

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. 30-015-45042
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BINDEL 4 FEE
8. Well Number 001H
9. OGRID Number 246289
10. Pool name or Wildcat Purplesage 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
RKI Exploration & Production, LLC

3. Address of Operator
3500 One Williams Center, Tulsa, OK 74172

4. Well Location
Unit Letter H 1795 feet from the North line and 700 feet from the East line
Section 4 Township 23S Range 27E NMPM County Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3126

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☒
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
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.

RKI Exploration & Production, LLC is requesting to change the FTP from 2229' FNL to 2279' FNL, change the LTP from 2294' FNL to 2344' FNL, change the BHL from 2296' FNL to 2346' FNL, and change the TVD from 9054' to 9642'. Please see attached updated C-102 and directional plan.

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 Larry Rader TITLE Regulatory Specialist DATE 09-17-2018

Type or print name Larry E. Rader E-mail address: larry.rader@wpenergy.com PHONE: 539-573-3543

For State Use Only

APPROVED BY: Raymond W. Boland TITLE Geologist DATE 9-24-18
Conditions of Approval (if any):

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

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-0720

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

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

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office
☐ AMENDED REPORT
RECEIVED
Jep
Aug 19 2018

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 98220	³ Pool Name PURPLE SAGE WOLF CAMP GAS POOL
⁴ Property Code 321559	⁵ Property Name BINDEL 4 FEE	⁶ Well Number IH
⁷ OGRID No. 246289	⁸ Operator Name RKI EXPLORATION & PRODUCTION, LLC	⁹ Elevation 3,126'

10 Surface Location

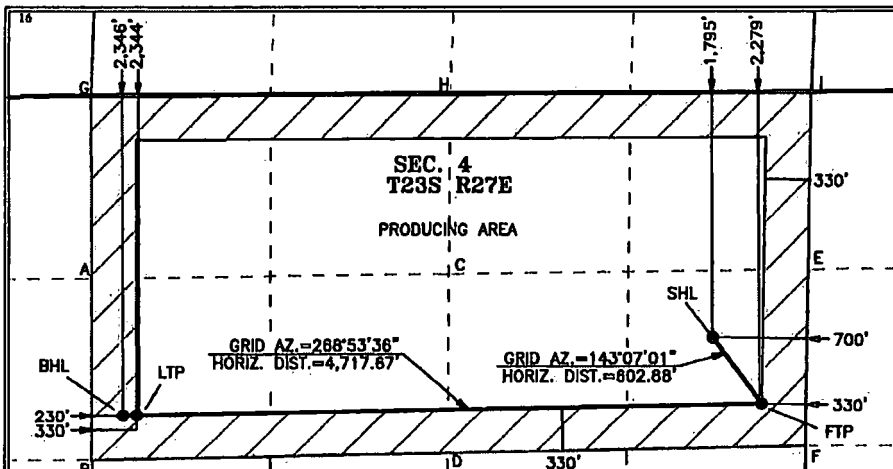
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	4	23 S	27 E		1,795	NORTH	700	EAST	EDDY

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	4	23 S	27 E		2,346	NORTH	230	WEST	EDDY

¹² Dedicated Acres 320 ACRES, N/2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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.



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.

Signature: *Josh Walker* Date: 8/24/18
Printed Name: Josh Walker
Email Address: josh.walker@upxenergy.com

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.

08-24-2018

Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP 23786

Certificate Number



AW

2018010317

Rev 9-24-18

30-015-45042

WPX Energy

Eddy County, New Mexico (NAD 83)

Bindel 4 Fee Pad

Bindel 4 Fee 1H

API: 30-015-45042

Wellbore #1

**NM OIL CONSERVATION
ARTESIA DISTRICT**

SEP 19 2018

RECEIVED

Plan: Plan #2 On Lease POP

Standard Planning Report

30 August, 2018



www.scientificdrilling.com

Scientific Drilling, Intl

Planning Report

Database: Midland District
Company: WPX Energy
Project: Eddy County, New Mexico (NAD 83)
Site: Bindel 4 Fee Pad
Well: Bindel 4 Fee 1H
Wellbore: Wellbore #1
Design: Plan #2 On Lease POP

Local Co-ordinate Reference: Well Bindel 4 Fee 1H
TVD Reference: GL 3126 + RKB 26 = @ 3152.00usft (HP 265)
MD Reference: GL 3126 + RKB 26 = @ 3152.00usft (HP 265)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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	Bindel 4 Fee Pad			
Site Position:		Northing:	485,869.60 usft	Latitude: 32.335645
From:	Map	Easting:	585,912.10 usft	Longitude: -104.189011
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.08 °

Well	Bindel 4 Fee 1H			
Well Position	+N/-S	298.80 usft	Northing:	486,168.40 usft
	+E/-W	57.40 usft	Easting:	585,969.50 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level: 3,126.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	7/17/2018	7.32	60.07	47,987

Design	Plan #2 On Lease POP			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S (usft)	+E/-W (usft)	Direction (bearing)
	0.00	0.00	0.00	268.95

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	
2,213.00	0.00	0.00	2,213.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,474.19	5.22	143.12	2,473.83	-9.52	7.14	2.00	2.00	0.00	143.12	
8,834.99	5.22	143.12	8,808.21	-472.78	354.66	0.00	0.00	0.00	0.00	
9,096.18	0.00	0.00	9,069.04	-482.30	361.80	2.00	-2.00	0.00	180.00	on popo
9,996.18	90.00	268.89	9,642.00	-493.36	-211.05	10.00	10.00	-10.12	268.89	
14,140.90	90.00	268.89	9,642.00	-573.40	-4,355.00	0.00	0.00	0.00	0.00	Bin4Fee1H BHL

Scientific Drilling, Intl

Planning Report

Database: Midland District
 Company: WPX Energy
 Project: Eddy County, New Mexico (NAD 83)
 Site: Bindel 4 Fee Pad
 Well: Bindel 4 Fee 1H
 Wellbore: Wellbore #1
 Design: Plan #2 On Lease POP

Local Co-ordinate Reference: Well Bindel 4 Fee 1H
 TVD Reference: GL 3126 + RKB 26 = @ 3152.00usft (HP 265)
 MD Reference: GL 3126 + RKB 26 = @ 3152.00usft (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
355.00	0.00	0.00	355.00	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
698.00	0.00	0.00	698.00	0.00	0.00	0.00	0.00	0.00	0.00
Castile									
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
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
2,131.00	0.00	0.00	2,131.00	0.00	0.00	0.00	0.00	0.00	0.00
Bell Canyon (Base of Salt) - 9 5/8"									
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,213.00	0.00	0.00	2,213.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	1.74	143.12	2,299.99	-1.06	0.79	-0.77	2.00	2.00	0.00
2,400.00	3.74	143.12	2,399.87	-4.88	3.66	-3.57	2.00	2.00	0.00
2,474.19	5.22	143.12	2,473.83	-9.52	7.14	-6.96	2.00	2.00	0.00
2,500.00	5.22	143.12	2,499.53	-11.40	8.55	-8.34	0.00	0.00	0.00
2,600.00	5.22	143.12	2,599.12	-18.68	14.01	-13.67	0.00	0.00	0.00
2,700.00	5.22	143.12	2,698.70	-25.96	19.48	-19.00	0.00	0.00	0.00
2,800.00	5.22	143.12	2,798.29	-33.25	24.94	-24.33	0.00	0.00	0.00
2,900.00	5.22	143.12	2,897.87	-40.53	30.40	-29.66	0.00	0.00	0.00
3,000.00	5.22	143.12	2,997.45	-47.81	35.87	-34.99	0.00	0.00	0.00
3,093.94	5.22	143.12	3,091.00	-54.65	41.00	-39.99	0.00	0.00	0.00
Cherry Canyon									
3,100.00	5.22	143.12	3,097.04	-55.10	41.33	-40.31	0.00	0.00	0.00
3,200.00	5.22	143.12	3,196.62	-62.38	46.79	-45.64	0.00	0.00	0.00
3,300.00	5.22	143.12	3,296.21	-69.66	52.26	-50.97	0.00	0.00	0.00
3,400.00	5.22	143.12	3,395.79	-76.95	57.72	-56.30	0.00	0.00	0.00
3,500.00	5.22	143.12	3,495.38	-84.23	63.18	-61.63	0.00	0.00	0.00
3,600.00	5.22	143.12	3,594.96	-91.51	68.65	-66.96	0.00	0.00	0.00
3,700.00	5.22	143.12	3,694.55	-98.80	74.11	-72.29	0.00	0.00	0.00
3,800.00	5.22	143.12	3,794.13	-106.08	79.58	-77.62	0.00	0.00	0.00
3,900.00	5.22	143.12	3,893.72	-113.36	85.04	-82.95	0.00	0.00	0.00
4,000.00	5.22	143.12	3,993.30	-120.64	90.50	-88.28	0.00	0.00	0.00
4,040.87	5.22	143.12	4,034.00	-123.62	92.73	-90.45	0.00	0.00	0.00
Brushy Canyon									
4,100.00	5.22	143.12	4,092.89	-127.93	95.97	-93.61	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: Bindel 4 Fee Pad
 Well: Bindel 4 Fee 1H
 Wellbore: Wellbore #1
 Design: Plan #2 On Lease POP

Local Co-ordinate Reference: Well Bindel 4 Fee 1H
 TVD Reference: GL 3126 + RKB 26 = @ 3152.00usft (HP 265)
 MD Reference: GL 3126 + RKB 26 = @ 3152.00usft (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)
4,200.00	5.22	143.12	4,192.47	-135.21	101.43	-98.93	0.00	0.00	0.00
4,300.00	5.22	143.12	4,292.06	-142.49	106.89	-104.26	0.00	0.00	0.00
4,400.00	5.22	143.12	4,391.64	-149.78	112.36	-109.59	0.00	0.00	0.00
4,500.00	5.22	143.12	4,491.22	-157.06	117.82	-114.92	0.00	0.00	0.00
4,600.00	5.22	143.12	4,590.81	-164.34	123.28	-120.25	0.00	0.00	0.00
4,700.00	5.22	143.12	4,690.39	-171.63	128.75	-125.58	0.00	0.00	0.00
4,800.00	5.22	143.12	4,789.98	-178.91	134.21	-130.91	0.00	0.00	0.00
4,900.00	5.22	143.12	4,889.56	-186.19	139.67	-136.24	0.00	0.00	0.00
5,000.00	5.22	143.12	4,989.15	-193.48	145.14	-141.57	0.00	0.00	0.00
5,100.00	5.22	143.12	5,088.73	-200.76	150.60	-146.90	0.00	0.00	0.00
5,200.00	5.22	143.12	5,188.32	-208.04	156.06	-152.23	0.00	0.00	0.00
5,300.00	5.22	143.12	5,287.90	-215.32	161.53	-157.55	0.00	0.00	0.00
5,400.00	5.22	143.12	5,387.49	-222.61	166.99	-162.88	0.00	0.00	0.00
5,500.00	5.22	143.12	5,487.07	-229.89	172.45	-168.21	0.00	0.00	0.00
5,575.24	5.22	143.12	5,562.00	-235.37	176.56	-172.22	0.00	0.00	0.00
Bone Spring									
5,600.00	5.22	143.12	5,586.66	-237.17	177.92	-173.54	0.00	0.00	0.00
5,700.00	5.22	143.12	5,686.24	-244.46	183.38	-178.87	0.00	0.00	0.00
5,800.00	5.22	143.12	5,785.83	-251.74	188.84	-184.20	0.00	0.00	0.00
5,900.00	5.22	143.12	5,885.41	-259.02	194.31	-189.53	0.00	0.00	0.00
6,000.00	5.22	143.12	5,984.99	-266.31	199.77	-194.86	0.00	0.00	0.00
6,001.01	5.22	143.12	5,986.00	-266.38	199.83	-194.91	0.00	0.00	0.00
Avalon									
6,100.00	5.22	143.12	6,084.58	-273.59	205.23	-200.19	0.00	0.00	0.00
6,200.00	5.22	143.12	6,184.16	-280.87	210.70	-205.52	0.00	0.00	0.00
6,300.00	5.22	143.12	6,283.75	-288.16	216.16	-210.84	0.00	0.00	0.00
6,400.00	5.22	143.12	6,383.33	-295.44	221.63	-216.17	0.00	0.00	0.00
6,500.00	5.22	143.12	6,482.92	-302.72	227.09	-221.50	0.00	0.00	0.00
6,524.18	5.22	143.12	6,507.00	-304.48	228.41	-222.79	0.00	0.00	0.00
1st Bone Spring Sand									
6,600.00	5.22	143.12	6,582.50	-310.01	232.55	-226.83	0.00	0.00	0.00
6,700.00	5.22	143.12	6,682.09	-317.29	238.02	-232.16	0.00	0.00	0.00
6,800.00	5.22	143.12	6,781.67	-324.57	243.48	-237.49	0.00	0.00	0.00
6,808.36	5.22	143.12	6,790.00	-325.18	243.94	-237.94	0.00	0.00	0.00
2nd Bone Spring Lime									
6,900.00	5.22	143.12	6,881.26	-331.85	248.94	-242.82	0.00	0.00	0.00
7,000.00	5.22	143.12	6,980.84	-339.14	254.41	-248.15	0.00	0.00	0.00
7,100.00	5.22	143.12	7,080.43	-346.42	259.87	-253.48	0.00	0.00	0.00
7,136.73	5.22	143.12	7,117.00	-349.10	261.88	-255.43	0.00	0.00	0.00
2nd Bone Spring Sand									
7,200.00	5.22	143.12	7,180.01	-353.70	265.33	-258.81	0.00	0.00	0.00
7,300.00	5.22	143.12	7,279.60	-360.99	270.80	-264.14	0.00	0.00	0.00
7,349.61	5.22	143.12	7,329.00	-364.60	273.51	-266.78	0.00	0.00	0.00
3rd Bone Spring Lime									
7,400.00	5.22	143.12	7,379.18	-368.27	276.26	-269.46	0.00	0.00	0.00
7,500.00	5.22	143.12	7,478.76	-375.55	281.72	-274.79	0.00	0.00	0.00
7,600.00	5.22	143.12	7,578.35	-382.84	287.19	-280.12	0.00	0.00	0.00
7,700.00	5.22	143.12	7,677.93	-390.12	292.65	-285.45	0.00	0.00	0.00
7,800.00	5.22	143.12	7,777.52	-397.40	298.11	-290.78	0.00	0.00	0.00
7,900.00	5.22	143.12	7,877.10	-404.69	303.58	-296.11	0.00	0.00	0.00
8,000.00	5.22	143.12	7,976.69	-411.97	309.04	-301.44	0.00	0.00	0.00
8,100.00	5.22	143.12	8,076.27	-419.25	314.50	-306.77	0.00	0.00	0.00
8,200.00	5.22	143.12	8,175.86	-426.53	319.97	-312.10	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: Bindel 4 Fee Pad
 Well: Bindel 4 Fee 1H
 Wellbore: Wellbore #1
 Design: Plan #2 On Lease POP

Local Co-ordinate Reference: Well Bindel 4 Fee 1H
 TVD Reference: GL 3126 + RKB 26 = @ 3152.00usft (HP 265)
 MD Reference: GL 3126 + RKB 26 = @ 3152.00usft (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)	Buid Rate (°/100usft)	Turn Rate (°/100usft)
8,300.00	5.22	143.12	8,275.44	-433.82	325.43	-317.43	0.00	0.00	0.00
8,400.00	5.22	143.12	8,375.03	-441.10	330.89	-322.76	0.00	0.00	0.00
8,500.00	5.22	143.12	8,474.61	-448.38	336.36	-328.08	0.00	0.00	0.00
8,600.00	5.22	143.12	8,574.20	-455.67	341.82	-333.41	0.00	0.00	0.00
8,613.86	5.22	143.12	8,588.00	-456.68	342.58	-334.15	0.00	0.00	0.00
3rd Bone Spring Sand									
8,700.00	5.22	143.12	8,673.78	-462.95	347.28	-338.74	0.00	0.00	0.00
8,800.00	5.22	143.12	8,773.37	-470.23	352.75	-344.07	0.00	0.00	0.00
8,834.99	5.22	143.12	8,808.21	-472.78	354.66	-345.94	0.00	0.00	0.00
8,900.00	3.92	143.12	8,873.01	-476.93	357.77	-348.97	2.00	-2.00	0.00
8,957.09	2.78	143.12	8,930.00	-479.60	359.77	-350.93	2.00	-2.00	0.00
Wolfcamp Top									
8,989.12	2.14	143.12	8,962.00	-480.70	360.60	-351.73	2.00	-2.00	0.00
WC_X									
9,000.00	1.92	143.12	8,972.88	-481.01	360.83	-351.96	2.00	-2.00	0.00
9,054.14	0.84	143.12	9,027.00	-482.05	361.61	-352.72	2.00	-2.00	0.00
WC_Y									
9,094.14	0.04	143.12	9,067.00	-482.30	361.80	-352.90	2.00	-2.00	0.00
Wolfcamp A									
9,096.18	0.00	0.00	9,069.04	-482.30	361.80	-352.90	2.00	-2.00	0.00
9,100.00	0.38	268.89	9,072.86	-482.30	361.79	-352.89	10.00	10.00	0.00
9,150.00	5.38	268.89	9,122.78	-482.35	359.27	-350.38	10.00	10.00	0.00
9,200.00	10.38	268.89	9,172.29	-482.48	352.42	-343.52	10.00	10.00	0.00
9,250.00	15.38	268.89	9,221.02	-482.70	341.28	-332.38	10.00	10.00	0.00
9,287.69	19.15	268.89	9,257.00	-482.91	330.10	-321.19	10.00	10.00	0.00
Wolfcamp B									
9,300.00	20.38	268.89	9,268.59	-482.99	325.94	-317.03	10.00	10.00	0.00
9,350.00	25.38	268.89	9,314.64	-483.37	306.50	-297.59	10.00	10.00	0.00
9,400.00	30.38	268.89	9,358.82	-483.82	283.13	-274.22	10.00	10.00	0.00
9,450.00	35.38	268.89	9,400.80	-484.34	256.00	-247.08	10.00	10.00	0.00
9,491.85	39.57	268.89	9,434.00	-484.83	230.55	-221.63	10.00	10.00	0.00
Wolfcamp C									
9,500.00	40.38	268.89	9,440.25	-484.94	225.31	-216.39	10.00	10.00	0.00
9,550.00	45.38	268.89	9,476.87	-485.59	191.31	-182.38	10.00	10.00	0.00
9,600.00	50.38	268.89	9,510.40	-486.31	154.24	-145.30	10.00	10.00	0.00
9,650.00	55.38	268.89	9,540.56	-487.08	114.39	-105.44	10.00	10.00	0.00
9,700.00	60.38	268.89	9,567.13	-487.90	72.06	-63.11	10.00	10.00	0.00
9,750.00	65.38	268.89	9,589.92	-488.76	27.58	-18.62	10.00	10.00	0.00
9,800.00	70.38	268.89	9,608.74	-489.65	-18.72	27.69	10.00	10.00	0.00
9,840.59	74.44	268.89	9,621.00	-490.40	-57.39	66.37	10.00	10.00	0.00
Wolfcamp D									
9,850.00	75.38	268.89	9,623.45	-490.57	-66.48	75.46	10.00	10.00	0.00
9,856.27	76.01	268.89	9,625.00	-490.69	-72.55	81.53	10.00	10.00	0.00
Top Target									
9,900.00	80.38	268.89	9,633.94	-491.52	-115.34	124.33	10.00	10.00	0.00
9,950.00	85.38	268.89	9,640.14	-492.47	-164.93	173.92	10.00	10.00	0.00
9,996.18	90.00	268.89	9,642.00	-493.36	-211.05	220.06	10.00	10.00	0.00
Landing Point									
10,000.00	90.00	268.89	9,642.00	-493.44	-214.87	223.87	0.00	0.00	0.00
10,100.00	90.00	268.89	9,642.00	-495.37	-314.85	323.87	0.00	0.00	0.00
10,200.00	90.00	268.89	9,642.00	-497.30	-414.83	423.87	0.00	0.00	0.00
10,300.00	90.00	268.89	9,642.00	-499.23	-514.81	523.87	0.00	0.00	0.00
10,400.00	90.00	268.89	9,642.00	-501.16	-614.79	623.87	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: Bindel 4 Fee Pad
Well: Bindel 4 Fee 1H
Wellbore: Wellbore #1
Design: Plan #2 On Lease POP

Local Co-ordinate Reference: Well Bindel 4 Fee 1H
TVD Reference: GL 3126 + RKB 26 = @ 3152.00usft (HP 265)
MD Reference: GL 3126 + RKB 26 = @ 3152.00usft (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)
10,500.00	90.00	268.89	9,642.00	-503.09	-714.78	723.87	0.00	0.00	0.00
10,600.00	90.00	268.89	9,642.00	-505.02	-814.76	823.87	0.00	0.00	0.00
10,700.00	90.00	268.89	9,642.00	-508.95	-914.74	923.87	0.00	0.00	0.00
10,800.00	90.00	268.89	9,642.00	-508.89	-1,014.72	1,023.87	0.00	0.00	0.00
10,900.00	90.00	268.89	9,642.00	-510.82	-1,114.70	1,123.87	0.00	0.00	0.00
11,000.00	90.00	268.89	9,642.00	-512.75	-1,214.68	1,223.87	0.00	0.00	0.00
11,100.00	90.00	268.89	9,642.00	-514.68	-1,314.66	1,323.87	0.00	0.00	0.00
11,200.00	90.00	268.89	9,642.00	-516.61	-1,414.64	1,423.87	0.00	0.00	0.00
11,300.00	90.00	268.89	9,642.00	-518.54	-1,514.63	1,523.87	0.00	0.00	0.00
11,400.00	90.00	268.89	9,642.00	-520.47	-1,614.61	1,623.87	0.00	0.00	0.00
11,500.00	90.00	268.89	9,642.00	-522.40	-1,714.59	1,723.87	0.00	0.00	0.00
11,600.00	90.00	268.89	9,642.00	-524.33	-1,814.57	1,823.87	0.00	0.00	0.00
11,700.00	90.00	268.89	9,642.00	-526.27	-1,914.55	1,923.87	0.00	0.00	0.00
11,800.00	90.00	268.89	9,642.00	-528.20	-2,014.53	2,023.87	0.00	0.00	0.00
11,900.00	90.00	268.89	9,642.00	-530.13	-2,114.51	2,123.87	0.00	0.00	0.00
12,000.00	90.00	268.89	9,642.00	-532.06	-2,214.50	2,223.87	0.00	0.00	0.00
12,100.00	90.00	268.89	9,642.00	-533.99	-2,314.48	2,323.87	0.00	0.00	0.00
12,200.00	90.00	268.89	9,642.00	-535.92	-2,414.46	2,423.87	0.00	0.00	0.00
12,300.00	90.00	268.89	9,642.00	-537.85	-2,514.44	2,523.87	0.00	0.00	0.00
12,400.00	90.00	268.89	9,642.00	-539.78	-2,614.42	2,623.87	0.00	0.00	0.00
12,500.00	90.00	268.89	9,642.00	-541.71	-2,714.40	2,723.87	0.00	0.00	0.00
12,600.00	90.00	268.89	9,642.00	-543.64	-2,814.38	2,823.87	0.00	0.00	0.00
12,700.00	90.00	268.89	9,642.00	-545.58	-2,914.37	2,923.87	0.00	0.00	0.00
12,800.00	90.00	268.89	9,642.00	-547.51	-3,014.35	3,023.87	0.00	0.00	0.00
12,900.00	90.00	268.89	9,642.00	-549.44	-3,114.33	3,123.87	0.00	0.00	0.00
13,000.00	90.00	268.89	9,642.00	-551.37	-3,214.31	3,223.87	0.00	0.00	0.00
13,100.00	90.00	268.89	9,642.00	-553.30	-3,314.29	3,323.87	0.00	0.00	0.00
13,200.00	90.00	268.89	9,642.00	-555.23	-3,414.27	3,423.87	0.00	0.00	0.00
13,300.00	90.00	268.89	9,642.00	-557.16	-3,514.25	3,523.87	0.00	0.00	0.00
13,400.00	90.00	268.89	9,642.00	-559.09	-3,614.23	3,623.87	0.00	0.00	0.00
13,500.00	90.00	268.89	9,642.00	-561.02	-3,714.22	3,723.87	0.00	0.00	0.00
13,600.00	90.00	268.89	9,642.00	-562.95	-3,814.20	3,823.87	0.00	0.00	0.00
13,700.00	90.00	268.89	9,642.00	-564.89	-3,914.18	3,923.87	0.00	0.00	0.00
13,800.00	90.00	268.89	9,642.00	-566.82	-4,014.16	4,023.87	0.00	0.00	0.00
13,900.00	90.00	268.89	9,642.00	-568.75	-4,114.14	4,123.87	0.00	0.00	0.00
14,000.00	90.00	268.89	9,642.00	-570.68	-4,214.12	4,223.87	0.00	0.00	0.00
14,100.00	90.00	268.89	9,642.00	-572.61	-4,314.10	4,323.87	0.00	0.00	0.00
14,140.90	90.00	268.89	9,642.00	-573.40	-4,355.00	4,364.78	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: Bindel 4 Fee Pad
Well: Bindel 4 Fee 1H
Wellbore: Wellbore #1
Design: Plan #2 On Lease POP

Local Co-ordinate Reference: Well Bindel 4 Fee 1H
TVD Reference: GL 3126 + RKB 26 = @ 3152.00usft (HP 265)
MD Reference: GL 3126 + RKB 26 = @ 3152.00usft (HP 265)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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
Bin4Fee1H POP - plan misses target center by 660.24usft at 9096.18usft MD (9069.04 TVD, -482.30 N, 361.80 E) - Point	0.00	0.00	9,069.04	-474.90	1,022.00	485,693.50	586,991.50	32.335157	-104.185517
on popo - plan hits target center - Point	0.00	0.00	9,069.04	-482.30	361.80	485,686.10	586,331.30	32.335139	-104.187654
Bin4Fee1H LTP - plan misses target center by 0.03usft at 14040.89usft MD (9642.00 TVD, -571.47 N, -4255.00 E) - Point	0.00	0.00	9,642.00	-571.50	-4,255.00	485,596.90	581,714.50	32.334910	-104.202603
Bin4Fee1H FTP - plan misses target center by 237.37usft at 9550.00usft MD (9476.87 TVD, -485.59 N, 191.31 E) - Point	0.00	0.00	9,642.00	-482.30	361.80	485,686.10	586,331.30	32.335139	-104.187654
Bin4Fee1H BHL - plan hits target center - Point	0.00	0.00	9,642.00	-573.40	-4,355.00	485,595.00	581,614.50	32.334905	-104.202927

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
2,131.00	2,131.00	9 5/8"	9-5/8	12-1/4

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (bearing)
355.00	355.00	Salado			
698.00	698.00	Castile			
2,131.00	2,131.00	Bell Canyon (Base of Salt)			
3,093.94	3,091.00	Cherry Canyon			
4,040.87	4,034.00	Brushy Canyon			
5,575.24	5,562.00	Bone Spring			
6,001.01	5,986.00	Avalon			
6,524.18	6,507.00	1st Bone Spring Sand			
6,808.36	6,790.00	2nd Bone Spring Lime			
7,136.73	7,117.00	2nd Bone Spring Sand			
7,349.61	7,329.00	3rd Bone Spring Lime			
8,613.86	8,588.00	3rd Bone Spring Sand			
8,957.09	8,930.00	Wolfcamp Top			
8,989.12	8,962.00	WC_X			
9,054.14	9,027.00	WC_Y			
9,094.14	9,067.00	Wolfcamp A			
9,287.69	9,257.00	Wolfcamp B			
9,491.85	9,434.00	Wolfcamp C			
9,840.59	9,621.00	Wolfcamp D			
9,856.27	9,625.00	Top Target			
9,996.18	9,642.00	Landing Point			

Scientific Drilling, Intl
Planning Report

Database:	Midland District	Local Co-ordinate Reference:	Well Bindel 4 Fee 1H
Company:	WPX Energy	TVD Reference:	GL 3126 + RKB 26 = @ 3152.00usft (HP 265)
Project:	Eddy County, New Mexico (NAD 83)	MD Reference:	GL 3126 + RKB 26 = @ 3152.00usft (HP 265)
Site:	Bindel 4 Fee Pad	North Reference:	Grid
Well:	Bindel 4 Fee 1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #2 On Lease POP		