

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
NW-01/06/23

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EARTHSTONE OPERATING, LLC 1400 WOODLOCH FOREST DR., SUITE 300 THE WOODLANDS, TX 77380		² OGRID Number 331165
		³ Reason for Filing Code/ Effective Date NW-01/06/2023
⁴ API Number 30 - 025-49710	⁵ Pool Name OJO CHISO; BONE SPRING	⁶ Pool Code 96553
⁷ Property Code 332643	⁸ Property Name SQUEEZE 2 STATE COM	⁹ Well Number 4H

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
M	2	22S	34E		380	SOUTH	1205	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
C	2	22S	34E		103	NORTH	1536	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	DKL FIELD SERVICES, LLC	G
20667	SHELL PIPELINE CORPORATION	O

IV. Well Completion Data

²¹ Spud Date 08/14/2022	²² Ready Date 01/06/2023	²³ TD 15,000 MD	²⁴ PBTD NA	²⁵ Perforations 10,210'-14,960'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2		13-3/8", 54.5#, J-55	1743' MD		1165
12-1/4		9-5/8", 40#, J-55 & HCL-80	5608' MD		1400
7-7/8		5-1/2", 20#, VARN HCP-110	14985' MD		1415

V. Well Test Data

³¹ Date New Oil 01/06/2023	³² Gas Delivery Date 01/06/2023	³³ Test Date 01/21/2023	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 575
³⁷ Choke Size 52	³⁸ Oil 1723	³⁹ Water 2020	⁴⁰ Gas 2133		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		
Printed name: DEBORAH MARBERRY			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: SR. REGULATORY ANALYST			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: DMARBERRY@EARTHSTONEENERGY.COM			Approval Date: <i>1/29/2025</i>		
Date: 05/19/2023		Phone: 281-298-4246 EXT. 3091			

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
AS-DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-49710	² Pool Code 96553	³ Pool Name OJO CHISO; BONE SPRING
⁴ Property Code 332643	⁵ Property Name SQUEEZE 2 STATE COM	⁶ Well Number 4H
⁷ OGRID No. 331165	⁸ Operator Name EARTHSTONE OPERATING, LLC	⁹ Elevation 3571.8

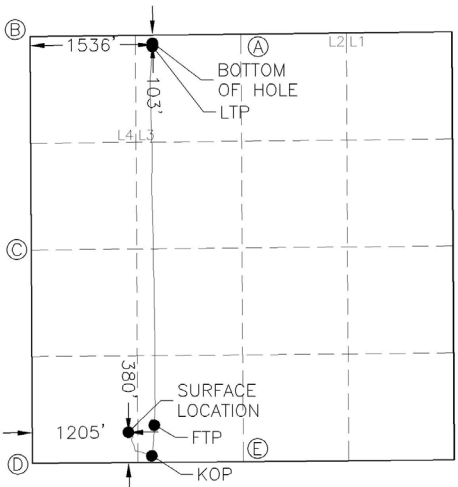
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	2	22 S	34 E		380	SOUTH	1205	WEST	LEA

¹¹ 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
C	2	22 S	34 E		103	NORTH	1536	WEST	LEA
¹² Dedicated Acres 324.37	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

SQUEEZE 2 STATE COM 2BS 4H EL. = 3571.8 <table border="0"> <tr> <td> GEODETIC COORDINATES NAD 27 NMSP EAST SURFACE LOCATION N. = 515610.90 E. = 774188.65 LAT. = 32.4143952°N LONG. = 103.4448347°W KICK OFF POINT 83' FSL, 1495' FWL NAD 27 NMSP EAST N. = 515316.60 E. = 774481.03 LAT. = 32.4135796°N LONG. = 103.4438953°W FIRST TAKE POINT 467' FSL, 1527' FWL NAD 27 NMSP EAST N. = 515700.30 E. = 774510.90 LAT. = 32.4146336°N LONG. = 103.4437881°W LAST TAKE POINT 142' FNL, 1534' FWL NAD 27 NMSP EAST N. = 520442.06 E. = 774487.93 LAT. = 32.4276672°N LONG. = 103.4437346°W BOTTOM OF HOLE NAD 27 NMSP EAST N. = 520480.97 E. = 774490.25 LAT. = 32.4277741°N LONG. = 103.4437261°W CORNER COORDINATES TABLE NAD 27 NMSP EAST A - N. = 520596.79 E. = 775593.03 B - N. = 520565.53 E. = 772953.50 C - N. = 517893.68 E. = 772969.93 D - N. = 515221.85 E. = 772986.38 E - N. = 515242.05 E. = 775624.41 </td> <td> GEODETIC COORDINATES NAD 83 NMSP EAST SURFACE LOCATION N. = 515671.81 E. = 815371.71 LAT. = 32.4145194°N LONG. = 103.4453148°W KICK OFF POINT 83' FSL, 1495' FWL NAD 83 NMSP EAST N. = 515377.50 E. = 815664.10 LAT. = 32.4137039°N LONG. = 103.4443753°W FIRST TAKE POINT 467' FSL, 1527' FWL NAD 83 NMSP EAST N. = 515761.21 E. = 815693.97 LAT. = 32.4147578°N LONG. = 103.4442682°W LAST TAKE POINT 142' FNL, 1534' FWL NAD 83 NMSP EAST N. = 520503.10 E. = 815670.90 LAT. = 32.4277914°N LONG. = 103.4442151°W BOTTOM OF HOLE NAD 83 NMSP EAST N. = 520542.02 E. = 815673.22 LAT. = 32.4278983°N LONG. = 103.4442065°W CORNER COORDINATES TABLE NAD 83 NMSP EAST A - N. = 520657.85 E. = 816776.03 B - N. = 520626.57 E. = 814136.42 C - N. = 517954.85 E. = 814152.91 D - N. = 515282.74 E. = 814169.41 E - N. = 515302.95 E. = 816807.52 </td> </tr> </table>	GEODETIC COORDINATES NAD 27 NMSP EAST SURFACE LOCATION N. = 515610.90 E. = 774188.65 LAT. = 32.4143952°N LONG. = 103.4448347°W KICK OFF POINT 83' FSL, 1495' FWL NAD 27 NMSP EAST N. = 515316.60 E. = 774481.03 LAT. = 32.4135796°N LONG. = 103.4438953°W FIRST TAKE POINT 467' FSL, 1527' FWL NAD 27 NMSP EAST N. = 515700.30 E. = 774510.90 LAT. = 32.4146336°N LONG. = 103.4437881°W LAST TAKE POINT 142' FNL, 1534' FWL NAD 27 NMSP EAST N. = 520442.06 E. = 774487.93 LAT. = 32.4276672°N LONG. = 103.4437346°W BOTTOM OF HOLE NAD 27 NMSP EAST N. = 520480.97 E. = 774490.25 LAT. = 32.4277741°N LONG. = 103.4437261°W CORNER COORDINATES TABLE NAD 27 NMSP EAST A - N. = 520596.79 E. = 775593.03 B - N. = 520565.53 E. = 772953.50 C - N. = 517893.68 E. = 772969.93 D - N. = 515221.85 E. = 772986.38 E - N. = 515242.05 E. = 775624.41	GEODETIC COORDINATES NAD 83 NMSP EAST SURFACE LOCATION N. = 515671.81 E. = 815371.71 LAT. = 32.4145194°N LONG. = 103.4453148°W KICK OFF POINT 83' FSL, 1495' FWL NAD 83 NMSP EAST N. = 515377.50 E. = 815664.10 LAT. = 32.4137039°N LONG. = 103.4443753°W FIRST TAKE POINT 467' FSL, 1527' FWL NAD 83 NMSP EAST N. = 515761.21 E. = 815693.97 LAT. = 32.4147578°N LONG. = 103.4442682°W LAST TAKE POINT 142' FNL, 1534' FWL NAD 83 NMSP EAST N. = 520503.10 E. = 815670.90 LAT. = 32.4277914°N LONG. = 103.4442151°W BOTTOM OF HOLE NAD 83 NMSP EAST N. = 520542.02 E. = 815673.22 LAT. = 32.4278983°N LONG. = 103.4442065°W CORNER COORDINATES TABLE NAD 83 NMSP EAST A - N. = 520657.85 E. = 816776.03 B - N. = 520626.57 E. = 814136.42 C - N. = 517954.85 E. = 814152.91 D - N. = 515282.74 E. = 814169.41 E - N. = 515302.95 E. = 816807.52	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> 05/19/2023 Signature Date DEBORAH MARBERRY Printed Name DMARBERRY@EARTHSTONEENERGY.COM E-mail Address
GEODETIC COORDINATES NAD 27 NMSP EAST SURFACE LOCATION N. = 515610.90 E. = 774188.65 LAT. = 32.4143952°N LONG. = 103.4448347°W KICK OFF POINT 83' FSL, 1495' FWL NAD 27 NMSP EAST N. = 515316.60 E. = 774481.03 LAT. = 32.4135796°N LONG. = 103.4438953°W FIRST TAKE POINT 467' FSL, 1527' FWL NAD 27 NMSP EAST N. = 515700.30 E. = 774510.90 LAT. = 32.4146336°N LONG. = 103.4437881°W LAST TAKE POINT 142' FNL, 1534' FWL NAD 27 NMSP EAST N. = 520442.06 E. = 774487.93 LAT. = 32.4276672°N LONG. = 103.4437346°W BOTTOM OF HOLE NAD 27 NMSP EAST N. = 520480.97 E. = 774490.25 LAT. = 32.4277741°N LONG. = 103.4437261°W CORNER COORDINATES TABLE NAD 27 NMSP EAST A - N. = 520596.79 E. = 775593.03 B - N. = 520565.53 E. = 772953.50 C - N. = 517893.68 E. = 772969.93 D - N. = 515221.85 E. = 772986.38 E - N. = 515242.05 E. = 775624.41	GEODETIC COORDINATES NAD 83 NMSP EAST SURFACE LOCATION N. = 515671.81 E. = 815371.71 LAT. = 32.4145194°N LONG. = 103.4453148°W KICK OFF POINT 83' FSL, 1495' FWL NAD 83 NMSP EAST N. = 515377.50 E. = 815664.10 LAT. = 32.4137039°N LONG. = 103.4443753°W FIRST TAKE POINT 467' FSL, 1527' FWL NAD 83 NMSP EAST N. = 515761.21 E. = 815693.97 LAT. = 32.4147578°N LONG. = 103.4442682°W LAST TAKE POINT 142' FNL, 1534' FWL NAD 83 NMSP EAST N. = 520503.10 E. = 815670.90 LAT. = 32.4277914°N LONG. = 103.4442151°W BOTTOM OF HOLE NAD 83 NMSP EAST N. = 520542.02 E. = 815673.22 LAT. = 32.4278983°N LONG. = 103.4442065°W CORNER COORDINATES TABLE NAD 83 NMSP EAST A - N. = 520657.85 E. = 816776.03 B - N. = 520626.57 E. = 814136.42 C - N. = 517954.85 E. = 814152.91 D - N. = 515282.74 E. = 814169.41 E - N. = 515302.95 E. = 816807.52		
			

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. JANUARY 9, 2023 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 SURVEY NO. 9607	
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Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 2BS Com 4H
Project:	Lea County, NM (NAD 27)	TVD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Site:	Squeeze 2 State Pad	MD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Well:	2BS Com 4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	LEAM Multi_User Db

Project	Lea County, NM (NAD 27)		
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	Squeeze 2 State Pad				
Site Position:		Northing:	515,610.64 usft	Latitude:	32° 24' 51.82 N
From:	Map	Easting:	774,158.67 usft	Longitude:	103° 26' 41.75 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.48 °

Well	2BS Com 4H					
Well Position	+N/-S	0.00 usft	Northing:	515,610.87 usft	Latitude:	32° 24' 51.82 N
	+E/-W	0.00 usft	Easting:	774,188.67 usft	Longitude:	103° 26' 41.40 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,571.80 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	9/22/2022	6.35	60.08	47,708.10000000

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	359.65	

Survey Program	Date	11/7/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
80.00	1,698.00	Survey #1 (OH)	OWSG_Rev2_MWD	OWSG MWD - Standard	
1,772.00	14,945.00	Survey #2 (OH)	OWSG_Rev2_MWD+HRGM	OWSG MWD + HRGM	
15,000.00	15,000.00	Survey #3 (OH)	Project	Projection	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SHL (Squeeze 2 State 2BS Com 4H)										
80.00	0.48	158.50	80.00	-0.31	0.12	-0.31	0.60	0.60	0.00	
172.00	0.44	15.86	172.00	-0.33	0.36	-0.33	0.95	-0.04	-155.04	
260.00	0.84	12.78	259.99	0.62	0.60	0.62	0.46	0.45	-3.50	
346.00	1.19	48.00	345.98	1.84	1.40	1.83	0.81	0.41	40.95	
403.00	1.93	38.00	402.96	2.99	2.43	2.97	1.38	1.30	-17.54	

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 2BS Com 4H
Project:	Lea County, NM (NAD 27)	TVD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Site:	Squeeze 2 State Pad	MD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Well:	2BS Com 4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	LEAM Multi_User Db

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)	
490.00	0.66	42.32	489.93	4.51	3.67	4.49	1.46	-1.46	4.97	
577.00	1.23	28.86	576.92	5.70	4.46	5.67	0.70	0.66	-15.47	
665.00	1.23	41.55	664.90	7.24	5.54	7.20	0.31	0.00	14.42	
750.00	1.05	33.87	749.88	8.57	6.58	8.52	0.28	-0.21	-9.04	
839.00	0.40	41.08	838.88	9.48	7.24	9.43	0.74	-0.73	8.10	
927.00	0.13	46.53	926.88	9.78	7.51	9.73	0.31	-0.31	6.19	
1,012.00	0.09	276.01	1,011.88	9.85	7.51	9.80	0.24	-0.05	-153.55	
1,101.00	0.48	337.80	1,100.88	10.20	7.30	10.16	0.50	0.44	69.43	
1,189.00	0.35	182.41	1,188.87	10.28	7.15	10.23	0.92	-0.15	-176.58	
1,278.00	0.26	326.72	1,277.87	10.17	7.03	10.13	0.65	-0.10	162.15	
1,365.00	0.48	284.80	1,364.87	10.43	6.57	10.39	0.39	0.25	-48.18	
1,452.00	0.40	305.98	1,451.87	10.70	5.97	10.67	0.21	-0.09	24.34	
1,539.00	0.18	321.01	1,538.87	10.99	5.64	10.95	0.27	-0.25	17.28	
1,627.00	0.48	327.43	1,626.87	11.40	5.36	11.37	0.34	0.34	7.30	
1,698.00	0.40	245.07	1,697.87	11.55	4.97	11.52	0.82	-0.11	-116.00	
1,772.00	0.26	222.43	1,771.86	11.32	4.62	11.29	0.26	-0.19	-30.59	
1,865.00	0.44	125.93	1,864.86	10.95	4.77	10.92	0.58	0.19	-103.76	
1,958.00	1.23	106.94	1,957.85	10.45	6.01	10.42	0.89	0.85	-20.42	
2,053.00	1.58	107.65	2,052.82	9.76	8.24	9.71	0.37	0.37	0.75	
2,146.00	1.67	107.30	2,145.79	8.97	10.75	8.90	0.10	0.10	-0.38	
2,240.00	1.49	99.91	2,239.75	8.35	13.27	8.27	0.29	-0.19	-7.86	
2,334.00	1.49	92.53	2,333.72	8.08	15.69	7.99	0.20	0.00	-7.85	
2,427.00	1.58	98.16	2,426.69	7.85	18.17	7.74	0.19	0.10	6.05	
2,521.00	2.37	133.66	2,520.63	6.32	20.86	6.20	1.51	0.84	37.77	
2,616.00	4.66	156.87	2,615.45	1.42	23.79	1.27	2.79	2.41	24.43	
2,710.00	6.68	163.55	2,708.99	-7.34	26.84	-7.50	2.26	2.15	7.11	
2,804.00	7.56	164.07	2,802.26	-18.53	30.09	-18.71	0.94	0.94	0.55	
2,851.00	6.77	159.85	2,848.90	-24.10	31.89	-24.30	2.02	-1.68	-8.98	
2,898.00	6.77	155.46	2,895.57	-29.22	34.00	-29.43	1.10	0.00	-9.34	
2,992.00	5.36	138.41	2,989.05	-37.55	39.21	-37.79	2.42	-1.50	-18.14	
3,086.00	6.33	129.62	3,082.56	-44.14	46.12	-44.42	1.40	1.03	-9.35	
3,149.00	6.33	141.90	3,145.18	-49.08	50.94	-49.39	2.15	0.00	19.49	
3,180.00	6.51	145.97	3,175.98	-51.89	52.97	-52.21	1.58	0.58	13.13	
3,274.00	5.10	181.12	3,269.53	-60.48	55.88	-60.82	3.99	-1.50	37.39	
3,367.00	5.10	234.03	3,362.21	-67.05	52.45	-67.36	4.88	0.00	56.89	
3,460.00	4.84	238.25	3,454.86	-71.54	45.77	-71.82	0.48	-0.28	4.54	
3,554.00	3.34	227.53	3,548.62	-75.47	40.37	-75.72	1.78	-1.60	-11.40	
3,649.00	2.20	189.39	3,643.51	-79.14	38.03	-79.37	2.22	-1.20	-40.15	
3,743.00	2.37	187.28	3,737.44	-82.85	37.49	-83.08	0.20	0.18	-2.24	
3,837.00	2.37	182.53	3,831.36	-86.72	37.16	-86.95	0.21	0.00	-5.05	
3,932.00	2.29	177.43	3,926.28	-90.58	37.16	-90.80	0.23	-0.08	-5.37	
4,025.00	2.20	171.46	4,019.21	-94.20	37.51	-94.43	0.27	-0.10	-6.42	

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 2BS Com 4H
Project:	Lea County, NM (NAD 27)	TVD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Site:	Squeeze 2 State Pad	MD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Well:	2BS Com 4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	LEAM Multi_User Db

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)	
4,119.00	2.02	164.78	4,113.14	-97.58	38.21	-97.81	0.32	-0.19	-7.11	
4,212.00	2.20	163.37	4,206.08	-100.87	39.15	-101.11	0.20	0.19	-1.52	
4,306.00	2.55	163.90	4,300.00	-104.61	40.25	-104.86	0.37	0.37	0.56	
4,400.00	2.73	167.06	4,393.90	-108.80	41.33	-109.05	0.25	0.19	3.36	
4,494.00	3.61	162.84	4,487.76	-113.81	42.70	-114.07	0.97	0.94	-4.49	
4,588.00	4.13	159.85	4,581.54	-119.82	44.74	-120.09	0.59	0.55	-3.18	
4,682.00	4.75	160.21	4,675.26	-126.66	47.23	-126.94	0.66	0.66	0.38	
4,777.00	5.36	157.92	4,769.89	-134.47	50.23	-134.77	0.68	0.64	-2.41	
4,871.00	6.07	154.58	4,863.42	-143.03	54.01	-143.36	0.83	0.76	-3.55	
4,965.00	6.42	148.78	4,956.86	-152.01	58.87	-152.37	0.77	0.37	-6.17	
5,060.00	6.16	155.81	5,051.29	-161.20	63.71	-161.59	0.86	-0.27	7.40	
5,153.00	5.28	166.89	5,143.83	-169.92	66.72	-170.33	1.51	-0.95	11.91	
5,247.00	5.63	166.71	5,237.41	-178.62	68.77	-179.04	0.37	0.37	-0.19	
5,342.00	5.72	166.89	5,331.94	-187.77	70.91	-188.20	0.10	0.09	0.19	
5,436.00	6.42	165.30	5,425.41	-197.41	73.31	-197.86	0.77	0.74	-1.69	
5,531.00	6.86	163.02	5,519.78	-207.98	76.31	-208.44	0.54	0.46	-2.40	
5,568.00	7.47	164.25	5,556.49	-212.41	77.61	-212.88	1.70	1.65	3.32	
5,666.00	8.62	160.56	5,653.52	-225.46	81.78	-225.96	1.29	1.17	-3.77	
5,760.00	3.96	135.77	5,746.95	-234.44	86.40	-234.96	5.63	-4.96	-26.37	
5,855.00	3.34	74.78	5,841.78	-236.06	91.36	-236.62	3.94	-0.65	-64.20	
5,948.00	3.43	73.55	5,934.62	-234.56	96.64	-235.15	0.12	0.10	-1.32	
6,042.00	4.13	99.39	6,028.42	-234.32	102.67	-234.94	1.94	0.74	27.49	
6,137.00	3.43	102.55	6,123.22	-235.49	108.82	-236.16	0.77	-0.74	3.33	
6,231.00	3.25	101.85	6,217.06	-236.65	114.18	-237.35	0.20	-0.19	-0.74	
6,325.00	3.34	99.21	6,310.90	-237.64	119.49	-238.36	0.19	0.10	-2.81	
6,419.00	3.43	97.80	6,404.74	-238.46	124.98	-239.22	0.13	0.10	-1.50	
6,513.00	3.25	97.28	6,498.58	-239.18	130.41	-239.97	0.19	-0.19	-0.55	
6,607.00	3.17	93.94	6,592.43	-239.69	135.64	-240.52	0.22	-0.09	-3.55	
6,700.00	3.96	110.81	6,685.25	-241.01	141.21	-241.87	1.40	0.85	18.14	
6,795.00	3.96	113.98	6,780.03	-243.51	147.27	-244.41	0.23	0.00	3.34	
6,888.00	3.78	115.38	6,872.81	-246.13	152.98	-247.06	0.22	-0.19	1.51	
6,982.00	3.34	113.10	6,966.63	-248.53	158.29	-249.49	0.49	-0.47	-2.43	
7,075.00	2.99	112.39	7,059.49	-250.52	163.03	-251.51	0.38	-0.38	-0.76	
7,170.00	2.55	104.66	7,154.38	-252.00	167.36	-253.01	0.61	-0.46	-8.14	
7,264.00	4.31	98.68	7,248.21	-253.06	172.88	-254.11	1.91	1.87	-6.36	
7,358.00	4.31	100.26	7,341.94	-254.22	179.85	-255.32	0.13	0.00	1.68	
7,451.00	3.87	99.39	7,434.70	-255.36	186.38	-256.49	0.48	-0.47	-0.94	
7,545.00	3.43	99.91	7,528.51	-256.36	192.28	-257.53	0.47	-0.47	0.55	
7,638.00	3.61	133.84	7,621.35	-258.86	197.13	-260.06	2.22	0.19	36.48	
7,732.00	3.08	135.25	7,715.19	-262.71	201.05	-263.93	0.57	-0.56	1.50	
7,826.00	2.37	131.55	7,809.08	-265.79	204.28	-267.03	0.78	-0.76	-3.94	
7,920.00	2.55	94.82	7,903.00	-267.26	207.82	-268.52	1.66	0.19	-39.07	

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 2BS Com 4H
Project:	Lea County, NM (NAD 27)	TVD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Site:	Squeeze 2 State Pad	MD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Well:	2BS Com 4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	LEAM Multi_User Db

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)	
8,014.00	3.25	82.16	7,996.88	-267.07	212.54	-268.36	1.01	0.74	-13.47	
8,108.00	3.61	92.00	8,090.71	-266.81	218.14	-268.14	0.73	0.38	10.47	
8,202.00	3.52	101.32	8,184.53	-267.48	223.93	-268.84	0.62	-0.10	9.91	
8,296.00	2.81	90.95	8,278.39	-268.08	229.06	-269.48	0.97	-0.76	-11.03	
8,390.00	4.13	100.09	8,372.21	-268.71	234.70	-270.14	1.52	1.40	9.72	
8,484.00	3.43	78.64	8,466.01	-268.75	240.79	-270.22	1.67	-0.74	-22.82	
8,578.00	4.66	82.16	8,559.78	-267.68	247.33	-269.18	1.33	1.31	3.74	
8,673.00	3.43	87.78	8,654.54	-267.04	253.99	-268.59	1.36	-1.29	5.92	
8,767.00	3.52	128.04	8,748.38	-268.71	259.07	-270.29	2.54	0.10	42.83	
8,860.00	3.17	116.61	8,841.22	-271.62	263.62	-273.23	0.81	-0.38	-12.29	
8,953.00	2.20	134.19	8,934.12	-274.02	267.20	-275.64	1.36	-1.04	18.90	
9,047.00	2.46	142.98	9,028.04	-276.89	269.71	-278.53	0.47	0.28	9.35	
9,105.01	3.85	116.21	9,085.97	-278.74	272.20	-280.40	3.43	2.39	-46.15	
Hard Line Crossing 1 @ 9105' MD										
9,141.00	4.92	108.17	9,121.85	-279.75	274.75	-281.43	3.43	2.98	-22.34	
9,236.00	5.36	134.37	9,216.48	-284.13	281.80	-285.84	2.49	0.46	27.58	
9,331.00	5.63	137.00	9,311.05	-290.64	288.15	-292.39	0.39	0.28	2.77	
9,400.00	3.78	121.71	9,379.81	-294.31	292.39	-296.09	3.22	-2.68	-22.16	
9,448.00	2.90	90.77	9,427.74	-295.16	294.95	-296.95	4.11	-1.83	-64.46	
9,495.00	5.72	20.46	9,474.62	-292.98	296.96	-294.79	11.64	6.00	-149.60	
9,543.00	11.08	9.56	9,522.09	-286.18	298.56	-288.00	11.60	11.17	-22.71	
9,578.52	14.00	5.59	9,556.76	-278.54	299.55	-280.37	8.56	8.21	-11.16	
Hard Line Crossing 2 @ 9579' MD										
9,590.00	14.95	4.64	9,567.88	-275.68	299.80	-277.51	8.56	8.30	-8.31	
9,637.00	19.17	0.95	9,612.80	-261.92	300.42	-263.75	9.27	8.98	-7.85	
9,684.00	20.49	359.37	9,657.02	-245.98	300.46	-247.81	3.03	2.81	-3.36	
9,732.00	23.83	2.53	9,701.47	-227.88	300.80	-229.72	7.39	6.96	6.58	
9,779.00	25.24	3.76	9,744.22	-208.40	301.87	-210.24	3.19	3.00	2.62	
9,827.00	27.44	7.80	9,787.24	-187.22	304.04	-189.08	5.91	4.58	8.42	
9,873.00	31.92	7.10	9,827.19	-164.64	306.99	-166.52	9.77	9.74	-1.52	
9,920.00	36.32	5.69	9,866.09	-138.45	309.90	-140.34	9.51	9.36	-3.00	
9,967.00	41.94	4.11	9,902.54	-108.91	312.41	-110.82	12.14	11.96	-3.36	
9,993.38	44.55	3.11	9,921.75	-90.88	313.55	-92.79	10.22	9.88	-3.81	
LP (Squeeze 2 State 2BS Com 4H)										
10,015.00	46.69	2.35	9,936.87	-75.44	314.28	-77.36	10.22	9.91	-3.50	
10,062.00	52.76	2.18	9,967.24	-39.63	315.69	-41.55	12.92	12.91	-0.36	
10,109.00	57.68	3.06	9,994.05	-1.08	317.47	-3.02	10.58	10.47	1.87	
10,157.00	63.66	3.23	10,017.55	40.69	319.76	38.73	12.46	12.46	0.35	
10,204.00	69.20	2.71	10,036.33	83.69	321.99	81.72	11.83	11.79	-1.11	
10,251.00	75.89	2.71	10,050.42	128.45	324.11	126.47	14.23	14.23	0.00	
10,298.00	81.43	2.53	10,059.66	174.47	326.21	172.47	11.79	11.79	-0.38	
10,345.00	82.13	2.35	10,066.38	220.94	328.19	218.93	1.54	1.49	-0.38	
10,393.00	82.92	1.83	10,072.63	268.50	329.93	266.48	1.97	1.65	-1.08	

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 2BS Com 4H
Project:	Lea County, NM (NAD 27)	TVD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Site:	Squeeze 2 State Pad	MD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Well:	2BS Com 4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	LEAM Multi_User Db

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)	
10,487.00	89.60	0.07	10,078.75	362.23	331.48	360.20	7.35	7.11	-1.87	
10,581.00	90.40	359.54	10,078.75	456.23	331.16	454.20	1.02	0.85	-0.56	
10,675.00	91.45	359.37	10,077.24	550.21	330.26	548.19	1.13	1.12	-0.18	
10,769.00	91.45	359.89	10,074.86	644.18	329.66	642.16	0.55	0.00	0.55	
10,863.00	93.75	359.89	10,070.60	738.08	329.48	736.05	2.45	2.45	0.00	
10,957.00	89.08	0.07	10,068.27	832.02	329.44	830.00	4.97	-4.97	0.19	
10,992.00	88.81	0.07	10,068.92	867.02	329.49	864.99	0.77	-0.77	0.00	
11,080.00	86.79	359.54	10,072.30	954.95	329.19	952.92	2.37	-2.30	-0.60	
11,174.00	91.19	359.89	10,073.95	1,048.91	328.72	1,046.88	4.70	4.68	0.37	
11,268.00	92.59	359.72	10,070.85	1,142.85	328.40	1,140.83	1.50	1.49	-0.18	
11,362.00	92.77	359.37	10,066.46	1,236.75	327.66	1,234.72	0.42	0.19	-0.37	
11,457.00	92.68	359.01	10,061.94	1,331.63	326.31	1,329.61	0.39	-0.09	-0.38	
11,551.00	93.12	358.49	10,057.19	1,425.49	324.27	1,423.48	0.72	0.47	-0.55	
11,644.00	93.47	358.14	10,051.84	1,518.29	321.54	1,516.30	0.53	0.38	-0.38	
11,738.00	92.07	359.89	10,047.30	1,612.16	319.92	1,610.18	2.38	-1.49	1.86	
11,830.00	92.33	359.72	10,043.77	1,704.10	319.61	1,702.11	0.34	0.28	-0.18	
11,924.00	92.42	359.72	10,039.87	1,798.01	319.15	1,796.03	0.10	0.10	0.00	
12,016.00	92.07	358.49	10,036.27	1,889.93	317.72	1,887.95	1.39	-0.38	-1.34	
12,110.00	91.89	358.14	10,033.02	1,983.83	314.95	1,981.87	0.42	-0.19	-0.37	
12,204.00	91.89	357.43	10,029.92	2,077.71	311.32	2,075.77	0.75	0.00	-0.76	
12,298.00	92.24	359.37	10,026.53	2,171.61	308.70	2,169.68	2.10	0.37	2.06	
12,391.00	91.71	0.25	10,023.33	2,264.55	308.39	2,262.63	1.10	-0.57	0.95	
12,484.00	91.63	359.89	10,020.62	2,357.51	308.50	2,355.58	0.40	-0.09	-0.39	
12,577.00	91.71	358.84	10,017.91	2,450.47	307.47	2,448.54	1.13	0.09	-1.13	
12,671.00	90.92	358.14	10,015.75	2,544.41	305.00	2,542.50	1.12	-0.84	-0.74	
12,764.00	90.84	357.61	10,014.32	2,637.33	301.55	2,635.44	0.58	-0.09	-0.57	
12,857.00	91.10	357.61	10,012.75	2,730.24	297.67	2,728.37	0.28	0.28	0.00	
12,951.00	87.32	358.49	10,014.04	2,824.16	294.47	2,822.30	4.13	-4.02	0.94	
13,045.00	87.23	358.14	10,018.51	2,918.01	291.71	2,916.17	0.38	-0.10	-0.37	
13,139.00	86.97	357.78	10,023.27	3,011.83	288.37	3,010.01	0.47	-0.28	-0.38	
13,232.00	88.20	0.95	10,027.19	3,104.73	287.34	3,102.91	3.65	1.32	3.41	
13,325.00	88.64	1.83	10,029.75	3,197.66	289.60	3,195.83	1.06	0.47	0.95	
13,420.00	89.96	0.77	10,030.91	3,292.63	291.75	3,290.78	1.78	1.39	-1.12	
13,513.00	90.48	0.60	10,030.55	3,385.62	292.87	3,383.77	0.59	0.56	-0.18	
13,606.00	90.31	359.89	10,029.91	3,478.62	293.26	3,476.76	0.79	-0.18	-0.76	
13,701.00	90.31	359.19	10,029.40	3,573.61	292.50	3,571.76	0.74	0.00	-0.74	
13,794.00	91.98	358.49	10,027.54	3,666.57	290.62	3,664.73	1.95	1.80	-0.75	
13,887.00	92.24	358.31	10,024.12	3,759.47	288.02	3,757.64	0.34	0.28	-0.19	
13,980.00	92.07	357.96	10,020.62	3,852.36	285.00	3,850.54	0.42	-0.18	-0.38	
14,074.00	92.15	357.78	10,017.16	3,946.23	281.51	3,944.43	0.21	0.09	-0.19	
14,168.00	92.42	357.26	10,013.41	4,040.06	277.44	4,038.29	0.62	0.29	-0.55	
14,261.00	92.68	357.61	10,009.27	4,132.88	273.29	4,131.13	0.47	0.28	0.38	

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 2BS Com 4H
Project:	Lea County, NM (NAD 27)	TVD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Site:	Squeeze 2 State Pad	MD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Well:	2BS Com 4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	LEAM Multi_User Db

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)	
14,355.00	93.12	358.84	10,004.52	4,226.71	270.38	4,224.98	1.39	0.47	1.31	
14,449.00	93.12	359.72	9,999.40	4,320.56	269.20	4,318.84	0.93	0.00	0.94	
14,543.00	91.10	2.18	9,995.94	4,414.47	270.76	4,412.74	3.38	-2.15	2.62	
14,638.00	92.51	3.58	9,992.95	4,509.30	275.53	4,507.54	2.09	1.48	1.47	
14,732.00	88.64	4.64	9,992.00	4,603.04	282.26	4,601.23	4.27	-4.12	1.13	
14,826.00	88.90	4.82	9,994.02	4,696.70	290.01	4,694.84	0.34	0.28	0.19	
14,920.00	87.76	3.41	9,996.76	4,790.41	296.75	4,788.51	1.93	-1.21	-1.50	
14,945.00	87.76	3.41	9,997.74	4,815.35	298.24	4,813.43	0.00	0.00	0.00	
15,000.00	87.76	3.41	9,999.89	4,870.21	301.51	4,868.27	0.00	0.00	0.00	
Projection to Bit @ 15000' MD - PBHL (Squeeze 2 State 2BS Com 4H) - BHL (Squeeze 2 State 2BS Com 4H)										

Design Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
SHL (Squeeze 2 State 2 - actual wellpath hits target center - Point	0.00	0.00	0.00	0.00	0.00	515,610.87	774,188.67	32° 24' 51.82 N	103° 26' 41.40 W	
BHL (Squeeze 2 State 2 - actual wellpath hits target center - Point	0.00	0.00	9,999.89	4,870.21	301.51	520,481.08	774,490.18	32° 25' 39.99 N	103° 26' 37.41 W	
PBHL (Squeeze 2 State - actual wellpath misses target center by 9.24usft at 15000.00usft MD (9999.89 TVD, 4870.21 N, 301.51 E) - Point	0.00	0.00	10,001.98	4,872.94	310.08	520,483.81	774,498.75	32° 25' 40.01 N	103° 26' 37.31 W	
LP (Squeeze 2 State 2B - actual wellpath misses target center by 260.73usft at 9993.38usft MD (9921.75 TVD, -90.88 N, 313.55 E) - Point	0.00	0.00	10,101.88	-277.25	341.77	515,333.62	774,530.44	32° 24' 49.05 N	103° 26' 37.45 W	

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,105.01	9,085.97	-278.74	272.20	Hard Line Crossing 1 @ 9105' MD	
9,578.52	9,556.76	-278.54	299.55	Hard Line Crossing 2 @ 9579' MD	
15,000.00	9,999.89	4,870.21	301.51	Projection to Bit @ 15000' MD	

Checked By: _____	Approved By: _____	Date: _____
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Survey Report - Geographic

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 2BS Com 4H
Project:	Lea County, NM (NAD 27)	TVD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Site:	Squeeze 2 State Pad	MD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Well:	2BS Com 4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	LEAM Multi_User Db

Project	Lea County, NM (NAD 27)		
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	Squeeze 2 State Pad				
Site Position:		Northing:	515,610.64 usft	Latitude:	32° 24' 51.82 N
From:	Map	Easting:	774,158.67 usft	Longitude:	103° 26' 41.75 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.48 °

Well	2BS Com 4H					
Well Position	+N/-S	0.00 usft	Northing:	515,610.87 usft	Latitude:	32° 24' 51.82 N
	+E/-W	0.00 usft	Easting:	774,188.67 usft	Longitude:	103° 26' 41.40 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,571.80 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM_FILE	9/22/2022	6.35	60.08	47,708.10000000

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00		359.65

Survey Program	Date	11/7/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
80.00	1,698.00	Survey #1 (OH)	OWSG_Rev2_MWD	OWSG MWD - Standard	
1,772.00	14,945.00	Survey #2 (OH)	OWSG_Rev2_MWD+HRGM	OWSG MWD + HRGM	
15,000.00	15,000.00	Survey #3 (OH)	Project	Projection	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	515,610.87	774,188.67	32° 24' 51.82 N	103° 26' 41.40 W
SHL (Squeeze 2 State 2BS Com 4H)									
80.00	0.48	158.50	80.00	-0.31	0.12	515,610.56	774,188.79	32° 24' 51.82 N	103° 26' 41.40 W
172.00	0.44	15.86	172.00	-0.33	0.36	515,610.54	774,189.03	32° 24' 51.82 N	103° 26' 41.40 W
260.00	0.84	12.78	259.99	0.62	0.60	515,611.50	774,189.26	32° 24' 51.83 N	103° 26' 41.40 W
346.00	1.19	48.00	345.98	1.84	1.40	515,612.71	774,190.07	32° 24' 51.84 N	103° 26' 41.39 W
403.00	1.93	38.00	402.96	2.99	2.43	515,613.86	774,191.10	32° 24' 51.85 N	103° 26' 41.38 W
490.00	0.66	42.32	489.93	4.51	3.67	515,615.38	774,192.34	32° 24' 51.87 N	103° 26' 41.36 W

Survey Report - Geographic

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 2BS Corn 4H
Project:	Lea County, NM (NAD 27)	TVD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Site:	Squeeze 2 State Pad	MD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Well:	2BS Corn 4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	LEAM Multi_User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude	
577.00	1.23	28.86	576.92	5.70	4.46	515,616.57	774,193.12	32° 24' 51.88 N	103° 26' 41.35 W	
665.00	1.23	41.55	664.90	7.24	5.54	515,618.11	774,194.21	32° 24' 51.89 N	103° 26' 41.34 W	
750.00	1.05	33.87	749.88	8.57	6.58	515,619.44	774,195.25	32° 24' 51.91 N	103° 26' 41.33 W	
839.00	0.40	41.08	838.88	9.48	7.24	515,620.35	774,195.90	32° 24' 51.92 N	103° 26' 41.32 W	
927.00	0.13	46.53	926.88	9.78	7.51	515,620.65	774,196.18	32° 24' 51.92 N	103° 26' 41.32 W	
1,012.00	0.09	276.01	1,011.88	9.85	7.51	515,620.72	774,196.18	32° 24' 51.92 N	103° 26' 41.32 W	
1,101.00	0.48	337.80	1,100.88	10.20	7.30	515,621.07	774,195.97	32° 24' 51.92 N	103° 26' 41.32 W	
1,189.00	0.35	182.41	1,188.87	10.28	7.15	515,621.15	774,195.82	32° 24' 51.92 N	103° 26' 41.32 W	
1,278.00	0.26	326.72	1,277.87	10.17	7.03	515,621.04	774,195.70	32° 24' 51.92 N	103° 26' 41.32 W	
1,365.00	0.48	284.80	1,364.87	10.43	6.57	515,621.30	774,195.24	32° 24' 51.93 N	103° 26' 41.33 W	
1,452.00	0.40	305.98	1,451.87	10.70	5.97	515,621.57	774,194.64	32° 24' 51.93 N	103° 26' 41.33 W	
1,539.00	0.18	321.01	1,538.87	10.99	5.64	515,621.86	774,194.31	32° 24' 51.93 N	103° 26' 41.34 W	
1,627.00	0.48	327.43	1,626.87	11.40	5.36	515,622.28	774,194.02	32° 24' 51.94 N	103° 26' 41.34 W	
1,698.00	0.40	245.07	1,697.87	11.55	4.97	515,622.42	774,193.64	32° 24' 51.94 N	103° 26' 41.35 W	
1,772.00	0.26	222.43	1,771.86	11.32	4.62	515,622.19	774,193.29	32° 24' 51.93 N	103° 26' 41.35 W	
1,865.00	0.44	125.93	1,864.86	10.95	4.77	515,621.82	774,193.44	32° 24' 51.93 N	103° 26' 41.35 W	
1,958.00	1.23	106.94	1,957.85	10.45	6.01	515,621.32	774,194.68	32° 24' 51.93 N	103° 26' 41.33 W	
2,053.00	1.58	107.65	2,052.82	9.76	8.24	515,620.63	774,196.91	32° 24' 51.92 N	103° 26' 41.31 W	
2,146.00	1.67	107.30	2,145.79	8.97	10.75	515,619.84	774,199.42	32° 24' 51.91 N	103° 26' 41.28 W	
2,240.00	1.49	99.91	2,239.75	8.35	13.27	515,619.22	774,201.93	32° 24' 51.90 N	103° 26' 41.25 W	
2,334.00	1.49	92.53	2,333.72	8.08	15.69	515,618.96	774,204.36	32° 24' 51.90 N	103° 26' 41.22 W	
2,427.00	1.58	98.16	2,426.69	7.85	18.17	515,618.72	774,206.83	32° 24' 51.90 N	103° 26' 41.19 W	
2,521.00	2.37	133.66	2,520.63	6.32	20.86	515,617.19	774,209.52	32° 24' 51.88 N	103° 26' 41.16 W	
2,616.00	4.66	156.87	2,615.45	1.42	23.79	515,612.29	774,212.46	32° 24' 51.83 N	103° 26' 41.13 W	
2,710.00	6.68	163.55	2,708.99	-7.34	26.84	515,603.53	774,215.51	32° 24' 51.75 N	103° 26' 41.09 W	
2,804.00	7.56	164.07	2,802.26	-18.53	30.09	515,592.34	774,218.75	32° 24' 51.64 N	103° 26' 41.06 W	
2,851.00	6.77	159.85	2,848.90	-24.10	31.89	515,586.77	774,220.56	32° 24' 51.58 N	103° 26' 41.04 W	
2,898.00	6.77	155.46	2,895.57	-29.22	34.00	515,581.65	774,222.66	32° 24' 51.53 N	103° 26' 41.01 W	
2,992.00	5.36	138.41	2,989.05	-37.55	39.21	515,573.32	774,227.88	32° 24' 51.45 N	103° 26' 40.95 W	
3,086.00	6.33	129.62	3,082.56	-44.14	46.12	515,566.74	774,234.78	32° 24' 51.38 N	103° 26' 40.87 W	
3,149.00	6.33	141.90	3,145.18	-49.08	50.94	515,561.79	774,239.60	32° 24' 51.33 N	103° 26' 40.82 W	
3,180.00	6.51	145.97	3,175.98	-51.89	52.97	515,558.99	774,241.64	32° 24' 51.31 N	103° 26' 40.79 W	
3,274.00	5.10	181.12	3,269.53	-60.48	55.88	515,550.39	774,244.54	32° 24' 51.22 N	103° 26' 40.76 W	
3,367.00	5.10	234.03	3,362.21	-67.05	52.45	515,543.83	774,241.11	32° 24' 51.16 N	103° 26' 40.80 W	
3,460.00	4.84	238.25	3,454.86	-71.54	45.77	515,539.33	774,234.43	32° 24' 51.11 N	103° 26' 40.88 W	
3,554.00	3.34	227.53	3,548.62	-75.47	40.37	515,535.40	774,229.04	32° 24' 51.07 N	103° 26' 40.94 W	
3,649.00	2.20	189.39	3,643.51	-79.14	38.03	515,531.73	774,226.70	32° 24' 51.04 N	103° 26' 40.97 W	
3,743.00	2.37	187.28	3,737.44	-82.85	37.49	515,528.02	774,226.16	32° 24' 51.00 N	103° 26' 40.98 W	
3,837.00	2.37	182.53	3,831.36	-86.72	37.16	515,524.15	774,225.83	32° 24' 50.96 N	103° 26' 40.98 W	
3,932.00	2.29	177.43	3,926.28	-90.58	37.16	515,520.29	774,225.83	32° 24' 50.92 N	103° 26' 40.98 W	
4,025.00	2.20	171.46	4,019.21	-94.20	37.51	515,516.67	774,226.18	32° 24' 50.89 N	103° 26' 40.98 W	
4,119.00	2.02	164.78	4,113.14	-97.58	38.21	515,513.29	774,226.88	32° 24' 50.85 N	103° 26' 40.97 W	
4,212.00	2.20	163.37	4,206.08	-100.87	39.15	515,510.00	774,227.82	32° 24' 50.82 N	103° 26' 40.96 W	
4,306.00	2.55	163.90	4,300.00	-104.61	40.25	515,506.26	774,228.92	32° 24' 50.78 N	103° 26' 40.95 W	
4,400.00	2.73	167.06	4,393.90	-108.80	41.33	515,502.07	774,230.00	32° 24' 50.74 N	103° 26' 40.93 W	
4,494.00	3.61	162.84	4,487.76	-113.81	42.70	515,497.06	774,231.37	32° 24' 50.69 N	103° 26' 40.92 W	
4,588.00	4.13	159.85	4,581.54	-119.82	44.74	515,491.05	774,233.41	32° 24' 50.63 N	103° 26' 40.89 W	
4,682.00	4.75	160.21	4,675.26	-126.66	47.23	515,484.21	774,235.89	32° 24' 50.57 N	103° 26' 40.87 W	
4,777.00	5.36	157.92	4,769.89	-134.47	50.23	515,476.40	774,238.89	32° 24' 50.49 N	103° 26' 40.83 W	
4,871.00	6.07	154.58	4,863.42	-143.03	54.01	515,467.84	774,242.68	32° 24' 50.40 N	103° 26' 40.79 W	
4,965.00	6.42	148.78	4,956.86	-152.01	58.87	515,458.86	774,247.54	32° 24' 50.31 N	103° 26' 40.73 W	
5,060.00	6.16	155.81	5,051.29	-161.20	63.71	515,449.67	774,252.38	32° 24' 50.22 N	103° 26' 40.68 W	
5,153.00	5.28	166.89	5,143.83	-169.92	66.72	515,440.95	774,255.39	32° 24' 50.14 N	103° 26' 40.64 W	

Survey Report - Geographic

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 2BS Corn 4H
Project:	Lea County, NM (NAD 27)	TVD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Site:	Squeeze 2 State Pad	MD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Well:	2BS Corn 4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	LEAM Multi_User Db

Survey										
Measured			Vertical			Map		Map		
Depth (usft)	Inclination (°)	Azimuth (°)	Depth (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
5,247.00	5.63	166.71	5,237.41	-178.62	68.77	515,432.25	774,257.43	32° 24' 50.05 N	103° 26' 40.62 W	
5,342.00	5.72	166.89	5,331.94	-187.77	70.91	515,423.10	774,259.58	32° 24' 49.96 N	103° 26' 40.60 W	
5,436.00	6.42	165.30	5,425.41	-197.41	73.31	515,413.46	774,261.97	32° 24' 49.86 N	103° 26' 40.57 W	
5,531.00	6.86	163.02	5,519.78	-207.98	76.31	515,402.89	774,264.98	32° 24' 49.76 N	103° 26' 40.53 W	
5,568.00	7.47	164.25	5,556.49	-212.41	77.61	515,398.47	774,266.28	32° 24' 49.71 N	103° 26' 40.52 W	
5,666.00	8.62	160.56	5,653.52	-225.46	81.78	515,385.41	774,270.45	32° 24' 49.59 N	103° 26' 40.47 W	
5,760.00	3.96	135.77	5,746.95	-234.44	86.40	515,376.43	774,275.06	32° 24' 49.50 N	103° 26' 40.42 W	
5,855.00	3.34	74.78	5,841.78	-236.06	91.36	515,374.81	774,280.02	32° 24' 49.48 N	103° 26' 40.36 W	
5,948.00	3.43	73.55	5,934.62	-234.56	96.64	515,376.31	774,285.31	32° 24' 49.49 N	103° 26' 40.30 W	
6,042.00	4.13	99.39	6,028.42	-234.32	102.67	515,376.55	774,291.34	32° 24' 49.50 N	103° 26' 40.23 W	
6,137.00	3.43	102.55	6,123.22	-235.49	108.82	515,375.38	774,297.49	32° 24' 49.48 N	103° 26' 40.16 W	
6,231.00	3.25	101.85	6,217.06	-236.65	114.18	515,374.22	774,302.84	32° 24' 49.47 N	103° 26' 40.10 W	
6,325.00	3.34	99.21	6,310.90	-237.64	119.49	515,373.23	774,308.15	32° 24' 49.46 N	103° 26' 40.03 W	
6,419.00	3.43	97.80	6,404.74	-238.46	124.98	515,372.41	774,313.64	32° 24' 49.45 N	103° 26' 39.97 W	
6,513.00	3.25	97.28	6,498.58	-239.18	130.41	515,371.69	774,319.07	32° 24' 49.45 N	103° 26' 39.91 W	
6,607.00	3.17	93.94	6,592.43	-239.69	135.64	515,371.18	774,324.31	32° 24' 49.44 N	103° 26' 39.85 W	
6,700.00	3.96	110.81	6,685.25	-241.01	141.21	515,369.86	774,329.88	32° 24' 49.43 N	103° 26' 39.78 W	
6,795.00	3.96	113.98	6,780.03	-243.51	147.27	515,367.36	774,335.94	32° 24' 49.40 N	103° 26' 39.71 W	
6,888.00	3.78	115.38	6,872.81	-246.13	152.98	515,364.74	774,341.64	32° 24' 49.37 N	103° 26' 39.64 W	
6,982.00	3.34	113.10	6,966.63	-248.53	158.29	515,362.34	774,346.96	32° 24' 49.35 N	103° 26' 39.58 W	
7,075.00	2.99	112.39	7,059.49	-250.52	163.03	515,360.35	774,351.70	32° 24' 49.33 N	103° 26' 39.53 W	
7,170.00	2.55	104.66	7,154.38	-252.00	167.36	515,358.87	774,356.03	32° 24' 49.32 N	103° 26' 39.48 W	
7,264.00	4.31	98.68	7,248.21	-253.06	172.88	515,357.81	774,361.55	32° 24' 49.30 N	103° 26' 39.41 W	
7,358.00	4.31	100.26	7,341.94	-254.22	179.85	515,356.65	774,368.51	32° 24' 49.29 N	103° 26' 39.33 W	
7,451.00	3.87	99.39	7,434.70	-255.36	186.38	515,355.52	774,375.05	32° 24' 49.28 N	103° 26' 39.26 W	
7,545.00	3.43	99.91	7,528.51	-256.36	192.28	515,354.51	774,380.95	32° 24' 49.27 N	103° 26' 39.19 W	
7,638.00	3.61	133.84	7,621.35	-258.86	197.13	515,352.01	774,385.80	32° 24' 49.25 N	103° 26' 39.13 W	
7,732.00	3.08	135.25	7,715.19	-262.71	201.05	515,348.16	774,389.71	32° 24' 49.21 N	103° 26' 39.09 W	
7,826.00	2.37	131.55	7,809.08	-265.79	204.28	515,345.08	774,392.95	32° 24' 49.18 N	103° 26' 39.05 W	
7,920.00	2.55	94.82	7,903.00	-267.26	207.82	515,343.62	774,396.49	32° 24' 49.16 N	103° 26' 39.01 W	
8,014.00	3.25	82.16	7,996.88	-267.07	212.54	515,343.80	774,401.21	32° 24' 49.16 N	103° 26' 38.95 W	
8,108.00	3.61	92.00	8,090.71	-266.81	218.14	515,344.06	774,406.81	32° 24' 49.16 N	103° 26' 38.89 W	
8,202.00	3.52	101.32	8,184.53	-267.48	223.93	515,343.39	774,412.59	32° 24' 49.16 N	103° 26' 38.82 W	
8,296.00	2.81	90.95	8,278.39	-268.08	229.06	515,342.79	774,417.73	32° 24' 49.15 N	103° 26' 38.76 W	
8,390.00	4.13	100.09	8,372.21	-268.71	234.70	515,342.16	774,423.36	32° 24' 49.14 N	103° 26' 38.69 W	
8,484.00	3.43	78.64	8,466.01	-268.75	240.79	515,342.12	774,429.45	32° 24' 49.14 N	103° 26' 38.62 W	
8,578.00	4.66	82.16	8,559.78	-267.68	247.33	515,343.19	774,435.99	32° 24' 49.15 N	103° 26' 38.55 W	
8,673.00	3.43	87.78	8,654.54	-267.04	253.99	515,343.83	774,442.66	32° 24' 49.16 N	103° 26' 38.47 W	
8,767.00	3.52	128.04	8,748.38	-268.71	259.07	515,342.16	774,447.74	32° 24' 49.14 N	103° 26' 38.41 W	
8,860.00	3.17	116.61	8,841.22	-271.62	263.62	515,339.25	774,452.29	32° 24' 49.11 N	103° 26' 38.36 W	
8,953.00	2.20	134.19	8,934.12	-274.02	267.20	515,336.85	774,455.87	32° 24' 49.09 N	103° 26' 38.31 W	
9,047.00	2.46	142.98	9,028.04	-276.89	269.71	515,333.99	774,458.37	32° 24' 49.06 N	103° 26' 38.29 W	
9,105.01	3.85	116.21	9,085.97	-278.74	272.20	515,332.13	774,460.87	32° 24' 49.04 N	103° 26' 38.26 W	
Hard Line Crossing 1 @ 9105' MD										
9,141.00	4.92	108.17	9,121.85	-279.75	274.75	515,331.12	774,463.42	32° 24' 49.03 N	103° 26' 38.23 W	
9,236.00	5.36	134.37	9,216.48	-284.13	281.80	515,326.74	774,470.46	32° 24' 48.99 N	103° 26' 38.15 W	
9,331.00	5.63	137.00	9,311.05	-290.64	288.15	515,320.23	774,476.81	32° 24' 48.92 N	103° 26' 38.07 W	
9,400.00	3.78	121.71	9,379.81	-294.31	292.39	515,316.56	774,481.06	32° 24' 48.89 N	103° 26' 38.02 W	
9,448.00	2.90	90.77	9,427.74	-295.16	294.95	515,315.71	774,483.62	32° 24' 48.88 N	103° 26' 37.99 W	
9,495.00	5.72	20.46	9,474.62	-292.98	296.96	515,317.89	774,485.63	32° 24' 48.90 N	103° 26' 37.97 W	
9,543.00	11.08	9.56	9,522.09	-286.18	298.56	515,324.69	774,487.23	32° 24' 48.97 N	103° 26' 37.95 W	
9,578.52	14.00	5.59	9,556.76	-278.54	299.55	515,332.33	774,488.22	32° 24' 49.04 N	103° 26' 37.94 W	
Hard Line Crossing 2 @ 9579' MD										

Survey Report - Geographic

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 2BS Com 4H
Project:	Lea County, NM (NAD 27)	TVD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Site:	Squeeze 2 State Pad	MD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Well:	2BS Com 4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	LEAM Multi_User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
9,590.00	14.95	4.64	9,567.88	-275.68	299.80	515,335.19	774,488.47	32° 24' 49.07 N	103° 26' 37.93 W
9,637.00	19.17	0.95	9,612.80	-261.92	300.42	515,348.95	774,489.09	32° 24' 49.21 N	103° 26' 37.93 W
9,684.00	20.49	359.37	9,657.02	-245.98	300.46	515,364.90	774,489.13	32° 24' 49.36 N	103° 26' 37.92 W
9,732.00	23.83	2.53	9,701.47	-227.88	300.80	515,382.99	774,489.46	32° 24' 49.54 N	103° 26' 37.92 W
9,779.00	25.24	3.76	9,744.22	-208.40	301.87	515,402.47	774,490.54	32° 24' 49.74 N	103° 26' 37.90 W
9,827.00	27.44	7.80	9,787.24	-187.22	304.04	515,423.65	774,492.71	32° 24' 49.95 N	103° 26' 37.88 W
9,873.00	31.92	7.10	9,827.19	-164.64	306.99	515,446.23	774,495.65	32° 24' 50.17 N	103° 26' 37.84 W
9,920.00	36.32	5.69	9,866.09	-138.45	309.90	515,472.42	774,498.57	32° 24' 50.43 N	103° 26' 37.80 W
9,967.00	41.94	4.11	9,902.54	-108.91	312.41	515,501.96	774,501.08	32° 24' 50.72 N	103° 26' 37.77 W
9,993.38	44.55	3.11	9,921.75	-90.88	313.55	515,519.99	774,502.21	32° 24' 50.90 N	103° 26' 37.76 W
LP (Squeeze 2 State 2BS Com 4H)									
10,015.00	46.69	2.35	9,936.87	-75.44	314.28	515,535.43	774,502.95	32° 24' 51.05 N	103° 26' 37.75 W
10,062.00	52.76	2.18	9,967.24	-39.63	315.69	515,571.24	774,504.36	32° 24' 51.40 N	103° 26' 37.73 W
10,109.00	57.68	3.06	9,994.05	-1.08	317.47	515,609.79	774,506.13	32° 24' 51.79 N	103° 26' 37.70 W
10,157.00	63.66	3.23	10,017.55	40.69	319.76	515,651.56	774,508.43	32° 24' 52.20 N	103° 26' 37.67 W
10,204.00	69.20	2.71	10,036.33	83.69	321.99	515,694.56	774,510.66	32° 24' 52.62 N	103° 26' 37.64 W
10,251.00	75.89	2.71	10,050.42	128.45	324.11	515,739.32	774,512.78	32° 24' 53.07 N	103° 26' 37.61 W
10,298.00	81.43	2.53	10,059.66	174.47	326.21	515,785.34	774,514.88	32° 24' 53.52 N	103° 26' 37.58 W
10,345.00	82.13	2.35	10,066.38	220.94	328.19	515,831.82	774,516.86	32° 24' 53.98 N	103° 26' 37.56 W
10,393.00	82.92	1.83	10,072.63	268.50	329.93	515,879.37	774,518.60	32° 24' 54.45 N	103° 26' 37.53 W
10,487.00	89.60	0.07	10,078.75	362.23	331.48	515,973.11	774,520.15	32° 24' 55.38 N	103° 26' 37.50 W
10,581.00	90.40	359.54	10,078.75	456.23	331.16	516,067.10	774,519.83	32° 24' 56.31 N	103° 26' 37.50 W
10,675.00	91.45	359.37	10,077.24	550.21	330.26	516,161.09	774,518.93	32° 24' 57.24 N	103° 26' 37.50 W
10,769.00	91.45	359.89	10,074.86	644.18	329.66	516,255.05	774,518.32	32° 24' 58.17 N	103° 26' 37.50 W
10,863.00	93.75	359.89	10,070.60	738.08	329.48	516,348.95	774,518.14	32° 24' 59.10 N	103° 26' 37.49 W
10,957.00	89.08	0.07	10,068.27	832.02	329.44	516,442.90	774,518.11	32° 25' 0.03 N	103° 26' 37.48 W
10,992.00	88.81	0.07	10,068.92	867.02	329.49	516,477.89	774,518.15	32° 25' 0.37 N	103° 26' 37.48 W
11,080.00	86.79	359.54	10,072.30	954.95	329.19	516,565.82	774,517.86	32° 25' 1.24 N	103° 26' 37.47 W
11,174.00	91.19	359.89	10,073.95	1,048.91	328.72	516,659.78	774,517.39	32° 25' 2.17 N	103° 26' 37.47 W
11,268.00	92.59	359.72	10,070.85	1,142.85	328.40	516,753.73	774,517.07	32° 25' 3.10 N	103° 26' 37.46 W
11,362.00	92.77	359.37	10,066.46	1,236.75	327.66	516,847.62	774,516.32	32° 25' 4.03 N	103° 26' 37.46 W
11,457.00	92.68	359.01	10,061.94	1,331.63	326.31	516,942.50	774,514.98	32° 25' 4.97 N	103° 26' 37.47 W
11,551.00	93.12	358.49	10,057.19	1,425.49	324.27	517,036.36	774,512.93	32° 25' 5.90 N	103° 26' 37.48 W
11,644.00	93.47	358.14	10,051.84	1,518.29	321.54	517,129.17	774,510.20	32° 25' 6.82 N	103° 26' 37.51 W
11,738.00	92.07	359.89	10,047.30	1,612.16	319.92	517,223.04	774,508.59	32° 25' 7.75 N	103° 26' 37.52 W
11,830.00	92.33	359.72	10,043.77	1,704.10	319.61	517,314.97	774,508.28	32° 25' 8.66 N	103° 26' 37.51 W
11,924.00	92.42	359.72	10,039.87	1,798.01	319.15	517,408.89	774,507.82	32° 25' 9.59 N	103° 26' 37.51 W
12,016.00	92.07	358.49	10,036.27	1,889.93	317.72	517,500.80	774,506.38	32° 25' 10.50 N	103° 26' 37.52 W
12,110.00	91.89	358.14	10,033.02	1,983.83	314.95	517,594.70	774,503.62	32° 25' 11.43 N	103° 26' 37.54 W
12,204.00	91.89	357.43	10,029.92	2,077.71	311.32	517,688.58	774,499.99	32° 25' 12.36 N	103° 26' 37.57 W
12,298.00	92.24	359.37	10,026.53	2,171.61	308.70	517,782.48	774,497.37	32° 25' 13.29 N	103° 26' 37.59 W
12,391.00	91.71	0.25	10,023.33	2,264.55	308.39	517,875.42	774,497.06	32° 25' 14.20 N	103° 26' 37.59 W
12,484.00	91.63	359.89	10,020.62	2,357.51	308.50	517,968.38	774,497.17	32° 25' 15.12 N	103° 26' 37.58 W
12,577.00	91.71	358.84	10,017.91	2,450.47	307.47	518,061.34	774,496.14	32° 25' 16.04 N	103° 26' 37.58 W
12,671.00	90.92	358.14	10,015.75	2,544.41	305.00	518,155.28	774,493.67	32° 25' 16.97 N	103° 26' 37.60 W
12,764.00	90.84	357.61	10,014.32	2,637.33	301.55	518,248.20	774,490.22	32° 25' 17.89 N	103° 26' 37.63 W
12,857.00	91.10	357.61	10,012.75	2,730.24	297.67	518,341.11	774,486.34	32° 25' 18.81 N	103° 26' 37.67 W
12,951.00	87.32	358.49	10,014.04	2,824.16	294.47	518,435.03	774,483.14	32° 25' 19.74 N	103° 26' 37.70 W
13,045.00	87.23	358.14	10,018.51	2,918.01	291.71	518,528.88	774,480.38	32° 25' 20.67 N	103° 26' 37.72 W
13,139.00	86.97	357.78	10,023.27	3,011.83	288.37	518,622.70	774,477.04	32° 25' 21.60 N	103° 26' 37.75 W
13,232.00	88.20	0.95	10,027.19	3,104.73	287.34	518,715.60	774,476.01	32° 25' 22.52 N	103° 26' 37.75 W
13,325.00	88.64	1.83	10,029.75	3,197.66	289.60	518,808.53	774,478.27	32° 25' 23.44 N	103° 26' 37.72 W
13,420.00	89.96	0.77	10,030.91	3,292.63	291.75	518,903.50	774,480.42	32° 25' 24.38 N	103° 26' 37.68 W

Survey Report - Geographic

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 2BS Com 4H
Project:	Lea County, NM (NAD 27)	TVD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Site:	Squeeze 2 State Pad	MD Reference:	GE 3571.8' + KB 26' @ 3597.80usft (Scan Patriot)
Well:	2BS Com 4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	LEAM Multi_User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
13,513.00	90.48	0.60	10,030.55	3,385.62	292.87	518,996.49	774,481.53	32° 25' 25.30 N	103° 26' 37.66 W
13,606.00	90.31	359.89	10,029.91	3,478.62	293.26	519,089.49	774,481.93	32° 25' 26.22 N	103° 26' 37.65 W
13,701.00	90.31	359.19	10,029.40	3,573.61	292.50	519,184.48	774,481.17	32° 25' 27.16 N	103° 26' 37.65 W
13,794.00	91.98	358.49	10,027.54	3,666.57	290.62	519,277.44	774,479.29	32° 25' 28.08 N	103° 26' 37.66 W
13,887.00	92.24	358.31	10,024.12	3,759.47	288.02	519,370.34	774,476.69	32° 25' 29.00 N	103° 26' 37.68 W
13,980.00	92.07	357.96	10,020.62	3,852.36	285.00	519,463.23	774,473.67	32° 25' 29.92 N	103° 26' 37.71 W
14,074.00	92.15	357.78	10,017.16	3,946.23	281.51	519,557.10	774,470.17	32° 25' 30.85 N	103° 26' 37.74 W
14,168.00	92.42	357.26	10,013.41	4,040.06	277.44	519,650.94	774,466.11	32° 25' 31.78 N	103° 26' 37.78 W
14,261.00	92.68	357.61	10,009.27	4,132.88	273.29	519,743.75	774,461.95	32° 25' 32.69 N	103° 26' 37.82 W
14,355.00	93.12	358.84	10,004.52	4,226.71	270.38	519,837.58	774,459.04	32° 25' 33.62 N	103° 26' 37.84 W
14,449.00	93.12	359.72	9,999.40	4,320.56	269.20	519,931.43	774,457.86	32° 25' 34.55 N	103° 26' 37.85 W
14,543.00	91.10	2.18	9,995.94	4,414.47	270.76	520,025.35	774,459.42	32° 25' 35.48 N	103° 26' 37.82 W
14,638.00	92.51	3.58	9,992.95	4,509.30	275.53	520,120.17	774,464.19	32° 25' 36.42 N	103° 26' 37.75 W
14,732.00	88.64	4.64	9,992.00	4,603.04	282.26	520,213.91	774,470.93	32° 25' 37.35 N	103° 26' 37.67 W
14,826.00	88.90	4.82	9,994.02	4,696.70	290.01	520,307.57	774,478.68	32° 25' 38.27 N	103° 26' 37.57 W
14,920.00	87.76	3.41	9,996.76	4,790.41	296.75	520,401.28	774,485.42	32° 25' 39.20 N	103° 26' 37.48 W
14,945.00	87.76	3.41	9,997.74	4,815.35	298.24	520,426.22	774,486.91	32° 25' 39.45 N	103° 26' 37.46 W
15,000.00	87.76	3.41	9,999.89	4,870.21	301.51	520,481.08	774,490.18	32° 25' 39.99 N	103° 26' 37.41 W
Projection to Bit @ 15000' MD - PBHL (Squeeze 2 State 2BS Com 4H) - BHL (Squeeze 2 State 2BS Com 4H)									

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
9,105.01	9,085.97	-278.74	272.20	Hard Line Crossing 1 @ 9105' MD	
9,578.52	9,556.76	-278.54	299.55	Hard Line Crossing 2 @ 9579' MD	
15,000.00	9,999.89	4,870.21	301.51	Projection to Bit @ 15000' MD	

Intent ☐ As Drilled ☒

API # 30-025-49710		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: SQUEEZE 2 STATE COM	Well Number 4H

Kick Off Point (KOP)

UL N	Section 2	Township 22S	Range 34E	Lot	Feet 83	From N/S SOUTH	Feet 1495	From E/W WEST	County LEA
Latitude 32.4137039					Longitude 103.4443753			NAD 83	

First Take Point (FTP)

UL N	Section 2	Township 22S	Range 34E	Lot	Feet 467	From N/S SOUTH	Feet 1527	From E/W WEST	County LEA
Latitude 32.4147578					Longitude 103.4442682			NAD 83	

Last Take Point (LTP)

UL	Section 2	Township 22S	Range 34E	Lot 3	Feet 142	From N/S NORTH	Feet 1534	From E/W WEST	County LEA
Latitude 32.4277914					Longitude 103.4442151			NAD 83	

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 # 30-025-49156		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: SQUEEZE 2 STATE COM	Well Number 1H

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. 30-025-49710
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator EARTHSTONE OPERATING, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 1400 WOODLOCH FOREST DR., SUITE 300 THE WOODLANDS, TX 77380		7. Lease Name or Unit Agreement Name SQUEEZE 2 STATE COM
4. Well Location Unit Letter M : 380 feet from the SOUTH line and 1205 feet from the WEST line Section 2 Township 22S Range 34E NMPM County LEA		8. Well Number 4H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3572'GR		9. OGRID Number 372137
		10. Pool name or Wildcat OJO CHISO; BONE SPRING (96553)

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

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

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.

11/09/2022-TIH; RUN CBL W/EST TOC @ 2,270' MD

11/15/2022-SET CBP @ 14,970' MD; PRESSURE TEST 5.5" PROD CSG TO 9500 PSI, 30 MIN, GOOD TEST

-PERFORATE STAGE 1 @ 14,960' - 14,798'

11/16-11/30/2022-PERFORATE STAGE 2-27 @ 14,780' - 10,210'

-FRACTURE ALL STAGES W/643 BBLS HCl + 245,084 BBLS SW W/7,910,399# 100 MESH + 4,260,898# 40/70

12/02-12/04/2022-DRILL OUT

01/06/2023-BEGIN FLOWBACK; 1ST PRODUCTION

Spud Date:

08/14/2022

Rig Release Date:

09/30/2022

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 03/07/2021
Type or print name JENNIFER ELROD E-mail address: JELROD@EARTHSTONEENERGY.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										
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)								5. Lease Name or Unit Agreement Name SQUEEZE 2 STATE COM		
								6. Well Number: 4H		
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 OJO CHISO; BONE SPRING			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	M	2	22S	34E		380	S	1205	W	LEA
BH:	C	2	22S	34E		103	N	1536	W	LEA
13. Date Spudded 08/14/2022	14. Date T.D. Reached 09/28/2022		15. Date Rig Released 09/30/2022			16. Date Completed (Ready to Produce) 01/06/2023		17. Elevations (DF and RKB, RT, GR, etc.) 3572		
18. Total Measured Depth of Well 15,000			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 10,210 - 14,960 OJO CHISO; BONE SPRING										
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# J-55		1743		17-1/2		1165sxs Class C		
9-5/8		40# J-55 & HCL-80		5608		12-1/4		1400 sxs Class C		
5-1/2		20# VARN HCP110		14,985		7-7/8		1415 sxs Class C		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 10,210'-14,960'; size 0.42; #17,140						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,210'-14,960'		FRACTURE ALL STAGES W/643 BBLs HCl + 245,084 BBLs SW W/7,910,399# 100 MESH + 4,260,898# 40/70		
28. PRODUCTION										
Date First Production 01/06/2023		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOW				Well Status (Prod. or Shut-in) PROD				
Date of Test 01/21/2023	Hours Tested 24	Choke Size 52	Prod'n For Test Period	Oil - Bbl 1723	Gas - MCF 2133	Water - Bbl. 2020	Gas - Oil Ratio			
Flow Tubing Press.	Casing Pressure 575	Calculated 24-Hour Rate	Oil - Bbl. 1723	Gas - MCF 2133	Water - Bbl. 2020	Oil Gravity - API - (Corr.) 40.8				
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 Printed _____ Signature <i>Deborah Marberry</i> Name DEBORAH MARBERRY Title SR. REGULATORY Date 05/19/2023 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 CHERRY 5836	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 3765	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 8437	T. Todilto	
T. Abo	T. CAPITAN REEF 4039	T. Entrada	
T. Wolfcamp	T. BRUSHY CANYON 7066	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

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

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

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

No. 3. from to feet

From	To	Thickness In Feet	Lithology

Updated: 05/19/2023

Geological							
MD	Tops	Hole Size		Casing	Cement	OH Evaluation/Logs	
1,000	1,685 RUSTLER	17-1/2	1743	Surface 13-3/8 54.5# J-55	745sks Class C 2.57 YIELD TAIL 420sks Class C 1.34 YIELD		
2,000	2,170 SALADO						
3,000'							
3,765 YATES		12-1/4"		Intermediate 9-5/8"40# J-55	Lead 2.8 YIELD 250 sks Class C Tail 1.32 YIELD 200 s Class C	NA	
4,000'	4,039 CAPITAN REEF				STAGE 2 2.17 YIELD sks Class C 1.32 yield sks Class C		
5,000'		7-7/8" Lateral	5608	Production 5-1/2" 20# P110	Lead 3.05 YIELD 730 sks Class H Tail 1.93 YIELD 685 sks Class H	NA	
5,836 CHERRY CANYON							
6,000'							
7,000'	7,066 BRUSHY CANYON						
8,000'							
8,437 BONE SPRING							
9,000'							
10,000'							

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 219053

ACKNOWLEDGMENTS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 219053
	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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CONDITIONS

Action 219053

CONDITIONS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 219053
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	Please submit CBL Well Log (s) as documented on the C-103 Completion Sundry and submit as [UF-WL] EP Well Log Submission.	1/29/2025