

WPX Energy

Eddy County, New Mexico (NAD 83)

Beagle 35-34-22-27 Fee Pad

Beagle 35-34-22-27 Fee 401H

API: ???

Wellbore #1

NM OIL CONSERVATION
ARTESIA DISTRICT

FEB 06 2019

RECEIVED

30.015-45682

Plan: Plan #1 PH

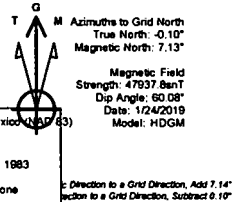
Standard Planning Report

28 January, 2019



www.scientificdrilling.com

Beagle 35-34-22-27 Fee 401H
Eddy County, New Mexico (NAD 83)
Northing: 490402.60
Easting: 597756.90
Plan #1 PH



GL 3079 + 28 = @ 3105.00usft (HP 265)



WELL DETAILS Beagle 35-34-22-27 Fee 401H						
Ground Level: 3079.00						
+N-S	+E-W	Northing	Easting	Latitude	Longitude	
0.00	0.00	490402.60	597756.90	32.348055	-104.150635	

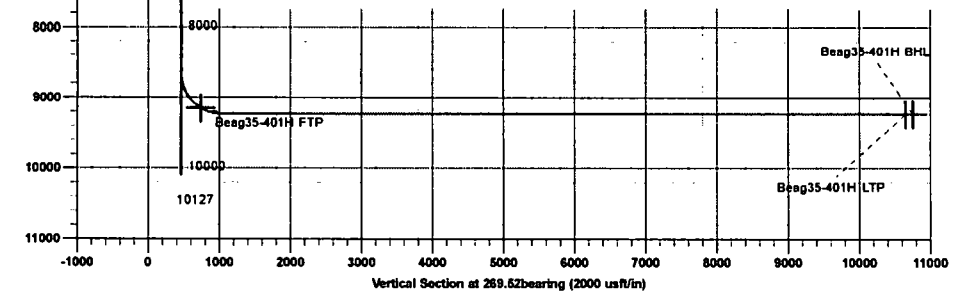
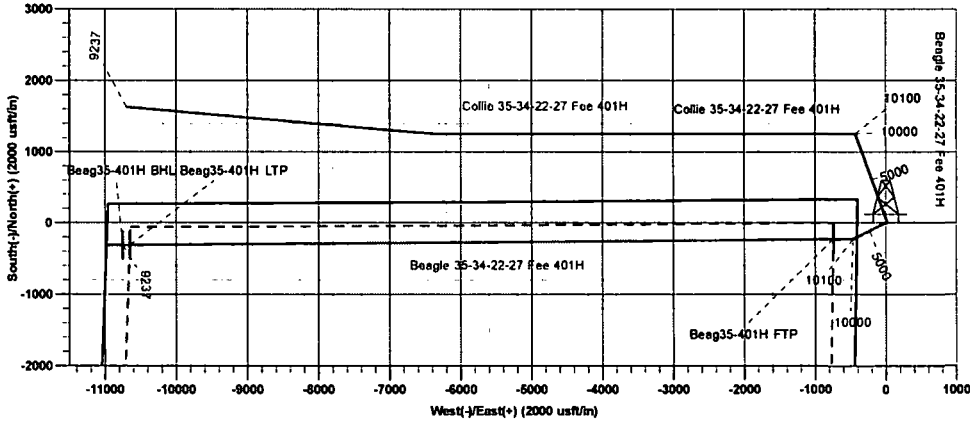
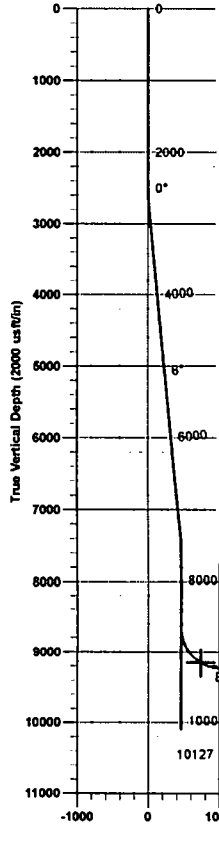
SITE DETAILS: Beagle 35-34-22-27 Fee 401H	
Site Centre Northing:	490402.60
Site Centre Easting:	597756.90
Positional Uncertainty:	0.00
Convergence:	0.10
Local North:	Grid

PROJECT DETAILS: Eddy County, New Mexico (NAD 83)	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	New Mexico Eastern Zone
System Datum:	Mean Sea Level

SECTION DETAILS								
MD	Inc	Azi	TVD	+N-S	+E-W	Diag	TFace	VSeal
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00	0.00
2806.35	6.13	243.70	2806.77	-7.25	-14.67	2.00	243.70	14.73
7320.60	6.13	243.70	7294.23	-220.70	-446.63	0.00	0.00	446.46
7828.95	0.00	0.00	7800.00	-227.95	-461.30	2.00	180.00	463.19
10126.95	0.00	0.00	10100.00	-227.95	-461.30	0.00	0.00	463.19

DESIGN TARGET DETAILS			
Name	TVD	+N-S	+E-W
Beag35-401H FTP	9154.00	-226.70	-737.10
Beag35-401H BHL	9237.00	-313.40	-10750.30
Beag35-401H LTP	9237.00	-312.50	-10650.20

CASING DETAILS
No casing data is available



FORMATION TOP DETAILS	
TVDPath	Formation
383.00	Salado
635.00	Castile
2340.00	Cherry Canyon (Base of Salt)
3248.00	Cherry Canyon
4228.00	Brushy Canyon
5741.00	Bone Spring
6131.00	Avellan
6768.00	1st Bone Spring Sand
7006.00	2nd Bone Spring Lime
7473.00	2nd Bone Spring Sand
7635.00	3rd Bone Spring Lime
8816.00	3rd Bone Spring Sand
9115.00	Wolfcamp Top
9142.00	WC_X
9218.00	WC_Y
9228.00	Top Target
9237.00	Landing Point
9243.00	Base Target
9254.00	Wolfcamp A

14:08 PM, May 26, 2019
Scientific Drilling
325 S. Fairview Rd.
Odessa, TX 79765

Scientific Drilling, Intl

Planning Report

Database:	Midland District	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 Fee 401H
Company:	WPX Energy	TVD Reference:	GL 3079 + 26 = @ 3105.00usft (HP 265)
Project:	Eddy County, New Mexico (NAD 83)	MD Reference:	GL 3079 + 26 = @ 3105.00usft (HP 265)
Site:	Beagle 35-34-22-27 Fee Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 Fee 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 PH		

Project	Eddy County, New Mexico (NAD 83)		
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 Fee Pad				
Site Position:		Northing:	490,402.60 usft	Latitude:	32.348056
From:	Map	Easting:	597,756.90 usft	Longitude:	-104.150635
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.10 °

Well	Beagle 35-34-22-27 Fee 401H					
Well Position	+N/-S	0.00 usft	Northing:	490,402.60 usft	Latitude:	32.348056
	+E/-W	0.00 usft	Easting:	597,756.90 usft	Longitude:	-104.150635
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	3,079.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	1/24/2019	7.23	60.08	47,938

Design	Plan #1 PH			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(bearing)
	0.00	0.00	0.00	269.52

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	
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,806.35	6.13	243.70	2,805.77	-7.25	-14.67	2.00	2.00	0.00	243.70	
7,320.60	6.13	243.70	7,294.23	-220.70	-446.63	0.00	0.00	0.00	0.00	
7,626.95	0.00	0.00	7,600.00	-227.95	-461.30	2.00	-2.00	0.00	180.00	
10,126.95	0.00	0.00	10,100.00	-227.95	-461.30	0.00	0.00	0.00	0.00	

Scientific Drilling, Intl

Planning Report

Database: Midland District
 Company: WPX Energy
 Project: Eddy County, New Mexico (NAD 83)
 Site: Beagle 35-34-22-27 Fee Pad
 Well: Beagle 35-34-22-27 Fee 401H
 Wellbore: Wellbore #1
 Design: Plan #1 PH

Local Co-ordinate Reference: Well Beagle 35-34-22-27 Fee 401H
 TVD Reference: GL 3079 + 26 = @ 3105.00usft (HP 265)
 MD Reference: GL 3079 + 26 = @ 3105.00usft (HP 265)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-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
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
383.00	0.00	0.00	383.00	0.00	0.00	0.00	0.00	0.00	0.00
Salado									
400.00	0.00	0.00	400.00	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
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
835.00	0.00	0.00	835.00	0.00	0.00	0.00	0.00	0.00	0.00
Castile									
900.00	0.00	0.00	900.00	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
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	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
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,340.00	0.00	0.00	2,340.00	0.00	0.00	0.00	0.00	0.00	0.00
Bell Canyon (Base of Salt)									
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	2.00	243.70	2,599.98	-0.77	-1.56	1.57	2.00	2.00	0.00
2,700.00	4.00	243.70	2,699.84	-3.09	-6.26	6.28	2.00	2.00	0.00
2,806.35	6.13	243.70	2,805.77	-7.25	-14.67	14.73	2.00	2.00	0.00
2,900.00	6.13	243.70	2,898.88	-11.68	-23.63	23.73	0.00	0.00	0.00
3,000.00	6.13	243.70	2,998.31	-16.41	-33.20	33.34	0.00	0.00	0.00
3,100.00	6.13	243.70	3,097.74	-21.13	-42.77	42.95	0.00	0.00	0.00
3,200.00	6.13	243.70	3,197.17	-25.86	-52.34	52.55	0.00	0.00	0.00
3,249.11	6.13	243.70	3,246.00	-28.19	-57.04	57.27	0.00	0.00	0.00
Cherry Canyon									
3,300.00	6.13	243.70	3,296.60	-30.59	-61.91	62.16	0.00	0.00	0.00
3,400.00	6.13	243.70	3,396.03	-35.32	-71.48	71.77	0.00	0.00	0.00
3,500.00	6.13	243.70	3,495.45	-40.05	-81.04	81.38	0.00	0.00	0.00
3,600.00	6.13	243.70	3,594.88	-44.78	-90.61	90.99	0.00	0.00	0.00
3,700.00	6.13	243.70	3,694.31	-49.50	-100.18	100.59	0.00	0.00	0.00
3,800.00	6.13	243.70	3,793.74	-54.23	-109.75	110.20	0.00	0.00	0.00
3,900.00	6.13	243.70	3,893.17	-58.96	-119.32	119.81	0.00	0.00	0.00
4,000.00	6.13	243.70	3,992.60	-63.69	-128.89	129.42	0.00	0.00	0.00
4,100.00	6.13	243.70	4,092.03	-68.42	-138.46	139.03	0.00	0.00	0.00
4,200.00	6.13	243.70	4,191.46	-73.15	-148.03	148.63	0.00	0.00	0.00
4,237.76	6.13	243.70	4,229.00	-74.93	-151.64	152.26	0.00	0.00	0.00
Brushy Canyon									
4,300.00	6.13	243.70	4,290.88	-77.87	-157.59	158.24	0.00	0.00	0.00

Scientific Drilling, Intl

Planning Report

Database: Midland District
 Company: WPX Energy
 Project: Eddy County, New Mexico (NAD 83)
 Site: Beagle 35-34-22-27 Fee Pad
 Well: Beagle 35-34-22-27 Fee 401H
 Wellbore: Wellbore #1
 Design: Plan #1 PH

Local Co-ordinate Reference: Well Beagle 35-34-22-27 Fee 401H
 TVD Reference: GL 3079 + 26 = @ 3105.00usft (HP 265)
 MD Reference: GL 3079 + 26 = @ 3105.00usft (HP 265)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,400.00	6.13	243.70	4,390.31	-82.60	-167.16	167.85	0.00	0.00	0.00
4,500.00	6.13	243.70	4,489.74	-87.33	-176.73	177.46	0.00	0.00	0.00
4,600.00	6.13	243.70	4,589.17	-92.06	-186.30	187.07	0.00	0.00	0.00
4,700.00	6.13	243.70	4,688.60	-96.79	-195.87	196.67	0.00	0.00	0.00
4,800.00	6.13	243.70	4,788.03	-101.52	-205.44	206.28	0.00	0.00	0.00
4,900.00	6.13	243.70	4,887.46	-106.25	-215.01	215.89	0.00	0.00	0.00
5,000.00	6.13	243.70	4,986.89	-110.97	-224.58	225.50	0.00	0.00	0.00
5,100.00	6.13	243.70	5,086.31	-115.70	-234.14	235.11	0.00	0.00	0.00
5,200.00	6.13	243.70	5,185.74	-120.43	-243.71	244.71	0.00	0.00	0.00
5,300.00	6.13	243.70	5,285.17	-125.16	-253.28	254.32	0.00	0.00	0.00
5,400.00	6.13	243.70	5,384.60	-129.89	-262.85	263.93	0.00	0.00	0.00
5,500.00	6.13	243.70	5,484.03	-134.62	-272.42	273.54	0.00	0.00	0.00
5,600.00	6.13	243.70	5,583.46	-139.34	-281.99	283.15	0.00	0.00	0.00
5,700.00	6.13	243.70	5,682.89	-144.07	-291.56	292.75	0.00	0.00	0.00
5,758.45	6.13	243.70	5,741.00	-146.84	-297.15	298.37	0.00	0.00	0.00
Bone Spring									
5,800.00	6.13	243.70	5,782.32	-148.80	-301.13	302.36	0.00	0.00	0.00
5,900.00	6.13	243.70	5,881.74	-153.53	-310.69	311.97	0.00	0.00	0.00
6,000.00	6.13	243.70	5,981.17	-158.26	-320.26	321.58	0.00	0.00	0.00
6,100.00	6.13	243.70	6,080.60	-162.99	-329.83	331.19	0.00	0.00	0.00
6,150.69	6.13	243.70	6,131.00	-165.38	-334.68	336.06	0.00	0.00	0.00
Avalon									
6,200.00	6.13	243.70	6,180.03	-167.71	-339.40	340.79	0.00	0.00	0.00
6,300.00	6.13	243.70	6,279.46	-172.44	-348.97	350.40	0.00	0.00	0.00
6,400.00	6.13	243.70	6,378.89	-177.17	-358.54	360.01	0.00	0.00	0.00
6,500.00	6.13	243.70	6,478.32	-181.90	-368.11	369.62	0.00	0.00	0.00
6,600.00	6.13	243.70	6,577.75	-186.63	-377.68	379.23	0.00	0.00	0.00
6,700.00	6.13	243.70	6,677.18	-191.36	-387.25	388.83	0.00	0.00	0.00
6,789.34	6.13	243.70	6,766.00	-195.58	-395.79	397.42	0.00	0.00	0.00
1st Bone Spring Sand									
6,800.00	6.13	243.70	6,776.60	-196.08	-396.81	398.44	0.00	0.00	0.00
6,900.00	6.13	243.70	6,876.03	-200.81	-406.38	408.05	0.00	0.00	0.00
7,000.00	6.13	243.70	6,975.46	-205.54	-415.95	417.66	0.00	0.00	0.00
7,030.71	6.13	243.70	7,006.00	-206.99	-418.89	420.61	0.00	0.00	0.00
2nd Bone Spring Lime									
7,100.00	6.13	243.70	7,074.89	-210.27	-425.52	427.27	0.00	0.00	0.00
7,200.00	6.13	243.70	7,174.32	-215.00	-435.09	436.87	0.00	0.00	0.00
7,300.00	6.13	243.70	7,273.75	-219.73	-444.66	446.48	0.00	0.00	0.00
7,320.60	6.13	243.70	7,294.23	-220.70	-446.63	448.46	0.00	0.00	0.00
7,400.00	4.54	243.70	7,373.28	-223.97	-453.24	455.11	2.00	-2.00	0.00
7,499.91	2.54	243.70	7,473.00	-226.70	-458.78	460.66	2.00	-2.00	0.00
2nd Bone Spring Sand									
7,500.00	2.54	243.70	7,473.09	-226.70	-458.78	460.66	2.00	-2.00	0.00
7,600.00	0.54	243.70	7,573.05	-227.89	-461.19	463.08	2.00	-2.00	0.00
7,626.95	0.00	0.00	7,600.00	-227.95	-461.30	463.19	2.00	-2.00	0.00
7,661.95	0.00	0.00	7,635.00	-227.95	-461.30	463.19	0.00	0.00	0.00
3rd Bone Spring Lime									
7,700.00	0.00	0.00	7,673.05	-227.95	-461.30	463.19	0.00	0.00	0.00
7,800.00	0.00	0.00	7,773.05	-227.95	-461.30	463.19	0.00	0.00	0.00
7,900.00	0.00	0.00	7,873.05	-227.95	-461.30	463.19	0.00	0.00	0.00
8,000.00	0.00	0.00	7,973.05	-227.95	-461.30	463.19	0.00	0.00	0.00
8,100.00	0.00	0.00	8,073.05	-227.95	-461.30	463.19	0.00	0.00	0.00
8,200.00	0.00	0.00	8,173.05	-227.95	-461.30	463.19	0.00	0.00	0.00

Scientific Drilling, Intl Planning Report

Database: Midland District
Company: WPX Energy
Project: Eddy County, New Mexico (NAD 83)
Site: Beagle 35-34-22-27 Fee Pad
Well: Beagle 35-34-22-27 Fee 401H
Wellbore: Wellbore #1
Design: Plan #1 PH

Local Co-ordinate Reference: Well Beagle 35-34-22-27 Fee 401H
TVD Reference: GL 3079 + 26 = @ 3105.00usft (HP 265)
MD Reference: GL 3079 + 26 = @ 3105.00usft (HP 265)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (bearing)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,300.00	0.00	0.00	8,273.05	-227.95	-461.30	463.19	0.00	0.00	0.00
8,400.00	0.00	0.00	8,373.05	-227.95	-461.30	463.19	0.00	0.00	0.00
8,500.00	0.00	0.00	8,473.05	-227.95	-461.30	463.19	0.00	0.00	0.00
8,600.00	0.00	0.00	8,573.05	-227.95	-461.30	463.19	0.00	0.00	0.00
8,700.00	0.00	0.00	8,673.05	-227.95	-461.30	463.19	0.00	0.00	0.00
8,800.00	0.00	0.00	8,773.05	-227.95	-461.30	463.19	0.00	0.00	0.00
8,842.95	0.00	0.00	8,816.00	-227.95	-461.30	463.19	0.00	0.00	0.00
3rd Bone Spring Sand									
8,900.00	0.00	0.00	8,873.05	-227.95	-461.30	463.19	0.00	0.00	0.00
9,000.00	0.00	0.00	8,973.05	-227.95	-461.30	463.19	0.00	0.00	0.00
9,100.00	0.00	0.00	9,073.05	-227.95	-461.30	463.19	0.00	0.00	0.00
9,141.95	0.00	0.00	9,115.00	-227.95	-461.30	463.19	0.00	0.00	0.00
Wolfcamp Top									
9,168.95	0.00	0.00	9,142.00	-227.95	-461.30	463.19	0.00	0.00	0.00
WC_X									
9,180.95	0.00	0.00	9,154.00	-227.95	-461.30	463.19	0.00	0.00	0.00
Beag35-401H FTP									
9,200.00	0.00	0.00	9,173.05	-227.95	-461.30	463.19	0.00	0.00	0.00
9,244.95	0.00	0.00	9,218.00	-227.95	-461.30	463.19	0.00	0.00	0.00
WC_Y									
9,254.95	0.00	0.00	9,228.00	-227.95	-461.30	463.19	0.00	0.00	0.00
Top Target									
9,263.95	0.00	0.00	9,237.00	-227.95	-461.30	463.19	0.00	0.00	0.00
Landing Point - Beag35-401H LTP - Beag35-401H BHL									
9,269.95	0.00	0.00	9,243.00	-227.95	-461.30	463.19	0.00	0.00	0.00
Base Target									
9,280.95	0.00	0.00	9,254.00	-227.95	-461.30	463.19	0.00	0.00	0.00
Wolfcamp A									
9,300.00	0.00	0.00	9,273.05	-227.95	-461.30	463.19	0.00	0.00	0.00
9,400.00	0.00	0.00	9,373.05	-227.95	-461.30	463.19	0.00	0.00	0.00
9,500.00	0.00	0.00	9,473.05	-227.95	-461.30	463.19	0.00	0.00	0.00
9,600.00	0.00	0.00	9,573.05	-227.95	-461.30	463.19	0.00	0.00	0.00
9,700.00	0.00	0.00	9,673.05	-227.95	-461.30	463.19	0.00	0.00	0.00
9,800.00	0.00	0.00	9,773.05	-227.95	-461.30	463.19	0.00	0.00	0.00
9,900.00	0.00	0.00	9,873.05	-227.95	-461.30	463.19	0.00	0.00	0.00
10,000.00	0.00	0.00	9,973.05	-227.95	-461.30	463.19	0.00	0.00	0.00
10,100.00	0.00	0.00	10,073.05	-227.95	-461.30	463.19	0.00	0.00	0.00
10,126.95	0.00	0.00	10,100.00	-227.95	-461.30	463.19	0.00	0.00	0.00

Scientific Drilling, Intl

Planning Report

Database:	Midland District	Local Co-ordinate Reference:	Well Beagle 35-34-22-27 Fee 401H
Company:	WPX Energy	TVD Reference:	GL 3079 + 26 = @ 3105.00usft (HP 265)
Project:	Eddy County, New Mexico (NAD 83)	MD Reference:	GL 3079 + 26 = @ 3105.00usft (HP 265)
Site:	Beagle 35-34-22-27 Fee Pad	North Reference:	Grid
Well:	Beagle 35-34-22-27 Fee 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 PH		

Design Targets

Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(bearing)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
Beag35-401H FTP	0.00	0.00	9,154.00	-226.70	-737.10	490,175.90	597,019.80	32.347436	-104.153023
- plan misses target center by 275.80usft at 9180.95usft MD (9154.00 TVD, -227.95 N, -461.30 E)									
- Point									
Beag35-401H LTP	0.00	0.00	9,237.00	-312.50	-10,650.20	490,090.10	587,106.70	32.347242	-104.185124
- plan misses target center by 10189.25usft at 9263.95usft MD (9237.00 TVD, -227.95 N, -461.30 E)									
- Point									
Beag35-401H BHL	0.00	0.00	9,237.00	-313.40	-10,750.30	490,089.20	587,006.60	32.347240	-104.185448
- plan misses target center by 10289.35usft at 9263.95usft MD (9237.00 TVD, -227.95 N, -461.30 E)									
- Point									

Formations

Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction
(usft)	(usft)			(°)	(bearing)
383.00	383.00	Salado			
835.00	835.00	Castile			
2,340.00	2,340.00	Bell Canyon (Base of Salt)			
3,249.11	3,246.00	Cherry Canyon			
4,237.76	4,229.00	Brushy Canyon			
5,758.45	5,741.00	Bone Spring			
6,150.69	6,131.00	Avalon			
6,789.34	6,766.00	1st Bone Spring Sand			
7,030.71	7,006.00	2nd Bone Spring Lime			
7,499.91	7,473.00	2nd Bone Spring Sand			
7,661.95	7,635.00	3rd Bone Spring Lime			
8,842.95	8,816.00	3rd Bone Spring Sand			
9,141.95	9,115.00	Wolfcamp Top			
9,168.95	9,142.00	WC_X			
9,244.95	9,218.00	WC_Y			
9,254.95	9,228.00	Top Target			
9,263.95	9,237.00	Landing Point			
9,269.95	9,243.00	Base Target			
9,280.95	9,254.00	Wolfcamp A			