

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**Section 1 - Operator and Well Information**

Submittal Type: ☐ Test Allowable (C-104RT) ☒ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name: Permian Resources Operating, LLC	OGRID: 372165
Property Name and Well Number: Weaver 27 State Com 121H	Property Code: 335761
Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal	API Number: 30-0 15-55207
Pool Name: Winchester; Bone Spring, West	Pool Code: 97569

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	27	19S	28E		1362 North	286 East	32.635289	-104.156741	Eddy

Section 3 – Completion Information

Producing Method	Ready Date	Perforations MD	Perforations TVD
Gas Lift	9/24/24	7,715 - 17,547	7,430 - 7,278

Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW):	Communitization Agreement ☒ Yes ☐ No, Order No. Pending
Surface Casing Action ID: 366554	Unit: ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 366556	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 373806	Surface Commingling: ☐ Yes ☒ No, Order No.
All casing was pressure tested in accordance with NMAC ☐ Yes ☐ No	Non-standard Location: ☐ Yes ☒ No ☒ Common ownership Order No.
Liner 1 Action ID:	Non-standard Proration: ☐ Yes ☒ No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N):	Simultaneous Dedication: ☐ Yes ☒ No, Order No.

Section 5 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name Kanicia Schlichting 	PH: 432-400-0185
Title Regulatory Specialist	Date 11/5/24

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☒ Amended Report
			☒ As Drilled

WELL LOCATION INFORMATION

API Number 30-015-55207	Pool Code 97569	Pool Name WINCHESTER; BONE SPRING, WEST
Property Code 335761	Property Name WEAVER 27 STATE COM	Well Number 121H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,351.49'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	27	19 S	28 E		1,362' FNL	286' FEL	32.635289°	-104.156741°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	28	19 S	28 E		315' FNL	82' FWL	32.637974°	-104.189348°	EDDY

Dedicated Acres 320	Infill or Defining Well Infill	Defining Well API 30-015-46768	Overlapping Spacing Unit (Y/N) No	Consolidation Code C
Order Numbers.			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	27	19 S	28 E		379' FNL	72' FEL	32.637994°	-104.156039°	EDDY

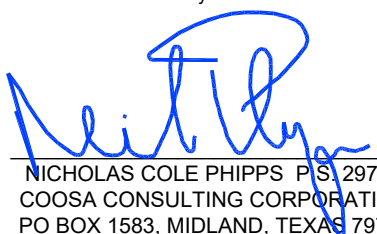
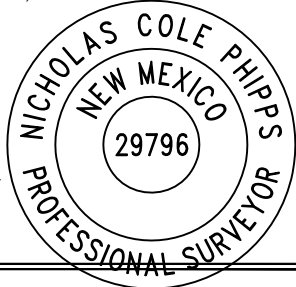
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	27	19 S	28 E		331' FNL	444' FEL	32.638119°	-104.157248°	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	28	19 S	28 E		314' FNL	140' FWL	32.637979°	-104.189160°	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3381
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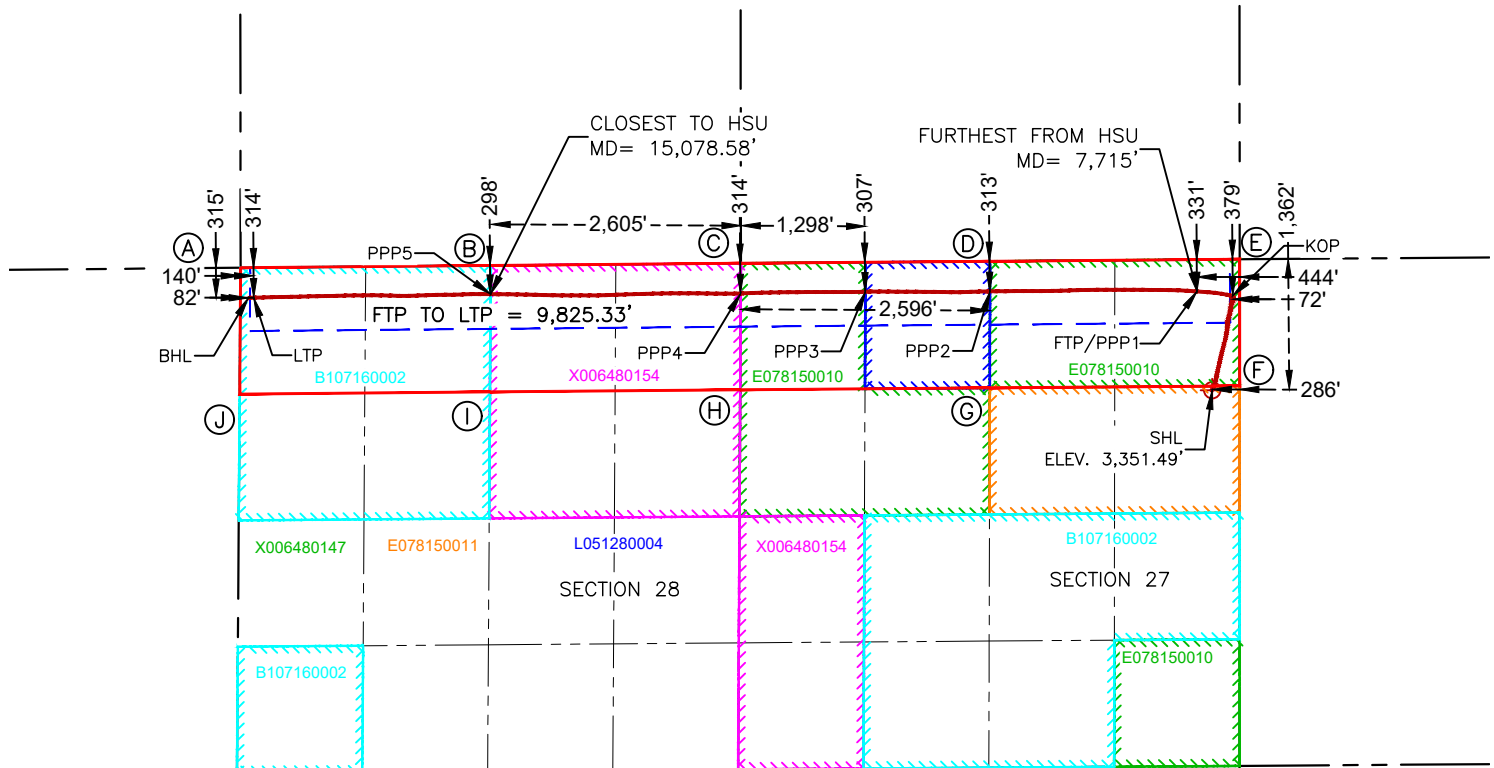
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. KCS 11/5/2024		SURVEYOR CERTIFICATIONS 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.  NICHOLAS COLE PHIPPS P.S. 29796 COOSA CONSULTING CORPORATION PO BOX 1583, MIDLAND, TEXAS 79701	
Signature Kanicia Schlichting		Signature and Seal of Professional Surveyor 	
Printed Name kanicia.schlichting@permianres.com		Certificate Number 12177	Date of Survey 10/23/2024
Email Address			

Note: 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.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



10-23-24

HSU CORNER COORDINATES NEW MEXICO EAST - NAD 83	
POINT	NORTHING/EASTING
A	N:596,170.19' E:585,579.70'
B	N:596,193.40' E:588,185.13'
C	N:596,216.35' E:590,789.98'
D	N:596,236.89' E:593,385.18'
E	N:596,258.72' E:595,984.31'
F	N:594,939.42' E:595,984.18'
G	N:594,918.53' E:593,382.02'
H	N:594,898.23' E:590,782.91'
I	N:594,876.32' E:588,176.53'
J	N:594,854.22' E:585,569.85'

SURFACE HOLE LOCATION
1,362' FNL & 286' FEL
ELEV. = 3,351.49'

NAD 83 X = 595,698.27'
NAD 83 Y = 594,894.29'
NAD 83 LAT = 32.635289°
NAD 83 LONG = -104.156741°
NAD 27 X = 554,518.37'
NAD 27 Y = 594,832.37'
NAD 27 LAT = 32.635172°
NAD 27 LONG = -104.156233°

KICK-OFF POINT
379' FNL & 72' FEL
MD = 7,029.00'

NAD 83 X = 595,912.72'
NAD 83 Y = 595,878.64'
NAD 83 LAT = 32.637994°
NAD 83 LONG = -104.156039°
NAD 27 X = 554,732.84'
NAD 27 Y = 595,816.70'
NAD 27 LAT = 32.637877°
NAD 27 LONG = -104.155531°

**FIRST TAKE POINT &
PENETRATION POINT 1**
331' FNL & 444' FEL
MD = 7,715.00'

NAD 83 X = 595,540.40'
NAD 83 Y = 595,923.57'
NAD 83 LAT = 32.638119°
NAD 83 LONG = -104.157248°
NAD 27 X = 554,360.52'
NAD 27 Y = 595,861.64'
NAD 27 LAT = 32.638002°
NAD 27 LONG = -104.156740°

POINT OF PENETRATION 2
313' FNL & 2,596' FWL
MD = 9,874.22'

NAD 83 X = 593,384.43'
NAD 83 Y = 595,924.22'
NAD 83 LAT = 32.638131°
NAD 83 LONG = -104.164252°
NAD 27 X = 552,204.55'
NAD 27 Y = 595,862.30'
NAD 27 LAT = 32.638014°
NAD 27 LONG = -104.163744°

POINT OF PENETRATION 3
307' FNL & 1,298' FWL
MD = 11,172.92'

NAD 83 X = 592,086.39'
NAD 83 Y = 595,920.40'
NAD 83 LAT = 32.638126°
NAD 83 LONG = -104.168469°
NAD 27 X = 550,906.51'
NAD 27 Y = 595,858.50'
NAD 27 LAT = 32.638009°
NAD 27 LONG = -104.167961°

POINT OF PENETRATION 4
314' FNL & 0' FEL
MD = 12,471.30'

NAD 83 X = 590,788.43'
NAD 83 Y = 595,902.23'
NAD 83 LAT = 32.638081°
NAD 83 LONG = -104.172686°
NAD 27 X = 549,608.56'
NAD 27 Y = 595,840.33'
NAD 27 LAT = 32.637964°
NAD 27 LONG = -104.172177°

POINT OF PENETRATION 5
298' FNL & 2,605' FEL
MD = 15,078.58'

NAD 83 X = 588,183.26'
NAD 83 Y = 595,895.13'
NAD 83 LAT = 32.638072°
NAD 83 LONG = -104.181149°
NAD 27 X = 547,003.38'
NAD 27 Y = 595,833.25'
NAD 27 LAT = 32.637955°
NAD 27 LONG = -104.180640°

LAST TAKE POINT
314' FNL & 140' FWL
MD = 17,547.00'

NAD 83 X = 585,717.20'
NAD 83 Y = 595,857.65'
NAD 83 LAT = 32.637979°
NAD 83 LONG = -104.189160°
NAD 27 X = 544,537.32'
NAD 27 Y = 595,795.79'
NAD 27 LAT = 32.637862°
NAD 27 LONG = -104.188652°

BOTTOM HOLE LOCATION
315' FNL & 82' FWL
MD = 17,605.00'

NAD 83 X = 585,659.35'
NAD 83 Y = 595,855.93'
NAD 83 LAT = 32.637974°
NAD 83 LONG = -104.189348°
NAD 27 X = 544,479.48'
NAD 27 Y = 595,794.07'
NAD 27 LAT = 32.637857°
NAD 27 LONG = -104.188840°



Permian Resources

Eddy County, NM (NAD83 - NME)

Weaver

Weaver 27 St Com 121H

OH / 75109

Design: Surveys (H&P 510)

Standard Survey Report

06 August, 2024

PERMIAN
RESOURCES



Phoenix Survey Report

PERMIAN RESOURCES

Company:	Permian Resources	Local Co-ordinate Reference:	Well Weaver 27 St Com 121H
Project:	Eddy County, NM (NAD83 - NME)	TVD Reference:	RKB @ 3381.49usft (H&P 510)
Site:	Weaver	MD Reference:	RKB @ 3381.49usft (H&P 510)
Well:	Weaver 27 St Com 121H	North Reference:	Grid
Wellbore:	OH / 75109	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 510)	Database:	USAEDMDB

Project	Eddy County, NM (NAD83 - NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Weaver		
Site Position:		Northing:	594,894.29 usft
From:	Map	Easting:	595,698.28 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 38' 7.041372 N
		Longitude:	104° 9' 24.267276 W

Well	Weaver 27 St Com 121H		
Well Position	+N/-S	0.00 usft	Northing: 594,894.29 usft
	+E/-W	0.00 usft	Easting: 595,698.28 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
Grid Convergence:	0.095 °	Ground Level:	3,351.49 usft

Wellbore	OH / 75109				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	8/26/24	6.809	60.215	47,411.13901185

Design	Surveys (H&P 510)				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	275.40	

Survey Program	Date	8/06/24			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
190.00	17,605.00	Phoenix MWD Surveys (OH / 75109)	MWD+HRGM+MS	OWSG MWD + HRGM + Multi-Station Correction	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	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	
190.00	0.28	226.62	190.00	-0.32	-0.34	0.31	0.15	0.15	0.00	
Tie In										
365.00	0.52	297.38	365.00	-0.25	-1.35	1.32	0.29	0.14	40.43	
453.00	0.90	9.25	452.99	0.62	-1.60	1.65	1.01	0.43	81.67	
542.00	2.65	34.29	541.95	3.01	-0.33	0.61	2.11	1.97	28.13	
632.00	4.63	31.19	631.76	7.84	2.73	-1.98	2.21	2.20	-3.44	
722.00	5.76	28.01	721.39	14.93	6.73	-5.30	1.30	1.26	-3.53	
812.00	7.48	22.66	810.79	24.32	11.11	-8.77	2.03	1.91	-5.94	
901.00	9.68	21.64	898.78	36.63	16.10	-12.58	2.48	2.47	-1.15	



Phoenix Survey Report

PERMIAN RESOURCES

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Project:	Eddy County, NM (NAD83 - NME)	TVD Reference:	RKB @ 3381.49usft (H&P 510)
Site:	Weaver	MD Reference:	RKB @ 3381.49usft (H&P 510)
Well:	Weaver 27 St Com 121H	North Reference:	Grid
Wellbore:	OH / 75109	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 510)	Database:	USAEDMDB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
989.00	10.12	18.57	985.47	50.83	21.29	-16.41	0.78	0.50	-3.49
1,079.00	10.96	14.34	1,073.96	66.62	25.93	-19.54	1.27	0.93	-4.70
1,168.00	10.31	15.79	1,161.43	82.48	30.19	-22.30	0.79	-0.73	1.63
1,262.00	10.47	14.10	1,253.89	98.86	34.56	-25.10	0.37	0.17	-1.80
1,356.00	11.66	12.76	1,346.14	116.40	38.74	-27.61	1.30	1.27	-1.43
1,451.00	11.21	12.07	1,439.25	134.80	42.79	-29.92	0.50	-0.47	-0.73
1,545.00	11.12	11.73	1,531.47	152.61	46.54	-31.98	0.12	-0.10	-0.36
1,640.00	10.55	10.89	1,624.78	170.12	50.05	-33.82	0.62	-0.60	-0.88
1,734.00	11.22	11.64	1,717.09	187.53	53.52	-35.64	0.73	0.71	0.80
1,829.00	13.17	12.89	1,809.94	207.13	57.80	-38.05	2.07	2.05	1.32
1,923.00	12.83	12.67	1,901.53	227.75	62.48	-40.77	0.37	-0.36	-0.23
2,018.00	12.43	13.58	1,994.23	247.98	67.19	-43.56	0.47	-0.42	0.96
2,113.00	12.40	13.83	2,087.01	267.82	72.03	-46.51	0.06	-0.03	0.26
2,207.00	12.56	13.37	2,178.79	287.57	76.81	-49.40	0.20	0.17	-0.49
2,301.00	12.53	11.66	2,270.54	307.50	81.23	-51.93	0.40	-0.03	-1.82
2,396.00	12.56	12.13	2,363.28	327.69	85.48	-54.27	0.11	0.03	0.49
2,490.00	12.73	12.38	2,455.00	347.80	89.85	-56.72	0.19	0.18	0.27
2,584.00	12.85	14.20	2,546.66	368.05	94.64	-59.58	0.45	0.13	1.94
2,678.00	13.00	13.87	2,638.28	388.44	99.74	-62.74	0.18	0.16	-0.35
2,773.00	12.98	14.87	2,730.85	409.13	105.04	-66.07	0.24	-0.02	1.05
2,867.00	12.74	14.39	2,822.49	429.37	110.32	-69.42	0.28	-0.26	-0.51
2,962.00	12.91	15.10	2,915.12	449.76	115.69	-72.85	0.24	0.18	0.75
3,056.00	12.72	14.61	3,006.78	469.92	121.03	-76.27	0.23	-0.20	-0.52
3,129.00	12.89	14.66	3,077.97	485.57	125.12	-78.87	0.23	0.23	0.07
3,257.00	12.62	14.70	3,202.81	512.91	132.28	-83.43	0.21	-0.21	0.03
3,351.00	12.32	13.14	3,294.59	532.61	137.17	-86.44	0.48	-0.32	-1.66
3,445.00	12.00	11.96	3,386.48	551.93	141.47	-88.90	0.43	-0.34	-1.26
3,540.00	11.66	11.05	3,479.46	571.02	145.36	-90.98	0.41	-0.36	-0.96
3,634.00	11.39	9.87	3,571.57	589.48	148.77	-92.64	0.38	-0.29	-1.26
3,729.00	11.25	9.39	3,664.72	607.87	151.89	-94.01	0.18	-0.15	-0.51
3,823.00	11.19	9.07	3,756.92	625.92	154.83	-95.23	0.09	-0.06	-0.34
3,917.00	10.65	6.01	3,849.22	643.57	157.17	-95.91	0.84	-0.57	-3.26
4,012.00	10.11	3.79	3,942.67	660.62	158.64	-95.77	0.71	-0.57	-2.34
4,106.00	9.42	359.90	4,035.31	676.54	159.18	-94.80	1.02	-0.73	-4.14
4,200.00	8.83	359.01	4,128.12	691.45	159.04	-93.26	0.65	-0.63	-0.95
4,295.00	8.86	1.49	4,221.99	706.05	159.10	-91.95	0.40	0.03	2.61
4,389.00	10.38	16.62	4,314.68	721.41	161.71	-93.10	3.12	1.62	16.10
4,483.00	10.01	15.43	4,407.19	737.40	166.31	-96.18	0.45	-0.39	-1.27
4,578.00	9.89	15.91	4,500.76	753.20	170.74	-99.10	0.15	-0.13	0.51
4,672.00	9.38	15.09	4,593.44	768.36	174.95	-101.86	0.56	-0.54	-0.87
4,767.00	9.05	14.99	4,687.21	783.05	178.90	-104.41	0.35	-0.35	-0.11
4,861.00	8.81	14.22	4,780.07	797.17	182.58	-106.75	0.29	-0.26	-0.82
4,956.00	8.79	12.80	4,873.95	811.30	185.97	-108.80	0.23	-0.02	-1.49



Phoenix Survey Report

PERMIAN RESOURCES

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Project:	Eddy County, NM (NAD83 - NME)	TVD Reference:	RKB @ 3381.49usft (H&P 510)
Site:	Weaver	MD Reference:	RKB @ 3381.49usft (H&P 510)
Well:	Weaver 27 St Com 121H	North Reference:	Grid
Wellbore:	OH / 75109	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 510)	Database:	USAEDMDB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,050.00	8.51	9.35	4,966.88	825.17	188.69	-110.20	0.63	-0.30	-3.67
5,145.00	8.43	6.52	5,060.85	839.02	190.63	-110.82	0.45	-0.08	-2.98
5,239.00	9.04	9.37	5,153.76	853.16	192.61	-111.47	0.80	0.65	3.03
5,333.00	8.84	9.04	5,246.62	867.58	194.95	-112.44	0.22	-0.21	-0.35
5,427.00	8.62	11.47	5,339.53	881.61	197.48	-113.64	0.46	-0.23	2.59
5,522.00	8.08	14.67	5,433.52	895.05	200.59	-115.47	0.75	-0.57	3.37
5,617.00	7.66	18.23	5,527.63	907.52	204.26	-117.95	0.68	-0.44	3.75
5,711.00	7.26	18.85	5,620.83	919.09	208.14	-120.72	0.43	-0.43	0.66
5,805.00	6.80	18.36	5,714.12	929.99	211.81	-123.35	0.49	-0.49	-0.52
5,899.00	6.01	17.83	5,807.54	939.96	215.07	-125.66	0.84	-0.84	-0.56
5,994.00	5.06	15.17	5,902.09	948.74	217.69	-127.44	1.04	-1.00	-2.80
6,089.00	4.23	12.38	5,996.78	956.21	219.54	-128.58	0.91	-0.87	-2.94
6,183.00	3.77	11.81	6,090.55	962.62	220.91	-129.34	0.49	-0.49	-0.61
6,372.00	2.38	359.99	6,279.28	972.62	222.19	-129.67	0.80	-0.74	-6.25
6,560.00	1.72	332.62	6,467.16	979.03	220.89	-127.77	0.62	-0.35	-14.56
6,655.00	1.75	316.73	6,562.12	981.35	219.24	-125.91	0.51	0.03	-16.73
6,750.00	1.38	310.92	6,657.08	983.16	217.38	-123.89	0.42	-0.39	-6.12
6,844.00	0.74	304.30	6,751.06	984.24	216.02	-122.44	0.69	-0.68	-7.04
6,938.00	0.45	272.38	6,845.06	984.60	215.15	-121.54	0.46	-0.31	-33.96
7,034.00	0.55	233.80	6,941.06	984.34	214.40	-120.82	0.36	0.10	-40.19
7,128.00	4.83	273.56	7,034.93	984.32	210.09	-116.52	4.70	4.55	42.30
7,223.00	18.75	278.03	7,127.70	986.72	190.88	-97.18	14.67	14.65	4.71
7,239.49	20.89	279.46	7,143.21	987.57	185.36	-91.60	13.29	12.96	8.67
FTP: 7239.49' MD, 7143.21' TVD									
7,317.00	31.03	283.63	7,212.82	994.57	152.22	-57.95	13.29	13.09	5.38
7,412.00	41.04	279.39	7,289.56	1,005.46	97.51	-2.46	10.85	10.54	-4.46
7,506.00	51.28	275.89	7,354.59	1,014.28	30.40	65.19	11.22	10.89	-3.72
7,600.00	63.59	274.25	7,405.09	1,021.19	-48.36	144.25	13.18	13.10	-1.74
7,724.00	83.83	274.21	7,439.69	1,029.92	-166.45	262.63	16.32	16.32	-0.03
7,819.00	85.53	273.38	7,448.50	1,036.18	-260.82	357.18	1.99	1.79	-0.87
7,913.00	86.89	272.04	7,454.71	1,040.61	-354.51	450.87	2.03	1.45	-1.43
8,007.00	87.57	270.91	7,459.26	1,043.03	-448.37	544.53	1.40	0.72	-1.20
8,101.00	87.28	270.48	7,463.48	1,044.17	-542.26	638.12	0.55	-0.31	-0.46
8,196.00	88.62	270.66	7,466.88	1,045.11	-637.20	732.72	1.42	1.41	0.19
8,290.00	89.76	270.19	7,468.21	1,045.81	-731.18	826.36	1.31	1.21	-0.50
8,384.00	88.65	269.91	7,469.51	1,045.89	-825.17	919.94	1.22	-1.18	-0.30
8,479.00	89.50	270.20	7,471.04	1,045.98	-920.16	1,014.51	0.95	0.89	0.31
8,573.00	90.45	270.15	7,471.08	1,046.27	-1,014.16	1,108.12	1.01	1.01	-0.05
8,667.00	92.21	270.03	7,468.90	1,046.42	-1,108.13	1,201.69	1.88	1.87	-0.13
8,762.00	91.69	269.53	7,465.67	1,046.05	-1,203.07	1,296.18	0.76	-0.55	-0.53
8,856.00	90.90	269.07	7,463.55	1,044.90	-1,297.04	1,389.62	0.97	-0.84	-0.49
8,951.00	93.06	268.50	7,460.26	1,042.89	-1,391.96	1,483.92	2.35	2.27	-0.60
9,045.00	93.23	267.46	7,455.11	1,039.58	-1,485.76	1,576.99	1.12	0.18	-1.11
9,140.00	93.93	267.72	7,449.17	1,035.60	-1,580.49	1,670.93	0.79	0.74	0.27



Phoenix Survey Report

PERMIAN RESOURCES

Company:	Permian Resources	Local Co-ordinate Reference:	Well Weaver 27 St Com 121H
Project:	Eddy County, NM (NAD83 - NME)	TVD Reference:	RKB @ 3381.49usft (H&P 510)
Site:	Weaver	MD Reference:	RKB @ 3381.49usft (H&P 510)
Well:	Weaver 27 St Com 121H	North Reference:	Grid
Wellbore:	OH / 75109	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 510)	Database:	USAEDMDB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,234.00	93.71	269.99	7,442.91	1,033.72	-1,674.25	1,764.10	2.42	-0.23	2.41
9,329.00	93.11	269.85	7,437.26	1,033.59	-1,769.08	1,858.50	0.65	-0.63	-0.15
9,424.00	92.91	269.84	7,432.27	1,033.33	-1,863.95	1,952.92	0.21	-0.21	-0.01
9,518.00	92.32	269.92	7,427.98	1,033.14	-1,957.85	2,046.39	0.63	-0.63	0.09
9,612.00	92.38	269.35	7,424.13	1,032.54	-2,051.77	2,139.84	0.61	0.06	-0.61
9,707.00	91.86	269.80	7,420.61	1,031.83	-2,146.70	2,234.28	0.72	-0.55	0.47
9,801.00	91.50	269.44	7,417.86	1,031.21	-2,240.66	2,327.76	0.54	-0.38	-0.38
9,895.00	91.09	268.56	7,415.73	1,029.57	-2,334.62	2,421.15	1.03	-0.44	-0.94
9,990.00	90.50	268.43	7,414.42	1,027.08	-2,429.58	2,515.45	0.64	-0.62	-0.14
10,084.00	90.27	268.28	7,413.78	1,024.38	-2,523.54	2,608.74	0.29	-0.24	-0.16
10,179.00	89.70	267.78	7,413.81	1,021.11	-2,618.48	2,702.95	0.80	-0.60	-0.53
10,273.00	92.58	271.66	7,411.94	1,020.65	-2,712.43	2,796.45	5.14	3.06	4.13
10,367.00	92.18	271.10	7,408.04	1,022.91	-2,806.32	2,890.13	0.73	-0.43	-0.60
10,462.00	91.61	270.66	7,404.89	1,024.37	-2,901.26	2,984.79	0.76	-0.60	-0.46
10,556.00	91.10	270.40	7,402.67	1,025.24	-2,995.23	3,078.42	0.61	-0.54	-0.28
10,651.00	90.69	270.23	7,401.19	1,025.76	-3,090.22	3,173.03	0.47	-0.43	-0.18
10,746.00	92.48	270.32	7,398.56	1,026.22	-3,185.18	3,267.61	1.89	1.88	0.09
10,840.00	92.10	270.45	7,394.80	1,026.85	-3,279.10	3,361.18	0.43	-0.40	0.14
10,935.00	91.83	270.23	7,391.55	1,027.41	-3,374.04	3,455.75	0.37	-0.28	-0.23
11,029.00	91.53	270.07	7,388.79	1,027.66	-3,468.00	3,549.32	0.36	-0.32	-0.17
11,124.00	90.93	269.23	7,386.75	1,027.08	-3,562.97	3,643.82	1.09	-0.63	-0.88
11,218.00	90.33	268.52	7,385.72	1,025.23	-3,656.95	3,737.20	0.99	-0.64	-0.76
11,313.00	90.39	268.91	7,385.12	1,023.10	-3,751.92	3,831.55	0.42	0.06	0.41
11,407.00	91.67	270.98	7,383.43	1,023.01	-3,845.90	3,925.11	2.59	1.36	2.20
11,501.00	91.12	268.81	7,381.14	1,022.84	-3,939.87	4,018.64	2.38	-0.59	-2.31
11,595.00	90.84	270.34	7,379.53	1,022.14	-4,033.85	4,112.14	1.65	-0.30	1.63
11,690.00	90.47	270.11	7,378.45	1,022.52	-4,128.84	4,206.74	0.46	-0.39	-0.24
11,784.00	89.81	269.70	7,378.22	1,022.36	-4,222.84	4,300.31	0.83	-0.70	-0.44
11,878.00	89.28	269.64	7,378.96	1,021.82	-4,316.83	4,393.84	0.57	-0.56	-0.06
11,973.00	88.91	269.57	7,380.47	1,021.16	-4,411.82	4,488.34	0.40	-0.39	-0.07
12,067.00	91.64	269.10	7,380.01	1,020.07	-4,505.80	4,581.80	2.95	2.90	-0.50
12,162.00	91.32	268.65	7,377.56	1,018.21	-4,600.75	4,676.16	0.58	-0.34	-0.47
12,256.00	90.98	268.45	7,375.67	1,015.83	-4,694.70	4,769.47	0.42	-0.36	-0.21
12,350.00	90.73	267.97	7,374.27	1,012.89	-4,788.65	4,862.72	0.58	-0.27	-0.51
12,445.00	90.33	267.37	7,373.39	1,009.03	-4,883.56	4,956.85	0.76	-0.42	-0.63
12,471.30	90.30	267.88	7,373.25	1,007.94	-4,909.84	4,982.91	1.96	-0.10	1.96
PP3: 12471.30' MD, 7373.25' TVD									
12,539.00	90.24	269.21	7,372.92	1,006.23	-4,977.52	5,050.12	1.96	-0.10	1.96
12,633.00	90.15	270.53	7,372.60	1,006.01	-5,071.51	5,143.68	1.41	-0.10	1.40
12,728.00	89.59	270.52	7,372.82	1,006.88	-5,166.51	5,238.34	0.59	-0.59	-0.01
12,823.00	89.04	270.94	7,373.96	1,008.10	-5,261.49	5,333.01	0.73	-0.58	0.44
12,917.00	90.07	270.39	7,374.69	1,009.19	-5,355.48	5,426.69	1.24	1.10	-0.59
13,012.00	91.87	270.37	7,373.08	1,009.82	-5,450.46	5,521.31	1.89	1.89	-0.02



Phoenix Survey Report

PERMIAN RESOURCES

Company:	Permian Resources	Local Co-ordinate Reference:	Well Weaver 27 St Com 121H
Project:	Eddy County, NM (NAD83 - NME)	TVD Reference:	RKB @ 3381.49usft (H&P 510)
Site:	Weaver	MD Reference:	RKB @ 3381.49usft (H&P 510)
Well:	Weaver 27 St Com 121H	North Reference:	Grid
Wellbore:	OH / 75109	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 510)	Database:	USAEDMDB

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,106.00	91.77	269.78	7,370.09	1,009.94	-5,544.42	5,614.85	0.64	-0.11	-0.63
13,200.00	91.80	269.46	7,367.16	1,009.32	-5,638.37	5,708.33	0.34	0.03	-0.34
13,295.00	91.66	269.06	7,364.30	1,008.09	-5,733.32	5,802.74	0.45	-0.15	-0.42
13,389.00	91.41	268.59	7,361.78	1,006.16	-5,827.26	5,896.09	0.57	-0.27	-0.50
13,484.00	92.00	268.13	7,358.95	1,003.44	-5,922.18	5,990.33	0.79	0.62	-0.48
13,578.00	91.98	268.02	7,355.69	1,000.29	-6,016.07	6,083.51	0.12	-0.02	-0.12
13,673.00	90.67	268.39	7,353.49	997.31	-6,111.00	6,177.73	1.43	-1.38	0.39
13,767.00	90.39	268.11	7,352.62	994.44	-6,204.95	6,271.00	0.42	-0.30	-0.30
13,861.00	90.05	267.75	7,352.26	991.05	-6,298.89	6,364.20	0.53	-0.36	-0.38
13,955.00	91.44	269.01	7,351.04	988.39	-6,392.84	6,457.48	2.00	1.48	1.34
14,049.00	93.45	270.58	7,347.03	988.05	-6,486.74	6,550.94	2.71	2.14	1.67
14,144.00	94.33	270.02	7,340.58	988.55	-6,581.52	6,645.34	1.10	0.93	-0.59
14,238.00	94.34	269.45	7,333.48	988.12	-6,675.25	6,738.62	0.60	0.01	-0.61
14,332.00	93.94	270.29	7,326.69	987.90	-6,769.01	6,831.93	0.99	-0.43	0.89
14,427.00	94.47	271.31	7,319.73	989.23	-6,863.74	6,926.37	1.21	0.56	1.07
14,521.00	91.23	271.71	7,315.05	991.70	-6,957.58	7,020.03	3.47	-3.45	0.43
14,616.00	89.11	271.35	7,314.77	994.24	-7,052.54	7,114.80	2.26	-2.23	-0.38
14,710.00	89.07	270.91	7,316.26	996.09	-7,146.51	7,208.53	0.47	-0.04	-0.47
14,804.00	89.11	270.89	7,317.76	997.57	-7,240.48	7,302.23	0.05	0.04	-0.02
14,898.00	89.73	270.71	7,318.71	998.88	-7,334.47	7,395.92	0.69	0.66	-0.19
14,992.00	89.88	270.35	7,319.03	999.75	-7,428.46	7,489.58	0.41	0.16	-0.38
15,087.00	92.32	271.10	7,317.20	1,000.95	-7,523.43	7,584.24	2.69	2.57	0.79
15,181.00	93.42	270.10	7,312.50	1,001.93	-7,617.31	7,677.79	1.58	1.17	-1.06
15,276.00	94.16	268.13	7,306.22	1,000.47	-7,712.08	7,772.01	2.21	0.78	-2.07
15,370.00	93.50	268.10	7,299.94	997.39	-7,805.82	7,865.04	0.70	-0.70	-0.03
15,464.00	93.74	269.22	7,294.00	995.19	-7,899.61	7,958.20	1.22	0.26	1.19
15,558.00	92.23	269.01	7,289.11	993.74	-7,993.46	8,051.51	1.62	-1.61	-0.22
15,653.00	88.85	269.07	7,288.21	992.15	-8,088.43	8,145.91	3.56	-3.56	0.06
15,747.00	88.28	268.14	7,290.57	989.86	-8,182.37	8,239.21	1.16	-0.61	-0.99
15,842.00	87.96	267.80	7,293.68	986.50	-8,277.26	8,333.37	0.49	-0.34	-0.36
15,936.00	88.64	268.52	7,296.47	983.48	-8,371.17	8,426.57	1.05	0.72	0.77
16,031.00	88.76	271.64	7,298.63	983.62	-8,466.14	8,521.13	3.29	0.13	3.28
16,125.00	89.88	271.81	7,299.74	986.45	-8,560.08	8,614.93	1.21	1.19	0.18
16,220.00	90.79	270.52	7,299.19	988.38	-8,655.06	8,709.66	1.66	0.96	-1.36
16,314.00	90.55	269.91	7,298.09	988.73	-8,749.05	8,803.27	0.70	-0.26	-0.65
16,408.00	91.01	269.49	7,296.81	988.24	-8,843.04	8,896.80	0.66	0.49	-0.45
16,503.00	90.62	269.56	7,295.46	987.45	-8,938.03	8,991.29	0.42	-0.41	0.07
16,598.00	91.16	268.13	7,293.98	985.54	-9,033.00	9,085.65	1.61	0.57	-1.51
16,692.00	91.63	268.52	7,291.69	982.79	-9,126.93	9,178.91	0.65	0.50	0.41
16,787.00	91.35	268.92	7,289.22	980.67	-9,221.87	9,273.23	0.51	-0.29	0.42
16,881.00	90.81	269.25	7,287.45	979.17	-9,315.84	9,366.65	0.67	-0.57	0.35
16,975.00	91.86	268.71	7,285.26	977.49	-9,409.80	9,460.03	1.26	1.12	-0.57
17,069.00	91.81	268.58	7,282.25	975.27	-9,503.73	9,553.33	0.15	-0.05	-0.14



Phoenix Survey Report

PERMIAN RESOURCES

Company:	Permian Resources	Local Co-ordinate Reference:	Well Weaver 27 St Com 121H
Project:	Eddy County, NM (NAD83 - NME)	TVD Reference:	RKB @ 3381.49usft (H&P 510)
Site:	Weaver	MD Reference:	RKB @ 3381.49usft (H&P 510)
Well:	Weaver 27 St Com 121H	North Reference:	Grid
Wellbore:	OH / 75109	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 510)	Database:	USAEDMDB

Survey

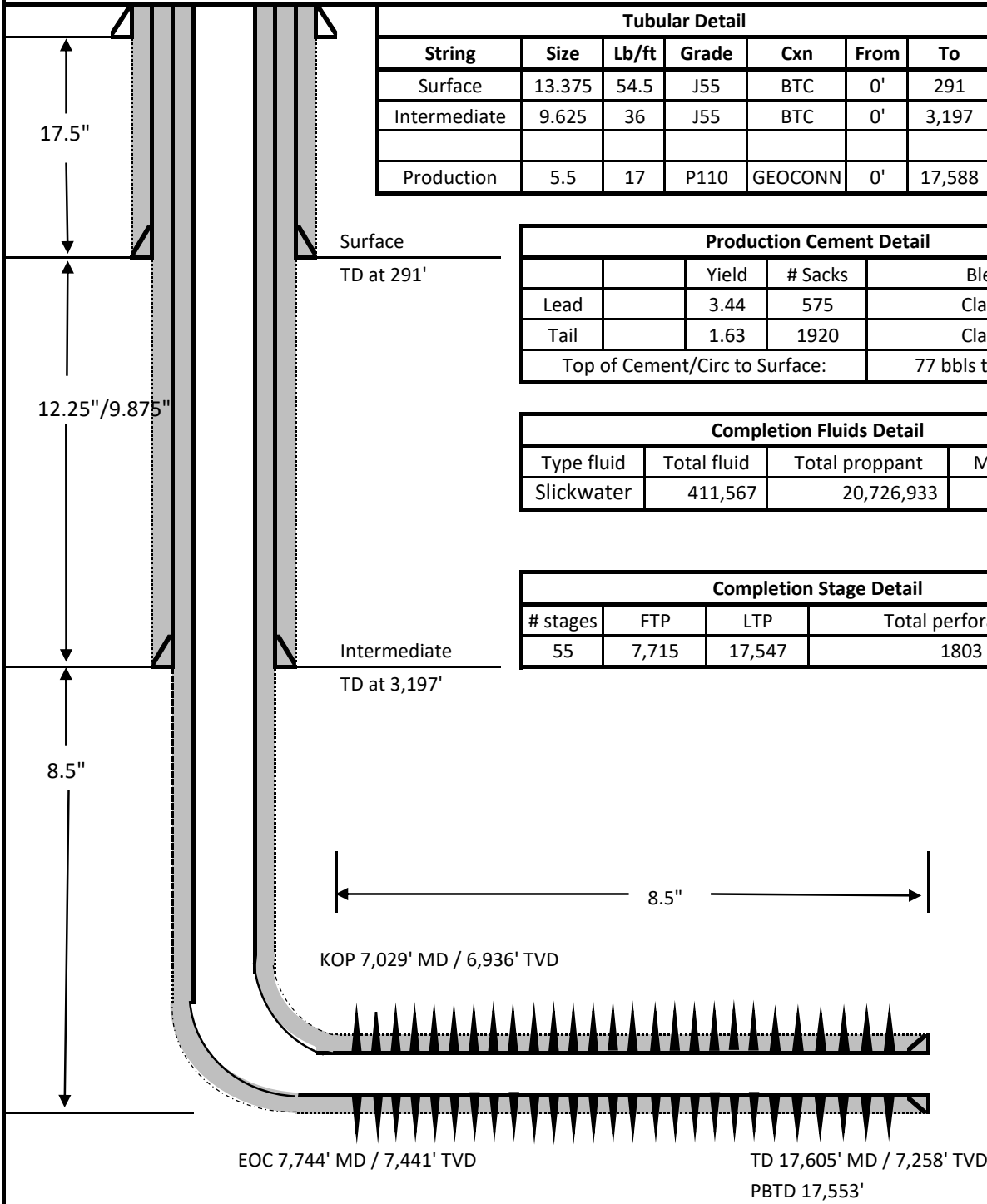
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
17,164.00	91.40	268.90	7,279.59	973.18	-9,598.67	9,647.65	0.55	-0.43	0.34
17,258.00	90.93	268.74	7,277.68	971.25	-9,692.63	9,741.01	0.53	-0.50	-0.17
17,353.00	92.32	268.66	7,274.99	969.09	-9,787.56	9,835.32	1.47	1.46	-0.08
17,447.00	94.16	268.13	7,269.67	966.47	-9,881.37	9,928.47	2.04	1.96	-0.56
17,532.00	93.85	268.29	7,263.74	963.82	-9,966.12	10,012.59	0.41	-0.36	0.19
Final Phoenix MWD Survey									
17,586.91	93.85	268.29	7,260.05	962.18	-10,020.88	10,066.96	0.00	0.00	0.00
LTP: 17586.91' MD, 7260.05' TVD									
17,605.00	93.85	268.29	7,258.84	961.64	-10,038.92	10,084.87	0.00	0.00	0.00
Projection to TD									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
190.00	190.00	-0.32	-0.34	Tie In
7,239.49	7,143.21	987.57	185.36	FTP: 7239.49' MD, 7143.21' TVD
12,471.30	7,373.25	1,007.94	-4,909.84	PP3: 12471.30' MD, 7373.25' TVD
17,532.00	7,263.74	963.82	-9,966.12	Final Phoenix MWD Survey
17,586.91	7,260.05	962.18	-10,020.88	LTP: 17586.91' MD, 7260.05' TVD
17,605.00	7,258.84	961.64	-10,038.92	Projection to TD

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
Rustler	1656	1655		T. San Jose			
Salado	1745	1745		T. Nacimiento			
Yates	3474	3456		T. Ojo Alamo			
Capitan	4080	4052		T. Kirtland			
Cherry Canyon	5740	5699		T. Fruitland			
Brushy Canyon	6695	6654		T. Pictured Cliffs			
2nd Bone Spring	7724	7439		T. Lewis Shale			
T. San Andres				T. Chacra			
T. Glorieta				T. Cliff House			
T. Yeso				T. Menefee			
T. Paddock				T. Point Lookout			
T. Blinebry				T. Mancos			
T.Tubb				T. Gallup			
T. Drinkard				T. Greenhorn			
T. Abo				T. Graneros			
T. Wolfcamp				T. Dakota			
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T.Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand				T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon							
T. Cherry Canyon							
T. Brushy Canyon							
T. Bone Springs							
T. 1st BS Sand							
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							

Permian Resources - As Completed Wellbore Diagram

Well: **Weaver 27 State Com 121H**API #: **30-015-55207**State: **New Mexico**County: **Lea**FM Target: **Bone Spring**Field/Pool: **Winchester; Bone Spring, West**Location: **Unit H, Section 27, T19S, R28E, 1362' FNL, 286' FEL**BHL: **Unit D, Section 28, T19S, R28E, 315' FNL, 82' FWL**KB Elev: **3381**KB: **30**GL Elev: **3351**

Tubular Detail

String	Size	Lb/ft	Grade	Cxn	From	To
Surface	13.375	54.5	J55	BTC	0'	291
Intermediate	9.625	36	J55	BTC	0'	3,197
Production	5.5	17	P110	GEOCONN	0'	17,588

Production Cement Detail

	Yield	# Sacks	Blend
Lead	3.44	575	Class C
Tail	1.63	1920	Class C
Top of Cement/Circ to Surface:			77 bbls to surface

Completion Fluids Detail

Type fluid	Total fluid	Total proppant	Max Pressure
Slickwater	411,567	20,726,933	9,338

Completion Stage Detail

# stages	FTP	LTP	Total perforations
55	7,715	17,547	1803

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 399757

ACKNOWLEDGMENTS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 399757
	Action Type: [C-104] Completion Packet - New Well (C-104NW)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
☒	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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CONDITIONS

Action 399757

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CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/20/2025