State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez Governor

Ken McQueen Cabinet Secretary

Matthias Sayer Deputy Cabinet Secretary David R. Catanach, Division Director OI Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following <u>3160-3</u> APD form.

Operator Signature Date: <u>(a) 2016</u> Well information; Operator <u>(a) 12</u>, Well Name and Number <u>Rocks Unit</u> #500H

API#_<u>30-045-35796</u> Section <u>18</u>, Township <u>23</u> N/S, Range <u>8</u> E/W

Conditions of Approval: (See the below checked and handwritten conditions)

- X Notify Aztec OCD 24hrs prior to casing & cement.
- Hold C-104 for directional survey & "As Drilled" Plat
- Mold C-104 for NSL, NSP, DHC
- Spacing rule violation. Operator must follow up with change of status notification on other well to be shut in or abandoned
- Regarding the use of a pit, closed loop system or below grade tank, the operator must comply with the following as applicable:
 - A pit requires a complete C-144 be submitted and approved prior to the construction or use of the pit, pursuant to 19.15.17.8.A
 - A closed loop system requires notification prior to use, pursuant to 19.15.17.9.A
 - A below grade tank requires a registration be filed prior to the construction or use of the below grade tank, pursuant to 19.15.17.8.C
- Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
- Submit Gas Capture Plan form prior to spudding or initiating recompletion operations
 - Regarding Hydraulic Fracturing, review EPA Underground Injection Control Guidance 84
 - Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.

Well-bore communication is regulated under 19.15.29 NMAC. This requires well-bore Communication to be reported in accordance with 19.15.29.8. - APD Held for Unit

NMOCD Approved by Signature

0.26.17 Date

approval by all agencies

1220 South St. Francis Drive - Santa Fe, New Mexico 87505 Phone (505) 476-3441 - Fax (505) 476-3462 - www.emnrd.state.nm.us/ocd

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NW	APPLICATION FOR PER			-n		Ar and a second s	
la. T	ype of work: I DRILL	REENTER					136 3 28
11		lost-		ZVIEL	. 7	8. Lease Name and	Well No.
	ame of Operator	Other	Single Zone	Multiple	e Zone	9. API Well No.	
	WPX ENERGY LLC		M M		Jaka -	30-645	
3a. A	ddress 720 S MAIN AZTEC NM 87410		Phone No. (include area 05)333-1822	a code)		10. Field and Pool, or BASIN MANCOS	Exploratory
4. La	ocation of Well (Report location clearly and in acco		the second second second			11. Sec., T. R. M. or I	Blk. and Survey or Are
	t surface LOT 0/271 FSL/410 FEL/LAT					SEC 18 / T23N / F	R8W / NMP
	t proposed prod. Zone LOT 0 / 718 FSL / 330		07071 / LONG -107	.696803	2.11	12 County on Day	10 544
14. Dis	stance in miles and direction from nearest town or p	ost office*			5	12. County or Parish SAN JUAN	13. State NM
	stance from proposed* cation to nearest 20 feet		No. of acres in lease	1.1	•	g Unit dedicated to this	well
pro	operty or lease line, ft. Iso to nearest drig, unit line, if any)	40	U .	5	640	-)II cours
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District I 1625 N. French Drive, Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First Street, Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

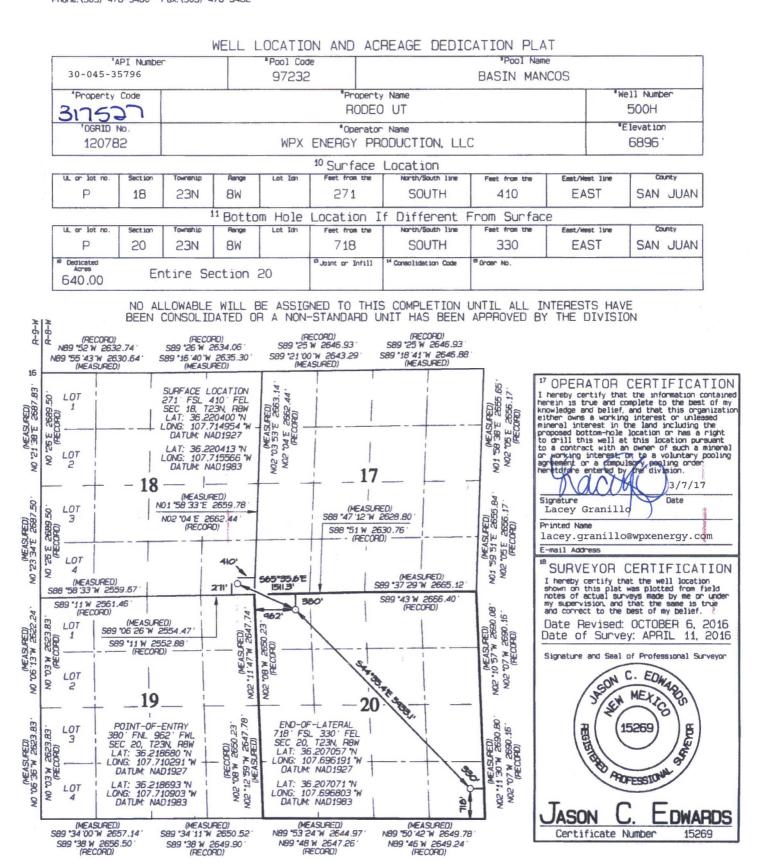
1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

District IV 1220 S. St. Francis Drive, Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 1220 South St. Francis Drive Santa Fe, NM 87505

AMENDED REPORT





WPX Energy

Operations Plan

(Note: This procedure will be adjusted onsite based upon actual conditions)

Date:	August 22, 2016	Field:	Basin Mancos
Well Name:	Rodeo UT 500H	Surface:	BLM
SH Location:	SESE Sec 18-23N-08W	Elevation:	6896' GR
BH Location:	SESE Sec 20-23N-08W	Minerals:	FED

Measured Depth: 11,517.67'

I. GEOLOGY

Surface formation - NACIMIENTO

A. FORMATION TOPS: (GR)

NAME	MD	TVD	NAME	MD	TVD
OJO ALAMO	671.00	671.00	POINT LOOKOUT	3,841.00	3,759.00
KIRTLAND	842.00	842.00	MANCOS	4,019.00	3,931.00
PICTURED CLIFFS	1,304.00	1,303.00	GALLUP	4,360.00	4,260.00
LEWIS	1,496.00	1,494.00	KICKOFF POINT	4,604.30	4,495.42
CHACRA	1,721.00	1,713.00	TOP TARGET	5,197.00	4,941.00
CLIFF HOUSE	2,862.00	2,814.00	LANDING POINT	5,583.70	5,047.00
MENEFEE	2,884.00	2,836.00	BASE TARGET	5,583.70	5,047.00
			TD	11,517.67	4,941.00

B. MUD LOGGING PROGRAM:

Mudlogger on location from surface csg to TD.

C. LOGGING PROGRAM:

LWD GR from surface casing to TD.

D. NATURAL GAUGES:

Gauge any noticeable increases in gas flow. Record all gauges in Tour book and on morning reports.

II. DRILLING

A. MUD PROGRAM:

LSND mud (WBM) will be used to drill the 12-1/4" Surface hole, the 8 ³/₄" Directional Vertical hole, and the curve portion of the wellbore. A LSND (WBM) or (OBM) will be used to drill the lateral portion of well. Treat for lost circulation as necessary. Obtain 100% returns prior to cementing. Notify Engineering of any mud losses.

B. BOP TESTING:

While drill pipe is in use, the pipe rams and the blind rams will be function tested once each trip. The BOPE will be tested to 2,000 psi (High) for 10 minutes and the annular tested to 1,500 psi for 10 minutes. Pressure test surface casing to 1,500 psi for 30 minutes and intermediate casing to 1,500 psi for 30 minutes. Utilize a BOPE Testing Unit with a recording chart and appropriate test plug for testing. All tests and inspections will be recorded in the tour book as to time and results.

III. MATERIALS

A. CASING PROGRAM:

CASING TYPE OH SIZE (IN)		DEPTH (MD)	CSG SIZE	WEIGHT	GRADE	CONN	
SURFACE	12.25"	320.00'	9.625"	36 LBS	J-55 or equiv	STC	
INTERMEDIATE	8.75"	5,583.70'	7"	23 LBS	J-55 or equiv	LTC	
PRODUCTION	6.125"	5433.7' - 11,517.67'	4.5"	11.6 LBS	P-110 or equiv	LTC	
TIE BACK	6.125"	Surf 5433.7'	4.5"	11.6 LBS	P-110 or equiv	LTC	

B. FLOAT EQUIPMENT:

1. SURFACE CASING:

9-5/8" notched regular pattern guide shoe. Run (1) standard centralizer on each of the bottom (4) joints of Surface Casing.

2. INTERMEDIATE CASING:

7" cement nose guide shoe with a self-fill insert float. Place float collar one joint above the shoe. Install (1) centralizer on each of the bottom (3) joints and one standard centralizer every (3) joints to 2,500 ft. Run (1) centralizer at 2,500 ft., 2,300ft., 2,000ft., 1,500 ft., and 1,000 ft. If losses are encountered during the drilling of the intermediate section a DV tool will be utalized and a 2 stage cement job may be planned to ensure cement circ back to surface. The DV tool will be placed 100' above the top of the Chacra formation. If cement is circulated back to surface on the first stage, a cancelation device will be dropped to shift the dv tool closed and the 2nd stage cement job will be aborted at that time, if no cement is seen at surface on the 1st stage the stage tool will be opend and a 2nd stage cement job will be pumped.

3. PRODUCTION LINER:

Run 4-1/2'' Liner with cement nose guide Float Shoe + 2jts. of 4-1/2'' casing + Landing Collar + 4-1/2'' pup joint + 1 RSI (Sliding Sleeve) positioned inside the 330ft Hard line. Centralizer program will be determined by Wellbore condition and when Lateral is evaluated by Geoscientists and Reservoir Engineers. Set seals on Liner Hanger. Test TOL to 1500 psi for 15 minutes.

(Note: Volumes may be adjusted onsite due to actual conditions)

1. Surface:

C. CEMENT:

5 bbl Fresh Water Spacer, 100 sx (160 cu.ft.) of 14.5 ppg Type I-II (Neat G) + 20% Fly Ash cement w/ 7.41 gal/sack mix water ratio @ 1.61 cu ft/sx yield. Calculated @ volume + 50% excess. WOC 12 hours. Test csg to 600psi. Total Volume: (160 cuft/100 sx/ Bbls).TOC at Surface.

2. Intermediate:

Spacer #1: 20 bbl (112 cuft) Chemwash. Lead Cement: 106 bbls, 301 sks, (593 cuft), 12.3 ppg @ 1.97 cuft/sk yield. Tail Cement: 59 bbls, 254 sks, (331 cuft), 13.5 ppg @ 1.3 cuft/sk yield. Displacement: Displace w/ +/- 220 bbl Drilling mud or water. Total Cement: 164 bbls, 555 sks, (923 cuft) 301 sks, (593 cuft) 301 sks, (593 cuft) 301 sks, (593 cuft), 13.5 ppg @ 301 sks, (593 cuft) 300 sks, (593 cuft) $300 \text{ s$ 3. Prod Liner:

Spacer #1:10 bbl (56.cu-ft) Water Spacer. Spacer #2: 40 bbl 9.5 ppg (224.6 cu-ft) Tuned Spacer III. Spacer #3: 10 bbl Water Spacer. Lead Cement: Extencem ™ System. Yield 1.36 cuft/sk 13.3 ppg (596 sx /810 cuft /144 bbls). Tail Spacer: 20 BBL of MMCR. Displacement: Displace w/ +/-151bbl Fr Water. Total Cement (596 sx /810bbls).

596 × 1.36 = 810 FT 3

D. COMPLETION:

Run CCL for perforating

A. PRESSURE TEST:

1. Pressure test 4-1/2" casing to 4500 psi max, hold at 1500 psi for 30 minutes. Increase pressure to Open RSI sleeves.

B. STIMULATION:

1. Stimulate with approximately 2,805,000# 20/40 mesh sand and 340,000# 16/30 mesh sand in 619,113 gallons water with 42,696 mscf N2 for 17 stages.

2. Isolate stages with flow through frac plug.

3. Drill out frac plugs and flowback lateral.

C. RUNNING TUBING:

1. <u>Production Tubing:</u> Run 2-7/8", 6.5#, J-55, EUE tubing with a SN on top of bottom joint. Land tubing near Top of Liner.

If this horizontal well is drilled past the applicable setbacks, an unorthodox location application is not required because the completed interval in this well, as defined by 19.15.16.7 B(1) NMAC,will be entirely within the applicable setbacks. This approach complies with all applicable rules, including 19.15.16.14 A(3) NMAC, 19.15.16.14 B(2) NMAC, 19.15.16.15 B(2)NMAC, and 19.15.16.15. B(4) NMAC.

NOTES:

A 4-1/2" 11.6# P-110 Liner will be run to TD and landed +/- 150 ft. into the 7" 23# J-55 Intermediate casing with a Liner Hanger and pack-off assembly then cemented to top of liner hanger.

After cementing and TOL clean up operations are complete, the TOL will be tested to 1500 psi (per BLM).

WPX Energy

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T23N R8W 2308-18P Rodeo Rodeo UT #500H

Wellbore #1

Plan: Design #1 26July16 sam

Standard Planning Report

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28 July, 2016

WPX

Planning Report

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Database: Company: Project: Site: Well: Wellbore: Design:	T23N 2308- Rode Wellb	Energy	sam		TVD Refe MD Refer North Ref	ence:		Well Rodeo UT i GL @ 6896.00u GL @ 6896.00u True Minimum Curval	sft (Original V sft (Original V	
Project	T23N	R8W								
Map System: Geo Datum: Map Zone:	NAD 19	e Plane 1927 (27 (NADCON exico West 300			System Da	itum:	M	ean Sea Level		
Site	2308-1	18P Rodeo				ander verste verste state som som		ar para ang ang ang ang ang	non realization of the	
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Well	Rodeo	UT #500H			999, 1999, 1999, 1899, 1899, 1899, 1899, 1899, 1899, 1899, 1899, 1899, 1899, 1899, 1899, 1899, 1899, 1899, 189					
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Measured Depth Inc (usft)	lination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Tum Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,761.92	15.24	99.70	1,752.97	-16.97	99.28	2.00	2.00	0.00	99.70	
4,604.30	15.24	99.70	4,495.42	-142.81	835.69	0.00	0.00	0.00	0.00	
5,139.00	60.00	135.28	4,911.81	-330.32	1,082.55	9.00	8.37	6.65		Start 60 Tan #500H
5,239.00	60.00	135.28	4,961.81	-391.86	1,143.49	0.00	0.00	0.00		End 60 Tan #500H
5,407.78	75.19	135.18	,	-502.30	1,253.07	9.00	9.00	-0.06	-0.39	
5,583.70	91.02	135.48		-626.11	1,375.46	9.00	9.00	0.17		POE #500H
11 517 67	91.02	135.48		-4 856 40	5 535 43	0.00	0.00	0.00		RHI #500H

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COMPASS 5000.1 Build 78

0.00 BHL #500H

Database: Company: Project: Site: Nell: Nellbore: Design:	COMPASS WPX Energy T23N R8W 2308-18P Roo Rodeo UT #50 Wellbore #1 Design #1 26.	рон		TVD Re MD Re North I	Co-ordinate Re eference: ference: Reference: / Calculation M		Well Rodeo UT #500H GL @ 6896.00usft (Original Well Elev) GL @ 6896.00usft (Original Well Elev) True Minimum Curvature			
Planned Survey				i and a second descent of the second seco						
Measured Depth (usft)	Inclination Azimuth				+EJ-W (usft)	Vertical Section (usft)	Dogleg Rate (*/100usft)	Build Rate (*/100usft)	Turn Rate (*/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
320.00	0.00	0.00	320.00	0.00	0.00	0.00	0.00	0.00	0.00	
9 5/8"										
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00 Start Build 2	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,500.00	10.00	99.70	1,497,47	-7.33	42.90	37.08	2.00	2.00	0.00	
1,761.92	15.24	99.70	1,752.97	-16.97	99.28	85.82	2.00	2.00	0.00	
Hold 15.24 In 2,000.00	15.24	99.70	1,982.68	-27.51	160.97	139.14	0.00	0.00	0.00	
2,500.00	15.24	99.70	2,465.10	-49.65	290.51	251.12	0.00	0.00	0.00	
3,000.00	15.24	99.70	2,947.52	-71.78	420.05	363.09	0.00	0.00	0.00	
3,500.00	15.24	99.70	3,429.94	-93.92	549.59	475.07	0.00	0.00	0.00	
4,000.00	15.24	99.70	3,912.36	-116.06	679.13	587.04	0.00	0.00	0.00	
4,500.00	15.24	99.70	4,394.78	-138.19	808.66	699.02	0.00	0.00	0.00	
4,604.30	15.24	99.70	4,495.42	-142.81	835.69	722.38	0.00	0.00	0.00	
Start Build D	LS 9.00 TFO 42	.59								
5,000.00	47.80	131.84	4,830.05	-252.90	1,001.52	919.64	9.00	8.23	8.12	
5,139.00	60.00	135.28	4,911.81	-330.32	1,082.55	1,031.61	9.00	8.78	2.48	
Hold 60.00 In	nclination									
5,239.00	60.00	135.28	4,961.81	-391.86	1,143.49	1,118.00	0.00	0.00	0.00	
Start Build D	LS 9.00 TFO -0.	.39								
5,407.78	75.19	135.18	5,025.95	-502.30	1,253.07	1,273.21	9.00	9.00	-0.06	
Start DLS 9.										
5,484.00	82.05	135.31	5,040.98	-555.33	1,305.65	1,347.70	9.00	9.00	0.18	
7"										
5,500.00	83.49	135.34	5,043.00	-566.62	1,316.81	1,363.54	9.00	9.00	0.17	
5,583.70	91.02	135.48	5,047.00	-626.11	1,375.46	1,446.86	9.00	9.00	0.17	
POE at 91.02		the second second								
6,000.00	91.02	135.48	5,039.56	-922.89	1,667.30	1,861.97	0.00	0.00	0.00	
6,500.00	91.02	135.48	5,030.63	-1,279.34	2,017.83	2,360.53	0.00	0.00	0.00	
7,000.00 7,500.00	91.02 91.02	135.48 135.48	5,021.70 5,012.77	-1,635.78 -1,992.23	2,368.35 2,718.87	2,859.10 3,357.66	0.00	0.00	0.00	
8,000.00	91.02	135.48	5,003.84	-2,348.68	3,069.39	3,856.23	0.00	0.00	0.00	
8,500.00 9,000.00	91.02 91.02	135.48 135.48	4,994.91 4,985.97	-2,705.12 -3,061.57	3,419.91 3,770.44	4,354.80 4,853.36	0.00	0.00	0.00	
9,500.00	91.02	135.48	4,977.04	-3,418.02	4,120.96	5,351.93	0.00	0.00	0.00	
10,000.00	91.02	135.48	4,968.11	-3,774.46	4,471.48	5,850.49	0.00	0.00	0.00	
10,500.00	91.02	135.48	4,959.18	-4,130.91	4,822.00	6,349.06	0.00	0.00	0.00	
11,000.00	91.02	135.48	4,950.25	-4,487.36	5,172.53	6,847.62	0.00	0.00	0.00	
11,500.00	91.02	135.48	4,941.32	-4,843.81	5,523.05	7,346.19	0.00	0.00	0.00	
11,517.67	91.02	135.48	4,941.00	-4,856.40	5,535.43	7,363.81	0.00	0.00	0.00	
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WPX

Planning Report

Database: COMPASS Company: WPX Energy Project: T23N R8W Site: 2308-18P Rode Well: Rodec UT #500 Wellbore: Wellbore #1 Design: Design #1 26Ju		00H			TVD Refere MD Referen North Refer	1001	Well Rodeo UT #500H GL @ 6896.00usft (Original Well Elev) GL @ 6896.00usft (Original Well Elev) True Minimum Curvature		
Design Targets Target Name - hit/miss target - Shape	Dip Angle Dip Dir. (*) (bearing		TVD +N/-S (usft) (usft)		+E/-W Northing (usft) (usft)		Easting (usft)	Longitude	
Start 60 Tan #500H - plan hits target ce - Point	0.00 nter	0.00	4,911.81	-330.32	1,082.55	1,899,159.44	536,001.21	36.219493	-107.711284
BHL #500H - plan hits target ce - Point	0.00 nter	0.00	4,941.00	-4,856.40	5,535.43	1,894,638.80	540,459.62	36.207057	-107.69619
End 60 Tan #500H	0.00	0.00	4,961.81	-391.04	1,144.30	1,899,098.80	536,063.04	36.219326	-107.71107

 End 60 Tan #500H
 0.00
 0.00
 4,961.81
 -391.04
 1,144.30
 1,899,098.80

 - plan misses target center by 1.15usft at 5238.99usft MD (4961.81 TVD, -391.85 N, 1143.48 E)
 Point

 POE #500H
 0.00
 0.00
 5,047.00
 -626.11
 1,375.46
 1,898,864.01

plan hits target center
 Point

Casing Points	Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (in)	Hole Diamster (in)
	320.00 5,484.00	320.00 9 5 5,040.98 7"		9.625 7.000	12.250 8.750

536,294.48

36.218680

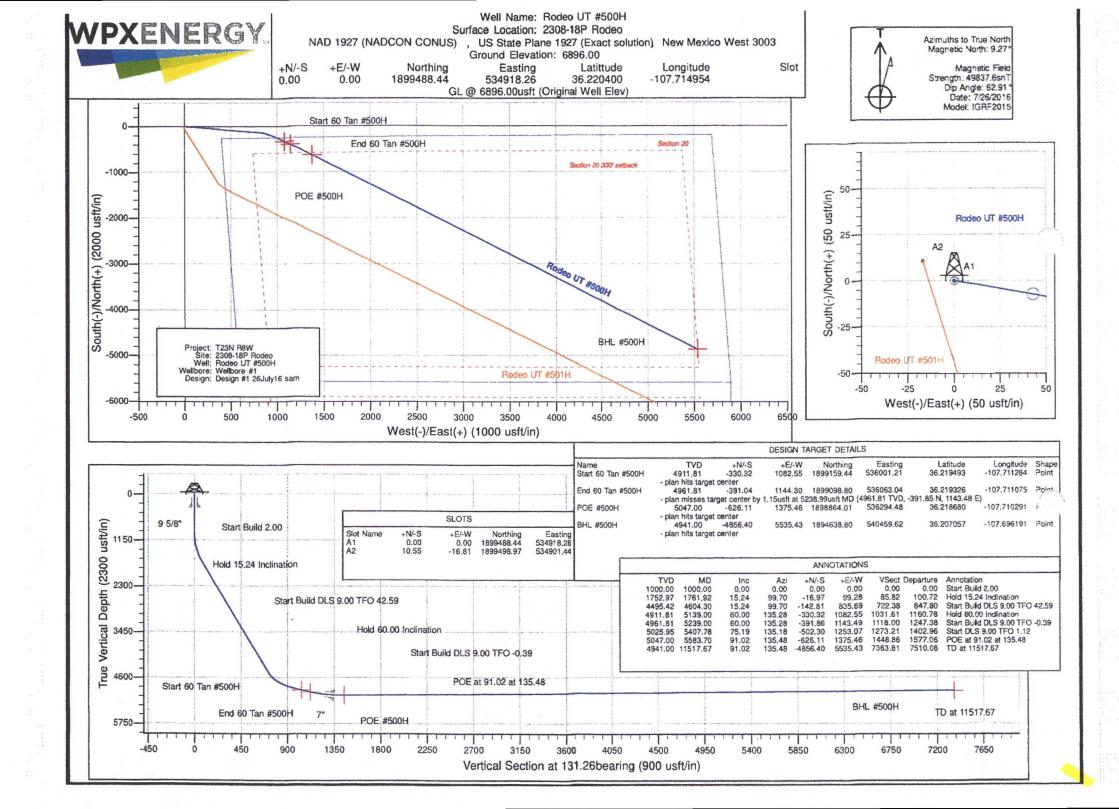
-107.710291

Measured	Vertical	Local Coor	dinates			
Depth (usft)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment		
1,000.00	1,000.00	0.00	0.00	Start Build 2.00		14 kg - g
1,761.9	1,752.97	-16.97	99.28	Hold 15.24 Inclination		
4,604.30	4,495.42	-142.81	835.69	Start Build DLS 9.00 TFO 42.59		
5,139.00	4,911.81	-330.32	1,082.55	Hold 60.00 Inclination		
5,239.00	4,961.81	-391.86	1,143.49	Start Build DLS 9.00 TFO -0.39		
5,407.78	5,025.95	-502.30	1,253.07	Start DLS 9.00 TFO 1.12		
5,583.70	5,047.00	-626.11	1,375,46	POE at 91.02 at 135.48		
11,517,67		-4,856,40	5,535,43	TD at 11517.67		

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COMPASS 5000.1 Build 78



subsoils from the Fruitland-Persayo-Sheppard complex, hilly soil map unit. A brief description of this soil can be found below.

The Fruitland-Persayo-Sheppard complex, hilly is composed of 40 percent Fruitland and similar soils, 30 percent Persayo and similar soils, and 25 percent Sheppard and similar soils. Fruitland-Persayo-Sheppard complex, hilly soils are found on alluvial fans, stream terraces, hills, ridges, breaks, and dunes ranging from 4,000 feet to 6,400 feet in elevation. Fruitland soils occur on slopes of 5 to 30 percent, are well drained, and have a high water permeability. Persayo soils occur on slopes of 5 to 30 percent, are well drained, and have low to moderately high water permeability. Sheppard soils occur on slopes of 5 to 30 percent, are excessively drained, and have high to very high water permeability. This soil complex has a low to moderate potential for water erosion and moderate to high potential for wind erosion. The Fruitland-Persayo-Sheppard complex (hilly) is generally found within sandy, shale hills, and deep sand ecological sites (USDA/NRCS 2015).

C. Badland

Within the project area, this soil map unit is distinctly recognized by the presence of contrasting black to light grey shades of clay soils with little to no vegetation cover. Excavated soils during construction of one segment of well-connect pipeline would consist of native borrow and subsoils from the badland soil map unit. A brief description of this soil can be found below.

The parent material of the Badland map unit primarily consists of shale. This soil is considered a somewhat excessively drained soil, with the depth to restrictive layer (paralithic bedrock) being zero to two inches. Available water capacity for the Badland soil unit is very low (zero inches). This soil type has a low to moderate potential for water erosion and moderate potential for wind erosion. Badland soils are typically found along the side slopes of break landforms (5- to 80-percent slopes), and are commonly used for wildlife habitat (USDA/NRCS 2015). (USDA/NRCS 2015).

7. METHODS FOR HANDLING WASTE

. Cuttings

- Drilling operations would utilize a closed-loop system. Drilling of the horizontal laterals would be accomplished with water-based mud. All cuttings would be placed in roll-off bins and hauled to a commercial disposal facility or land farm. WPX would follow Onshore Oil and Gas Order No. 1 regarding the placement, operation, and removal of closed-loop systems. No blow pit would be used.
- 2 Closed-loop tanks would be adequately sized for containment of all fluids.
- B. Drilling Fluids
 - 1 Drilling fluids would be stored onsite in above-ground storage tanks. Upon termination of drilling operations, the drilling fluids would be recycled and transferred to other permitted closed-loop systems or returned to the vendor for reuse, as practical. All residual fluids would be hauled to a commercial disposal facility.

C. Spills

- 1 Any spills of non-freshwater fluids would be immediately cleaned up and removed to an approved disposal site.
- D. Sewage
 - 1 Portable toilets would be provided and maintained as needed during construction (see Figures 3 and 4 in Appendix B for the location of toilets per project phase).

Rodon UT HUH FCT r August 1918

Directions from the Intersection of US Hwy 550 & US Hwy 64

in Bloomfield, NM to WPX Energy Production, LLC Rodeo UT #500H

271' FSL & 410' FEL, Section 18, T23N, R8W, N.M.P.M., San Juan County, NM

Latitude: 36.220413°N Longitude: 107.715566°W Datum: NAD1983

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Southerly on US Hwy 550 for 37.8 miles to Mile Marker 113.4;

Go Right (South-westerly) on County Road #7890 for 0.7 miles to begin proposed access on lefthand side of County Road #7890 which continues for an additional 6555.1' to staked WPX Rodeo UT #500H location.

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