

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

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

EMNRD-OCD ARTESIA Form C-103
REC'D: 8/06/2020 Revised July 18, 2013

WELL API NO. 30-015-45643	
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Collie 35-34-22-27 Fee	
8. Well Number 401H	
9. OGRID Number 246289	
10. Pool name or Wildcat Purple Sage Wolfcamp Gas Pool	
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 : 2,338 feet from the South line and 427 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 7/29/2020.
New SHL: Unit A, Sec 35, 22S, 27E, 1,371' FNL, 329' FEL
New LTP: 2370' FNL, 100' FWL of Sec 34
New BHL: 2370' FNL, 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 Dana Thompson TITLE Regulatory Tech DATE 08-06-2020

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

For State Use Only

APPROVED BY: Raymond W. Duda TITLE Geologist DATE 8/7/2020

Conditions of Approval (if any):

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazon Road, Artec, NM 87410
District IV
1220 S. St Francis Dr., NM 87505
Phone: (505) 476-3460 Fax (505) 476-3462

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

Form C-102

Revised February 10, 2020

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-45643	² Pool Code 98220	³ Pool Name PURPLE SAGE WOLFCAMP GAS POOL
⁴ Property Code 324865	⁵ Property Name COLLIE 35-34-22-27 FEE	⁶ Well Number #401H
⁷ OGRID No. 246289	⁸ Operator Name WPX ENERGY PERMIAN, LLC	⁹ Elevation 3078.2'

¹⁰ Surface Location

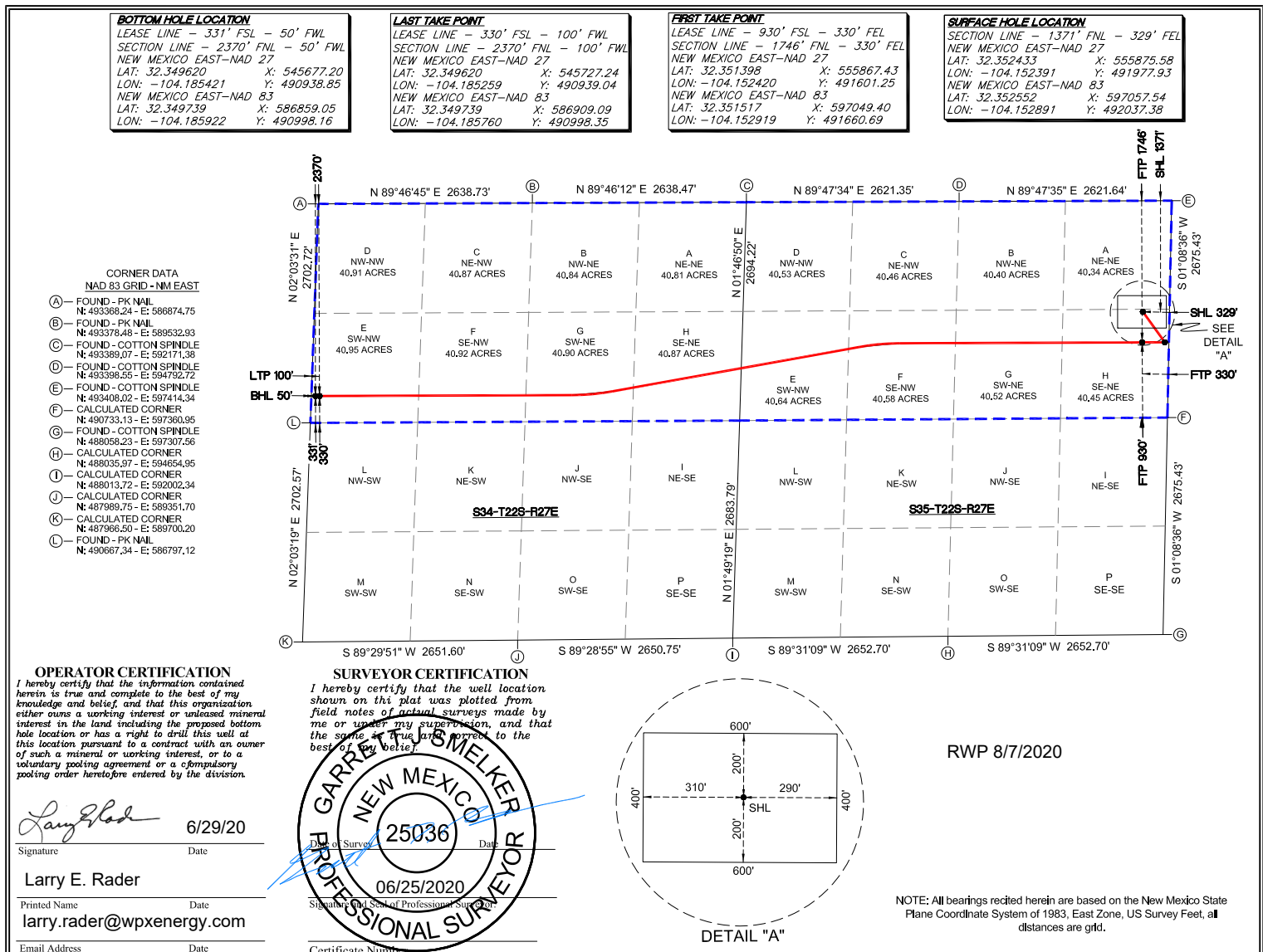
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	35	22 S	27 E		1371'	NORTH	329'	EAST	EDDY

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
E	34	22 S	27 E		2370'	NORTH	50'	WEST	EDDY

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

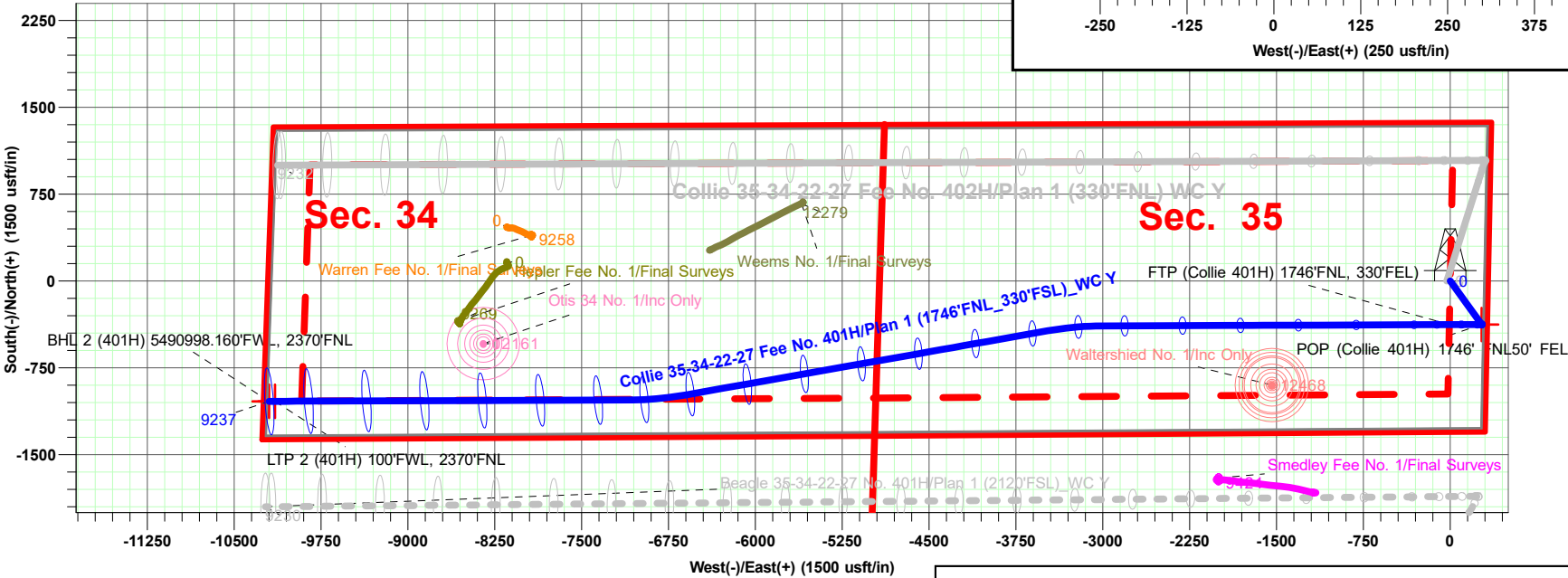
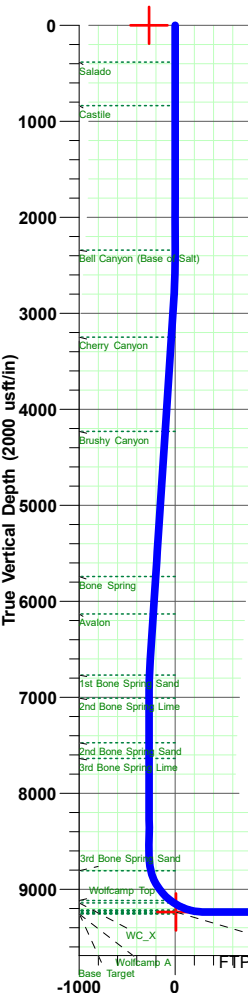
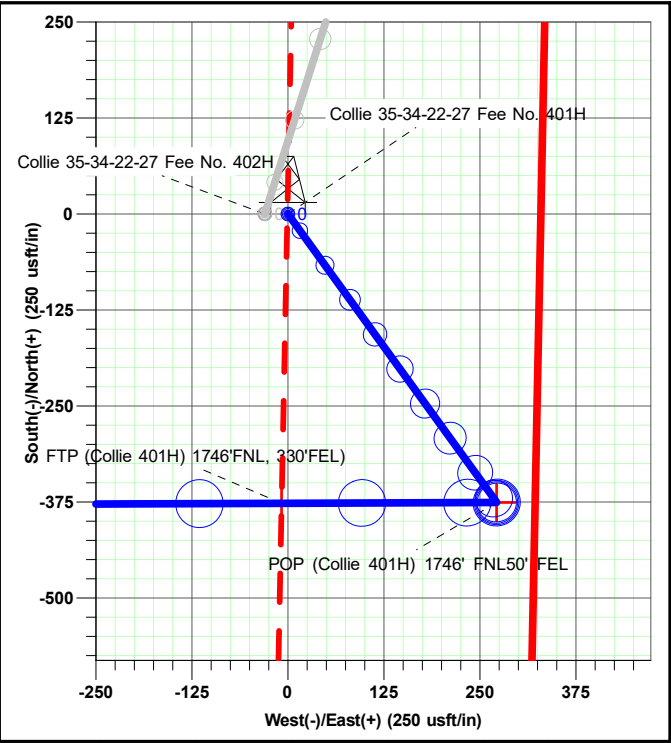


GL:3078'+28ft @ 3106.00usft
Ground Level 3078.00

SECTION DETAILS
Collie 35-34-22-27 Fee 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
2500.00	0.00	0.00	2500.00	0.00	0.00	0.00	0.00
2819.14	6.38	144.09	2818.48	-14.38	10.41	2.00	-10.36
6671.06	6.38	144.09	6646.52	-361.23	261.56	0.00	-260.17
6990.20	0.00	0.00	6965.00	-375.61	271.97	2.00	-270.53
8689.24	0.00	0.00	8664.04	-375.61	271.97	0.00	-270.53
9589.24	90.00	269.78	9237.00	-377.78	-300.98	10.00	302.43
12288.27	90.00	269.78	9237.00	-388.00	-3000.00	0.00	3001.47
12780.36	90.00	259.94	9237.00	-432.01	-3489.51	2.00	3491.14
15936.52	90.00	259.94	9237.00	-983.26	-6597.16	0.00	6600.88
16428.46	90.00	269.78	9237.00	-1027.27	-7086.51	2.00	7090.41
19540.46	90.00	269.78	9237.00	-1039.22	-10198.49	0.00	10202.41

Collie 35-34-22-27 Fee No. 401H
Eddy NM
Northing: 492037.38
Easting: 597057.54
Lat: 32.352552
Long: -104.152891
Plan 1 (1746'FNL_330'FSL)_WC Y



ANNOTATIONS

MD	Annotation
12289.59	T1 Y 491649.32, X 594057.50
12789.54	T2 Y 491603.92, X 593560.26
15880.64	T3 Y 491055.70, X 590518.16
16380.43	T4 Y 491010.30, X 590021.07

WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Collie 35-34-22-27 Fee No. 401H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3078'+28ft @ 3106.00usft
Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (1746'FNL_330'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		Collie 35-34-22-27 FEE PAD			
Site Position:		Northing:	490,402.10 usft	Latitude:	32.348054
From:	Map	Easting:	597,781.90 usft	Longitude:	-104.150554
Position Uncertainty:	0.00 usft	Slot Radius:	13.200 in	Grid Convergence:	0.10 °

Well	Collie 35-34-22-27 Fee No. 401H					
Well Position	+N/-S	0.00 usft	Northing:	492,037.38 usft	Latitude:	32.352553
	+E/-W	0.00 usft	Easting:	597,057.54 usft	Longitude:	-104.152891
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	3,078.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	8.02	60.26	48,807.27371210

Design	Plan 1 (1746'FNL_330'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	269.78

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	
2,819.14	6.38	144.09	2,818.48	-14.38	10.41	2.00	2.00	0.00	144.09	
6,671.06	6.38	144.09	6,646.52	-361.23	261.56	0.00	0.00	0.00	0.00	
6,990.20	0.00	0.00	6,965.00	-375.61	271.97	2.00	-2.00	0.00	180.00	
8,689.24	0.00	0.00	8,664.04	-375.61	271.97	0.00	0.00	0.00	0.00	
9,589.24	90.00	269.78	9,237.00	-377.78	-300.98	10.00	10.00	0.00	269.78	
12,288.27	90.00	269.78	9,237.00	-388.00	-3,000.00	0.00	0.00	0.00	0.00	
12,780.36	90.00	259.94	9,237.00	-432.01	-3,489.51	2.00	0.00	-2.00	-90.00	
15,936.52	90.00	259.94	9,237.00	-983.26	-6,597.16	0.00	0.00	0.00	0.00	
16,428.46	90.00	269.78	9,237.00	-1,027.27	-7,086.51	2.00	0.00	2.00	90.00	
19,540.46	90.00	269.78	9,237.00	-1,039.22	-10,198.49	0.00	0.00	0.00	0.00	

WPX Energy
Planning Report - Geographic

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Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (1746'FNL_330'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	492,037.38	597,057.54	32.352553	-104.152891
100.00	0.00	0.00	100.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
200.00	0.00	0.00	200.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
300.00	0.00	0.00	300.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
400.00	0.00	0.00	400.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
500.00	0.00	0.00	500.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
600.00	0.00	0.00	600.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
700.00	0.00	0.00	700.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
800.00	0.00	0.00	800.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
900.00	0.00	0.00	900.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
1,000.00	0.00	0.00	1,000.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
1,100.00	0.00	0.00	1,100.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
1,200.00	0.00	0.00	1,200.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
1,300.00	0.00	0.00	1,300.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
1,400.00	0.00	0.00	1,400.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
1,500.00	0.00	0.00	1,500.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
1,600.00	0.00	0.00	1,600.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
1,700.00	0.00	0.00	1,700.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
1,800.00	0.00	0.00	1,800.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
1,900.00	0.00	0.00	1,900.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
2,000.00	0.00	0.00	2,000.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
2,100.00	0.00	0.00	2,100.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
2,200.00	0.00	0.00	2,200.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
2,300.00	0.00	0.00	2,300.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
2,400.00	0.00	0.00	2,400.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
2,500.00	0.00	0.00	2,500.00	0.00	0.00	492,037.38	597,057.54	32.352553	-104.152891
2,600.00	2.00	144.09	2,599.98	-1.41	1.02	492,035.97	597,058.57	32.352549	-104.152888
2,700.00	4.00	144.09	2,699.84	-5.65	4.09	492,031.73	597,061.64	32.352537	-104.152878
2,800.00	6.00	144.09	2,799.45	-12.71	9.20	492,024.67	597,066.75	32.352518	-104.152861
2,819.14	6.38	144.09	2,818.48	-14.38	10.41	492,023.00	597,067.96	32.352513	-104.152857
2,900.00	6.38	144.09	2,898.84	-21.66	15.69	492,015.72	597,073.23	32.352493	-104.152840
3,000.00	6.38	144.09	2,998.22	-30.67	22.21	492,006.71	597,079.75	32.352468	-104.152819
3,100.00	6.38	144.09	3,097.60	-39.67	28.73	491,997.71	597,086.27	32.352443	-104.152798
3,200.00	6.38	144.09	3,196.98	-48.68	35.25	491,988.70	597,092.79	32.352419	-104.152777
3,300.00	6.38	144.09	3,296.36	-57.68	41.77	491,979.70	597,099.31	32.352394	-104.152756
3,400.00	6.38	144.09	3,395.74	-66.69	48.29	491,970.69	597,105.83	32.352369	-104.152735
3,500.00	6.38	144.09	3,495.12	-75.69	54.81	491,961.69	597,112.35	32.352344	-104.152714
3,600.00	6.38	144.09	3,594.50	-84.70	61.33	491,952.69	597,118.87	32.352319	-104.152693
3,700.00	6.38	144.09	3,693.88	-93.70	67.85	491,943.68	597,125.39	32.352295	-104.152672
3,800.00	6.38	144.09	3,793.26	-102.70	74.37	491,934.68	597,131.91	32.352270	-104.152651
3,900.00	6.38	144.09	3,892.64	-111.71	80.89	491,925.67	597,138.43	32.352245	-104.152630
4,000.00	6.38	144.09	3,992.02	-120.71	87.41	491,916.67	597,144.95	32.352220	-104.152608
4,100.00	6.38	144.09	4,091.40	-129.72	93.93	491,907.66	597,151.47	32.352196	-104.152587
4,200.00	6.38	144.09	4,190.78	-138.72	100.45	491,898.66	597,157.99	32.352171	-104.152566
4,300.00	6.38	144.09	4,290.16	-147.73	106.97	491,889.65	597,164.51	32.352146	-104.152545
4,400.00	6.38	144.09	4,389.54	-156.73	113.48	491,880.65	597,171.03	32.352121	-104.152524
4,500.00	6.38	144.09	4,488.92	-165.74	120.00	491,871.65	597,177.55	32.352096	-104.152503
4,600.00	6.38	144.09	4,588.30	-174.74	126.52	491,862.64	597,184.07	32.352072	-104.152482
4,700.00	6.38	144.09	4,687.68	-183.74	133.04	491,853.64	597,190.59	32.352047	-104.152461
4,800.00	6.38	144.09	4,787.06	-192.75	139.56	491,844.63	597,197.11	32.352022	-104.152440
4,900.00	6.38	144.09	4,886.44	-201.75	146.08	491,835.63	597,203.63	32.351997	-104.152419
5,000.00	6.38	144.09	4,985.82	-210.76	152.60	491,826.62	597,210.15	32.351972	-104.152398
5,100.00	6.38	144.09	5,085.20	-219.76	159.12	491,817.62	597,216.67	32.351948	-104.152377
5,200.00	6.38	144.09	5,184.58	-228.77	165.64	491,808.61	597,223.19	32.351923	-104.152356
5,300.00	6.38	144.09	5,283.96	-237.77	172.16	491,799.61	597,229.71	32.351898	-104.152335

WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Collie 35-34-22-27 Fee No. 401H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3078'+28ft @ 3106.00usft
Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (1746'FNL_330'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	
5,400.00	6.38	144.09	5,383.34	-246.78	178.68	491,790.61	597,236.23	32.351873	-104.152314	
5,500.00	6.38	144.09	5,482.72	-255.78	185.20	491,781.60	597,242.75	32.351849	-104.152293	
5,600.00	6.38	144.09	5,582.10	-264.78	191.72	491,772.60	597,249.27	32.351824	-104.152271	
5,700.00	6.38	144.09	5,681.48	-273.79	198.24	491,763.59	597,255.79	32.351799	-104.152250	
5,800.00	6.38	144.09	5,780.86	-282.79	204.76	491,754.59	597,262.31	32.351774	-104.152229	
5,900.00	6.38	144.09	5,880.24	-291.80	211.28	491,745.58	597,268.83	32.351749	-104.152208	
6,000.00	6.38	144.09	5,979.62	-300.80	217.80	491,736.58	597,275.35	32.351725	-104.152187	
6,100.00	6.38	144.09	6,079.00	-309.81	224.32	491,727.57	597,281.87	32.351700	-104.152166	
6,200.00	6.38	144.09	6,178.38	-318.81	230.84	491,718.57	597,288.39	32.351675	-104.152145	
6,300.00	6.38	144.09	6,277.76	-327.82	237.36	491,709.57	597,294.91	32.351650	-104.152124	
6,400.00	6.38	144.09	6,377.14	-336.82	243.88	491,700.56	597,301.43	32.351626	-104.152103	
6,500.00	6.38	144.09	6,476.52	-345.82	250.40	491,691.56	597,307.95	32.351601	-104.152082	
6,600.00	6.38	144.09	6,575.90	-354.83	256.92	491,682.55	597,314.47	32.351576	-104.152061	
6,671.06	6.38	144.09	6,646.52	-361.23	261.56	491,676.15	597,319.10	32.351558	-104.152046	
6,700.00	5.80	144.09	6,675.30	-363.72	263.36	491,673.67	597,320.90	32.351552	-104.152040	
6,800.00	3.80	144.09	6,774.94	-370.50	268.27	491,666.88	597,325.81	32.351533	-104.152024	
6,900.00	1.80	144.09	6,874.82	-374.46	271.14	491,662.92	597,328.68	32.351522	-104.152015	
6,990.20	0.00	0.00	6,965.00	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
7,000.00	0.00	0.00	6,974.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
7,100.00	0.00	0.00	7,074.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
7,200.00	0.00	0.00	7,174.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
7,300.00	0.00	0.00	7,274.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
7,400.00	0.00	0.00	7,374.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
7,500.00	0.00	0.00	7,474.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
7,600.00	0.00	0.00	7,574.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
7,700.00	0.00	0.00	7,674.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
7,800.00	0.00	0.00	7,774.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
7,900.00	0.00	0.00	7,874.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
8,000.00	0.00	0.00	7,974.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
8,100.00	0.00	0.00	8,074.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
8,200.00	0.00	0.00	8,174.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
8,300.00	0.00	0.00	8,274.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
8,400.00	0.00	0.00	8,374.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
8,500.00	0.00	0.00	8,474.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
8,600.00	0.00	0.00	8,574.80	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
8,689.24	0.00	0.00	8,664.04	-375.61	271.97	491,661.77	597,329.51	32.351519	-104.152012	
8,700.00	1.08	269.78	8,674.80	-375.61	271.87	491,661.77	597,329.41	32.351519	-104.152013	
8,750.00	6.08	269.78	8,724.69	-375.62	268.75	491,661.76	597,326.29	32.351519	-104.152023	
8,800.00	11.08	269.78	8,774.12	-375.65	261.30	491,661.73	597,318.84	32.351519	-104.152047	
8,850.00	16.08	269.78	8,822.70	-375.69	249.56	491,661.69	597,307.11	32.351519	-104.152085	
8,900.00	21.08	269.78	8,870.08	-375.76	233.64	491,661.63	597,291.18	32.351519	-104.152136	
8,950.00	26.08	269.78	8,915.89	-375.83	213.65	491,661.55	597,271.19	32.351518	-104.152201	
9,000.00	31.08	269.78	8,959.79	-375.92	189.74	491,661.46	597,247.28	32.351518	-104.152278	
9,050.00	36.08	269.78	9,001.43	-376.03	162.10	491,661.35	597,219.64	32.351518	-104.152368	
9,100.00	41.08	269.78	9,040.51	-376.14	130.93	491,661.24	597,188.47	32.351518	-104.152469	
9,150.00	46.08	269.78	9,076.72	-376.27	96.48	491,661.11	597,154.02	32.351518	-104.152581	
9,200.00	51.08	269.78	9,109.79	-376.42	59.00	491,660.96	597,116.54	32.351518	-104.152702	
9,250.00	56.08	269.78	9,139.47	-376.57	18.78	491,660.81	597,076.32	32.351517	-104.152832	
9,300.00	61.08	269.78	9,165.53	-376.73	-23.88	491,660.65	597,033.67	32.351517	-104.152970	
9,350.00	66.08	269.78	9,187.77	-376.90	-68.64	491,660.48	596,988.90	32.351517	-104.153115	
9,400.00	71.08	269.78	9,206.03	-377.08	-115.17	491,660.31	596,942.37	32.351517	-104.153266	
9,450.00	76.08	269.78	9,220.16	-377.26	-163.11	491,660.12	596,894.43	32.351516	-104.153421	
9,500.00	81.08	269.78	9,230.06	-377.44	-212.11	491,659.94	596,845.44	32.351516	-104.153580	
9,550.00	86.08	269.78	9,235.66	-377.63	-261.78	491,659.75	596,795.77	32.351516	-104.153741	
9,589.24	90.00	269.78	9,237.00	-377.78	-300.98	491,659.60	596,756.56	32.351515	-104.153868	

WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Collie 35-34-22-27 Fee No. 401H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3078'+28ft @ 3106.00usft
Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (1746'FNL_330'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
9,600.00	90.00	269.78	9,237.00	-377.82	-311.75	491,659.56	596,745.80	32.351515	-104.153902
9,700.00	90.00	269.78	9,237.00	-378.20	-411.74	491,659.18	596,645.80	32.351515	-104.154226
9,800.00	90.00	269.78	9,237.00	-378.58	-511.74	491,658.80	596,545.80	32.351514	-104.154550
9,900.00	90.00	269.78	9,237.00	-378.96	-611.74	491,658.42	596,445.80	32.351514	-104.154874
10,000.00	90.00	269.78	9,237.00	-379.34	-711.74	491,658.05	596,345.80	32.351513	-104.155198
10,100.00	90.00	269.78	9,237.00	-379.71	-811.74	491,657.67	596,245.80	32.351512	-104.155522
10,200.00	90.00	269.78	9,237.00	-380.09	-911.74	491,657.29	596,145.80	32.351512	-104.155845
10,300.00	90.00	269.78	9,237.00	-380.47	-1,011.74	491,656.91	596,045.80	32.351511	-104.156169
10,400.00	90.00	269.78	9,237.00	-380.85	-1,111.74	491,656.53	595,945.80	32.351511	-104.156493
10,500.00	90.00	269.78	9,237.00	-381.23	-1,211.74	491,656.15	595,845.80	32.351510	-104.156817
10,600.00	90.00	269.78	9,237.00	-381.61	-1,311.74	491,655.77	595,745.81	32.351510	-104.157141
10,700.00	90.00	269.78	9,237.00	-381.99	-1,411.74	491,655.40	595,645.81	32.351509	-104.157465
10,800.00	90.00	269.78	9,237.00	-382.36	-1,511.74	491,655.02	595,545.81	32.351508	-104.157788
10,900.00	90.00	269.78	9,237.00	-382.74	-1,611.74	491,654.64	595,445.81	32.351508	-104.158112
11,000.00	90.00	269.78	9,237.00	-383.12	-1,711.74	491,654.26	595,345.81	32.351507	-104.158436
11,100.00	90.00	269.78	9,237.00	-383.50	-1,811.73	491,653.88	595,245.81	32.351507	-104.158760
11,200.00	90.00	269.78	9,237.00	-383.88	-1,911.73	491,653.50	595,145.81	32.351506	-104.159084
11,300.00	90.00	269.78	9,237.00	-384.26	-2,011.73	491,653.12	595,045.81	32.351505	-104.159408
11,400.00	90.00	269.78	9,237.00	-384.64	-2,111.73	491,652.74	594,945.81	32.351505	-104.159731
11,500.00	90.00	269.78	9,237.00	-385.02	-2,211.73	491,652.37	594,845.81	32.351504	-104.160055
11,600.00	90.00	269.78	9,237.00	-385.39	-2,311.73	491,651.99	594,745.81	32.351504	-104.160379
11,700.00	90.00	269.78	9,237.00	-385.77	-2,411.73	491,651.61	594,645.81	32.351503	-104.160703
11,800.00	90.00	269.78	9,237.00	-386.15	-2,511.73	491,651.23	594,545.81	32.351502	-104.161027
11,900.00	90.00	269.78	9,237.00	-386.53	-2,611.73	491,650.85	594,445.81	32.351502	-104.161351
12,000.00	90.00	269.78	9,237.00	-386.91	-2,711.73	491,650.47	594,345.82	32.351501	-104.161674
12,100.00	90.00	269.78	9,237.00	-387.29	-2,811.73	491,650.09	594,245.82	32.351501	-104.161998
12,200.00	90.00	269.78	9,237.00	-387.67	-2,911.73	491,649.72	594,145.82	32.351500	-104.162322
12,288.27	90.00	269.78	9,237.00	-388.00	-3,000.00	491,649.38	594,057.54	32.351499	-104.162608
12,300.00	90.00	269.55	9,237.00	-388.07	-3,011.73	491,649.31	594,045.82	32.351499	-104.162646
12,400.00	90.00	267.55	9,237.00	-390.60	-3,111.69	491,646.78	593,945.85	32.351493	-104.162970
12,500.00	90.00	265.55	9,237.00	-396.62	-3,211.50	491,640.76	593,846.04	32.351477	-104.163293
12,600.00	90.00	263.55	9,237.00	-406.12	-3,311.04	491,631.26	593,746.50	32.351451	-104.163615
12,700.00	90.00	261.55	9,237.00	-419.09	-3,410.20	491,618.29	593,647.35	32.351416	-104.163936
12,780.36	90.00	259.94	9,237.00	-432.01	-3,489.51	491,605.37	593,568.04	32.351381	-104.164193
12,800.00	90.00	259.94	9,237.00	-435.44	-3,508.84	491,601.94	593,548.70	32.351371	-104.164256
12,900.00	90.00	259.94	9,237.00	-452.91	-3,607.31	491,584.47	593,450.24	32.351324	-104.164575
13,000.00	90.00	259.94	9,237.00	-470.37	-3,705.77	491,567.01	593,351.77	32.351276	-104.164894
13,100.00	90.00	259.94	9,237.00	-487.84	-3,804.23	491,549.54	593,253.31	32.351229	-104.165213
13,200.00	90.00	259.94	9,237.00	-505.31	-3,902.70	491,532.08	593,154.85	32.351181	-104.165532
13,300.00	90.00	259.94	9,237.00	-522.77	-4,001.16	491,514.61	593,056.38	32.351133	-104.165851
13,400.00	90.00	259.94	9,237.00	-540.24	-4,099.62	491,497.14	592,957.92	32.351086	-104.166170
13,500.00	90.00	259.94	9,237.00	-557.70	-4,198.09	491,479.68	592,859.46	32.351038	-104.166489
13,600.00	90.00	259.94	9,237.00	-575.17	-4,296.55	491,462.21	592,761.00	32.350991	-104.166808
13,700.00	90.00	259.94	9,237.00	-592.63	-4,395.01	491,444.75	592,662.53	32.350943	-104.167127
13,800.00	90.00	259.94	9,237.00	-610.10	-4,493.47	491,427.28	592,564.07	32.350895	-104.167445
13,900.00	90.00	259.94	9,237.00	-627.57	-4,591.94	491,409.82	592,465.61	32.350848	-104.167764
14,000.00	90.00	259.94	9,237.00	-645.03	-4,690.40	491,392.35	592,367.14	32.350800	-104.168083
14,100.00	90.00	259.94	9,237.00	-662.50	-4,788.86	491,374.88	592,268.68	32.350753	-104.168402
14,200.00	90.00	259.94	9,237.00	-679.96	-4,887.33	491,357.42	592,170.22	32.350705	-104.168721
14,300.00	90.00	259.94	9,237.00	-697.43	-4,985.79	491,339.95	592,071.75	32.350657	-104.169040
14,400.00	90.00	259.94	9,237.00	-714.89	-5,084.25	491,322.49	591,973.29	32.350610	-104.169359
14,500.00	90.00	259.94	9,237.00	-732.36	-5,182.71	491,305.02	591,874.83	32.350562	-104.169678
14,600.00	90.00	259.94	9,237.00	-749.83	-5,281.18	491,287.56	591,776.37	32.350515	-104.169997
14,700.00	90.00	259.94	9,237.00	-767.29	-5,379.64	491,270.09	591,677.90	32.350467	-104.170316
14,800.00	90.00	259.94	9,237.00	-784.76	-5,478.10	491,252.62	591,579.44	32.350419	-104.170635

WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Collie 35-34-22-27 Fee No. 401H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3078'+28ft @ 3106.00usft
Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (1746'FNL_330'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
14,900.00	90.00	259.94	9,237.00	-802.22	-5,576.57	491,235.16	591,480.98	32.350372	-104.170954
15,000.00	90.00	259.94	9,237.00	-819.69	-5,675.03	491,217.69	591,382.51	32.350324	-104.171273
15,100.00	90.00	259.94	9,237.00	-837.15	-5,773.49	491,200.23	591,284.05	32.350277	-104.171592
15,200.00	90.00	259.94	9,237.00	-854.62	-5,871.96	491,182.76	591,185.59	32.350229	-104.171911
15,300.00	90.00	259.94	9,237.00	-872.09	-5,970.42	491,165.30	591,087.13	32.350181	-104.172230
15,400.00	90.00	259.94	9,237.00	-889.55	-6,068.88	491,147.83	590,988.66	32.350134	-104.172548
15,500.00	90.00	259.94	9,237.00	-907.02	-6,167.34	491,130.36	590,890.20	32.350086	-104.172867
15,600.00	90.00	259.94	9,237.00	-924.48	-6,265.81	491,112.90	590,791.74	32.350039	-104.173186
15,700.00	90.00	259.94	9,237.00	-941.95	-6,364.27	491,095.43	590,693.27	32.349991	-104.173505
15,800.00	90.00	259.94	9,237.00	-959.41	-6,462.73	491,077.97	590,594.81	32.349943	-104.173824
15,900.00	90.00	259.94	9,237.00	-976.88	-6,561.20	491,060.50	590,496.35	32.349896	-104.174143
15,936.52	90.00	259.94	9,237.00	-983.26	-6,597.16	491,054.12	590,460.39	32.349878	-104.174260
16,000.00	90.00	261.21	9,237.00	-993.65	-6,659.78	491,043.73	590,397.77	32.349850	-104.174462
16,100.00	90.00	263.21	9,237.00	-1,007.20	-6,758.85	491,030.18	590,298.69	32.349813	-104.174783
16,200.00	90.00	265.21	9,237.00	-1,017.29	-6,858.33	491,020.09	590,199.21	32.349786	-104.175106
16,300.00	90.00	267.21	9,237.00	-1,023.90	-6,958.11	491,013.48	590,099.43	32.349768	-104.175429
16,400.00	90.00	269.21	9,237.00	-1,027.02	-7,058.06	491,010.36	589,999.49	32.349760	-104.175752
16,428.46	90.00	269.78	9,237.00	-1,027.27	-7,086.51	491,010.11	589,971.03	32.349759	-104.175845
16,500.00	90.00	269.78	9,237.00	-1,027.55	-7,158.05	491,009.84	589,899.49	32.349759	-104.176076
16,600.00	90.00	269.78	9,237.00	-1,027.93	-7,258.05	491,009.45	589,799.49	32.349758	-104.176400
16,700.00	90.00	269.78	9,237.00	-1,028.31	-7,358.05	491,009.07	589,699.49	32.349758	-104.176724
16,800.00	90.00	269.78	9,237.00	-1,028.70	-7,458.05	491,008.68	589,599.49	32.349757	-104.177048
16,900.00	90.00	269.78	9,237.00	-1,029.08	-7,558.05	491,008.30	589,499.49	32.349756	-104.177371
17,000.00	90.00	269.78	9,237.00	-1,029.47	-7,658.05	491,007.92	589,399.49	32.349756	-104.177695
17,100.00	90.00	269.78	9,237.00	-1,029.85	-7,758.05	491,007.53	589,299.49	32.349755	-104.178019
17,200.00	90.00	269.78	9,237.00	-1,030.23	-7,858.05	491,007.15	589,199.49	32.349754	-104.178343
17,300.00	90.00	269.78	9,237.00	-1,030.62	-7,958.05	491,006.76	589,099.49	32.349754	-104.178667
17,400.00	90.00	269.78	9,237.00	-1,031.00	-8,058.05	491,006.38	588,999.50	32.349753	-104.178991
17,500.00	90.00	269.78	9,237.00	-1,031.39	-8,158.05	491,006.00	588,899.50	32.349752	-104.179314
17,600.00	90.00	269.78	9,237.00	-1,031.77	-8,258.05	491,005.61	588,799.50	32.349752	-104.179638
17,700.00	90.00	269.78	9,237.00	-1,032.15	-8,358.05	491,005.23	588,699.50	32.349751	-104.179962
17,800.00	90.00	269.78	9,237.00	-1,032.54	-8,458.04	491,004.84	588,599.50	32.349750	-104.180286
17,900.00	90.00	269.78	9,237.00	-1,032.92	-8,558.04	491,004.46	588,499.50	32.349750	-104.180610
18,000.00	90.00	269.78	9,237.00	-1,033.31	-8,658.04	491,004.08	588,399.50	32.349749	-104.180934
18,100.00	90.00	269.78	9,237.00	-1,033.69	-8,758.04	491,003.69	588,299.50	32.349748	-104.181257
18,200.00	90.00	269.78	9,237.00	-1,034.07	-8,858.04	491,003.31	588,199.50	32.349748	-104.181581
18,300.00	90.00	269.78	9,237.00	-1,034.46	-8,958.04	491,002.92	588,099.50	32.349747	-104.181905
18,400.00	90.00	269.78	9,237.00	-1,034.84	-9,058.04	491,002.54	587,999.50	32.349746	-104.182229
18,500.00	90.00	269.78	9,237.00	-1,035.22	-9,158.04	491,002.16	587,899.50	32.349746	-104.182553
18,600.00	90.00	269.78	9,237.00	-1,035.61	-9,258.04	491,001.77	587,799.50	32.349745	-104.182877
18,700.00	90.00	269.78	9,237.00	-1,035.99	-9,358.04	491,001.39	587,699.50	32.349744	-104.183200
18,800.00	90.00	269.78	9,237.00	-1,036.38	-9,458.04	491,001.00	587,599.51	32.349744	-104.183524
18,900.00	90.00	269.78	9,237.00	-1,036.76	-9,558.04	491,000.62	587,499.51	32.349743	-104.183848
19,000.00	90.00	269.78	9,237.00	-1,037.14	-9,658.04	491,000.24	587,399.51	32.349742	-104.184172
19,100.00	90.00	269.78	9,237.00	-1,037.53	-9,758.04	490,999.85	587,299.51	32.349742	-104.184496
19,200.00	90.00	269.78	9,237.00	-1,037.91	-9,858.03	490,999.47	587,199.51	32.349741	-104.184820
19,300.00	90.00	269.78	9,237.00	-1,038.30	-9,958.03	490,999.08	587,099.51	32.349740	-104.185143
19,400.00	90.00	269.78	9,237.00	-1,038.68	-10,058.03	490,998.70	586,999.51	32.349740	-104.185467
19,500.00	90.00	269.78	9,237.00	-1,039.06	-10,158.03	490,998.32	586,899.51	32.349739	-104.185791
19,540.46	90.00	269.78	9,237.00	-1,039.22	-10,198.49	490,998.16	586,859.05	32.349739	-104.185922

WPX Energy
Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Collie 35-34-22-27 Fee No. 401H
Company:	WPX Energy Permian, LLC	TVD Reference:	GL:3078'+28ft @ 3106.00usft
Project:	Eddy NM	MD Reference:	GL:3078'+28ft @ 3106.00usft
Site:	Collie 35-34-22-27 FEE PAD	North Reference:	Grid
Well:	Collie 35-34-22-27 Fee No. 401H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 1 (1746'FNL_330'FSL)_WC Y		

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(bearing)	(usft)	(usft)	(usft)	(usft)	(usft)		
POP (Collie 401H) 1746	0.00	0.00	0.00	-375.67	271.93	491,661.71	597,329.47	32.351519	-104.152012
- plan misses target center by 463.76usft at 0.00usft MD (0.00 TVD, 0.00 N, 0.00 E)									
- Point									
FTP (Collie 401H) 1746'	0.00	0.00	9,237.00	-376.69	-8.14	491,660.69	597,049.40	32.351517	-104.152919
- plan misses target center by 70.51usft at 9317.72usft MD (9173.86 TVD, -376.79 N, -39.51 E)									
- Point									
LTP 2 (401H) 100'FWL,	0.00	0.00	9,237.00	-1,039.03	-10,148.45	490,998.35	586,909.09	32.349739	-104.185760
- plan hits target center									
- Point									
BHL 2 (401H) 5490998.	0.00	0.00	9,237.00	-1,039.22	-10,198.49	490,998.16	586,859.05	32.349739	-104.185922
- plan hits target center									
- Point									

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(usft)	(usft)			(°)	(bearing)	
385.00	385.00	Salado				
837.00	837.00	Castile				
2,342.00	2,342.00	Bell Canyon (Base of Salt)				
3,251.34	3,248.00	Cherry Canyon				
4,240.47	4,231.00	Brushy Canyon				
5,761.90	5,743.00	Bone Spring				
6,154.33	6,133.00	Avalon				
6,793.04	6,768.00	1st Bone Spring Sand				
7,033.20	7,008.00	2nd Bone Spring Lime				
7,500.20	7,475.00	2nd Bone Spring Sand				
7,662.20	7,637.00	3rd Bone Spring Lime				
8,832.69	8,806.00	3rd Bone Spring Sand				
9,211.62	9,117.00	Wolfcamp Top				
9,258.20	9,144.00	WC_X				
9,437.41	9,217.00	WC_Y				
9,466.95	9,224.00	Top Target				
9,589.24	9,237.00	Landing Point				

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(usft)	(usft)	+N/-S (usft)	+E/-W (usft)	
12,289.59	9,237.00	-388.01	-3,001.32	T1 491649.32, 594057.50
12,789.54	9,237.00	-433.62	-3,498.55	T2 491603.92, 593560.26
15,880.64	9,237.00	-973.50	-6,542.13	T3 491055.70, 590518.16
16,380.43	9,237.00	-1,026.68	-7,038.49	T4 491010.30, 590021.07