

Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-015-45682
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Beagle 35-34-22-27 Fee
8. Well Number 401H
9. OGRID Number 246289
10. Pool name or Wildcat Purple Sage Wolfcamp Gas Pool
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☒ Other	
2. Name of Operator WPX Energy Permian, LLC	
3. Address of Operator 3500 One Williams Center	
4. Well Location Unit Letter L : 2,339 feet from the South line and 402 feet from the West line Section 36 Township 22S Range 27E NMPM Eddy County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☒	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: ☐		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Amending the SHL, LTP and BHL. NSL application will be submitted on 7/24/2020.
New SHL: Unit P, Sec 35, 22S, 27E, 1,075' FSL, 613 FEL
New LTP: 100' FWL of Sec 34
New BHL: 50' FWL of Sec 34

Please find the following attached:
Revised C-102
Revised Directional Plan

No other revisions are needed.

Spud Date:

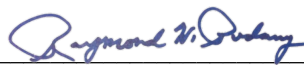
Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE _____ TITLE Regulatory Tech DATE 07-23-2020

Type or print name Dana Thompson E-mail address: dana.thompson@wpxenergy.com PHONE: 539-573-3588

For State Use Only

APPROVED BY:  TITLE Geologist DATE 7/31/2020

Conditions of Approval (if any):

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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District IV
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ APN Number 3001545682		² Pool Code 98220	³ Pool Name PURPLE SAGE WOLFCAMP GAS POOL
⁴ Property Code 324950	⁵ Property Name BEAGLE 35-34-22-27 FEE		⁶ Well Number 401H
⁷ OGRID No. 246289	⁸ Operator Name WPX ENERGY PERMIAN, LLC		⁹ Elevation 3,085'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	35	22 S	27 E		1,075	SOUTH	613	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

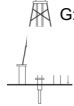
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	34	22 S	27 E		2,120	SOUTH	50	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
640 AC S/2			

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.

¹⁶		¹⁷ 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 heretofore entered by the division. <i>Larry E. Rader</i> 11-14-2019 Signature Date Larry E. Rader Printed Name larry.rader@wpxenergy.com E-mail Address
SURFACE HOLE LOCATION NAD 83 (NME) Y= 489,128.0 X= 596,715.5 LAT.= 32.344557°N LONG.= 104.154014°W NAD 27 (NME) Y= 489,068.6 X= 555,534.0 LAT.= 32.344437°N LONG.= 104.153513°W FIRST TAKE POINT NAD 83 (NME) Y= 490,175.9 X= 597,019.8 LAT.= 32.347436°N LONG.= 104.153023°W NAD 27 (NME) Y= 490,116.5 X= 555,838.3 LAT.= 32.347316°N LONG.= 104.152522°W		LAST TAKE POINT NAD 83 (NME) Y= 490,088.1 X= 586,876.5 LAT.= 32.347237°N LONG.= 104.185869°W NAD 27 (NME) Y= 490,028.8 X= 545,695.1 LAT.= 32.347118°N LONG.= 104.185367°W BOTTOM HOLE LOCATION NAD 83 (NME) Y= 490,087.6 X= 586,826.4 LAT.= 32.347236°N LONG.= 104.186031°W NAD 27 (NME) Y= 490,028.3 X= 545,645.0 LAT.= 32.347117°N LONG.= 104.185529°W
		¹⁸ 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. 10-18-2019 Date of Survey Signature and Seal of Professional Surveyor: <i>Mark Dillon Harp</i> MARK DILLON HARP 23786 Certificate Number RR 2018051182

RWP 7/31/2020

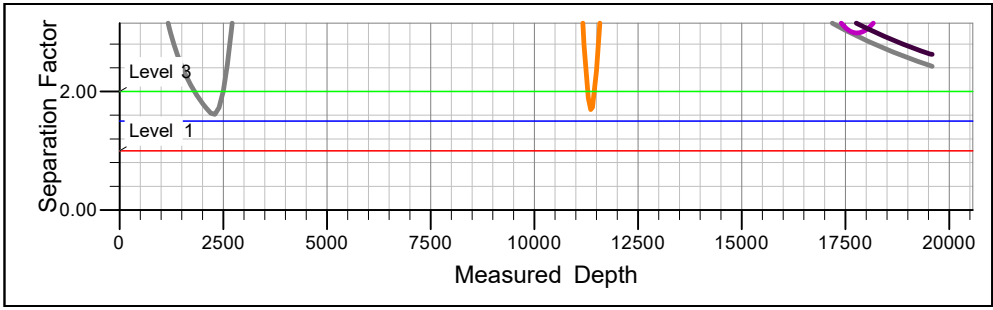
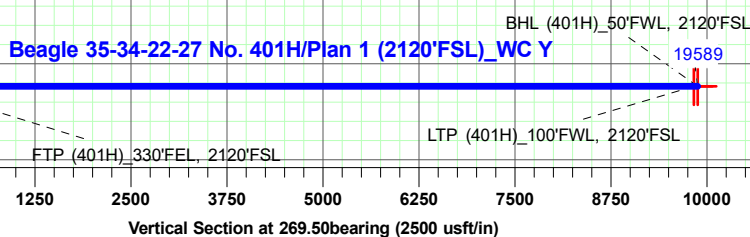
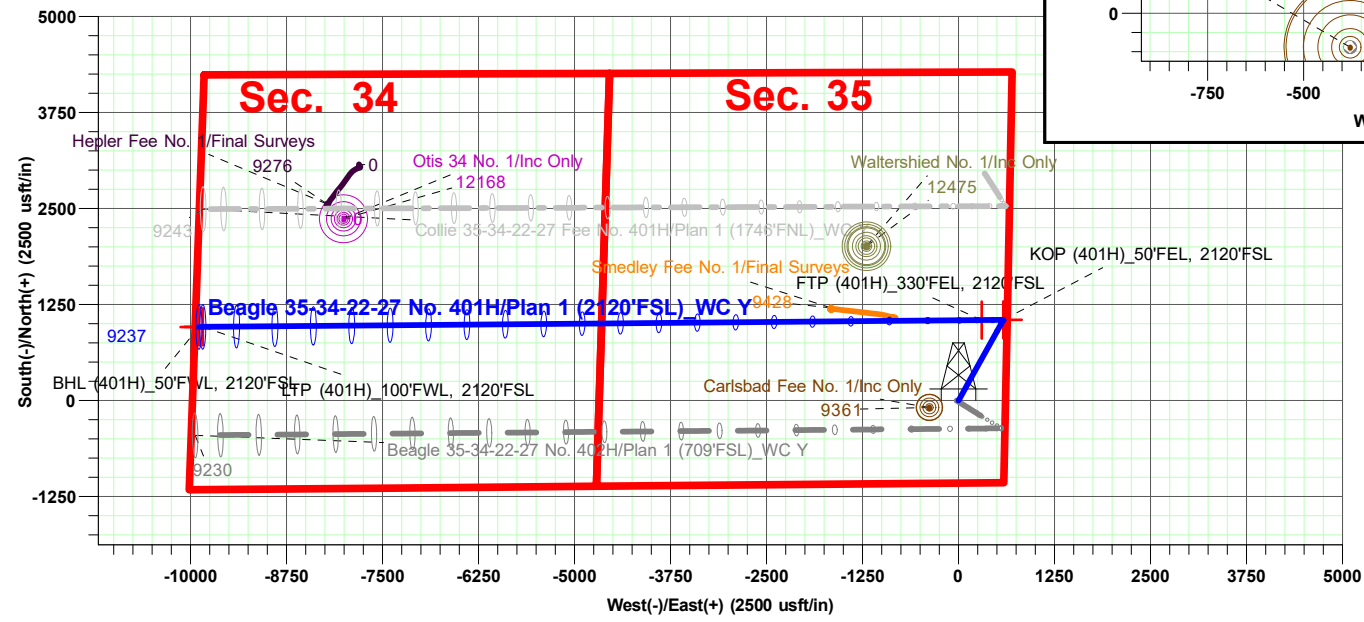
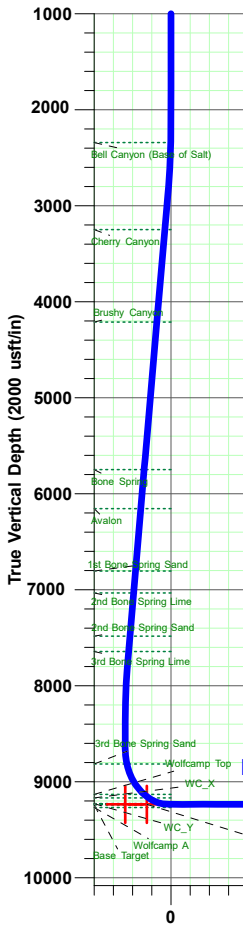
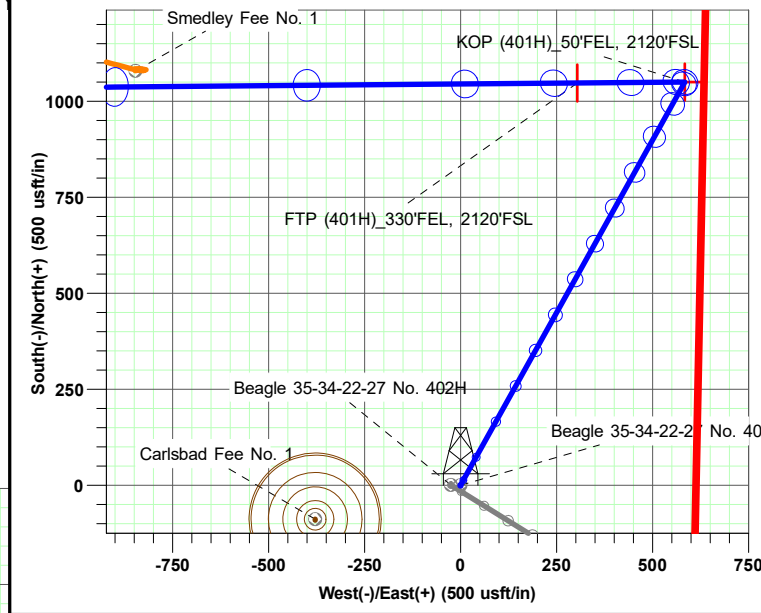


G:L3085+28ft @ 3113.00usft (Pat. 803)
Ground Level 3085.00

Beagle 35-34-22-27 No. 401H
Eddy NM
Northing: 489128.00
Easting: 596715.50
Lat: 32.344557
Long: -104.154014
Plan 1 (2120'FSL)_WC

SECTION DETAILS							
Beagle 35-34-22-27 No. 401H							
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	Vsect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2200.00	0.00	0.00	2200.00	0.00	0.00	0.00	0.00
2812.58	12.25	29.09	2807.92	57.01	31.72	2.00	-32.22
7861.73	12.25	29.09	7742.08	993.29	552.68	0.00	-561.32
8474.31	0.00	0.00	8350.00	1050.30	584.40	2.00	-593.54
8788.35	0.00	0.00	8664.04	1050.30	584.40	0.00	-593.54
9688.35	90.00	269.50	9237.00	1045.34	11.46	10.00	-20.59
19539.18	90.00	269.50	9237.00	960.10	-9839.00	0.00	9830.25
19589.28	90.00	269.50	9237.00	959.67	-9889.10	0.00	9880.35

DESIGN TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	
BHL (401H)_50'FWL, 2120'FSL	9237.00	959.60	-9889.10	490087.60	586826.40	
FTP (401H)_330'FEL, 2120'FSL	9237.00	1047.90	304.30	490175.90	597019.80	
KOP (401H)_50'FEL, 2120'FSL	9237.00	1050.30	584.40	490178.30	597299.90	
LTP (401H)_100'FWL, 2120'FSL	9237.00	960.10	-9839.00	490088.10	586876.50	



WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 401H
Company:	WPX Energy Permian, LLC	TVD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (2120'FSL)_WC Y		

Project	Eddy NM		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		Beagle 35-34-22-27 Pad			
Site Position:		Northing:	489,128.00 usft	Latitude:	32.344557
From:	Map	Easting:	596,715.50 usft	Longitude:	-104.154014
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.10 °

Well	Beagle 35-34-22-27 No. 401H					
Well Position	+N/-S	0.00 usft	Northing:	489,128.00 usft	Latitude:	32.344557
	+E/-W	0.00 usft	Easting:	596,715.50 usft	Longitude:	-104.154014
Position Uncertainty		0.00 usft	Wellhead Elevation:		Ground Level:	3,085.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	8.02	60.25	48,802.27849952

Design	Plan 1 (2120'FSL)_WC Y			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (bearing)
	0.00	0.00	0.00	269.50

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	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	
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,812.58	12.25	29.09	2,807.92	57.01	31.72	2.00	2.00	0.00	29.09	
7,861.73	12.25	29.09	7,742.08	993.29	552.68	0.00	0.00	0.00	0.00	
8,474.31	0.00	0.01	8,350.00	1,050.30	584.40	2.00	-2.00	0.00	180.00	
8,788.35	0.00	0.00	8,664.04	1,050.30	584.40	0.00	0.00	0.00	0.00	
9,688.35	90.00	269.50	9,237.00	1,045.34	11.46	10.00	10.00	0.00	269.50	
19,539.18	90.00	269.50	9,237.00	960.10	-9,839.00	0.00	0.00	0.00	0.00	
19,589.28	90.00	269.50	9,237.00	959.67	-9,889.10	0.00	0.00	0.00	0.00	

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Planning Report - Geographic

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Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (2120'FSL)_WC Y		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
100.00	0.00	0.00	100.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
200.00	0.00	0.00	200.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
300.00	0.00	0.00	300.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
320.00	0.00	0.00	320.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
Salado									
400.00	0.00	0.00	400.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
500.00	0.00	0.00	500.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
600.00	0.00	0.00	600.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
700.00	0.00	0.00	700.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
713.00	0.00	0.00	713.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
Castile									
800.00	0.00	0.00	800.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
900.00	0.00	0.00	900.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
1,000.00	0.00	0.00	1,000.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
1,100.00	0.00	0.00	1,100.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
1,200.00	0.00	0.00	1,200.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
1,300.00	0.00	0.00	1,300.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
1,400.00	0.00	0.00	1,400.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
1,500.00	0.00	0.00	1,500.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
1,600.00	0.00	0.00	1,600.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
1,700.00	0.00	0.00	1,700.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
1,800.00	0.00	0.00	1,800.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
1,900.00	0.00	0.00	1,900.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
2,000.00	0.00	0.00	2,000.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
2,100.00	0.00	0.00	2,100.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
2,200.00	0.00	0.00	2,200.00	0.00	0.00	489,128.00	596,715.50	32.344557	-104.154014
2,300.00	2.00	29.09	2,299.98	1.52	0.85	489,129.53	596,716.35	32.344561	-104.154012
2,343.06	2.86	29.09	2,343.00	3.12	1.74	489,131.12	596,717.24	32.344565	-104.154009
Bell Canyon (Base of Salt)									
2,400.00	4.00	29.09	2,399.84	6.10	3.39	489,134.10	596,718.90	32.344573	-104.154003
2,500.00	6.00	29.09	2,499.45	13.71	7.63	489,141.71	596,723.13	32.344594	-104.153990
2,600.00	8.00	29.09	2,598.70	24.36	13.56	489,152.36	596,729.06	32.344624	-104.153970
2,700.00	10.00	29.09	2,697.47	38.03	21.16	489,166.03	596,736.66	32.344661	-104.153946
2,800.00	12.00	29.09	2,795.62	54.70	30.44	489,182.71	596,745.94	32.344707	-104.153915
2,812.58	12.25	29.09	2,807.92	57.01	31.72	489,185.01	596,747.23	32.344713	-104.153911
2,900.00	12.25	29.09	2,893.35	73.22	40.74	489,201.23	596,756.25	32.344758	-104.153882
3,000.00	12.25	29.09	2,991.07	91.77	51.06	489,219.77	596,766.56	32.344809	-104.153848
3,100.00	12.25	29.09	3,088.80	110.31	61.38	489,238.31	596,776.88	32.344860	-104.153815
3,200.00	12.25	29.09	3,186.52	128.85	71.70	489,256.85	596,787.20	32.344911	-104.153781
3,263.94	12.25	29.09	3,249.00	140.71	78.29	489,268.71	596,793.80	32.344943	-104.153760
Cherry Canyon									
3,300.00	12.25	29.09	3,284.24	147.40	82.01	489,275.40	596,797.52	32.344961	-104.153748
3,400.00	12.25	29.09	3,381.96	165.94	92.33	489,293.94	596,807.83	32.345012	-104.153714
3,500.00	12.25	29.09	3,479.69	184.48	102.65	489,312.48	596,818.15	32.345063	-104.153681
3,600.00	12.25	29.09	3,577.41	203.03	112.97	489,331.03	596,828.47	32.345114	-104.153647
3,700.00	12.25	29.09	3,675.13	221.57	123.28	489,349.57	596,838.79	32.345165	-104.153614
3,800.00	12.25	29.09	3,772.85	240.11	133.60	489,368.11	596,849.11	32.345216	-104.153580
3,900.00	12.25	29.09	3,870.58	258.66	143.92	489,386.66	596,859.42	32.345267	-104.153547
4,000.00	12.25	29.09	3,968.30	277.20	154.24	489,405.20	596,869.74	32.345318	-104.153513
4,100.00	12.25	29.09	4,066.02	295.74	164.55	489,423.74	596,880.06	32.345369	-104.153480
4,200.00	12.25	29.09	4,163.74	314.29	174.87	489,442.29	596,890.38	32.345420	-104.153446
4,251.43	12.25	29.09	4,214.00	323.82	180.18	489,451.82	596,895.68	32.345446	-104.153429
Brushy Canyon									

WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 401H
Company:	WPX Energy Permian, LLC	TVD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (2120'FSL)_WC Y		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
4,300.00	12.25	29.09	4,261.47	332.83	185.19	489,460.83	596,900.69	32.345471	-104.153413
4,400.00	12.25	29.09	4,359.19	351.37	195.51	489,479.37	596,911.01	32.345522	-104.153379
4,500.00	12.25	29.09	4,456.91	369.92	205.83	489,497.92	596,921.33	32.345573	-104.153346
4,600.00	12.25	29.09	4,554.63	388.46	216.14	489,516.46	596,931.65	32.345624	-104.153312
4,700.00	12.25	29.09	4,652.36	407.00	226.46	489,535.00	596,941.96	32.345674	-104.153279
4,800.00	12.25	29.09	4,750.08	425.54	236.78	489,553.55	596,952.28	32.345725	-104.153245
4,900.00	12.25	29.09	4,847.80	444.09	247.10	489,572.09	596,962.60	32.345776	-104.153212
5,000.00	12.25	29.09	4,945.53	462.63	257.41	489,590.63	596,972.92	32.345827	-104.153178
5,100.00	12.25	29.09	5,043.25	481.17	267.73	489,609.18	596,983.23	32.345878	-104.153145
5,200.00	12.25	29.09	5,140.97	499.72	278.05	489,627.72	596,993.55	32.345929	-104.153111
5,300.00	12.25	29.09	5,238.69	518.26	288.37	489,646.26	597,003.87	32.345980	-104.153078
5,400.00	12.25	29.09	5,336.42	536.80	298.68	489,664.80	597,014.19	32.346031	-104.153044
5,500.00	12.25	29.09	5,434.14	555.35	309.00	489,683.35	597,024.51	32.346082	-104.153011
5,600.00	12.25	29.09	5,531.86	573.89	319.32	489,701.89	597,034.82	32.346133	-104.152977
5,700.00	12.25	29.09	5,629.58	592.43	329.64	489,720.43	597,045.14	32.346184	-104.152944
5,800.00	12.25	29.09	5,727.31	610.98	339.95	489,738.98	597,055.46	32.346235	-104.152910
5,822.20	12.25	29.09	5,749.00	615.09	342.25	489,743.09	597,057.75	32.346246	-104.152903
Bone Spring									
5,900.00	12.25	29.09	5,825.03	629.52	350.27	489,757.52	597,065.78	32.346286	-104.152877
6,000.00	12.25	29.09	5,922.75	648.06	360.59	489,776.06	597,076.09	32.346336	-104.152843
6,100.00	12.25	29.09	6,020.47	666.61	370.91	489,794.61	597,086.41	32.346387	-104.152810
6,200.00	12.25	29.09	6,118.20	685.15	381.23	489,813.15	597,096.73	32.346438	-104.152776
6,238.69	12.25	29.09	6,156.00	692.32	385.22	489,820.32	597,100.72	32.346458	-104.152763
Avalon									
6,300.00	12.25	29.09	6,215.92	703.69	391.54	489,831.69	597,107.05	32.346489	-104.152743
6,400.00	12.25	29.09	6,313.64	722.24	401.86	489,850.24	597,117.36	32.346540	-104.152709
6,500.00	12.25	29.09	6,411.36	740.78	412.18	489,868.78	597,127.68	32.346591	-104.152676
6,600.00	12.25	29.09	6,509.09	759.32	422.50	489,887.32	597,138.00	32.346642	-104.152642
6,700.00	12.25	29.09	6,606.81	777.87	432.81	489,905.87	597,148.32	32.346693	-104.152609
6,800.00	12.25	29.09	6,704.53	796.41	443.13	489,924.41	597,158.63	32.346744	-104.152575
6,900.00	12.25	29.09	6,802.25	814.95	453.45	489,942.95	597,168.95	32.346795	-104.152542
6,904.86	12.25	29.09	6,807.00	815.85	453.95	489,943.85	597,169.45	32.346797	-104.152540
1st Bone Spring Sand									
7,000.00	12.25	29.09	6,899.98	833.49	463.77	489,961.50	597,179.27	32.346846	-104.152508
7,100.00	12.25	29.09	6,997.70	852.04	474.08	489,980.04	597,189.59	32.346897	-104.152475
7,138.17	12.25	29.09	7,035.00	859.12	478.02	489,987.12	597,193.53	32.346916	-104.152462
2nd Bone Spring Lime									
7,200.00	12.25	29.09	7,095.42	870.58	484.40	489,998.58	597,199.91	32.346948	-104.152441
7,300.00	12.25	29.09	7,193.14	889.12	494.72	490,017.13	597,210.22	32.346998	-104.152408
7,400.00	12.25	29.09	7,290.87	907.67	505.04	490,035.67	597,220.54	32.347049	-104.152374
7,500.00	12.25	29.09	7,388.59	926.21	515.36	490,054.21	597,230.86	32.347100	-104.152340
7,598.66	12.25	29.09	7,485.00	944.51	525.53	490,072.51	597,241.04	32.347151	-104.152307
2nd Bone Spring Sand									
7,600.00	12.25	29.09	7,486.31	944.75	525.67	490,072.75	597,241.18	32.347151	-104.152307
7,700.00	12.25	29.09	7,584.03	963.30	535.99	490,091.30	597,251.49	32.347202	-104.152273
7,761.36	12.25	29.09	7,644.00	974.68	542.32	490,102.68	597,257.83	32.347233	-104.152253
3rd Bone Spring Lime									
7,800.00	12.25	29.09	7,681.76	981.84	546.31	490,109.84	597,261.81	32.347253	-104.152240
7,861.73	12.25	29.09	7,742.08	993.29	552.68	490,121.29	597,268.18	32.347285	-104.152219
7,900.00	11.49	29.09	7,779.53	1,000.16	556.50	490,128.17	597,272.01	32.347303	-104.152207
8,000.00	9.49	29.09	7,877.86	1,016.07	565.35	490,144.07	597,280.86	32.347347	-104.152178
8,100.00	7.49	29.09	7,976.76	1,028.96	572.53	490,156.96	597,288.03	32.347382	-104.152155
8,200.00	5.49	29.09	8,076.11	1,038.83	578.02	490,166.83	597,293.52	32.347410	-104.152137
8,300.00	3.49	29.09	8,175.80	1,045.67	581.82	490,173.67	597,297.33	32.347428	-104.152125

WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 401H
Company:	WPX Energy Permian, LLC	TVD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (2120'FSL)_WC Y		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
8,400.00	1.49	29.09	8,275.70	1,049.46	583.93	490,177.46	597,299.43	32.347439	-104.152118
8,474.31	0.00	0.01	8,350.00	1,050.30	584.40	490,178.30	597,299.90	32.347441	-104.152116
8,500.00	0.00	0.00	8,375.69	1,050.30	584.40	490,178.30	597,299.90	32.347441	-104.152116
8,600.00	0.00	0.00	8,475.69	1,050.30	584.40	490,178.30	597,299.90	32.347441	-104.152116
8,700.00	0.00	0.00	8,575.69	1,050.30	584.40	490,178.30	597,299.90	32.347441	-104.152116
8,788.35	0.00	0.00	8,664.04	1,050.30	584.40	490,178.30	597,299.90	32.347441	-104.152116
8,800.00	1.17	269.50	8,675.69	1,050.30	584.28	490,178.30	597,299.78	32.347441	-104.152117
8,850.00	6.17	269.50	8,725.57	1,050.27	581.09	490,178.27	597,296.59	32.347441	-104.152127
8,900.00	11.17	269.50	8,774.99	1,050.21	573.56	490,178.21	597,289.06	32.347441	-104.152151
8,943.19	15.48	269.50	8,817.00	1,050.12	563.61	490,178.12	597,279.11	32.347441	-104.152184
3rd Bone Spring Sand									
8,950.00	16.17	269.50	8,823.56	1,050.10	561.75	490,178.10	597,277.25	32.347441	-104.152190
9,000.00	21.17	269.50	8,870.91	1,049.97	545.75	490,177.97	597,261.26	32.347440	-104.152241
9,050.00	26.17	269.50	8,916.69	1,049.79	525.69	490,177.79	597,241.19	32.347440	-104.152306
9,100.00	31.17	269.50	8,960.55	1,049.58	501.71	490,177.59	597,217.22	32.347440	-104.152384
9,150.00	36.17	269.50	9,002.15	1,049.34	474.01	490,177.35	597,189.51	32.347439	-104.152474
9,200.00	41.17	269.50	9,041.18	1,049.07	442.78	490,177.08	597,158.28	32.347438	-104.152575
9,250.00	46.17	269.50	9,077.34	1,048.78	408.27	490,176.78	597,123.77	32.347438	-104.152687
9,300.00	51.17	269.50	9,110.35	1,048.45	370.74	490,176.45	597,086.24	32.347437	-104.152808
9,337.68	54.93	269.50	9,133.00	1,048.19	340.63	490,176.19	597,056.13	32.347436	-104.152906
Wolfcamp Top									
9,350.00	56.17	269.50	9,139.97	1,048.10	330.48	490,176.10	597,045.98	32.347436	-104.152938
9,400.00	61.17	269.50	9,165.96	1,047.73	287.78	490,175.73	597,003.29	32.347435	-104.153077
9,404.26	61.59	269.50	9,168.00	1,047.70	284.05	490,175.70	596,999.55	32.347435	-104.153089
WC_X									
9,450.00	66.17	269.50	9,188.13	1,047.35	242.99	490,175.35	596,958.49	32.347435	-104.153222
9,500.00	71.17	269.50	9,206.32	1,046.94	196.43	490,174.94	596,911.94	32.347434	-104.153373
9,550.00	76.17	269.50	9,220.38	1,046.53	148.47	490,174.53	596,863.97	32.347433	-104.153528
9,586.66	79.83	269.50	9,228.00	1,046.22	112.61	490,174.22	596,828.12	32.347432	-104.153644
WC_Y - Top Target									
9,600.00	81.17	269.50	9,230.20	1,046.10	99.46	490,174.10	596,814.96	32.347432	-104.153687
9,650.00	86.17	269.50	9,235.72	1,045.67	49.78	490,173.67	596,765.29	32.347431	-104.153847
9,688.35	90.00	269.50	9,237.00	1,045.34	11.46	490,173.34	596,726.97	32.347430	-104.153972
Landing Point									
9,700.00	90.00	269.50	9,237.00	1,045.24	-0.19	490,173.24	596,715.32	32.347430	-104.154009
9,800.00	90.00	269.50	9,237.00	1,044.38	-100.18	490,172.38	596,615.32	32.347428	-104.154333
9,900.00	90.00	269.50	9,237.00	1,043.51	-200.18	490,171.51	596,515.32	32.347426	-104.154657
10,000.00	90.00	269.50	9,237.00	1,042.65	-300.18	490,170.65	596,415.33	32.347424	-104.154981
10,100.00	90.00	269.50	9,237.00	1,041.78	-400.17	490,169.78	596,315.33	32.347422	-104.155304
10,200.00	90.00	269.50	9,237.00	1,040.91	-500.17	490,168.92	596,215.34	32.347420	-104.155628
10,300.00	90.00	269.50	9,237.00	1,040.05	-600.16	490,168.05	596,115.34	32.347418	-104.155952
10,400.00	90.00	269.50	9,237.00	1,039.18	-700.16	490,167.18	596,015.34	32.347416	-104.156276
10,500.00	90.00	269.50	9,237.00	1,038.32	-800.16	490,166.32	595,915.35	32.347415	-104.156600
10,600.00	90.00	269.50	9,237.00	1,037.45	-900.15	490,165.45	595,815.35	32.347413	-104.156924
10,700.00	90.00	269.50	9,237.00	1,036.59	-1,000.15	490,164.59	595,715.35	32.347411	-104.157247
10,800.00	90.00	269.50	9,237.00	1,035.72	-1,100.15	490,163.72	595,615.36	32.347409	-104.157571
10,900.00	90.00	269.50	9,237.00	1,034.86	-1,200.14	490,162.86	595,515.36	32.347407	-104.157895
11,000.00	90.00	269.50	9,237.00	1,033.99	-1,300.14	490,161.99	595,415.37	32.347405	-104.158219
11,100.00	90.00	269.50	9,237.00	1,033.13	-1,400.13	490,161.13	595,315.37	32.347403	-104.158543
11,200.00	90.00	269.50	9,237.00	1,032.26	-1,500.13	490,160.26	595,215.37	32.347401	-104.158866
11,300.00	90.00	269.50	9,237.00	1,031.40	-1,600.13	490,159.40	595,115.38	32.347399	-104.159190
11,400.00	90.00	269.50	9,237.00	1,030.53	-1,700.12	490,158.53	595,015.38	32.347397	-104.159514
11,500.00	90.00	269.50	9,237.00	1,029.67	-1,800.12	490,157.67	594,915.38	32.347395	-104.159838
11,600.00	90.00	269.50	9,237.00	1,028.80	-1,900.12	490,156.80	594,815.39	32.347393	-104.160162

WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 401H
Company:	WPX Energy Permian, LLC	TVD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (2120'FSL)_WC Y		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
11,700.00	90.00	269.50	9,237.00	1,027.93	-2,000.11	490,155.94	594,715.39	32.347391	-104.160485	
11,800.00	90.00	269.50	9,237.00	1,027.07	-2,100.11	490,155.07	594,615.40	32.347389	-104.160809	
11,900.00	90.00	269.50	9,237.00	1,026.20	-2,200.10	490,154.20	594,515.40	32.347387	-104.161133	
12,000.00	90.00	269.50	9,237.00	1,025.34	-2,300.10	490,153.34	594,415.40	32.347386	-104.161457	
12,100.00	90.00	269.50	9,237.00	1,024.47	-2,400.10	490,152.47	594,315.41	32.347384	-104.161781	
12,200.00	90.00	269.50	9,237.00	1,023.61	-2,500.09	490,151.61	594,215.41	32.347382	-104.162105	
12,300.00	90.00	269.50	9,237.00	1,022.74	-2,600.09	490,150.74	594,115.41	32.347380	-104.162428	
12,400.00	90.00	269.50	9,237.00	1,021.88	-2,700.09	490,149.88	594,015.42	32.347378	-104.162752	
12,500.00	90.00	269.50	9,237.00	1,021.01	-2,800.08	490,149.01	593,915.42	32.347376	-104.163076	
12,600.00	90.00	269.50	9,237.00	1,020.15	-2,900.08	490,148.15	593,815.43	32.347374	-104.163400	
12,700.00	90.00	269.50	9,237.00	1,019.28	-3,000.07	490,147.28	593,715.43	32.347372	-104.163724	
12,800.00	90.00	269.50	9,237.00	1,018.42	-3,100.07	490,146.42	593,615.43	32.347370	-104.164047	
12,900.00	90.00	269.50	9,237.00	1,017.55	-3,200.07	490,145.55	593,515.44	32.347368	-104.164371	
13,000.00	90.00	269.50	9,237.00	1,016.69	-3,300.06	490,144.69	593,415.44	32.347366	-104.164695	
13,100.00	90.00	269.50	9,237.00	1,015.82	-3,400.06	490,143.82	593,315.44	32.347364	-104.165019	
13,200.00	90.00	269.50	9,237.00	1,014.95	-3,500.06	490,142.96	593,215.45	32.347362	-104.165343	
13,300.00	90.00	269.50	9,237.00	1,014.09	-3,600.05	490,142.09	593,115.45	32.347360	-104.165666	
13,400.00	90.00	269.50	9,237.00	1,013.22	-3,700.05	490,141.23	593,015.46	32.347358	-104.165990	
13,500.00	90.00	269.50	9,237.00	1,012.36	-3,800.04	490,140.36	592,915.46	32.347356	-104.166314	
13,600.00	90.00	269.50	9,237.00	1,011.49	-3,900.04	490,139.49	592,815.46	32.347354	-104.166638	
13,700.00	90.00	269.50	9,237.00	1,010.63	-4,000.04	490,138.63	592,715.47	32.347352	-104.166962	
13,800.00	90.00	269.50	9,237.00	1,009.76	-4,100.03	490,137.76	592,615.47	32.347351	-104.167285	
13,900.00	90.00	269.50	9,237.00	1,008.90	-4,200.03	490,136.90	592,515.47	32.347349	-104.167609	
14,000.00	90.00	269.50	9,237.00	1,008.03	-4,300.03	490,136.03	592,415.48	32.347347	-104.167933	
14,100.00	90.00	269.50	9,237.00	1,007.17	-4,400.02	490,135.17	592,315.48	32.347345	-104.168257	
14,200.00	90.00	269.50	9,237.00	1,006.30	-4,500.02	490,134.30	592,215.49	32.347343	-104.168581	
14,300.00	90.00	269.50	9,237.00	1,005.44	-4,600.01	490,133.44	592,115.49	32.347341	-104.168905	
14,400.00	90.00	269.50	9,237.00	1,004.57	-4,700.01	490,132.57	592,015.49	32.347339	-104.169228	
14,500.00	90.00	269.50	9,237.00	1,003.71	-4,800.01	490,131.71	591,915.50	32.347337	-104.169552	
14,600.00	90.00	269.50	9,237.00	1,002.84	-4,900.00	490,130.84	591,815.50	32.347335	-104.169876	
14,700.00	90.00	269.50	9,237.00	1,001.97	-5,000.00	490,129.98	591,715.50	32.347333	-104.170200	
14,800.00	90.00	269.50	9,237.00	1,001.11	-5,100.00	490,129.11	591,615.51	32.347331	-104.170524	
14,900.00	90.00	269.50	9,237.00	1,000.24	-5,199.99	490,128.25	591,515.51	32.347329	-104.170847	
15,000.00	90.00	269.50	9,237.00	999.38	-5,299.99	490,127.38	591,415.52	32.347327	-104.171171	
15,100.00	90.00	269.50	9,237.00	998.51	-5,399.98	490,126.51	591,315.52	32.347325	-104.171495	
15,200.00	90.00	269.50	9,237.00	997.65	-5,499.98	490,125.65	591,215.52	32.347323	-104.171819	
15,300.00	90.00	269.50	9,237.00	996.78	-5,599.98	490,124.78	591,115.53	32.347321	-104.172143	
15,400.00	90.00	269.50	9,237.00	995.92	-5,699.97	490,123.92	591,015.53	32.347319	-104.172466	
15,500.00	90.00	269.50	9,237.00	995.05	-5,799.97	490,123.05	590,915.53	32.347317	-104.172790	
15,600.00	90.00	269.50	9,237.00	994.19	-5,899.97	490,122.19	590,815.54	32.347315	-104.173114	
15,700.00	90.00	269.50	9,237.00	993.32	-5,999.96	490,121.32	590,715.54	32.347313	-104.173438	
15,800.00	90.00	269.50	9,237.00	992.46	-6,099.96	490,120.46	590,615.55	32.347311	-104.173762	
15,900.00	90.00	269.50	9,237.00	991.59	-6,199.95	490,119.59	590,515.55	32.347309	-104.174086	
16,000.00	90.00	269.50	9,237.00	990.73	-6,299.95	490,118.73	590,415.55	32.347307	-104.174409	
16,100.00	90.00	269.50	9,237.00	989.86	-6,399.95	490,117.86	590,315.56	32.347305	-104.174733	
16,200.00	90.00	269.50	9,237.00	988.99	-6,499.94	490,117.00	590,215.56	32.347303	-104.175057	
16,300.00	90.00	269.50	9,237.00	988.13	-6,599.94	490,116.13	590,115.56	32.347301	-104.175381	
16,400.00	90.00	269.50	9,237.00	987.26	-6,699.94	490,115.27	590,015.57	32.347299	-104.175705	
16,500.00	90.00	269.50	9,237.00	986.40	-6,799.93	490,114.40	589,915.57	32.347298	-104.176028	
16,600.00	90.00	269.50	9,237.00	985.53	-6,899.93	490,113.53	589,815.57	32.347296	-104.176352	
16,700.00	90.00	269.50	9,237.00	984.67	-6,999.92	490,112.67	589,715.58	32.347294	-104.176676	
16,800.00	90.00	269.50	9,237.00	983.80	-7,099.92	490,111.80	589,615.58	32.347292	-104.177000	
16,900.00	90.00	269.50	9,237.00	982.94	-7,199.92	490,110.94	589,515.59	32.347290	-104.177324	
17,000.00	90.00	269.50	9,237.00	982.07	-7,299.91	490,110.07	589,415.59	32.347288	-104.177647	
17,100.00	90.00	269.50	9,237.00	981.21	-7,399.91	490,109.21	589,315.59	32.347286	-104.177971	

WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 401H
Company:	WPX Energy Permian, LLC	TVD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (2120'FSL)_WC Y		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
17,200.00	90.00	269.50	9,237.00	980.34	-7,499.91	490,108.34	589,215.60	32.347284	-104.178295	
17,300.00	90.00	269.50	9,237.00	979.48	-7,599.90	490,107.48	589,115.60	32.347282	-104.178619	
17,400.00	90.00	269.50	9,237.00	978.61	-7,699.90	490,106.61	589,015.60	32.347280	-104.178943	
17,500.00	90.00	269.50	9,237.00	977.75	-7,799.89	490,105.75	588,915.61	32.347278	-104.179266	
17,600.00	90.00	269.50	9,237.00	976.88	-7,899.89	490,104.88	588,815.61	32.347276	-104.179590	
17,700.00	90.00	269.50	9,237.00	976.01	-7,999.89	490,104.02	588,715.62	32.347274	-104.179914	
17,800.00	90.00	269.50	9,237.00	975.15	-8,099.88	490,103.15	588,615.62	32.347272	-104.180238	
17,900.00	90.00	269.50	9,237.00	974.28	-8,199.88	490,102.29	588,515.62	32.347270	-104.180562	
18,000.00	90.00	269.50	9,237.00	973.42	-8,299.88	490,101.42	588,415.63	32.347268	-104.180886	
18,100.00	90.00	269.50	9,237.00	972.55	-8,399.87	490,100.55	588,315.63	32.347266	-104.181209	
18,200.00	90.00	269.50	9,237.00	971.69	-8,499.87	490,099.69	588,215.63	32.347264	-104.181533	
18,300.00	90.00	269.50	9,237.00	970.82	-8,599.86	490,098.82	588,115.64	32.347262	-104.181857	
18,400.00	90.00	269.50	9,237.00	969.96	-8,699.86	490,097.96	588,015.64	32.347260	-104.182181	
18,500.00	90.00	269.50	9,237.00	969.09	-8,799.86	490,097.09	587,915.65	32.347258	-104.182505	
18,600.00	90.00	269.50	9,237.00	968.23	-8,899.85	490,096.23	587,815.65	32.347256	-104.182828	
18,700.00	90.00	269.50	9,237.00	967.36	-8,999.85	490,095.36	587,715.65	32.347254	-104.183152	
18,800.00	90.00	269.50	9,237.00	966.50	-9,099.85	490,094.50	587,615.66	32.347252	-104.183476	
18,900.00	90.00	269.50	9,237.00	965.63	-9,199.84	490,093.63	587,515.66	32.347250	-104.183800	
19,000.00	90.00	269.50	9,237.00	964.77	-9,299.84	490,092.77	587,415.66	32.347248	-104.184124	
19,100.00	90.00	269.50	9,237.00	963.90	-9,399.83	490,091.90	587,315.67	32.347246	-104.184447	
19,200.00	90.00	269.50	9,237.00	963.04	-9,499.83	490,091.04	587,215.67	32.347244	-104.184771	
19,300.00	90.00	269.50	9,237.00	962.17	-9,599.83	490,090.17	587,115.68	32.347242	-104.185095	
19,400.00	90.00	269.50	9,237.00	961.30	-9,699.82	490,089.31	587,015.68	32.347240	-104.185419	
19,500.00	90.00	269.50	9,237.00	960.44	-9,799.82	490,088.44	586,915.68	32.347238	-104.185743	
19,539.18	90.00	269.50	9,237.00	960.10	-9,839.00	490,088.10	586,876.50	32.347237	-104.185870	
19,589.28	90.00	269.50	9,237.00	959.67	-9,889.10	490,087.67	586,826.40	32.347236	-104.186032	

Design Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (bearing)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
LTP (401H)_100'FWL, 2 - plan hits target center - Point	0.00	0.01	9,237.00	960.10	-9,839.00	490,088.10	586,876.50	32.347237	-104.185870	
BHL (401H)_50'FWL, 21 - plan misses target center by 0.07usft at 19589.28usft MD (9237.00 TVD, 959.67 N, -9889.10 E) - Point	0.00	0.01	9,237.00	959.60	-9,889.10	490,087.60	586,826.40	32.347236	-104.186032	
FTP (401H)_330'FEL, 2 - plan misses target center by 70.51usft at 9416.46usft MD (9173.69 TVD, 1047.61 N, 273.26 E) - Point	0.00	0.01	9,237.00	1,047.90	304.30	490,175.90	597,019.80	32.347436	-104.153023	
KOP (401H)_50'FEL, 21 - plan misses target center by 237.42usft at 9243.88usft MD (9073.08 TVD, 1048.81 N, 412.66 E) - Point	0.00	0.01	9,237.00	1,050.30	584.40	490,178.30	597,299.90	32.347441	-104.152116	

WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 No. 401H
Company:	WPX Energy Permian, LLC	TVD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Project:	Eddy NM	MD Reference:	G:L3085+28ft @ 3113.00usft (Pat. 803)
Site:	Beagle 35-34-22-27 Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (2120'FSL)_WC Y		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (bearing)	
320.00	320.00	Salado				
713.00	713.00	Castile				
2,343.06	2,343.00	Bell Canyon (Base of Salt)				
3,263.94	3,249.00	Cherry Canyon				
4,251.43	4,214.00	Brushy Canyon				
5,822.20	5,749.00	Bone Spring				
6,238.69	6,156.00	Avalon				
6,904.86	6,807.00	1st Bone Spring Sand				
7,138.17	7,035.00	2nd Bone Spring Lime				
7,598.66	7,485.00	2nd Bone Spring Sand				
7,761.36	7,644.00	3rd Bone Spring Lime				
8,943.19	8,817.00	3rd Bone Spring Sand				
9,337.68	9,133.00	Wolfcamp Top				
9,404.26	9,168.00	WC_X				
9,586.66	9,228.00	WC_Y				
9,586.66	9,228.00	Top Target				
9,688.35	9,237.00	Landing Point				