

Submit a 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. 30-015-53765	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name RED EAGLE 18 STATE COM	
8. Well Number 134H	
9. OGRID Number 372165	
10. Pool name or Wildcat WINCHESTER; WOLFCAMP,	
4. Well Location Unit Letter P : 531 feet from the SOUTH line and 182 feet from the EAST line Section 18 Township 19S Range 28E NMPM County EDDY	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3528.32'	

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.

Permian Resources Operating, LLC respectfully requests to move the SHL from 531' FSL & 185' FEL to 531' FSL & 182' FEL. Updated directional survey and well plat attached.

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 Ashley Brown TITLE Sr. Regulatory Analyst DATE 07/10/23

Type or print name Ashley Brown E-mail address: ashley.brown@permianres.com PHONE: (432) 400-2972

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

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) 748-9720

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-53765	2 Pool Code [97044]	3 Pool Name WINCHESTER;WOLFCAMP, NORTHWEST
4 Property Code 337429	5 Property Name RED EAGLE 18 STATE COM	6 Well Number 134H
7 OGRID No. 372165	8 Operator Name PERMIAN RESOURCES OPERATING, LLC	9 Elevation 3528.32'

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	18	19-S	28-E		531'	SOUTH	182'	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
O	13	19-S	27-E		990'	SOUTH	2630'	EAST	EDDY

12 Dedicated Acres 243.03	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.

LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=572545.68 LAT.= 32.65573822° N Y=602303.45 LONG.= 104.23192960° W NEW MEXICO EAST - NAD 27 X=531365.92 LAT.= 32.65562202° N Y=602241.54 LONG.= 104.23141943° W 990' FSL, 2540' FEL - SECTION 13 SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X=580203.64 LAT.= 32.65463112° N Y=601908.89 LONG.= 104.20704842° W NEW MEXICO EAST - NAD 27 X=539023.87 LAT.= 32.65451466° N Y=601846.93 LONG.= 104.20653885° W 531' FSL, 182' FEL - SECTION 18 BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=572455.67 LAT.= 32.65574304° N Y=602305.11 LONG.= 104.2322207° W NEW MEXICO EAST - NAD 27 X=531275.90 LAT.= 32.65562684° N Y=602243.21 LONG.= 104.23171189° W 990' FSL, 2630' FEL - SECTION 13 FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=580288.10 LAT.= 32.65589936° N Y=602370.38 LONG.= 104.20677219° W NEW MEXICO EAST - NAD 27 X=539108.34 LAT.= 32.65578290° N Y=602308.42 LONG.= 104.20622620° W 990' FSL, 100' FEL - SECTION 18	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>Ashley Brown</i> 07/10/23 Signature Date Ashley Brown Printed Name ashley.brown@permianres.com E-mail Address 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. CHARLES L. JURICA Date of Survey 06/12/2023 Signature and Seal of Professional Surveyor 25490 Certificate Number
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PERMIAN

R E S O U R C E S

NEW MEXICO

(SP) EDDY

RED EAGLE

RED EAGLE 18 ST COM 134H

OWB

Plan: PWP0

Standard Planning Report - Geographic

13 June, 2023

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well RED EAGLE 18 ST COM 134H
Company:	NEW MEXICO	TVD Reference:	GL @ 3528.3usft
Project:	(SP) EDDY	MD Reference:	GL @ 3528.3usft
Site:	RED EAGLE	North Reference:	Grid
Well:	RED EAGLE 18 ST COM 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Project	(SP) EDDY		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site		RED EAGLE			
Site Position:		Northing:	601,909.06 usft	Latitude:	32° 39' 16.674 N
From:	Map	Easting:	580,170.64 usft	Longitude:	104° 12' 25.760 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.07 °

Well	RED EAGLE 18 ST COM 134H					
Well Position	+N/-S	0.0 usft	Northing:	601,908.89 usft	Latitude:	32° 39' 16.672 N
	+E/-W	0.0 usft	Easting:	580,203.64 usft	Longitude:	104° 12' 25.374 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,528.3 usft

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	8.07	60.53	48,979.93754244

Design	PWP0			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	272.93

Plan Survey Tool Program	Date	6/13/2023		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	16,048.4 PWP0 (OWB)	MWD+IFR1+MS	
			OWSG_Rev2_ MWD + IFR1 +	

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,000.0	0.00	0.01	2,000.0	0.0	0.0	0.00	0.00	0.00	0.01	
2,600.0	6.00	12.00	2,598.9	30.7	6.5	1.00	1.00	0.00	12.00	
6,523.0	6.00	12.00	6,500.4	431.8	91.8	0.00	0.00	0.00	0.00	
7,123.0	0.00	0.00	7,099.3	462.5	98.3	1.00	-1.00	0.00	180.00	
7,929.5	0.00	0.01	7,905.8	462.5	98.3	0.00	0.00	0.00	0.01	
8,679.1	90.00	269.52	8,383.0	458.5	-378.9	12.01	12.01	0.00	269.52	
8,752.9	90.00	269.52	8,383.0	457.9	-452.7	0.00	0.00	0.00	0.00	
16,048.4	90.00	269.52	8,383.0	396.2	-7,748.0	0.00	0.00	0.00	0.00	RED EAGLE 18 ST C

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well RED EAGLE 18 ST COM 134H
Company:	NEW MEXICO	TVD Reference:	GL @ 3528.3usft
Project:	(SP) EDDY	MD Reference:	GL @ 3528.3usft
Site:	RED EAGLE	North Reference:	Grid
Well:	RED EAGLE 18 ST COM 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.0	0.00	0.00	0.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
100.0	0.00	0.00	100.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
200.0	0.00	0.00	200.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
300.0	0.00	0.00	300.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
400.0	0.00	0.00	400.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
500.0	0.00	0.00	500.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
600.0	0.00	0.00	600.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
700.0	0.00	0.00	700.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
800.0	0.00	0.00	800.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
900.0	0.00	0.00	900.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
1,000.0	0.00	0.00	1,000.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
1,100.0	0.00	0.00	1,100.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
1,200.0	0.00	0.00	1,200.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
1,300.0	0.00	0.00	1,300.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
1,400.0	0.00	0.00	1,400.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
1,500.0	0.00	0.00	1,500.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
1,600.0	0.00	0.00	1,600.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
1,700.0	0.00	0.00	1,700.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
1,800.0	0.00	0.00	1,800.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
1,900.0	0.00	0.00	1,900.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
2,000.0	0.00	0.01	2,000.0	0.0	0.0	601,908.89	580,203.64	32° 39' 16.672 N	104° 12' 25.374 W
2,100.0	1.00	12.00	2,100.0	0.9	0.2	601,909.75	580,203.82	32° 39' 16.681 N	104° 12' 25.372 W
2,200.0	2.00	12.00	2,200.0	3.4	0.7	601,912.31	580,204.37	32° 39' 16.706 N	104° 12' 25.366 W
2,300.0	3.00	12.00	2,299.9	7.7	1.6	601,916.57	580,205.28	32° 39' 16.748 N	104° 12' 25.355 W
2,400.0	4.00	12.00	2,399.7	13.7	2.9	601,922.55	580,206.54	32° 39' 16.807 N	104° 12' 25.340 W
2,500.0	5.00	12.00	2,499.4	21.3	4.5	601,930.22	580,208.18	32° 39' 16.883 N	104° 12' 25.321 W
2,600.0	6.00	12.00	2,598.9	30.7	6.5	601,939.59	580,210.17	32° 39' 16.976 N	104° 12' 25.298 W
2,700.0	6.00	12.00	2,698.4	40.9	8.7	601,949.82	580,212.34	32° 39' 17.077 N	104° 12' 25.272 W
2,800.0	6.00	12.00	2,797.8	51.2	10.9	601,960.04	580,214.52	32° 39' 17.178 N	104° 12' 25.246 W
2,900.0	6.00	12.00	2,897.3	61.4	13.0	601,970.27	580,216.69	32° 39' 17.279 N	104° 12' 25.221 W
3,000.0	6.00	12.00	2,996.7	71.6	15.2	601,980.49	580,218.86	32° 39' 17.380 N	104° 12' 25.195 W
3,100.0	6.00	12.00	3,096.2	81.8	17.4	601,990.72	580,221.04	32° 39' 17.482 N	104° 12' 25.170 W
3,200.0	6.00	12.00	3,195.6	92.0	19.6	602,000.94	580,223.21	32° 39' 17.583 N	104° 12' 25.144 W
3,300.0	6.00	12.00	3,295.1	102.3	21.7	602,011.17	580,225.38	32° 39' 17.684 N	104° 12' 25.119 W
3,400.0	6.00	12.00	3,394.5	112.5	23.9	602,021.39	580,227.55	32° 39' 17.785 N	104° 12' 25.093 W
3,500.0	6.00	12.00	3,494.0	122.7	26.1	602,031.61	580,229.73	32° 39' 17.886 N	104° 12' 25.067 W
3,600.0	6.00	12.00	3,593.4	132.9	28.3	602,041.84	580,231.90	32° 39' 17.987 N	104° 12' 25.042 W
3,700.0	6.00	12.00	3,692.9	143.2	30.4	602,052.06	580,234.07	32° 39' 18.088 N	104° 12' 25.016 W
3,800.0	6.00	12.00	3,792.3	153.4	32.6	602,062.29	580,236.25	32° 39' 18.190 N	104° 12' 24.991 W
3,900.0	6.00	12.00	3,891.8	163.6	34.8	602,072.51	580,238.42	32° 39' 18.291 N	104° 12' 24.965 W
4,000.0	6.00	12.00	3,991.2	173.8	37.0	602,082.74	580,240.59	32° 39' 18.392 N	104° 12' 24.940 W
4,100.0	6.00	12.00	4,090.7	184.1	39.1	602,092.96	580,242.77	32° 39' 18.493 N	104° 12' 24.914 W
4,200.0	6.00	12.00	4,190.1	194.3	41.3	602,103.19	580,244.94	32° 39' 18.594 N	104° 12' 24.889 W
4,300.0	6.00	12.00	4,289.6	204.5	43.5	602,113.41	580,247.11	32° 39' 18.695 N	104° 12' 24.863 W
4,400.0	6.00	12.00	4,389.0	214.7	45.6	602,123.63	580,249.29	32° 39' 18.796 N	104° 12' 24.837 W
4,500.0	6.00	12.00	4,488.5	225.0	47.8	602,133.86	580,251.46	32° 39' 18.898 N	104° 12' 24.812 W
4,600.0	6.00	12.00	4,587.9	235.2	50.0	602,144.08	580,253.63	32° 39' 18.999 N	104° 12' 24.786 W
4,700.0	6.00	12.00	4,687.4	245.4	52.2	602,154.31	580,255.81	32° 39' 19.100 N	104° 12' 24.761 W
4,800.0	6.00	12.00	4,786.9	255.6	54.3	602,164.53	580,257.98	32° 39' 19.201 N	104° 12' 24.735 W
4,900.0	6.00	12.00	4,886.3	265.9	56.5	602,174.76	580,260.15	32° 39' 19.302 N	104° 12' 24.710 W
5,000.0	6.00	12.00	4,985.8	276.1	58.7	602,184.98	580,262.33	32° 39' 19.403 N	104° 12' 24.684 W
5,100.0	6.00	12.00	5,085.2	286.3	60.9	602,195.21	580,264.50	32° 39' 19.505 N	104° 12' 24.658 W
5,200.0	6.00	12.00	5,184.7	296.5	63.0	602,205.43	580,266.67	32° 39' 19.606 N	104° 12' 24.633 W
5,300.0	6.00	12.00	5,284.1	306.8	65.2	602,215.65	580,268.85	32° 39' 19.707 N	104° 12' 24.607 W
5,400.0	6.00	12.00	5,383.6	317.0	67.4	602,225.88	580,271.02	32° 39' 19.808 N	104° 12' 24.582 W

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well RED EAGLE 18 ST COM 134H
Company:	NEW MEXICO	TVD Reference:	GL @ 3528.3usft
Project:	(SP) EDDY	MD Reference:	GL @ 3528.3usft
Site:	RED EAGLE	North Reference:	Grid
Well:	RED EAGLE 18 ST COM 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
5,500.0	6.00	12.00	5,483.0	327.2	69.6	602,236.10	580,273.19	32° 39' 19.909 N	104° 12' 24.556 W
5,600.0	6.00	12.00	5,582.5	337.4	71.7	602,246.33	580,275.37	32° 39' 20.010 N	104° 12' 24.531 W
5,700.0	6.00	12.00	5,681.9	347.7	73.9	602,256.55	580,277.54	32° 39' 20.111 N	104° 12' 24.505 W
5,800.0	6.00	12.00	5,781.4	357.9	76.1	602,266.78	580,279.71	32° 39' 20.213 N	104° 12' 24.480 W
5,900.0	6.00	12.00	5,880.8	368.1	78.2	602,277.00	580,281.89	32° 39' 20.314 N	104° 12' 24.454 W
6,000.0	6.00	12.00	5,980.3	378.3	80.4	602,287.23	580,284.06	32° 39' 20.415 N	104° 12' 24.428 W
6,100.0	6.00	12.00	6,079.7	388.6	82.6	602,297.45	580,286.23	32° 39' 20.516 N	104° 12' 24.403 W
6,200.0	6.00	12.00	6,179.2	398.8	84.8	602,307.67	580,288.41	32° 39' 20.617 N	104° 12' 24.377 W
6,300.0	6.00	12.00	6,278.6	409.0	86.9	602,317.90	580,290.58	32° 39' 20.718 N	104° 12' 24.352 W
6,400.0	6.00	12.00	6,378.1	419.2	89.1	602,328.12	580,292.75	32° 39' 20.819 N	104° 12' 24.326 W
6,500.0	6.00	12.00	6,477.5	429.5	91.3	602,338.35	580,294.93	32° 39' 20.921 N	104° 12' 24.301 W
6,523.0	6.00	12.00	6,500.4	431.8	91.8	602,340.70	580,295.43	32° 39' 20.944 N	104° 12' 24.295 W
6,600.0	5.23	12.00	6,577.0	439.2	93.3	602,348.07	580,296.99	32° 39' 21.017 N	104° 12' 24.276 W
6,700.0	4.23	12.00	6,676.7	447.2	95.1	602,356.13	580,298.71	32° 39' 21.097 N	104° 12' 24.256 W
6,800.0	3.23	12.00	6,776.5	453.6	96.4	602,362.50	580,300.06	32° 39' 21.159 N	104° 12' 24.240 W
6,900.0	2.23	12.00	6,876.4	458.3	97.4	602,367.16	580,301.05	32° 39' 21.206 N	104° 12' 24.229 W
7,000.0	1.23	12.00	6,976.3	461.2	98.0	602,370.11	580,301.68	32° 39' 21.235 N	104° 12' 24.221 W
7,100.0	0.23	12.00	7,076.3	462.5	98.3	602,371.36	580,301.94	32° 39' 21.247 N	104° 12' 24.218 W
7,123.0	0.00	0.00	7,099.3	462.5	98.3	602,371.40	580,301.95	32° 39' 21.248 N	104° 12' 24.218 W
7,200.0	0.00	0.00	7,176.3	462.5	98.3	602,371.40	580,301.95	32° 39' 21.248 N	104° 12' 24.218 W
7,300.0	0.00	0.00	7,276.3	462.5	98.3	602,371.40	580,301.95	32° 39' 21.248 N	104° 12' 24.218 W
7,400.0	0.00	0.00	7,376.3	462.5	98.3	602,371.40	580,301.95	32° 39' 21.248 N	104° 12' 24.218 W
7,500.0	0.00	0.00	7,476.3	462.5	98.3	602,371.40	580,301.95	32° 39' 21.248 N	104° 12' 24.218 W
7,600.0	0.00	0.00	7,576.3	462.5	98.3	602,371.40	580,301.95	32° 39' 21.248 N	104° 12' 24.218 W
7,700.0	0.00	0.00	7,676.3	462.5	98.3	602,371.40	580,301.95	32° 39' 21.248 N	104° 12' 24.218 W
7,800.0	0.00	0.00	7,776.3	462.5	98.3	602,371.40	580,301.95	32° 39' 21.248 N	104° 12' 24.218 W
7,900.0	0.00	0.00	7,876.3	462.5	98.3	602,371.40	580,301.95	32° 39' 21.248 N	104° 12' 24.218 W
7,929.5	0.00	0.01	7,905.8	462.5	98.3	602,371.40	580,301.95	32° 39' 21.248 N	104° 12' 24.218 W
7,930.0	0.06	269.52	7,906.3	462.5	98.3	602,371.40	580,301.95	32° 39' 21.248 N	104° 12' 24.218 W
KOP									
8,000.0	8.46	269.52	7,976.1	462.5	93.1	602,371.36	580,296.75	32° 39' 21.247 N	104° 12' 24.279 W
8,100.0	20.47	269.52	8,072.7	462.3	68.2	602,371.15	580,271.82	32° 39' 21.245 N	104° 12' 24.570 W
8,200.0	32.48	269.52	8,162.1	461.9	23.7	602,370.78	580,227.32	32° 39' 21.242 N	104° 12' 25.091 W
8,300.0	44.49	269.52	8,240.2	461.4	-38.4	602,370.25	580,165.20	32° 39' 21.238 N	104° 12' 25.818 W
8,301.0	44.60	269.52	8,240.9	461.4	-39.1	602,370.25	580,164.52	32° 39' 21.238 N	104° 12' 25.826 W
RED EAGLE 18 ST COM 134H - FTP									
8,375.0	53.49	269.52	8,289.4	460.9	-95.0	602,369.78	580,108.67	32° 39' 21.234 N	104° 12' 26.479 W
FTP									
8,400.0	56.49	269.52	8,303.7	460.7	-115.4	602,369.61	580,088.20	32° 39' 21.232 N	104° 12' 26.718 W
8,500.0	68.50	269.52	8,349.8	460.0	-204.0	602,368.87	579,999.66	32° 39' 21.226 N	104° 12' 27.754 W
8,600.0	80.51	269.52	8,376.5	459.2	-300.2	602,368.06	579,903.48	32° 39' 21.219 N	104° 12' 28.879 W
8,679.0	89.99	269.52	8,383.0	458.5	-378.8	602,367.40	579,824.84	32° 39' 21.214 N	104° 12' 29.799 W
EOC									
8,679.1	90.00	269.52	8,383.0	458.5	-378.9	602,367.40	579,824.79	32° 39' 21.214 N	104° 12' 29.800 W
8,700.0	90.00	269.52	8,383.0	458.3	-399.8	602,367.23	579,803.84	32° 39' 21.212 N	104° 12' 30.045 W
8,752.9	90.00	269.52	8,383.0	457.9	-452.7	602,366.78	579,750.93	32° 39' 21.208 N	104° 12' 30.663 W
8,800.0	90.00	269.52	8,383.0	457.5	-499.8	602,366.39	579,703.85	32° 39' 21.205 N	104° 12' 31.214 W
8,900.0	90.00	269.52	8,383.0	456.7	-599.8	602,365.55	579,603.85	32° 39' 21.198 N	104° 12' 32.384 W
9,000.0	90.00	269.52	8,383.0	455.8	-699.8	602,364.71	579,503.85	32° 39' 21.191 N	104° 12' 33.554 W
9,100.0	90.00	269.52	8,383.0	455.0	-799.8	602,363.87	579,403.86	32° 39' 21.184 N	104° 12' 34.723 W
9,200.0	90.00	269.52	8,383.0	454.1	-899.8	602,363.04	579,303.86	32° 39' 21.176 N	104° 12' 35.893 W
9,300.0	90.00	269.52	8,383.0	453.3	-999.8	602,362.20	579,203.86	32° 39' 21.169 N	104° 12' 37.063 W
9,400.0	90.00	269.52	8,383.0	452.5	-1,099.8	602,361.36	579,103.87	32° 39' 21.162 N	104° 12' 38.232 W
9,500.0	90.00	269.52	8,383.0	451.6	-1,199.8	602,360.52	579,003.87	32° 39' 21.155 N	104° 12' 39.402 W

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well RED EAGLE 18 ST COM 134H
Company:	NEW MEXICO	TVD Reference:	GL @ 3528.3usft
Project:	(SP) EDDY	MD Reference:	GL @ 3528.3usft
Site:	RED EAGLE	North Reference:	Grid
Well:	RED EAGLE 18 ST COM 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
9,600.0	90.00	269.52	8,383.0	450.8	-1,299.8	602,359.68	578,903.88	32° 39' 21.148 N	104° 12' 40.572 W	
9,700.0	90.00	269.52	8,383.0	450.0	-1,399.8	602,358.85	578,803.88	32° 39' 21.141 N	104° 12' 41.742 W	
9,800.0	90.00	269.52	8,383.0	449.1	-1,499.8	602,358.01	578,703.88	32° 39' 21.134 N	104° 12' 42.911 W	
9,900.0	90.00	269.52	8,383.0	448.3	-1,599.8	602,357.17	578,603.89	32° 39' 21.126 N	104° 12' 44.081 W	
10,000.0	90.00	269.52	8,383.0	447.4	-1,699.8	602,356.33	578,503.89	32° 39' 21.119 N	104° 12' 45.251 W	
10,100.0	90.00	269.52	8,383.0	446.6	-1,799.8	602,355.50	578,403.89	32° 39' 21.112 N	104° 12' 46.420 W	
10,200.0	90.00	269.52	8,383.0	445.8	-1,899.7	602,354.66	578,303.90	32° 39' 21.105 N	104° 12' 47.590 W	
10,300.0	90.00	269.52	8,383.0	444.9	-1,999.7	602,353.82	578,203.90	32° 39' 21.098 N	104° 12' 48.760 W	
10,400.0	90.00	269.52	8,383.0	444.1	-2,099.7	602,352.98	578,103.90	32° 39' 21.091 N	104° 12' 49.930 W	
10,500.0	90.00	269.52	8,383.0	443.3	-2,199.7	602,352.15	578,003.91	32° 39' 21.083 N	104° 12' 51.099 W	
10,600.0	90.00	269.52	8,383.0	442.4	-2,299.7	602,351.31	577,903.91	32° 39' 21.076 N	104° 12' 52.269 W	
10,700.0	90.00	269.52	8,383.0	441.6	-2,399.7	602,350.47	577,803.91	32° 39' 21.069 N	104° 12' 53.439 W	
10,800.0	90.00	269.52	8,383.0	440.7	-2,499.7	602,349.63	577,703.92	32° 39' 21.062 N	104° 12' 54.608 W	
10,900.0	90.00	269.52	8,383.0	439.9	-2,599.7	602,348.79	577,603.92	32° 39' 21.055 N	104° 12' 55.778 W	
11,000.0	90.00	269.52	8,383.0	439.1	-2,699.7	602,347.96	577,503.92	32° 39' 21.047 N	104° 12' 56.948 W	
11,100.0	90.00	269.52	8,383.0	438.2	-2,799.7	602,347.12	577,403.93	32° 39' 21.040 N	104° 12' 58.117 W	
11,200.0	90.00	269.52	8,383.0	437.4	-2,899.7	602,346.28	577,303.93	32° 39' 21.033 N	104° 12' 59.287 W	
11,300.0	90.00	269.52	8,383.0	436.5	-2,999.7	602,345.44	577,203.93	32° 39' 21.026 N	104° 13' 0.457 W	
11,400.0	90.00	269.52	8,383.0	435.7	-3,099.7	602,344.61	577,103.94	32° 39' 21.019 N	104° 13' 1.627 W	
11,500.0	90.00	269.52	8,383.0	434.9	-3,199.7	602,343.77	577,003.94	32° 39' 21.011 N	104° 13' 2.796 W	
11,600.0	90.00	269.52	8,383.0	434.0	-3,299.7	602,342.93	576,903.95	32° 39' 21.004 N	104° 13' 3.966 W	
11,700.0	90.00	269.52	8,383.0	433.2	-3,399.7	602,342.09	576,803.95	32° 39' 20.997 N	104° 13' 5.136 W	
11,800.0	90.00	269.52	8,383.0	432.4	-3,499.7	602,341.25	576,703.95	32° 39' 20.990 N	104° 13' 6.305 W	
11,900.0	90.00	269.52	8,383.0	431.5	-3,599.7	602,340.42	576,603.96	32° 39' 20.983 N	104° 13' 7.475 W	
12,000.0	90.00	269.52	8,383.0	430.7	-3,699.7	602,339.58	576,503.96	32° 39' 20.975 N	104° 13' 8.645 W	
12,100.0	90.00	269.52	8,383.0	429.8	-3,799.7	602,338.74	576,403.96	32° 39' 20.968 N	104° 13' 9.815 W	
12,200.0	90.00	269.52	8,383.0	429.0	-3,899.7	602,337.90	576,303.97	32° 39' 20.961 N	104° 13' 10.984 W	
12,300.0	90.00	269.52	8,383.0	428.2	-3,999.7	602,337.07	576,203.97	32° 39' 20.954 N	104° 13' 12.154 W	
12,400.0	90.00	269.52	8,383.0	427.3	-4,099.7	602,336.23	576,103.97	32° 39' 20.946 N	104° 13' 13.324 W	
12,500.0	90.00	269.52	8,383.0	426.5	-4,199.7	602,335.39	576,003.98	32° 39' 20.939 N	104° 13' 14.493 W	
12,600.0	90.00	269.52	8,383.0	425.7	-4,299.7	602,334.55	575,903.98	32° 39' 20.932 N	104° 13' 15.663 W	
12,700.0	90.00	269.52	8,383.0	424.8	-4,399.7	602,333.71	575,803.98	32° 39' 20.925 N	104° 13' 16.833 W	
12,800.0	90.00	269.52	8,383.0	424.0	-4,499.7	602,332.88	575,703.99	32° 39' 20.917 N	104° 13' 18.002 W	
12,900.0	90.00	269.52	8,383.0	423.1	-4,599.7	602,332.04	575,603.99	32° 39' 20.910 N	104° 13' 19.172 W	
13,000.0	90.00	269.52	8,383.0	422.3	-4,699.6	602,331.20	575,503.99	32° 39' 20.903 N	104° 13' 20.342 W	
13,100.0	90.00	269.52	8,383.0	421.5	-4,799.6	602,330.36	575,404.00	32° 39' 20.896 N	104° 13' 21.512 W	
13,200.0	90.00	269.52	8,383.0	420.6	-4,899.6	602,329.53	575,304.00	32° 39' 20.888 N	104° 13' 22.681 W	
13,300.0	90.00	269.52	8,383.0	419.8	-4,999.6	602,328.69	575,204.00	32° 39' 20.881 N	104° 13' 23.851 W	
13,400.0	90.00	269.52	8,383.0	419.0	-5,099.6	602,327.85	575,104.01	32° 39' 20.874 N	104° 13' 25.021 W	
13,500.0	90.00	269.52	8,383.0	418.1	-5,199.6	602,327.01	575,004.01	32° 39' 20.867 N	104° 13' 26.190 W	
13,600.0	90.00	269.52	8,383.0	417.3	-5,299.6	602,326.17	574,904.02	32° 39' 20.859 N	104° 13' 27.360 W	
13,700.0	90.00	269.52	8,383.0	416.4	-5,399.6	602,325.34	574,804.02	32° 39' 20.852 N	104° 13' 28.530 W	
13,800.0	90.00	269.52	8,383.0	415.6	-5,499.6	602,324.50	574,704.02	32° 39' 20.845 N	104° 13' 29.699 W	
13,900.0	90.00	269.52	8,383.0	414.8	-5,599.6	602,323.66	574,604.03	32° 39' 20.837 N	104° 13' 30.869 W	
14,000.0	90.00	269.52	8,383.0	413.9	-5,699.6	602,322.82	574,504.03	32° 39' 20.830 N	104° 13' 32.039 W	
14,100.0	90.00	269.52	8,383.0	413.1	-5,799.6	602,321.99	574,404.03	32° 39' 20.823 N	104° 13' 33.209 W	
14,200.0	90.00	269.52	8,383.0	412.3	-5,899.6	602,321.15	574,304.04	32° 39' 20.816 N	104° 13' 34.378 W	
14,300.0	90.00	269.52	8,383.0	411.4	-5,999.6	602,320.31	574,204.04	32° 39' 20.808 N	104° 13' 35.548 W	
14,400.0	90.00	269.52	8,383.0	410.6	-6,099.6	602,319.47	574,104.04	32° 39' 20.801 N	104° 13' 36.718 W	
14,500.0	90.00	269.52	8,383.0	409.7	-6,199.6	602,318.64	574,004.05	32° 39' 20.794 N	104° 13' 37.887 W	
14,600.0	90.00	269.52	8,383.0	408.9	-6,299.6	602,317.80	573,904.05	32° 39' 20.786 N	104° 13' 39.057 W	
14,700.0	90.00	269.52	8,383.0	408.1	-6,399.6	602,316.96	573,804.05	32° 39' 20.779 N	104° 13' 40.227 W	
14,800.0	90.00	269.52	8,383.0	407.2	-6,499.6	602,316.12	573,704.06	32° 39' 20.772 N	104° 13' 41.397 W	
14,900.0	90.00	269.52	8,383.0	406.4	-6,599.6	602,315.28	573,604.06	32° 39' 20.765 N	104° 13' 42.566 W	
15,000.0	90.00	269.52	8,383.0	405.6	-6,699.6	602,314.45	573,504.06	32° 39' 20.757 N	104° 13' 43.736 W	

PERMIAN

RESOURCES

Permian Resources

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well RED EAGLE 18 ST COM 134H
Company:	NEW MEXICO	TVD Reference:	GL @ 3528.3usft
Project:	(SP) EDDY	MD Reference:	GL @ 3528.3usft
Site:	RED EAGLE	North Reference:	Grid
Well:	RED EAGLE 18 ST COM 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
15,100.0	90.00	269.52	8,383.0	404.7	-6,799.6	602,313.61	573,404.07	32° 39' 20.750 N	104° 13' 44.906 W	
15,200.0	90.00	269.52	8,383.0	403.9	-6,899.6	602,312.77	573,304.07	32° 39' 20.743 N	104° 13' 46.075 W	
15,300.0	90.00	269.52	8,383.0	403.0	-6,999.6	602,311.93	573,204.07	32° 39' 20.735 N	104° 13' 47.245 W	
15,400.0	90.00	269.52	8,383.0	402.2	-7,099.6	602,311.10	573,104.08	32° 39' 20.728 N	104° 13' 48.415 W	
15,500.0	90.00	269.52	8,383.0	401.4	-7,199.6	602,310.26	573,004.08	32° 39' 20.721 N	104° 13' 49.584 W	
15,600.0	90.00	269.52	8,383.0	400.5	-7,299.6	602,309.42	572,904.09	32° 39' 20.713 N	104° 13' 50.754 W	
15,700.0	90.00	269.52	8,383.0	399.7	-7,399.6	602,308.58	572,804.09	32° 39' 20.706 N	104° 13' 51.924 W	
15,800.0	90.00	269.52	8,383.0	398.9	-7,499.6	602,307.74	572,704.09	32° 39' 20.699 N	104° 13' 53.094 W	
15,900.0	90.00	269.52	8,383.0	398.0	-7,599.5	602,306.91	572,604.10	32° 39' 20.691 N	104° 13' 54.263 W	
15,955.4	90.00	269.52	8,383.0	397.5	-7,654.9	602,306.44	572,548.70	32° 39' 20.687 N	104° 13' 54.911 W	
LTP										
15,958.4	90.00	269.52	8,383.0	397.5	-7,658.0	602,306.42	572,545.66	32° 39' 20.687 N	104° 13' 54.947 W	
RED EAGLE 18 ST COM 134H - LTP										
16,000.0	90.00	269.52	8,383.0	397.2	-7,699.5	602,306.07	572,504.10	32° 39' 20.684 N	104° 13' 55.433 W	
16,045.4	90.00	269.52	8,383.0	396.8	-7,744.9	602,305.69	572,458.70	32° 39' 20.681 N	104° 13' 55.964 W	
BHL										
16,048.4	90.00	269.52	8,383.0	396.2	-7,748.0	602,305.11	572,455.67	32° 39' 20.675 N	104° 13' 55.999 W	
RED EAGLE 18 ST COM 134H - BHL										

Design Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
RED EAGLE 18 ST COM - plan misses target center by 188.3usft at 8301.0usft MD (8240.9 TVD, 461.4 N, -39.1 E) - Point	0.00	0.00	8,383.0	461.5	84.5	602,370.38	580,288.10	32° 39' 21.238 N	104° 12' 24.380 W	
RED EAGLE 18 ST COM - plan hits target center - Point	0.00	0.00	8,383.0	396.2	-7,748.0	602,305.11	572,455.67	32° 39' 20.675 N	104° 13' 55.999 W	
RED EAGLE 18 ST COM - plan misses target center by 3.0usft at 15958.4usft MD (8383.0 TVD, 397.5 N, -7658.0 E) - Point	0.00	0.00	8,383.0	394.6	-7,658.0	602,303.45	572,545.68	32° 39' 20.658 N	104° 13' 54.947 W	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
7,930.0	7,906.3	462.5	98.3	KOP	
8,375.0	8,289.4	460.9	-95.0	FTP	
8,679.0	8,383.0	458.5	-378.8	EOC	
15,955.4	8,383.0	397.5	-7,654.9	LTP	
16,045.4	8,383.0	396.8	-7,744.9	BHL	

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) 748-9720

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

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 237862

CONDITIONS

Operator: Permian Resources Operating, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 237862
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	None	7/27/2023