

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Permian Resources Operating, LLC 1001 17th Street, Suite 1800 Denver, CO 80202		² OGRID Number 372165
		³ Reason for Filing Code/ Effective Date NW 6/6/23
⁴ API Number 30 - 0 25-49902	⁵ Pool Name GRAMA RIDGE; BONE SPRING, NE	⁶ Pool Code 28435
⁷ Property Code 332479	⁸ Property Name Margarita 12 State Com	⁹ Well Number 501H

II. ¹⁰ Surface Location

UL or lot no. B	Section 12	Township 22S	Range 34E	Lot Idn	Feet from the 780	North/South Line North	Feet from the 1355	East/West line East	County Lea
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¹¹ Bottom Hole Location

UL or lot no. J	Section 36	Township 21S	Range 34E	Lot Idn	Feet from the 2555	North/South line South	Feet from the 1886	East/West line East	County Lea
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date 6/6/23	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
329971	Oryx Delaware Oil Gathering NM, LLC	O
371960	Lucid Energy Delaware, LLC	G

IV. Well Completion Data

²¹ Spud Date 2/24/23	²² Ready Date 6/6/23	²³ TD 18,003D/10,272TVD	²⁴ PBDT 17,952	²⁵ Perforations 10,573-17,948'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2		13-3/8	1,820'		1,505
12-1/4		9-5/8	5,777'		1,185
7-7/8		5-1/2	17,988'		1,775

V. Well Test Data

³¹ Date New Oil 6/9/23	³² Gas Delivery Date 6/9/23	³³ Test Date 7/1/23	³⁴ Test Length 24 Hours	³⁵ Tbg. Pressure 330 psi	³⁶ Csg. Pressure 200 psi
³⁷ Choke Size 0.719	³⁸ Oil 909 bbl/day	³⁹ Water 1,756 bbl/day	⁴⁰ Gas 903 MCF/day		⁴¹ Test Method Flowing
⁴² 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. Signature: Meaghan Coughlan			OIL CONSERVATION DIVISION		
Printed name: Meaghan Coughlan			Approved by: PATRICIA MARTINEZ		
Title: Regulatory Analyst			Title: PETROLEUM SPECIALIST		
E-mail Address: meaghan.coughlan@permainres.com			Approval Date: 5/7/2025		
Date: 7/26/23		Phone: 720-499-1395			

☐ AMENDED REPORT

Certificate Number:


PHOENIX
TECHNOLOGY SERVICES

Job #: 71785
Client: Permian Resources
Well: Margarita 12 State Com 501H
Field: Pryor
Rig: H&P 425
API: 30-025-49902
County: Lea
State: New Mexico

Grid Convergence: -0.49°
Declination: 5.81°
Well Plan Reference: Grid North
Total Correction: 6.30°
Vertical Section Dir.: 356.23°
Dip Angle: 60.06°
Total Magnetic Field: 0.47668 nT
Gravity: 0.99924 g

MWD SURVEY DATA

No.	DATE / TIME	MD	BTS	SD	INC	AZM	C.L	TVD	VS	N/-S	E/-W	DLS	B./D.	BHA
Tie-In	XXX-XX-XXXX X:XX	0'	0'	0'	0.00	0.00	0'	0.00'	0.00'	0.00	0.00	0.00°	0.00	Surface
1	Feb-24-2023 22:29	235'	79'	156	0.97	273.16	156'	155.99'	0.16'	0.07 N	1.32 W	0.62°	0.62	1
2	Feb-24-2023 22:57	293'	79'	214	1.01	270.86	58'	213.98'	0.26'	0.11 N	2.32 W	0.10°	0.07	1
3	Feb-24-2023 23:19	353'	79'	274	0.95	269.02	60'	273.98'	0.33'	0.11 N	3.35 W	0.11°	-0.10	1
4	Feb-24-2023 23:35	411'	79'	332	0.79	269.21	58'	331.97'	0.37'	0.09 N	4.23 W	0.28°	-0.28	1
5	Feb-24-2023 23:53	470'	79'	391	0.72	266.42	59'	390.96'	0.39'	0.06 N	5.00 W	0.13°	-0.12	1
6	Feb-25-2023 0:13	528'	79'	449	0.63	265.83	58'	448.96'	0.39'	0.02 N	5.68 W	0.16°	-0.16	1
7	Feb-25-2023 0:29	585'	79'	506	0.63	278.58	57'	505.96'	0.46'	0.04 N	6.31 W	0.25°	0.00	1
8	Feb-25-2023 1:00	708'	79'	629	0.26	251.51	123'	628.95'	0.53'	0.05 N	7.24 W	0.34°	-0.30	1
9	Feb-25-2023 1:20	799'	79'	720	0.39	261.28	91'	719.95'	0.45'	0.06 S	7.74 W	0.15°	0.14	1
10	Feb-25-2023 1:42	890'	79'	811	0.45	245.49	91'	810.95'	0.30'	0.25 S	8.37 W	0.14°	0.07	1
11	Feb-25-2023 2:05	980'	79'	901	0.54	237.89	90'	900.94'	-0.03'	0.62 S	9.05 W	0.12°	0.10	1
12	Feb-25-2023 2:22	1069'	79'	990	0.63	240.62	89'	989.94'	-0.44'	1.09 S	9.84 W	0.11°	0.10	1
13	Feb-25-2023 3:15	1158'	79'	1079	0.72	236.27	89'	1078.93'	-0.93'	1.64 S	10.73 W	0.12°	0.10	1
14	Feb-25-2023 3:36	1249'	79'	1170	0.77	225.58	91'	1169.93'	-1.61'	2.38 S	11.64 W	0.16°	0.05	1
15	Feb-25-2023 3:56	1340'	79'	1261	0.72	216.70	91'	1260.92'	-2.45'	3.27 S	12.42 W	0.14°	-0.05	1
16	Feb-25-2023 4:23	1431'	79'	1352	0.63	225.27	91'	1351.91'	-3.21'	4.08 S	13.12 W	0.15°	-0.10	1
17	Feb-25-2023 4:52	1520'	79'	1441	0.35	216.96	89'	1440.91'	-3.74'	4.64 S	13.63 W	0.32°	-0.31	1
18	Feb-25-2023 5:18	1614'	79'	1535	0.29	246.15	94'	1534.91'	-4.04'	4.97 S	14.02 W	0.18°	-0.06	1
19	Feb-25-2023 5:39	1708'	79'	1629	0.22	205.88	94'	1628.91'	-4.27'	5.23 S	14.31 W	0.20°	-0.07	1
20	Feb-25-2023 6:24	1802'	79'	1723	0.25	259.20	94'	1722.91'	-4.46'	5.43 S	14.59 W	0.23°	0.03	1
21	Feb-27-2023 1:03	1991'	80'	1911	0.19	83.15	188'	1910.91'	-4.49'	5.47 S	14.69 W	0.23°	-0.03	2
22	Feb-27-2023 1:49	2085'	80'	2005	1.29	28.97	94'	2004.90'	-3.59'	4.52 S	14.02 W	1.26°	1.17	2
23	Feb-27-2023 2:22	2179'	80'	2099	2.58	14.51	94'	2098.84'	-0.69'	1.55 S	12.98 W	1.46°	1.37	2
24	Feb-27-2023 2:52	2274'	80'	2194	3.58	9.72	95'	2193.70'	4.22'	3.45 N	11.94 W	1.09°	1.05	2
25	Feb-27-2023 3:24	2368'	80'	2288	4.70	13.83	94'	2287.46'	10.75'	10.08 N	10.52 W	1.23°	1.19	2
26	Feb-27-2023 3:46	2462'	80'	2382	5.92	19.49	94'	2381.05'	18.87'	18.39 N	7.99 W	1.41°	1.30	2
27	Feb-27-2023 4:10	2556'	80'	2476	5.74	18.60	94'	2474.57'	27.67'	27.41 N	4.87 W	0.21°	-0.19	2
28	Feb-27-2023 4:42	2650'	80'	2570	5.53	19.86	94'	2568.11'	36.17'	36.13 N	1.83 W	0.26°	-0.22	2
29	Feb-27-2023 5:12	2744'	80'	2664	6.97	3.07	94'	2661.56'	45.98'	46.08 N	0.01 E	2.46°	1.53	2
30	Feb-27-2023 5:37	2838'	80'	2758	8.31	0.16	94'	2754.72'	58.42'	58.57 N	0.34 E	1.48°	1.43	2
31	Feb-27-2023 6:00	2933'	80'	2853	8.05	2.54	95'	2848.76'	71.88'	72.08 N	0.65 E	0.45°	-0.27	2
32	Feb-27-2023 6:33	3027'	80'	2947	8.04	1.09	94'	2941.83'	84.98'	85.23 N	1.07 E	0.22°	-0.01	2
33	Feb-27-2023 7:03	3121'	80'	3041	9.94	350.64	94'	3034.68'	99.60'	99.81 N	0.13 W	2.66°	2.02	2
34	Feb-27-2023 7:47	3215'	80'	3135	11.16	343.83	94'	3127.09'	116.56'	116.55 N	3.98 W	1.85°	1.30	2
35	Feb-27-2023 8:22	3310'	80'	3230	11.46	340.08	95'	3220.25'	134.61'	134.26 N	9.76 W	0.84°	0.32	2
36	Feb-27-2023 8:58	3404'	80'	3324	11.42	335.15	94'	3312.38'	152.26'	151.48 N	16.85 W	1.04°	-0.04	2
37	Feb-27-2023 9:23	3498'	80'	3418	11.71	331.20	94'	3404.47'	169.59'	168.28 N	25.35 W	0.90°	0.31	2
38	Feb-27-2023 10:04	3593'	80'	3513	10.96	329.48	95'	3497.62'	186.39'	184.51 N	34.59 W	0.87°	-0.79	2
39	Feb-27-2023 10:33	3687'	80'	3607	10.41	326.74	94'	3589.99'	201.76'	199.31 N	43.78 W	0.80°	-0.59	2
40	Feb-27-2023 11:11	3781'	80'	3701	9.93	326.57	94'	3682.51'	216.19'	213.18 N	52.90 W	0.51°	-0.51	2
41	Feb-27-2023 11:33	3875'	80'	3795	9.58	326.41	94'	3775.16'	230.02'	226.46 N	61.70 W	0.37°	-0.37	2
42	Feb-27-2023 12:02	3969'	80'	3889	9.44	326.00	94'	3867.86'	243.47'	239.36 N	70.33 W	0.17°	-0.15	2
43	Feb-27-2023 12:28	4064'	80'	3984	9.28	326.02	95'	3961.60'	256.82'	252.17 N	78.97 W	0.17°	-0.17	2
44	Feb-27-2023 13:14	4158'	80'	4078	9.08	327.05	94'	4054.39'	269.85'	264.68 N	87.24 W	0.28°	-0.21	2
45	Feb-27-2023 13:31	4252'	80'	4172	9.19	328.22	94'	4147.20'	282.95'	277.29 N	95.23 W	0.23°	0.12	2
46	Feb-27-2023 13:53	4346'	80'	4266	8.92	328.46	94'	4240.03'	296.02'	289.88 N	103.00 W	0.29°	-0.29	2
47	Feb-27-2023 14:22	4440'	80'	4360	8.89	327.28	94'	4332.90'	308.83'	302.20 N	110.73 W	0.20°	-0.03	2
48	Feb-27-2023 14:50	4534'	80'	4454	8.83	326.58	94'	4425.78'	321.45'	314.33 N	118.63 W	0.13°	-0.06	2
49	Feb-27-2023 15:15	4628'	80'	4548	8.56	325.47	94'	4518.70'	333.74'	326.12 N	126.57 W	0.34°	-0.29	2
50	Feb-27-2023 15:41	4722'	80'	4642	8.62	323.97	94'	4611.64'	345.70'	337.58 N	134.68 W	0.25°	0.06	2
51	Feb-27-2023 16:05	4816'	80'	4736	8.49	322.29	94'	4704.60'	357.42'	348.77 N	143.07 W	0.30°	-0.14	2
52	Feb-27-2023 16:36	4910'	80'	4830	8.69	321.01	94'	4797.54'	368.98'	359.78 N	151.78 W	0.29°	0.21	2
53	Feb-27-2023 17:08	5004'	80'	4924	8.79	321.87	94'	4890.45'	380.71'	370.94 N	160.68 W	0.18°	0.11	2
54	Feb-27-2023 17:42	5098'	80'	5018	8.44	321.95	94'	4983.39'	392.34'	382.03 N	169.37 W	0.37°	-0.37	2
55	Feb-27-2023 18:22	5193'	80'	5113	8.35	321.64	95'	5077.37'	403.77'	392.92 N	177.95 W	0.11°	-0.09	2
56	Feb-27-2023 18:50	5287'	80'	5207	8.24	322.10	94'	5170.39'	414.97'	403.59 N	186.32 W	0.14°	-0.12	2
57	Feb-27-2023 19:20	5381'	80'	5301	7.97	321.16	94'	5263.45'	425.88'	413.98 N	194.55 W	0.32°	-0.29	2
58	Feb-27-2023 20:14	5475'	80'	5395	7.99	320.17	94'	5356.54'	436.49'	424.08 N	202.82 W	0.15°	0.02	2
59	Feb-27-2023 20:47	5569'	80'	5489	8.07	319.99	94'	5449.62'	447.10'	434.15 N	211.24 W	0.09°	0.09	2
60	Feb-27-2023 21:16	5663'	80'	5583	8.13	320.50	94'	5542.68'	457.81'	444.33 N	219.71 W	0.10°	0.06	2
61	Feb-27-2023 21:42	5757'	80'	5677	7.79	320.62	94'	5635.77'	468.39'	454.38 N	227.98 W	0.36°	-0.36	2
62	Feb-27-2023 22:10	5833'	80'	5753	7.48	320.60	76'	5711.10'	476.60'	462.19 N	234.39 W	0.41°	-0.41	2
63	Mar-3-2023 12:39	5941'	75'	5866	6.88	319.09	113'	5823.21'	487.97'	472.98 N	243.49 W	0.56°	-0.53	3
64	Mar-3-2023 13:06	6035'	75'	5960	7.90	322.80	94'	5916.43'	497.85'	482.39 N	251.09 W	1.20°	1.09	3
65	Mar-3-2023 13:32	6129'	75'	6054	10.14	325.45	94'	6009.26'	510.35'	494.35 N	259.69 W	2.42°	2.38	3
66	Mar-3-2023 13:49	6223'	75'	6148	10.70	326.49	94'	6101.71'	525.04'	508.44 N	269.20 W	0.63°	0.60	3
67	Mar-3-2023 14:03	6318'	75'	6243	10.53	326.21	95'	6195.09'	540.21'	523.01 N	278.89 W	0.19°	-0.18	3
68	Mar-3-2023 14:21	6412'	75'	6337	10.97	327.40	94'	6287.44'	555.48'	537.68 N	288.49 W	0.52°	0.47	3
69	Mar-3-2023 14:35	6506'	75'	6431	11.41	337.96	94'	6379.66'	572.15'	553.83 N	296.80 W	2.23°	0.47	3
70	Mar-3-2023 14:49	6600'	75'	6525	11.52	337.11	94'	6471.78'	589.85'	571.10 N	303.94 W	0.21°	0.12	3
71	Mar-3-2023 15:03	6694'	75'	6619	11.12	336.87	94'	6563.96'	607.27'	588.08 N	311.15 W	0.43°	-0.43	3

MWD SURVEY DATA														
No.	DATE / TIME	MD	BTS	SD	INC	AZM	C.L	TVD	VS	N/-S	E/-W	DLS	B./D.	BHA
72	Mar-3-2023 15:18	6788'	75'	6713	10.81	336.96	94'	6656.24'	624.14'	604.53 N	318.16 W	0.33°	-0.33	3
73	Mar-3-2023 15:31	6882'	75'	6807	10.37	335.32	94'	6748.64'	640.37'	620.33 N	325.14 W	0.57°	-0.47	3
74	Mar-3-2023 15:48	6976'	75'	6901	10.25	335.23	94'	6841.12'	656.08'	635.61 N	332.18 W	0.13°	-0.13	3
75	Mar-3-2023 16:10	7070'	75'	6995	9.55	333.02	94'	6933.72'	671.05'	650.16 N	339.22 W	0.85°	-0.74	3
76	Mar-3-2023 16:29	7165'	75'	7090	9.81	333.20	95'	7027.37'	685.74'	664.40 N	346.44 W	0.28°	0.27	3
77	Mar-3-2023 16:51	7259'	75'	7184	10.99	335.85	94'	7119.82'	701.51'	679.73 N	353.72 W	1.35°	1.26	3
78	Mar-3-2023 17:41	7353'	75'	7278	9.89	334.38	94'	7212.27'	717.41'	695.18 N	360.88 W	1.20°	-1.17	3
79	Mar-3-2023 18:00	7448'	75'	7373	9.21	333.49	95'	7305.95'	731.99'	709.34 N	367.80 W	0.73°	-0.72	3
80	Mar-3-2023 18:22	7542'	75'	7467	8.65	333.39	94'	7398.81'	745.44'	722.39 N	374.32 W	0.60°	-0.60	3
81	Mar-3-2023 18:42	7636'	75'	7561	8.39	332.50	94'	7491.77'	758.23'	734.80 N	380.66 W	0.31°	-0.28	3
82	Mar-3-2023 18:59	7730'	75'	7655	7.92	330.56	94'	7584.82'	770.35'	746.52 N	387.01 W	0.58°	-0.50	3
83	Mar-3-2023 19:19	7824'	75'	7749	6.82	333.94	94'	7678.04'	781.35'	757.17 N	392.64 W	1.26°	-1.17	3
84	Mar-3-2023 19:47	7918'	75'	7843	6.31	333.06	94'	7771.43'	791.26'	766.79 N	397.43 W	0.55°	-0.54	3
85	Mar-3-2023 20:05	8013'	75'	7938	5.73	331.62	95'	7865.90'	800.38'	775.62 N	402.05 W	0.63°	-0.61	3
86	Mar-3-2023 20:19	8107'	75'	8032	5.00	332.04	94'	7959.49'	808.38'	783.37 N	406.20 W	0.78°	-0.78	3
87	Mar-3-2023 20:56	8201'	75'	8126	4.88	332.47	94'	8053.14'	815.77'	790.53 N	409.97 W	0.13°	-0.13	3
88	Mar-3-2023 21:17	8295'	75'	8220	6.26	335.00	94'	8146.69'	824.21'	798.72 N	413.99 W	1.49°	1.47	3
89	Mar-3-2023 21:41	8390'	75'	8315	5.83	335.76	95'	8241.17'	833.56'	807.81 N	418.16 W	0.46°	-0.45	3
90	Mar-3-2023 22:04	8484'	75'	8409	5.20	335.43	94'	8334.73'	842.01'	816.04 N	421.89 W	0.67°	-0.67	3
91	Mar-3-2023 22:40	8578'	75'	8503	4.68	337.10	94'	8428.38'	849.62'	823.45 N	425.15 W	0.57°	-0.55	3
92	Mar-3-2023 23:14	8673'	75'	8598	4.19	337.71	95'	8523.10'	856.57'	830.23 N	427.98 W	0.52°	-0.52	3
93	Mar-3-2023 23:49	8767'	75'	8692	3.32	343.61	94'	8616.89'	862.48'	836.02 N	430.05 W	1.01°	-0.93	3
94	Mar-4-2023 0:15	8861'	75'	8786	2.71	347.91	94'	8710.76'	867.34'	840.80 N	431.28 W	0.69°	-0.65	3
95	Mar-4-2023 1:07	8955'	75'	8880	1.93	345.53	94'	8804.69'	871.09'	844.51 N	432.14 W	0.84°	-0.83	3
96	Mar-4-2023 1:40	9049'	75'	8974	1.99	285.99	94'	8898.64'	873.20'	846.49 N	434.10 W	2.07°	0.06	3
97	Mar-4-2023 2:34	9143'	75'	9068	1.85	277.20	94'	8992.59'	874.04'	847.13 N	437.18 W	0.35°	-0.15	3
98	Mar-4-2023 3:26	9238'	75'	9163	1.96	276.75	95'	9087.53'	874.63'	847.51 N	440.31 W	0.12°	0.12	3
99	Mar-4-2023 4:12	9332'	75'	9257	2.26	269.68	94'	9181.47'	875.04'	847.69 N	443.76 W	0.42°	0.32	3
100	Mar-4-2023 5:03	9426'	75'	9351	2.09	259.07	94'	9275.40'	874.93'	847.36 N	447.30 W	0.46°	-0.18	3
101	Mar-4-2023 5:48	9520'	75'	9445	2.13	258.01	94'	9369.34'	874.47'	846.67 N	450.69 W	0.06°	0.04	3
102	Mar-4-2023 6:35	9614'	75'	9539	2.19	258.32	94'	9463.27'	873.97'	845.94 N	454.16 W	0.07°	0.06	3
103	Mar-4-2023 7:16	9708'	75'	9633	1.95	250.12	94'	9557.21'	873.28'	845.03 N	457.42 W	0.40°	-0.26	3
104	Mar-4-2023 7:51	9830'	75'	9755	1.80	250.97	122'	9679.15'	872.20'	843.70 N	461.19 W	0.13°	-0.12	3
105	Mar-4-2023 19:56	9865'	47'	9818	1.62	269.26	63'	9742.12'	871.99'	843.37 N	463.01 W	0.91°	-0.29	4
106	Mar-4-2023 21:39	9959'	47'	9912	8.50	3.00	94'	9835.77'	878.97'	850.30 N	463.98 W	9.31°	7.32	4
107	Mar-4-2023 22:44	10053'	47'	10006	18.95	356.48	94'	9926.96'	901.19'	872.54 N	464.55 W	11.22°	11.12	4
108	Mar-4-2023 23:34	10147'	47'	10100	28.16	347.03	94'	10013.07'	938.45'	909.48 N	470.48 W	10.56°	9.80	4
109	Mar-5-2023 0:31	10241'	47'	10194	37.91	345.48	94'	10091.78'	988.84'	959.17 N	482.73 W	10.41°	10.37	4
110	Mar-5-2023 1:24	10335'	47'	10288	51.30	345.90	94'	10158.55'	1053.59'	1022.99 N	498.98 W	14.25°	14.24	4
111	Mar-5-2023 2:30	10429'	47'	10382	60.16	348.29	94'	10211.43'	1130.21'	1098.65 N	516.23 W	9.66°	9.43	4
112	Mar-5-2023 3:37	10523'	47'	10476	66.67	354.69	94'	10253.51'	1213.89'	1181.70 N	528.52 W	9.22°	6.93	4
113	Mar-5-2023 4:42	10617'	47'	10570	79.18	352.27	94'	10281.06'	1303.45'	1270.78 N	538.77 W	13.53°	13.31	4
114	Mar-5-2023 20:51	10718'	56'	10662	83.06	353.21	92'	10295.26'	1394.16'	1360.93 N	550.25 W	4.34°	4.22	5
115	Mar-5-2023 21:51	10812'	56'	10756	81.48	357.15	94'	10307.91'	1487.27'	1453.72 N	558.08 W	4.48°	-1.68	5
116	Mar-5-2023 22:36	10906'	56'	10850	81.69	0.22	94'	10321.67'	1580.16'	1546.68 N	560.21 W	3.24°	0.22	5
117	Mar-5-2023 23:16	11000'	56'	10944	84.70	1.68	94'	10332.80'	1673.17'	1639.99 N	558.66 W	3.55°	3.20	5
118	Mar-5-2023 23:36	11095'	56'	11039	86.31	1.30	95'	10340.25'	1767.48'	1734.66 N	556.20 W	1.74°	1.69	5
119	Mar-6-2023 0:20	11189'	56'	11133	88.79	2.09	94'	10344.27'	1860.96'	1828.53 N	553.42 W	2.77°	2.64	5
120	Mar-6-2023 0:47	11282'	56'	11226	88.68	2.41	93'	10346.32'	1953.42'	1921.43 N	549.77 W	0.36°	-0.12	5
121	Mar-6-2023 1:26	11377'	56'	11321	90.56	1.80	95'	10346.95'	2047.92'	2016.36 N	546.28 W	2.08°	1.98	5
122	Mar-6-2023 2:00	11471'	56'	11415	92.72	2.02	94'	10344.26'	2141.41'	2110.26 N	543.15 W	2.31°	2.30	5
123	Mar-6-2023 2:24	11565'	56'	11509	93.15	1.73	94'	10339.45'	2234.83'	2204.09 N	540.08 W	0.55°	0.46	5
124	Mar-6-2023 2:47	11659'	56'	11603	93.37	0.52	94'	10334.10'	2328.33'	2297.92 N	538.23 W	1.31°	0.23	5
125	Mar-6-2023 4:02	11753'	56'	11697	91.24	1.85	94'	10330.32'	2421.90'	2391.81 N	536.29 W	2.67°	-2.27	5
126	Mar-6-2023 4:24	11848'	56'	11792	91.13	1.33	95'	10328.36'	2516.46'	2486.76 N	533.65 W	0.56°	-0.12	5
127	Mar-6-2023 4:46	11942'	56'	11886	90.19	1.19	94'	10327.27'	2610.09'	2580.73 N	531.59 W	1.01°	-1.00	5
128	Mar-6-2023 5:11	12036'	56'	11980	90.15	0.57	94'	10327.00'	2703.78'	2674.71 N	530.14 W	0.66°	-0.04	5
129	Mar-6-2023 5:41	12130'	56'	12074	89.71	359.74	94'	10327.11'	2797.56'	2768.71 N	529.89 W	1.00°	-0.47	5
130	Mar-6-2023 6:04	12224'	56'	12168	89.82	358.78	94'	10327.50'	2891.43'	2862.70 N	531.10 W	1.03°	0.12	5
131	Mar-6-2023 6:30	12318'	56'	12262	90.52	357.48	94'	10327.22'	2985.37'	2956.65 N	534.17 W	1.57°	0.74	5
132	Mar-6-2023 6:53	12412'	56'	12356	90.93	357.05	94'	10326.03'	3079.35'	3050.54 N	538.66 W	0.63°	0.44	5
133	Mar-6-2023 7:47	12506'	56'	12450	90.53	359.02	94'	10324.83'	3173.29'	3144.47 N	541.88 W	2.14°	-0.43	5
134	Mar-6-2023 8:12	12600'	56'	12544	89.53	358.81	94'	10324.78'	3267.19'	3238.45 N	543.66 W	1.09°	-1.06	5
135	Mar-6-2023 8:41	12695'	56'	12639	88.91	358.24	95'	10326.07'	3362.10'	3333.41 N	546.10 W	0.89°	-0.65	5
136	Mar-6-2023 9:32	12789'	56'	12733	89.61	359.55	94'	10327.29'	3455.99'	3427.38 N	547.92 W	1.58°	0.74	5
137	Mar-6-2023 10:00	12883'	56'	12827	89.22	359.22	94'	10328.25'	3549.84'	3521.37 N	548.93 W	0.54°	-0.41	5
138	Mar-6-2023 10:48	12977'	56'	12921	90.84	359.60	94'	10328.20'	3643.69'	3615.36 N	549.89 W	1.77°	1.72	5
139	Mar-6-2023 11:17	13072'	56'	13016	91.09	359.37	95'	10326.60'	3738.53'	3710.34 N	550.75 W	0.36°	0.26	5
140	Mar-6-2023 11:48	13166'	56'	13110	91.07	359.05	94'	10324.83'	3832.38'	3804.32 N	552.04 W	0.34°	-0.02	5
141	Mar-6-2023 12:21	13260'	56'	13204	90.67	358.71	94'	10323.40'	3926.27'	3898.29 N	553.88 W	0.56°	-0.43	5
142	Mar-6-2023 12:53	13354'	56'	13298	90.08	358.77	94'	10322.78'	4020.18'	3992.26 N	555.95 W	0.63°	-0.63	5
143	Mar-6-2023 13:35	13448'	56'	13392	89.62	358.65	94'	10323.03'	4114.09'	4086.24 N	558.06 W	0.51°	-0.49	5
144	Mar-6-2023 14:32	13543'	56'	13487	90.50	1.03	95'	10322.93'	4208.89'	4181.23 N	558.33 W	2.67°	0.93	5
145	Mar-6-2023 15:08	13637'	56'	13581	89.62	1.49	94'	10322.83'	4302.53'	4275.21 N	556.26 W	1.06°	-0.94	5
146	Mar-6-2023 16:11	13731'	56'	13675	88.42	1.42	94'	10324.44'	4396.13'	4369.16 N	553.87 W	1.28°	-1.28	5
147	Mar-6-2023 17:07	13825'	56'	13769	89.61	1.04	94'	10326.06'	4489.75'	4463.12 N	551.86 W	1.33°	1.27	5
148	Mar-													

MWD SURVEY DATA															
No.	DATE / TIME		MD	BTS	SD	INC	AZM	C.L	TVD	VS	N/-S	E/-W	DLS	B./D.	BHA
153	Mar-6-2023	21:12	14390'	56'	14334	91.58	2.29	94'	10317.02'	5052.09'	5027.70 N	536.39 W	0.68°	-0.59	5
154	Mar-6-2023	21:36	14484'	56'	14428	91.61	2.20	94'	10314.40'	5145.53'	5121.59 N	532.71 W	0.10°	0.03	5
155	Mar-6-2023	21:59	14578'	56'	14522	90.76	1.64	94'	10312.46'	5239.05'	5215.51 N	529.56 W	1.08°	-0.90	5
156	Mar-6-2023	22:24	14672'	56'	14616	90.08	1.03	94'	10311.77'	5332.67'	5309.48 N	527.37 W	0.97°	-0.72	5
157	Mar-6-2023	23:03	14766'	56'	14710	91.78	1.38	94'	10310.24'	5426.30'	5403.45 N	525.40 W	1.85°	1.81	5
158	Mar-7-2023	0:16	14861'	56'	14805	89.42	1.24	95'	10309.25'	5520.92'	5498.41 N	523.23 W	2.49°	-2.48	5
159	Mar-7-2023	0:16	14955'	56'	14899	88.67	0.90	94'	10310.82'	5614.57'	5592.38 N	521.47 W	0.88°	-0.80	5
160	Mar-7-2023	0:31	15049'	56'	14993	87.97	0.36	94'	10313.57'	5708.25'	5686.33 N	520.44 W	0.94°	-0.74	5
161	Mar-7-2023	1:01	15144'	56'	15088	87.24	359.60	95'	10317.54'	5802.96'	5781.25 N	520.47 W	1.11°	-0.77	5
162	Mar-7-2023	2:29	15238'	56'	15182	89.85	359.23	94'	10319.93'	5896.78'	5875.21 N	521.43 W	2.80°	2.78	5
163	Mar-7-2023	3:09	15332'	56'	15276	88.82	358.70	94'	10321.02'	5990.66'	5969.18 N	523.13 W	1.23°	-1.10	5
164	Mar-7-2023	3:42	15426'	56'	15370	87.74	357.96	94'	10323.84'	6084.55'	6063.10 N	525.87 W	1.39°	-1.15	5
165	Mar-7-2023	5:03	15521'	56'	15465	89.58	358.49	95'	10326.06'	6179.47'	6158.02 N	528.81 W	2.02°	1.94	5
166	Mar-7-2023	6:35	15615'	56'	15559	93.10	0.07	94'	10323.86'	6273.29'	6251.97 N	529.99 W	4.10°	3.74	5
167	Mar-7-2023	7:08	15709'	56'	15653	92.50	359.26	94'	10319.27'	6367.01'	6345.86 N	530.54 W	1.07°	-0.64	5
168	Mar-7-2023	7:58	15803'	56'	15747	91.64	359.09	94'	10315.88'	6460.82'	6439.78 N	531.89 W	0.93°	-0.91	5
169	Mar-7-2023	9:51	15897'	56'	15841	88.98	357.70	94'	10315.37'	6554.74'	6533.74 N	534.52 W	3.19°	-2.83	5
170	Mar-7-2023	11:10	15991'	56'	15935	91.09	358.58	94'	10315.31'	6648.68'	6627.68 N	537.57 W	2.43°	2.24	5
171	Mar-7-2023	12:29	16085'	56'	16029	91.61	359.72	94'	10313.10'	6742.53'	6721.64 N	538.97 W	1.33°	0.55	5
172	Mar-7-2023	13:03	16179'	56'	16123	91.27	359.55	94'	10310.73'	6836.34'	6815.61 N	539.57 W	0.40°	-0.36	5
173	Mar-7-2023	13:45	16274'	56'	16218	90.59	359.20	95'	10309.19'	6931.18'	6910.59 N	540.60 W	0.81°	-0.72	5
174	Mar-7-2023	15:31	16368'	56'	16312	91.33	359.91	94'	10307.62'	7025.01'	7004.57 N	541.33 W	1.09°	0.79	5
175	Mar-7-2023	16:06	16462'	56'	16406	90.25	359.22	94'	10306.32'	7118.84'	7098.56 N	542.05 W	1.36°	-1.15	5
176	Mar-7-2023	17:17	16556'	56'	16500	91.30	359.73	94'	10305.05'	7212.68'	7192.55 N	542.91 W	1.24°	1.12	5
177	Mar-7-2023	17:53	16650'	56'	16594	90.18	359.36	94'	10303.84'	7306.51'	7286.53 N	543.65 W	1.25°	-1.19	5
178	Mar-7-2023	19:05	16745'	56'	16689	92.13	358.72	95'	10301.92'	7401.37'	7381.50 N	545.25 W	2.16°	2.05	5
179	Mar-7-2023	19:45	16839'	56'	16783	91.84	358.32	94'	10298.66'	7495.24'	7475.41 N	547.67 W	0.53°	-0.31	5
180	Mar-7-2023	20:28	16933'	56'	16877	90.72	357.49	94'	10296.57'	7589.18'	7569.32 N	551.11 W	1.48°	-1.19	5
181	Mar-7-2023	22:02	17027'	56'	16971	89.21	357.08	94'	10296.62'	7683.16'	7663.21 N	555.56 W	1.66°	-1.61	5
182	Mar-7-2023	22:50	17122'	56'	17066	91.47	357.96	95'	10296.06'	7778.12'	7758.11 N	559.67 W	2.55°	2.38	5
183	Mar-8-2023	0:19	17216'	56'	17160	92.41	359.75	94'	10292.88'	7871.97'	7852.04 N	561.55 W	2.15°	1.00	5
184	Mar-8-2023	1:16	17310'	56'	17254	91.83	359.64	94'	10289.40'	7965.73'	7945.97 N	562.05 W	0.63°	-0.62	5
185	Mar-8-2023	2:35	17405'	56'	17349	92.60	359.21	95'	10285.73'	8060.51'	8040.89 N	563.00 W	0.93°	0.81	5
186	Mar-8-2023	3:37	17499'	56'	17443	90.87	358.45	94'	10282.88'	8154.37'	8134.83 N	564.92 W	2.01°	-1.84	5
187	Mar-8-2023	5:33	17593'	56'	17537	92.81	358.08	94'	10279.86'	8248.25'	8228.73 N	567.76 W	2.10°	2.06	5
188	Mar-8-2023	6:41	17687'	56'	17631	92.03	357.57	94'	10275.89'	8342.13'	8322.58 N	571.33 W	0.99°	-0.83	5
189	Mar-8-2023	7:43	17781'	56'	17725	90.89	357.72	94'	10273.50'	8436.07'	8416.47 N	575.19 W	1.22°	-1.21	5
190	Mar-8-2023	8:28	17875'	56'	17819	90.36	357.34	94'	10272.47'	8530.04'	8510.37 N	579.24 W	0.69°	-0.56	5
191	Mar-8-2023	9:00	17970'	56'	17914	89.96	356.75	95'	10272.21'	8625.03'	8605.24 N	584.14 W	0.75°	-0.42	5
192	Mar-8-2023	9:18	18003'	56'	17947	89.52	356.62	33'	10272.36'	8658.03'	8638.19 N	586.05 W	1.39°	-1.33	5
193	Mar-8-2023	9:49	18003'	0'	18003	89.52	356.62	56'	10272.83'	8714.03'	8694.09 N	589.35 W	0.00°	0.00	PTB

Released to Imaging: 5/7/2025 1:54:01 PM

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-025-49902		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN		
								3. State Oil & Gas Lease No.		
5. Lease Name or Unit Agreement Name Margarita 12 State Com								6. Well Number: 501H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Permian Resources Operating, LLC						9. OGRID 372165				
10. Address of Operator 1001 17th Street, Suite 1800, Denver, CO 80202						11. Pool name or Wildcat GRAMA RIDGE; BONE SPRING, NE				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	12	22S	34E		780	North	1355	East	Lea
BH:	J	36	21S	34E		2555	South	1886	East	Lea
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released			16. Date Completed (Ready to Produce)		17. Elevations (DF and RKB, RT, GR, etc.)		
2/24/23	3/8/23		3/9/23			6/6/23		3589		
18. Total Measured Depth of Well			19. Plug Back Measured Depth			20. Was Directional Survey Made?		21. Type Electric and Other Logs Run		
18,003			17,952			Yes		Gamma Ray		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
10,573-17,948'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8		54.5		1.852		17-1/2		1,505 sx		
9-5/8		40		5,777		12-1/4		1,185 sx		
5-1/2		20		17,988		7-7/8		1,775 sx		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
						2 - 7/8	9,338			
26. Perforation record (interval, size, and number)						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
10,573-17,948', 1,479 holes						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,573-17,948'		15,807,078 gals slick water		
								16,959,575# 100 mesh sand		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
6/9/23		Flowing-CSG				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
7/1/23	24	0.719		909	903	1,756	994			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
330	200		909	903	1,756	38.9				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By		
Sold								Montgomery Floyd		
31. List Attachments										
C-104, Survey, C-102, Additional points required										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude				Longitude				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature Meaghan Coughlan				Printed Name Meaghan Coughlan				Title Regulatory Analyst		Date 7/26/23
E-mail Address meaghan.coughlan@permianres.com										

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 244393

ACKNOWLEDGMENTS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 244393
	Action Type: [C-104] Completion Packet (C-104C)

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.

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

General Information
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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CONDITIONS

Action 244393

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 244393
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	Future submittal of C-102 needs to indicate dedicated acreage and outline dedicated acreage in a red box. Future submittal of C-103 Completion Sundry needs to indicate Perf. range (10573-17948).	5/7/2025