API Well Number: 43013514850000

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 State 1-18-3-1W	
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** WILDCAT
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
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) ML-51675	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ◉ FEE ○
12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ○ STATE ○ FEE ◉	
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Karl & Donna Lamb	**14. SURFACE OWNER PHONE (if box 12 = 'fee')** 435-823-6626
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') P.O. Box 332, ,	**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 ○ (Submit Commingling Application) NO ◉
19. SLANT VERTICAL ○ DIRECTIONAL ◉ HORIZONTAL ○	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	236 FNL 284 FEL	NENE	18	3.0 S	1.0 W	U
Top of Uppermost Producing Zone	660 FNL 660 FEL	NENE	18	3.0 S	1.0 W	U
At Total Depth	660 FNL 660 FEL	NENE	18	3.0 S	1.0 W	U

21. COUNTY DUCHESNE	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 236	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 0	**26. PROPOSED DEPTH** MD: 10234 TVD: 10200
27. ELEVATION - GROUND LEVEL 5148	**28. BOND NUMBER** B001834	**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
COND	17.5	13.375	0 - 60	48.0	H-40 ST&C	0.0	Class G	41	1.17	15.8
SURF	12.25	9.625	0 - 2505	36.0	J-55 ST&C	8.3	Premium Lite High Strength	204	3.53	11.0
							Class G	155	1.17	15.8
Prod	8.75	5.5	0 - 10234	17.0	P-110 LT&C	10.0	Premium Lite High Strength	471	3.53	11.0
							50/50 Poz	586	1.24	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☑ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Don Hamilton	**TITLE** Permitting Agent	**PHONE** 435 719-2018
SIGNATURE	**DATE** 06/12/2012	**EMAIL** starpoint@etv.net

API NUMBER ASSIGNED
43013514850000

APPROVAL

Permit Manager

RECEIVED: September 12, 2012

Newfield Production Company
State 1-18-3-1W
NE/NE Section 18, T3S, R1W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,585'
Garden Gulch Member	6,445'
Wasatch	8,725'
TD (TVD)	10,200'
TD (MD)	10,234'

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

Base of moderately saline	1,936'	(water)
Green River	8,225' - 8,725'	(oil)
Wasatch	8,725' - TD	(oil)

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Production	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Conductor	0'	60'	48	H-40	STC	--	--	--	1,730	770	322,000
13 3/8									--	--	--
Surface	0'	2500' TVD	36	J-55	STC	8.33	8.33	12	3,520	2,020	394,000
9 5/8		2505' MD							2.51	2.54	4.37
Production	0'	10,200' TVD	17	P-110	LTC	9.5	10	--	10,640	7,460	445,000
5 1/2		10,234' MD							2.65	1.74	2.56

Assumptions:

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

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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 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	48 / 41	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	720 / 204	15%	11.0	3.53
Surface Tail	12 1/4	505'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	182 / 155	15%	15.8	1.17
Production Lead	8 3/4	5,729'	Premium Lite II w/ 3% KCl + 10% bentonite	1664 / 471	15%	11.0	3.53
Production Tail	8 3/4	2,500'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	726 / 586	15%	14.3	1.24

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 production 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 - 2,505'	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. Water will be on location to be used as kill fluid, if necessary.
2,505' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 10.0 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

RECEIVED: June 12, 2012

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 PBTD to the cement top behind the production 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 0.49 psi/ft gradient.

10,200' x 0.49 psi/ft = 5039 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

This is planned as an "S" shaped directional well for a legal bottomhole location.
A directional plan is attached.

Newfield requests the following variances from Onshore Order #2:
- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

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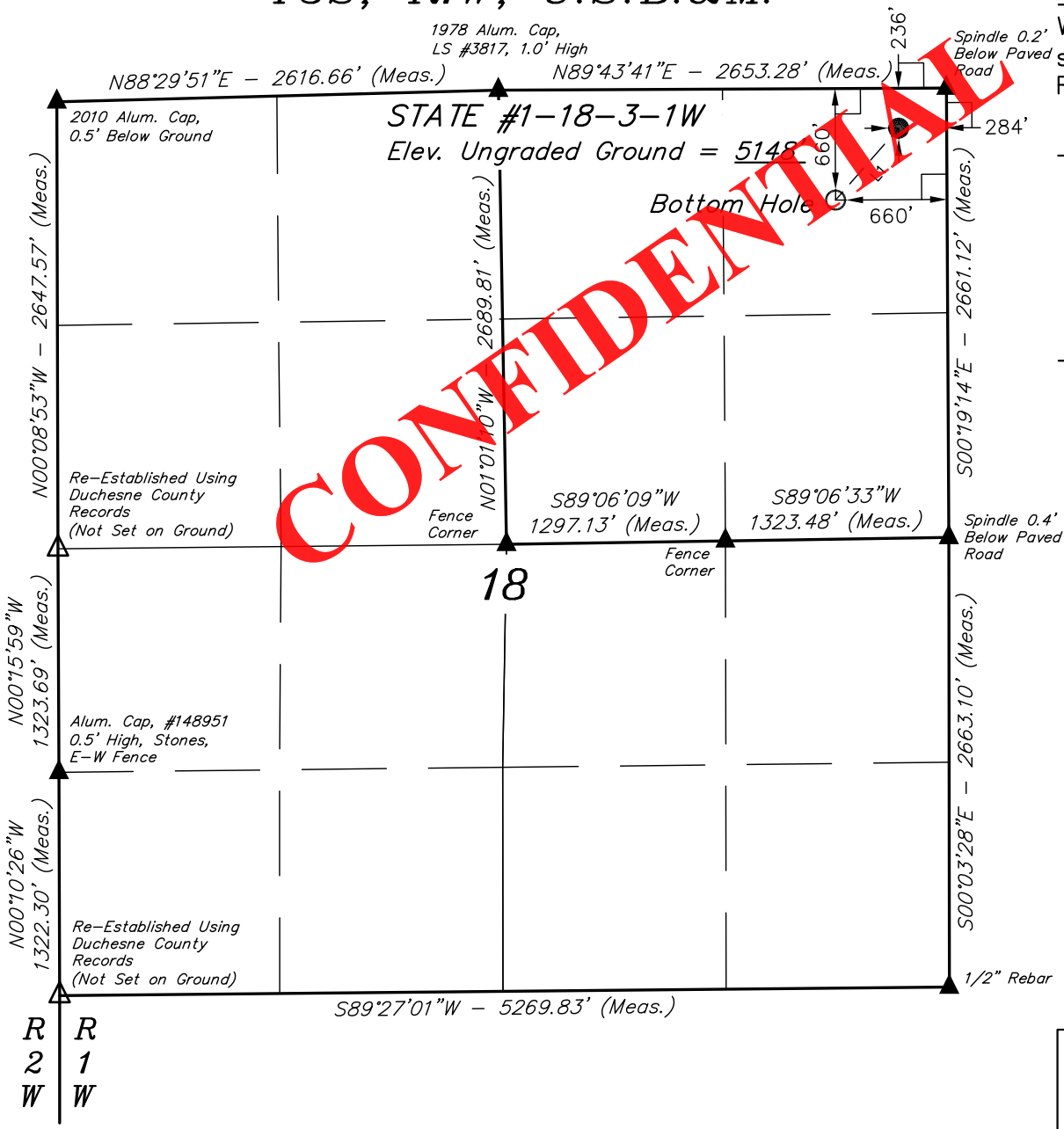
API Well Number: 43013514850000

T3S, R1W, U.S.B.&M.



NEWFIELD EXPLORATION COMPANY

Well location, STATE #1–18–3–1W, located as shown in the NE 1/4 NE 1/4 of Section 18, T3S, R1W, U.S.B.&M., Duchesne County, Utah.

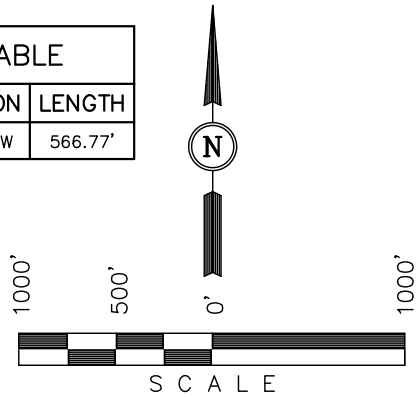
BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

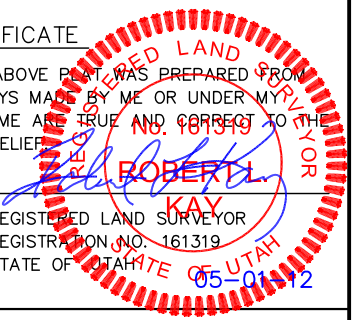
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S41°14'51"W	566.77'



CERTIFICATE

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

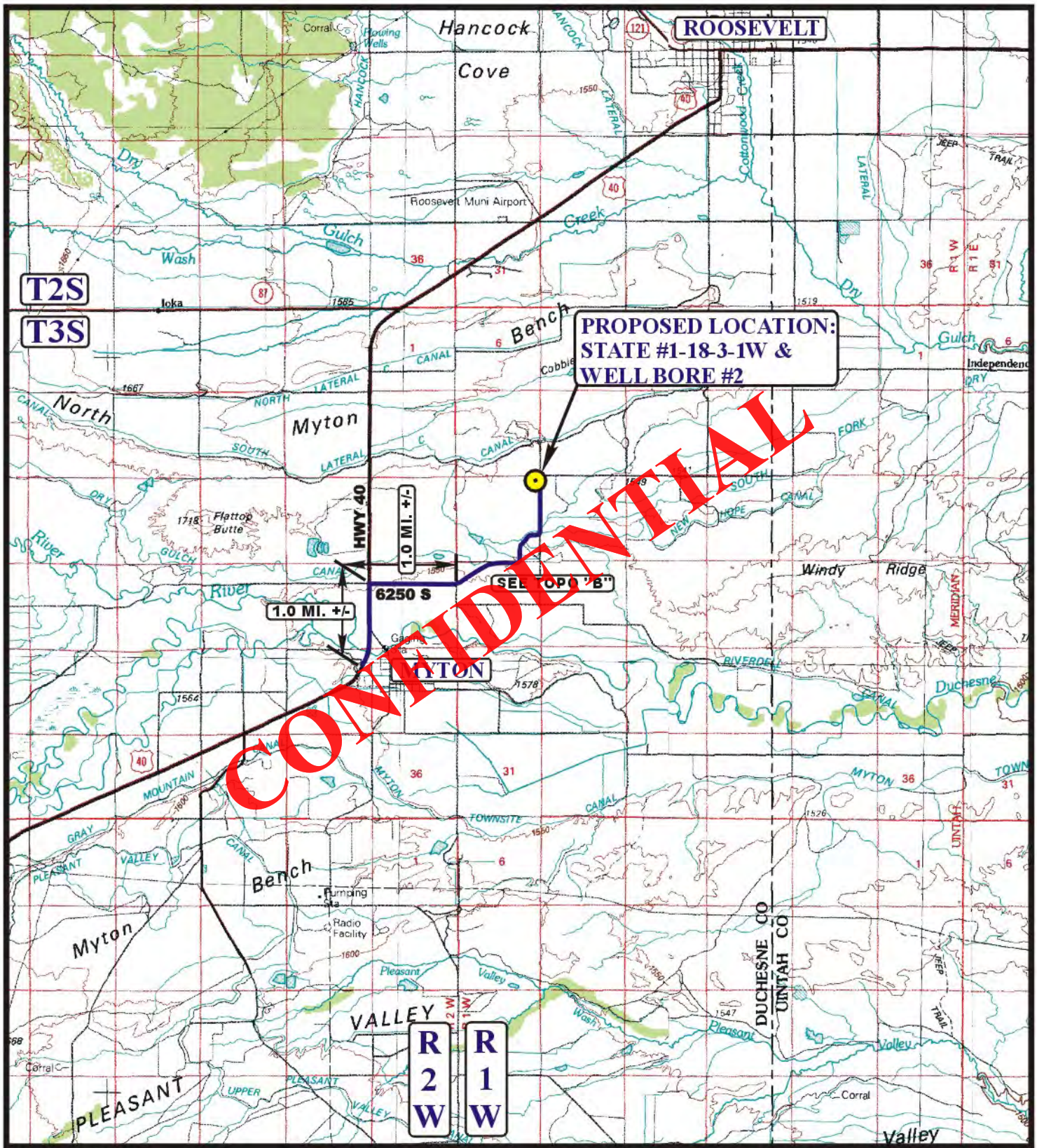
NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°13'40.74" (40.227983)	LATITUDE = 40°13'44.95" (40.229153)
LONGITUDE = 110°01'54.87" (110.031908)	LONGITUDE = 110°01'50.05" (110.030569)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°13'40.89" (40.228025)	LATITUDE = 40°13'45.10" (40.229194)
LONGITUDE = 110°01'52.33" (110.031203)	LONGITUDE = 110°01'47.51" (110.029864)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789–1017

SCALE: 1" = 1000'	DATE SURVEYED: 04–26–12	DATE DRAWN: 04–27–12
PARTY: M.A. T.B. J.J.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: NEWFIELD EXPLORATION COMPANY	

RECEIVED: June 12, 2012

API Well Number: 43013514850000



LEGEND:

PROPOSED LOCATION

N

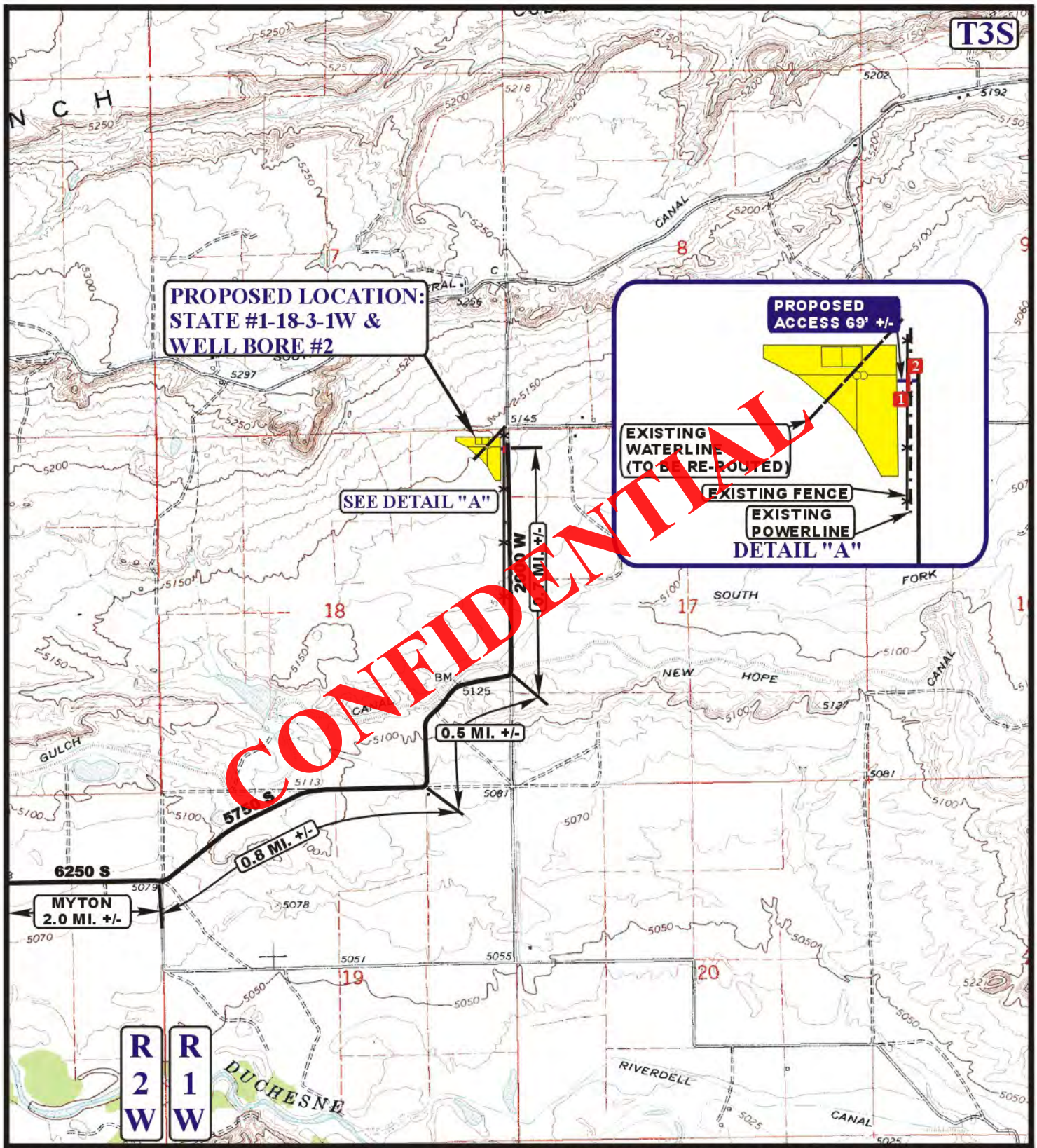
NEWFIELD EXPLORATION COMPANY

STATE #1-18-3-1W & WELL BORE #2
SECTION 18, T3S, R1W, U.S.B.&M.
NE 1/4 NE 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	04 MONTH	27 DAY	12 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.I.	REVISED: 05-15-12		

API Well Number: 43013514850000



LEGEND:

EXISTING ROAD
PROPOSED ACCESS ROAD
EXISTING FENCE
EXISTING POWERLINE
1 INSTALL CATTLE GUARD 2 18" CMP REQUIRED

N

NEWFIELD EXPLORATION COMPANY

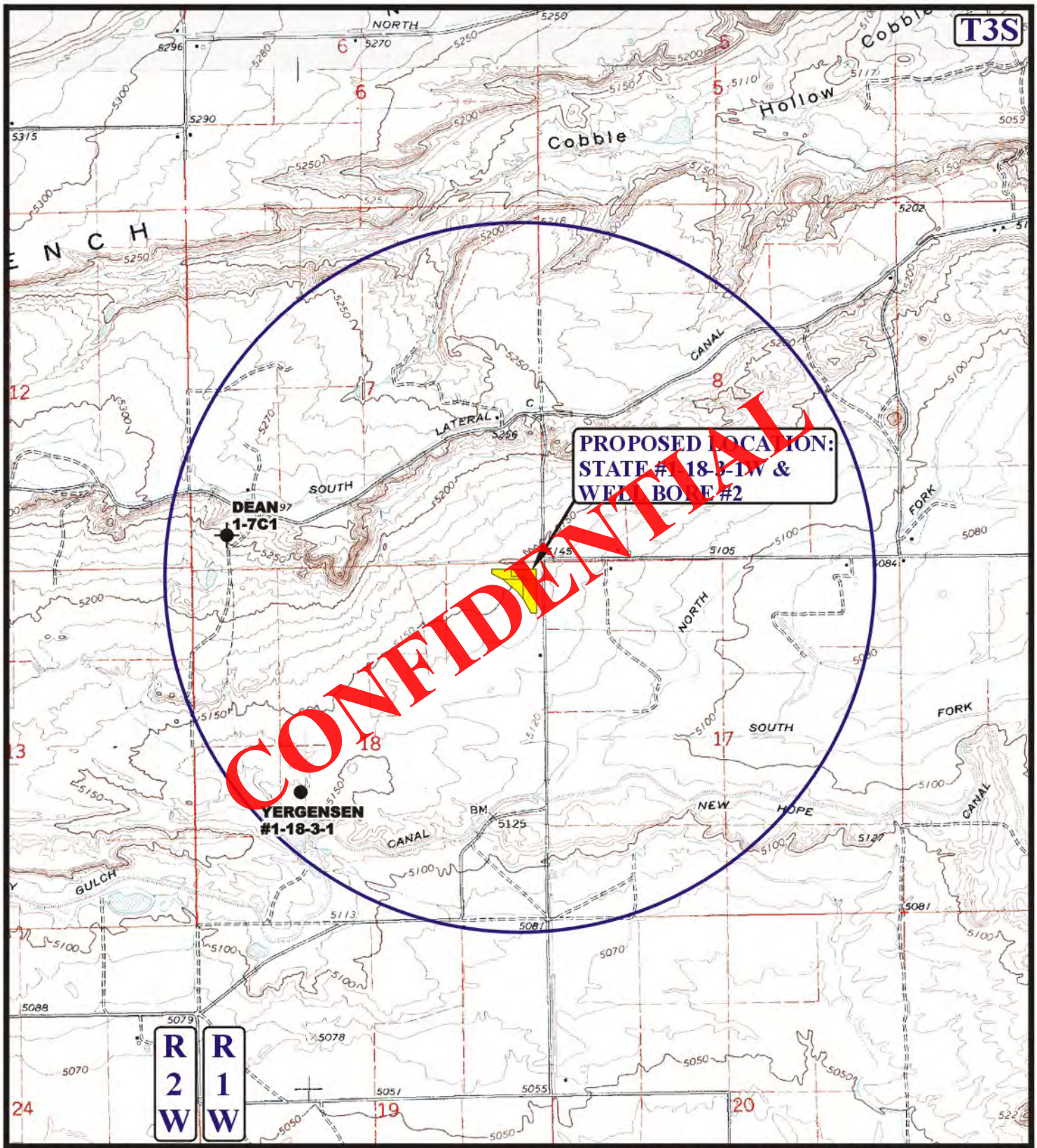
STATE #1-18-3-1W & WELL BORE #2
SECTION 18, T3S, R1W, U.S.B.&M.
NE 1/4 NE 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP | 04 MONTH | 27 DAY | 12 YEAR | B TOPO

SCALE: 1" = 2000' | DRAWN BY: C.I. | REVISED: 05-15-12

API Well Number: 43013514850000



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

NEWFIELD EXPLORATION COMPANY

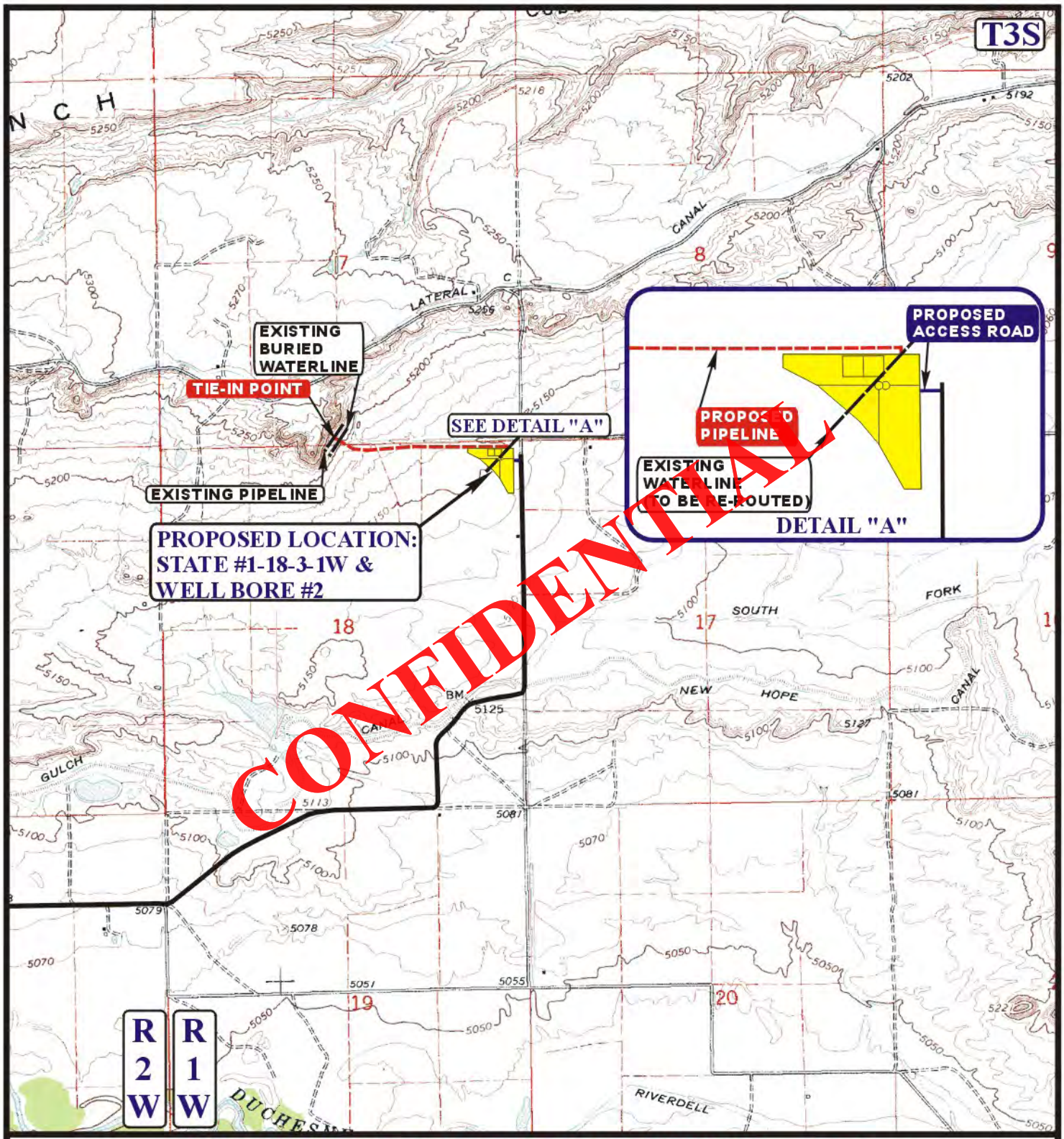
STATE #1-18-3-1W & WELL BORE #2
SECTION 18, T3S, R1W, U.S.B.&M.
NE 1/4 NE 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 04 MONTH | 27 DAY | 12 YEAR | C TOPO

SCALE: 1" = 2000' | DRAWN BY: C.I. | REVISED: 05-15-12

API Well Number: 43013514850000



LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

NEWFIELD EXPLORATION COMPANY

STATE #1-18-3-1W & WELL BORE #2
SECTION 18, T3S, R1W, U.S.B.&M.
NE 1/4 NE 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 04 MONTH | 27 DAY | 12 YEAR | D TOPO

SCALE: 1" = 2000' | DRAWN BY: C.I. | REVISED: 05-15-12

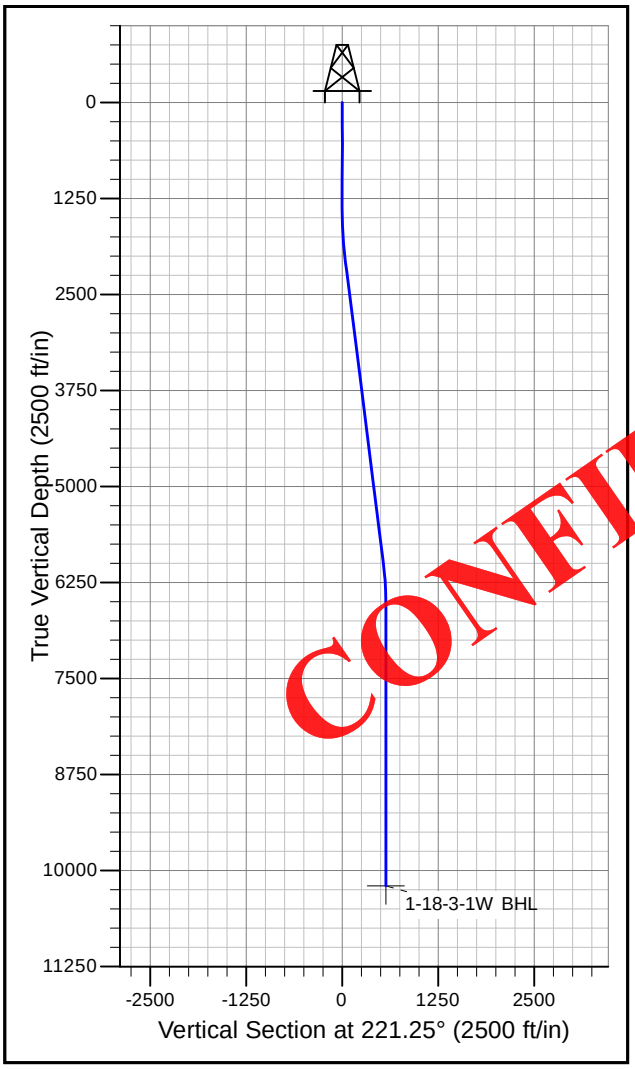
NEWFIELD
ROCKY MOUNTAINS

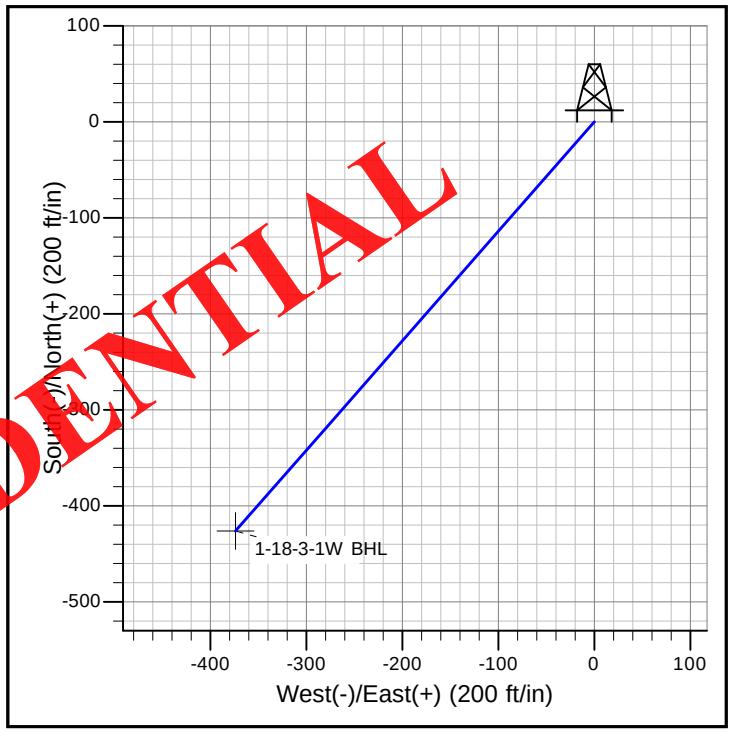
Newfield Production Company

Project: Uinta Basin
Site: State 1-18-3-1W
Well: State 1-18-3-1W
Wellbore: Wellbore #1
Design: Design #1

All Azimuths to True North
Magnetic North: 11.19°

Magnetic Field
Strength: 52328.7snT
Dip Angle: 65.94°
Date: 5/15/2012
Model: IGRF200510





PROJECT DETAILS: Uinta Basin

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

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1976.1	7.14	221.25	1974.9	-22.3	-19.5	1.50	221.25	29.6	
4	6058.0	7.14	221.25	6025.1	-403.9	-354.1	0.00	0.00	537.1	
5	6534.1	0.00	0.00	6500.0	-426.1	-373.7	1.50	180.00	566.8	
6	10234.1	0.00	0.00	10200.0	-426.1	-373.7	0.00	0.00	566.8	1-18-3-1W BHL

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API Well Number: 43013514850000

Newfield Production Company

Uinta Basin
State 1-18-3-1W
State 1-18-3-1W

Wellbore #1

Plan: Design #1

Standard Planning Report

15 May, 2012

RECEIVED: June 12, 2012

Newfield Exploration

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Site State 1-18-3-1W
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 5166.0ft
Project:	Uinta Basin	**MD Reference:**	RKB @ 5166.0ft
Site:	State 1-18-3-1W	**North Reference:**	True
Well:	State 1-18-3-1W	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project Uinta Basin

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site State 1-18-3-1W

Site Position:		**Northing:**	2,211,500.66 m	**Latitude:**	40° 13' 44.950 N
From:	Lat/Long	**Easting:**	625,044.57 m	**Longitude:**	110° 1' 50.050 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	0.000 in	**Grid Convergence:**	0.94 °

Well State 1-18-3-1W

Well Position	**+N/-S**	0.0 ft	**Northing:**	2,211,500.66 m	**Latitude:**	40° 13' 44.950 N
	+E/-W	0.0 ft	**Easting:**	625,044.57 m	**Longitude:**	110° 1' 50.050 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**		**Ground Level:**	5,148.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	5/15/2012	11.19	65.94	52,329

Design Design #1

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

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	221.25

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	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,976.1	7.14	221.25	1,974.9	-22.3	-19.5	1.50	1.50	0.00	221.25	
6,058.0	7.14	221.25	6,025.1	-403.9	-354.1	0.00	0.00	0.00	0.00	
6,534.1	0.00	0.00	6,500.0	-426.1	-373.7	1.50	-1.50	0.00	180.00	
10,234.1	0.00	0.00	10,200.0	-426.1	-373.7	0.00	0.00	0.00	0.00	1-18-3-1W BHL

Newfield Exploration

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Site State 1-18-3-1W
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 5166.0ft
Project:	Uinta Basin	**MD Reference:**	RKB @ 5166.0ft
Site:	State 1-18-3-1W	**North Reference:**	True
Well:	State 1-18-3-1W	**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	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	1.50	221.25	1,600.0	-1.0	-0.9	1.3	1.50	1.50	0.00
1,700.0	3.00	221.25	1,699.9	-3.9	-3.5	5.2	1.50	1.50	0.00
1,800.0	4.50	221.25	1,799.7	-8.9	-7.8	11.8	1.50	1.50	0.00
1,900.0	6.00	221.25	1,899.3	-15.7	-13.8	20.9	1.50	1.50	0.00
1,976.1	7.14	221.25	1,974.9	-22.3	-19.5	29.6	1.50	1.50	0.00
2,000.0	7.14	221.25	1,998.6	-24.5	-21.5	32.6	0.00	0.00	0.00
2,100.0	7.14	221.25	2,097.8	-33.9	-29.7	45.0	0.00	0.00	0.00
2,200.0	7.14	221.25	2,197.0	-43.2	-37.9	57.5	0.00	0.00	0.00
2,300.0	7.14	221.25	2,296.3	-52.6	-46.1	69.9	0.00	0.00	0.00
2,400.0	7.14	221.25	2,395.5	-61.9	-54.3	82.3	0.00	0.00	0.00
2,500.0	7.14	221.25	2,494.7	-71.3	-62.5	94.8	0.00	0.00	0.00
2,600.0	7.14	221.25	2,593.9	-80.6	-70.7	107.2	0.00	0.00	0.00
2,700.0	7.14	221.25	2,693.2	-89.9	-78.9	119.6	0.00	0.00	0.00
2,800.0	7.14	221.25	2,792.4	-99.3	-87.1	132.1	0.00	0.00	0.00
2,900.0	7.14	221.25	2,891.6	-108.6	-95.3	144.5	0.00	0.00	0.00
3,000.0	7.14	221.25	2,990.8	-118.0	-103.5	156.9	0.00	0.00	0.00
3,100.0	7.14	221.25	3,090.0	-127.3	-111.7	169.4	0.00	0.00	0.00
3,200.0	7.14	221.25	3,189.3	-136.7	-119.9	181.8	0.00	0.00	0.00
3,300.0	7.14	221.25	3,288.5	-146.0	-128.1	194.2	0.00	0.00	0.00
3,400.0	7.14	221.25	3,387.7	-155.4	-136.3	206.7	0.00	0.00	0.00
3,500.0	7.14	221.25	3,486.9	-164.7	-144.5	219.1	0.00	0.00	0.00
3,600.0	7.14	221.25	3,586.2	-174.1	-152.7	231.5	0.00	0.00	0.00
3,700.0	7.14	221.25	3,685.4	-183.4	-160.8	244.0	0.00	0.00	0.00
3,800.0	7.14	221.25	3,784.6	-192.8	-169.0	256.4	0.00	0.00	0.00
3,900.0	7.14	221.25	3,883.8	-202.1	-177.2	268.8	0.00	0.00	0.00
4,000.0	7.14	221.25	3,983.1	-211.5	-185.4	281.3	0.00	0.00	0.00
4,100.0	7.14	221.25	4,082.3	-220.8	-193.6	293.7	0.00	0.00	0.00
4,200.0	7.14	221.25	4,181.5	-230.2	-201.8	306.1	0.00	0.00	0.00
4,300.0	7.14	221.25	4,280.7	-239.5	-210.0	318.6	0.00	0.00	0.00
4,400.0	7.14	221.25	4,380.0	-248.9	-218.2	331.0	0.00	0.00	0.00
4,500.0	7.14	221.25	4,479.2	-258.2	-226.4	343.4	0.00	0.00	0.00
4,600.0	7.14	221.25	4,578.4	-267.6	-234.6	355.9	0.00	0.00	0.00
4,700.0	7.14	221.25	4,677.6	-276.9	-242.8	368.3	0.00	0.00	0.00
4,800.0	7.14	221.25	4,776.9	-286.3	-251.0	380.7	0.00	0.00	0.00
4,900.0	7.14	221.25	4,876.1	-295.6	-259.2	393.2	0.00	0.00	0.00
5,000.0	7.14	221.25	4,975.3	-305.0	-267.4	405.6	0.00	0.00	0.00
5,100.0	7.14	221.25	5,074.5	-314.3	-275.6	418.0	0.00	0.00	0.00
5,200.0	7.14	221.25	5,173.8	-323.6	-283.8	430.5	0.00	0.00	0.00

Newfield Exploration

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Site State 1-18-3-1W
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 5166.0ft
Project:	Uinta Basin	**MD Reference:**	RKB @ 5166.0ft
Site:	State 1-18-3-1W	**North Reference:**	True
Well:	State 1-18-3-1W	**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)
5,300.0	7.14	221.25	5,273.0	-333.0	-292.0	442.9	0.00	0.00	0.00
5,400.0	7.14	221.25	5,372.2	-342.3	-300.2	455.3	0.00	0.00	0.00
5,500.0	7.14	221.25	5,471.4	-351.7	-308.4	467.8	0.00	0.00	0.00
5,600.0	7.14	221.25	5,570.7	-361.0	-316.6	480.2	0.00	0.00	0.00
5,700.0	7.14	221.25	5,669.9	-370.4	-324.8	492.6	0.00	0.00	0.00
5,800.0	7.14	221.25	5,769.1	-379.7	-333.0	505.1	0.00	0.00	0.00
5,900.0	7.14	221.25	5,868.3	-389.1	-341.2	517.5	0.00	0.00	0.00
6,000.0	7.14	221.25	5,967.5	-398.4	-349.4	529.9	0.00	0.00	0.00
6,058.0	7.14	221.25	6,025.1	-403.9	-354.1	537.1	0.00	0.00	0.00
6,100.0	6.51	221.25	6,066.8	-407.6	-357.4	542.1	1.50	-1.50	0.00
6,200.0	5.01	221.25	6,166.3	-415.2	-364.0	552.2	1.50	-1.50	0.00
6,300.0	3.51	221.25	6,266.0	-420.7	-368.9	559.6	1.50	-1.50	0.00
6,400.0	2.01	221.25	6,365.9	-424.4	-372.1	564.4	1.50	-1.50	0.00
6,500.0	0.51	221.25	6,465.9	-426.0	-373.6	566.6	1.50	-1.50	0.00
6,534.1	0.00	0.00	6,500.0	-426.1	-373.7	566.8	1.50	-1.50	0.00
6,600.0	0.00	0.00	6,565.9	-426.1	-373.7	566.8	0.00	0.00	0.00
6,700.0	0.00	0.00	6,665.9	-426.1	-373.7	566.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,765.9	-426.1	-373.7	566.8	0.00	0.00	0.00
6,900.0	0.00	0.00	6,865.9	-426.1	-373.7	566.8	0.00	0.00	0.00
7,000.0	0.00	0.00	6,965.9	-426.1	-373.7	566.8	0.00	0.00	0.00
7,100.0	0.00	0.00	7,065.9	-426.1	-373.7	566.8	0.00	0.00	0.00
7,200.0	0.00	0.00	7,165.9	-426.1	-373.7	566.8	0.00	0.00	0.00
7,300.0	0.00	0.00	7,265.9	-426.1	-373.7	566.8	0.00	0.00	0.00
7,400.0	0.00	0.00	7,365.9	-426.1	-373.7	566.8	0.00	0.00	0.00
7,500.0	0.00	0.00	7,465.9	-426.1	-373.7	566.8	0.00	0.00	0.00
7,600.0	0.00	0.00	7,565.9	-426.1	-373.7	566.8	0.00	0.00	0.00
7,700.0	0.00	0.00	7,665.9	-426.1	-373.7	566.8	0.00	0.00	0.00
7,800.0	0.00	0.00	7,765.9	-426.1	-373.7	566.8	0.00	0.00	0.00
7,900.0	0.00	0.00	7,865.9	-426.1	-373.7	566.8	0.00	0.00	0.00
8,000.0	0.00	0.00	7,965.9	-426.1	-373.7	566.8	0.00	0.00	0.00
8,100.0	0.00	0.00	8,065.9	-426.1	-373.7	566.8	0.00	0.00	0.00
8,200.0	0.00	0.00	8,165.9	-426.1	-373.7	566.8	0.00	0.00	0.00
8,300.0	0.00	0.00	8,265.9	-426.1	-373.7	566.8	0.00	0.00	0.00
8,400.0	0.00	0.00	8,365.9	-426.1	-373.7	566.8	0.00	0.00	0.00
8,500.0	0.00	0.00	8,465.9	-426.1	-373.7	566.8	0.00	0.00	0.00
8,600.0	0.00	0.00	8,565.9	-426.1	-373.7	566.8	0.00	0.00	0.00
8,700.0	0.00	0.00	8,665.9	-426.1	-373.7	566.8	0.00	0.00	0.00
8,800.0	0.00	0.00	8,765.9	-426.1	-373.7	566.8	0.00	0.00	0.00
8,900.0	0.00	0.00	8,865.9	-426.1	-373.7	566.8	0.00	0.00	0.00
9,000.0	0.00	0.00	8,965.9	-426.1	-373.7	566.8	0.00	0.00	0.00
9,100.0	0.00	0.00	9,065.9	-426.1	-373.7	566.8	0.00	0.00	0.00
9,200.0	0.00	0.00	9,165.9	-426.1	-373.7	566.8	0.00	0.00	0.00
9,300.0	0.00	0.00	9,265.9	-426.1	-373.7	566.8	0.00	0.00	0.00
9,400.0	0.00	0.00	9,365.9	-426.1	-373.7	566.8	0.00	0.00	0.00
9,500.0	0.00	0.00	9,465.9	-426.1	-373.7	566.8	0.00	0.00	0.00
9,600.0	0.00	0.00	9,565.9	-426.1	-373.7	566.8	0.00	0.00	0.00
9,700.0	0.00	0.00	9,665.9	-426.1	-373.7	566.8	0.00	0.00	0.00
9,800.0	0.00	0.00	9,765.9	-426.1	-373.7	566.8	0.00	0.00	0.00
9,900.0	0.00	0.00	9,865.9	-426.1	-373.7	566.8	0.00	0.00	0.00
10,000.0	0.00	0.00	9,965.9	-426.1	-373.7	566.8	0.00	0.00	0.00
10,100.0	0.00	0.00	10,065.9	-426.1	-373.7	566.8	0.00	0.00	0.00
10,200.0	0.00	0.00	10,165.9	-426.1	-373.7	566.8	0.00	0.00	0.00
10,234.1	0.00	0.00	10,200.0	-426.1	-373.7	566.8	0.00	0.00	0.00

Newfield Exploration

Planning Report

Database:	EDM 5000.1 Single User Db	**Local Co-ordinate Reference:**	Site State 1-18-3-1W
Company:	Newfield Production Company	**TVD Reference:**	RKB @ 5166.0ft
Project:	Uinta Basin	**MD Reference:**	RKB @ 5166.0ft
Site:	State 1-18-3-1W	**North Reference:**	True
Well:	State 1-18-3-1W	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (m)	Easting (m)	Latitude	Longitude
1-18-3-1W BHL - plan hits target center - Point	0.00	0.00	10,200.0	-426.1	-373.7	2,211,368.92	624,932.82	40° 13' 40.739 N	110° 1' 54.868 W

RECEIVED: June 12, 2012

AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Peter Burns personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Peter Burns. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").

2. Newfield is the Operator of the proposed State 1-18-3-1WH well with a surface location to be positioned in the NENE of Section 18, Township 3 South, Range 1 West, Duchesne County, Utah (the "Drillsite Location") and a bottom hole location to be positioned in the SESE of Section 18, Township 3 South, Range 1West, Duchesne County, Utah. The surface owner of the Drillsite Location is Karl and Donna Lamb, whose address is P.O. Box 332, Myton, UT 84052 ("Surface Owner").

3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated June 1, 2012 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

ACKNOWLEDGEMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

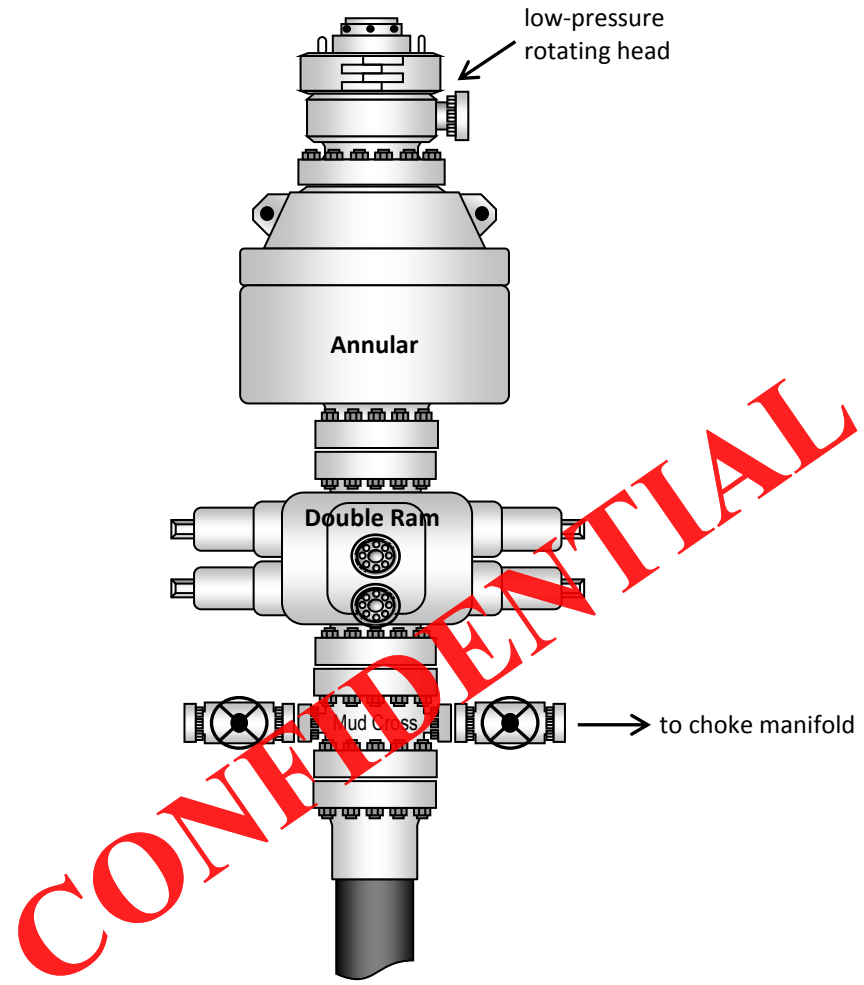
Before me, a Notary Public, in and for the State, on this 8th day of June, 2012, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

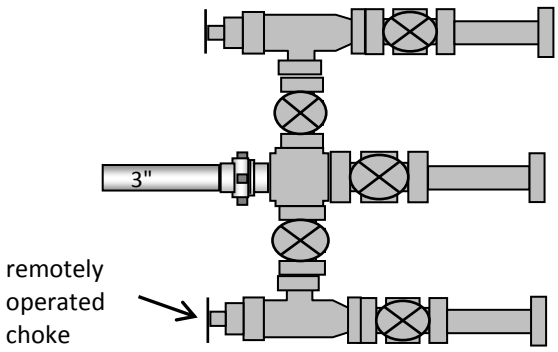
My Commission Expires: 11/8/2014

MICHELLE S GONZALES
Notary Public
State of Colorado

Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



RECEIVED: June 12, 2012

NEWFIELD
ROCKY MOUNTAINS

June 11, 2012

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

RE: **State 1-18-3-1W**
Township 3 South, Range 1 West
Section 18: NENE
Duchesne County, Utah

Dear Ms. Mason;

Attached herewith is Newfield Production Company's ("Newfield") Application for Permit to Drill the State 1-18-3-1W. This proposed location falls within the lands covered by Cause No. 139-90, an order that provides for 640 acre spacing units with setbacks of 660' from the exterior boundary of the unit. Newfield's preferred location within this section is the legal window within the NENE. However, to place a location within the legal window in the NENE would negatively impact the current agricultural use of the land. At the request of the surface owner, Newfield agreed to drill the well in the NENE and directionally drill to comply with the 660' setback.

Pursuant to R649-3-11, no well may be intentionally deviated unless the operator shall first file an application and obtain approval from the Division. Newfield owns approximately 95% of the leasehold within 460' of the entire directional wellbore. Newfield respectfully requests the Division waive the requirement to obtain written consent from all owners within 460' of the entire directional wellbore based upon the following:

1. Newfield has moved the location of the well from its preferred location to accommodate the surface owner and to reduce any negative impacts to the current surface use.
2. Newfield has chosen to drill directionally to adhere to the 660' setbacks from the exterior unit boundary as required by Cause No. 139-90. Due to agriculturally related topographical restrictions, Newfield could not place a well location within the NENE that would adhere to the aforementioned 660' setbacks.
3. Newfield will not produce from the subject wellbore until the directional wellbore is at least 660' from the exterior boundary of the unit.
4. Leasehold ownership is common throughout the entire Northeast Quarter of Section 18, Township 3 South, Range 1 West.
5. Newfield will pool all of Section 18, Township 3 South, Range 1 West so that ownership in the State 1-18-3-1W would be the same regardless of where the well is located within the section.

1001 17th Street, Suite 2000 Denver, CO 80202 (303) 893-0102 Fax (303) 893-0103

If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4466 or by email at rmmiller@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

Robert N. Miller II
Landman

API Well Number: 43013514850000

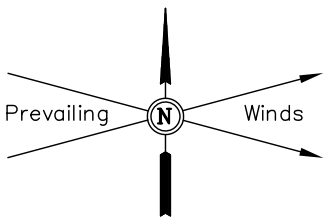
NEWFIELD EXPLORATION COMPANY

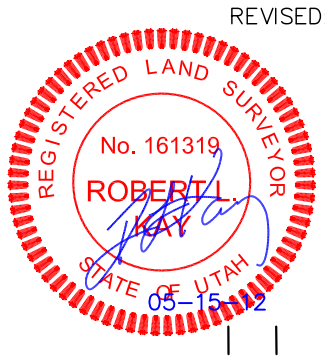
LOCATION LAYOUT FOR

STATE #1-18-3-1W & WELL BORE #2
SECTION 18, T3S, R1W, U.S.B.&M.
NE 1/4 NE 1/4

FIGURE #1

SCALE: 1" = 100'
DATE: 04-27-12
DRAWN BY: J.J.
REVISED: 05-15-12





Reserve Pit (8' Deep) Total Pit Capacity W/2' of Freeboard = 8,670 Bbls.± Total Pit Volume = 2,510 Cu. Yds

Reserve Pit (10' Deep) Total Pit Capacity W/2' of Freeboard = 11,060 Bbls.± Total Pit Volume = 3,010 Cu. Yds

SECTION 7
SECTION 18
Approx. Top of Cut Slope
El. 52.7'
El. 50.1'
C-9.9' El. 56.4'
C-14.2' (Btm. Pit)
C-13.6' (Btm. Pit)
F-1.3' El. 45.2'
Existing Water Line (To Be Re-Routed)
NE Cor. Sec. 18, Spindle 0.2' Below Paved Road
Existing Gate
Existing Road
Sta. 6+50
C-8.7' El. 55.2'
Sta. 5+94
10' WIDE BENCH
270'
190'
150'
100'
40'
RESERVE PIT (8' Deep)
RESERVE PIT (10' Deep)
1 1/2:1 Slope
Pit Topsoil
Reserve Pit Backfill & Spoils Stockpile
C-2.5' El. 49.0'
C-3.9' El. 50.4'
C-2.4' El. 48.9'
F-1.6' El. 44.9'
170'
Install 18" CMP
Sta. 5+00
280'
30'
C-1.4' El. 47.9'
#1-18
#2
C-5.0' El. 51.5'
C-0.9' El. 47.4'
Proposed Access Road
Cut / Fill Transition Line
Install Cattle Guard
C-0.5' El. 47.0'
267'
Typical Horizontal Pad Layout
F-1.4' El. 45.1'
500'
Topsoil Stockpile
Approx. Toe of Fill Slope
Sta. 0+00
62'
F-6.0' El. 40.5'
F-6.8' El. 39.7'
Existing Fence
Existing Crop Line (No Disturbance Beyond This Point)
Existing Power Line
SECTION 18
SECTION 17

Elev. Ungraded Ground At Loc. Stake = 5147.9'
FINISHED GRADE ELEV. AT LOC. STAKE = 5146.5'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: June 12, 2012

1" = 40'
X-Section Scale
1" = 100'

DATE: 04-27-12
DRAWN BY: J.J.
REVISED: 05-15-12

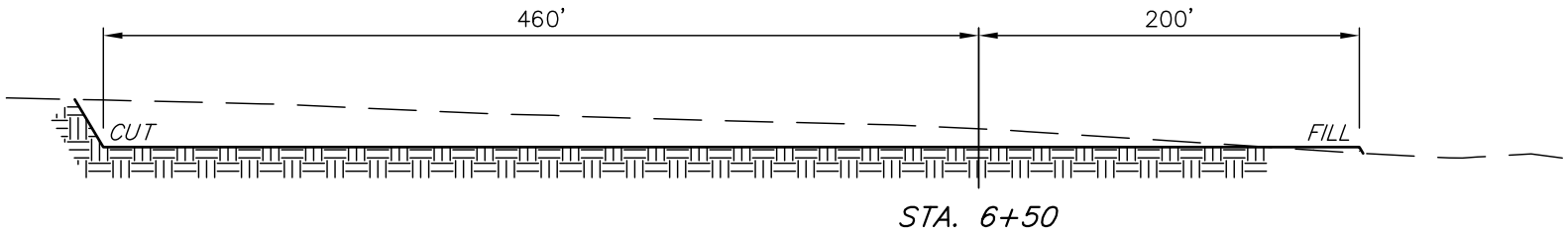
NEWFIELD EXPLORATION COMPANY

TYPICAL CROSS SECTIONS FOR

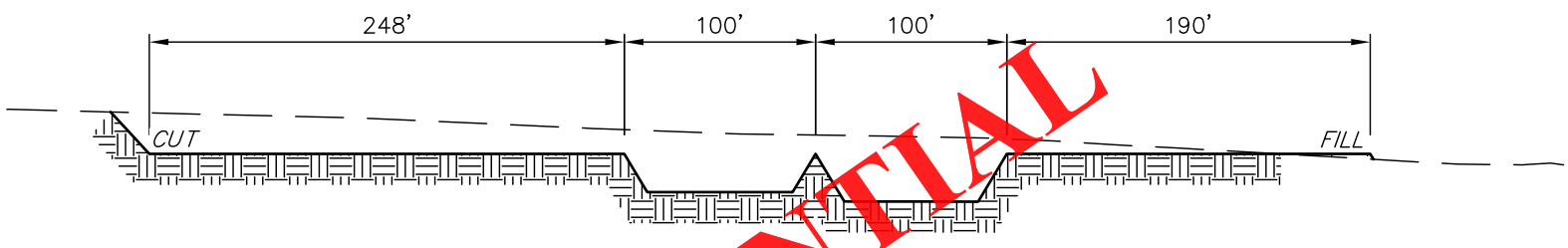
STATE #1-18-3-1W & WELL BORE #2
SECTION 18, T3S, R1W, U.S.B.&M.
NE 1/4 NE 1/4

FIGURE #2

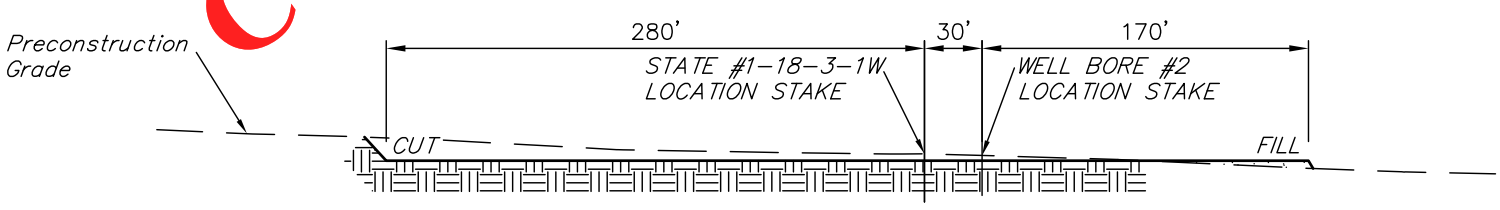
REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
05-15-12



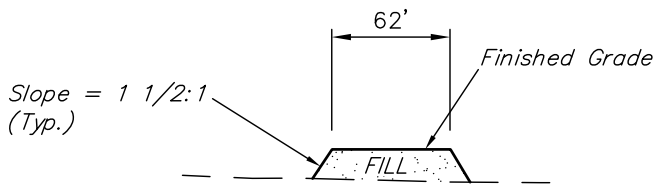
STA. 6+50



STA. 5+94



STA. 5+00



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping	=	8,320 Cu. Yds.
Remaining Location	=	16,550 Cu. Yds.
TOTAL CUT	=	24,870 CU. YDS.
FILL	=	13,790 CU. YDS.

EXCESS MATERIAL	=	11,080 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	11,080 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ± 6.847 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.013 ACRES
PIPELINE DISTURBANCE	= ± 1.332 ACRES
TOTAL	= ± 8.192 ACRES

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: June 12, 2012

API Well Number: 43013514850000

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT FOR

STATE #1-18-3-1W & WELL BORE #2

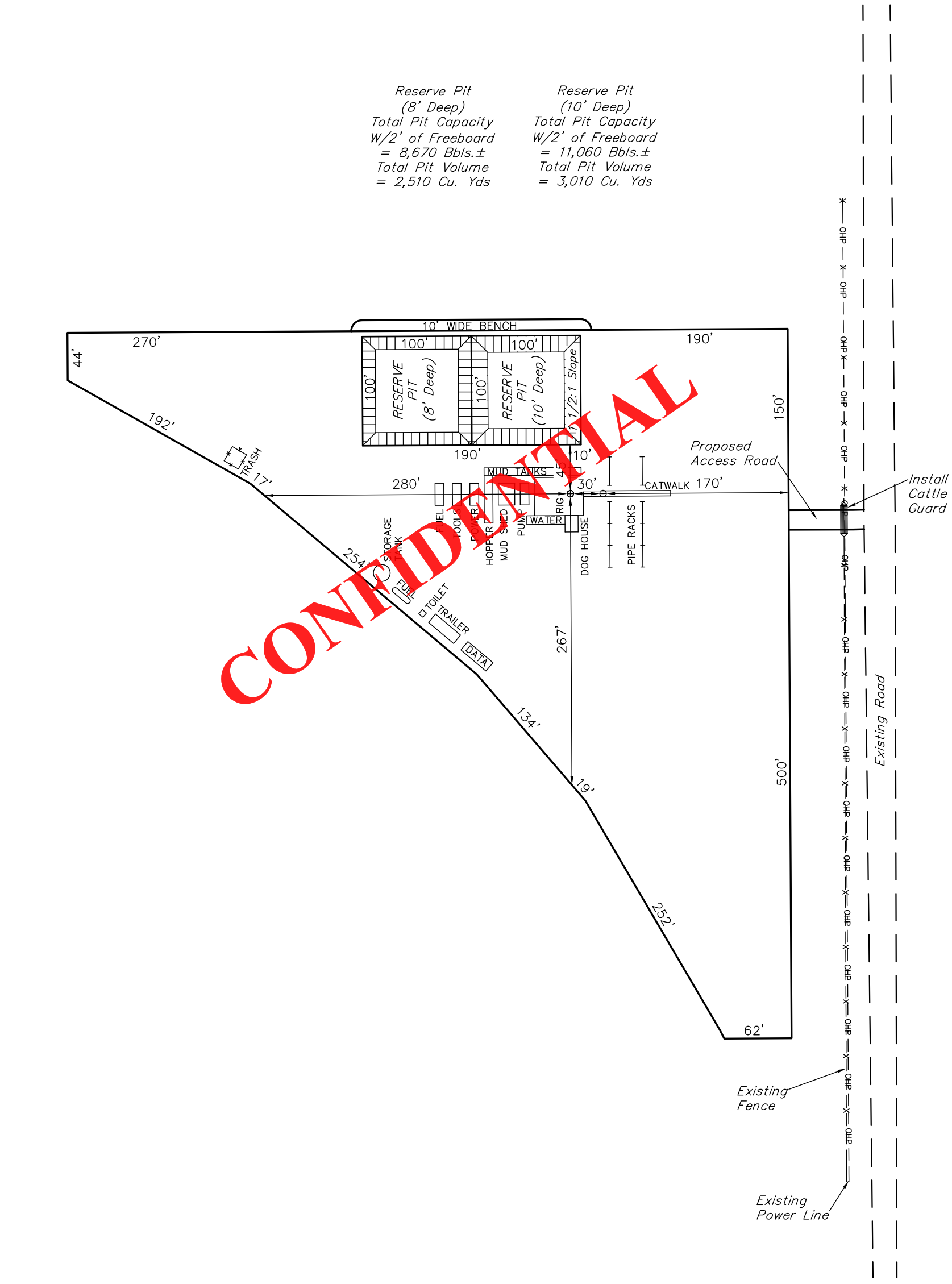
SECTION 18, T3S, R1W, U.S.B.&M.

NE 1/4 NE 1/4

FIGURE #3

SCALE: 1" = 100'
DATE: 04-27-12
DRAWN BY: J.J.
REVISED: 05-15-12

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
05-15-12



CONFIDENTIAL

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: June 12, 2012

API Well Number: 43013514850000

NEWFIELD EXPLORATION COMPANY

PRODUCTION FACILITY LAYOUT FOR

STATE #1-18-3-1W & WELL BORE #2

SECTION 18, T3S, R1W, U.S.B.&M.

NE 1/4 NE 1/4

FIGURE #4

SCALE: 1" = 100'
DATE: 04-27-12
DRAWN BY: J.J.
REVISED: 05-15-12

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
05-15-12

RECLAIMED AREA

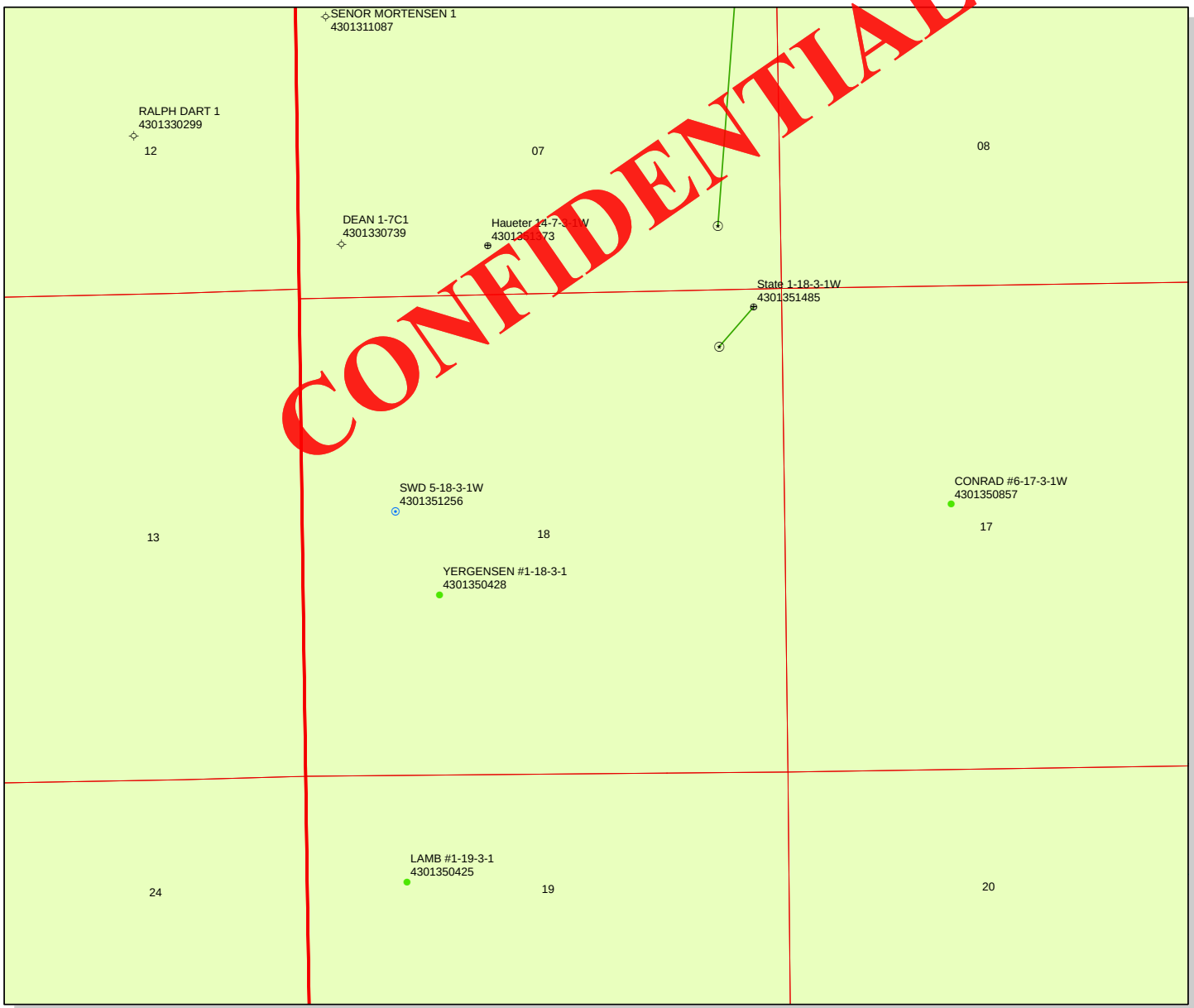
APPROXIMATE ACREAGES

UN-RECLAIMED = ± 1.289 ACRES

UINTAH ENGINEERING & LAND SURVEYING
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

RECEIVED: June 12, 2012

API Well Number: 43013514850000



API Number: 4301351485

Well Name: State 1-18-3-1W

Township T03.0S Range R01.0W Section 18

Meridian: UBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well
Bottom Hole Location - OilGasDb

1,400 700 0 1,400 Feet

1:13,484

RECEIVED: June 15, 2012

API Well Number: 43013514850000

BOPE REVIEW NEWFIELD PRODUCTION COMPANY State 1-18-3-1W 43013514850000

Well Name	NEWFIELD PRODUCTION COMPANY State 1-18-3-1W 43013514850			
String	COND	SURF	Prod	
Casing Size(")	13.375	9.625	5.500	
Setting Depth (TVD)	60	2405	10200	
Previous Shoe Setting Depth (TVD)	0	60	2405	
Max Mud Weight (ppg)	8.3	8.3	10.0	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1000	3520	10640	
Operators Max Anticipated Pressure (psi)	5039		9.5	

Calculations	**COND String**	**13.375**	"
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO
Required Casing/BOPE Test Pressure=		60	psi
***Max Pressure Allowed @ Previous Casing Shoe=**		0	psi *Assumes 1psi/ft frac gradient

Calculations	**SURF String**	**9.625**	"
Max BHP (psi)	.052*Setting Depth*MW=	1038	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	749	NO air or fresh water drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	509	NO No expected pressures
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	522	NO
Required Casing/BOPE Test Pressure=		2405	psi
***Max Pressure Allowed @ Previous Casing Shoe=**		60	psi *Assumes 1psi/ft frac gradient

Calculations	**Prod String**	**5.500**	"
Max BHP (psi)	.052*Setting Depth*MW=	5304	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	4080	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	3060	YES OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3589	NO OK
Required Casing/BOPE Test Pressure=		5000	psi
***Max Pressure Allowed @ Previous Casing Shoe=**		2405	psi *Assumes 1psi/ft frac gradient

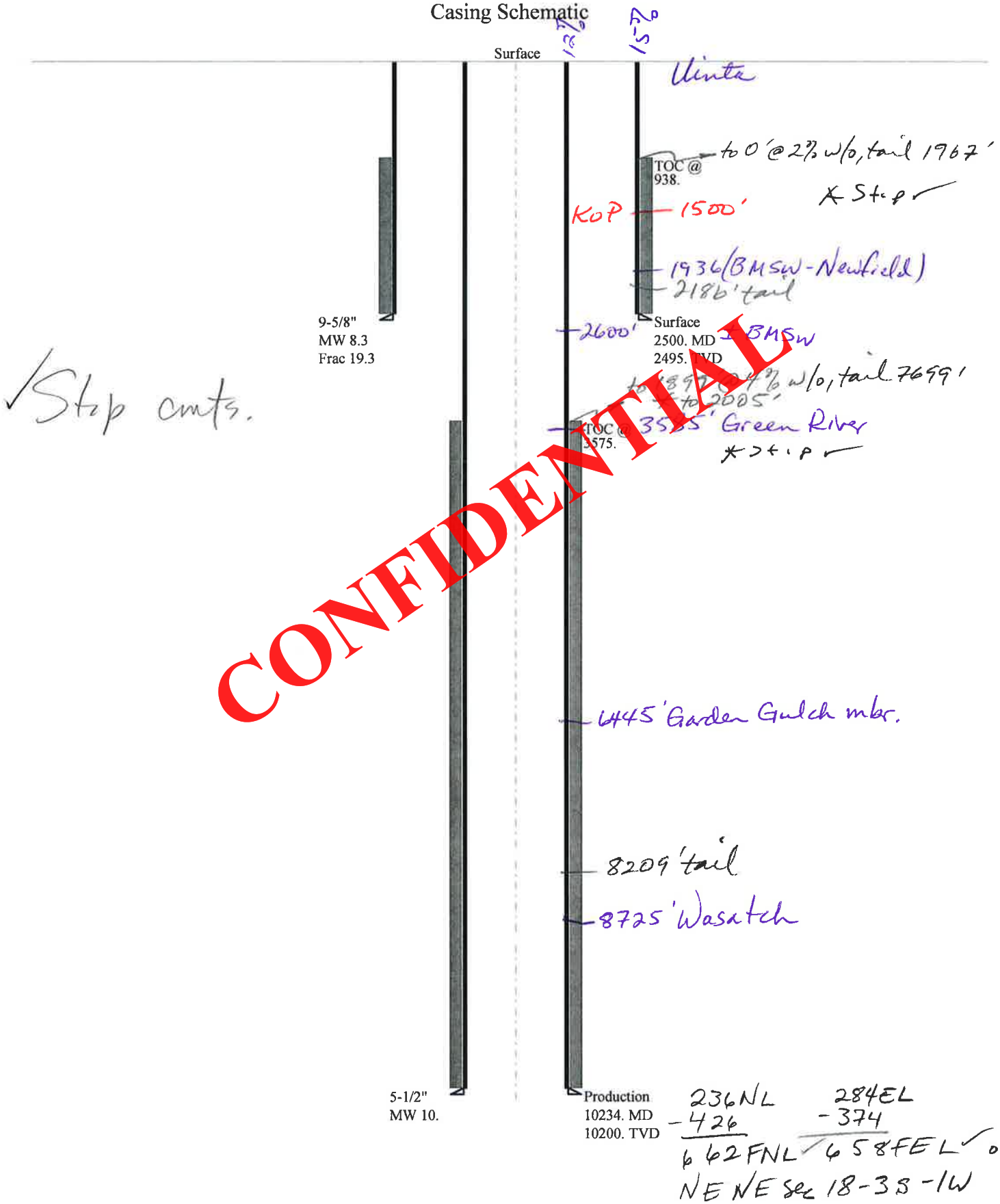
Calculations	**String**		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			***Can Full Expected Pressure Be Held At Previous Shoe?**
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
***Max Pressure Allowed @ Previous Casing Shoe=**			psi *Assumes 1psi/ft frac gradient

RECEIVED: August 28, 2012

API Well Number: 43013514850000

43013514850000 State 1-18-3-1W

Casing Schematic



Well name:	**43013514850000 State 1-18-3-1W**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-013-51485
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,195 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,495 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 2,190 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 109 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 938 ft

Completion type is subs

Directional Info - Build & Drop
Kick-off point 1500 ft
Departure at shoe: 95 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 7.14 °

Re subsequent strings:
Next setting depth: 10,200 ft
Next mud weight: 10.000 ppg
Next setting BHP: 5,299 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,495 ft
Injection pressure: 2,495 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	2500	9.625	36.00	J-55	ST&C	2495	2500	8.796	21730

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1080	2020	1.871	2495	3520	1.41	89.8	394	4.39 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: August 23,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2495 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43013514850000 State 1-18-3-1W**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production
Project ID:	43-013-51485
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,055 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,299 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 8,687 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 217 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 3,575 ft

Completion type is subs
Directional Info - Build & Drop
Kick-off point 1500 ft
Departure at shoe: 567 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	10234	5.5	17.00	P-110	LT&C	10200	10234	4.767	67409

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5299	7480	1.412	5299	10640	2.01	173.4	445	2.57 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: August 23,2012
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 10200 ft, a mud weight of 10 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name State 1-18-3-1W
API Number 43013514850000 **APD No** 6208 **Field/Unit** WILDCAT
Location: 1/4,1/4 NENE **Sec** 18 **Tw** 3.0S **Rng** 1.0W 236 FNL 284 FEL
GPS Coord (UTM) 582474 4453643 **Surface Owner** Karl & Donna Lamb

Participants

T. Eaton, F. Bird, Z. Mc Intyre, J. Henderson– Newfield; C. Jensen,– DOGM ; Karl Lamb - Surface Owner

Regional/Local Setting & Topography

The proposed location is situated on a corner of center pivot sprinkled productive farm ground approximately 1.5 miles West of the Uinta county line in the low lands below Cobble Hollow. The city of Roosevelt can be found aproximately 4 miles North. The topography is quite flat and has sandy soils that are somewhat Sodic. Nearby benches have slopes that are quite steep suggesting this may have historically once been a flood plain though no river bed now exists. This location is however sited very near the New Hope canal (and associated laterals) and the South fork of Dry Gulch. Very much of the surrounding lands are used for farming and have seen development for petroleum extraction.

Surface Use Plan

Current Surface Use
Agricultural

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	**Width** 650 **Length** 650	Onsite	UNTA

Ancillary Facilities N

well pad will be constructed to an irregular shape as it is constructed in the fallow lands in the corner of 2 center pivots sprinklers

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Disturbed soils do not support habitat for wildlife. Disturbed unproductive farm land with some russian thistle weed species

Soil Type and Characteristics

sandy silts

Erosion Issues N

Sedimentation Issues N

RECEIVED: September 12, 2012

API Well Number: 43013514850000

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	25 to 75	15
Distance to Surface Water (feet)		20
Dist. Nearest Municipal Well (ft)	1320 to 5280	5
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
	Final Score	60 1 Sensitivity Level

Characteristics / Requirements

A 40’ x 80' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Newfield commonly uses a 30 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. Pit to be closed within one year after drilling activities are complete.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** N

Other Observations / Comments

operator agreed to construct an acces road to the center pivot on the North side of the pad. An existing gully that has been more than 1/2 filled in will need to have the process finished to construct the access road for the pivot. The pad will utilize the fallow lands between center pivot sprinkled farm land. I was lead to believe after drilling, the long ends of the pad will be immediately reclaimed.

Chris Jensen	6/21/2012
Evaluator	**Date / Time**

RECEIVED: September 12, 2012

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
6208	43013514850000	LOCKED	OW	P	No
Operator	NEWFIELD PRODUCTION COMPANY		**Surface Owner-APD**	Karl & Donna Lamb	
Well Name	State 1-18-3-1W		**Unit**		
Field	WILDCAT		**Type of Work**	DRILL	
Location	NENE 18 3S 1W U 236 FNL 284 FEL GPS Coord (UTM) 582474E 4453633N				

Geologic Statement of Basis

Newfield proposes to set 60' of conductor and 2,505' of surface casing at this location. An air and/or fresh water mud system will be used for drilling the surface hole. The base of the moderately saline water at this location is estimated to be at a depth of 2,600'. A search of Division of Water Rights records shows 2 water wells within a 10,000 foot radius of the center of Section 18. The wells are privately owned. Depth is listed as 22 feet and 42 feet. Water use is listed as irrigation, stock watering, and domestic use. Both wells are over 1 mile from the proposed location. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Cement for the production string should be brought up above the base of the moderately saline groundwater in order to isolate it from fresher waters uphole.

Brad Hill — **APD Evaluator**
8/2/2012 — **Date / Time**

Surface Statement of Basis

Operator has a surface agreement in place with the landowner. I was made aware that some concessions were made to the landowner. Location is proposed in the best possible position within the spacing window. Access will enter the pad from the Eastern most boundary of the parcel adjacent the county road.
The soil type and topography at present do not combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions. Construction standards of the Operator appear to be adequate for the proposed purpose. I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The landowner was invited and was in attendance for the pre-site inspection. The location should be bermed to prevent spills from leaving the confines of the pad. Fencing around the reserve pit will be necessary once the well is drilled to prevent wildlife and livestock from entering.

Chris Jensen — **Onsite Evaluator**
6/21/2012 — **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

RECEIVED: September 12, 2012

API Well Number: 43013514850000

RECEIVED: September 12, 2012

API Well Number: 43013514850000

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/12/2012 **API NO. ASSIGNED:** 43013514850000

WELL NAME: State 1-18-3-1W

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: NENE 18 030S 010W **Permit Tech Review:** ☑

SURFACE: 0236 FNL 0284 FEL **Engineering Review:** ☑

BOTTOM: 0660 FNL 0660 FEL **Geology Review:** ☑

COUNTY: DUCHESNE

LATITUDE: 40.22907 **LONGITUDE:** -110.03057

UTM SURF EASTINGS: 582474.00 **NORTHINGS:** 4453633.00

FIELD NAME: WILDCAT

LEASE TYPE: 3 - State

LEASE NUMBER: ML-51675 **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☑ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 139-90

Effective Date: 5/9/2012

Siting: 4 Prod LGRRV-WSTC Per Sectional Drilling Units

- ☑ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:

1 - Exception Location - bhill
5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
15 - Directional - dmason
25 - Surface Casing - hmacdonald
27 - Other - bhill

RECEIVED: September 12, 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

Permit To Drill
****

Well Name: State 1-18-3-1W
API Well Number: 43013514850000
Lease Number: ML-51675
Surface Owner: FEE (PRIVATE)
Approval Date: 9/12/2012

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 139-90. The expected producing formation or pool is the GREEN RIVER-WASATCH 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

Exception Location:
Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

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

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

This well cannot be completed in any zone which is closer than 660 feet to a section line without prior approval by the division.

Cement volume for the 4 1/2 production string shall be determined from actual

hole diameter in order to place cement from the pipe setting depth back to 2000' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

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
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

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:

For John Rogers
Associate Director, Oil & Gas

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-51675

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:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
STATE 1-18-3-1WH

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013514850000

3. ADDRESS OF OPERATOR:
Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0236 FNL 0284 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENE Section: 18 Township: 03.0S Range: 01.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 4/1/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	✓ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Newfield production Company respectfully submits this sundry to amend the previously approved State 1-18-3-1W. The well has been changed to a 640 acre horizontal well with an MD of 13,050 feet and to include the use of OBM during drilling. No changes have been made to the pad location. The new bottomhole location footages are 660' FSL & 660' FEL, SE/4 SE/4, Section 18, T3S, R1W, USB&M. Additionally, the well name has changed to the State 1-18-3-1WH. Attached please find an updated plat package, drilling plan and directional plan. The well remains on surface owned by Karl and Donna Lamb with surface use in place.

Approved by the Utah Division of Oil, Gas and Mining

Date: April 04, 2013

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Don Hamilton	435 719-2018	Permitting Agent
SIGNATURE		**DATE**
N/A		3/23/2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43013514850000

1. Cement volume for the 9 5/8" surface string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to surface as indicated in the submitted drilling plan.

2. Cement volume for the 7" intermediate string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2500' MD as indicated in the submitted drilling plan.

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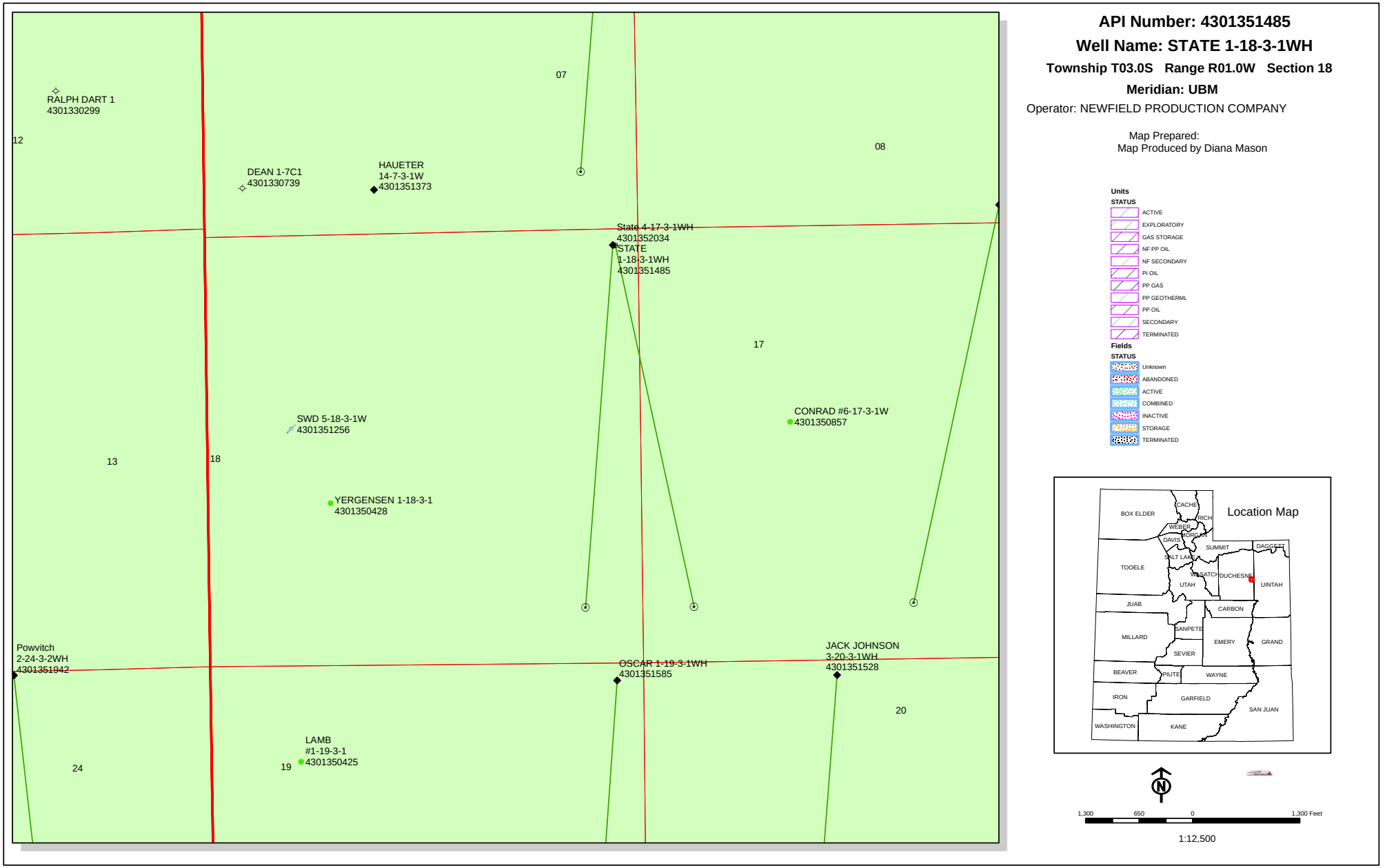

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BOPE REVIEW	State 1-18-3-1WH API 43-013-51485-0000		
Well Name	State 1-18-3-1WH API 43-013-51485-0000		
	String 1	String 2	String 3
Casing Size (")	9 5/8	7	4 1/2
Setting Depth (TVD)	2500	8648	8477
Previous Shoe Setting Depth (TVD)	40	2500	8648
Max Mud Weight (ppg)	8.33	11.5	11.5
BOPE Proposed (psi)	500	5000	5000
Casing Internal Yield (psi)	3520	11220	12410
Operators Max Anticipated Pressure (psi)	4849		11.0 ppg

Calculations	String 1	9 5/8 "		
Max BHP [psi]	.052*Setting Depth*MW =	1083		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	783	NO	Diverter, air and or fresh water system
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	533	NO	ok
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	542	NO	
Required Casing/BOPE Test Pressure		2464	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		40	psi	*Assumes 1psi/ft frac gradient

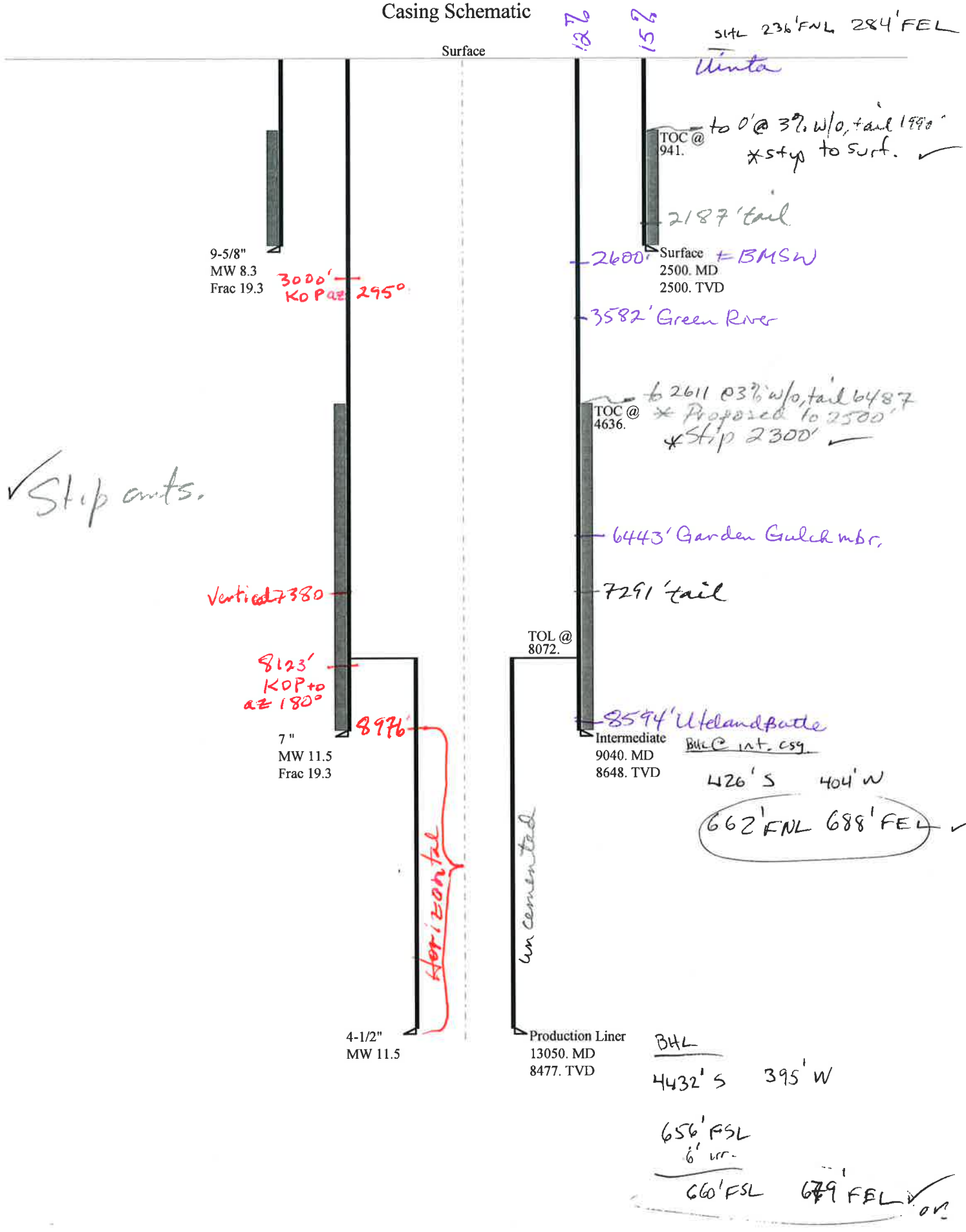
Calculations	String 2	7 "		
Max BHP [psi]	.052*Setting Depth*MW =	5172		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	4134	YES	5M BOP, 2 ram preventers, annular preventer
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	3269	YES	ok
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	3819	NO	ok
Required Casing/BOPE Test Pressure		5000	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		2500	psi	*Assumes 1psi/ft frac gradient

Calculations	String 3	4 1/2 "		
Max BHP [psi]	.052*Setting Depth*MW =	5069		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	4052	YES	5M BOP, 2 ram preventers, annular preventer
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	3204	YES	ok
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	5107	YES	
Required Casing/BOPE Test Pressure		5000	psi	
*Max Pressure Allowed @ Previous Casing Shoe =		8648	psi	*Assumes 1psi/ft frac gradient

Sundry Number: 35813 API Well Number: 43013514850000

43013514850000 State 1-18-3-1WHrev

Casing Schematic



Well name:	**43013514850000 State 1-18-3-1WHrev**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-013-51485
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,195 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,495 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 2,192 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 109 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 941 ft

Completion type is subs
Non-directional string.

Re subsequent strings:
Next setting depth: 8,648 ft
Next mud weight: 11.500 ppg
Next setting BHP: 5,166 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,495 ft
Injection pressure: 2,495 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	2500	9.625	36.00	J-55	LT&C	2500	2500	8.796	20443

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1082	2020	1.867	2495	3520	1.41	90	453	5.03 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 29,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2500 ft, a mud weight of 8.33 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43013514850000 State 1-18-3-1WHrev**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Intermediate
Project ID:	43-013-51485
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 11.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,264 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,166 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 7,163 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 195 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 4,636 ft

Completion type is subs

Directional Info - Build & Hold
Kick-off point 3000 ft
Departure at shoe: 567 ft
Maximum dogleg: 10.5 °/100ft
Inclination at shoe: 89.59 °

Re subsequent strings:
Next setting depth: 8,648 ft
Next mud weight: 11.500 ppg
Next setting BHP: 5,166 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 8,648 ft
Injection pressure: 8,648 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	9040	7	29.00	P-110	Buttress	8648	9040	6.059	109245

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5166	8530	1.651	5166	11220	2.17	250.8	929.4	3.71 B

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 29,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 8648 ft, a mud weight of 11.5 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**43013514850000 State 1-18-3-1WHrev**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production Liner
Project ID:	43-013-51485
Location:	DUCHESNE COUNTY

Design parameters:

Collapse
Mud weight: 11.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,199 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 5,064 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 8,451 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 193 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Liner top: 8,072 ft
Directional Info - Build & Hold
Kick-off point 3000 ft
Departure at shoe: 4447 ft
Maximum dogleg: 10.5 °/100ft
Inclination at shoe: 92.59 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	4950	4.5	13.50	P-110	Buttress	8477	13050	3.795	29697

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	5064	10680	2.109	5102	12410	2.43	5.4	421.9	78.51 B

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: March 29,2013
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 8477 ft, a mud weight of 11.5 ppg The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

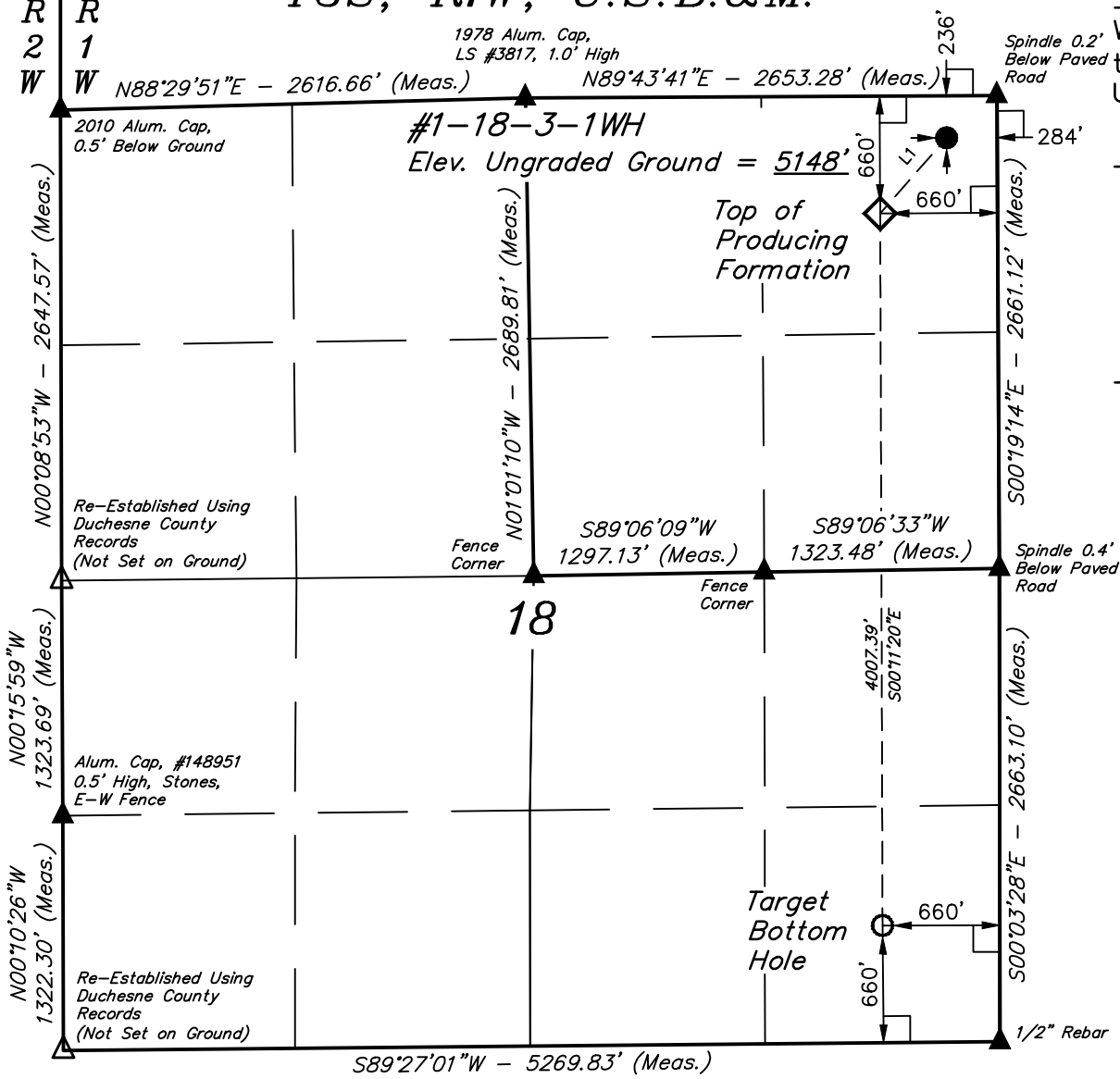
Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Newfield production Company respectfully submits this sundry to amend the previously approved State 1-18-3-1W. The well has been changed to a 640 acre horizontal well with an MD of 13,050 feet and to include the use of OBM during drilling. No changes have been made to the pad location. The new bottomhole location footages are 660' FSL & 660' FEL, SE/4 SE/4, Section 18, T3S, R1W, USB&M. Additionally, the well name has changed to the State 1-18-3-1WH. Attached please find an updated plat package, drilling plan and directional plan. The well remains on surface owned by Karl and Donna Lamb with surface use in place.

RECEIVED: Mar. 23, 2013

T3S, R1W, U.S.B.&M.



NEWFIELD EXPLORATION COMPANY

Well location, #1-18-3-1WH, located as shown in the NE 1/4 NE 1/4 of Section 18, T3S, R1W, U.S.B.&M., Duchesne County, Utah.

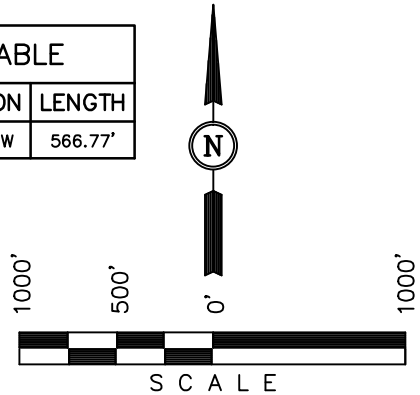
BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHEAST CORNER OF SECTION 20, T3S, R2W, U.S.B.&M. TAKEN FROM THE MYTON, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5148 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S41°14'51"W	566.77'



CERTIFICATE

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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
OF UTAH

11-21-12

REV: 11-20-12 S.F.

LEGEND:

- = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S41°14'51"W	566.77'

NAD 83 (TOP OF PRODUCING FORMATION)	NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°13'40.74" (40.227983)	LATITUDE = 40°13'01.15" (40.216986)	LATITUDE = 40°13'44.95" (40.229153)
LONGITUDE = 110°01'54.87" (110.031908)	LONGITUDE = 110°01'54.75" (110.031875)	LONGITUDE = 110°01'50.05" (110.030569)
NAD 27 (TOP OF PRODUCING FORMATION)	**NAD 27 (TARGET BOTTOM HOLE)**	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°13'40.89" (40.228025)	LATITUDE = 40°13'01.29" (40.217025)	LATITUDE = 40°13'45.10" (40.229194)
LONGITUDE = 110°01'52.33" (110.031203)	LONGITUDE = 110°01'52.21" (110.031169)	LONGITUDE = 110°01'47.51" (110.029864)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-26-12	DATE DRAWN: 04-27-12
PARTY M.A. T.B. J.J.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE NEWFIELD EXPLORATION COMPANY	

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NEWFIELD EXPLORATION COMPANY
#1-18-3-1WH & #4-17-3-1WH
SECTION 18, T3S, R1W, U.S.B.&M.

PROCEED IN A NORTHEASTERLY, THEN NORTHERLY DIRECTION FROM MYTON, UTAH ALONG HIGHWAY 40 APPROXIMATELY 1.0 MILES TO THE JUNCTION OF HIGHWAY 40 AND 6250 SOUTH TO THE EAST; TURN RIGHT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.0 MILES TO JUNCTION OF 6250 SOUTH AND 5750 SOUTH TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND 2000 WEST TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 69’ TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED LOCATION IS APPROXIMATELY 4.0 MILES.

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Newfield Production Company
1-18-3-1WH
Surface Hole Location: 236' FNL, 284' FEL, Section 18, T3S, R1W
Bottom Hole Location: 660' FSL, 660' FEL, Section 18, T3S, R1W
Duchesne County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	3,582'
Garden Gulch member	6,443'
Uteland Butte	8,594'
Lateral TD	8,477' TVD / 13,050' MD

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

Base of moderately saline	1,981'	(water)
Green River	6,443' - 8,477'	(oil)

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter
Interm/Prod	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system. A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom (TVD/MD)							Burst	Collapse	Tension
Conductor 14	0'	60'	37	H-40	Weld	--	--	--	--	--	--
									--	--	--
Surface 9 5/8	0'	2,500'	36	J-55	LTC	8.33	8.33	12	3,520	2,020	453,000
									2.51	2.54	5.03
Intermediate 7	0'	8,648' 9,040'	29	P-110	BTC	11	11.5	15	11,220	8,510	929,000
									2.75	1.98	3.54
Production 4 1/2	8,072'	8,477' 13,050'	13.5	P-110	BTC	11	11.5	--	12,410	10,670	422,000
									3.10	2.53	6.28

Assumptions:

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

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Production 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 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	41 / 35	15%	15.8	1.17
Surface Lead	12 1/4	2,000'	Type III + .125 lbs/sk Cello Flakes	720 / 216	15%	11.0	3.33
Surface Tail	12 1/4	500'	Type III + .125 lbs/sk Cello Flakes	180 / 95	15%	13.0	1.9
Intermediate Lead	8 3/4	3,943'	Premium - 65% Class G / 35% Poz + 10% Bentonite	682 / 263	15%	11.5	2.59
Intermediate Tail	8 3/4	2,597'	50/50 Poz/Class G + 1% bentonite	449 / 277	15%	13.0	1.62
Production	6 1/8	--	Liner will not be cemented. It will be isolated with a liner top packer.	-- / --	--	--	--

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 intermediate casing string will be calculated from an open hole caliper log, plus 15% excess.

The cement slurries will be adjusted for hole conditions and blend test results.

The production liner will be left uncemented. Individual frac stages will be isolated with open hole packers. A liner top hanger and packer will be installed 50' above KOP.

6. Type and Characteristics of Proposed Circulating Medium

Interval	Description
Surface - 2,500'	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. Water will be on location to be used as kill fluid, if necessary.
2,500' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and

if conditions warrant, with barite.

-or-

A diesel based OBM system: with an oil to water ratio between 70/30 and 80/20. Emulsifiers and wetting agents will be used to maintain adequate mud properties. A water phase salinity will be maintained in the range of 25% using CaCl (Calcium Chloride).

Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run in the intermediate section from the top of the curve to the base of the surface casing. A compensated neutron/formation density log will be run in the intermediate section from the top of the curve to the top of the Garden Gulch formation. A cement bond log will be run from the top of the curve to the cement top behind the intermediate 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 0.57 psi/ft gradient.

8,477' x 0.57 psi/ft = 4849 psi

No abnormal temperature is expected. No H_2S is expected.

9. Other Aspects

An 8-3/4" vertical hole will be drilled to a kick off point of 8,122' .
Directional tools will then be used to build to 92.60 degrees inclination.
The 7" intermediate casing string will be set once the well is landed horizontally in the target zone.

The lateral will be drilled to the bottomhole location shown on the plat.
A liner with a system of open hole packers will be used to provide multi-stage frac isolation in the lateral. The top of the liner will be place 50' above KOP and will be isolated with a liner top packer.

Newfield requests the following variances from Onshore Order #2:

- Variance from Onshoer Order #2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

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If oil based mud (OBM) is used, all processed OBM drill cuttings would be removed from the well bore using a closed loop system. OBM cuttings would be dried and centrifuged and then temporarily stored within a lined pit that would be constructed inboard of the pad area. The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit, and a minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times. All OBM cuttings will be mechanically dried and centrifuged so that they can be easily transferred to a lined cuttings pit with little to no free fluid on them. Samples of the mechanically dried OBM cuttings will be taken for chemical analysis. The OBM cuttings will then be mixed with a chemical drying agent and the chemically dried OBM cuttings will be placed in a lined cuttings pit on the generating location that is separated from the water based cuttings. The pit will be of sufficient size to contain all cuttings generated in the drilling process. At this point, the chemically dried OBM cuttings are ready for the Firmus® construction process or the OBM cuttings may also be transported to a state approved disposal facility. If an oil based mud is not used, a conventional reserve pit will be utilized. The pit will be reclaimed using UDOGM and BLM approved procedures.

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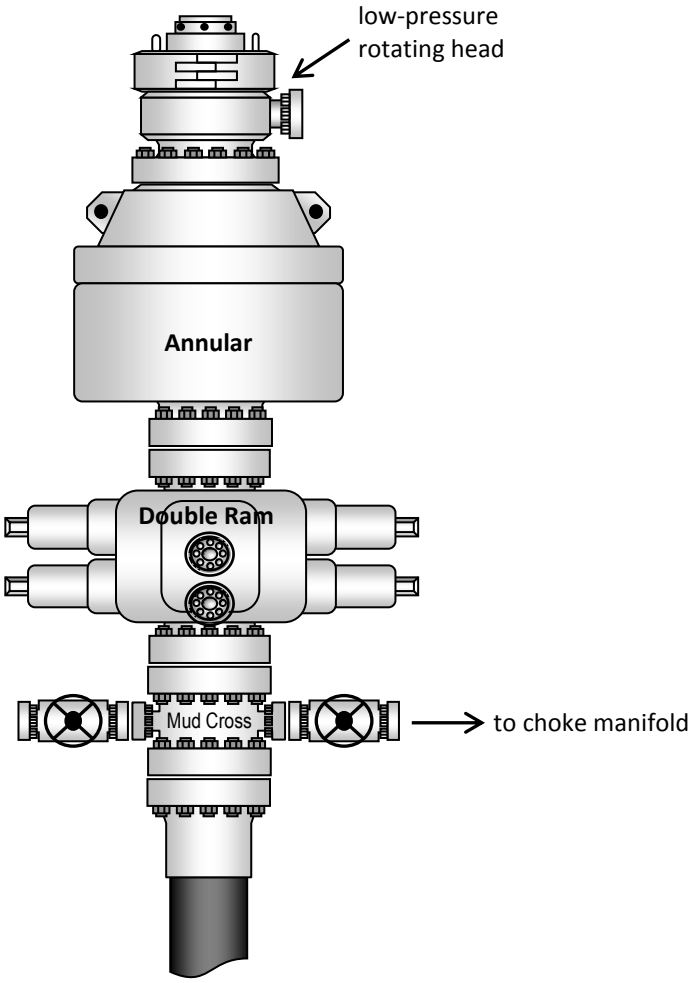
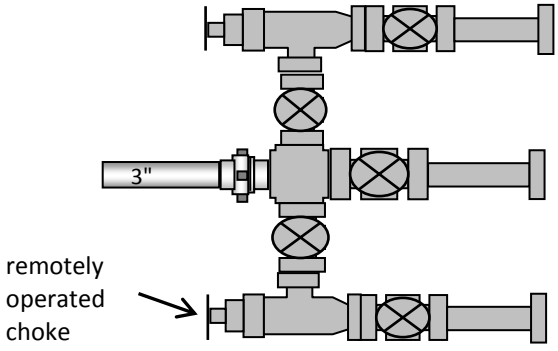
Typical 5M BOP stack configuration



Typical 5M choke manifold configuration



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Newfield Exploration Company

Duchesne County, UT
Sec. 18-T3S-R1W
1-18-3-1WH

Plan A Rev 0 Permit

Plan: Plan A Rev 0 Proposed Permit Only

Sperry Drilling Services

Proposal Report

24 January, 2013

Well Coordinates: 2,211,500.66 N, 625,044.56 E (40° 13' 44.95" N, 110° 01' 50.05" W)
Ground Level: 5,148.00 ft

Local Coordinate Origin:	Centered on Site Sec. 18-T3S-R1W
Viewing Datum:	WELL @ 5166.0ft (Original Well Elev)
TVDs to System:	N
North Reference:	True
Unit System:	API

Geodetic Scale Factor Applied
Version: 5000.1 Build: 61

HALLIBURTON

RECEIVED: Mar. 23, 2013

Project: Duchesne County, UT
Site: Sec. 18-T3S-R1W
Well: 1-18-3-1WH
Wellbore: Plan A Rev 0 Permit
Design: Plan A Rev 0 Proposed Permit Only

Newfield Exploration Company

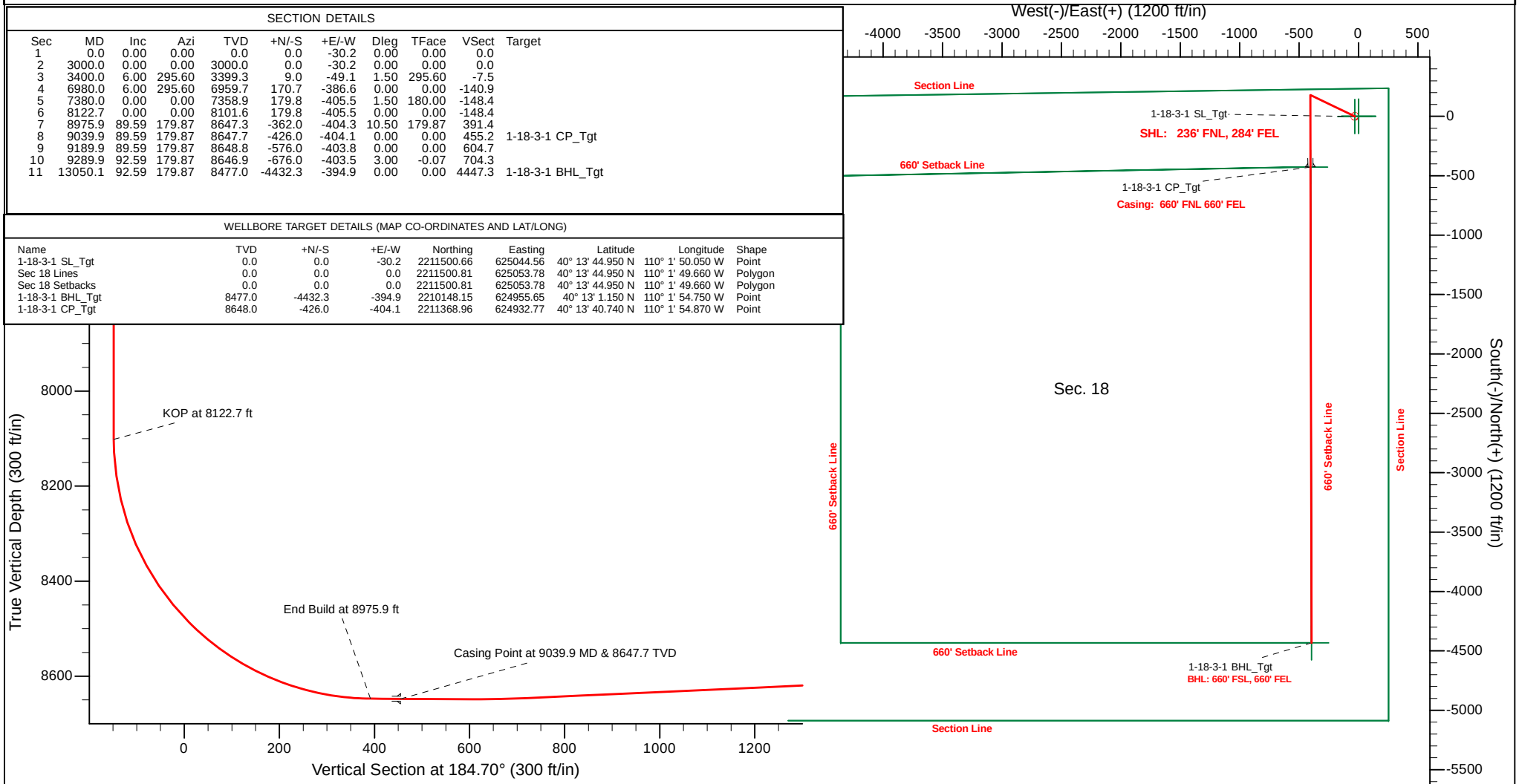
HALLIBURTON
Sperry Drilling

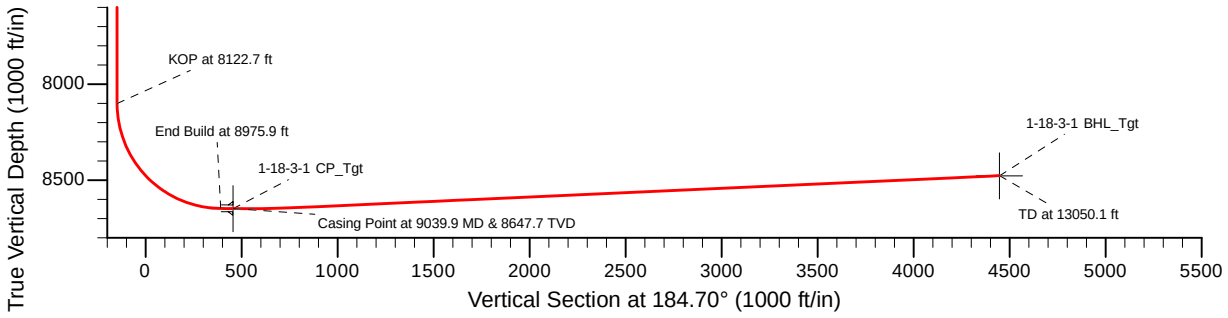
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	-30.2	0.00	0.00	0.0	
2	3000.0	0.00	0.00	3000.0	0.0	-30.2	0.00	0.00	0.0	
3	3400.0	6.00	295.60	3399.3	9.0	-49.1	1.50	295.60	-7.5	
4	6980.0	6.00	295.60	6959.7	170.7	-386.6	0.00	0.00	-140.9	
5	7380.0	0.00	0.00	7358.9	179.8	-405.5	1.50	180.00	-148.4	
6	8122.7	0.00	0.00	8101.6	179.8	-405.5	0.00	0.00	-148.4	
7	8975.9	89.59	179.87	8647.3	-362.0	-404.3	10.50	179.87	391.4	
8	9039.9	89.59	179.87	8647.7	-426.0	-404.1	0.00	0.00	455.2	1-18-3-1 CP_Tgt
9	9189.9	89.59	179.87	8648.8	-576.0	-403.8	0.00	0.00	604.7	
10	9289.9	92.59	179.87	8646.9	-676.0	-403.5	3.00	-0.07	704.3	
11	13050.1	92.59	179.87	8477.0	-4432.3	-394.9	0.00	0.00	4447.3	1-18-3-1 BHL_Tgt

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
1-18-3-1 SL_Tgt	0.0	0.0	-30.2	2211500.66	625044.56	40° 13' 44.950 N	110° 1' 50.050 W	Point
Sec 18 Lines	0.0	0.0	0.0	2211500.81	625053.78	40° 13' 44.950 N	110° 1' 49.660 W	Polygon
Sec 18 Setbacks	0.0	0.0	0.0	2211500.81	625053.78	40° 13' 44.950 N	110° 1' 49.660 W	Polygon
1-18-3-1 BHL_Tgt	8477.0	-4432.3	-394.9	2210148.15	624955.65	40° 13' 1.150 N	110° 1' 54.750 W	Point
1-18-3-1 CP_Tgt	8648.0	-426.0	-404.1	2211368.96	624932.77	40° 13' 40.740 N	110° 1' 54.870 W	Point





WELL DETAILS: 1-18-3-1WH

Ground Level: 5148.0

Northing	Easting	Latitude	Longitude
2211500.66	625044.56	40° 13' 44.950 N	110° 1' 50.050 W

Plan A Rev 0 Proposed Permit Only (1-18-3-1WH)

Created By: Lacy Boughdadly Date: 1/24/2013

Checked: _____ Date: _____

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Plan Report for 1-18-3-1WH - Plan A Rev 0 Proposed Permit Only

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)	Toolface Azimuth (°)
0.0	0.00	0.00	0.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	-30.2	0.0	0.00	0.00	0.00	0.00
3,100.0	1.50	295.60	3,100.0	0.6	-31.4	-0.5	1.50	1.50	0.00	295.60
3,200.0	3.00	295.60	3,199.9	2.3	-35.0	-1.9	1.50	1.50	0.00	0.00
3,300.0	4.50	295.60	3,299.7	5.1	-40.9	-4.2	1.50	1.50	0.00	0.00
3,400.0	6.00	295.60	3,399.3	9.0	-49.1	-7.5	1.50	1.50	0.00	0.00
3,500.0	6.00	295.60	3,498.7	13.5	-58.5	-11.2	0.00	0.00	0.00	0.00
3,600.0	6.00	295.60	3,598.2	18.1	-68.0	-14.9	0.00	0.00	0.00	0.00
3,700.0	6.00	295.60	3,697.6	22.6	-77.4	-18.6	0.00	0.00	0.00	0.00
3,800.0	6.00	295.60	3,797.1	27.1	-86.8	-22.4	0.00	0.00	0.00	0.00
3,900.0	6.00	295.60	3,896.5	31.6	-96.3	-26.1	0.00	0.00	0.00	0.00
4,000.0	6.00	295.60	3,996.0	36.1	-105.7	-29.8	0.00	0.00	0.00	0.00
4,100.0	6.00	295.60	4,095.4	40.6	-115.1	-33.6	0.00	0.00	0.00	0.00
4,200.0	6.00	295.60	4,194.9	45.2	-124.5	-37.3	0.00	0.00	0.00	0.00
4,300.0	6.00	295.60	4,294.3	49.7	-134.0	-41.0	0.00	0.00	0.00	0.00
4,400.0	6.00	295.60	4,393.8	54.2	-143.4	-44.7	0.00	0.00	0.00	0.00
4,500.0	6.00	295.60	4,493.2	58.7	-152.8	-48.5	0.00	0.00	0.00	0.00
4,600.0	6.00	295.60	4,592.7	63.2	-162.2	-52.2	0.00	0.00	0.00	0.00
4,700.0	6.00	295.60	4,692.1	67.7	-171.7	-55.9	0.00	0.00	0.00	0.00
4,800.0	6.00	295.60	4,791.6	72.3	-181.1	-59.7	0.00	0.00	0.00	0.00
4,900.0	6.00	295.60	4,891.1	76.8	-190.5	-63.4	0.00	0.00	0.00	0.00
5,000.0	6.00	295.60	4,990.5	81.3	-199.9	-67.1	0.00	0.00	0.00	0.00
5,100.0	6.00	295.60	5,090.0	85.8	-209.4	-70.8	0.00	0.00	0.00	0.00
5,200.0	6.00	295.60	5,189.4	90.3	-218.8	-74.6	0.00	0.00	0.00	0.00
5,300.0	6.00	295.60	5,288.9	94.8	-228.2	-78.3	0.00	0.00	0.00	0.00
5,400.0	6.00	295.60	5,388.3	99.4	-237.7	-82.0	0.00	0.00	0.00	0.00
5,500.0	6.00	295.60	5,487.8	103.9	-247.1	-85.8	0.00	0.00	0.00	0.00
5,600.0	6.00	295.60	5,587.2	108.4	-256.5	-89.5	0.00	0.00	0.00	0.00
5,700.0	6.00	295.60	5,686.7	112.9	-265.9	-93.2	0.00	0.00	0.00	0.00
5,800.0	6.00	295.60	5,786.1	117.4	-275.4	-96.9	0.00	0.00	0.00	0.00

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Plan Report for 1-18-3-1WH - Plan A Rev 0 Proposed Permit Only

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)	Toolface Azimuth (°)
5,900.0	6.00	295.60	5,885.6	121.9	-284.8	-100.7	0.00	0.00	0.00	0.00
6,000.0	6.00	295.60	5,985.0	126.5	-294.2	-104.4	0.00	0.00	0.00	0.00
6,100.0	6.00	295.60	6,084.5	131.0	-303.6	-108.1	0.00	0.00	0.00	0.00
6,200.0	6.00	295.60	6,183.9	135.5	-313.1	-111.9	0.00	0.00	0.00	0.00
6,300.0	6.00	295.60	6,283.4	140.0	-322.5	-115.6	0.00	0.00	0.00	0.00
6,400.0	6.00	295.60	6,382.8	144.5	-331.9	-119.3	0.00	0.00	0.00	0.00
6,500.0	6.00	295.60	6,482.3	149.0	-341.3	-123.0	0.00	0.00	0.00	0.00
6,600.0	6.00	295.60	6,581.7	153.6	-350.8	-126.8	0.00	0.00	0.00	0.00
6,700.0	6.00	295.60	6,681.2	158.1	-360.2	-130.5	0.00	0.00	0.00	0.00
6,800.0	6.00	295.60	6,780.6	162.6	-369.6	-134.2	0.00	0.00	0.00	0.00
6,900.0	6.00	295.60	6,880.1	167.1	-379.1	-138.0	0.00	0.00	0.00	0.00
6,980.0	6.00	295.60	6,959.7	170.7	-386.6	-140.9	0.00	0.00	0.00	0.00
7,000.0	5.70	295.60	6,979.6	171.6	-388.4	-141.7	1.50	-1.50	0.00	180.00
7,100.0	4.20	295.60	7,079.2	175.3	-396.2	-144.7	1.50	-1.50	0.00	180.00
7,200.0	2.70	295.60	7,179.0	177.9	-401.6	-146.9	1.50	-1.50	0.00	180.00
7,300.0	1.20	295.60	7,278.9	179.4	-404.7	-148.1	1.50	-1.50	0.00	180.00
7,380.0	0.00	0.00	7,358.9	179.8	-405.5	-148.4	1.50	-1.50	0.00	180.00
7,400.0	0.00	0.00	7,378.9	179.8	-405.5	-148.4	0.00	0.00	0.00	0.00
7,500.0	0.00	0.00	7,478.9	179.8	-405.5	-148.4	0.00	0.00	0.00	0.00
7,600.0	0.00	0.00	7,578.9	179.8	-405.5	-148.4	0.00	0.00	0.00	0.00
7,700.0	0.00	0.00	7,678.9	179.8	-405.5	-148.4	0.00	0.00	0.00	0.00
7,800.0	0.00	0.00	7,778.9	179.8	-405.5	-148.4	0.00	0.00	0.00	0.00
7,900.0	0.00	0.00	7,878.9	179.8	-405.5	-148.4	0.00	0.00	0.00	0.00
8,000.0	0.00	0.00	7,978.9	179.8	-405.5	-148.4	0.00	0.00	0.00	0.00
8,100.0	0.00	0.00	8,078.9	179.8	-405.5	-148.4	0.00	0.00	0.00	0.00
8,122.7	0.00	0.00	8,101.6	179.8	-405.5	-148.4	0.00	0.00	0.00	0.00
KOP at 8122.7 ft										
8,150.0	2.87	179.87	8,128.9	179.1	-405.5	-147.7	10.51	10.51	0.00	179.87
8,200.0	8.12	179.87	8,178.7	174.3	-405.5	-143.0	10.50	10.50	0.00	0.00
8,250.0	13.37	179.87	8,227.8	165.0	-405.4	-133.7	10.50	10.50	0.00	0.00
8,300.0	18.62	179.87	8,275.8	151.2	-405.4	-119.9	10.50	10.50	0.00	0.00
8,350.0	23.87	179.87	8,322.4	133.1	-405.4	-101.9	10.50	10.50	0.00	0.00
8,400.0	29.12	179.87	8,367.1	110.8	-405.3	-79.7	10.50	10.50	0.00	0.00
8,450.0	34.37	179.87	8,409.6	84.5	-405.3	-53.5	10.50	10.50	0.00	0.00
8,500.0	39.62	179.87	8,449.6	54.4	-405.2	-23.5	10.50	10.50	0.00	0.00
8,550.0	44.87	179.87	8,486.6	20.8	-405.1	10.0	10.50	10.50	0.00	0.00
8,600.0	50.12	179.87	8,520.3	-16.0	-405.0	46.7	10.50	10.50	0.00	0.00
8,650.0	55.37	179.87	8,550.6	-55.8	-404.9	86.3	10.50	10.50	0.00	0.00
8,700.0	60.62	179.87	8,577.1	-98.2	-404.8	128.6	10.50	10.50	0.00	0.00
8,750.0	65.87	179.87	8,599.6	-142.8	-404.7	173.0	10.50	10.50	0.00	0.00
8,800.0	71.12	179.87	8,617.9	-189.3	-404.6	219.4	10.50	10.50	0.00	0.00
8,850.0	76.37	179.87	8,631.9	-237.3	-404.5	267.2	10.50	10.50	0.00	0.00
8,900.0	81.62	179.87	8,641.4	-286.4	-404.4	316.1	10.50	10.50	0.00	0.00
8,950.0	86.87	179.87	8,646.5	-336.1	-404.3	365.6	10.50	10.50	0.00	0.00
8,975.9	89.59	179.87	8,647.3	-362.0	-404.3	391.4	10.50	10.50	0.00	0.00
End Build at 8975.9 ft										
9,000.0	89.59	179.87	8,647.4	-386.1	-404.2	415.4	0.00	0.00	0.00	0.00
9,039.9	89.59	179.87	8,647.7	-426.0	-404.1	455.2	0.00	0.00	0.00	0.00
Casing Point at 9039.9 MD & 8647.7 TVD - 7"										
9,100.0	89.59	179.87	8,648.1	-486.1	-404.0	515.1	0.00	0.00	0.00	0.00
9,189.9	89.59	179.87	8,648.8	-576.0	-403.8	604.7	0.00	0.00	0.00	0.00
9,200.0	89.89	179.87	8,648.8	-586.1	-403.7	614.7	3.00	3.00	0.00	-0.07
9,289.9	92.59	179.87	8,646.9	-676.0	-403.5	704.3	3.00	3.00	0.00	-0.07
9,300.0	92.59	179.87	8,646.4	-686.0	-403.5	714.3	0.00	0.00	0.00	0.00
9,400.0	92.59	179.87	8,641.9	-785.9	-403.3	813.9	0.00	0.00	0.00	0.00
9,500.0	92.59	179.87	8,637.4	-885.8	-403.1	913.4	0.00	0.00	0.00	0.00
9,600.0	92.59	179.87	8,632.9	-985.7	-402.8	1,013.0	0.00	0.00	0.00	0.00
9,700.0	92.59	179.87	8,628.4	-1,085.6	-402.6	1,112.5	0.00	0.00	0.00	0.00
9,800.0	92.59	179.87	8,623.8	-1,185.5	-402.4	1,212.0	0.00	0.00	0.00	0.00

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Plan Report for 1-18-3-1WH - Plan A Rev 0 Proposed Permit Only

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)	Toolface Azimuth (°)
9,900.0	92.59	179.87	8,619.3	-1,285.4	-402.1	1,311.6	0.00	0.00	0.00	0.00
10,000.0	92.59	179.87	8,614.8	-1,385.3	-401.9	1,411.1	0.00	0.00	0.00	0.00
10,100.0	92.59	179.87	8,610.3	-1,485.2	-401.7	1,510.7	0.00	0.00	0.00	0.00
10,200.0	92.59	179.87	8,605.8	-1,585.1	-401.4	1,610.2	0.00	0.00	0.00	0.00
10,300.0	92.59	179.87	8,601.2	-1,685.0	-401.2	1,709.8	0.00	0.00	0.00	0.00
10,400.0	92.59	179.87	8,596.7	-1,784.9	-401.0	1,809.3	0.00	0.00	0.00	0.00
10,500.0	92.59	179.87	8,592.2	-1,884.8	-400.7	1,908.8	0.00	0.00	0.00	0.00
10,600.0	92.59	179.87	8,587.7	-1,984.7	-400.5	2,008.4	0.00	0.00	0.00	0.00
10,700.0	92.59	179.87	8,583.2	-2,084.6	-400.3	2,107.9	0.00	0.00	0.00	0.00
10,800.0	92.59	179.87	8,578.7	-2,184.5	-400.1	2,207.5	0.00	0.00	0.00	0.00
10,900.0	92.59	179.87	8,574.1	-2,284.4	-399.8	2,307.0	0.00	0.00	0.00	0.00
11,000.0	92.59	179.87	8,569.6	-2,384.3	-399.6	2,406.5	0.00	0.00	0.00	0.00
11,100.0	92.59	179.87	8,565.1	-2,484.2	-399.4	2,506.1	0.00	0.00	0.00	0.00
11,200.0	92.59	179.87	8,560.6	-2,584.1	-399.1	2,605.6	0.00	0.00	0.00	0.00
11,300.0	92.59	179.87	8,556.1	-2,684.0	-398.9	2,705.2	0.00	0.00	0.00	0.00
11,400.0	92.59	179.87	8,551.5	-2,783.9	-398.7	2,804.7	0.00	0.00	0.00	0.00
11,500.0	92.59	179.87	8,547.0	-2,883.8	-398.4	2,904.3	0.00	0.00	0.00	0.00
11,600.0	92.59	179.87	8,542.5	-2,983.7	-398.2	3,003.8	0.00	0.00	0.00	0.00
11,700.0	92.59	179.87	8,538.0	-3,083.6	-398.0	3,103.3	0.00	0.00	0.00	0.00
11,800.0	92.59	179.87	8,533.5	-3,183.5	-397.7	3,202.9	0.00	0.00	0.00	0.00
11,900.0	92.59	179.87	8,528.9	-3,283.4	-397.5	3,302.4	0.00	0.00	0.00	0.00
12,000.0	92.59	179.87	8,524.4	-3,383.3	-397.3	3,402.0	0.00	0.00	0.00	0.00
12,100.0	92.59	179.87	8,519.9	-3,483.2	-397.1	3,501.5	0.00	0.00	0.00	0.00
12,200.0	92.59	179.87	8,515.4	-3,583.1	-396.8	3,601.1	0.00	0.00	0.00	0.00
12,300.0	92.59	179.87	8,510.9	-3,683.0	-396.6	3,700.6	0.00	0.00	0.00	0.00
12,400.0	92.59	179.87	8,506.4	-3,782.9	-396.4	3,800.1	0.00	0.00	0.00	0.00
12,500.0	92.59	179.87	8,501.8	-3,882.8	-396.1	3,899.7	0.00	0.00	0.00	0.00
12,600.0	92.59	179.87	8,497.3	-3,982.7	-395.9	3,999.2	0.00	0.00	0.00	0.00
12,700.0	92.59	179.87	8,492.8	-4,082.6	-395.7	4,098.8	0.00	0.00	0.00	0.00
12,800.0	92.59	179.87	8,488.3	-4,182.5	-395.4	4,198.3	0.00	0.00	0.00	0.00
12,900.0	92.59	179.87	8,483.8	-4,282.4	-395.2	4,297.9	0.00	0.00	0.00	0.00
13,000.0	92.59	179.87	8,479.2	-4,382.3	-395.0	4,397.4	0.00	0.00	0.00	0.00
13,050.1	92.59	179.87	8,477.0	-4,432.3	-394.9	4,447.3	0.00	0.00	0.00	0.00
TD at 13050.1 ft										

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
8,122.7	8,101.6	0.0	-30.2	KOP at 8122.7 ft
8,975.9	8,647.3	9.0	-49.1	End Build at 8975.9 ft
9,039.9	8,647.7	170.7	-386.6	Casing Point at 9039.9 MD & 8647.7 TVD
13,050.1	8,477.0	179.8	-405.5	TD at 13050.1 ft

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/_S (ft)	Origin +E/-W (ft)	Start TVD (ft)
Target	1-18-3-1 BHL_Tgt	184.70	Slot	0.0	-30.2	8,477.0

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
0.0	13,050.1	Plan A Rev 0 Proposed Permit Only	MWD

Plan Report for 1-18-3-1WH - Plan A Rev 0 Proposed Permit Only

Casing Details

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
9,039.9	8,647.7	7"	7.000	7.500

Targets associated with this wellbore

Target Name	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Shape
1-18-3-1 SL_Tgt	0.0	0.0	-30.2	Point
1-18-3-1 CP_Tgt	8,648.0	-426.0	-404.1	Point
1-18-3-1 BHL_Tgt	8,477.0	-4,432.3	-394.9	Point
Sec 18 Lines	0.0	0.0	0.0	Polygon
Sec 18 Setbacks	0.0	0.0	0.0	Polygon

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Newfield Exploration Company

HALLIBURTON

Duchesne County, UT

North Reference Sheet for Sec. 18-T3S-R1W - 1-18-3-1WH - Plan A Rev 0 Permit

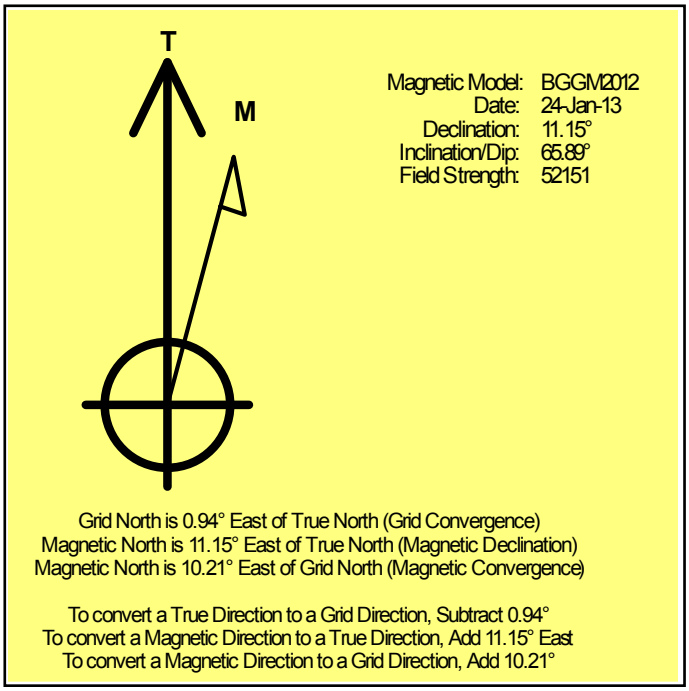
All data is in Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.
Vertical Depths are relative to WELL @ 5166.0ft (Original Well Elev). Northing and Easting are relative to Sec. 18-T3S-R1W
Coordinate System is US State Plane 1983, Utah Central Zone using datum North American Datum 1983, ellipsoid GRS 1980

Projection method is Lambert Conformal Conic (2 parallel)
Central Meridian is -111.50°, Longitude Origin:0° 0' 0.000 E°, Latitude Origin:40° 39' 0.000 N°
False Easting: 500,000.00m, False Northing: 2,000,000.00m, Scale Reduction: 0.99992244

Grid Coordinates of Well: 2,211,500.66 m N, 625,044.56 m E
Geographical Coordinates of Well: 40° 13' 44.95" N, 110° 01' 50.05" W
Grid Convergence at Surface is: 0.94°

Based upon Minimum Curvature type calculations, at a Measured Depth of 13,050.10ft
the Bottom Hole Displacement is 4,447.27ft in the Direction of 184.70° (True).

Magnetic Convergence at surface is: -10.21° (24 January 2013, , BGGM2012)



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NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT FOR

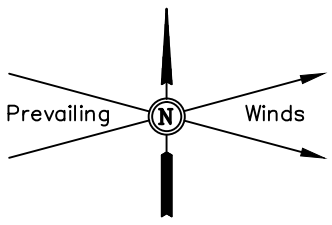
#1-18-3-1WH & #4-17-3-1WH

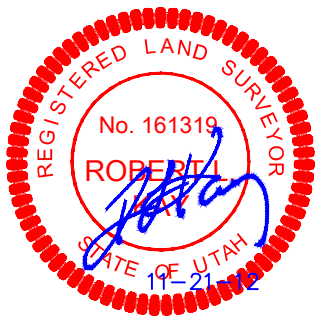
SECTION 18, T3S, R1W, U.S.B.&M.

NE 1/4 NE 1/4

FIGURE #1

SCALE: 1" = 100'
DATE: 04-27-12
DRAWN BY: J.J.
REVISED: 05-15-12
REV: 11-20-12 S.F.





Reserve Pit (8' Deep) Total Pit Capacity W/2' of Freeboard = 8,670 Bbls.± Total Pit Volume = 2,510 Cu. Yds

Reserve Pit (10' Deep) Total Pit Capacity W/2' of Freeboard = 11,060 Bbls.± Total Pit Volume = 3,010 Cu. Yds

Existing Water Line (To Be Re-Routed)

NE Cor. Sec. 18, Spindle 0.2' Below Paved Road

SECTION 7
SECTION 18

Approx. Top of Cut Slope

El. 52.7'
El. 50.1'

C-9.9' El. 56.4'
C-14.2' (Btm. Pit)
C-13.6' (Btm. Pit)
F-1.3' El. 45.2'

Existing Gate

Sta. 6+50
C-8.7' El. 55.2'
Sta. 5+94

10' WIDE BENCH
270'
44'
100'
100'
40'
100'
100'
RESERVE PIT (8' Deep)
RESERVE PIT (10' Deep)
1 1/2:1 Slope
Pit Topsoil
Reserve Pit Backfill & Spoils Stockpile
190'
150'
192'
C-2.5' El. 49.0'
C-3.9' El. 50.4'
C-2.4' El. 48.9'
F-1.6' El. 44.9'
170'
45'
10'
30'
280'
17'
Sta. 5+00
C-1.4' El. 47.9'
C-5.0' El. 51.5''
C-0.9' El. 47.4'
C-0.5' El. 47.0'
F-1.4' El. 45.1'
254'
267'
134'
19'
500'
252'
62'
F-6.0' El. 40.5'
F-6.8' El. 39.7'

Existing Road
Install 18" CMP
Proposed Access Road
Install Cattle Guard
Existing Fence
Existing Power Line
Existing Crop Line (No Disturbance Beyond This Point)

Cut/Fill Transition Line

#1-18
#4-17

5156
5154
5152
5150
5148
5146
5144
5142
5140
5138

S65°08'10"E - 1009.95' (To Top of Producing Formation)

Top of Producing Formation

Typical Horizontal Pad Layout

S41°14'51"W - 566.77' (To Top of Producing Formation)

Top of Producing Formation

S00°11'20"E - 4007.39' (To Target Bottom Hole)

Target Bottom Hole

S00°11'21"E - 3998.81' (To Target Bottom Hole)

Target Bottom Hole

Topsoil Stockpile

Sta. 0+00

Approx. Toe of Fill Slope

SECTION 18
SECTION 17

Elev. Ungraded Ground At Loc. Stake = 5147.9'
FINISHED GRADE ELEV. AT LOC. STAKE = 5146.5'

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1" = 40'
X-Section Scale
1" = 100'

DATE: 04-27-12
DRAWN BY: J.J.
REVISED: 05-15-12
REV: 11-20-12 S.F.

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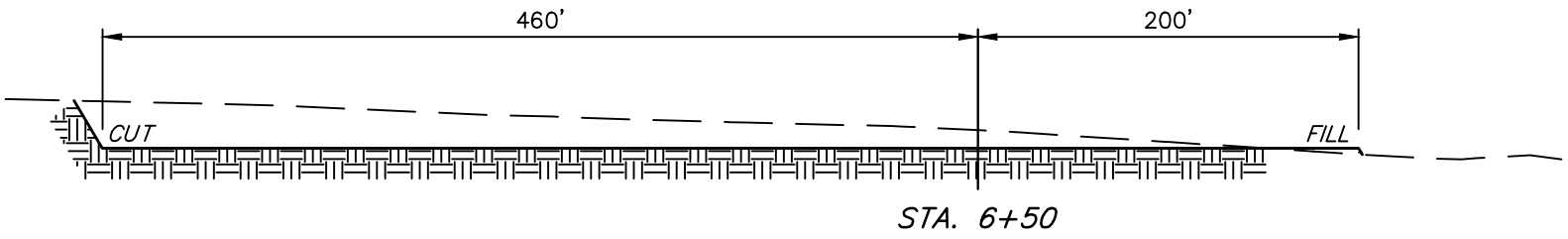
TYPICAL CROSS SECTIONS FOR

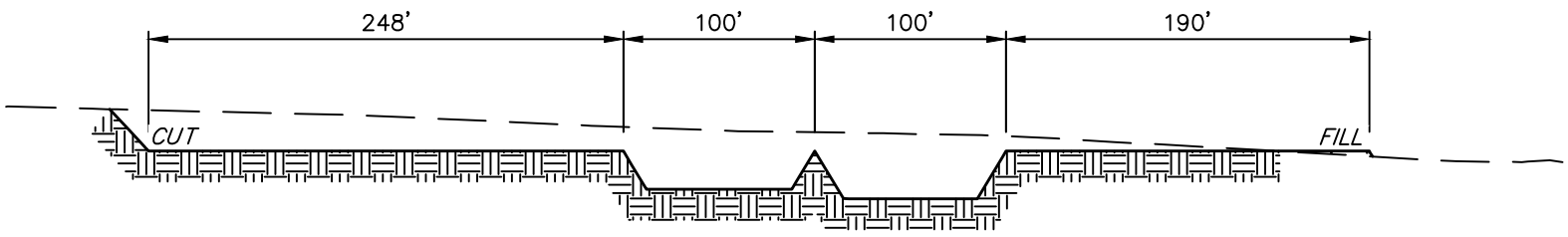
#1-18-3-1WH & #4-17-3-1WH
SECTION 18, T3S, R1W, U.S.B.&M.
NE 1/4 NE 1/4

FIGURE #2

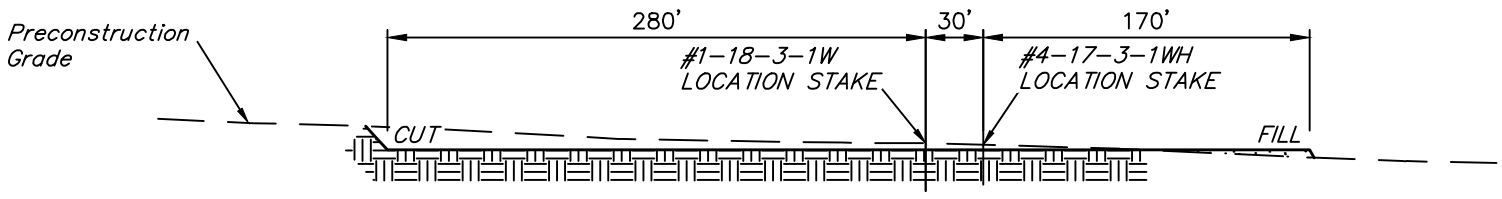
REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
11-21-12



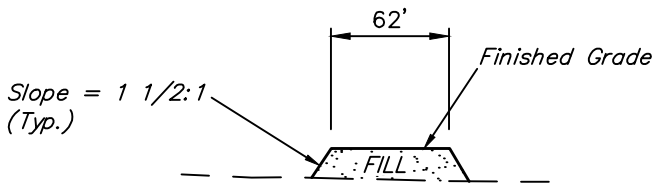
STA. 6+50



STA. 5+94



STA. 5+00



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(12") Topsoil Stripping	=	8,320 Cu. Yds.
Remaining Location	=	16,550 Cu. Yds.
TOTAL CUT	=	24,870 CU. YDS.
FILL	=	13,790 CU. YDS.

EXCESS MATERIAL	=	11,080 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	11,080 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE	= ± 6.847 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.013 ACRES
PIPELINE DISTURBANCE	= ± 1.332 ACRES
TOTAL	= ± 8.192 ACRES

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TYPICAL RIG LAYOUT FOR

#1-18-3-1WH & #4-17-3-1WH

SECTION 18, T3S, R1W, U.S.B.&M.

NE 1/4 NE 1/4

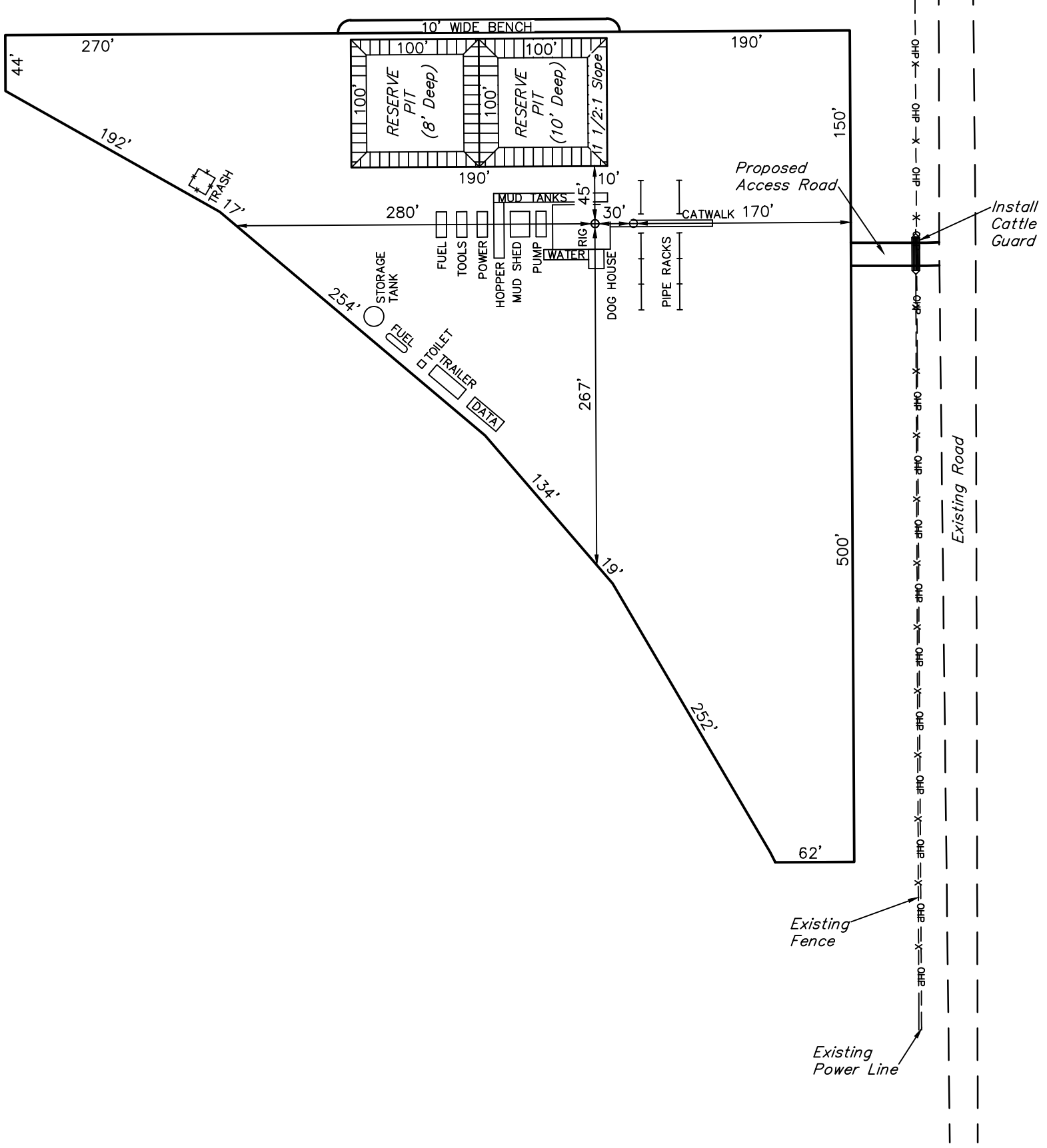
FIGURE #3

SCALE: 1" = 100'
DATE: 04-27-12
DRAWN BY: J.J.
REVISED: 05-15-12
REV: 11-20-12 S.F.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
11-21-12

Reserve Pit (8' Deep) Total Pit Capacity W/2' of Freeboard = 8,670 Bbls.± Total Pit Volume = 2,510 Cu. Yds

Reserve Pit (10' Deep) Total Pit Capacity W/2' of Freeboard = 11,060 Bbls.± Total Pit Volume = 3,010 Cu. Yds



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NEWFIELD EXPLORATION COMPANY

PRODUCTION FACILITY LAYOUT FOR

#1-18-3-1WH & #4-17-3-1WH

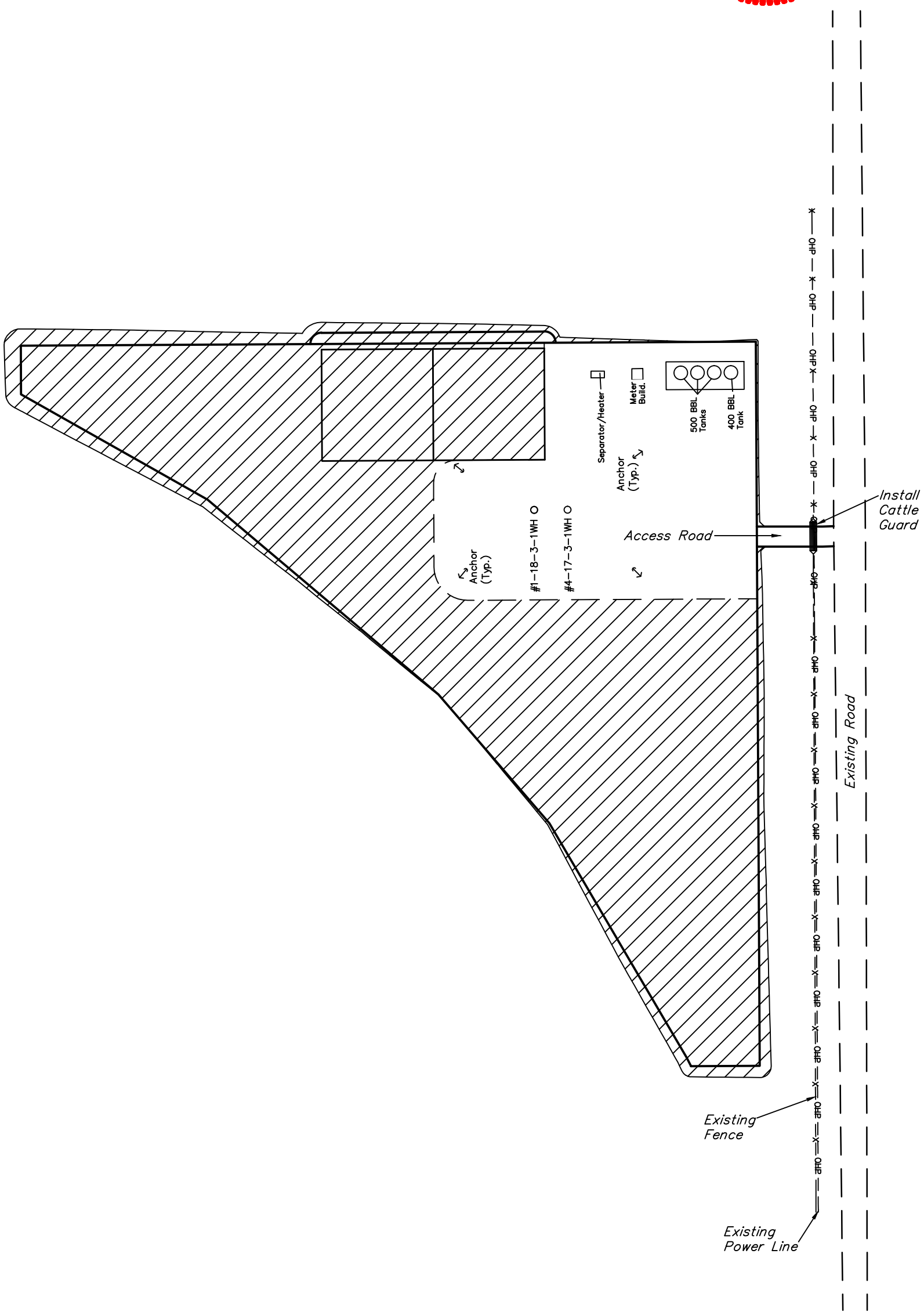
SECTION 18, T3S, R1W, U.S.B.&M.

NE 1/4 NE 1/4

FIGURE #4

SCALE: 1" = 100'
DATE: 04-27-12
DRAWN BY: J.J.
REVISED: 05-15-12
REV: 11-20-12 S.F.

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH
11-21-12



RECLAIMED AREA

APPROXIMATE ACREAGES

UN-RECLAIMED = ± 1.289 ACRES

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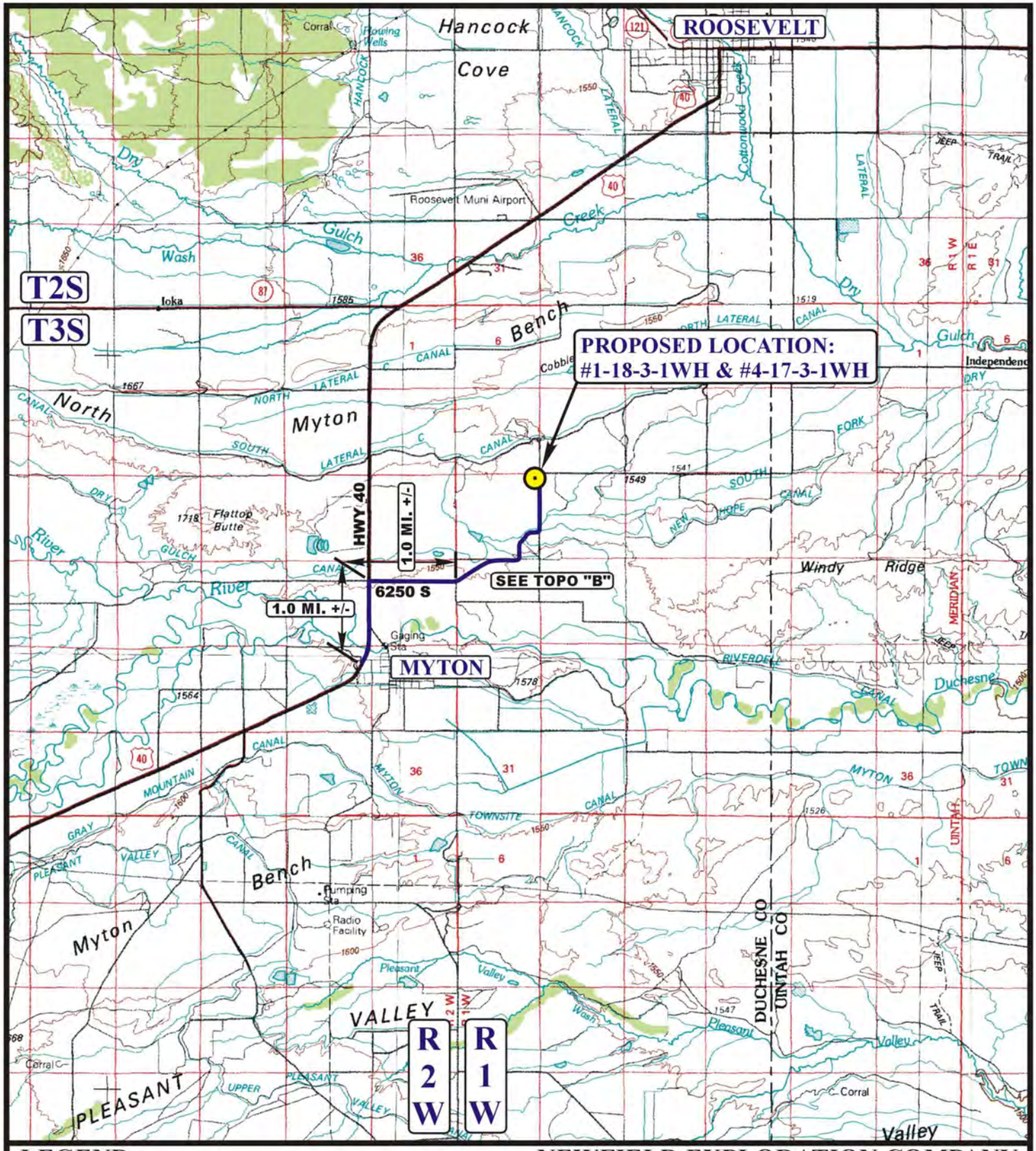
RECEIVED: Mar. 23, 2013



LEGEND:

PROPOSED LOCATION

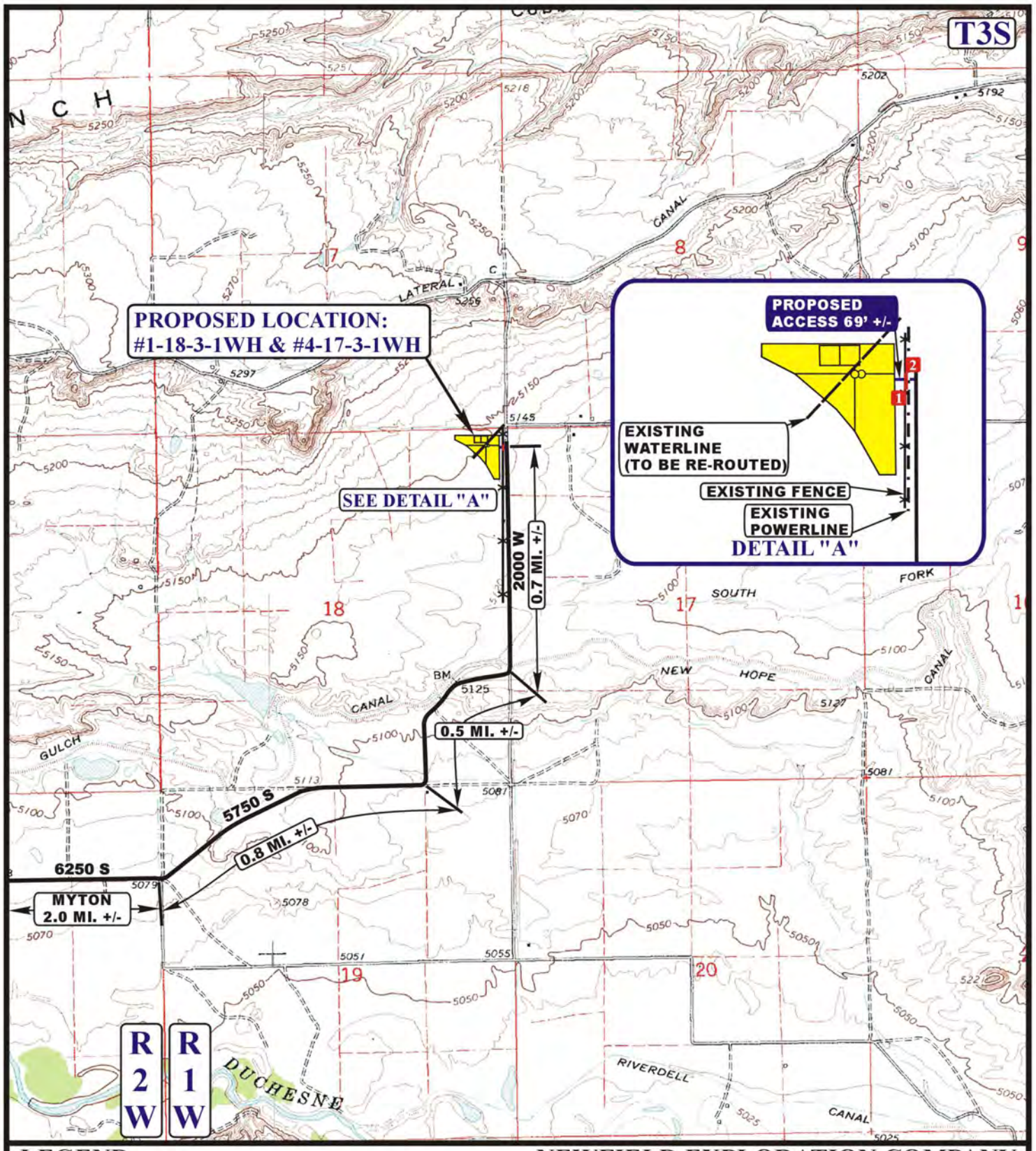
N

NEWFIELD EXPLORATION COMPANY

#1-18-3-1WH & #4-17-3-1WH
SECTION 18, T3S, R1W, U.S.B.&M.
NE 1/4 NE 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	04 MONTH	27 DAY	12 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.I.	REVISED: 11-21-12		



LEGEND:

EXISTING ROAD
PROPOSED ACCESS ROAD
EXISTING FENCE
EXISTING POWERLINE
1 INSTALL CATTLE GUARD 2 18" CMP REQUIRED

N

NEWFIELD EXPLORATION COMPANY

#1-18-3-1WH & #4-17-3-1WH
SECTION 18, T3S, R1W, U.S.B.&M.
NE 1/4 NE 1/4

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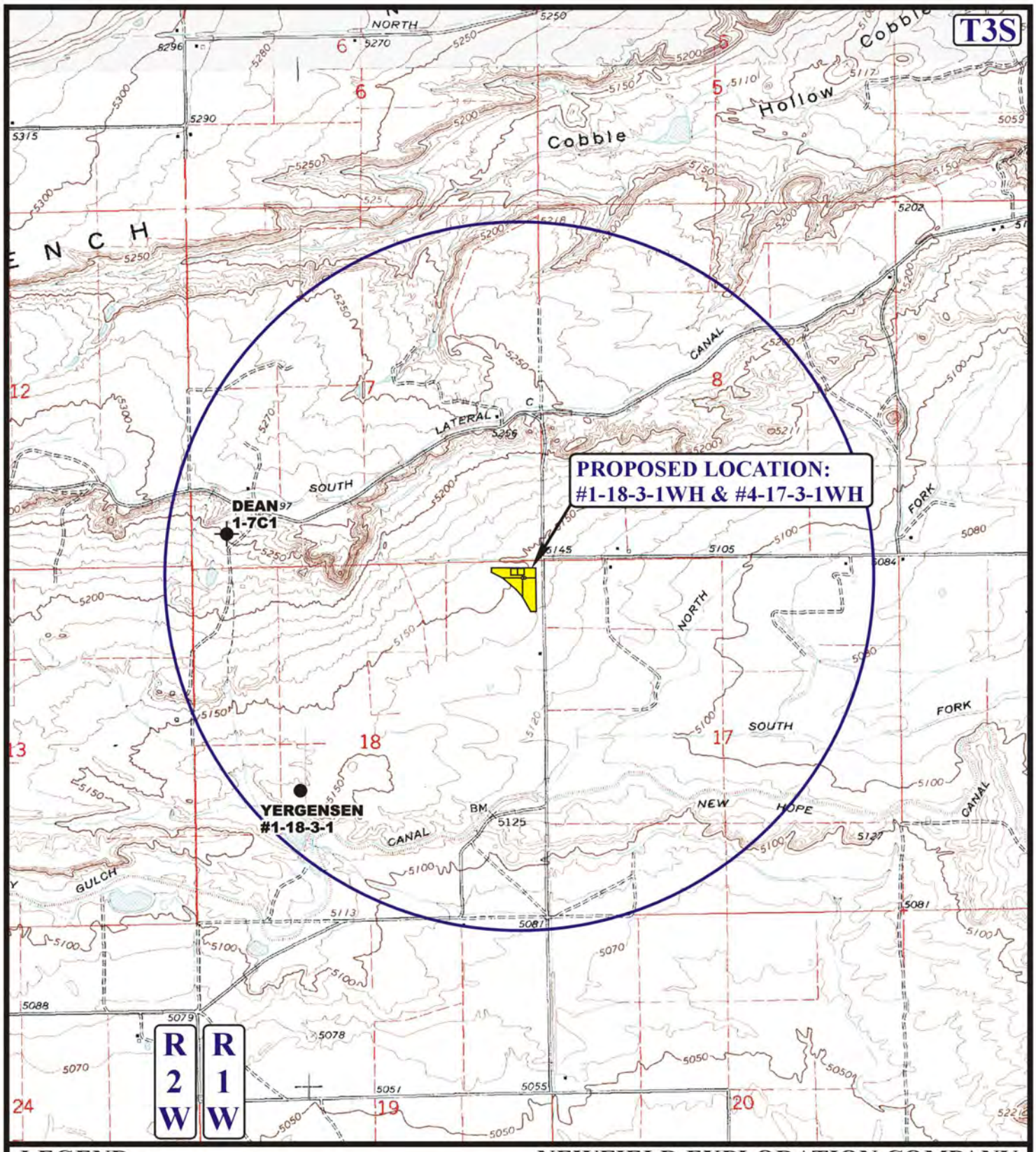
ACCESS ROAD MAP	04 MONTH	27 DAY	12 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: C.L.	REVISED: 11-21-12		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

NEWFIELD EXPLORATION COMPANY

#1-18-3-1WH & #4-17-3-1WH
SECTION 18, T3S, R1W, U.S.B.&M.
NE 1/4 NE 1/4

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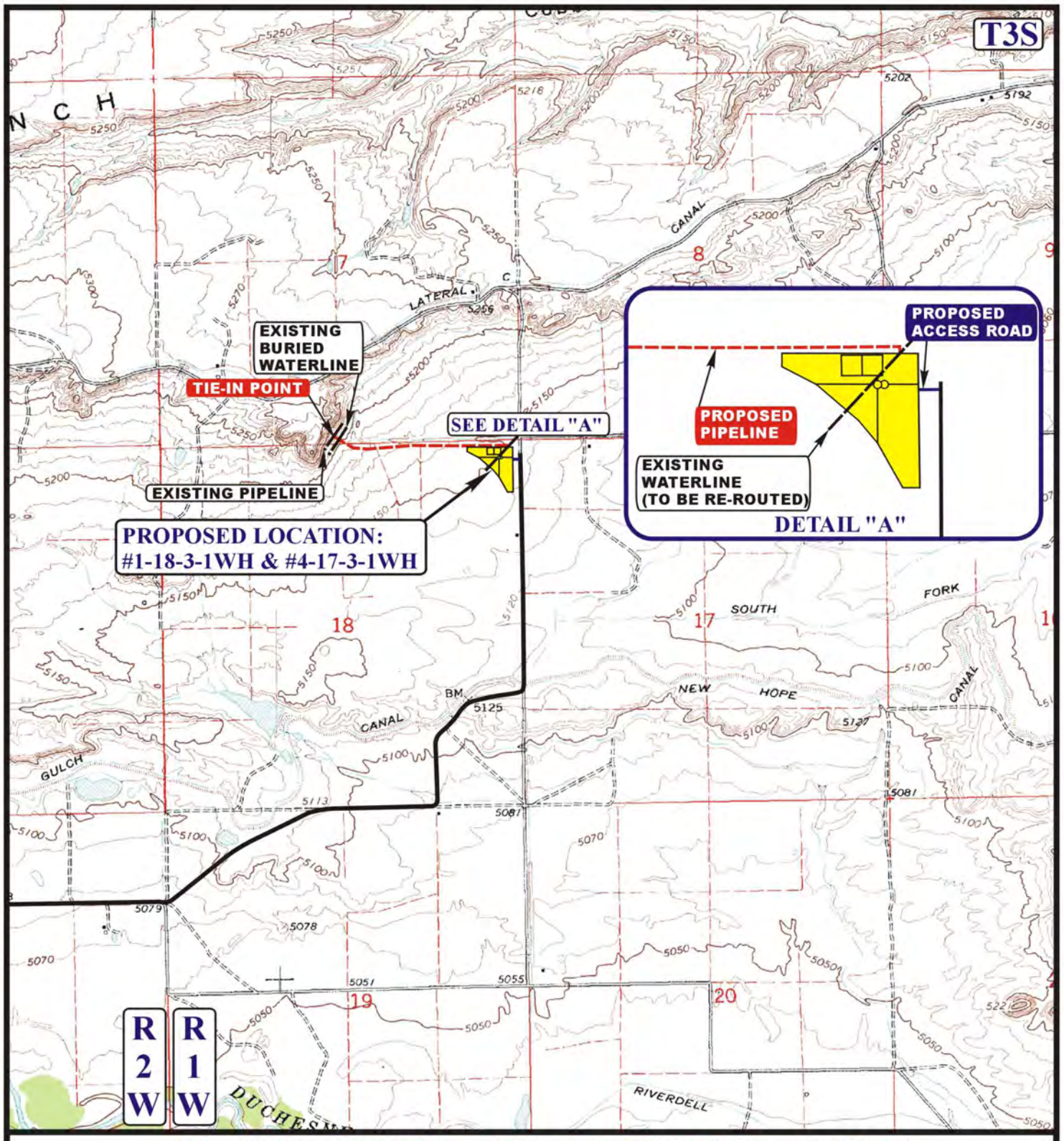
TOPOGRAPHIC MAP	04 MONTH	27 DAY	12 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: C.L.	REVISED: 11-21-12		



APPROXIMATE TOTAL PIPELINE DISTANCE = 2,569' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

NEWFIELD EXPLORATION COMPANY

#1-18-3-1WH & #4-17-3-1WH
SECTION 18, T3S, R1W, U.S.B.&M.
NE 1/4 NE 1/4

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85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	27 DAY	12 YEAR	D TOPO
SCALE: 1" = 2000'	DRAWN BY: C.L.	REVISED: 11-21-12		

AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Peter Burns personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Peter Burns. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").

2. Newfield is the Operator of the proposed State 1-18-3-1WH well with a surface location to be positioned in the NENE of Section 18, Township 3 South, Range 1 West, Duchesne County, Utah (the "Drillsite Location") and a bottom hole location to be positioned in the SESE of Section 18, Township 3 South, Range 1West, Duchesne County, Utah. The surface owner of the Drillsite Location is Karl and Donna Lamb, whose address is P.O. Box 332, Myton, UT 84052 ("Surface Owner").

3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated June 1, 2012 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

Pete Burns

ACKNOWLEDGEMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 8th day of June, 2012, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

Michelle S Gonzales
NOTARY PUBLIC

My Commission Expires: 11/8/2014

MICHELLE S GONZALES
Notary Public
State of Colorado

AFFIDAVIT OF EASEMENT AND RIGHT-OF-WAY

Peter Burns personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Peter Burns. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").

2. Newfield is the Operator of the proposed State 1-18-3-1WH well with a surface location to be positioned in the NENE of Section 18, Township 3 South, Range 1 West, Duchesne County, Utah (the "Drillsite Location"). The surface owner of a portion of the pipeline route is Matthew Charles Yergensen and Andrew Scott Yergensen, Successor Co-Trustees of the Michael Perry Yergensen Trust dated 10th day of January, 2005, whose address is P.O. Box 51, Roosevelt, UT 80202 ("Surface Owner").

3. Newfield and the Surface Owner have agreed upon an Easement and Right-of-Way dated September 15, 2011 covering part of the SESW and SWSE of Section 7, Township 3 South, Range 1 West, Duchesne County, Utah.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

ACKNOWLEDGEMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 22nd day of March, 2013, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

Candice L. Kowalski
NOTARY PUBLIC

My Commission Expires:

My Commission Expires Feb. 25, 2017

CANDICE L. KOWALSKI
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20094004982
My Commission Expires Feb. 25, 2017

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-51675

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:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
STATE 1-18-3-1WH

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013514850000

3. ADDRESS OF OPERATOR:
Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER:
435 646-4825 Ext

9. FIELD and POOL or WILDCAT:
WILDCAT

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0236 FNL 0284 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENE Section: 18 Township: 03.0S Range: 01.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 9/12/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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.

Approved by the Utah Division of Oil, Gas and Mining

Date: August 15, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE		**DATE**
N/A		8/15/2013

RECEIVED: Aug. 15, 2013

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 43013514850000

API: 43013514850000
Well Name: STATE 1-18-3-1WH
Location: 0236 FNL 0284 FEL QTR NENE SEC 18 TWNP 030S RNG 010W MER U
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 9/12/2012

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:** 8/15/2013
Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Aug. 15, 2013

RECEIVED

MAR 2 5 2013

BLM

Form 3160-3
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER	5. Lease Serial No. 1420H626232
CONFIDENTIAL	6. If Indian, Allottee or Tribe Name UINTAH AND OURAY
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone	7. If Unit or CA Agreement, Name and No.
2. Name of Operator NEWFIELD EXPLORATION COMPANY Contact: DON S HAMILTON Email: starpoint@etv.net	8. Lease Name and Well No. STATE 1-18-3-1-WH
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019
	9. API Well No. 43013 51485
	10. Field and Pool, or Exploratory UNDESIGNATED
4. Location of Well *(Report location clearly and in accordance with any State requirements.*)* At surface NENE 236FNL 284FEL 40.227983 N Lat, 110.031908 W Lon At proposed prod. zone NENE 660FSL 660FEL 40.227983 N Lat, 110.031908 W Lon	11. Sec., T., R., M., or Blk. and Survey or Area Sec 18 T3S R1W Mer UBM
14. Distance in miles and direction from nearest town or post office* 4.0 MILES NORTHEAST OF MYTON, UT	12. County or Parish DUCHESNE / 13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 236	16. No. of Acres in Lease 40.00 / 17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 30	19. Proposed Depth 13050 MD 8477 TVD / 20. BLM/BIA Bond No. on file RLB0010462
21. Elevations (Show whether DF, KB, RT, GL, etc. 5148 GL	22. Approximate date work will start 04/01/2013 / 23. Estimated duration 60 DAYS

24. Attachments

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

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

25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435-719-2018	Date 03/23/2013
Title PERMITTING AGENT		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date JUL 17 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify 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
JUL 25 2013
DIV. OF OIL, GAS & MINING

Additional Operator Remarks (see next page)

Electronic Submission #202363 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by JOHNETTA MAGEE on 03/28/2013 (13JM0915AE)

NOTICE OF APPROVAL

UDOGM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**NENE, Sec. 18, T3S, R1W**
Well No:	**STATE 1-18-3-1WH**	**Lease No:**	**14-20-H62-6232**
API No:	**43-013-51485**	**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)

- It is recommend that Newfield consult with the Utah Division of Wildlife Resources to minimize impacts to birds, particularly protected under the Migratory Bird Treaty Act and to ensure compliance with Federal and State laws protecting Migratory Birds.
- Newfield will not pump surface water from the Green River. Specifically, for Newfield's development, water collection wells will be connected to a centralized pumping station via underground waterlines. The water wells will be developed using conventional drilling methods. Each well will extend to a depth of approximately 100 feet below the surface.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Cement for the 7 inch casing will be brought to a minimum of 200 feet above the surface cading shoe.
- A CBL shall be run in the 7 inch casing to TOC.
- Variances to OO2, Section III.E shall be granted as requested regarding the air drilling program for the surface hole.
- Cement samples shall be caught for all stages of cement work for the surface and intermediate casing strings and tested for compressive strengeth.

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 by CD (compact disc). 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 (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

43013514 85

Zeke Clements <zclements@utah.gov>

State 1-18-3-1WH well and lease map of Section 18, T3S R1W, USBM

Christian C. Sizemore <csizemore@newfield.com> Fri, Aug 2, 2013 at 11:11 AM
To: "starpoint@etv.net" <starpoint@etv.net>
Cc: "zclements@utah.gov" <zclements@utah.gov>, Brad Hill <BRADHILL@utah.gov>

Zeke,

Please find attached a plat that depicts the surface hole location, first producing location and bottom hole location. Note that there are no Ute Tribal minerals in this section. The only Federally managed minerals is the Allotted 40 acre tract in the SESE. Should you have any other questions or concerns please feel free to contact me.

Christian C. Sizemore

Lead.Land
Office: 303-685-8022 Ext 4022
Mobile: 303-378-0759

NEWFIELD

From: Star Point Enterprises, Inc. [mailto:starpoint@etv.net]
Sent: Friday, August 02, 2013 10:55 AM
To: Christian C. Sizemore
Cc: zclements@utah.gov; Brad Hill
Subject: FW: State 1-18-3-1WH well and lease map of Section 18, T3S R1W, USBM

Christian;

Do you have a minute to look at this and send something to Zeke?

4301351485

Don

From: Zeke Clements [mailto:zclements@utah.gov]
Sent: Thursday, August 1, 2013 3:10 PM
To: starpoint@etv.net
Cc: Brad Hill
Subject: State 1-18-3-1WH well and lease map of Section 18, T3S R1W, USBM

Don,

I was looking over the APD of the State 1-18-3-1WH horizontal well (API No. 4301351485) and was slightly confused on the location of top of the producing zone and the bottom hole location in relation to the mineral leases.

Currently our records show the top of the producing zone at:

NE1/4 NE1/4 of Sec.18, T3S R1W, USB&M, Duchesne County (660 FNL 660 FEL)

and the bottom hole location at:

SE1/4 SE1/4 of Sec.18, T3S R1W, USB&M, Duchesne County (660 **FSL** 660 FEL)

**Could you send in a Lease map covering this area of Section 18 and confirm the above locations?

The horizontal lateral of the well appears to cross SITLA, Ute Indian, and private mineral leases and it is unclear as to the boundaries of these leases with the current APD documentation.

Thank you,

Zeke Clements

Utah Division of Oil, Gas & Mining

1594 W. North Temple, Suite 1210

PO Box 145801

Salt Lake City, UT, 84114-5801

State 1-18-3-1WH.pdf
48K

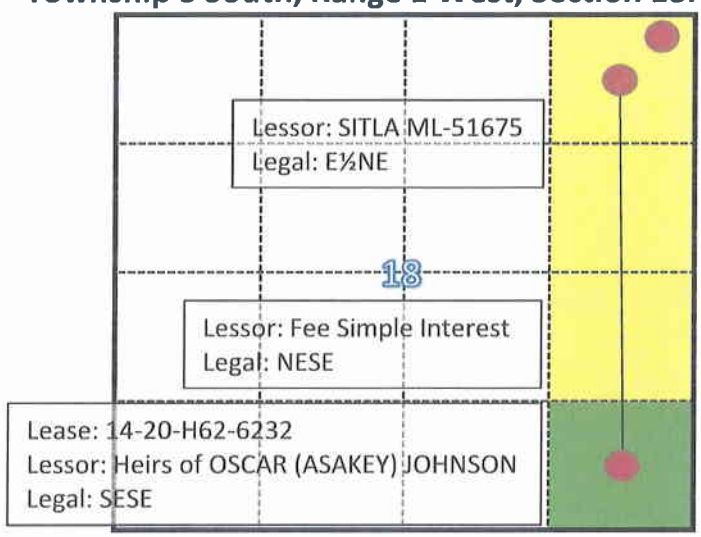
43013351485

Plat depiction including Lease Numbers

STATE 1-18-3-1WH

SHL 236' FNL & 284' FEL
Top of Producing Interval 660' FNL & 660' FEL
BHL 660' FSL & 660' FEL

Township 3 South, Range 1 West, Section 18: E½E½



RECEIVED

MAR 2 5 2013

BLM

Form 3160-3
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER	5. Lease Serial No. 1420H626232
CONFIDENTIAL	6. If Indian, Allottee or Tribe Name UINTAH AND OURAY
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone	7. If Unit or CA Agreement, Name and No.
2. Name of Operator NEWFIELD EXPLORATION COMPANY Contact: DON S HAMILTON Email: starpoint@etv.net	8. Lease Name and Well No. STATE 1-18-3-1-WH
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-719-2018 Fx: 435-719-2019
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15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 236	16. No. of Acres in Lease 40.00 / 17. Spacing Unit dedicated to this well 40.00
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 30	19. Proposed Depth 13050 MD 8477 TVD / 20. BLM/BIA Bond No. on file RLB0010462
21. Elevations (Show whether DF, KB, RT, GL, etc. 5148 GL	22. Approximate date work will start 04/01/2013 / 23. Estimated duration 60 DAYS

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

25. Signature (Electronic Submission)	Name (Printed/Typed) DON S HAMILTON Ph: 435-719-2018	Date 03/23/2013
Title PERMITTING AGENT		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date JUL 17 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
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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
JUL 25 2013
DIV. OF OIL, GAS & MINING

Additional Operator Remarks (see next page)

Electronic Submission #202363 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by JOHNETTA MAGEE on 03/28/2013 (13JM0915AE)

NOTICE OF APPROVAL

UDOGM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Newfield Production Company**	**Location:**	**NENE, Sec. 18, T3S, R1W**
Well No:	**STATE 1-18-3-1WH**	**Lease No:**	**14-20-H62-6232**
API No:	**43-013-51485**	**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)

- It is recommend that Newfield consult with the Utah Division of Wildlife Resources to minimize impacts to birds, particularly protected under the Migratory Bird Treaty Act and to ensure compliance with Federal and State laws protecting Migratory Birds.
- Newfield will not pump surface water from the Green River. Specifically, for Newfield's development, water collection wells will be connected to a centralized pumping station via underground waterlines. The water wells will be developed using conventional drilling methods. Each well will extend to a depth of approximately 100 feet below the surface.

DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

- Cement for the 7 inch casing will be brought to a minimum of 200 feet above the surface cading shoe.
- A CBL shall be run in the 7 inch casing to TOC.
- Variances to OO2, Section III.E shall be granted as requested regarding the air drilling program for the surface hole.
- Cement samples shall be caught for all stages of cement work for the surface and intermediate casing strings and tested for compressive strengeth.

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 by CD (compact disc). 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 (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

43013514 85

Zeke Clements <zclements@utah.gov>

State 1-18-3-1WH well and lease map of Section 18, T3S R1W, USBM

Christian C. Sizemore <csizemore@newfield.com> Fri, Aug 2, 2013 at 11:11 AM
To: "starpoint@etv.net" <starpoint@etv.net>
Cc: "zclements@utah.gov" <zclements@utah.gov>, Brad Hill <BRADHILL@utah.gov>

Zeke,

Please find attached a plat that depicts the surface hole location, first producing location and bottom hole location. Note that there are no Ute Tribal minerals in this section. The only Federally managed minerals is the Allotted 40 acre tract in the SESE. Should you have any other questions or concerns please feel free to contact me.

Christian C. Sizemore

Lead.Land
Office: 303-685-8022 Ext 4022
Mobile: 303-378-0759

NEWFIELD

From: Star Point Enterprises, Inc. [mailto:starpoint@etv.net]
Sent: Friday, August 02, 2013 10:55 AM
To: Christian C. Sizemore
Cc: zclements@utah.gov; Brad Hill
Subject: FW: State 1-18-3-1WH well and lease map of Section 18, T3S R1W, USBM

Christian;

Do you have a minute to look at this and send something to Zeke?

4301351485

Don

From: Zeke Clements [mailto:zclements@utah.gov]
Sent: Thursday, August 1, 2013 3:10 PM
To: starpoint@etv.net
Cc: Brad Hill
Subject: State 1-18-3-1WH well and lease map of Section 18, T3S R1W, USBM

Don,

I was looking over the APD of the State 1-18-3-1WH horizontal well (API No. 4301351485) and was slightly confused on the location of top of the producing zone and the bottom hole location in relation to the mineral leases.

Currently our records show the top of the producing zone at:

NE1/4 NE1/4 of Sec.18, T3S R1W, USB&M, Duchesne County (660 FNL 660 FEL)

and the bottom hole location at:

SE1/4 SE1/4 of Sec.18, T3S R1W, USB&M, Duchesne County (660 **FSL** 660 FEL)

**Could you send in a Lease map covering this area of Section 18 and confirm the above locations?

The horizontal lateral of the well appears to cross SITLA, Ute Indian, and private mineral leases and it is unclear as to the boundaries of these leases with the current APD documentation.

Thank you,

Zeke Clements

Utah Division of Oil, Gas & Mining

1594 W. North Temple, Suite 1210

PO Box 145801

Salt Lake City, UT, 84114-5801

State 1-18-3-1WH.pdf
48K

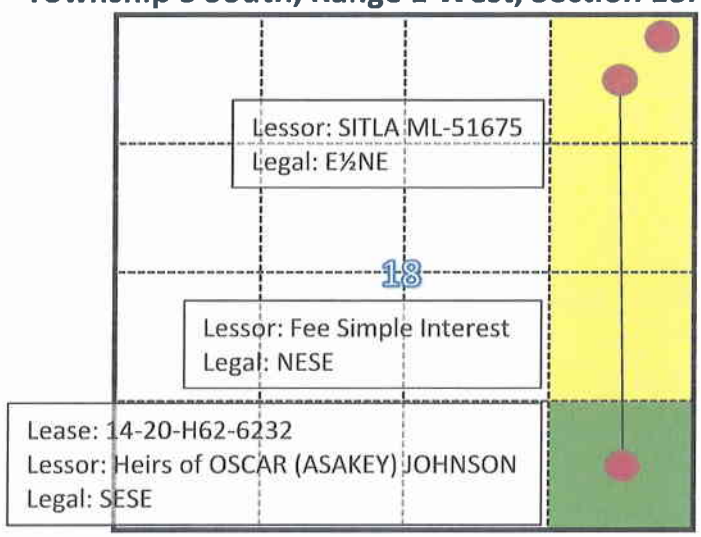
43013351485

Plat depiction including Lease Numbers

STATE 1-18-3-1WH

SHL 236' FNL & 284' FEL
Top of Producing Interval 660' FNL & 660' FEL
BHL 660' FSL & 660' FEL

Township 3 South, Range 1 West, Section 18: E½E½



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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: ML-51675

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:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
STATE 1-18-3-1WH

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
43013514850000

3. ADDRESS OF OPERATOR:
1001 17th Street, Suite 2000 , Denver, CO, 80202

PHONE NUMBER:
303 382-4443 Ext

9. FIELD and POOL or WILDCAT:
NORTH MYTON BENCH

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
0236 FNL 0284 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NENE Section: 18 Township: 03.0S Range: 01.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 9/19/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

This sundry notice is being submitted to request an extension to this APD that expires 09/12/2014.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: September 16, 2014

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Melissa Luke	303 323-9769	Regulatory Technician
SIGNATURE		**DATE**
N/A		9/15/2014

RECEIVED: Sep. 15, 2014

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 43013514850000

API: 43013514850000
Well Name: STATE 1-18-3-1WH
Location: 0236 FNL 0284 FEL QTR NENE SEC 18 TWNP 030S RNG 010W MER U
Company Permit Issued to: NEWFIELD PRODUCTION COMPANY
Date Original Permit Issued: 9/12/2012

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: Melissa Luke **Date:** 9/15/2014
Title: Regulatory Technician **Representing:** NEWFIELD PRODUCTION COMPANY

RECEIVED: Sep. 15, 2014

Form 3160-5
(August 2007)

RECEIVED
JUL 07 2015
BLM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
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 reverse side.

5. Lease Serial No.
1420H626232

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
STATE 1-18-3-1WH

2. Name of Operator
NEWFIELD EXPLORATION COMPANY
Contact: MELISSA A LUKE
E-Mail: mluke@newfield.com

9. API Well No.
43-013-51485

3a. Address
1001 17TH STREET SUITE 2000
DENVER, CO 80202

3b. Phone No. (include area code)
Ph: 303-323-9769

10. Field and Pool, or Exploratory
UNDESIGNATED

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 18 T3S R1W Mer UBM NENE 236FNL 284FEL
40.227983 N Lat, 110.031908 W Lon

11. County or Parish, and State
DUCHESNE COUNTY, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original APD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or 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.)

This sundry is being submitted to request an extension to this APD that expires 7/17/2015. The previous request submitted did not inclued the API number, this does.

APD - 7/17/13

VERNAL FIELD OFFICE
ENG. RJK 7/30/15
GEOL.
E.S.
PET.

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
AUG 19 2015
DIV. OF OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #308177 verified by the BLM Well Information System
For NEWFIELD EXPLORATION COMPANY, sent to the Vernal
Committed to AFMSS for processing by JOHNETTA MAGEE on 07/13/2015 ()

Name *(Printed/Typed)* MELISSA A LUKE — Title REGULATORY TECHNICIAN

Signature (Electronic Submission) — Date 07/07/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title Assistant Field Manager Lands & Mineral Resources — Date AUG 03 2015

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

Office VERNAL FIELD OFFICE

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

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

UDOGM

CONDITIONS OF APPROVAL

Newfield Exploration Company

Notice of Intent
APD Extension

Lease: 1420H626232
Well: State 1-18-3-1WH
Location: NENE Sec 18-T3S-R1W

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on 07/17/2017.

2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777

GARY R. HERBERT
Governor
SPENCER J. COX
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

September 17, 2015

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

Re: APD Rescinded – STATE 1-18-3-1WH, Sec. 18, T.3S, R. 1W
Duchesne County, Utah API No. 43-013-51485

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on September 12, 2012. On August 15, 2013 and September 16, 2014, the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective September 17, 2015.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING