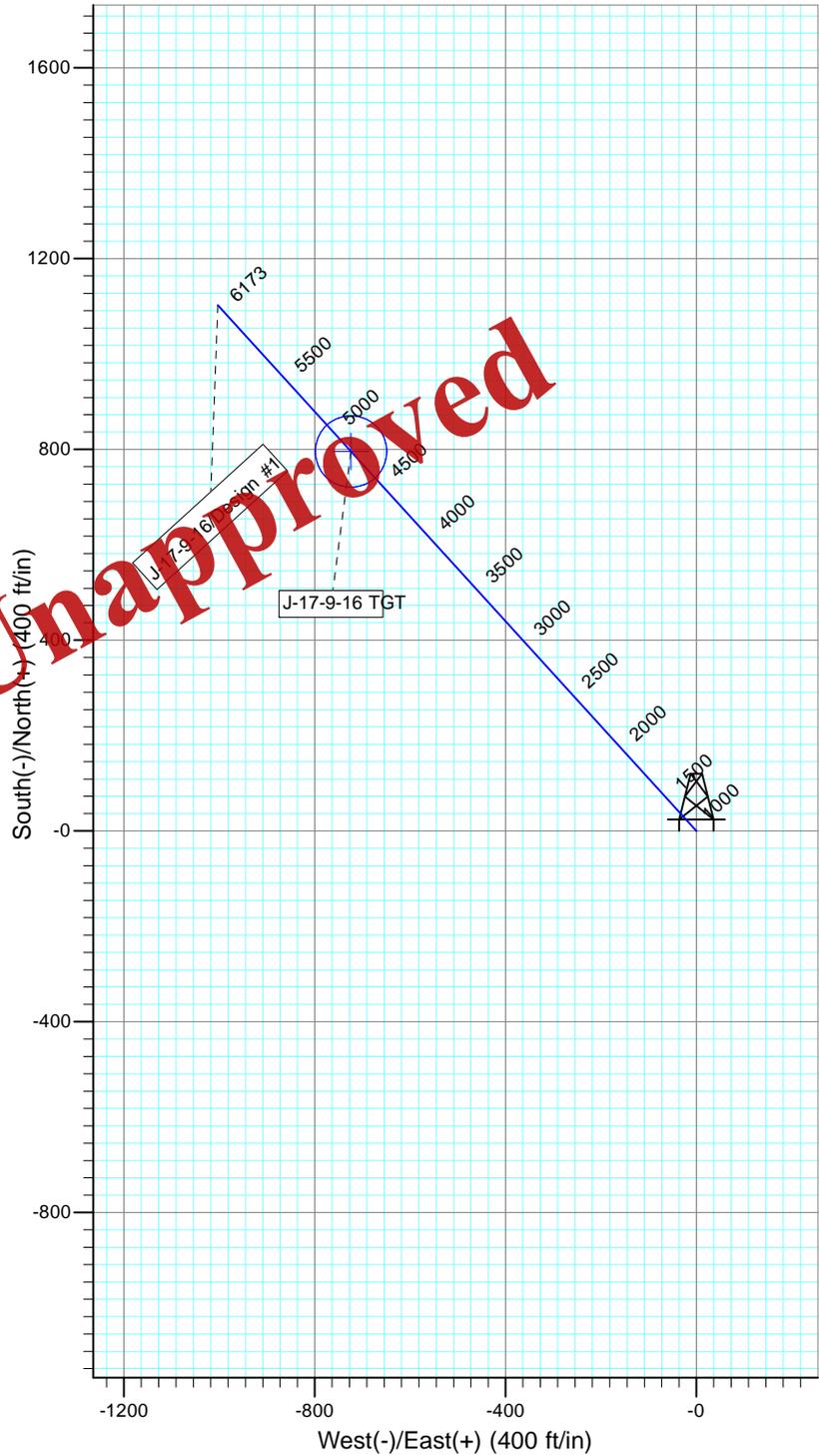
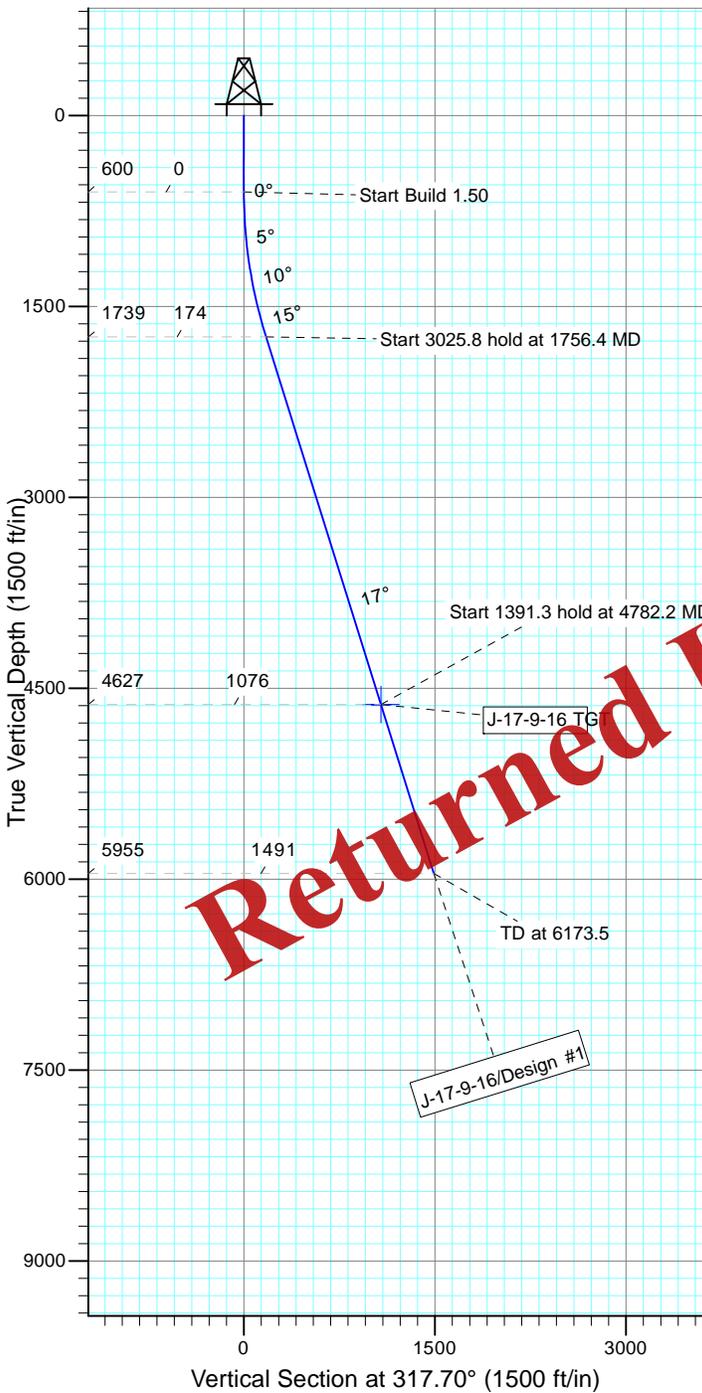
Project: USGS Myton SW (UT)
 Site: SECTION 16 T9S, R16E
 Well: J-17-9-16
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.23°

Magnetic Field
 Strength: 52169.7snT
 Dip Angle: 65.75°
 Date: 4/9/2012
 Model: IGRF2010

KOP @ 600'
 DOGLEG RATE 1.5 DEG/100



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
J-17-9-16 TGT	4627.0	795.7	-724.0	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1756.4	17.35	317.70	1738.8	128.5	-116.9	1.50	317.70	173.7	
4	4782.2	17.35	317.70	4627.0	795.7	-724.0	0.00	0.00	1075.8	J-17-9-16 TGT
5	6173.5	17.35	317.70	5955.0	1102.5	-1003.2	0.00	0.00	1490.6	



Received: July 19, 2012

**NEWFIELD PRODUCTION COMPANY
GMBU J-17-9-16
AT SURFACE: SW/NW SECTION 16, 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 J-17-9-16 located in the SW 1/4 NW 1/4 Section 16, 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 road to the southwest; proceed southwesterly - 6.1 miles \pm to its junction with an existing road to the northwest; proceed in a northwesterly direction - 1.0 miles \pm to its junction with an existing road to the southwest; proceed southwesterly - 0.2 miles \pm to its junction with the beginning of the access road to the existing 5-16-9-16 well pad.

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 well will be drilled directionally off of the existing 5-16-9-16 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 (A30414DVZ, 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** – State of Utah DOGM.

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-1297s 10/31/07, prepared by Montgomery Archaeological

Consultants. Paleontological Resource Survey prepared by, Wade E. Miller, 5/22/12. 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 W-16-9-16 was on-sited on 5/18/12. The following were present; Corie Miller (Newfield Production), Janna Simonsen (Bureau of Land Management), and Dave Gordon (Bureau of Land Management).

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU J-17-9-16, 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 J-17-9-16, 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 HMD, 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: Corie Miller
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 #W-16-9-16, Section 16, Township 9S, Range 16E: Lease UTU-64379 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.

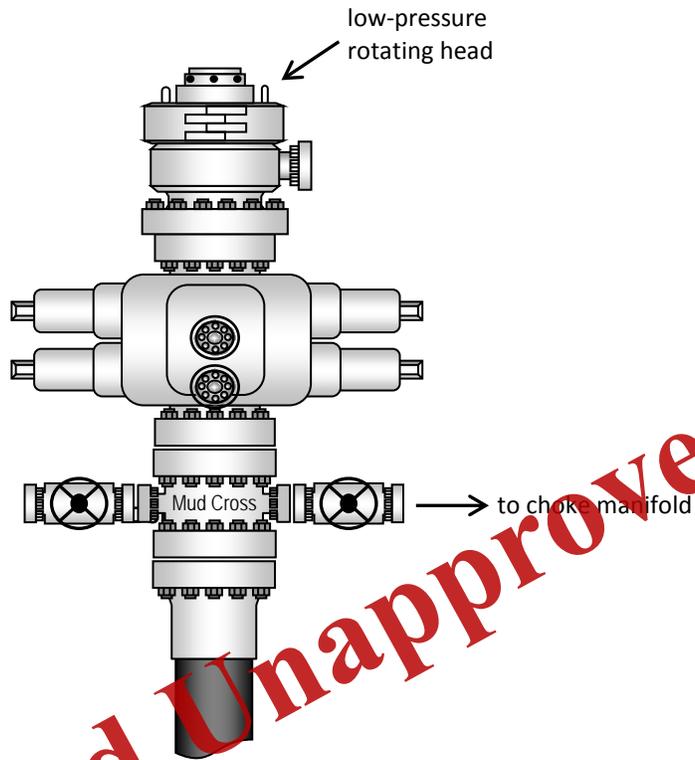
7/12/12
Date

Mandie Crozier
Regulatory Analyst
Newfield Production Company

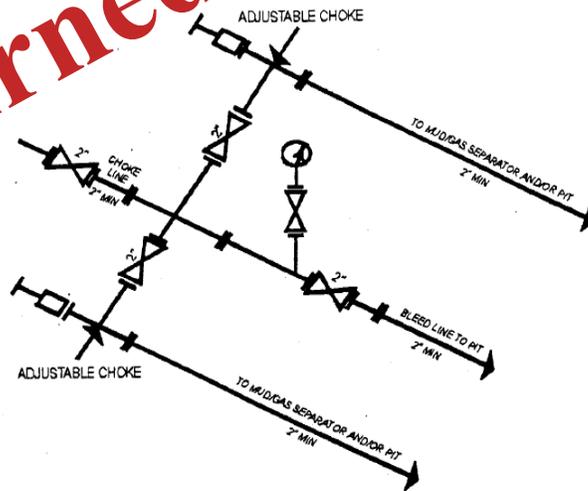
Returned Unapproved

Received: July 19, 2012

Typical 2M BOP stack configuration



Returned Unapproved



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

NEWFIELD EXPLORATION COMPANY

WELL PAD INTERFERENCE PLAT

5-16-9-16 (Existing Well)

G-16-9-16 (Proposed Well)

J-17-9-16 (Proposed Well)

Pad Location: SWNW Section 16 T9S, R16E, S.L.B.&M.



(To Center of Pattern)
N42°17'45"W - 1075.40'
(To Bottom Hole)
N42°17'45"W - 1490.40'

(To Center of Pattern)
N38°09'45"E - 969.40'
(To Bottom Hole)
N38°09'45"E - 1334.04'

Returned Unapproved

TOP HOLE FOOTAGES

G-16-9-16 (PROPOSED)
2081' FNL & 759' FWL

J-17-9-16 (PROPOSED)
2100' FNL & 750' FWL

CENTER OF PATTERN FOOTAGES

G-16-9-16 (PROPOSED)
1324' FNL & 1369' FWL

J-17-9-16 (PROPOSED)
1298' FNL & 38' FWL

BOTTOM HOLE FOOTAGES

G-16-9-16 (PROPOSED)
1039' FNL & 1598' FWL

J-17-9-16 (PROPOSED)
988' FNL & 237' FEL

Note:

Bearings are based on GPS Observations.

RELATIVE COORDINATES From Top Hole to C.O.P.

WELL	NORTH	EAST
G-16-9-16	762'	599'
J-17-9-16	796'	-724'

RELATIVE COORDINATES From Top Hole to Bottom Hole

WELL	NORTH	EAST
G-16-9-16	1,049'	824'
J-17-9-16	1,103'	-1,003'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
5-16-9-16	40° 01' 56.84"	110° 07' 51.66"
G-16-9-16	40° 01' 56.65"	110° 07' 51.78"
J-17-9-16	40° 01' 56.46"	110° 07' 51.89"

SURVEYED BY: S.H.	DATE SURVEYED: 01-06-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 04-11-12	V2
SCALE: 1" = 60'	REVISED:	

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

Received: July 19, 2012

NEWFIELD EXPLORATION COMPANY

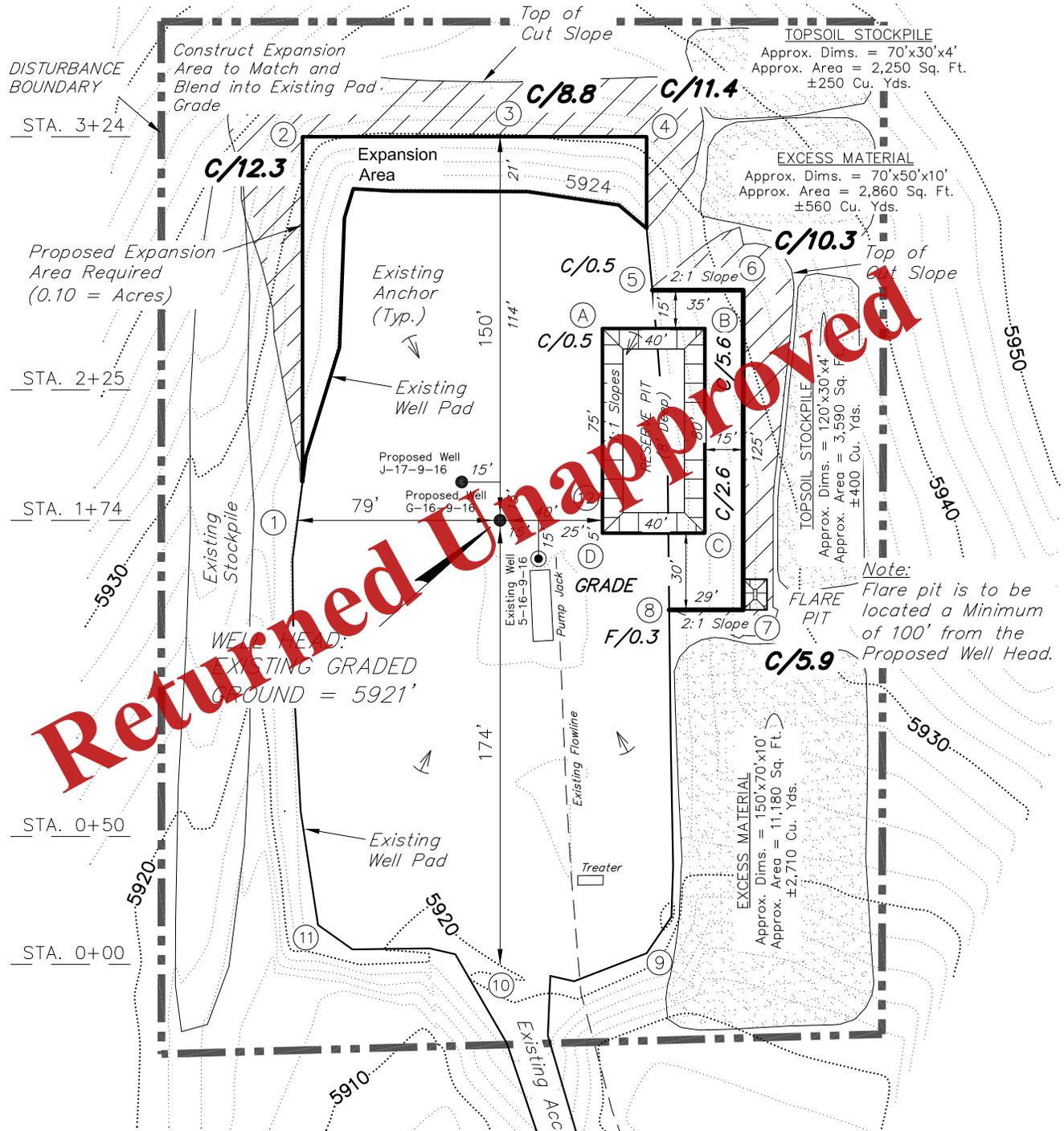
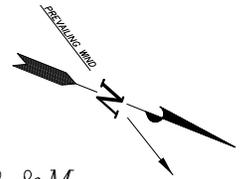
LOCATION LAYOUT

5-16-9-16 (Existing Well)

G-16-9-16 (Proposed Well)

J-17-9-16 (Proposed Well)

Pad Location: SWNW Section 16, T9S, R16E, S.L.B.&M.



Returned Unapproved

NOTE:
The topsoil & excess material areas are calculated as being mounds containing 3,920 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

Note:
Topsoil to be Stripped From All New Construction Areas and Proposed Stock Pile Locations

SURVEYED BY: S.H.	DATE SURVEYED: 01-06-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 02-11-12	V2
SCALE: 1" = 60'	REVISED: M.W. - 04-11-12	

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

Received: July 19, 2012

NEWFIELD EXPLORATION COMPANY

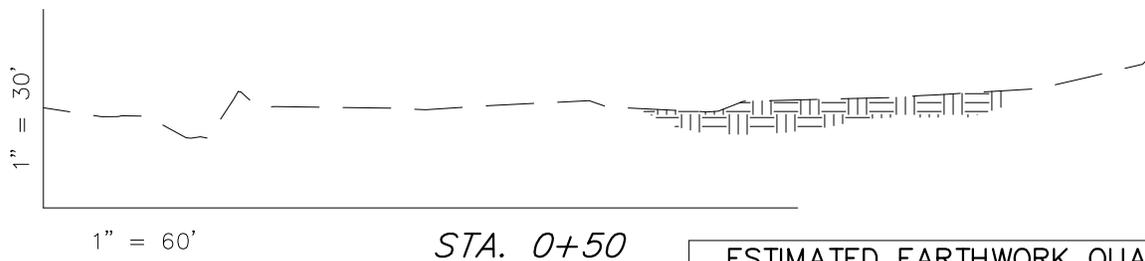
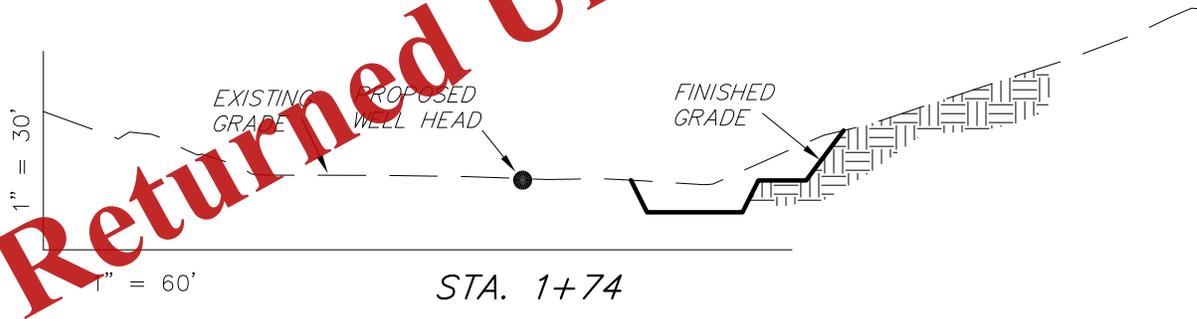
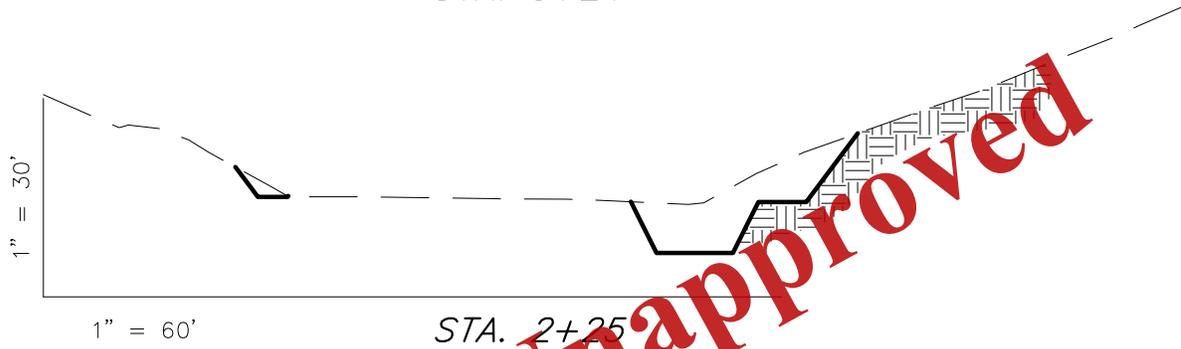
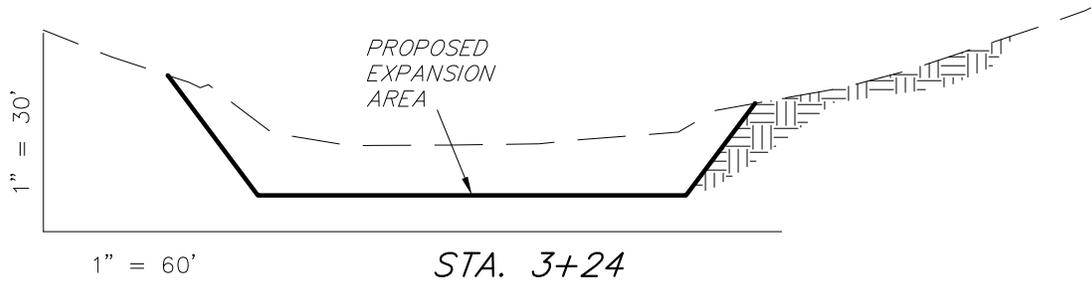
CROSS SECTIONS

5-16-9-16 (Existing Well)

G-16-9-16 (Proposed Well)

J-17-9-16 (Proposed Well)

Pad Location: SWNW Section 16, T9S, R16E, S.L.B.&M.



Returned Unapproved

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

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

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,290	10	Topsoil is not included in Pad Cut	2,280
PIT	690	0		690
TOTALS	2,980	10	590	2,970

SURVEYED BY: S.H.	DATE SURVEYED: 01-06-12	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 02-11-12	V2
SCALE: 1" = 60'	REVISED: M.W. - 04-11-12	

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

Received: July 19, 2012



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

July 31, 2012

NEWFIELD PRODUCTION
COMPANY
Rt 3 Box 3630
Myton, UT 84052

Re: Application for Permit to Drill - DUCHESNE County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the GMBU J-17-9-16 well, API 43013515880000 that was submitted July 19, 2012 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason
Environmental Scientist

Enclosure

cc: Bureau of Land Management, Vernal, Utah

