

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 DR STE. 300 ATTN: REGULATORY THE WOODLANDS, TX 77380		² OGRID Number 331165
		³ Reason for Filing Code/ Effective Date New Well - RT
⁴ API Number 30 - 025-48122	⁵ Pool Name WC-025 G-08 S263412K; Bone Spring	⁶ Pool Code 96672
⁷ Property Code 333364	⁸ Property Name Cattlemen Fed Com	⁹ Well Number 123H

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
G	17	26S	35E		2303'	N	1957'	E	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
O	20	26S	35E		23'	S	2279'	E	Lea
¹² Lse Code F	¹³ Producing Method Code	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
319135	Western Refining Pipeline, LLC 200 E. Hardin Street Findlay, OH 45840	O
371960	Lucid Energy Delaware, LLC 3100 Mckinnon Street, Suite 800 Dallas, TX 75201	G
248440	WESTERN REFINING COMPANY, L.P.	O

IV. Well Completion Data

²¹ Spud Date 5/31/2022	²² Ready Date 9/15/2022	²³ TD 18912'	²⁴ PBTD N/A	²⁵ Perforations 11,021'-18,825'	²⁶ DHC, MC NSL-8416-0
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	1202'	1000 Class C		
12.25	9.625	5339'	1165 Class C		
8.75	5.5	18,909	2820 Class H		
	2.875 TBG	10,238			

V. Well Test Data

³¹ Date New Oil 09/16/2022	³² Gas Delivery Date 09/16/2022	³³ Test Date 10/24/2022	³⁴ Test Length 24	³⁵ Tbg. Pressure 310	³⁶ Csg. Pressure 1070
³⁷ Choke Size 128	³⁸ Oil 1128	³⁹ Water 3139	⁴⁰ Gas 1921		⁴¹ Test Method

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:
Printed name: Deborah Marberry	Title:
Title: Sr. Reg. Tech	Approval Date:
E-mail Address: dmarberry@earthstoneenergy.com	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:
Date: 06/14/2023	Phone: 281-298-4246

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-48122	2 Pool Code 96672	3 Pool Name WC-025 G08 S263412K; BONE SPRING
4 Property Code 333364	5 Property Name CATTLEMEN FED COM	6 Well Number 123H
7 OGRID No. 331165	8 Operator Name EARTHSTONE OPERATING, LLC	9 Elevation 3224'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	17	26-S	35-E		2303'	NORTH	1957'	EAST	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
O	20	26-S	35-E		23'	SOUTH	2279'	EAST	LEA
12 Dedicated Acres 240	13 Joint or Infill Y	14 Consolidation Code	15 Order No. NSL-8416-0						

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.

16 SURFACE HOLE LOCATION (SHL) NEW MEXICO EAST - NAD 83 X= 834477.17 LAT.= 32.04422740° N Y= 381112.27 LONG.= 103.38724961° W NEW MEXICO EAST - NAD 27 X= 793289.17 LAT.= 32.04410095° N Y= 381054.87 LONG.= 103.38678863° W 2303' FNL, 1957' FEL - SECTION 17 FIRST TAKE POINT (FTP) NEW MEXICO EAST - NAD 83 X=834185.58 LAT.= 32.04324440° N Y=380752.08 LONG.= 103.38820075° W NEW MEXICO EAST - NAD 27 X=792997.57 LAT.= 32.04311796° N Y=380694.69 LONG.= 103.38773980° W 2621' FSL, 2252' FEL - SECTION 17 20' FNL, 389' FWL - LEASE MD = 11.021' LAST TAKE POINT (LTP) NEW MEXICO EAST - NAD 83 X=834235.95 LAT.= 32.02182364° N Y=372959.23 LONG.= 103.38825822° W NEW MEXICO EAST - NAD 27 X=793047.60 LAT.= 32.02169708° N Y=372902.05 LONG.= 103.38779847° W 110' FSL, 2278' FEL - SECTION 20 110' FSL, 360' FWL - LEASE MD = 18.825' BOTTOM HOLE LOCATION (BHL) NEW MEXICO EAST - NAD 83 X=834235.58 LAT.= 32.02158476° N Y=372872.32 LONG.= 103.38826187° W NEW MEXICO EAST - NAD 27 X=793047.23 LAT.= 32.02145821° N Y=372815.14 LONG.= 103.38780214° W 23' FSL, 2279' FEL - SECTION 20 23' FSL, 359' FWL - LEASE MD = 18.912'	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Deborah Marberry</i> 06/14/2023 Signature Date DEBORAH MARBERRY Printed Name DMARBERRY@EARTHSTONEENERGY.COM E-mail Address 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 09/07/2022 Date of Survey <i>Charles L. Jurica</i> Signature and Seal of Professional Surveyor 25490 Certificate Number
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Titus Oil & Gas Production, LLC

Lea County, NM (NAD27 NME)

Cattleman Fed Com 3

Cattleman Fed Com 123H

OH / 69915

Survey: Phoenix MWD Surveys

Standard Survey Report

27 June, 2022





Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well Cattleman Fed Com 123H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3250.50usft (H&P 616)
Site:	Cattleman Fed Com 3	MD Reference:	RKB @ 3250.50usft (H&P 616)
Well:	Cattleman Fed Com 123H	North Reference:	Grid
Wellbore:	OH / 69915	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 616)	Database:	USA Compass

Project	Lea County, NM (NAD27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Cattleman Fed Com 3		
Site Position:		Northing:	381,054.87 usft
From:	Map	Easting:	793,289.17 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 2' 38.763434 N
		Longitude:	103° 23' 12.439085 W
		Grid Convergence:	0.502 °

Well	Cattleman Fed Com 123H		
Well Position	+N/-S	0.00 usft	Northing:
	+E/-W	0.00 usft	Easting:
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 2' 38.763434 N
		Longitude:	103° 23' 12.439085 W
		Ground Level:	3,224.00 usft

Wellbore	OH / 69915		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	7/31/2022	6.257
			59.602
			47,353.23995892

Design	Surveys (H&P 616)		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			179.45

Survey Program	Date	6/27/2022		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
206.00	18,912.00	Phoenix MWD Surveys (OH / 69915)	MWD+HRGM	OWSG MWD + HRGM

Survey									
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
206.00	0.32	246.43	206.00	-0.23	-0.53	0.22	0.16	0.16	0.00
First Phoenix MWD Survey									
328.00	0.22	235.25	328.00	-0.50	-1.03	0.49	0.09	-0.08	-9.16
478.00	0.25	256.20	478.00	-0.74	-1.59	0.73	0.06	0.02	13.97
569.00	0.26	266.37	569.00	-0.80	-1.99	0.78	0.05	0.01	11.18
660.00	0.33	262.30	659.99	-0.85	-2.45	0.83	0.08	0.08	-4.47
750.00	0.37	287.31	749.99	-0.80	-2.99	0.77	0.17	0.04	27.79
840.00	0.31	280.90	839.99	-0.67	-3.50	0.63	0.08	-0.07	-7.12
930.00	0.43	281.79	929.99	-0.55	-4.07	0.51	0.13	0.13	0.99
1,021.00	0.32	275.71	1,020.99	-0.46	-4.66	0.41	0.13	-0.12	-6.68



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well Cattleman Fed Com 123H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3250.50usft (H&P 616)
Site:	Cattleman Fed Com 3	MD Reference:	RKB @ 3250.50usft (H&P 616)
Well:	Cattleman Fed Com 123H	North Reference:	Grid
Wellbore:	OH / 69915	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 616)	Database:	USA Compass

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)
1,111.00	0.34	261.99	1,110.99	-0.47	-5.17	0.42	0.09	0.02	-15.24
1,156.00	0.19	266.66	1,155.99	-0.49	-5.38	0.44	0.34	-0.33	10.38
1,300.00	0.35	234.61	1,299.98	-0.76	-5.98	0.70	0.15	0.11	-22.26
1,394.00	0.51	217.46	1,393.98	-1.26	-6.47	1.20	0.22	0.17	-18.24
1,488.00	0.22	225.73	1,487.98	-1.72	-6.85	1.65	0.31	-0.31	8.80
1,583.00	0.15	146.40	1,582.98	-1.95	-6.91	1.88	0.25	-0.07	-83.51
1,677.00	0.29	174.08	1,676.98	-2.29	-6.82	2.22	0.18	0.15	29.45
1,772.00	0.14	224.64	1,771.98	-2.61	-6.87	2.54	0.24	-0.16	53.22
1,866.00	0.12	157.70	1,865.98	-2.78	-6.92	2.71	0.15	-0.02	-71.21
1,960.00	0.20	236.96	1,959.98	-2.96	-7.02	2.89	0.23	0.09	84.32
2,054.00	0.09	233.06	2,053.98	-3.10	-7.21	3.03	0.12	-0.12	-4.15
2,149.00	0.34	130.69	2,148.98	-3.32	-7.06	3.26	0.39	0.26	-107.76
2,243.00	0.44	93.44	2,242.97	-3.53	-6.49	3.46	0.28	0.11	-39.63
2,338.00	0.44	95.00	2,337.97	-3.58	-5.76	3.53	0.01	0.00	1.64
2,432.00	0.72	303.52	2,431.97	-3.29	-5.89	3.23	1.20	0.30	-161.15
2,526.00	4.03	309.16	2,525.88	-0.87	-8.95	0.79	3.53	3.52	6.00
2,621.00	4.86	320.64	2,620.59	4.35	-14.09	-4.48	1.28	0.87	12.08
2,715.00	4.41	322.18	2,714.28	10.28	-18.83	-10.46	0.50	-0.48	1.64
2,809.00	3.91	326.48	2,808.04	15.81	-22.82	-16.02	0.63	-0.53	4.57
2,998.00	3.29	331.11	2,996.66	25.93	-29.00	-26.20	0.36	-0.33	2.45
3,093.00	3.01	333.48	3,091.52	30.55	-31.43	-30.85	0.32	-0.29	2.49
3,187.00	2.51	338.02	3,185.41	34.66	-33.30	-34.98	0.58	-0.53	4.83
3,282.00	3.34	330.73	3,280.28	39.01	-35.43	-39.34	0.96	0.87	-7.67
3,376.00	4.93	323.03	3,374.04	44.62	-39.20	-45.00	1.79	1.69	-8.19
3,470.00	4.67	330.62	3,467.71	51.18	-43.50	-51.60	0.73	-0.28	8.07
3,564.00	4.47	336.12	3,561.41	57.87	-46.87	-58.31	0.51	-0.21	5.85
3,659.00	3.61	322.10	3,656.18	63.61	-50.20	-64.09	1.37	-0.91	-14.76
3,753.00	3.23	302.59	3,750.01	67.37	-54.25	-67.89	1.30	-0.40	-20.76
3,847.00	2.76	305.54	3,843.88	70.12	-58.32	-70.67	0.53	-0.50	3.14
3,942.00	2.35	299.34	3,938.79	72.40	-61.88	-72.99	0.52	-0.43	-6.53
4,036.00	2.03	295.49	4,032.72	74.06	-65.07	-74.68	0.37	-0.34	-4.10
4,130.00	2.23	290.78	4,126.65	75.43	-68.28	-76.08	0.28	0.21	-5.01
4,224.00	1.89	283.49	4,220.59	76.44	-71.49	-77.12	0.46	-0.36	-7.76
4,319.00	1.78	283.56	4,315.55	77.15	-74.45	-77.86	0.12	-0.12	0.07
4,413.00	2.06	286.81	4,409.49	77.98	-77.49	-78.72	0.32	0.30	3.46
4,508.00	1.83	290.60	4,504.44	79.01	-80.54	-79.78	0.28	-0.24	3.99
4,602.00	1.57	295.22	4,598.40	80.08	-83.11	-80.88	0.31	-0.28	4.91
4,696.00	0.53	317.39	4,692.38	80.95	-84.57	-81.76	1.17	-1.11	23.59
4,791.00	0.54	341.92	4,787.38	81.70	-85.01	-82.51	0.24	0.01	25.82
4,885.00	0.39	12.01	4,881.37	82.44	-85.08	-83.25	0.30	-0.16	32.01
4,979.00	1.06	96.31	4,975.37	82.65	-84.15	-83.46	1.16	0.71	89.68
5,073.00	1.65	109.73	5,069.34	82.10	-82.01	-82.88	0.71	0.63	14.28
5,168.00	0.42	300.67	5,164.33	81.82	-81.02	-82.59	2.17	-1.29	-177.96



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well Cattleman Fed Com 123H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3250.50usft (H&P 616)
Site:	Cattleman Fed Com 3	MD Reference:	RKB @ 3250.50usft (H&P 616)
Well:	Cattleman Fed Com 123H	North Reference:	Grid
Wellbore:	OH / 69915	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 616)	Database:	USA Compass

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)
5,262.00	0.42	294.14	5,258.33	82.13	-81.63	-82.91	0.05	0.00	-6.95
5,270.00	0.39	310.53	5,266.33	82.16	-81.68	-82.94	1.49	-0.38	204.88
5,370.00	0.11	18.19	5,366.33	82.47	-81.91	-83.26	0.36	-0.28	67.66
5,464.00	1.17	295.95	5,460.32	82.98	-82.74	-83.77	1.23	1.13	-87.49
5,559.00	3.29	284.26	5,555.24	84.08	-86.26	-84.90	2.27	2.23	-12.31
5,653.00	3.08	285.89	5,649.10	85.43	-91.30	-86.30	0.24	-0.22	1.73
5,747.00	2.90	280.66	5,742.97	86.56	-96.07	-87.48	0.35	-0.19	-5.56
5,842.00	4.07	295.77	5,837.79	88.47	-101.47	-89.44	1.56	1.23	15.91
5,936.00	5.19	297.43	5,931.49	91.88	-108.24	-92.92	1.20	1.19	1.77
6,031.00	5.06	296.96	6,026.11	95.76	-115.79	-96.87	0.14	-0.14	-0.49
6,125.00	4.92	297.97	6,119.75	99.53	-123.05	-100.71	0.18	-0.15	1.07
6,220.00	4.67	298.68	6,214.42	103.30	-130.04	-104.54	0.27	-0.26	0.75
6,314.00	4.39	300.79	6,308.12	106.98	-136.49	-108.28	0.35	-0.30	2.24
6,408.00	4.10	297.50	6,401.87	110.37	-142.56	-111.73	0.40	-0.31	-3.50
6,502.00	3.99	296.64	6,495.63	113.39	-148.46	-114.81	0.13	-0.12	-0.91
6,597.00	3.99	296.91	6,590.40	116.37	-154.36	-117.84	0.02	0.00	0.28
6,691.00	4.04	295.90	6,684.17	119.29	-160.26	-120.82	0.09	0.05	-1.07
6,785.00	2.76	291.46	6,778.00	121.57	-165.34	-123.15	1.39	-1.36	-4.72
6,879.00	1.10	269.16	6,871.95	122.38	-168.35	-123.99	1.91	-1.77	-23.72
6,974.00	1.27	270.58	6,966.93	122.38	-170.32	-124.01	0.18	0.18	1.49
7,068.00	1.20	271.67	7,060.91	122.42	-172.34	-124.07	0.08	-0.07	1.16
7,162.00	0.95	268.19	7,154.89	122.42	-174.10	-124.09	0.27	-0.27	-3.70
7,256.00	1.09	274.81	7,248.87	122.47	-175.77	-124.15	0.19	0.15	7.04
7,350.00	1.42	281.60	7,342.85	122.78	-177.81	-124.48	0.38	0.35	7.22
7,445.00	1.00	341.25	7,437.83	123.80	-179.22	-125.52	1.32	-0.44	62.79
7,539.00	1.02	24.05	7,531.82	125.34	-179.15	-127.06	0.78	0.02	45.53
7,634.00	0.67	17.48	7,626.81	126.65	-178.64	-128.35	0.38	-0.37	-6.92
7,728.00	0.55	32.77	7,720.80	127.55	-178.23	-129.25	0.21	-0.13	16.27
7,823.00	0.19	357.77	7,815.80	128.09	-177.99	-129.79	0.43	-0.38	-36.84
7,917.00	0.05	120.31	7,909.80	128.22	-177.96	-129.93	0.24	-0.15	130.36
8,011.00	0.49	194.15	8,003.80	127.81	-178.02	-129.52	0.51	0.47	78.55
8,105.00	0.68	170.87	8,097.80	126.87	-178.03	-128.58	0.32	0.20	-24.77
8,200.00	0.97	175.07	8,192.79	125.52	-177.87	-127.22	0.31	0.31	4.42
8,294.00	1.00	195.90	8,286.77	123.93	-178.03	-125.64	0.38	0.03	22.16
8,388.00	2.46	74.82	8,380.74	123.67	-176.30	-125.36	3.29	1.55	-128.81
8,483.00	1.94	80.97	8,475.67	124.46	-172.75	-126.11	0.60	-0.55	6.47
8,576.00	1.81	82.37	8,568.62	124.90	-169.74	-126.53	0.15	-0.14	1.51
8,671.00	1.40	86.37	8,663.59	125.17	-167.09	-126.77	0.45	-0.43	4.21
8,765.00	1.23	99.16	8,757.56	125.09	-164.95	-126.66	0.36	-0.18	13.61
8,859.00	1.15	96.53	8,851.54	124.82	-163.02	-126.38	0.10	-0.09	-2.80
8,954.00	1.07	100.31	8,946.52	124.55	-161.20	-126.09	0.11	-0.08	3.98
9,048.00	0.82	105.67	9,040.51	124.21	-159.69	-125.74	0.28	-0.27	5.70
9,142.00	0.78	110.59	9,134.50	123.81	-158.44	-125.32	0.08	-0.04	5.23



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well Cattleman Fed Com 123H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3250.50usft (H&P 616)
Site:	Cattleman Fed Com 3	MD Reference:	RKB @ 3250.50usft (H&P 616)
Well:	Cattleman Fed Com 123H	North Reference:	Grid
Wellbore:	OH / 69915	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 616)	Database:	USA Compass

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)
9,237.00	0.72	107.04	9,229.49	123.40	-157.26	-124.91	0.08	-0.06	-3.74
9,331.00	0.78	118.08	9,323.49	122.93	-156.14	-124.42	0.17	0.06	11.74
9,425.00	0.67	96.55	9,417.48	122.57	-155.02	-124.05	0.31	-0.12	-22.90
9,520.00	0.54	88.32	9,512.47	122.52	-154.03	-123.99	0.16	-0.14	-8.66
9,614.00	0.63	117.38	9,606.47	122.29	-153.12	-123.76	0.33	0.10	30.91
9,708.00	0.72	140.19	9,700.46	121.60	-152.29	-123.06	0.30	0.10	24.27
9,802.00	0.63	133.95	9,794.46	120.79	-151.54	-122.24	0.12	-0.10	-6.64
9,897.00	0.94	140.23	9,889.45	119.83	-150.66	-121.27	0.34	0.33	6.61
9,991.00	0.82	141.42	9,983.44	118.71	-149.75	-120.14	0.13	-0.13	1.27
10,085.00	1.19	137.04	10,077.42	117.47	-148.66	-118.89	0.40	0.39	-4.66
10,180.00	1.56	143.06	10,172.39	115.71	-147.22	-117.12	0.42	0.39	6.34
10,290.00	6.14	202.72	10,282.14	109.08	-148.59	-110.51	5.02	4.16	54.24
10,337.00	12.76	210.01	10,328.48	102.26	-152.16	-103.72	14.29	14.09	15.51
10,384.00	18.52	210.93	10,373.72	91.36	-158.60	-92.87	12.27	12.26	1.96
10,478.00	28.39	204.24	10,459.86	58.09	-175.49	-59.77	10.86	10.50	-7.12
10,573.00	38.38	201.46	10,539.09	9.92	-195.60	-11.80	10.64	10.52	-2.93
10,667.00	50.14	195.92	10,606.32	-52.17	-216.26	50.10	13.16	12.51	-5.89
10,715.00	56.19	190.11	10,635.10	-89.58	-224.82	87.41	15.89	12.60	-12.10
10,762.00	60.55	187.01	10,659.75	-129.14	-230.75	126.91	10.84	9.28	-6.60
10,856.00	63.17	192.41	10,704.10	-210.78	-244.77	208.42	5.78	2.79	5.74
10,904.00	68.02	198.73	10,723.94	-252.83	-256.54	250.36	15.67	10.10	13.17
10,951.00	74.54	198.34	10,739.02	-295.01	-270.68	292.40	13.89	13.87	-0.83
10,998.00	78.93	197.82	10,749.80	-338.49	-284.87	335.74	9.40	9.34	-1.11
11,000.00	79.11	197.77	10,750.18	-340.36	-285.47	337.61	9.37	9.02	-2.62
FTP: 11000'MD/10750.18'TVD									
11,046.00	83.26	196.58	10,757.23	-383.78	-298.88	380.89	9.37	9.02	-2.58
11,076.00	88.07	193.72	10,759.50	-412.65	-306.70	409.68	18.64	16.03	-9.53
11,171.00	91.63	191.56	10,759.75	-505.32	-327.48	502.16	4.38	3.75	-2.27
11,265.00	90.19	184.95	10,758.25	-598.28	-340.97	594.98	7.20	-1.53	-7.03
11,360.00	91.04	182.19	10,757.23	-693.08	-346.88	689.72	3.04	0.89	-2.91
11,454.00	89.48	179.64	10,756.81	-787.06	-348.38	783.68	3.18	-1.66	-2.71
11,548.00	88.28	177.93	10,758.64	-881.01	-346.39	877.65	2.22	-1.28	-1.82
11,642.00	89.24	177.83	10,760.68	-974.93	-342.91	971.59	1.03	1.02	-0.11
11,736.00	89.87	177.60	10,761.41	-1,068.85	-339.16	1,065.54	0.71	0.67	-0.24
11,830.00	90.79	177.33	10,760.87	-1,162.75	-335.01	1,159.49	1.02	0.98	-0.29
11,924.00	91.81	177.18	10,758.73	-1,256.62	-330.51	1,253.39	1.10	1.09	-0.16
12,019.00	90.75	177.04	10,756.61	-1,351.48	-325.72	1,348.29	1.13	-1.12	-0.15
12,114.00	90.30	176.50	10,755.74	-1,446.32	-320.37	1,443.18	0.74	-0.47	-0.57
12,208.00	90.87	176.13	10,754.78	-1,540.12	-314.32	1,537.03	0.72	0.61	-0.39
12,303.00	88.88	177.18	10,754.99	-1,634.95	-308.78	1,631.91	2.37	-2.09	1.11
12,397.00	87.46	178.98	10,757.99	-1,728.84	-305.63	1,725.83	2.44	-1.51	1.91
12,492.00	88.51	178.22	10,761.33	-1,823.76	-303.31	1,820.76	1.36	1.11	-0.80
12,586.00	88.05	179.85	10,764.15	-1,917.70	-301.73	1,914.71	1.80	-0.49	1.73
12,681.00	88.56	180.78	10,766.96	-2,012.65	-302.25	2,009.66	1.12	0.54	0.98



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well Cattleman Fed Com 123H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3250.50usft (H&P 616)
Site:	Cattleman Fed Com 3	MD Reference:	RKB @ 3250.50usft (H&P 616)
Well:	Cattleman Fed Com 123H	North Reference:	Grid
Wellbore:	OH / 69915	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 616)	Database:	USA Compass

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)
12,775.00	89.45	181.05	10,768.59	-2,106.63	-303.75	2,103.61	0.99	0.95	0.29
12,869.00	89.88	180.79	10,769.14	-2,200.61	-305.26	2,197.58	0.53	0.46	-0.28
12,964.00	90.49	180.72	10,768.84	-2,295.60	-306.52	2,292.55	0.65	0.64	-0.07
13,058.00	92.50	180.78	10,766.38	-2,389.56	-307.75	2,386.49	2.14	2.14	0.06
13,152.00	91.55	180.89	10,763.06	-2,483.49	-309.11	2,480.41	1.02	-1.01	0.12
13,247.00	89.08	180.27	10,762.54	-2,578.47	-310.08	2,575.38	2.68	-2.60	-0.65
13,341.00	89.55	180.02	10,763.66	-2,672.47	-310.31	2,669.36	0.57	0.50	-0.27
13,435.00	90.16	179.81	10,763.90	-2,766.46	-310.17	2,763.36	0.69	0.65	-0.22
13,529.00	90.78	179.72	10,763.13	-2,860.46	-309.79	2,857.35	0.67	0.66	-0.10
13,624.00	91.84	179.67	10,760.96	-2,955.43	-309.28	2,952.33	1.12	1.12	-0.05
13,718.00	90.18	178.57	10,759.30	-3,049.40	-307.84	3,046.31	2.12	-1.77	-1.17
13,813.00	88.10	177.61	10,760.73	-3,144.33	-304.67	3,141.26	2.41	-2.19	-1.01
13,907.00	89.07	177.27	10,763.05	-3,238.21	-300.48	3,235.18	1.09	1.03	-0.36
14,001.00	90.13	176.85	10,763.71	-3,332.08	-295.66	3,329.09	1.21	1.13	-0.45
14,096.00	91.83	176.71	10,762.08	-3,426.91	-290.32	3,423.97	1.80	1.79	-0.15
14,190.00	90.39	176.79	10,760.26	-3,520.74	-284.99	3,517.84	1.53	-1.53	0.09
14,285.00	90.35	178.22	10,759.65	-3,615.65	-280.86	3,612.79	1.51	-0.04	1.51
14,379.00	90.15	180.09	10,759.24	-3,709.63	-279.47	3,706.78	2.00	-0.21	1.99
14,473.00	90.10	181.34	10,759.03	-3,803.62	-280.64	3,800.75	1.33	-0.05	1.33
14,568.00	91.55	181.05	10,757.66	-3,898.59	-282.63	3,895.70	1.56	1.53	-0.31
14,662.00	92.37	180.85	10,754.45	-3,992.52	-284.18	3,989.61	0.90	0.87	-0.21
14,757.00	90.67	181.04	10,751.93	-4,087.47	-285.75	4,084.54	1.80	-1.79	0.20
14,851.00	88.81	181.40	10,752.36	-4,181.45	-287.75	4,178.49	2.02	-1.98	0.38
14,945.00	89.76	181.10	10,753.53	-4,275.41	-289.80	4,272.44	1.06	1.01	-0.32
15,039.00	91.15	180.93	10,752.78	-4,369.39	-291.47	4,366.40	1.49	1.48	-0.18
15,230.00	88.62	180.66	10,753.17	-4,560.36	-294.12	4,557.33	1.33	-1.32	-0.14
15,324.00	89.27	178.83	10,754.90	-4,654.34	-293.70	4,651.30	2.07	0.69	-1.95
15,419.00	90.95	177.96	10,754.71	-4,749.30	-291.04	4,746.28	1.99	1.77	-0.92
15,513.00	90.93	178.71	10,753.17	-4,843.24	-288.31	4,840.25	0.80	-0.02	0.80
15,607.00	89.27	178.63	10,753.01	-4,937.22	-286.12	4,934.24	1.77	-1.77	-0.09
15,702.00	91.81	178.71	10,752.11	-5,032.18	-283.92	5,029.22	2.68	2.67	0.08
15,796.00	90.42	177.89	10,750.28	-5,126.12	-281.13	5,123.18	1.72	-1.48	-0.87
15,890.00	89.53	177.41	10,750.32	-5,220.03	-277.28	5,217.13	1.08	-0.95	-0.51
15,985.00	91.56	177.24	10,749.42	-5,314.92	-272.84	5,312.06	2.14	2.14	-0.18
16,080.00	91.93	179.05	10,746.53	-5,409.82	-269.77	5,406.99	1.94	0.39	1.91
16,175.00	92.10	180.70	10,743.19	-5,504.76	-269.56	5,501.92	1.74	0.18	1.74
16,270.00	90.35	180.69	10,741.16	-5,599.73	-270.71	5,596.87	1.84	-1.84	-0.01
16,364.00	89.10	180.14	10,741.61	-5,693.72	-271.40	5,690.86	1.45	-1.33	-0.59
16,458.00	90.48	180.10	10,741.95	-5,787.72	-271.59	5,784.85	1.47	1.47	-0.04
16,553.00	92.47	179.76	10,739.51	-5,882.68	-271.48	5,879.81	2.13	2.09	-0.36
16,647.00	91.05	179.68	10,736.62	-5,976.64	-271.02	5,973.76	1.51	-1.51	-0.09
16,741.00	86.15	179.11	10,738.92	-6,070.57	-270.03	6,067.70	5.25	-5.21	-0.61
16,836.00	87.20	178.89	10,744.43	-6,165.40	-268.37	6,162.54	1.13	1.11	-0.23



Survey Report



Company:	Titus Oil & Gas Production, LLC	Local Co-ordinate Reference:	Well Cattleman Fed Com 123H
Project:	Lea County, NM (NAD27 NME)	TVD Reference:	RKB @ 3250.50usft (H&P 616)
Site:	Cattleman Fed Com 3	MD Reference:	RKB @ 3250.50usft (H&P 616)
Well:	Cattleman Fed Com 123H	North Reference:	Grid
Wellbore:	OH / 69915	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 616)	Database:	USA Compass

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)	
16,930.00	87.97	178.78	10,748.39	-6,259.29	-266.46	6,256.45	0.83	0.82	-0.12	
17,024.00	88.78	178.72	10,751.05	-6,353.23	-264.41	6,350.40	0.86	0.86	-0.06	
17,119.00	89.62	178.33	10,752.38	-6,448.19	-261.97	6,445.38	0.97	0.88	-0.41	
17,213.00	90.81	178.31	10,752.03	-6,542.15	-259.21	6,539.36	1.27	1.27	-0.02	
17,308.00	91.89	178.28	10,749.79	-6,637.08	-256.38	6,634.31	1.14	1.14	-0.03	
17,402.00	92.86	178.16	10,745.89	-6,730.95	-253.47	6,728.21	1.04	1.03	-0.13	
17,497.00	93.15	179.96	10,740.91	-6,825.80	-251.91	6,823.07	1.92	0.31	1.89	
17,591.00	91.44	181.61	10,737.15	-6,919.71	-253.20	6,916.96	2.53	-1.82	1.76	
17,685.00	92.41	181.22	10,733.99	-7,013.63	-255.52	7,010.85	1.11	1.03	-0.41	
17,779.00	90.69	179.20	10,731.45	-7,107.59	-255.86	7,104.80	2.82	-1.83	-2.15	
17,874.00	89.61	177.83	10,731.20	-7,202.55	-253.40	7,199.79	1.84	-1.14	-1.44	
17,968.00	87.70	179.04	10,733.40	-7,296.48	-250.83	7,293.74	2.41	-2.03	1.29	
18,062.00	87.51	179.64	10,737.33	-7,390.40	-249.75	7,387.66	0.67	-0.20	0.64	
18,157.00	88.73	179.35	10,740.45	-7,485.34	-248.91	7,482.60	1.32	1.28	-0.31	
18,251.00	89.48	179.20	10,741.92	-7,579.32	-247.73	7,576.59	0.81	0.80	-0.16	
18,345.00	89.82	178.90	10,742.49	-7,673.30	-246.17	7,670.59	0.48	0.36	-0.32	
18,439.00	90.79	178.76	10,741.99	-7,767.28	-244.25	7,764.58	1.04	1.03	-0.15	
18,534.00	92.47	178.58	10,739.29	-7,862.21	-242.04	7,859.53	1.78	1.77	-0.19	
18,628.00	92.16	179.84	10,735.49	-7,956.13	-240.75	7,953.45	1.38	-0.33	1.34	
18,723.00	92.60	180.24	10,731.55	-8,051.04	-240.82	8,048.36	0.63	0.46	0.42	
Final Phoenix MWD Survey										
18,835.25	92.60	180.24	10,726.46	-8,163.18	-241.28	8,160.49	0.00	0.00	0.00	
LTP: 18835.25'MD/10726.45'TVD										
18,912.00	92.60	180.24	10,722.97	-8,239.85	-241.61	8,237.15	0.00	0.00	0.00	
Projection to TD										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
18,912.00	10,722.97	20" Casing	20	24	

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
206.00	206.00	-0.23	-0.53	First Phoenix MWD Survey	
11,000.00	10,750.18	-340.36	-285.47	FTP: 11000'MD/10750.18'TVD	
18,723.00	10,731.55	-8,051.04	-240.82	Final Phoenix MWD Survey	
18,835.25	10,726.46	-8,163.18	-241.28	LTP: 18835.25'MD/10726.45'TVD	
18,912.00	10,722.97	-8,239.85	-241.61	Projection to TD	

Checked By: _____	Approved By: _____	Date: _____
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Submit 1 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.
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☐ FED ☒
2. Name of Operator EARTHSTONE OPERATING, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 1400 WOODLOCH FOREST DR, STE 300; ATTN: REGULATORY THE WOODLANDS, TX 77380		7. Lease Name or Unit Agreement Name CATTLEMEN FEDERAL COM
4. Well Location Unit Letter <u>G</u> : <u>2303</u> feet from the <u>NORTH</u> line and <u>1957</u> feet from the <u>EAST</u> line Section <u>17</u> Township <u>26S</u> Range <u>35E</u> NMPM County <u>LEA</u>		8. Well Number <u>123H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3224		9. OGRID Number 331165
10. Pool name or Wildcat WC-025 G-08 S263412K; BONE SPRING		

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: FRAC DETAIL ☒

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.

Casing Pressure Test Date Prior to Frac 07/13/22

Pressure of Casing Test 9800psi for 15 minutes

Frac Start Date 08/04/22 Frac Finish Date 08/15/22

Top Perf 11021 Btm Perf 18825

Total Fluid (bbls) 372,106 SW & 46,600 HCI Total Proppant 14,3991,121 100# MESH & 7,100,492# 4070 SAND

Date TBG Ran 09/10/22 TBG Depth 10238 TBG Size 2.875

TMD 18912 TVD 10723

Spud Date:

05/31/2022

Rig Release Date:

06/12/2022 Drill

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

SIGNATURE Deborah Marberry TITLE SR. REG. TECH DATE _____

Type or print name Deborah Marberry E-mail address: dmarberry@earthstoneenergy.com PHONE: 281-298-4246

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. 30-025-48122		
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 CATTLEMEN FEDERAL COM								6. Well Number: 123H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Earthstone Operating, LLC						9. OGRID 331165				
10. Address of Operator 1400 WOODLOCH FOREST DR. STE 300 ATTN: REGULATORY THE WOODLANDS, TX 77380						11. Pool name or Wildcat WC-025 G-08 S263412K; BONE SPRING				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	G	17	26S	35E		2303	N	1957	E	LEA
BH:	O	20	26S	35E		23	S	2279	E	LEA
13. Date Spudded 05/31/2022	14. Date T.D. Reached 06/10/2022		15. Date Rig Released 06/12/2022		16. Date Completed (Ready to Produce) 09/15/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3224		
18. Total Measured Depth of Well 18912			19. Plug Back Measured Depth NA		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run RBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 11021 - 18825 WC-025 G-08 S263412K; BONE SPRING							NSL-8416-0			
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		1202		17.5		1000sks Class C		
9.625		40		5339		12.25		1165sks Class C		
5.5		20		18909		8.75		2820sks HSLD		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2.875	10238	10216		
26. Perforation record (interval, size, and number) 11021 - 18825; 4spf; 0.41 size; 27460 shots						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11021 - 18825		FRAC 32 STAGES W/372,106 SW & 46,600 HCI +		
								14,3991,121 100# MESH & 7,100,492# 40/70 SAND		
28. PRODUCTION										
Date First Production 09/16/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) GAS LIFT				Well Status (Prod. or Shut-in) PROD				
Date of Test 10/24/2022	Hours Tested 24	Choke Size 128	Prod'n For Test Period	Oil - Bbl 1128	Gas - MCF 1921	Water - Bbl. 3139	Gas - Oil Ratio 1929			
Flow Tubing Press. 310	Casing Pressure 1070	Calculated 24-Hour Rate	Oil - Bbl. 1128	Gas - MCF 1921	Water - Bbl. 3139	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD							30. Test Witnessed By			
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>			Printed Name DEBORAH MARBERRY			Title SR. REG. TECH			Date 06/13/2023	
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	T. Canyon Bell 5452	T. Ojo Alamo	T. Penn A "
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 5088	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	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	T. Morrison	
T. Drinkard	T. Bone Springs Lime 9369	T. Todilto	
T. Abo	T. Rustler 1099	T. Entrada	
T. Wolfcamp	T. Salado 1606	T. Wingate	
T. Penn	T. Cherry Canyon 6400	T. Chinle	
T. Cisco (Bough C)	T. Brushy Canyon 7976	T. Permian	

OIL OR GAS SANDS OR ZONES

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

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

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

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

Include data on rate of water inflow and elevation to which water rose in hole.

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

Cattlemen Fed Com 123H		Borehole, Strings, and Equipment			Specs for Strings and Tubing			Strings Cemented and Intervals			Cement and Plug Description		
String/Hole Type	Date TD or	Diameter	Top	Bottom	Grade	Length	Weight	BOC (MD)	TOC	Method	Cmt Class	Sacks	Pressure
Hole 1	5/31/2022	17 1/2	0	1213	-	-	-	-	-	-	-	-	-
Surface	5/31/2022	13 3/8	0	1202	J55	1202	54.5	1202	0	Circ	C	1000	Y
Hole 2	6/1/2022	12 1/4	1213	5339	-	-	-	-	-	-	-	-	-
Intermediate	6/1/2022	9 5/8	0	5324	J55	4119	40	5324	0	Circ	C	1165	Y
Hole 3	6/12/2022	8 3/4	5339	18912	-	-	-	-	-	-	-	-	-
Production 1	6/12/2022	5 1/2	0	18909	P110	13588	20	18909	0	Circ	HSLD	2820	Y

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 227597

ACKNOWLEDGMENTS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 227597
	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.

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1220 S. St Francis Dr.
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CONDITIONS

Action 227597

CONDITIONS

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	Action Number: 227597
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
kelly.roberts	None	12/27/2023