

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EARTHSTONE OPERATING, LLC 1400 WOODLOCH FOREST DRIVE, SUITE 300 THE WOODLANDS, TX 77380		² OGRID Number 331165	
		³ Reason for Filing Code/ Effective Date NW-12/07/2022	
⁴ API Number 30 - 025-50018	⁵ Pool Name TEAS; BONE SPRING		⁶ Pool Code 58960
⁷ Property Code 333148	⁸ Property Name JADE 34-3 FED COM 1BS		⁹ Well Number 10H

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
C	34	19S	33E		270	NORTH	1345	WEST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	3	20S	33E		104	SOUTH	1873	WEST	LEA
¹² Lse Code F	¹³ Producing Method F 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
330257	DLK Black River Midstream, LLC	G
20667	SHELL PIPELINE CORPORATION	O

IV. Well Completion Data

²¹ Spud Date 05/08/2022	²² Ready Date 12/07/2022	²³ TD MD/ 19,469'	²⁴ PBTD 19,467	²⁵ Perforations 19,440'-9,416'	²⁶ DHC, MC R-21681-A Compulsory Pooling
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
26"		20", 94#, J-55		1,318'	2265
17.5"		13.375", 54.5#, J-55		3,255'	2165
12.25"		9.625", 40# HCL-80		5,325'	1700
8.75"		5.5", 20#, P-110		19,469'	3240

V. Well Test Data

³¹ Date New Oil 12/07/2022	³² Gas Delivery Date 12/07/2022	³³ Test Date 04/11/2023	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 320
³⁷ Choke Size 64/64	³⁸ Oil 1408	³⁹ Water 3204	⁴⁰ Gas 1651		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:		
Title: SR. REGULATORY TECH			Title:		
E-mail Address: DMARBERRY@EARTHSTONEENERGY.COM			Approval Date:		
Date: 05/11/2023		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
NW 12/07/22

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-50018	² Pool Code 58960	³ Pool Name TEAS; BONE SPRING
⁴ Property Code 333148	⁵ Property Name JADE 34-3 FED 1BS COM	⁶ Well Number 10H
⁷ OGRID No. 331165	⁸ Operator Name EARTHSTONE OPERATING, LLC	⁹ Elevation 3565

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
C	34	19 S	33 E		270	NORTH	1345	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
N	3	20 S	33 E		104	SOUTH	1873	WEST	LEA

¹² Dedicated Acres 320.12	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-21681-A Compulsory Pooling R-21681-B Amend Existing Orders (AMD)
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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.

	JADE 34-3 FED 1BS COM 10H EL. = 3564' <table border="0"> <tr> <td> GEODETTIC COORDINATES NAD 27 NMSP EAST SURFACE LOCATION N. = 591063.16 E. = 708926.62 LAT. = 32.6231026°N LONG. = 103.6547426°W KICK OFF POINT 54' FNL, 1804' FWL NAD 27 NMSP EAST N. = 591281.76 E. = 709384.43 LAT. = 32.6236954°N LONG. = 103.6532512°W FIRST TAKE POINT 363' FNL, 1824' FWL NAD 27 NMSP EAST N. = 590972.85 E. = 709406.20 LAT. = 32.6228460°N LONG. = 103.6531869°W LAST TAKE POINT 133' FSL, 1868' FWL NAD 27 NMSP EAST N. = 580894.79 E. = 709462.21 LAT. = 32.5951441°N LONG. = 103.6532144°W BOTTOM OF HOLE NAD 27 NMSP EAST N. = 580866.01 E. = 709465.62 LAT. = 32.5950649°N LONG. = 103.6532039°W </td> <td> GEODETTIC COORDINATES NAD 83 NMSP EAST SURFACE LOCATION N. = 591126.05 E. = 750106.76 LAT. = 32.6232248°N LONG. = 103.6552380°W KICK OFF POINT 54' FNL, 1804' FWL NAD 83 NMSP EAST N. = 591344.66 E. = 750564.56 LAT. = 32.6236177°N LONG. = 103.6537466°W FIRST TAKE POINT 363' FNL, 1824' FWL NAD 83 NMSP EAST N. = 591035.74 E. = 750586.34 LAT. = 32.6229682°N LONG. = 103.6536823°W LAST TAKE POINT 133' FSL, 1868' FWL NAD 83 NMSP EAST N. = 580957.39 E. = 750642.64 LAT. = 32.5952664°N LONG. = 103.6537087°W BOTTOM OF HOLE NAD 83 NMSP EAST N. = 580928.62 E. = 750646.05 LAT. = 32.5951873°N LONG. = 103.6536982°W </td> </tr> </table> <table border="0"> <tr> <td> CORNER COORDINATES TABLE NAD 27 NMSP EAST A - N. = 591339.73 E. = 710220.91 B - N. = 591326.20 E. = 707580.94 C - N. = 586866.22 E. = 707590.70 D - N. = 586047.30 E. = 707601.88 E - N. = 583397.98 E. = 707598.13 F - N. = 580748.66 E. = 707594.36 G - N. = 580767.81 E. = 710242.17 H - N. = 586059.94 E. = 710246.22 </td> <td> CORNER COORDINATES TABLE NAD 83 NMSP EAST A - N. = 591402.65 E. = 751401.05 B - N. = 591399.08 E. = 748761.05 C - N. = 588749.03 E. = 748770.88 D - N. = 586110.04 E. = 748782.14 E - N. = 583460.64 E. = 748778.46 F - N. = 580811.25 E. = 748774.77 G - N. = 580830.42 E. = 751422.60 H - N. = 586122.70 E. = 751426.51 </td> </tr> </table>	GEODETTIC COORDINATES NAD 27 NMSP EAST SURFACE LOCATION N. = 591063.16 E. = 708926.62 LAT. = 32.6231026°N LONG. = 103.6547426°W KICK OFF POINT 54' FNL, 1804' FWL NAD 27 NMSP EAST N. = 591281.76 E. = 709384.43 LAT. = 32.6236954°N LONG. = 103.6532512°W FIRST TAKE POINT 363' FNL, 1824' FWL NAD 27 NMSP EAST N. = 590972.85 E. = 709406.20 LAT. = 32.6228460°N LONG. = 103.6531869°W LAST TAKE POINT 133' FSL, 1868' FWL NAD 27 NMSP EAST N. = 580894.79 E. = 709462.21 LAT. = 32.5951441°N LONG. = 103.6532144°W BOTTOM OF HOLE NAD 27 NMSP EAST N. = 580866.01 E. = 709465.62 LAT. = 32.5950649°N LONG. = 103.6532039°W	GEODETTIC COORDINATES NAD 83 NMSP EAST SURFACE LOCATION N. = 591126.05 E. = 750106.76 LAT. = 32.6232248°N LONG. = 103.6552380°W KICK OFF POINT 54' FNL, 1804' FWL NAD 83 NMSP EAST N. = 591344.66 E. = 750564.56 LAT. = 32.6236177°N LONG. = 103.6537466°W FIRST TAKE POINT 363' FNL, 1824' FWL NAD 83 NMSP EAST N. = 591035.74 E. = 750586.34 LAT. = 32.6229682°N LONG. = 103.6536823°W LAST TAKE POINT 133' FSL, 1868' FWL NAD 83 NMSP EAST N. = 580957.39 E. = 750642.64 LAT. = 32.5952664°N LONG. = 103.6537087°W BOTTOM OF HOLE NAD 83 NMSP EAST N. = 580928.62 E. = 750646.05 LAT. = 32.5951873°N LONG. = 103.6536982°W	CORNER COORDINATES TABLE NAD 27 NMSP EAST A - N. = 591339.73 E. = 710220.91 B - N. = 591326.20 E. = 707580.94 C - N. = 586866.22 E. = 707590.70 D - N. = 586047.30 E. = 707601.88 E - N. = 583397.98 E. = 707598.13 F - N. = 580748.66 E. = 707594.36 G - N. = 580767.81 E. = 710242.17 H - N. = 586059.94 E. = 710246.22	CORNER COORDINATES TABLE NAD 83 NMSP EAST A - N. = 591402.65 E. = 751401.05 B - N. = 591399.08 E. = 748761.05 C - N. = 588749.03 E. = 748770.88 D - N. = 586110.04 E. = 748782.14 E - N. = 583460.64 E. = 748778.46 F - N. = 580811.25 E. = 748774.77 G - N. = 580830.42 E. = 751422.60 H - N. = 586122.70 E. = 751426.51	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> 04/25/23 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. DECEMBER 12, 2022 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 JAMES J. JARAMILLO, PLS 12797 SURVEY NO. 9550
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Earthstone Operating, LLC

Lea County, NM (Nad 83 NME)

Jade 34-3 Fed

1BS Com 10H

OH / 69702

Design: Surveys (Scandrill Star)

Standard Survey Report

30 June, 2022





Phoenix Survey Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 1BS Com 10H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3591.50usft (Scandrill Star)
Site:	Jade 34-3 Fed	MD Reference:	RKB @ 3591.50usft (Scandrill Star)
Well:	1BS Com 10H	North Reference:	Grid
Wellbore:	OH / 69702	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Scandrill Star)	Database:	USA Compass

Project	Lea County, NM (Nad 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Jade 34-3 Fed		
Site Position:		Northing:	591,125.00 usft
From:	Map	Easting:	750,020.60 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 37' 23.604476 N
		Longitude:	103° 39' 19.864427 W
		Grid Convergence:	0.365 °

Well	1BS Com 10H		
Well Position	+N/-S	0.00 usft	Northing: 591,125.50 usft
	+E/-W	0.00 usft	Easting: 750,110.70 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 37' 23.603736 N
		Longitude:	103° 39' 18.810913 W
		Ground Level:	3,564.00 usft

Wellbore	OH / 69702		
Magnetics	Model Name	Sample Date	Declination (°)
	MVHD	6/21/2022	6.396
			Dip Angle (°) 60.474
			Field Strength (nT) 47,866.06813689

Design	Surveys (Scandrill Star)		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°) 179.93

Survey Program	Date	6/30/2022		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
157.00	19,469.00	Phoenix MWD Surveys (OH / 69702)	MWD+HRGM	OWSG MWD + HRGM

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.00	0.52	218.45	157.00	-0.56	-0.44	0.56	0.33	0.33	0.00
First Phoenix MWD Survey									
218.00	0.24	141.39	218.00	-0.87	-0.54	0.87	0.86	-0.46	-126.33
277.00	0.09	223.07	277.00	-1.00	-0.49	1.00	0.41	-0.25	138.44
335.00	0.17	223.85	335.00	-1.10	-0.58	1.10	0.14	0.14	1.34
394.00	0.27	256.39	394.00	-1.20	-0.78	1.20	0.26	0.17	55.15
487.00	0.25	279.13	487.00	-1.22	-1.19	1.21	0.11	-0.02	24.45
578.00	0.31	251.13	577.99	-1.26	-1.62	1.26	0.16	0.07	-30.77
670.00	0.31	241.32	669.99	-1.46	-2.07	1.46	0.06	0.00	-10.66
761.00	0.06	148.02	760.99	-1.62	-2.26	1.62	0.35	-0.27	-102.53



Phoenix Survey Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 1BS Com 10H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3591.50usft (Scandrill Star)
Site:	Jade 34-3 Fed	MD Reference:	RKB @ 3591.50usft (Scandrill Star)
Well:	1BS Com 10H	North Reference:	Grid
Wellbore:	OH / 69702	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Scandrill Star)	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)
853.00	0.17	131.50	852.99	-1.75	-2.14	1.75	0.12	0.12	-17.96
947.00	0.25	103.69	946.99	-1.89	-1.83	1.89	0.14	0.09	-29.59
1,042.00	0.25	133.12	1,041.99	-2.09	-1.48	2.08	0.13	0.00	30.98
1,137.00	0.23	291.93	1,136.99	-2.16	-1.50	2.15	0.50	-0.02	167.17
1,226.00	0.34	290.59	1,225.99	-2.00	-1.92	1.99	0.12	0.12	-1.51
1,354.00	0.44	335.03	1,353.99	-1.42	-2.48	1.41	0.24	0.08	34.72
1,386.00	0.48	346.17	1,385.99	-1.18	-2.56	1.17	0.31	0.13	34.81
1,480.00	1.76	44.08	1,479.97	0.24	-1.65	-0.25	1.66	1.36	61.61
1,574.00	3.55	52.33	1,573.86	3.06	1.65	-3.06	1.94	1.90	8.78
1,668.00	4.76	52.67	1,667.61	7.20	7.06	-7.19	1.29	1.29	0.36
1,762.00	5.30	55.75	1,761.25	12.01	13.75	-12.00	0.64	0.57	3.28
1,856.00	6.44	60.78	1,854.76	17.03	21.94	-17.00	1.33	1.21	5.35
1,950.00	6.82	60.51	1,948.13	22.35	31.40	-22.31	0.41	0.40	-0.29
2,044.00	7.22	62.77	2,041.42	27.80	41.51	-27.75	0.52	0.43	2.40
2,139.00	7.94	66.43	2,135.59	33.16	52.83	-33.09	0.91	0.76	3.85
2,233.00	8.49	64.96	2,228.63	38.69	65.07	-38.61	0.63	0.59	-1.56
2,327.00	8.26	68.82	2,321.63	44.07	77.65	-43.97	0.65	-0.24	4.11
2,422.00	8.10	74.61	2,415.66	48.31	90.47	-48.20	0.88	-0.17	6.09
2,516.00	8.12	77.31	2,508.72	51.52	103.33	-51.40	0.41	0.02	2.87
2,610.00	8.70	77.37	2,601.71	54.54	116.74	-54.39	0.62	0.62	0.06
2,705.00	8.66	80.35	2,695.62	57.31	130.80	-57.15	0.48	-0.04	3.14
2,799.00	7.70	83.04	2,788.67	59.26	144.03	-59.08	1.10	-1.02	2.86
2,893.00	6.55	84.59	2,881.94	60.52	155.62	-60.33	1.24	-1.22	1.65
2,987.00	5.16	82.59	2,975.45	61.57	165.15	-61.37	1.49	-1.48	-2.13
3,082.00	5.15	80.83	3,070.06	62.80	173.60	-62.59	0.17	-0.01	-1.85
3,166.00	5.05	79.42	3,153.73	64.08	180.95	-63.86	0.19	-0.12	-1.68
3,266.00	5.36	73.35	3,253.32	66.23	189.75	-66.00	0.63	0.31	-6.07
3,360.00	5.81	72.56	3,346.87	68.91	198.50	-68.67	0.49	0.48	-0.84
3,454.00	6.38	68.37	3,440.34	72.27	207.89	-72.01	0.77	0.61	-4.46
3,548.00	7.09	64.84	3,533.69	76.66	218.00	-76.39	0.87	0.76	-3.76
3,643.00	7.93	64.80	3,627.88	81.94	229.24	-81.66	0.88	0.88	-0.04
3,738.00	8.42	66.28	3,721.91	87.53	241.53	-87.23	0.56	0.52	1.56
3,832.00	9.32	64.37	3,814.79	93.59	254.70	-93.28	1.01	0.96	-2.03
3,926.00	10.21	63.53	3,907.42	100.60	269.02	-100.27	0.96	0.95	-0.89
4,020.00	10.91	62.86	3,999.83	108.37	284.39	-108.02	0.76	0.74	-0.71
4,115.00	11.79	62.43	4,092.97	116.96	301.00	-116.59	0.93	0.93	-0.45
4,208.00	11.97	62.72	4,183.98	125.78	317.99	-125.39	0.20	0.19	0.31
4,302.00	8.66	68.94	4,276.45	132.79	333.26	-132.38	3.71	-3.52	6.62
4,428.00	6.68	76.59	4,401.32	137.90	349.24	-137.47	1.76	-1.57	6.07
4,490.00	5.26	78.95	4,462.98	139.28	355.54	-138.85	2.32	-2.29	3.81
4,585.00	4.99	77.18	4,557.60	141.03	363.84	-140.59	0.33	-0.28	-1.86
4,678.00	5.03	76.93	4,650.25	142.85	371.76	-142.40	0.05	0.04	-0.27
4,773.00	5.08	72.23	4,744.88	145.08	379.82	-144.61	0.44	0.05	-4.95



Phoenix Survey Report



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Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3591.50usft (Scandril Star)
Site:	Jade 34-3 Fed	MD Reference:	RKB @ 3591.50usft (Scandril Star)
Well:	1BS Com 10H	North Reference:	Grid
Wellbore:	OH / 69702	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Scandril Star)	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)
4,868.00	6.17	69.15	4,839.42	148.18	388.60	-147.70	1.19	1.15	-3.24
4,962.00	7.28	64.59	4,932.77	152.53	398.70	-152.04	1.31	1.18	-4.85
5,056.00	8.45	60.69	5,025.89	158.47	410.10	-157.97	1.37	1.24	-4.15
5,151.00	9.50	57.73	5,119.72	166.07	422.82	-165.55	1.21	1.11	-3.12
5,245.00	9.10	61.34	5,212.49	173.78	435.90	-173.25	0.75	-0.43	3.84
5,360.00	9.05	62.08	5,326.05	182.37	451.87	-181.82	0.11	-0.04	0.64
5,482.00	7.89	56.95	5,446.72	191.43	467.37	-190.86	1.13	-0.95	-4.20
5,576.00	5.60	62.45	5,540.06	197.08	476.84	-196.49	2.53	-2.44	5.85
5,670.00	2.92	71.27	5,633.79	199.97	483.18	-199.38	2.93	-2.85	9.38
5,765.00	1.41	81.68	5,728.72	200.91	486.63	-200.32	1.64	-1.59	10.96
5,859.00	0.93	304.23	5,822.72	201.51	487.14	-200.91	2.33	-0.51	-146.22
5,954.00	1.12	311.71	5,917.70	202.56	485.81	-201.97	0.24	0.20	7.87
6,048.00	1.20	311.78	6,011.68	203.83	484.39	-203.24	0.09	0.09	0.07
6,142.00	1.35	307.64	6,105.66	205.16	482.78	-204.57	0.19	0.16	-4.40
6,237.00	1.34	303.23	6,200.63	206.45	480.96	-205.86	0.11	-0.01	-4.64
6,331.00	1.36	300.63	6,294.61	207.62	479.08	-207.04	0.07	0.02	-2.77
6,425.00	1.24	291.22	6,388.58	208.56	477.18	-207.98	0.26	-0.13	-10.01
6,519.00	1.31	281.33	6,482.56	209.14	475.18	-208.56	0.25	0.07	-10.52
6,613.00	1.44	282.34	6,576.53	209.60	472.97	-209.02	0.14	0.14	1.07
6,707.00	1.43	279.01	6,670.50	210.04	470.66	-209.46	0.09	-0.01	-3.54
6,802.00	1.39	282.14	6,765.47	210.47	468.36	-209.89	0.09	-0.04	3.29
6,897.00	1.38	277.84	6,860.45	210.86	466.10	-210.29	0.11	-0.01	-4.53
6,991.00	1.42	287.47	6,954.42	211.37	463.87	-210.80	0.25	0.04	10.24
7,086.00	0.81	294.91	7,049.40	212.00	462.13	-211.44	0.66	-0.64	7.83
7,180.00	0.68	302.60	7,143.39	212.58	461.06	-212.02	0.17	-0.14	8.18
7,274.00	1.08	301.99	7,237.38	213.35	459.84	-212.79	0.43	0.43	-0.65
7,369.00	1.11	304.40	7,332.36	214.35	458.32	-213.79	0.06	0.03	2.54
7,463.00	0.65	271.86	7,426.35	214.88	457.04	-214.32	0.70	-0.49	-34.62
7,557.00	0.57	273.39	7,520.35	214.93	456.04	-214.37	0.09	-0.09	1.63
7,652.00	0.28	69.18	7,615.35	215.04	455.78	-214.48	0.88	-0.31	163.99
7,746.00	0.62	51.12	7,709.34	215.44	456.39	-214.88	0.39	0.36	-19.21
7,841.00	0.63	59.56	7,804.34	216.02	457.24	-215.46	0.10	0.01	8.88
7,935.00	0.61	60.66	7,898.33	216.53	458.13	-215.97	0.02	-0.02	1.17
8,029.00	0.40	32.88	7,992.33	217.05	458.74	-216.49	0.34	-0.22	-29.55
8,124.00	0.23	19.66	8,087.33	217.51	458.98	-216.95	0.19	-0.18	-13.92
8,218.00	0.29	53.08	8,181.33	217.83	459.24	-217.27	0.17	0.06	35.55
8,312.00	0.17	40.66	8,275.32	218.08	459.52	-217.52	0.14	-0.13	-13.21
8,407.00	0.10	260.16	8,370.32	218.17	459.53	-217.61	0.27	-0.07	-147.89
8,501.00	0.43	279.68	8,464.32	218.22	459.10	-217.66	0.36	0.35	20.77
8,595.00	0.89	293.65	8,558.32	218.57	458.08	-218.01	0.51	0.49	14.86
8,608.00	0.90	299.34	8,571.32	218.66	457.90	-218.10	0.69	0.08	43.77
8,687.00	1.88	182.32	8,650.30	217.67	457.31	-217.11	3.07	1.24	-148.13
8,781.00	11.94	160.13	8,743.51	206.95	460.56	-206.39	10.88	10.70	-23.61



Phoenix Survey Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 1BS Com 10H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3591.50usft (Scandriill Star)
Site:	Jade 34-3 Fed	MD Reference:	RKB @ 3591.50usft (Scandriill Star)
Well:	1BS Com 10H	North Reference:	Grid
Wellbore:	OH / 69702	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Scandriill Star)	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)
8,875.00	21.23	160.28	8,833.50	181.73	469.63	-181.16	9.88	9.88	0.16
8,969.00	27.26	172.64	8,919.22	144.30	478.14	-143.72	8.35	6.41	13.15
9,064.00	29.08	182.51	9,003.01	99.63	479.92	-99.05	5.26	1.92	10.39
9,158.00	36.40	182.04	9,082.02	48.87	477.92	-48.29	7.79	7.79	-0.50
9,252.00	47.99	179.21	9,151.55	-14.14	477.41	14.73	12.49	12.33	-3.01
9,347.00	60.33	177.49	9,207.07	-90.97	479.71	91.55	13.07	12.99	-1.81
9,441.00	75.31	178.35	9,242.46	-177.71	482.83	178.30	15.96	15.94	0.91
9,488.00	83.24	180.45	9,251.20	-223.84	483.30	224.43	17.43	16.87	4.47
9,586.00	90.95	181.86	9,256.16	-321.62	481.33	322.21	8.00	7.87	1.44
9,680.00	91.48	180.79	9,254.17	-415.57	479.15	416.16	1.27	0.56	-1.14
9,775.00	91.62	179.13	9,251.60	-510.53	479.22	511.12	1.75	0.15	-1.75
9,869.00	91.18	178.54	9,249.30	-604.49	481.13	605.07	0.78	-0.47	-0.63
9,964.00	90.84	177.81	9,247.63	-699.42	484.15	700.01	0.85	-0.36	-0.77
10,058.00	90.95	178.77	9,246.16	-793.37	486.96	793.96	1.03	0.12	1.02
10,152.00	91.40	177.87	9,244.23	-887.31	489.71	887.90	1.07	0.48	-0.96
10,246.00	87.68	177.81	9,244.99	-981.22	493.26	981.82	3.96	-3.96	-0.06
10,340.00	87.14	177.53	9,249.23	-1,075.05	497.07	1,075.65	0.65	-0.57	-0.30
10,434.00	88.91	178.45	9,252.47	-1,168.93	500.37	1,169.54	2.12	1.88	0.98
10,529.00	90.98	179.53	9,252.57	-1,263.91	502.04	1,264.52	2.46	2.18	1.14
10,623.00	89.86	180.25	9,251.88	-1,357.90	502.22	1,358.51	1.42	-1.19	0.77
10,714.00	89.86	179.90	9,252.10	-1,448.90	502.10	1,449.51	0.38	0.00	-0.38
10,804.00	87.87	180.46	9,253.88	-1,538.88	501.82	1,539.49	2.30	-2.21	0.62
10,895.00	87.87	179.70	9,257.26	-1,629.82	501.69	1,630.43	0.83	0.00	-0.84
10,986.00	88.77	179.98	9,259.93	-1,720.77	501.95	1,721.39	1.04	0.99	0.31
11,077.00	89.89	180.29	9,261.00	-1,811.77	501.73	1,812.38	1.28	1.23	0.34
11,169.00	90.76	179.96	9,260.47	-1,903.76	501.53	1,904.38	1.01	0.95	-0.36
11,260.00	89.72	178.89	9,260.09	-1,994.76	502.45	1,995.37	1.64	-1.14	-1.18
11,352.00	89.75	179.32	9,260.52	-2,086.74	503.88	2,087.36	0.47	0.03	0.47
11,446.00	89.22	179.93	9,261.36	-2,180.74	504.50	2,181.35	0.86	-0.56	0.65
11,540.00	93.31	182.07	9,259.29	-2,274.67	502.86	2,275.29	4.91	4.35	2.28
11,634.00	94.48	182.37	9,252.90	-2,368.39	499.23	2,368.99	1.28	1.24	0.32
11,728.00	91.76	181.62	9,247.79	-2,462.18	495.96	2,462.78	3.00	-2.89	-0.80
11,822.00	90.00	181.62	9,246.34	-2,556.13	493.30	2,556.73	1.87	-1.87	0.00
11,916.00	89.44	181.28	9,246.80	-2,650.10	490.93	2,650.69	0.70	-0.60	-0.36
12,011.00	89.24	180.71	9,247.90	-2,745.07	489.28	2,745.67	0.64	-0.21	-0.60
12,105.00	88.85	180.20	9,249.46	-2,839.06	488.53	2,839.65	0.68	-0.41	-0.54
12,199.00	88.07	179.40	9,251.99	-2,933.02	488.86	2,933.62	1.19	-0.83	-0.85
12,294.00	89.44	180.73	9,254.05	-3,027.99	488.75	3,028.59	2.01	1.44	1.40
12,388.00	90.08	180.83	9,254.45	-3,121.98	487.47	3,122.58	0.69	0.68	0.11
12,482.00	90.73	181.12	9,253.78	-3,215.97	485.87	3,216.56	0.76	0.69	0.31
12,576.00	91.99	181.05	9,251.55	-3,309.92	484.09	3,310.51	1.34	1.34	-0.07
12,670.00	89.02	180.35	9,250.72	-3,403.90	482.94	3,404.49	3.25	-3.16	-0.74
12,764.00	90.76	180.86	9,250.90	-3,497.89	481.95	3,498.48	1.93	1.85	0.54
12,858.00	89.02	180.42	9,251.09	-3,591.88	480.90	3,592.47	1.91	-1.85	-0.47



Phoenix Survey Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 1BS Com 10H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3591.50usft (Scandril Star)
Site:	Jade 34-3 Fed	MD Reference:	RKB @ 3591.50usft (Scandril Star)
Well:	1BS Com 10H	North Reference:	Grid
Wellbore:	OH / 69702	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Scandril Star)	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)
12,953.00	89.58	179.96	9,252.25	-3,686.87	480.59	3,687.46	0.76	0.59	-0.48
13,047.00	90.36	180.15	9,252.29	-3,780.87	480.50	3,781.46	0.85	0.83	0.20
13,141.00	88.94	179.55	9,252.87	-3,874.87	480.74	3,875.45	1.64	-1.51	-0.64
13,235.00	89.08	178.77	9,254.49	-3,968.84	482.12	3,969.43	0.84	0.15	-0.83
13,330.00	89.69	178.40	9,255.51	-4,063.81	484.46	4,064.40	0.75	0.64	-0.39
13,424.00	90.73	178.32	9,255.17	-4,157.77	487.16	4,158.36	1.11	1.11	-0.09
13,518.00	91.43	177.98	9,253.40	-4,251.70	490.19	4,252.30	0.83	0.74	-0.36
13,612.00	90.28	178.97	9,251.99	-4,345.65	492.69	4,346.25	1.61	-1.22	1.05
13,707.00	90.22	178.60	9,251.58	-4,440.63	494.70	4,441.23	0.39	-0.06	-0.39
13,801.00	88.82	180.58	9,252.37	-4,534.62	495.38	4,535.22	2.58	-1.49	2.11
13,895.00	88.60	179.02	9,254.48	-4,628.59	495.71	4,629.19	1.68	-0.23	-1.66
13,989.00	88.63	179.09	9,256.76	-4,722.55	497.26	4,723.16	0.08	0.03	0.07
14,083.00	88.66	178.84	9,258.98	-4,816.51	498.95	4,817.12	0.27	0.03	-0.27
14,178.00	89.41	180.87	9,260.58	-4,911.49	499.19	4,912.10	2.28	0.79	2.14
14,272.00	89.61	180.40	9,261.38	-5,005.48	498.15	5,006.09	0.54	0.21	-0.50
14,366.00	90.14	179.92	9,261.59	-5,099.48	497.89	5,100.08	0.76	0.56	-0.51
14,460.00	90.53	179.35	9,261.04	-5,193.48	498.49	5,194.08	0.73	0.41	-0.61
14,554.00	90.84	180.43	9,259.91	-5,287.47	498.67	5,288.07	1.20	0.33	1.15
14,649.00	91.32	180.07	9,258.12	-5,382.45	498.25	5,383.05	0.63	0.51	-0.38
14,743.00	91.40	179.22	9,255.89	-5,476.42	498.84	5,477.03	0.91	0.09	-0.90
14,837.00	89.86	179.96	9,254.86	-5,570.41	499.51	5,571.01	1.82	-1.64	0.79
14,932.00	89.41	179.55	9,255.46	-5,665.41	499.91	5,666.01	0.64	-0.47	-0.43
15,026.00	89.30	178.90	9,256.52	-5,759.39	501.19	5,760.00	0.70	-0.12	-0.69
15,120.00	88.99	180.62	9,257.92	-5,853.38	501.58	5,853.98	1.86	-0.33	1.83
15,214.00	90.08	180.55	9,258.69	-5,947.37	500.62	5,947.97	1.16	1.16	-0.07
15,309.00	90.11	178.83	9,258.53	-6,042.36	501.13	6,042.97	1.81	0.03	-1.81
15,403.00	89.97	180.84	9,258.46	-6,136.36	501.40	6,136.96	2.14	-0.15	2.14
15,497.00	89.55	181.17	9,258.86	-6,230.34	499.76	6,230.95	0.57	-0.45	0.35
15,592.00	90.34	180.25	9,258.95	-6,325.33	498.58	6,325.94	1.28	0.83	-0.97
15,686.00	91.40	180.23	9,257.52	-6,419.32	498.18	6,419.92	1.13	1.13	-0.02
15,780.00	89.44	180.97	9,256.83	-6,513.31	497.20	6,513.91	2.23	-2.09	0.79
15,875.00	89.36	180.00	9,257.83	-6,608.30	496.40	6,608.90	1.02	-0.08	-1.02
15,961.00	89.69	181.06	9,258.54	-6,694.29	495.60	6,694.89	1.29	0.38	1.23
16,055.00	90.28	180.91	9,258.57	-6,788.27	493.99	6,788.87	0.65	0.63	-0.16
16,149.00	91.12	180.21	9,257.42	-6,882.26	493.07	6,882.86	1.16	0.89	-0.74
16,244.00	90.67	178.98	9,255.93	-6,977.24	493.74	6,977.84	1.38	-0.47	-1.29
16,338.00	88.66	179.36	9,256.48	-7,071.23	495.10	7,071.83	2.18	-2.14	0.40
16,433.00	87.45	179.17	9,259.71	-7,166.16	496.32	7,166.76	1.29	-1.27	-0.20
16,527.00	87.90	178.37	9,263.52	-7,260.06	498.33	7,260.67	0.98	0.48	-0.85
16,621.00	89.02	179.20	9,266.05	-7,354.01	500.33	7,354.61	1.48	1.19	0.88
16,715.00	90.06	179.41	9,266.80	-7,447.99	501.47	7,448.60	1.13	1.11	0.22
16,809.00	90.34	180.46	9,266.47	-7,541.99	501.57	7,542.60	1.16	0.30	1.12
16,904.00	90.64	180.49	9,265.66	-7,636.99	500.78	7,637.59	0.32	0.32	0.03



Phoenix Survey Report



Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well 1BS Com 10H
Project:	Lea County, NM (Nad 83 NME)	TVD Reference:	RKB @ 3591.50usft (Scandrill Star)
Site:	Jade 34-3 Fed	MD Reference:	RKB @ 3591.50usft (Scandrill Star)
Well:	1BS Com 10H	North Reference:	Grid
Wellbore:	OH / 69702	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (Scandrill Star)	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)
16,998.00	91.74	180.04	9,263.71	-7,730.96	500.35	7,731.57	1.26	1.17	-0.48
17,092.00	90.67	180.57	9,261.73	-7,824.94	499.85	7,825.54	1.27	-1.14	0.56
17,186.00	91.06	180.51	9,260.31	-7,918.92	498.96	7,919.53	0.42	0.41	-0.06
17,281.00	89.38	181.17	9,259.95	-8,013.91	497.57	8,014.51	1.90	-1.77	0.69
17,375.00	88.71	180.86	9,261.51	-8,107.88	495.91	8,108.48	0.79	-0.71	-0.33
17,470.00	88.46	180.36	9,263.86	-8,202.85	494.90	8,203.44	0.59	-0.26	-0.53
17,564.00	88.99	179.51	9,265.95	-8,296.82	495.00	8,297.42	1.07	0.56	-0.90
17,658.00	89.33	180.71	9,267.33	-8,390.81	494.82	8,391.41	1.33	0.36	1.28
17,753.00	88.74	180.10	9,268.93	-8,485.79	494.15	8,486.39	0.89	-0.62	-0.64
17,847.00	90.20	180.65	9,269.80	-8,579.78	493.53	8,580.38	1.66	1.55	0.59
17,941.00	89.86	180.37	9,269.75	-8,673.78	492.70	8,674.38	0.47	-0.36	-0.30
18,036.00	90.76	180.73	9,269.24	-8,768.77	491.79	8,769.37	1.02	0.95	0.38
18,131.00	90.50	179.75	9,268.19	-8,863.76	491.39	8,864.36	1.07	-0.27	-1.03
18,225.00	89.66	178.69	9,268.06	-8,957.75	492.67	8,958.35	1.44	-0.89	-1.13
18,319.00	89.86	179.60	9,268.45	-9,051.74	494.07	9,052.34	0.99	0.21	0.97
18,413.00	89.30	178.79	9,269.14	-9,145.73	495.39	9,146.33	1.05	-0.60	-0.86
18,508.00	91.23	179.80	9,268.70	-9,240.71	496.56	9,241.31	2.29	2.03	1.06
18,602.00	92.13	179.89	9,265.95	-9,334.67	496.81	9,335.27	0.96	0.96	0.10
18,696.00	93.08	179.12	9,261.68	-9,428.57	497.63	9,429.17	1.30	1.01	-0.82
18,790.00	91.43	179.26	9,257.98	-9,522.49	498.95	9,523.09	1.76	-1.76	0.15
18,885.00	89.38	178.85	9,257.31	-9,617.46	500.52	9,618.07	2.20	-2.16	-0.43
18,979.00	90.64	178.07	9,257.29	-9,711.43	503.05	9,712.04	1.58	1.34	-0.83
19,074.00	89.38	177.77	9,257.27	-9,806.36	506.49	9,806.97	1.36	-1.33	-0.32
19,168.00	86.92	176.28	9,260.31	-9,900.18	511.37	9,900.80	3.06	-2.62	-1.59
19,262.00	87.45	175.44	9,264.92	-9,993.82	518.15	9,994.44	1.06	0.56	-0.89
19,356.00	88.40	174.27	9,268.33	-10,087.38	526.57	10,088.01	1.60	1.01	-1.24
19,407.00	88.21	173.25	9,269.84	-10,138.05	532.11	10,138.69	2.03	-0.37	-2.00
Final Phoenix MWD Survey									
19,469.00	88.21	173.25	9,271.77	-10,199.59	539.40	10,200.24	0.00	0.00	0.00
Projection to TD									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
157.00	157.00	-0.56	-0.44	First Phoenix MWD Survey
19,407.00	9,269.84	-10,138.05	532.11	Final Phoenix MWD Survey
19,469.00	9,271.77	-10,199.59	539.40	Projection to TD

Intent ☐ As Drilled ☒

API # 30-025-50018		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: JADE 34-3 FED 1BS COM	Well Number 10H

Kick Off Point (KOP)

UL C	Section 34	Township 19S	Range 33E	Lot	Feet 54	From N/S NORTH	Feet 1804	From E/W WEST	County LEA
Latitude 32.6238177					Longitude 103.6537466				NAD 83

First Take Point (FTP)

UL C	Section 34	Township 19S	Range 33E	Lot	Feet 363	From N/S NORTH	Feet 1824	From E/W WEST	County LEA
Latitude 32.6229682					Longitude 103.6536823				NAD 83

Last Take Point (LTP)

UL N	Section 3	Township 20S	Range 33E	Lot	Feet 133	From N/S SOUTH	Feet 1868	From E/W WEST	County LEA
Latitude 32.5952664					Longitude 103.6537087				NAD 83

Is this well the defining well for the Horizontal Spacing Unit?

☐ NO

Is this well an infill well?

☐ YES

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

API # 30-025-50019		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: JADE 34-3 FED 2BS COM	Well Number 13H

KZ 06/29/2018

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. NMNM097897

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator EARTHSTONE OPERATING LLC

3a. Address 1400 WOODLOCH FOREST DRIVE SUITE 300, 3b. Phone No. (include area code)
(281) 298-42404. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 34/T19S/R33E/NMP

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. JADE 34-3 FED 1BS COM/10H

9. API Well No. 3002550018

10. Field and Pool or Exploratory Area
TEAS/BONE SPRING11. Country or Parish, State
LEA/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☒ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

10/18/2022-TOE PREP; RIH W/CBP @ 19,450' MD

-RUN CBL W/EST TOC@ SURFACE

-SET CBP & PRESSURE TEST 5.5" CSG TO 9500 PSI; 30 MIN; GOOD TEST

-PERFORATE STAGE 1 @ 19,440' - 19,300' MD

10/26-11/08/2022- PERFORATE STAGE 2 -64 @ 19,282' - 9,416' MD

-FRACTURE ALL STAGES W/1524 BBLS HCI + 509,112 BBLS SW W/16,480,758# 100 MESH + 8,804,343# 40/70 SAND

11/27-11/28/2022-DRILL OUT

11/29/2022-TURN WELL OVER TO PRODUCTION

12/07/2022-BEGIN FLOWBACK

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
JENNIFER ELROD / Ph: (817) 953-3728Senior Regulatory Technician
Title

Signature

Date 01/04/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted

Petroleum Engineer
Title01/27/2023
Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CARLSBAD

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NWNW / 270 FNL / 1125 FWL / TWSP: 19S / RANGE: 33E / SECTION: 34 / LAT: 32.623224 / LONG: -103.655939 (TVD: 0 feet, MD: 0 feet)

PPP: NWNW / 100 FNL / 1830 FWL / TWSP: 19S / RANGE: 33E / SECTION: 34 / LAT: 32.623691 / LONG: -103.655435 (TVD: 9246 feet, MD: 9617 feet)

BHL: SESW / 100 FSL / 1830 FWL / TWSP: 20S / RANGE: 33E / SECTION: 3 / LAT: 32.59517 / LONG: -103.655606 (TVD: 9246 feet, MD: 19134 feet)

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
1. WELL API NO. 30-025-50018						2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN				
3. State Oil & Gas Lease No.						5. Lease Name or Unit Agreement Name JADE 34 3 IBS FEDERAL COM				
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)						6. Well Number: 10H				
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 TEAS; BONE SPRING				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	34	19S	33E		270	NORTH	1345	WEST	LEA
BH:	N	3	20S	33E		104	SOUTH	1873	WEST	LEA
13. Date Spudded 05/08/2022	14. Date T.D. Reached 06/29/2022	15. Date Rig Released 07/01/2022			16. Date Completed (Ready to Produce) 12/07/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3565		
18. Total Measured Depth of Well 19469			19. Plug Back Measured Depth 19,467			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run RBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 9416 - 19440							R-21681-A Compulsory Pooling			
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
20		94# J55		1318		26		2265 Class C		
13-3/8		54.5# J55		3255		17-1/2		2165 Class C		
9-5/8		40# HCL-80		5325		12-1/4		1700 Class C		
5-1/2		20# P110		19469		8-3/4		3240 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) 9416 - 19440; Size: 0.42 Total Shots					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					9416-19440		FRACTURE ALL STAGES W/1524 BBLs HCl + 509,112			
							BBLs SW W/16,480,758# 100 MESH + 8,804,343# 40/70			
							SAND			
28. PRODUCTION										
Date First Production 12/07/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PROD				
Date of Test 04/11/2023	Hours Tested 24	Choke Size 64/64	Prod'n For Test Period	Oil - Bbl 1408	Gas - MCF 1651	Water - Bbl. 3204	Gas - Oil Ratio 620			
Flow Tubing Press.	Casing Pressure 320	Calculated 24- Hour Rate	Oil - Bbl. 1408	Gas - MCF 1651	Water - Bbl. 3204	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 05/11/2023		
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 5189	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 3086	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 3175	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 8096	T. Todilto	
T. Abo	T. CAPITAN REEF 3393	T. Entrada	
T. Wolfcamp	T. BRUSHY CANYON 6517	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	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.....

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

MD	Geological Tops	Wellbore Sketch	Hole Size	Casing	Drilling Fluids	Cement	OH Evaluation/Logs
1,000'	1277 Rustler		26"	Surface 20" 94.0# J55 BTC	FW Spud Mud 8.5 - 9.2 ppg 38 - 40 Vis 8 - 10 PV 8 - 10 YP	1.84 YIELD 1465 sks CLASS C Tail 1.33 YIELD 800 sks CLASS C	NA
2,000'	1606 Salado		17-1/2"	Surface 13-3/8" 54.5# J55 BTC	Saturated Brine 10.0 - 10.2 ppg 28 - 32 Vis 1 - 3 PV 1 - 3 YP	1.84 YIELD 1835 sks CLASS C Tail 1.33 YIELD 330 sks CLASS C - SURFACE	NA
3,000'	3,086 Yates 3,175 Seven Rivers 3,393 Capitan Reef		12-1/4"	Intermediate 9-5/8" 40# HCL-80	WBM 9.0 - 9.5 ppg 28 - 32 Vis 15 - 20 PV 8 - 12 YP	Stage 1 2.69 YIELD 355 sks CLASS C Tail 1.33 YIELD 495 sks CLASS C	Stage 2 2.69 YIELD 355 sks CLASS C Tail 1.33 YIELD 495 sks Class C
4,000'							
5,000'	5,189 Cherry Canyon						
6,000'							
7,000'	6,517 Brushy Canyon		8-3/4" to KOP & Curve 8-1/2" Lateral	Production 5-1/2" 20# P110 BTC	& Lateral OBM 9.3 - 9.8 ppg 15 - 20 PV 8 - 12 YP	2.65 YIELD 975 sks CLASS C Tail 1.53 YIELD 2265 sks CLASS C	
8,000'	8,096 Bone Spring						
9,000'							
10,000'							
			Perfs 19,440' 9,416'				
			5.5 - 19,469				
			19,649 MD				

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 216107

ACKNOWLEDGMENTS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 216107
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 216107

CONDITIONS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 216107
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	File 3160-4 within 10 days of BLM Approval.	12/13/2024