

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: Big Burro 27 State Com 123H	Property Code: 327171
Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal	API Number: 30-015-49923
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
P	27	19S	28E		1131 South	173 East	32.627639	-104.156391	Eddy

Section 3 – Completion Information

Producing Method	Ready Date	Perforations MD	Perforations TVD
Gas Lift	9/23/24	7,963 - 17,610	7,530 - 7,194

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. 204337
Surface Casing Action ID: 363560	Unit: ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 363561	Compulsory Pooling: ☒ Yes ☐ No, Order No. R-21439
Intermediate 2 Casing Action ID:	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 370661	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): No	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 Kania Schlichting	PH 432-400-0185
Title Regulatory Specialist	Date 11/6/24

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 30-015-49923	Pool Code 97569	Pool Name WINCHESTER; BONE SPRING, WEST
Property Code 327171	Property Name BIG BURRO 27 STATE COM	Well Number 123H
OGRID No. 372165	Operator Name PERMIAN RESOURCES OPERATING, LLC	Ground Level Elevation 3,336.75'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL P	Section 27	Township 19 S	Range 28 E	Lot	Ft. from N/S 1,131' FSL	Ft. from E/W 173' FEL	Latitude 32.627639°	Longitude -104.156391°	County EDDY
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Bottom Hole Location

UL L	Section 28	Township 19 S	Range 28 E	Lot	Ft. from N/S 2,304' FSL	Ft. from E/W 79' FWL	Latitude 32.630705°	Longitude -104.189432°	County EDDY
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Dedicated Acres 320.00	Infill or Defining Well Infill	Defining Well API 30-015-46766	Overlapping Spacing Unit (Y/N) N	Consolidation Code C, F
Order Numbers. C #204337, F #R-21439			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL I	Section 27	Township 19 S	Range 28 E	Lot	Ft. from N/S 2,267' FSL	Ft. from E/W 95' FEL	Latitude 32.630761°	Longitude -104.156129°	County EDDY
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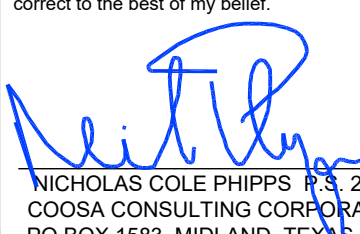
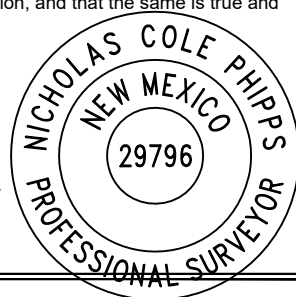
First Take Point (FTP)

UL I	Section 27	Township 19 S	Range 28 E	Lot	Ft. from N/S 2,297' FSL	Ft. from E/W 653' FEL	Latitude 32.630837°	Longitude -104.157942°	County EDDY
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Last Take Point (LTP)

UL L	Section 28	Township 19 S	Range 28 E	Lot	Ft. from N/S 2,304' FSL	Ft. from E/W 134' FWL	Latitude 32.630706°	Longitude -104.189254°	County EDDY
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Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3366
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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. 11/6/24 Signature _____ Date _____ Kania Schlichting Printed Name _____ kanicia.schlichting@permianres.com Email Address _____		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 and Seal of Professional Surveyor  Certificate Number 12177 Date of Survey 10/23/2024	
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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.

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.

[illegible]

HSU CORNER COORDINATES NEW MEXICO EAST - NAD 83	
POINT	NORTHING/EASTING
A	N:593,538.25' E:585,560.00'
B	N:593,559.24' E:588,167.92'
C	N:593,580.23' E:590,775.84'
D	N:593,600.18' E:593,379.94'
E	N:593,620.12' E:595,984.04'
F	N:592,300.64' E:595,983.89'
G	N:592,281.46' E:593,375.70'
H	N:592,262.62' E:590,768.26'
I	N:592,242.55' E:588,159.96'
J	N:592,222.64' E:585,550.67'



NAD 83 X = 590,773.97'
NAD 83 Y = 593,255.48'
NAD 83 LAT = 32.630806°
NAD 83 LONG = -104.172746°
NAD 27 X = 549,594.05'
NAD 27 Y = 593,193.64'
NAD 27 LAT = 32.630689°
NAD 27 LONG = -104.172237°

NAD 83 X = 585,637.05'
NAD 83 Y = 593,211.47'
NAD 83 LAT = 32.630705°
NAD 83 LONG = -104.189432°
NAD 27 X = 544,457.13'
NAD 27 Y = 593,149.67'
NAD 27 LAT = 32.630589°
NAD 27 LONG = -104.188924°



Permian Resources

Eddy County, NM (NAD83 - NME)

Big Burro

Big Burro 27 St Com 123H

OH / 75068

Design: Surveys (H&P 313)

Standard Survey Report

13 August, 2024



PERMIAN RESOURCES

Phoenix Technology Services Survey Report



Company:	Permian Resources	Local Co-ordinate Reference:	Well Big Burro 27 St Com 123H
Project:	Eddy County, NM (NAD83 - NME)	TVD Reference:	RKB @ 3362.75usft (H&P 313)
Site:	Big Burro	MD Reference:	RKB @ 3362.75usft (H&P 313)
Well:	Big Burro 27 St Com 123H	North Reference:	Grid
Wellbore:	OH / 75068	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	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	Big Burro		
Site Position:		Northing:	592,111.38 usft
From:	Map	Easting:	595,810.61 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 37' 39.501624 N
		Longitude:	104° 9' 23.007744 W

Well	Big Burro 27 St Com 123H		
Well Position	+N/-S	0.00 usft	Northing: 592,111.38 usft
	+E/-W	0.00 usft	Easting: 595,810.61 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
Grid Convergence:	0.095 °	Ground Level:	3,336.75 usft

Wellbore	OH / 75068				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	8/25/2024	6.806	60.206	47,411.09428878

Design	Surveys (H&P 313)				
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	276.22	

Survey Program	Date	8/13/2024			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
180.00	17,665.00	Phoenix MWD Surveys (OH / 75068)	B001Mc_MWD+HRGM_F	MWD+HRGM	

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	
180.00	0.17	132.04	180.00	-0.18	0.20	-0.22	0.09	0.09	0.00	
First Phoenix MWD Survey										
221.00	0.30	145.63	221.00	-0.31	0.30	-0.34	0.34	0.32	33.15	
346.00	0.17	125.32	346.00	-0.69	0.64	-0.71	0.12	-0.10	-16.25	
429.00	0.45	28.89	429.00	-0.47	0.90	-0.94	0.60	0.34	-116.18	
511.00	0.64	40.13	510.99	0.16	1.35	-1.32	0.26	0.23	13.71	
692.00	1.20	58.78	691.97	1.92	3.62	-3.39	0.35	0.31	10.30	
786.00	1.30	59.22	785.95	2.97	5.38	-5.03	0.11	0.11	0.47	
880.00	1.37	55.75	879.92	4.15	7.22	-6.73	0.11	0.07	-3.69	

PERMIAN

RESOURCES

Phoenix Technology Services

Survey Report



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Wellbore:	OH / 75068	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	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)
975.00	1.24	54.53	974.90	5.39	9.00	-8.36	0.14	-0.14	-1.28
1,069.00	1.08	52.29	1,068.88	6.52	10.53	-9.76	0.18	-0.17	-2.38
1,164.00	1.87	28.04	1,163.85	8.43	11.97	-10.98	1.04	0.83	-25.53
1,258.00	2.72	12.59	1,257.77	11.96	13.17	-11.80	1.11	0.90	-16.44
1,353.00	2.73	16.43	1,352.66	16.33	14.30	-12.45	0.19	0.01	4.04
1,447.00	2.70	12.13	1,446.56	20.65	15.40	-13.08	0.22	-0.03	-4.57
1,542.00	2.50	12.09	1,541.46	24.86	16.31	-13.52	0.21	-0.21	-0.04
1,636.00	2.48	14.94	1,635.37	28.83	17.26	-14.04	0.13	-0.02	3.03
1,731.00	3.03	353.13	1,730.26	33.31	17.49	-13.78	1.24	0.58	-22.96
1,825.00	3.67	340.08	1,824.10	38.60	16.17	-11.89	1.05	0.68	-13.88
1,920.00	3.83	340.72	1,918.90	44.46	14.08	-9.18	0.17	0.17	0.67
2,015.00	3.64	338.64	2,013.70	50.26	11.94	-6.42	0.25	-0.20	-2.19
2,109.00	3.89	338.13	2,107.50	56.00	9.66	-3.54	0.27	0.27	-0.54
2,203.00	3.81	337.23	2,201.28	61.84	7.27	-0.52	0.11	-0.09	-0.96
2,298.00	3.90	341.34	2,296.07	67.81	5.01	2.36	0.31	0.09	4.33
2,393.00	5.30	346.29	2,390.76	75.13	2.94	5.22	1.53	1.47	5.21
2,487.00	6.44	351.21	2,484.27	84.56	1.10	8.06	1.32	1.21	5.23
2,582.00	7.61	355.21	2,578.55	96.09	-0.24	10.65	1.33	1.23	4.21
2,676.00	9.25	1.45	2,671.54	109.85	-0.56	12.46	2.00	1.74	6.64
2,770.00	10.75	1.93	2,764.11	126.16	-0.08	13.75	1.60	1.60	0.51
2,865.00	12.11	3.83	2,857.22	144.96	0.89	14.83	1.49	1.43	2.00
2,959.00	12.97	4.15	2,948.98	165.32	2.31	15.62	0.92	0.91	0.34
3,053.00	14.80	5.64	3,040.23	187.79	4.25	16.12	1.98	1.95	1.59
3,117.00	14.90	4.83	3,102.09	204.13	5.75	16.40	0.36	0.16	-1.27
3,244.00	14.21	3.88	3,225.01	235.95	8.18	17.43	0.57	-0.54	-0.75
3,339.00	15.20	7.15	3,316.90	259.94	10.52	17.71	1.36	1.04	3.44
3,433.00	15.86	5.88	3,407.47	284.95	13.37	17.59	0.79	0.70	-1.35
3,527.00	16.43	3.71	3,497.76	310.99	15.54	18.24	0.88	0.61	-2.31
3,622.00	18.71	4.71	3,588.32	339.59	17.66	19.23	2.42	2.40	1.05
3,716.00	18.51	4.05	3,677.41	369.49	19.96	20.20	0.31	-0.21	-0.70
3,810.00	18.87	5.19	3,766.45	399.52	22.38	21.03	0.55	0.38	1.21
3,905.00	18.86	5.49	3,856.35	430.10	25.24	21.51	0.10	-0.01	0.32
4,000.00	16.92	4.32	3,946.75	459.17	27.75	22.16	2.08	-2.04	-1.23
4,094.00	15.88	2.29	4,036.93	485.66	29.30	23.50	1.26	-1.11	-2.16
4,189.00	13.78	0.40	4,128.76	509.97	29.90	25.53	2.27	-2.21	-1.99
4,284.00	13.33	0.25	4,221.11	532.23	30.02	27.82	0.48	-0.47	-0.16
4,378.00	16.64	3.55	4,311.90	556.51	30.90	29.57	3.64	3.52	3.51
4,472.00	20.39	7.32	4,401.03	586.20	33.82	29.89	4.19	3.99	4.01
4,567.00	19.20	6.71	4,490.41	618.13	37.76	29.44	1.27	-1.25	-0.64
4,661.00	18.26	5.75	4,579.43	648.13	41.04	29.42	1.05	-1.00	-1.02
4,756.00	17.83	4.80	4,669.76	677.43	43.75	29.91	0.55	-0.45	-1.00
4,850.00	17.69	3.87	4,759.28	706.02	45.92	30.85	0.34	-0.15	-0.99
4,944.00	16.93	2.92	4,849.02	733.94	47.58	32.22	0.86	-0.81	-1.01

PERMIAN RESOURCES

Phoenix Technology Services Survey Report



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Well:	Big Burro 27 St Com 123H	North Reference:	Grid
Wellbore:	OH / 75068	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	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)
5,039.00	16.53	2.66	4,940.00	761.25	48.91	33.86	0.43	-0.42	-0.27
5,133.00	16.23	3.55	5,030.19	787.72	50.34	35.30	0.42	-0.32	0.95
5,227.00	15.92	4.39	5,120.51	813.69	52.14	36.32	0.41	-0.33	0.89
5,322.00	14.82	6.00	5,212.11	838.76	54.41	36.79	1.24	-1.16	1.69
5,417.00	17.99	10.99	5,303.24	865.26	58.48	35.61	3.65	3.34	5.25
5,511.00	16.89	11.82	5,392.91	892.87	64.04	33.07	1.20	-1.17	0.88
5,606.00	16.34	9.02	5,483.95	919.58	68.97	31.07	1.02	-0.58	-2.95
5,700.00	16.78	5.41	5,574.05	946.15	72.32	30.62	1.19	0.47	-3.84
5,889.00	16.38	0.81	5,755.20	999.96	75.27	33.52	0.73	-0.21	-2.43
5,983.00	16.11	358.32	5,845.45	1,026.25	75.07	36.56	0.79	-0.29	-2.65
6,077.00	10.38	356.55	5,936.91	1,047.75	74.18	39.78	6.11	-6.10	-1.88
6,172.00	6.54	353.88	6,030.86	1,061.68	73.09	42.37	4.06	-4.04	-2.81
6,266.00	5.32	354.39	6,124.36	1,071.34	72.09	44.41	1.30	-1.30	0.54
6,361.00	5.43	7.19	6,218.94	1,080.18	72.22	45.24	1.26	0.12	13.47
6,455.00	5.24	12.52	6,312.54	1,088.79	73.71	44.69	0.56	-0.20	5.67
6,549.00	5.21	15.18	6,406.14	1,097.10	75.76	43.56	0.26	-0.03	2.83
6,644.00	5.61	8.57	6,500.72	1,105.85	77.58	42.69	0.78	0.42	-6.96
6,738.00	5.47	359.73	6,594.29	1,114.87	78.24	43.01	0.92	-0.15	-9.40
6,833.00	3.70	358.04	6,688.98	1,122.47	78.12	43.96	1.87	-1.86	-1.78
6,927.00	2.52	3.86	6,782.84	1,127.56	78.15	44.48	1.30	-1.26	6.19
7,022.00	2.17	11.70	6,877.76	1,131.40	78.66	44.39	0.50	-0.37	8.25
7,082.00	1.58	11.12	6,937.73	1,133.33	79.05	44.21	0.98	-0.98	-0.97
7,166.00	2.09	340.54	7,021.68	1,135.91	78.76	44.78	1.29	0.61	-36.40
7,227.43	11.49	281.13	7,082.65	1,138.15	72.36	51.38	17.23	15.31	-96.72
FTP: 7227.43' MD, 7082.65' TVD									
7,260.00	17.05	277.86	7,114.20	1,139.43	64.44	59.39	17.23	17.06	-10.03
7,354.00	31.23	284.38	7,199.78	1,147.41	26.99	97.49	15.33	15.09	6.94
7,448.00	38.51	275.13	7,276.90	1,156.10	-25.87	150.98	9.55	7.74	-9.84
7,543.00	51.61	272.35	7,343.87	1,160.29	-92.83	217.99	13.94	13.79	-2.93
7,637.00	59.80	270.70	7,396.79	1,162.30	-170.39	295.32	8.83	8.71	-1.76
7,732.00	66.60	269.29	7,439.60	1,162.26	-255.13	379.56	7.28	7.16	-1.48
7,826.00	75.81	270.10	7,469.85	1,161.80	-344.02	467.87	9.83	9.80	0.86
7,920.00	83.10	270.70	7,487.05	1,162.45	-436.37	559.75	7.78	7.76	0.64
8,015.00	89.73	269.26	7,492.98	1,162.42	-531.13	653.94	7.14	6.98	-1.52
8,109.00	91.49	267.68	7,491.98	1,159.91	-625.08	747.07	2.52	1.87	-1.68
8,203.00	91.84	268.11	7,489.25	1,156.46	-718.98	840.04	0.59	0.37	0.46
8,298.00	92.27	269.10	7,485.84	1,154.14	-813.89	934.14	1.14	0.45	1.04
8,392.00	91.83	269.04	7,482.48	1,152.62	-907.81	1,027.35	0.47	-0.47	-0.06
8,487.00	91.26	268.42	7,479.92	1,150.51	-1,002.76	1,121.51	0.89	-0.60	-0.65
8,581.00	91.46	269.77	7,477.69	1,149.03	-1,096.72	1,214.75	1.45	0.21	1.44
8,676.00	91.80	270.42	7,474.99	1,149.19	-1,191.68	1,309.17	0.77	0.36	0.68
8,770.00	91.56	269.17	7,472.23	1,148.85	-1,285.63	1,402.54	1.35	-0.26	-1.33
8,865.00	91.87	268.65	7,469.39	1,147.05	-1,380.57	1,496.72	0.64	0.33	-0.55
8,960.00	92.43	269.54	7,465.82	1,145.55	-1,475.49	1,590.92	1.11	0.59	0.94

PERMIAN RESOURCES

Phoenix Technology Services Survey Report



Company:	Permian Resources	Local Co-ordinate Reference:	Well Big Burro 27 St Com 123H
Project:	Eddy County, NM (NAD83 - NME)	TVD Reference:	RKB @ 3362.75usft (H&P 313)
Site:	Big Burro	MD Reference:	RKB @ 3362.75usft (H&P 313)
Well:	Big Burro 27 St Com 123H	North Reference:	Grid
Wellbore:	OH / 75068	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	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)
9,054.00	92.46	271.50	7,461.81	1,146.40	-1,569.40	1,684.37	2.08	0.03	2.09
9,149.00	91.87	271.33	7,458.22	1,148.74	-1,664.30	1,778.97	0.65	-0.62	-0.18
9,243.00	91.98	271.22	7,455.07	1,150.83	-1,758.23	1,872.56	0.17	0.12	-0.12
9,338.00	91.66	270.14	7,452.05	1,151.96	-1,853.17	1,967.07	1.19	-0.34	-1.14
9,432.00	91.72	269.06	7,449.28	1,151.30	-1,947.12	2,060.40	1.15	0.06	-1.15
9,527.00	92.18	268.83	7,446.04	1,149.56	-2,042.05	2,154.58	0.54	0.48	-0.24
9,621.00	93.17	270.01	7,441.66	1,148.60	-2,135.94	2,247.82	1.64	1.05	1.26
9,715.00	93.29	271.67	7,436.36	1,149.98	-2,229.78	2,341.25	1.77	0.13	1.77
9,810.00	91.90	273.68	7,432.06	1,154.41	-2,324.57	2,435.96	2.57	-1.46	2.12
9,905.00	90.19	273.78	7,430.33	1,160.59	-2,419.35	2,530.86	1.80	-1.80	0.11
9,999.00	89.76	273.31	7,430.37	1,166.40	-2,513.17	2,624.75	0.68	-0.46	-0.50
10,093.00	89.82	272.90	7,430.71	1,171.49	-2,607.03	2,718.61	0.44	0.06	-0.44
10,187.00	89.48	272.83	7,431.29	1,176.19	-2,700.91	2,812.45	0.37	-0.36	-0.07
10,282.00	89.48	274.02	7,432.15	1,181.87	-2,795.74	2,907.33	1.25	0.00	1.25
10,376.00	92.07	271.83	7,430.88	1,186.66	-2,889.59	3,001.15	3.61	2.76	-2.33
10,471.00	91.29	269.78	7,428.09	1,188.00	-2,984.54	3,095.68	2.31	-0.82	-2.16
10,566.00	90.92	269.23	7,426.26	1,187.18	-3,079.52	3,190.01	0.70	-0.39	-0.58
10,660.00	90.32	268.94	7,425.24	1,185.67	-3,173.50	3,283.28	0.71	-0.64	-0.31
10,755.00	90.35	268.42	7,424.69	1,183.49	-3,268.47	3,377.46	0.55	0.03	-0.55
10,849.00	91.93	268.42	7,422.82	1,180.89	-3,362.41	3,470.57	1.68	1.68	0.00
10,944.00	92.66	268.60	7,419.01	1,178.43	-3,457.30	3,564.63	0.79	0.77	0.19
11,038.00	91.29	269.39	7,415.77	1,176.78	-3,551.23	3,657.83	1.68	-1.46	0.84
11,132.00	90.47	269.53	7,414.33	1,175.89	-3,645.21	3,751.16	0.88	-0.87	0.15
11,221.38	90.42	269.29	7,413.63	1,174.97	-3,734.59	3,839.91	0.28	-0.05	-0.27
PP2: 11221.38' MD, 7413.63' TVD									
11,227.00	90.42	269.27	7,413.59	1,174.90	-3,740.21	3,845.49	0.28	-0.05	-0.27
11,321.00	90.36	269.20	7,412.95	1,173.64	-3,834.20	3,938.79	0.10	-0.06	-0.07
11,416.00	93.14	267.80	7,410.05	1,171.16	-3,929.11	4,032.87	3.28	2.93	-1.47
11,510.00	91.67	268.59	7,406.11	1,168.20	-4,022.97	4,125.86	1.77	-1.56	0.84
11,605.00	90.65	268.52	7,404.18	1,165.81	-4,117.92	4,219.99	1.08	-1.07	-0.07
11,700.00	90.18	268.40	7,403.50	1,163.25	-4,212.89	4,314.12	0.51	-0.49	-0.13
11,794.00	89.64	268.02	7,403.64	1,160.32	-4,306.84	4,407.20	0.70	-0.57	-0.40
11,888.00	90.65	268.25	7,403.40	1,157.26	-4,400.79	4,500.27	1.10	1.07	0.24
11,983.00	90.69	267.90	7,402.29	1,154.07	-4,495.73	4,594.30	0.37	0.04	-0.37
12,077.00	90.69	268.33	7,401.16	1,150.98	-4,589.67	4,687.36	0.46	0.00	0.46
12,172.00	90.30	268.34	7,400.34	1,148.22	-4,684.63	4,781.45	0.41	-0.41	0.01
12,266.00	89.39	268.36	7,400.60	1,145.51	-4,778.59	4,874.57	0.97	-0.97	0.02
12,361.00	90.58	269.31	7,400.62	1,143.58	-4,873.56	4,968.78	1.60	1.25	1.00
12,456.00	90.89	270.52	7,399.40	1,143.44	-4,968.55	5,063.19	1.31	0.33	1.27
12,524.09	90.46	270.59	7,398.60	1,144.10	-5,036.64	5,130.95	0.65	-0.64	0.11
PP3: 12524.09' MD, 7398.60' TVD									
12,550.00	90.29	270.62	7,398.43	1,144.37	-5,062.54	5,156.73	0.65	-0.64	0.11
12,645.00	92.18	270.69	7,396.39	1,145.46	-5,157.51	5,251.26	1.99	1.99	0.07

PERMIAN RESOURCES

Phoenix Technology Services Survey Report



Company:	Permian Resources	Local Co-ordinate Reference:	Well Big Burro 27 St Com 123H
Project:	Eddy County, NM (NAD83 - NME)	TVD Reference:	RKB @ 3362.75usft (H&P 313)
Site:	Big Burro	MD Reference:	RKB @ 3362.75usft (H&P 313)
Well:	Big Burro 27 St Com 123H	North Reference:	Grid
Wellbore:	OH / 75068	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	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)
12,739.00	94.59	270.31	7,390.84	1,146.28	-5,251.34	5,344.62	2.60	2.56	-0.40
12,833.00	91.77	269.67	7,385.62	1,146.26	-5,345.18	5,437.91	3.08	-3.00	-0.68
12,928.00	90.58	269.63	7,383.67	1,145.68	-5,440.16	5,532.26	1.25	-1.25	-0.04
13,023.00	91.73	271.72	7,381.76	1,146.80	-5,535.13	5,626.79	2.51	1.21	2.20
13,117.00	90.61	271.11	7,379.84	1,149.12	-5,629.08	5,720.44	1.36	-1.19	-0.65
13,211.00	90.33	269.52	7,379.07	1,149.63	-5,723.07	5,813.94	1.72	-0.30	-1.69
13,306.00	91.40	268.53	7,377.63	1,148.02	-5,818.04	5,908.18	1.53	1.13	-1.04
13,401.00	92.80	269.26	7,374.15	1,146.19	-5,912.96	6,002.33	1.66	1.47	0.77
13,495.00	92.54	268.90	7,369.77	1,144.68	-6,006.84	6,095.50	0.47	-0.28	-0.38
13,590.00	93.96	268.88	7,364.39	1,142.84	-6,101.67	6,189.57	1.49	1.49	-0.02
13,685.00	92.18	268.51	7,359.30	1,140.68	-6,196.50	6,283.62	1.91	-1.87	-0.39
13,779.00	91.95	268.93	7,355.91	1,138.58	-6,290.42	6,376.75	0.51	-0.24	0.45
13,874.00	91.69	268.87	7,352.90	1,136.76	-6,385.35	6,470.93	0.28	-0.27	-0.06
13,968.00	91.03	268.46	7,350.67	1,134.57	-6,479.30	6,564.09	0.83	-0.70	-0.44
14,063.00	90.81	268.51	7,349.14	1,132.06	-6,574.26	6,658.21	0.24	-0.23	0.05
14,157.00	90.62	268.26	7,347.97	1,129.41	-6,668.21	6,751.32	0.33	-0.20	-0.27
14,251.00	90.38	268.37	7,347.15	1,126.65	-6,762.17	6,844.43	0.28	-0.26	0.12
14,346.00	91.63	269.23	7,345.48	1,124.66	-6,857.13	6,938.61	1.60	1.32	0.91
14,440.00	92.44	268.74	7,342.14	1,122.99	-6,951.05	7,031.81	1.01	0.86	-0.52
14,535.00	92.03	268.33	7,338.44	1,120.57	-7,045.95	7,125.88	0.61	-0.43	-0.43
14,629.00	91.75	267.97	7,335.34	1,117.53	-7,139.85	7,218.90	0.49	-0.30	-0.38
14,724.00	92.09	268.69	7,332.16	1,114.77	-7,234.75	7,312.95	0.84	0.36	0.76
14,818.00	92.32	269.44	7,328.54	1,113.23	-7,328.67	7,406.14	0.83	0.24	0.80
14,912.00	92.06	269.74	7,324.95	1,112.56	-7,422.60	7,499.45	0.42	-0.28	0.32
15,007.00	91.76	270.59	7,321.78	1,112.84	-7,517.55	7,593.86	0.95	-0.32	0.89
15,101.00	91.06	270.38	7,319.47	1,113.63	-7,611.51	7,687.36	0.78	-0.74	-0.22
15,134.13	90.93	270.25	7,318.89	1,113.81	-7,644.64	7,720.31	0.55	-0.38	-0.40
PP4: 15134.13' MD, 7318.89' TVD									
15,196.00	90.70	270.00	7,318.01	1,113.95	-7,706.50	7,781.83	0.55	-0.38	-0.40
15,290.00	91.49	270.19	7,316.21	1,114.10	-7,800.48	7,875.27	0.86	0.84	0.20
15,385.00	91.67	270.90	7,313.59	1,115.00	-7,895.44	7,969.77	0.77	0.19	0.75
15,479.00	91.95	270.81	7,310.62	1,116.41	-7,989.39	8,063.31	0.31	0.30	-0.10
15,573.00	91.29	270.67	7,307.97	1,117.62	-8,083.34	8,156.84	0.72	-0.70	-0.15
15,668.00	91.53	270.40	7,305.63	1,118.51	-8,178.31	8,251.35	0.38	0.25	-0.28
15,762.00	93.14	269.77	7,301.80	1,118.65	-8,272.22	8,344.73	1.84	1.71	-0.67
15,856.00	92.71	269.88	7,297.00	1,118.36	-8,366.10	8,438.02	0.47	-0.46	0.12
15,951.00	92.30	269.75	7,292.85	1,118.05	-8,461.01	8,532.34	0.45	-0.43	-0.14
16,045.00	91.61	269.49	7,289.64	1,117.43	-8,554.95	8,625.66	0.78	-0.73	-0.28
16,140.00	93.25	269.59	7,285.62	1,116.67	-8,649.86	8,719.93	1.73	1.73	0.11
16,234.00	92.49	269.08	7,280.91	1,115.58	-8,743.74	8,813.13	0.97	-0.81	-0.54
16,328.00	92.24	269.16	7,277.03	1,114.14	-8,837.64	8,906.33	0.28	-0.27	0.09
16,423.00	92.12	268.80	7,273.42	1,112.45	-8,932.56	9,000.51	0.40	-0.13	-0.38
16,517.00	92.23	268.82	7,269.85	1,110.50	-9,026.47	9,093.65	0.12	0.12	0.02
16,612.00	93.42	269.50	7,265.17	1,109.10	-9,121.34	9,187.82	1.44	1.25	0.72

PERMIAN RESOURCES

Phoenix Technology Services Survey Report



Company:	Permian Resources	Local Co-ordinate Reference:	Well Big Burro 27 St Com 123H
Project:	Eddy County, NM (NAD83 - NME)	TVD Reference:	RKB @ 3362.75usft (H&P 313)
Site:	Big Burro	MD Reference:	RKB @ 3362.75usft (H&P 313)
Well:	Big Burro 27 St Com 123H	North Reference:	Grid
Wellbore:	OH / 75068	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 313)	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)
16,706.00	93.26	269.68	7,259.69	1,108.43	-9,215.18	9,281.03	0.26	-0.17	0.19
16,800.00	92.74	269.38	7,254.77	1,107.66	-9,309.05	9,374.26	0.64	-0.55	-0.32
16,895.00	92.51	269.69	7,250.42	1,106.89	-9,403.95	9,468.52	0.41	-0.24	0.33
16,990.00	91.86	269.45	7,246.80	1,106.18	-9,498.87	9,562.81	0.73	-0.68	-0.25
17,084.00	91.29	269.28	7,244.21	1,105.14	-9,592.83	9,656.10	0.63	-0.61	-0.18
17,178.00	91.02	269.27	7,242.32	1,103.95	-9,686.81	9,749.39	0.29	-0.29	-0.01
17,273.00	92.21	269.57	7,239.64	1,102.99	-9,781.76	9,843.68	1.29	1.25	0.32
17,367.00	92.32	269.50	7,235.93	1,102.23	-9,875.69	9,936.97	0.14	0.12	-0.07
17,461.00	91.84	269.57	7,232.52	1,101.46	-9,969.62	10,030.27	0.52	-0.51	0.07
17,556.00	91.26	269.64	7,229.95	1,100.81	-10,064.58	10,124.60	0.61	-0.61	0.07
17,589.00	91.09	269.62	7,229.27	1,100.60	-10,097.58	10,157.38	0.52	-0.52	-0.06
Final Phoenix MWD Survey									
17,644.36	91.09	269.62	7,228.22	1,100.23	-10,152.92	10,212.36	0.00	0.00	0.00
LTP: 17644.36' MD, 7228.22' TVD									
17,665.00	91.09	269.62	7,227.82	1,100.09	-10,173.56	10,232.86	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)	
180.00	180.00	-0.18	0.20	First Phoenix MWD Survey
7,227.43	7,082.65	1,138.15	72.36	FTP: 7227.43' MD, 7082.65' TVD
11,221.38	7,413.63	1,174.97	-3,734.59	PP2: 11221.38' MD, 7413.63' TVD
12,524.09	7,398.60	1,144.10	-5,036.64	PP3: 12524.09' MD, 7398.60' TVD
15,134.13	7,318.89	1,113.81	-7,644.64	PP4: 15134.13' MD, 7318.89' TVD
17,589.00	7,229.27	1,100.60	-10,097.58	Final Phoenix MWD Survey
17,644.36	7,228.22	1,100.23	-10,152.92	LTP: 17644.36' MD, 7228.22' TVD
17,665.00	7,227.82	1,100.09	-10,173.56	Projection to TD

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: ☒ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☐ C-144 Closure Attachment ☐ Other	
Operator Name: Permian Resources Operating, LLC	OGRID: 372165
Property Name and Well Number: Big Burro 27 State Com 123H	Property Code: 327171
Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal	API Number: 30-0 15-49923
Pool Name: Winchester; Bone Spring, West	Pool Code: 97569

Section 2 – Well Location										
	Ul or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	P	27	19S	28E		1131	South	173	East	Eddy
BHL	L	28	19S	28E		173	South	79	West	Eddy

Section 3 – Completion Information

Date T.D. Reached 7/24/24	Total Measured Depth of Well 17,665	Acid Volume (bbls) N/A	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 7/26/24	Plug-Back Measured Depth 17,614	Completion Fluid Used (bbls) 399,947	Were Logs Ran (Y/N) Yes
Completion Date 9/23/24	Perforations (MD and TVD) 7,963 - 17,610 MD 7,530 - 7,194 TVD	Completion Proppant Used (lbs) 20,303,550	List Type of Logs Ran if applicable: Gamma Ray

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 363560	UIC Permit/Order (UIC wells only) ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 363561	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	NOI Plugback Action ID (if applicable):
Production Casing Action ID: 370661	Cement Squeeze Action ID (if applicable):
Tubing Action ID:	All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No
Liner 1 Action ID:	Casing was installed prior to Action ID system (Y/N): No

Section 5 – Test Data

Date First Production 9/23/24	Production Method Gas Lift	Well Status Producing	Gas – Oil Ratio 1162
Date of Test 11/2/24	Choke Size 1.3	Flowing Tubing Pressure	Casing Pressure 342
24 hr Oil (bbls) 1159	24 hr Gas (MCF) 1347	24 hr Water (bbls) 1513	Oil Gravity - API 45.9
Disposition of Gas: Sold			

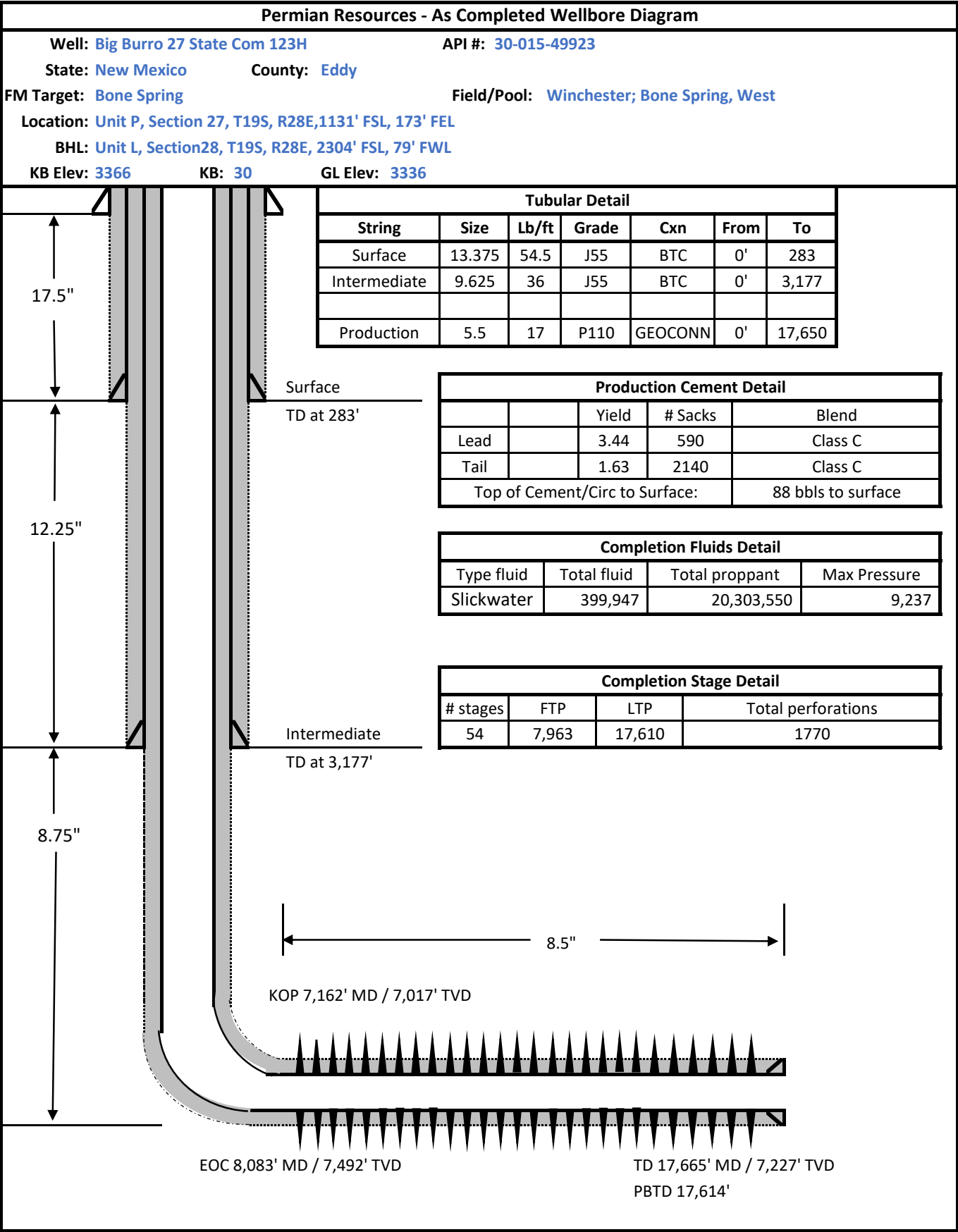
Section 6 – Pits

☐ A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit.
☒ A Closed Loop System was used.
☐ If an on-site burial was used at the well, report the exact location of the on-site burial:
LAT: _____ LONG: _____

Section 7 - 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 11/6/24

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
Rustler	309	309	W	T. San Jose			
Bell Canyon	3243	3224	O/G	T. Nacimiento			
Brushy Canyon	3477	3450	O/G	T. Ojo Alamo			
Bone Spring Lime	4212	4151	O/G	T. Kirtland			
1st Bone Spring	6613	6470	O/G	T. Fruitland			
2nd Bone Spring	7145	6998	O/G	T. Pictured Cliffs			
T. Grayburg				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							



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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 400296

ACKNOWLEDGMENTS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 400296
	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

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CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	11/6/2025