

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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 EARTHSTONE OPERATING, LLC 1400 WOODLOCH FOREST STE. 300 THE WOODLANDS, TX 77380		² OGRID Number 331165	
		³ Reason for Filing Code/ Effective Date NW-01/25/202 2	
⁴ API Number 30 - 0 25-46536	⁵ Pool Name GRAMA RIDGE; BONE SPRING, NE		⁶ Pool Code 28435
⁷ Property Code 332562	⁸ Property Name GRAMA RIDGE EAST 34 2BS STATE COM		⁹ Well Number 7H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	34	21S	34E		155	NORTH	910	WEST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	34	21S	34E		88	SOUTH	2052	WEST	LEA
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date	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
372603	3BEAR FIELD SERVICES, LLC	O/G

IV. Well Completion Data

²¹ Spud Date 11/27/2021	²² Ready Date 01/25/2022	²³ TD 15400' MD/10418' TVD	²⁴ PBDT 15380'MD/10418'TVD	²⁵ Perforations 10879' - 15362'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17.5"		13.375"		1810'	1630
12.25"		9.625"		5658'	1490
8.75"		5.5"		15384'	1475

V. Well Test Data

³¹ Date New Oil 01/27/2022	³² Gas Delivery Date 01/27/2022	³³ Test Date 02/18/2022	³⁴ Test Length 24	³⁵ Tbg. Pressure NA	³⁶ Csg. Pressure 240
³⁷ Choke Size 64/64	³⁸ Oil 569	³⁹ Water 947	⁴⁰ Gas 643		⁴¹ Test Method FLOW
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: <i>Deborah Marberry</i>			OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i> Title: <i>PETROLEUM SPECIALIST</i> Approval Date: <i>1/14/2025</i>		
Printed name: DEBORAH MARBERRY					
Title: SR. REGULATORY TECH					
E-mail Address: DMARBERRY@EARTHSTONEENERGY.COM					
Date: 10/26/2022		Phone: 713-906-5868			

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

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (575) 748-1283 Fax: (575) 748-9720

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

DISTRICT IV
1226 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3480 Fax: (505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1226 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

☒ AMENDED REPORT

API Number 30-025-46536	Pool Code 28435	Pool Name GRAMA RIDGE; BONE SPRING, NE
Property Code 332562	Property Name Grama Ridge East 34 2BS State Com	Well Number 7H
OGRID No. 331165	Operator Name EARTHSTONE OPERATING, LLC	Elevation 3715'

Surface Location

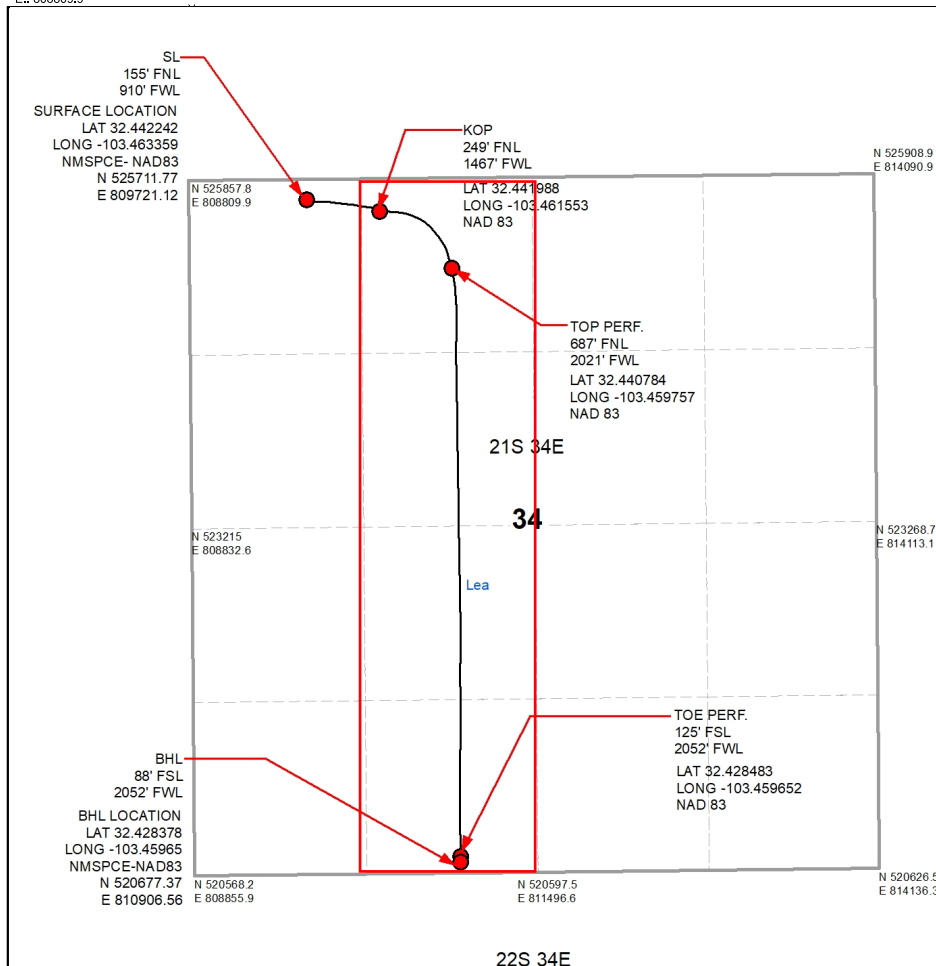
UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	North/South line	FEET from the	East/West line	County
D	34	21 S	34 E		155	NORTH	910	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	FEET from the	North/South line	FEET from the	East/West line	County
N	34	21 S	34 E		88	SOUTH	2052	WEST	LEA
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

N.: 525857.8
E.: 808809.9



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Deborah Marberry 12/27/22

Signature

Date

DEBORAH MARBERRY

Printed Name

DMARBERRY@EARTHSTONEENERGY.COM

Email Address



Chisholm Grama Ridge East 34 2BS State Com 7H Surveys to 15400' MD

Survey Geodetic Report

(Def Survey)

Report Date: December 17, 2021 - 04:52 PM
Client: Chisholm
Field: NM Lea County (NAD 83)
Structure / Slot: Chisholm Grama Ridge East 34 2BS State Com 7H / Chisholm Grama Ridge East 34 2BS State Com 7H
Well: Chisholm Grama Ridge East 34 2BS State Com 7H
Borehole: Original Borehole
UWI / API#: Unknown / 30-025-46536
Survey Name: Chisholm Grama Ridge East 34 2BS State Com 7H Surveys to 15400' MD
Survey Date: November 27, 2021
Tort / AHD / DDI / ERD Ratio: 246.941 * / 5873.822 ft / 6.329 / 0.560
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 26' 32.07120", W 103° 27' 48.09240"
Location Grid N/E Y/X: N 525711.775 ftUS, E 809721.118 ftUS
CRS Grid Convergence Angle: 0.4667 °
Grid Scale Factor: 0.99999158
Version / Patch: 2.10.824.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 179.500 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: Unknown
TVD Reference Elevation: 3741.000 ft above MSL
Seabed / Ground Elevation: 3715.000 ft above MSL
Magnetic Declination: 6.404 °
Total Gravity Field Strength: 998.4738mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47801.064 nT
Magnetic Dip Angle: 60.164 °
Declination Date: December 11, 2021
Magnetic Declination Model: HDGM 2021
North Reference: Grid North
Grid Convergence Used: 0.4667 °
Total Corr Mag North->Grid North: 5.9371 °
Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	525711.77	809721.12	N 32 26 32.07 W	103 27 48.09	0.00	0.00
	186.00	0.25	107.91	186.00	0.13	-0.12	0.39	0.13	525711.65	809721.50	N 32 26 32.07 W	103 27 48.09	0.41	107.91
	275.00	0.22	124.92	275.00	0.29	-0.28	0.71	0.08	525711.49	809721.83	N 32 26 32.07 W	103 27 48.08	0.76	111.66
	372.00	0.40	91.27	372.00	0.41	-0.40	1.20	0.26	525711.38	809722.32	N 32 26 32.07 W	103 27 48.08	1.27	108.25
	465.00	0.41	128.39	465.00	0.63	-0.61	1.79	0.28	525711.16	809722.91	N 32 26 32.07 W	103 27 48.07	1.89	108.85
	564.00	0.11	152.93	563.99	0.93	-0.91	2.11	0.32	525710.86	809723.23	N 32 26 32.06 W	103 27 48.07	2.30	113.46
	629.00	0.23	93.55	628.99	1.00	-0.98	2.27	0.30	525710.80	809723.38	N 32 26 32.06 W	103 27 48.07	2.47	113.35
	724.00	0.24	97.31	723.99	1.04	-1.02	2.65	0.02	525710.76	809723.77	N 32 26 32.06 W	103 27 48.06	2.84	110.94
	818.00	0.21	106.85	817.99	1.12	-1.09	3.01	0.05	525710.68	809724.13	N 32 26 32.06 W	103 27 48.06	3.21	109.89
	912.00	0.34	133.24	911.99	1.36	-1.33	3.38	0.19	525710.44	809724.50	N 32 26 32.06 W	103 27 48.05	3.64	111.49
	1007.00	0.29	118.80	1006.99	1.67	-1.64	3.80	0.10	525710.13	809724.92	N 32 26 32.05 W	103 27 48.05	4.14	113.36
	1101.00	0.11	194.91	1100.99	1.88	-1.84	3.98	0.30	525709.93	809725.10	N 32 26 32.05 W	103 27 48.05	4.39	114.82
	1195.00	0.78	174.41	1194.99	2.60	-2.57	4.02	0.72	525709.21	809725.14	N 32 26 32.05 W	103 27 48.05	4.77	122.53
	1289.00	0.18	140.21	1288.98	3.35	-3.32	4.18	0.68	525708.46	809725.30	N 32 26 32.04 W	103 27 48.04	5.34	128.43
	1383.00	0.40	142.33	1382.98	3.73	-3.69	4.48	0.23	525708.09	809725.59	N 32 26 32.03 W	103 27 48.04	5.80	129.51
	1478.00	0.24	140.54	1477.98	4.15	-4.11	4.80	0.17	525707.67	809725.92	N 32 26 32.03 W	103 27 48.04	6.32	130.52
	1572.00	0.48	166.32	1571.98	4.68	-4.64	5.02	0.30	525707.13	809726.14	N 32 26 32.02 W	103 27 48.03	6.84	132.74
	1666.00	0.21	190.55	1665.98	5.24	-5.19	5.08	0.32	525706.58	809726.20	N 32 26 32.02 W	103 27 48.03	7.27	135.60
	1752.00	0.17	202.72	1751.98	5.51	-5.46	5.01	0.07	525706.31	809726.12	N 32 26 32.02 W	103 27 48.03	7.41	137.51
	1853.00	0.26	254.97	1852.97	5.70	-5.66	4.73	0.20	525706.11	809725.84	N 32 26 32.01 W	103 27 48.04	7.38	140.15
	1947.00	0.15	272.97	1946.97	5.75	-5.71	4.40	0.13	525706.06	809725.52	N 32 26 32.01 W	103 27 48.04	7.21	142.40
	2042.00	0.51	72.85	2041.97	5.82	-5.58	4.68	0.69	525706.19	809725.80	N 32 26 32.02 W	103 27 48.04	7.28	140.03
	2136.00	0.79	97.16	2135.97	5.59	-5.54	5.72	0.41	525706.24	809726.84	N 32 26 32.02 W	103 27 48.03	7.96	134.07
	2230.00	0.80	83.41	2229.96	5.60	-5.54	7.02	0.20	525706.23	809728.13	N 32 26 32.02 W	103 27 48.01	8.94	128.31
	2325.00	0.69	105.78	2324.95	5.69	-5.62	8.22	0.32	525706.15	809729.34	N 32 26 32.01 W	103 27 48.00	9.96	124.36
	2419.00	0.70	93.15	2418.94	5.89	-5.81	9.34	0.16	525705.97	809730.46	N 32 26 32.01 W	103 27 47.98	11.00	121.87
	2513.00	0.56	76.99	2512.94	5.83	-5.74	10.36	0.24	525706.04	809731.48	N 32 26 32.01 W	103 27 47.97	11.85	118.97
	2608.00	0.81	85.70	2607.93	5.68	-5.58	11.49	0.28	525706.19	809732.60	N 32 26 32.02 W	103 27 47.96	12.77	115.92
	2702.00	0.82	88.30	2701.92	5.62	-5.51	12.82	0.04	525706.26	809733.94	N 32 26 32.02 W	103 27 47.94	13.95	113.26
	2796.00	0.89	68.47	2795.91	5.35	-5.22	14.17	0.32	525706.55	809735.29	N 32 26 32.02 W	103 27 47.93	15.10	110.23
	2891.00	0.88	75.10	2890.90	4.77	-4.70	15.56	0.11	525707.01	809736.68	N 32 26 32.02 W	103 27 47.91	16.28	107.02
	2985.00	1.14	70.36	2984.89	4.41	-4.27	17.14	0.29	525707.51	809738.26	N 32 26 32.03 W	103 27 47.89	17.66	103.97
	3080.00	1.80	60.37	3079.85	3.38	-3.21	19.33	0.74	525708.56	809740.45	N 32 26 32.04 W	103 27 47.87	19.59	99.43
	3174.00	1.99	89.07	3173.80	2.65	-2.45	22.24	1.02	525709.32	809743.36	N 32 26 32.05 W	103 27 47.83	22.38	96.30
	3269.00	2.22	87.89	3268.74	2.58	-2.36	25.73	0.25	525709.42	809746.85	N 32 26 32.05 W	103 27 47.79	25.84	95.24
	3363.00	2.67	93.56	3362.65	2.69	-2.43	29.74	0.54	525709.35	809750.85	N 32 26 32.04 W	103 27 47.75	29.83	94.67
	3457.00	2.14	108.34	3456.57	3.41	-3.12	33.59	0.86	525708.66	809754.70	N 32 26 32.04 W	103 27 47.70	33.73	95.30
	3552.00	1.91	113.75	3551.51	4.63	-4.31	36.72	0.31	525707.48	809757.84	N 32 26 32.03 W	103 27 47.66	36.97	96.70
	3647.00	1.43	112.26	3646.47	5.74	-5.40	39.27	0.51	525706.38	809760.38	N 32 26 32.03 W	103 27 47.63	39.64	97.83
	3741.00	3.06	97.75	3740.40	6.56	-6.18	42.84	1.82	525705.59	809763.95	N 32 26 32.01 W	103 27 47.59	43.28	98.21
	3835.00	2.09	108.56	3834.30	7.47	-7.07	46.95	1.15	525704.71	809768.07	N 32 26 32.00 W	103 27 47.55	47.48	98.56
	3929.00	1.14	114.31	3928.26	8.43	-8.00	49.43	1.02	525703.78	809770.54	N 32 26 31.99 W	103 27 47.52	50.07	99.19
	4024.00	1.12	119.10	4023.25	9.28	-8.84	51.10	0.10	525702.94	809772.22	N 32 26 31.98 W	103 27 47.50	51.86	99.81
	4118.00	1.23	125.18	4117.23	10.32	-9.86	52.73	0.18	525701.91	809773.84	N 32 26 31.97 W	103 27 47.48	53.64	100.60
	4213.00	1.20	113.15	4212.20	11.32	-10.84	54.47	0.27	525700.93	809775.59	N 32 26 31.96 W	103 27 47.46	55.54	101.26
	4307.00	1.19	121.33	4306.18	12.23	-11.74	56.21	0.18	525700.04	809777.33	N 32 26 31.95 W	103 27 47.44	57.43	101.79
	4401.00	1.11	115.79	4400.17	13.15	-12.64	57.87	0.15	525699.13	809778.96	N 32 26 31.94 W	103 27 47.42	59.23	102.32
	4495.00	1.31	133.26	4494.14	14.29	-13.77	59.47	0.44	525698.00	809780.59	N 32 26 31.93 W	103 27 47.40	61.04	103.04
	4623.00	0.93	108.38	4622.12	15.64	-15.10	61.52	0.48	525696.67	809782.64	N 32 26 31.92 W	103 27 47.38	63.35	103.79
	4685.00	2.55	81.09	4684.09	15.60	-15.05	63.36	2.86	525696.73	809784.48	N 32 26 31.92 W	103 27 47.35	65.12	103.36
	4779.00	2.36	95.25	4778.01	15.49	-14.90	67.35	0.67	525696.87	809788.47	N 32 26 31.92 W	103 27 47.31	68.98	102.48
	4874.00	2.65	98.44	4872.91	16.03	-15.40	71.47	0.34	525696.37	809792.59	N 32 26 31.91 W	103 27 47.26	73.11	102.16
	4968.00	2.77	94.38	4966.81	16.56	-15.90	75.89	0.24	525695.88	809797.00	N 32 26 31.91 W	103 27 47.21	77.53	101.83
	5063.00	2.72	95.76	5061.70	17.00	-16.30	80.42	0.09	525695.48	809801.54	N 32 26 31.90 W	103 27 47.16	82.05	101.46
	5157.00	2.89	96.65	5155.59	17.54	-16.80	84.99	0.19	525694.98	809806.11	N 32 26 31.90 W	103 27 47.10	86.64	101.18
	5251.00	2.89	95.59	5249.47	18.08	-17.30	89.70	0.06	525694.47	809810.82	N 32 26 31.89 W	103 27 47.05	91.34	100.92
	5346.00	3.22	96.06	5344.33	18.64	-17.82	94.74	0.35	525693.96	809815.86	N 32 26 31.89 W	103 27 46.99	96.40	100.65
	5440.00	3.21	91.47	5438.19	19.03	-18.16	100.00	0.27	525693.61	809821.11	N 32 26 31.88 W	103 27 46.93	101.63	100.29
	5535.00	3.67	90.80	5533.01	19.19	-18.27	105.70	0.49	525693.50	809826.81	N 32 26 31.88 W	103 27 46.86	107.26	99.81
	5629.00	3.60	90.61	5626.82	19.32	-18.35	111.66	0.08	525693.43	809832.77	N 32 26 31.88 W	103 27 46.79	113.15	99.33
	5653.00	3.56	89.57	5650.78	19.34	-18.35	113.15	0.32	525693.43	809834.27	N 32 26 31.88 W	103 27 46.77	114.63	99.21
	5804.00	4.23	90.77	5801.43	19.46	-18.39	123.41	0.45	525693.39	809844.53	N 32 26 31.88 W	103 27 46.65	124.77	98.47
	5899.00	4.18	88.23	5896.17	19.47	-18.33	130.37	0.20	525693.45	809851.49	N 32 26 31.88 W	103 27 46.57	131.66	98.00
	5993.00	4.14	84.57	5990.93	19.10	-17.90	137.18	0.29	525693.87	809858.29	N 32 26 31.88 W	103 27 46.49	138.34	97.44
	6087.00	3.83	82.17	6083.70	18.41	-17.51	143.80	0.15	525693.78	809864.78	N 32 26 31.89 W	103 27 46.		

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)
	8915.00	6.75	94.61	8894.82	57.26	-53.43	439.58	1.34	525658.35	810160.69	N 32 26 31.51 W	103 27 42.97	442.81	96.93
	9009.00	8.10	98.53	8986.03	58.79	-54.86	451.63	1.53	525656.92	810172.75	N 32 26 31.49 W	103 27 42.83	454.95	96.92
	9104.00	7.23	97.34	9082.18	60.66	-56.61	464.18	0.93	525655.17	810185.29	N 32 26 31.47 W	103 27 42.68	467.62	96.95
	9198.00	8.44	98.97	9175.30	62.60	-58.44	476.86	1.31	525653.34	810197.98	N 32 26 31.45 W	103 27 42.53	480.43	96.99
	9293.00	8.49	102.96	9269.26	65.38	-61.10	490.58	0.62	525650.68	810211.70	N 32 26 31.43 W	103 27 42.37	494.37	97.10
	9387.00	7.23	105.26	9362.38	68.60	-64.21	503.05	1.38	525647.56	810224.16	N 32 26 31.40 W	103 27 42.23	507.13	97.27
	9481.00	9.08	114.11	9455.43	73.30	-68.80	515.53	2.37	525642.97	810236.64	N 32 26 31.35 W	103 27 42.08	520.10	97.60
	9576.00	8.30	118.47	9549.34	79.74	-75.13	528.40	1.07	525636.64	810249.51	N 32 26 31.29 W	103 27 41.93	533.72	98.09
	9670.00	7.52	113.42	9642.44	85.52	-80.81	540.01	1.11	525630.96	810261.12	N 32 26 31.23 W	103 27 41.80	546.02	98.51
	9747.00	6.90	115.90	9716.83	89.62	-84.83	548.79	0.90	525626.94	810269.91	N 32 26 31.19 W	103 27 41.70	555.31	98.79
	9815.00	9.42	104.89	9786.15	92.89	-88.03	557.85	4.37	525623.75	810278.97	N 32 26 31.16 W	103 27 41.59	564.76	98.97
	9862.00	15.02	94.58	9832.07	94.44	-89.49	567.65	12.71	525622.28	810288.77	N 32 26 31.14 W	103 27 41.48	574.66	98.96
	9910.00	21.21	93.16	9877.67	95.55	-90.47	582.54	12.93	525621.31	810303.65	N 32 26 31.13 W	103 27 41.30	589.52	98.83
	9957.00	27.03	92.97	9920.54	96.74	-91.49	601.71	12.38	525620.28	810322.82	N 32 26 31.12 W	103 27 41.08	608.62	98.65
	10004.00	32.80	92.20	9961.26	97.99	-92.53	625.11	12.30	525619.24	810346.23	N 32 26 31.11 W	103 27 40.81	631.93	98.42
	10051.00	38.94	93.74	9999.33	99.68	-93.99	652.60	13.20	525617.79	810373.71	N 32 26 31.09 W	103 27 40.49	659.33	98.20
	10098.00	45.56	94.64	10034.10	102.28	-96.31	684.10	14.14	525615.46	810405.21	N 32 26 31.06 W	103 27 40.12	690.84	98.01
	10145.00	52.19	95.81	10065.00	105.83	-99.55	719.33	14.23	525612.22	810440.44	N 32 26 31.03 W	103 27 39.71	726.19	97.88
	10192.00	56.41	101.17	10092.43	111.83	-105.23	757.04	12.89	525609.55	810478.15	N 32 26 30.97 W	103 27 39.27	764.32	97.91
	10239.00	59.18	107.46	10117.50	122.02	-115.09	795.54	12.76	525596.69	810516.64	N 32 26 30.87 W	103 27 38.82	803.82	98.23
	10286.00	59.61	114.26	10141.45	136.75	-129.48	833.30	12.48	525582.29	810554.41	N 32 26 30.72 W	103 27 38.38	843.30	98.83
	10333.00	60.76	119.65	10164.83	155.55	-147.97	869.62	10.25	525563.81	810590.73	N 32 26 30.54 W	103 27 37.96	882.12	99.66
	10380.00	61.77	126.01	10187.44	178.19	-170.30	904.22	12.06	525541.47	810625.33	N 32 26 30.31 W	103 27 37.56	920.12	100.67
	10427.00	62.18	131.76	10209.54	204.50	-196.33	936.49	10.83	525515.44	810657.60	N 32 26 30.05 W	103 27 37.18	956.85	101.84
	10474.00	62.46	136.18	10231.38	233.65	-225.22	966.44	8.35	525486.56	810687.54	N 32 26 29.76 W	103 27 36.84	992.33	103.12
	10521.00	62.59	140.04	10253.07	264.92	-256.26	994.27	7.29	525455.52	810715.38	N 32 26 29.46 W	103 27 36.52	1026.76	104.45
	10568.00	59.42	145.14	10275.96	297.76	-288.87	1019.25	11.64	525422.91	810740.36	N 32 26 29.13 W	103 27 36.23	1059.40	105.82
	10615.00	52.88	148.00	10302.03	330.47	-321.40	1040.77	14.80	525390.37	810761.88	N 32 26 28.81 W	103 27 35.98	1089.27	107.16
	10662.00	47.52	152.13	10332.11	361.87	-352.65	1058.82	13.25	525359.13	810779.93	N 32 26 28.50 W	103 27 35.77	1116.00	108.42
	10709.00	46.77	159.18	10364.10	393.34	-383.99	1073.02	11.11	525327.78	810794.13	N 32 26 28.19 W	103 27 35.61	1139.66	109.69
	10756.00	53.54	160.79	10394.20	427.34	-417.89	1085.34	14.64	525293.89	810806.45	N 32 26 27.85 W	103 27 35.47	1163.01	111.06
	10788.00	58.17	162.73	10412.16	452.56	-443.80	1093.61	15.31	525268.74	810814.72	N 32 26 27.60 W	103 27 35.37	1179.95	112.05
	10819.00	61.77	163.67	10427.67	478.32	-468.73	1101.37	11.91	525243.05	810822.47	N 32 26 27.34 W	103 27 35.29	1196.96	113.05
	10850.00	65.57	165.01	10441.42	505.13	-495.47	1108.86	12.86	525216.31	810829.97	N 32 26 27.08 W	103 27 35.20	1214.52	114.08
	10882.00	68.89	166.34	10453.80	533.78	-524.06	1116.15	11.06	525187.72	810837.26	N 32 26 26.80 W	103 27 35.12	1233.06	115.15
	10914.00	73.32	167.44	10464.16	563.32	-553.54	1123.02	14.22	525158.24	810844.12	N 32 26 26.50 W	103 27 35.04	1252.03	116.24
	10945.00	77.93	168.71	10471.85	592.74	-582.91	1129.22	15.39	525128.87	810850.32	N 32 26 26.21 W	103 27 34.97	1270.79	117.30
	10975.00	81.69	170.14	10477.16	621.81	-611.93	1134.63	13.38	525099.85	810855.74	N 32 26 25.92 W	103 27 34.91	1289.13	118.34
	11007.00	85.15	172.32	10480.83	653.26	-643.34	1139.48	12.76	525068.44	810860.58	N 32 26 25.61 W	103 27 34.86	1308.55	119.45
	11038.00	88.70	174.93	10482.49	684.05	-674.10	1142.91	14.21	525037.68	810864.02	N 32 26 25.31 W	103 27 34.82	1326.90	120.53
	11069.00	90.70	176.06	10482.65	714.97	-705.00	1145.35	7.41	525006.78	810866.45	N 32 26 25.00 W	103 27 34.80	1344.93	121.61
	11132.00	92.93	175.83	10480.66	777.81	-747.88	1149.80	3.56	524943.98	810870.90	N 32 26 24.78 W	103 27 34.75	1382.59	123.73
	11204.00	93.07	176.88	10476.89	849.60	-839.56	1154.37	1.47	524872.22	810875.47	N 32 26 23.67 W	103 27 34.70	1427.39	126.03
	11297.00	91.83	181.39	10472.81	942.49	-932.44	1155.77	5.03	524779.34	810876.87	N 32 26 22.75 W	103 27 34.70	1482.90	128.90
	11392.00	91.69	182.21	10469.99	1037.37	-1027.35	1152.79	0.88	524684.44	810873.89	N 32 26 21.81 W	103 27 34.74	1544.14	131.71
	11485.00	91.93	181.01	10467.06	1130.26	-1102.26	1150.17	1.32	524591.52	810871.28	N 32 26 20.89 W	103 27 34.78	1605.58	134.25
	11579.00	91.95	179.23	10463.87	1224.19	-1214.21	1149.98	1.89	524497.58	810871.08	N 32 26 19.96 W	103 27 34.79	1672.35	136.56
	11673.00	91.90	178.83	10460.72	1318.14	-1308.14	1151.57	0.43	524403.65	810872.67	N 32 26 19.03 W	103 27 34.78	1742.80	138.64
	11768.00	90.65	178.95	10458.60	1413.11	-1403.10	1153.41	1.32	524308.69	810874.51	N 32 26 18.10 W	103 27 34.77	1816.32	140.58
	11861.00	90.86	178.71	10457.38	1506.09	-1496.07	1155.31	0.34	524215.72	810876.41	N 32 26 17.18 W	103 27 34.75	1890.23	142.32
	11955.00	90.72	178.97	10456.08	1600.08	-1590.04	1157.21	0.31	524121.75	810878.32	N 32 26 16.25 W	103 27 34.74	1966.56	143.95
	12049.00	90.92	179.37	10454.74	1694.07	-1684.02	1158.57	0.49	524027.77	810879.68	N 32 26 15.32 W	103 27 34.73	2044.37	145.47
	12143.00	90.69	179.35	10453.42	1788.06	-1778.00	1159.62	0.25	523933.79	810880.73	N 32 26 14.39 W	103 27 34.73	2122.74	146.89
	12238.00	90.71	179.12	10452.26	1883.05	-1872.99	1160.89	0.24	523838.81	810882.00	N 32 26 13.45 W	103 27 34.73	2203.58	148.21
	12332.00	89.88	179.19	10451.77	1977.04	-1966.98	1162.28	0.89	523744.82	810883.38	N 32 26 12.52 W	103 27 34.72	2284.71	149.42
	12425.00	89.88	179.12	10451.97	2070.04	-2059.97	1163.65	0.08	523651.83	810884.75	N 32 26 11.59 W	103 27 34.71	2365.91	150.54
	12519.00	89.92	178.84	10452.13	2164.04	-2165.95	1165.32	0.30	523557.85	810886.43	N 32 26 10.66 W	103 27 34.70	2448.98	151.59
	12614.00	89.78	178.92	10452.38	2259.03	-2248.93	1167.18	0.17	523462.87	810888.28	N 32 26 9.72 W	103 27 34.69	2533.77	152.57
	12707.00	89.96	179.61	10452.59	2352.03	-2341.92	1168.37	0.77	523369.87	810889.48	N 32 26 8.80 W	103 27 34.68	2617.19	153.49
	12802.00	89.88	179.10	10452.72	2447.03	-2436.92	1169.44	0.54	523274.88	810890.55	N 32 26 7.86 W	103 27 34.68	2702.99	154.36
	12896.00	89.75	179.28	10453.03	2541.03	-2530.91	1170.77	0.24	523180.89	810891.87	N 32 26 6.93 W	103 27 34.67	2788.58	155.18
	12991.00	90.89	178.89	10452.50	2636.02	-2625.89	1172.29	1.27	523085.91	810893.39	N 32 26 5.99 W	103 27 34.66	2875.69	155.94
	13089.00	90.89	178.73	10450.97	2734.00	-2723.86	1174.32	0.16	522987.94	810895.43	N 32 26 5.03 W	103 27 34.65	2966.22	156.68
	13179.00	90.70	178.37	10449.72	2823.98	-2813.82	1176.60	0.45	522897.98	810897.70	N 32 26 4.13 W	103 27 34.63	3049.91	157.31
	13273.00	90.63	179.28	10448.63	2917.97	-2907.79	1178.53	0.97	522804.01	810899.63	N 32 26 3.20 W	103 27 34.62	3137.55	157.94
	13367.00	90.81	178.84	10447.45	3011.96	-3001.77	1180.07	0.51	522710.03	810901.17	N 32 26 2.27 W	103 27 34.61	322	

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 a Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-46536
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator CHISHOLM ENERGY OPERATING, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 801 CHERRY ST., SUITE 1200-UNIT 20 FORT WORTH, TX 76102		7. Lease Name or Unit Agreement Name GRAMA RIDGE EAST 34 2BS STATE COM
4. Well Location Unit Letter <u>D</u> : <u>155</u> feet from the <u>NORTH</u> line and <u>910</u> feet from the <u>WEST</u> line Section <u>34</u> Township <u>21S</u> Range <u>34E</u> NMPM County <u>LEA</u>		8. Well Number 7H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3712' GR		9. OGRID Number 372137
		10. Pool name or Wildcat GRAMA RIDGE; BONE SPRING, NE

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: COMPLETIONS/PRODUCTION START UP ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

-12/28/2021-PBTD @ 15380' MD
 -RAN CBL W/ EST TOC @ 4500' MD
 -12/29/2021-SET CBP @ 15370' MD
 -TEST 5.5" PROD CSG TO 9850 PSI 30 MIN; GOOD TEST
 -PERFORATE STAGE 1 @ 15362'-15199'
 -01/05-01/14/2022-PERFORATE STAGES 2-25 @ 15182'-10879'
 -FRACTURE ALL STAGES @ 687 BBLS HCl + 218770 BBLS SW W/6342412# 100 MESH + 3703358# 40/70 SAND
 -01/16-01/19/2022-DRILL OUT
 -01/20/2022-TURN WELL OVER TO PRODUCTION
 -01/25/2022-BEGIN FLOWBACK

Spud Date:

11/27/2021

Rig Release Date:

12/16/2021

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jennifer Elrod TITLE SR. REGULATORY ANALYST DATE 02/02/2022

Type or print name JENNIFER ELROD E-mail address: jelrod@chisholmenergy.com PHONE: 817-953-3728

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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. 30-025-46536		
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.		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____								5. Lease Name or Unit Agreement Name GRAMA RIDGE EAST 34 2BS STATE COM		
8. Name of Operator EARTHSTONE OPERATING, LLC						9. OGRID 331165				
10. Address of Operator 1400 WOODLOCH FOREST, STE. 300 THE WOODLANDS, TX 77380						11. Pool name or Wildcat GRAMA RIDGE; BONE SPRING, NE (28435)				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	34	21S	34E		155	N	910	W	LEA
BH:	N	34	21S	34E		88	S	2052	W	LEA
13. Date Spudded 11/27/2021	14. Date T.D. Reached 12/13/2021		15. Date Rig Released 12/16/2021		16. Date Completed (Ready to Produce) 01/25/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3712' GR		
18. Total Measured Depth of Well 15,400'MD/10418'TVD			19. Plug Back Measured Depth 15380'MD/10418'TVD		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run GAMMA, MWD, CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name GRAMA RIDGE; BONE SPRING, NE - 10,879'-15,362'										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.375		54.5# J-55		1810		17.5		1630sxs		
9.625		40# J-55		5658		12.25		1490sxs		
5.5		20# P-110		15384		8.75		1475sxs		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 0.42" SPF 4/40 HOLES/STATE X 27 STAGES + 1080 TOTAL HOLES 10,879-15,362						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,879-15,362		687 BBLs HCl + 218770 BBLs SW/6342412# 100 MESH		
								+ 3703358# 40/70 SAND		
28. PRODUCTION										
Date First Production 01/27/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PROD				
Date of Test 02/18/2022	Hours Tested 24	Choke Size 64/64	Prod'n For Test Period	Oil - Bbl 569	Gas - MCF 643	Water - Bbl. 947	Gas - Oil Ratio 1130			
Flow Tubing Press. 0	Casing Pressure 240	Calculated 24-Hour Rate	Oil - Bbl. 569	Gas - MCF 643	Water - Bbl. 947	Oil Gravity - API - (Corr.) 42.5				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD								30. Test Witnessed By MURPHY WELL CONTROL		
31. List Attachments										
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 <i>Deborah Marberry</i>			Name Deborah Marberry			Title Sr. Regulatory Tech			Date 10/27/2022	
E-mail Address dmarberry@earthstoneenergy.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy RUSTLER-1873' TVD	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt SALADO-2249' TVD	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 4080' TVD	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T.Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T.Tubb	T. Delaware Sand 5678"TVD	T. Morrison	
T. Drinkard	T. Bone Springs 8472"TVD	T.Todilto	
T. Abo	T. CAPITAN REEF-4470"TVD	T. Entrada	
T. Wolfcamp	T. 1st BONE SPRING-8633"TVD	T. Wingate	
T. Penn	T. 2nd BONE SPRING-10191"TVD	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

TVD ft-RKB	Geological Tops	Wellbore Sketch		Hole Size	Casing	Drilling Fluids	Cement	OH Evaluation/Logs			
2,000	1,795 Rustler 2,265 Salado			17-1/2"	Surface: 13-3/8" 54.5# J55 BTC	FW Spud Mud 8.4 - 9.4 ppg 32 - 34 Vis	Top of Lead: Surface 12.8 ppg 1.68 cuft/sk 1080 sks - 100% XS Top of Tail: 1,300' 14.8 ppg 1.33 cuft/sk 550 sks - 100% XS				
3,000						12-1/4"	Intermediate: 9-5/8" 40# J55 LTC	Brine 10.0 ppg 28 Vis	Stage 1 Top of Lead: 3,900' 11.5 ppg 2.70 cuft/sk 295 sks - 100% XS Top of Tail: 5,200' 14.8 ppg 1.33 cuft/sk 250 sks - 100% XS Stage 2 Top of Lead: Surface 11.5 ppg 2.78 cuft/sk 945 sks - 200% XS		
4,000	3,850 Yates 4,430 Capitan Reef										
5,000				8-3/4" 8-1/2" Lateral	Production: 5-1/2" 20# P110 BTC	Curve & Lateral OBM 8.9 - 9.1 ppg 50 - 70 Vis 75/25 OWR	Top of Lead: 4,500' 11.3 ppg 2.8 cuft/sk 500 sks - 10% XS Top of Tail: 9,600' 13.2 ppg 1.5 cuft/sk 975 sks - 10% XS				
6,000	5,655 Delaware Mtn Grp										
7,000											
8,000	8,515 Bone Spring			8-3/4" 8-1/2" Lateral	Production: 5-1/2" 20# P110 BTC	Curve & Lateral OBM 8.9 - 9.1 ppg 50 - 70 Vis 75/25 OWR	Top of Lead: 4,500' 11.3 ppg 2.8 cuft/sk 500 sks - 10% XS Top of Tail: 9,600' 13.2 ppg 1.5 cuft/sk 975 sks - 10% XS				
9,000											
10,000	9,615 1st Bone Sprg SS										
	10,180 2nd Bone Sprg SS							PROD CSG SET @15,384' MD			
11,000	11,055 3rd Bone Sprg SS							15,400' TD 10,418' TVD			
							PBTD @ 15,380'MD/10,418' TVD				

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 170048

ACKNOWLEDGMENTS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 170048
	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
Phone: (505) 629-6116

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CONDITIONS

Action 170048

CONDITIONS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
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	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	Please submit Well Log (s) as documented on the C-105 and submit as [UF-WL] EP Well Log Submission.	1/14/2025