State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez Governor

David Martin Cabinet Secretary

David R. Catanach Division Director Oil Conservation Division



Brett F. Woods, Ph.D. Deputy Cabinet Secretary

NMOCD Approved by Signature

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 3160-3 APD form.
Operator Signature Date: 9-28-15 Well information; Operator \(\subseteq \mathbb{L} \rightarrow \text{X} \), Well Name and Number \(\subseteq \mathbb{L} \), \(\text{A \lambda mito \(\lambda n \), \(\frac{1}{2} \)
API# 30.045-35717, Section 12, Township 22 N/S, Range 08 EW
Conditions of Approval: (See the below checked and handwritten conditions) Notify Aztec OCD 24hrs prior to casing & cement.
Hold C-104 for directional survey & "As Drilled" Plat
Hold 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
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.

1220 South St. Francis Drive • Santa Fe, New Mexico 87505 Phone (505) 476-3460 • Fax (505) 476-3462 • www.emnrd.state.nm.us/ocd

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 20

Form 3160-3 (September 2001) UNITED STATE DEPARTMENT OF THE I BUREAU OF LAND MANA APPLICATION FOR PERMIT TO D	NTERIOR FEB 0 2		FORM APPROOMB No. 1004 Expires January 3 5. Lease Serial No. NOG 1419-1984 6. If Indian, Allouer or Transcription	5EP 2004
la. Type of Work:		tiple Zone	7. If Unit or CA Agreement W. Alamito Unit 8. Lease Name and Well No W Alamito UT #464H	NM 133613X
Name of Operator WPX Energy Production, LLC			9. API Well No. 30-045-3	357/7
3a. Address	3b. Phone No. (include area code)		10. Field and Pool, or Explo-	ratory
P.O. Box 640 Aztec, NM 87410	(505) 333-1849		Alamito Mancos W	
 Location of Well (Report location clearly and in accordance with an At surface 2,091' FNL & 1,046' FEL, sec 12, T22N, R8W At proposed prod. zone 330' FSL & 550' FEL, sec 13, T22N, R8 			11. Sec., T., R., M., or Blk. s SHL: Sec 12, T22N, R8 BHL: Sec 13, T22N, R8	w
14. Distance in miles and direction from nearest town or post office*	1 - V - 2 (8)		12. County or Parish	13. State
approximately 7 miles southwest of Lybrook, New Mexico			San Juan County	NM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 550'	16. No. of Acres in lease	240.00 acre	y Unit dedicated to this well s (E/2 SE/4 Section 12, T22) action 13, T22N, R8W)	N, R8W
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 40'	19. Proposed Depth 13,017' MD / 4,607' TVD		IA Bond No. on file	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will	start*	23. Estimated duration	
6,803' GR	October 30, 2015		1 month	

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	Name (Printed/Typed) Andrea Felix	Date 09/28/2015
Title	Andrea Penx	
Regulatory Specialist Sr.		
Approved by (Signature)	Name (Printed/Typed)	Date 1/29/16
Title AF	Office FFO	
Application approval does not warrant or certify that the a	pplicant holds legal or equitable title to those rights in the subject le	ase which would entitle the applicant to conduct

operations thereon. Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

WPX Energy Production, LLC, proposes to develop the Gallup formation at the above described location in accordance with the attached drilling and surface use plans.

The well pad surface is under jurisdiction of the BLM and is on lease and will be twinned with the W Alamito #465H.

This location has been archaeologically surveyed by La Plata Archeological Consultants. Copies of their report have been submitted directly to the BLM.

A new 7,715.7 foot on lease access road will be built to access the location.

A new 8,009.0 foot on lease pipeline will be built.

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS



This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 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 Phone: (505) 334-6178 District IV 1220 S. St. Francis Drive, Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

Energy, Minerals & Natural Resources Department

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

Revised August 1, 2011

Submit one copy to Appropriate District Office

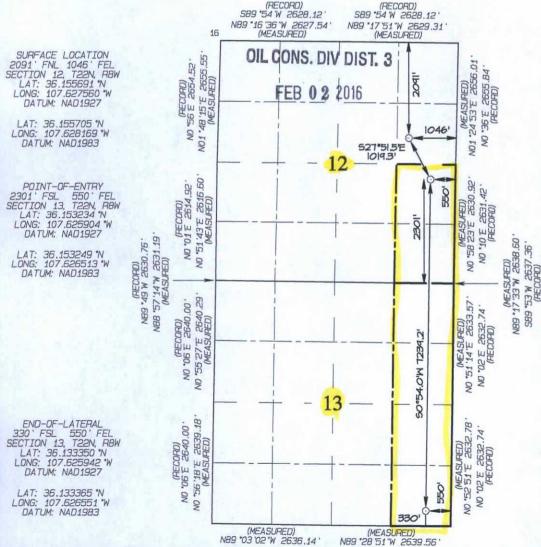
AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number	Pool Code	*Pool Name	17.6
30.045-35717	981/03	ALAMITO MANC	OS W
Property Code	Prope	rty Name	*Well Number
3151782	W ALAM	ITO UNIT	464H
'OGRID No.	*Opera	tor Name	*Elevation
120782	WPX ENERGY F	PRODUCTION, LLC	6803'

¹⁰ Surface Location Feet from the North/South line County UL or lot no. Section Township Range Lot Idn Feet from the Fast/West line 2091 NORTH EAST H 12 25N 8W 1046 SAN JUAN 11 Different From Surface Bottom Hole Location If UL or lot no. Lot Ido North/South line Feet from the County Township Section Feet from the East/West line P 13 22N BW 330 SOUTH 550 EAST SAN JUAN 12 Dedicated ¹³ Joint or Infill ⁴ Consolidation Code Order No. E/2 SE/4 Section 12 R-14002 / 1,922.40 Acres E/2 E/2 Section 240.00

> NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION
I hereby certify that the information contained
herein is true and complete to the best of my
knowledge and belief, and that this organization
either owns a working interest or unleased
mineral interest in the land including the
proposed bottom-hole location or has a right
to drill this well at this location pursuant
to a contract with an owner of such a mineral
or working interest, or to a voluntary pooling
agreement or a compulsory pooling order
herstofore entered by the division.

9/28/2015 9/28/2015 Mature Date Andrea Felix Printed Name andrea.felix@wpxenergy.com E-mail Address SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date Revised: SEPTEMBER 23, 2015 2015 Date of Survey: JUNE 16. Signature and Seal of Professional Surveyor C. EDWARDS JASON MEXICO NEW. AROFESSIONAL PROPESSIONAL SAMEYOR ASON DWARDS

Certificate Number

15269

OPERATOR

CERTIFICATION



WPX Energy

Operations Plan

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

DATE: September 17, 2015

FIELD: Al:

Alamito Mancos

WELL NAME:

W Alamito UT #464H

SURFACE:

Federal

SH Location:

SENE Sec 12-22N-08W

ELEVATION:

6803' GR

BH Location:

SESE Sec 13-22N-08W

MINERALS:

Indian Allotted

MEASURED DEPTH: 13,017.23

I. GEOLOGY:

SURFACE FORMATION - NACIMIENTO

A. FORMATION TOPS (KB)

NAME	MD	TVD	NAME	MD	TVD
OJO ALAMO	518	518	POINT LOOKOUT	3522	3477
KIRTLAND	685		MANCOS	3716	
PICTURED CLIFFS	1087	1083	GALLUP	4027	3974
LEWIS	1187	1181	KICKOFF POINT	4,069.70	4,010.72
CHACRA	1488	1477	TOP TARGET	5066	4735
CLIFF HOUSE	2590	2561	LANDING POINT	4897	4753
MENEFEE	2647	2617	BASE TARGET	4897	4753
	T-LITT		TD	13,017.23	4,607.11

- 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. <u>BOP TESTING:</u> While drill pipe is in use, the pipe rams and the blind rams will be function tested once each trip. The anticipated reservoir is expected to be less than 1300 psi, so the BOPE will be tested to 250 psi (Low) for 5 minutes and 1500 psi (High) for 10 minutes. Pressure test surface casing to 600 psi for 30 minutes and intermediate casing to 1500 psi for 30 minutes. Utilize a BOPE Testing Unit with a recording chart and appropriate test plug for testing. The drum brakes will be inspected and tested each tour. 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
SURFACE	12.25"	365'	9.625"	36 LBS	J-55
INTERMEDIATE	8.75"	5,217.94	7"	26 LBS	J-55
PRODUCTION	6.125"	13,023.10	4.5"	11.6 LBS	P-110
TIE BACK	6.125		4.5"	11.6 LBS	P-110

B. FLOAT EQUIPMENT:

- 1. <u>SURFACE CASING:</u> 9-5/8" notched regular pattern guide shoe. Run (1) standard centralizer on each of the bottom (4) joints of Surface Casing.
- 2. <u>INTERMEDIATE CASING:</u> 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 2,700 ft., 2,500 ft., 2,300ft., 2,000ft., 1,500 ft., and 1,000 ft.
- 3. <u>PRODUCTION LINER:</u> 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.

C. CEMENTING:

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

- 1. Surface 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 cu-ft/100 sx/Bbls). TOC at Surface.
- 2.Intermediate

 20 bbl (112 cu-ft) Mud Flush III spacer + Lead: +/- 700 sx Foamed 50/50 Poz Cement.

 13.1 ppg + 0.1% Halad 766 + 0.2% Versaset + 1.5% Chem-Foamer 760 (Yield: 1.43 cu-ft/sk. / Vol: 1001 cu-ft / 178.3 Bbls.) + TAIL: 100 sx 13.5 #/gal. + 0.2% Versaset + 0.15% HALAD-766 (Yield: 1.28 cu-ft / sk / Vol: 128 cu-ft / 22.8 Bbls.). + Fresh Water Displacement (1,362 cu-ft / +/- 242 Bbls) + 100 sx Top-Out Cement Premium: Yield: (1.17 cu-ft/sk / (Vol: 117 cu-ft / 20.8 Bbls). WOC 12 hrs. Test Casing to 1500 PSI for 30 minutes. Total Cement Volume: (900 sx / 1246 cu-ft / 222 bbls). Mix with +/- 84,000 SCF Nitrogen. TOC at surface.
- 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 (745 sx /1014 cuft /181 bbls). Tail Spacer: 20 BBL of MMCR. Displacement: Displace w/ +/- 140 bbl Fr Water. Total Cement (745 sx /1014bbls).

I. COMPLETION

A. CBL

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.
- Although this horizontal well will be 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.

NOTE:

Proposed Operations:

A 4-1/2" 11.6# N-80 Liner will be run to TD and landed +/- 150 ft. into the 7" 23# K-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).

No Tie back string will be ran in this well. All stimulation will be performed down the 7" casing.

WPX Energy

T22N R8W
W Alamito UT 12 H
W Alamito UT #464H - Slot A1

Wellbore #1

Plan: Design #1 1Sept15 sam

Standard Planning Report

01 September, 2015

WPX

Planning Report

Database: San Juan WPX Energy Company: T22N R8W Project: Site: W Alamito UT 12 H W Alamito UT #464H Well: Wellbore: Wellbore #1

Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method:

Well W Alamito UT #464H (A1) - Slot A1 KB @ 6817.00usft (Aztec 920) KB @ 6817.00usft (Aztec 920)

True

Minimum Curvature

Project **T22N R8W**

Map System:

Design:

US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

System Datum:

Mean Sea Level

Geo Datum:

Map Zone:

Site

New Mexico West 3003

W Alamito UT 12 H

Design #1 1Sept15 sam

Site Position:

Lat/Long From:

Northing: Easting:

1,875,976.76 usft 560,746.79 usft

Latitude: Longitude:

36,1556910 -107.6275600 0.12°

Position Uncertainty:

Position Uncertainty

0.00 usft Slot Radius: 13.20 in **Grid Convergence:**

Well W Alamito UT #464H - Slot A1

Well Position

+N/-S +E/-W 0.00 usft 0.00 usft 0.00 usft

Northing: Easting:

1,875,976.76 usft 560,746.79 usft Wellhead Elevation: 0.00 usft

Latitude: Longitude: **Ground Level:**

36,1556910 -107.6275600 6,803.00 usft

Wellbore Wellbore #1 Magnetics **Model Name** Sample Date Declination Dip Angle Field Strength (°) (nT) (°) 9/1/2015 IGRF2010 9.25 62.89 49,999

Design #1 1Sept15 sam Design Audit Notes: Version: Phase: PLAN Tie On Depth: 0.00 Vertical Section: Depth From (TVD) +N/-S +E/-W Direction (usft) (usft) (usft) (°) 0,00 0.00 0.00 176.90

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,024.75	10.49	52.09	1,021.82	29.44	37.81	2.00	2.00	0.00	52.09	
4,064.51	10.49	52.09	4,010.73	369.62	474.68	0.00	0.00	0.00	0.00	
4,807.15	60.00	180.64	4,633.81	52.86	531.01	9.00	6.67	17.31	132.55	Start 60 tan #464
4,867.15	60.00	180.64	4,663.81	0.90	530.43	0.00	0.00	0.00	0.00	End 60 tan #464H
5,036.20	75.21	180.64	4,728.02	-154.94	528.70	9.00	9.00	0.00	0.00	
5,212.07	91.04	180.64	4,749.00	-328.97	526.77	9.00	9.00	0.00	0.00	POE #464H
13,017.23	91.04	180.64	4.607.00	-8,132.36	440.18	0.00	0.00	0.00	0.00	BHL #464H

WPX

Planning Report

San Juan WPX Energy Database: Company: Project: T22N R8W Site: W Alamito UT 12 H

Well: W Alamito UT #464H Wellbore: Wellbore #1

Design: Design #1 1Sept15 sam Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well W Alamito UT #464H (A1) - Slot A1 KB @ 6817.00usft (Aztec 920)

KB @ 6817.00usft (Aztec 920)

True

Minimum Curvature

9 5/8" 500.00 0.00 0.00 50.00 50.00 0.00 0.00	Measured Depth (usft)	Inclination (°)	Azimuth	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
Series S										0.00
Start Build 2.00	10.300.000	0.00	0.00	320.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00		0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	(V-2004) 20000	100000000000000000000000000000000000000	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,024.75	THE PERSON NAMED IN COLUMN TWO		52.09	997 47	26.74	34 34	-24 84	2.00	2.00	0.00
Hold 10.49 Inclination										0.00
2,000.00 10.49 52.09 1,980.76 138.58 177.97 -128.76 0.00 0.00 0.00 2,500.00 10.49 52.09 2,472.39 194.54 249.83 -180.75 0.00 0.00 0.00 3,500.00 10.49 52.09 2,964.03 250.49 321.69 -232.74 0.00 0.00 0.00 3,500.00 10.49 52.09 3,455.66 306.45 393.55 -2284.73 0.00 0.00 0.00 0.00 4,004.51 10.49 52.09 3,495.66 306.45 393.55 -2284.73 0.00 0.00 0.00 0.00 4,004.51 10.49 52.09 4,010.73 369.62 474.68 -343.42 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0			Zeg THE LAND	1,021.02		TARRES :				
2,000.00 10.49 52.09 1,980.76 138.58 177.97 -128.76 0.00 0.00 0.00 2,500.00 10.49 52.09 2,472.39 194.54 249.83 -180.75 0.00 0.00 0.00 3,500.00 10.49 52.09 2,964.03 250.49 321.69 -232.74 0.00 0.00 0.00 3,500.00 10.49 52.09 3,455.66 306.45 393.55 -2284.73 0.00 0.00 0.00 0.00 4,004.51 10.49 52.09 3,495.66 306.45 393.55 -2284.73 0.00 0.00 0.00 0.00 4,004.51 10.49 52.09 4,010.73 369.62 474.68 -343.42 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	4 500 00	10.40	E2.00	4 400 42	92.62	106 11	76 77	0.00	0.00	0.00
2,500.00										0.00
3,000.00 10.49 52.09 2,964.03 250.49 321.69 -232.74 0.00 0.00 0.00 3,500.00 10.49 52.09 3,455.66 306.45 393.55 -284.73 0.00 0.00 0.00 0.00 4,004.51 10.49 52.09 3,947.30 362.40 465.41 -336.72 0.00 0.00 0.00 0.00 4,084.51 10.49 52.09 4,010.73 369.62 474.68 -343.42 0.00 0.00 0.00 0.00 4,084.51 10.49 52.09 4,010.73 369.62 474.68 -343.42 0.00 0.00 0.00 0.00 0.00 4,084.51 10.49 52.09 4,010.73 369.62 474.68 -343.42 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	The second secon									0.00
3,500,00 10.49 52.09 3,455.66 306.45 393.55 -284.73 0.00 0.00 0.00 0.00 4,004.51 10.49 52.09 3,947.30 362.40 485.41 -336.72 0.00 0.00 0.00 0.00 3.40 4,064.51 10.49 52.09 4,010.73 369.62 474.68 -343.42 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0										0.00
4,000.00 10.49 52.09 3,947.30 362.40 465.41 -336.72 0.00 0.00 0.00 0.00 4,084.51 10.49 52.09 4,010.73 369.62 474.68 -343.42 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0										0.00
4,064.51 10.49 52.09 4,010.73 369.62 474.68 -343.42 0.00 0.00 0.00 Start Build DLS 9.00 TFO 132.55 4,500.00 32.87 173.02 4,423.95 272.87 522.19 -244.25 9.00 5.14 27 4,807.15 60.00 180.64 4,633.81 52.86 531.01 -24.08 9.00 8.83 22 Hold 60.00 Inclination 4,867.15 60.00 180.64 4,717.79 -120.22 529.09 148.64 9.00 9.00 0.00 Start Build DLS 9.00 TFO 0.00 Start DLS 9.00 TFO 0.00	15.			The second second						
## A										0.00
4,500.00 32.87 173.02 4,423.95 272.87 522.19 -244.25 9.00 5.14 27 4,807.15 60.00 180.64 4,633.81 52.86 531.01 -24.08 9.00 8.83 2 2				4,010.73	369.62	4/4.68	-343.42	0.00	0.00	0.00
4,807.15 60,00 180.64 4,633.81 52.86 531.01 -24.08 9.00 8.83 22 Hold 60.00 Inclination 4,867.15 60.00 180.64 4,663.81 0.90 530.43 27.77 0.00 0.00 0 5,000.00 71.96 180.64 4,717.79 -120.22 529.09 146.84 9.00 9.00 0 5,036.20 75.21 180.64 4,728.02 -154.94 528.70 183.29 9.00 9.00 0 Start DLS 9.00 TFO 0.00 Start DLS 9.00 TFO 0.00 To 0.00 -91.04 180.64 4,749.00 -328.90 526.77 356.89 9.00 9.00 0 To 0.00 91.04 180.64 4,749.00 -328.97 526.77 356.89 9.00 9.00 0 To 0.00 91.04 180.64 4,743.76 -616.84 523.58 644.23 0.00 0.00 0 0 0	- CONTROL STATE OF THE PARTY OF	discount and a contract of the first of the contract of the co	CTCS-OTT-CT	1 (0)		500.40				
Hold 60.00 Inclination 4,867.15 60.00 180.64 4,663.81 0.90 530.43 27.77 0.00 0.00 0 Start Build DLS 9.00 TFO 0.00 5,000.00 71.96 180.64 4,717.79 -120.22 529.09 148.64 9.00 9.00 0 5,036.20 75.21 180.64 4,728.02 -154.94 528.70 183.29 9.00 9.00 0 Start DLS 9.00 TFO 0.00 5,212.00 91.04 180.64 4,749.00 -328.90 526.77 356.89 9.00 9.00 0 POE at 91.04 Inc 180.64 deg 5,212.07 91.04 180.64 4,749.00 -328.97 526.77 356.96 9.00 9.00 0 0 POE at 91.04 Inc 180.64 deg 5,500.00 91.04 180.64 4,743.76 -616.84 523.58 644.23 0.00 0.00 0 0 0 0 0 0 0 0 0 0	The state of the s									27.77
4,867.15 60.00 180.64 4,663.81 0.90 530.43 27.77 0.00 0.00 0 Start Build DLS 9.00 TFO 0.00 5,000.00 71.86 180.64 4,717.79 -120.22 529.09 148.64 9.00 9.00 0 5,036.20 75.21 180.64 4,728.02 -154.94 528.70 183.29 9.00 9.00 0 Start DLS 9.00 TFO 0.00 5,212.00 91.04 180.64 4,749.00 -328.90 526.77 356.89 9.00 9.00 9.00 7" 5,212.07 91.04 180.64 4,749.00 -328.97 526.77 356.96 9.00 9.00 0 POE at 91.04 Inc 180.64 deg 5,500.00 91.04 180.64 4,743.76 -616.84 523.58 644.23 0.00 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0		100000000000000000000000000000000000000	180.64	4,633.81	52.86	531.01	-24.08	9.00	8.83	2.48
Start Build DLS 9.00 TFO 0.00			400.04	4.000.04	0.00	500.40	07.77	0.00	0.00	0.00
\$\begin{array}{c c c c c c c c c c c c c c c c c c c	A STATE OF THE STA	1000000	2.05.20.20.00	4,003.01	0.90	530.43	21.11	0.00	0.00	0.00
\$\begin{array}{c c c c c c c c c c c c c c c c c c c	Start Build D	LS 9.00 1FO 0.0	0	Carlo Branch						
Start DLS 9.00 TFO 0.00 5,212.00 91.04 180.64 4,749.00 -328.90 526.77 356.89 9.00 9.00 0 7" 5,212.07 91.04 180.64 4,749.00 -328.97 526.77 356.96 9.00 9.00 0 POE at 91.04 Inc 180.64 deg 5,500.00 91.04 180.64 4,743.76 -616.84 523.58 644.23 0.00 0.00 0 6,000.00 91.04 180.64 4,734.67 -1,116.72 518.03 1,143.09 0.00 0.00 0	5,000.00	71.96		4,717.79	-120.22					0.00
5,212.00 91.04 180.64 4,749.00 -328.90 526.77 356.89 9.00 9.00 0 7" 5,212.07 91.04 180.64 4,749.00 -328.97 526.77 356.96 9.00 9.00 0 6,500.00 91.04 180.64 4,743.76 -616.84 523.58 644.23 0.00 0.00 0 6,000.00 91.04 180.64 4,734.67 -1,116.72 518.03 1,143.09 0.00 0.00 0 0 0 6,500.00 91.04 180.64 4,725.57 -1,616.61 512.48 1,641.95 0.00 0.00 0 <t< td=""><td>5,036.20</td><td>75.21</td><td>180.64</td><td>4,728.02</td><td>-154.94</td><td>528.70</td><td>183.29</td><td>9.00</td><td>9.00</td><td>0.00</td></t<>	5,036.20	75.21	180.64	4,728.02	-154.94	528.70	183.29	9.00	9.00	0.00
7" 5,212.07 91.04 180.64 4,749.00 -328.97 526.77 356.96 9.00 9.00 0 POE at 91.04 Inc 180.64 deg 5,500.00 91.04 180.64 4,743.76 -616.84 523.58 644.23 0.00 0.00 0 6,000.00 91.04 180.64 4,734.67 -1,116.72 518.03 1,143.09 0.00 0.00 0.00 0 0 0 0 0.00 0	Start DLS 9.0									17.00
5,212.07 91.04 180.64 4,749.00 -328.97 526.77 356.96 9.00 9.00 0 POE at 91.04 Inc 180.64 deg 5,500.00 91.04 180.64 4,743.76 -616.84 523.58 644.23 0.00 0.00 0.00 0	5,212.00	91.04	180.64	4,749.00	-328.90	526.77	356.89	9.00	9.00	0.00
POE at 91.04 Inc 180.64 deg 5,500.00 91.04 180.64 4,743.76 -616.84 523.58 644.23 0.00 0.00 0 6,000.00 91.04 180.64 4,734.67 -1,116.72 518.03 1,143.09 0.00 0.00 0 6,500.00 91.04 180.64 4,725.57 -1,616.61 512.48 1,641.95 0.00 0.00 0 7,000.00 91.04 180.64 4,716.47 -2,116.50 506.93 2,140.80 0.00 0.00 0 0 7,500.00 91.04 180.64 4,707.38 -2,616.38 501.39 2,639.66 0.00 0.00 0 0 8,000.00 91.04 180.64 4,698.28 -3,116.27 495.84 3,138.51 0.00 0.00 <	7"							TOP BUILDING		
5,500.00 91.04 180.64 4,743.76 -616.84 523.58 644.23 0.00 0.00 0 6,000.00 91.04 180.64 4,734.67 -1,116.72 518.03 1,143.09 0.00 0.00 0 6,500.00 91.04 180.64 4,725.57 -1,616.61 512.48 1,641.95 0.00 0.00 0 7,000.00 91.04 180.64 4,716.47 -2,116.50 506.93 2,140.80 0.00 0.00 0 0 7,500.00 91.04 180.64 4,707.38 -2,616.38 501.39 2,639.66 0.00 0.00 0	5,212.07	91.04	180.64	4,749.00	-328.97	526.77	356.96	9.00	9.00	0.00
6,000.00 91.04 180.64 4,734.67 -1,116.72 518.03 1,143.09 0.00 0.00 0.00 0.00 0.00 0.00 0.00	POE at 91.04	CHARLES AND ASSOCIATION OF THE PARTY OF THE								
6,500.00 91.04 180.64 4,725.57 -1,616.61 512.48 1,641.95 0.00 0.00 0 7,000.00 91.04 180.64 4,716.47 -2,116.50 506.93 2,140.80 0.00 0.00 0 7,500.00 91.04 180.64 4,707.38 -2,616.38 501.39 2,639.66 0.00 0.00 0 8,000.00 91.04 180.64 4,698.28 -3,116.27 495.84 3,138.51 0.00 0.00 0 8,500.00 91.04 180.64 4,689.18 -3,616.16 490.29 3,637.37 0.00 0.00 0 9,000.00 91.04 180.64 4,680.09 -4,116.04 484.75 4,136.23 0.00 0.00 0 10,000.00 91.04 180.64 4,670.99 -4,615.93 479.20 4,635.08 0.00 0.00 0 10,500.00 91.04 180.64 4,652.80 -5,615.70 468.10 5,632.79 0.00 0.00	5,500.00	91.04	180.64	4,743.76	-616.84	523.58	644.23	0.00	0.00	0.00
7,000.00 91.04 180.64 4,716.47 -2,116.50 506.93 2,140.80 0.00 0.00 0.00 7,500.00 91.04 180.64 4,707.38 -2,616.38 501.39 2,639.66 0.00 0.00 0 8,000.00 91.04 180.64 4,698.28 -3,116.27 495.84 3,138.51 0.00 0.00 0 8,500.00 91.04 180.64 4,689.18 -3,616.16 490.29 3,637.37 0.00 0.00 0 9,000.00 91.04 180.64 4,680.09 -4,116.04 484.75 4,136.23 0.00 0.00 0 9,500.00 91.04 180.64 4,670.99 -4,615.93 479.20 4,635.08 0.00 0.00 0 10,000.00 91.04 180.64 4,661.89 -5,115.82 473.65 5,133.94 0.00 0.00 0 11,000.00 91.04 180.64 4,632.80 -5,615.70 468.10 5,632.79 0.00 0.00	6,000.00	91.04	180.64	4,734.67	-1,116.72	518.03	1,143.09	0.00	0.00	0.00
7,500.00 91.04 180.64 4,707.38 -2,616.38 501.39 2,639.66 0.00 0.00 0 8,000.00 91.04 180.64 4,698.28 -3,116.27 495.84 3,138.51 0.00 0.00 0 8,500.00 91.04 180.64 4,689.18 -3,616.16 490.29 3,637.37 0.00 0.00 0 9,000.00 91.04 180.64 4,680.09 -4,116.04 484.75 4,136.23 0.00 0.00 0 9,500.00 91.04 180.64 4,670.99 -4,615.93 479.20 4,635.08 0.00 0.00 0 10,000.00 91.04 180.64 4,661.89 -5,115.82 473.65 5,133.94 0.00 0.00 0 11,000.00 91.04 180.64 4,652.80 -5,615.70 468.10 5,632.79 0.00 0.00 0 11,000.00 91.04 180.64 4,634.60 -6,615.48 457.01 6,630.51 0.00 0.00	6,500.00	91.04	180.64	4,725.57	-1,616.61	512.48	1,641.95	0.00	0.00	0.00
7,500.00 91.04 180.64 4,707.38 -2,616.38 501.39 2,639.66 0.00 0.00 0 8,000.00 91.04 180.64 4,698.28 -3,116.27 495.84 3,138.51 0.00 0.00 0 8,500.00 91.04 180.64 4,689.18 -3,616.16 490.29 3,637.37 0.00 0.00 0 9,000.00 91.04 180.64 4,680.09 -4,116.04 484.75 4,136.23 0.00 0.00 0 9,500.00 91.04 180.64 4,670.99 -4,615.93 479.20 4,635.08 0.00 0.00 0 10,000.00 91.04 180.64 4,661.89 -5,115.82 473.65 5,133.94 0.00 0.00 0 11,000.00 91.04 180.64 4,632.80 -5,615.70 468.10 5,632.79 0.00 0.00 0 11,000.00 91.04 180.64 4,634.60 -6,615.48 457.01 6,630.51 0.00 0.00	7,000.00	91.04	180.64	4,716.47	-2,116.50	506.93	2,140.80	0.00	0.00	0.00
8,500.00 91.04 180.64 4,689.18 -3,616.16 490.29 3,637.37 0.00 0.00 0 9,000.00 91.04 180.64 4,680.09 -4,116.04 484.75 4,136.23 0.00 0.00 0 9,500.00 91.04 180.64 4,670.99 -4,615.93 479.20 4,635.08 0.00 0.00 0 10,000.00 91.04 180.64 4,661.89 -5,115.82 473.65 5,133.94 0.00 0.00 0 10,500.00 91.04 180.64 4,652.80 -5,615.70 468.10 5,632.79 0.00 0.00 0 11,000.00 91.04 180.64 4,643.70 -6,115.59 462.56 6,131.65 0.00 0.00 0 11,500.00 91.04 180.64 4,634.60 -6,615.48 457.01 6,630.51 0.00 0.00 0 12,000.00 91.04 180.64 4,625.51 -7,115.36 451.46 7,129.36 0.00 0.00 0 12,500.00 91.04 180.64 4,616.41 -7,615.25	200000000000000000000000000000000000000		180.64		The state of the s					0.00
9,000.00 91.04 180.64 4,680.09 -4,116.04 484.75 4,136.23 0.00 0.00 0 9,500.00 91.04 180.64 4,670.99 -4,615.93 479.20 4,635.08 0.00 0.00 0 10,000.00 91.04 180.64 4,661.89 -5,115.82 473.65 5,133.94 0.00 0.00 0 10,500.00 91.04 180.64 4,652.80 -5,615.70 468.10 5,632.79 0.00 0.00 0 11,000.00 91.04 180.64 4,634.60 -6,115.59 462.56 6,131.65 0.00 0.00 0 12,000.00 91.04 180.64 4,634.60 -6,615.48 457.01 6,630.51 0.00 0.00 0 12,500.00 91.04 180.64 4,625.51 -7,115.36 451.46 7,129.36 0.00 0.00 0 12,500.00 91.04 180.64 4,616.41 -7,615.25 445.91 7,628.22 0.00 0.00	8,000.00	91.04	180.64	4,698.28	-3,116.27	495.84	3,138.51	0.00	0.00	0.00
9,000.00 91.04 180.64 4,680.09 -4,116.04 484.75 4,136.23 0.00 0.00 0 9,500.00 91.04 180.64 4,670.99 -4,615.93 479.20 4,635.08 0.00 0.00 0 10,000.00 91.04 180.64 4,661.89 -5,115.82 473.65 5,133.94 0.00 0.00 0 10,500.00 91.04 180.64 4,652.80 -5,615.70 468.10 5,632.79 0.00 0.00 0 11,000.00 91.04 180.64 4,634.60 -6,115.59 462.56 6,131.65 0.00 0.00 0 12,000.00 91.04 180.64 4,634.60 -6,615.48 457.01 6,630.51 0.00 0.00 0 12,500.00 91.04 180.64 4,625.51 -7,115.36 451.46 7,129.36 0.00 0.00 0 12,500.00 91.04 180.64 4,616.41 -7,615.25 445.91 7,628.22 0.00 0.00	8,500.00	91.04	180.64	4,689.18	-3,616.16	490.29	3,637.37	0.00	0.00	0.00
9,500.00 91.04 180.64 4,670.99 -4,615.93 479.20 4,635.08 0.00 0.00 0 10,000.00 91.04 180.64 4,661.89 -5,115.82 473.65 5,133.94 0.00 0.00 0 10,500.00 91.04 180.64 4,652.80 -5,615.70 468.10 5,632.79 0.00 0.00 0 11,000.00 91.04 180.64 4,643.70 -6,115.59 462.56 6,131.65 0.00 0.00 0 12,000.00 91.04 180.64 4,634.60 -6,615.48 457.01 6,630.51 0.00 0.00 0 12,000.00 91.04 180.64 4,625.51 -7,115.36 451.46 7,129.36 0.00 0.00 0 12,500.00 91.04 180.64 4,616.41 -7,615.25 445.91 7,628.22 0.00 0.00 0 13,000.00 91.04 180.64 4,607.31 -8,115.14 440.37 8,127.07 0.00 0.00										0.00
10,500.00 91.04 180.64 4,652.80 -5,615.70 468.10 5,632.79 0.00 0.00 0.00 11,000.00 91.04 180.64 4,643.70 -6,115.59 462.56 6,131.65 0.00 0.00 0.00 11,500.00 91.04 180.64 4,634.60 -6,615.48 457.01 6,630.51 0.00 0.00 0.00 12,000.00 91.04 180.64 4,625.51 -7,115.36 451.46 7,129.36 0.00 0.00 0.00 12,500.00 91.04 180.64 4,616.41 -7,615.25 445.91 7,628.22 0.00 0.00 0.00 13,000.00 91.04 180.64 4,607.31 -8,115.14 440.37 8,127.07 0.00 0.00 0.00	9,500.00	91.04	180.64	4,670.99	-4,615.93	479.20	4,635.08	0.00	0.00	0.00
10,500.00 91.04 180.64 4,652.80 -5,615.70 468.10 5,632.79 0.00 0.00 0.00 11,000.00 91.04 180.64 4,643.70 -6,115.59 462.56 6,131.65 0.00 0.00 0.00 11,500.00 91.04 180.64 4,634.60 -6,615.48 457.01 6,630.51 0.00 0.00 0.00 12,000.00 91.04 180.64 4,625.51 -7,115.36 451.46 7,129.36 0.00 0.00 0.00 12,500.00 91.04 180.64 4,616.41 -7,615.25 445.91 7,628.22 0.00 0.00 0.00 13,000.00 91.04 180.64 4,607.31 -8,115.14 440.37 8,127.07 0.00 0.00 0.00		91.04	180.64	4,661.89	-5,115.82		5,133.94	0.00	0.00	0.00
11,500.00 91.04 180.64 4,634.60 -6,615.48 457.01 6,630.51 0.00 0.00 0.00 12,000.00 91.04 180.64 4,625.51 -7,115.36 451.46 7,129.36 0.00 0.00 0.00 12,500.00 91.04 180.64 4,616.41 -7,615.25 445.91 7,628.22 0.00 0.00 0.00 13,000.00 91.04 180.64 4,607.31 -8,115.14 440.37 8,127.07 0.00 0.00 0.00	10,500.00	91.04	180.64	4,652.80	-5,615.70	468.10	5,632.79	0.00	0.00	0.00
11,500.00 91.04 180.64 4,634.60 -6,615.48 457.01 6,630.51 0.00 0.00 0.00 12,000.00 91.04 180.64 4,625.51 -7,115.36 451.46 7,129.36 0.00 0.00 0.00 12,500.00 91.04 180.64 4,616.41 -7,615.25 445.91 7,628.22 0.00 0.00 0.00 13,000.00 91.04 180.64 4,607.31 -8,115.14 440.37 8,127.07 0.00 0.00 0.00	11,000.00	91.04	180.64	4,643.70	-6,115.59	462.56	6,131.65	0.00	0.00	0.00
12,000.00 91.04 180.64 4,625.51 -7,115.36 451.46 7,129.36 0.00 0.00 0.00 12,500.00 91.04 180.64 4,616.41 -7,615.25 445.91 7,628.22 0.00 0.00 0.00 13,000.00 91.04 180.64 4,607.31 -8,115.14 440.37 8,127.07 0.00 0.00 0.00	The second secon			7,100			C			0.00
12,500.00 91.04 180.64 4,616.41 -7,615.25 445.91 7,628.22 0.00 0.00 0.00 13,000.00 91.04 180.64 4,607.31 -8,115.14 440.37 8,127.07 0.00 0.00 0.00	The state of the s			V 100 252/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2						0.00
13,000.00 91.04 180.64 4,607.31 -8,115.14 440.37 8,127.07 0.00 0.00 0.				200			District of the said			0.00
										0.00
13 017 23 04 04 480 64 4 60 7 00 8 132 28 440 18 8 144 28 0.00 0.00	13,017.23	91.04	180.64	4,607.00	-8,132.36	440.18	8,144.26	0.00	0.00	0.00

WPX

Planning Report

Database: San Juan
Company: WPX Energy
Project: T22N R8W
Site: W Alamito UT 12 H
Well: W Alamito UT #464H
Wellbore: Wellbore #1

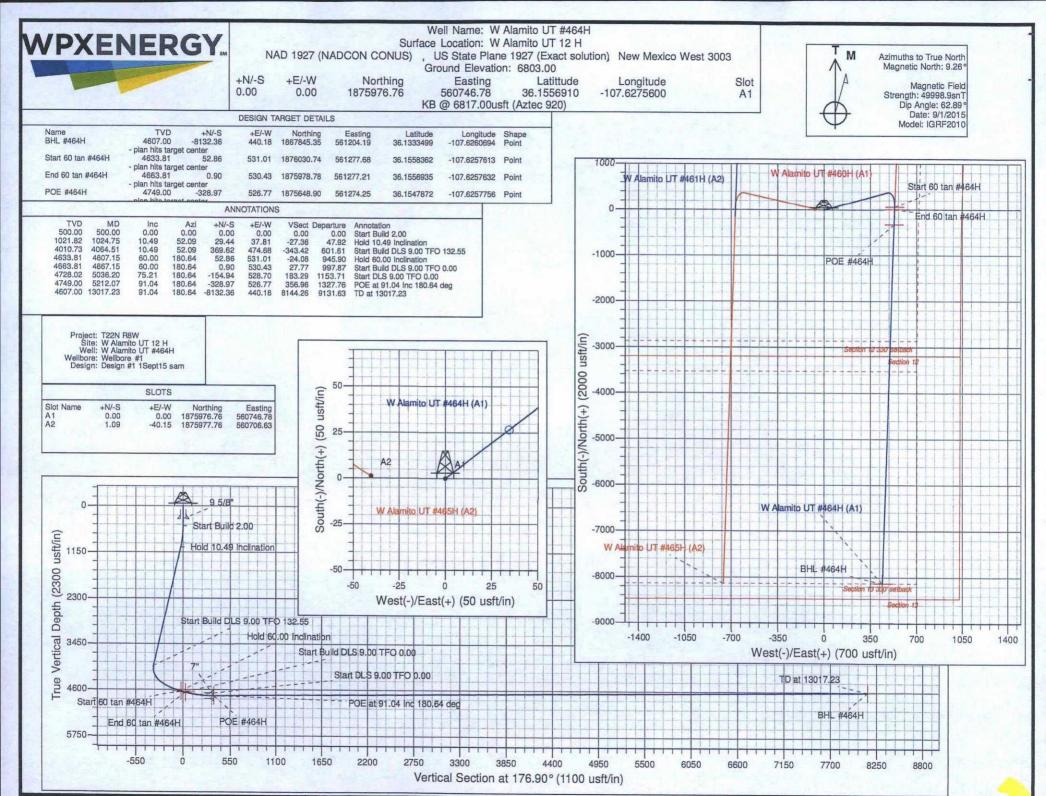
Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Well W Alamito UT #464H (A1) - Slot A1 KB @ 6817.00usft (Aztec 920) KB @ 6817.00usft (Aztec 920) True Minimum Curvature

Design: Design #1 1Sept15 sam

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle	Dip Dir.	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
BHL #464H - plan hits target cente - Point	0.00	0.00	4,607.00	-8,132.36	440.18	1,867,845.35	561,204.19	36.1333499	-107.6260694
Start 60 tan #464H - plan hits target cente - Point	0.00	0.00	4,633.81	52.86	531.01	1,876,030.74	561,277.68	36.1558362	-107.6257613
End 60 tan #464H - plan hits target cente - Point	0.00	0.00	4,663.81	0.90	530.43	1,875,978.78	561,277.21	36.1556934	-107.6257633
POE #464H - plan hits target cente - Point	0.00	0.00	4,749.00	-328.97	526.77	1,875,648.90	561,274.25	36.1547872	-107.6257757

Casing Points							
	Measured Depth (usft)	Vertical Depth (usft)		Name	Casing Diameter (in)	Hole Diameter (in)	
	320.00	320.00	9 5/8"		9.62	12.25	
	5,212.00	4,749.00	7"		7.00	8.75	

Measured	Vertical	Local Coor	dinates		
Depth (usft)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment	
500.00	500.00	0.00	0.00	Start Build 2.00	
1,024.75	1,021.82	29.44	37.81	Hold 10.49 Inclination	
4,064.51	4,010.73	369.62	474.68	Start Build DLS 9.00 TFO 132.55	
4,807.15	4,633.81	52.86	531.01	Hold 60.00 Inclination	
4,867.15	4,663.81	0.90	530.43	Start Build DLS 9.00 TFO 0.00	
5,036.20	4,728.02	-154.94	528.70	Start DLS 9.00 TFO 0.00	
5,212.07	4,749.00	-328.97	526.77	POE at 91.04 Inc 180.64 deg	
13,017.23	4,607.00	-8,132.36	440.18	TD at 13017.23	



- driving surface; the tear drop would be used to access the proposed wellheads and other facilities.
- 2. As practical, access will be a teardrop-shaped road through the production areas so that the center may be revegetated.
- Within 90 days of installation, production facilities would be painted Juniper Green to blend with the natural color of the landscape and would be located, to the extent practical, to reasonably minimize visual impact.
- Berms will be constructed around all storage facilities sufficient in size to contain the storage capacity of tanks. Berm walls will be compacted with appropriate equipment to assure containment.

After the completion phases and pipeline installation, portions of the project areas not needed for operation will be reclaimed. When the wells are plugged, final reclamation will occur within the remainder of the project areas. Reclamation is described in detail in the Reclamation Plan (Appendix A).

7.0 Methods for Handling Waste



A. Cuttings

- Drilling operations will utilize a closed-loop system. Drilling of the horizontal laterals will be
 accomplished with water-based mud. All cuttings will be placed in roll-off bins and hauled to
 a commercial disposal facility or land farm. WPX will follow Onshore Oil and Gas Order No. 1
 regarding the placement, operation, and removal of closed-loop systems. No blow pit will be
 used.
- 2. Closed-loop tanks will be adequately sized for containment of all fluids.
- B. Drilling Fluids
 - Drilling fluids will be stored onsite in above-ground storage tanks. Upon termination of drilling operations, the drilling fluids will be recycled and transferred to other permitted closed-loop systems or returned to the vendor for reuse, as practical. All residual fluids will be hauled to a commercial disposal facility.
- C. Spills
 - Any spills of non-freshwater fluids will be immediately cleaned up and removed to an approved disposal site.
- D. Sewage
 - Portable toilets will be provided and maintained during construction, as needed (see Figure 4 in Appendix B for the location of toilets).
- E. Garbage and other water material
 - 1. All garbage and trash will be placed in a metal trash basket. The trash and garbage will be hauled off site and dumped in an approved landfill, as needed.
- F. Hazardous Waste
 - No chemicals subject to reporting under Superfund Amendments and Reauthorization
 Act Title III in an amount equal to or greater than 10,000 pounds will be used, produced,
 stored, transported, or disposed of annually in association with the drilling, testing, or
 completing of these wells.
 - No extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of these wells.

<u>Directions from the Intersection of US Hwy 550 & US Hwy 64</u> in Bloomfield, NM to WPX Energy Production, LLC W Alamito UT #464H 2091' FNL & 1046' FEL, Section 12, T22N, R8W, N.M.P.M., San Juan County, NM

Latitude: 36.155705°N Longitude: 107.628169°W Datum: NAD1983

From the intersection of US Hwy 550 & US Hwy 64 in Bloomfield, NM, travel Southerly on US Hwy 550 for 38.7 miles to Mile Marker 112.7;

Go Right (Southerly) on County Road #7900 for 4.9 miles to fork in road;

Go Straight (South-easterly) remaining on County Road #7900 for 0.2 miles to fork in road;

Go Left (Easterly) exiting County Road #7900 for 2.8 miles to new access on right-hand side of existing roadway which continues for 7715.7' to staked WPX W Alamito UT #464H location.

