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

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

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

[X] AMENDED REPORT
NW- 12/07/2022

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number
EARTHSTONE OPERATING, LLC 1400 WOODLOCH FOREST DRIVE, SUITE 300 THE WOODLANDS, TX 77380	331165
	[3] Reason for Filing Code/ Effective Date NW-12/07/2022

[4] API Number	[5] Pool Name	[6] Pool Code
30 - 025-50019	TEAS; BONE SPRING	58960
[7] Property Code	**[8] Property Name**	**[9] Well Number**
332568	JADE 34-3 2BS FED COM	13H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	34	19S	33E		270	NORTH	1225	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		103	SOUTH	1865	WEST	LEA

[12] Lse Code	[13] Producing Method Code	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	F				

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	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
08/30/2022	12/07/2022	20,330	0 NA	10,238' - 20,300	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
26"	20", 94#, J-55	1,332'	1825
17-1/2"	13-3/8", 61#, J-55	3,280'	1365
12-1/4"	9-5/8", 40# HCL-80 & J-55	5,353'	1445
7-7/8"	5-1/2", 20#, HCP-110	20,327'	2660

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
12/7/22	12/7/22	3/9/23	24		220
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
64/64	1225	3192	818		

[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: Deborah Marberry

Printed name: Deborah Marberry

Title: SR. REGULATORY TECH

E-mail Address: dmarberry@EARTHSTONEENERGY.COM

Date: 05/17/2023

Phone: 281-298-4246 ext. 3091

OIL CONSERVATION DIVISION

Approved by: PATRICIA MARTINEZ

Title: PETROLEUM SPECIALIST

Approval Date: 1/28/2025

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

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-50019	58960	TEAS; BONE SPRING

[4] Property Code	[5] Property Name	[6] Well Number
332568	JADE 34-3 2BS FED COM	13H

[7] OGRID No.	[8] Operator Name	[9] Elevation
331165	EARTHSTONE OPERATING, LLC	3565.5

[10] Surface Location

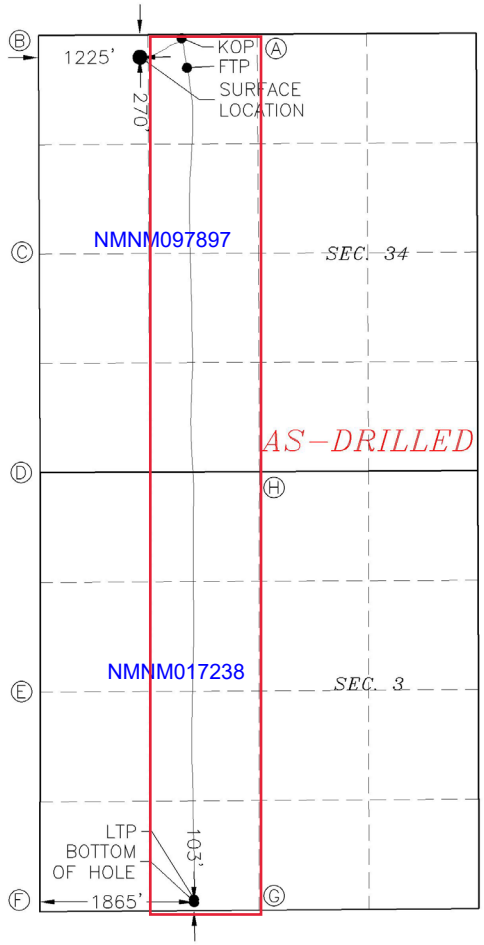
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	19 S	33 E		270	NORTH	1225	WEST	LEA

[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		103	SOUTH	1865	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320.03			

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 2BS COM 13H
EL. = 3565.5'

GEODETIC COORDINATES NAD 27 NMSP EAST	GEODETIC COORDINATES NAD 83 NMSP EAST
SURFACE LOCATION	SURFACE LOCATION
N.= 591062.54	N.= 591125.43
E.= 708806.70	E.= 749986.83
LAT. = 32.6231030°N	LAT. = 32.6232252°N
LONG. = 103.6551321°W	LONG. = 103.6556276°W
KICK OFF POINT	KICK OFF POINT
44' FNL, 1728' FWL	44' FNL, 1728' FWL
NAD 27 NMSP EAST	NAD 83 NMSP EAST
N.= 591290.92	N.= 591351.23
E.= 709309.00	E.= 750488.41
LAT. = 32.6237219°N	LAT. = 32.6238442°N
LONG. = 103.6534960°W	LONG. = 103.6539914°W
FIRST TAKE POINT	FIRST TAKE POINT
401' FNL, 1794' FWL	401' FNL, 1794' FWL
NAD 27 NMSP EAST	NAD 83 NMSP EAST
N.= 590934.57	N.= 590994.80
E.= 709375.63	E.= 750555.07
LAT. = 32.6227413°N	LAT. = 32.6228635°N
LONG. = 103.6532870°W	LONG. = 103.6537824°W
LAST TAKE POINT	LAST TAKE POINT
133' FSL, 1865' FWL	133' FSL, 1865' FWL
NAD 27 NMSP EAST	NAD 83 NMSP EAST
N.= 580894.75	N.= 580952.58
E.= 709458.79	E.= 750638.53
LAT. = 32.5951441°N	LAT. = 32.5952664°N
LONG. = 103.6532255°W	LONG. = 103.6537198°W
BOTTOM OF HOLE	BOTTOM OF HOLE
NAD 27 NMSP EAST	NAD 83 NMSP EAST
N.= 580864.80	N.= 580922.61
E.= 709459.03	E.= 750638.77
LAT. = 32.5950617°N	LAT. = 32.5951841°N
LONG. = 103.6532253°W	LONG. = 103.6537197°W

CORNER COORDINATES TABLE
NAD 27 NMSP EAST

A	N.= 591339.73	E.= 710220.91
B	N.= 591326.20	E.= 707580.94
C	N.= 588686.22	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.= 591389.08	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.

Signature 12/16/2022 Date

JENNIFER ELROD
Printed Name

JELROD@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 9, 2022
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: FILIMON F. JARAMILLO, PLS 12797
SURVEY NO. 9465

PHOENIX
TECHNOLOGY SERVICES

Earthstone Operating, LLC

Lea County, NM (Nad 83 NME)
Jade 34-3 Fed
Jade 34-3 Fed 2BS Com 13H

OH / 70411

Design: Surveys (Scandrill Star)

Standard Survey Report

26 September, 2022

EARTHSTONE
Energy, Inc.

PHOENIX TECHNOLOGY SERVICES

Phoenix

Survey Report

EARTHSTONE Energy, Inc.

Company:	Earthstone Operating, LLC	**Local Co-ordinate Reference:**	Well Jade 34-3 Fed 2BS Com 13H
Project:	Lea County, NM (Nad 83 NME)	**TVD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Site:	Jade 34-3 Fed	**MD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Well:	Jade 34-3 Fed 2BS Com 13H	**North Reference:**	Grid
Wellbore:	OH / 70411	**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	**Latitude:**	32° 37' 23.604476 N
From:	Map	**Easting:**	750,020.60 usft	**Longitude:**	103° 39' 19.864427 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.365 °

Well Jade 34-3 Fed 2BS Com 13H

Well Position	**+N/-S**	0.00 usft	**Northing:**	591,125.43 usft	**Latitude:**	32° 37' 23.610862 N
	+E/-W	0.00 usft	**Easting:**	749,986.83 usft	**Longitude:**	103° 39' 20.259245 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	3,565.50 usft

Wellbore OH / 70411

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	MVHD	9/19/2022	6.374	60.467	47,840.81163320

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)	Direction (°)
	0.00	0.00	0.00	179.93

Survey Program **Date** 9/26/2022

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.10	20,330.00	Phoenix MWD Surveys (OH / 70411)	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
193.00	0.40	354.38	193.00	0.67	-0.07	-0.67	0.21	0.21	0.00
First Phoenix MWD Survey									
314.00	0.46	242.43	314.00	0.87	-0.54	-0.87	0.59	0.05	-92.52
405.00	2.61	199.11	404.96	-1.26	-1.54	1.26	2.52	2.36	-47.60
493.00	2.81	193.55	492.86	-5.25	-2.70	5.25	0.38	0.23	-6.32
589.00	2.49	195.12	588.76	-9.55	-3.80	9.55	0.34	-0.33	1.64
681.00	2.49	197.50	680.67	-13.39	-4.92	13.38	0.11	0.00	2.59
774.00	2.73	194.95	773.58	-17.45	-6.10	17.45	0.29	0.26	-2.74
874.00	2.91	195.49	873.45	-22.20	-7.39	22.19	0.18	0.18	0.54
966.00	2.92	200.44	965.34	-26.65	-8.83	26.64	0.27	0.01	5.38

PHOENIX TECHNOLOGY SERVICES

Phoenix

Survey Report

EARTHSTONE Energy, Inc.

Company:	Earthstone Operating, LLC	**Local Co-ordinate Reference:**	Well Jade 34-3 Fed 2BS Com 13H
Project:	Lea County, NM (Nad 83 NME)	**TVD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Site:	Jade 34-3 Fed	**MD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Well:	Jade 34-3 Fed 2BS Com 13H	**North Reference:**	Grid
Wellbore:	OH / 70411	**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)
1,060.00	2.71	200.51	1,059.22	-30.97	-10.45	30.96	0.22	-0.22	0.07
1,155.00	2.24	211.55	1,154.13	-34.66	-12.21	34.64	0.70	-0.49	11.62
1,249.00	2.13	211.27	1,248.07	-37.72	-14.07	37.70	0.12	-0.12	-0.30
1,438.00	1.72	198.06	1,436.96	-43.42	-16.78	43.39	0.32	-0.22	-6.99
1,533.00	1.14	95.76	1,531.94	-44.87	-16.28	44.85	2.38	-0.61	-107.68
1,627.00	3.28	74.44	1,625.87	-44.24	-12.76	44.22	2.40	2.28	-22.68
1,722.00	5.83	68.79	1,720.56	-41.76	-5.64	41.76	2.72	2.68	-5.95
1,816.00	6.33	64.53	1,814.03	-37.81	3.49	37.81	0.72	0.53	-4.53
1,911.00	6.68	65.00	1,908.42	-33.22	13.23	33.24	0.37	0.37	0.49
2,006.00	7.01	63.82	2,002.74	-28.33	23.44	28.36	0.38	0.35	-1.24
2,100.00	7.46	64.91	2,095.99	-23.21	34.11	23.25	0.50	0.48	1.16
2,195.00	7.91	63.42	2,190.14	-17.67	45.54	17.72	0.52	0.47	-1.57
2,289.00	8.47	65.02	2,283.18	-11.85	57.60	11.92	0.64	0.60	1.70
2,384.00	8.42	69.65	2,377.15	-6.48	70.46	6.56	0.72	-0.05	4.87
2,478.00	9.00	69.10	2,470.07	-1.46	83.79	1.56	0.62	0.62	-0.59
2,573.00	8.71	68.98	2,563.93	3.77	97.44	-3.65	0.31	-0.31	-0.13
2,667.00	9.04	68.98	2,656.81	8.97	110.98	-8.84	0.35	0.35	0.00
2,762.00	8.36	70.19	2,750.72	13.99	124.44	-13.84	0.74	-0.72	1.27
2,856.00	7.62	70.23	2,843.80	18.41	136.74	-18.25	0.79	-0.79	0.04
2,951.00	7.95	69.94	2,937.93	22.80	148.84	-22.61	0.35	0.35	-0.31
3,045.00	7.84	70.86	3,031.04	27.13	161.00	-26.93	0.18	-0.12	0.98
3,140.00	7.90	66.55	3,125.14	31.85	173.11	-31.64	0.62	0.06	-4.54
3,200.00	8.09	66.33	3,184.56	35.19	180.76	-34.97	0.32	0.32	-0.37
3,321.00	8.43	65.23	3,304.30	42.32	196.61	-42.08	0.31	0.28	-0.91
3,416.00	7.75	62.09	3,398.36	48.24	208.59	-47.98	0.85	-0.72	-3.31
3,511.00	6.58	58.91	3,492.61	54.05	218.92	-53.78	1.30	-1.23	-3.35
3,605.00	6.60	59.65	3,585.99	59.56	228.19	-59.28	0.09	0.02	0.79
3,700.00	6.14	60.54	3,680.41	64.81	237.32	-64.52	0.50	-0.48	0.94
3,795.00	5.70	60.62	3,774.90	69.63	245.86	-69.33	0.46	-0.46	0.08
3,889.00	4.71	63.91	3,868.51	73.61	253.39	-73.31	1.10	-1.05	3.50
3,984.00	5.05	63.30	3,963.17	77.21	260.63	-76.89	0.36	0.36	-0.64
4,073.00	5.13	58.70	4,051.82	81.04	267.53	-80.71	0.47	0.09	-5.17
4,168.00	4.83	63.98	4,146.46	85.00	274.75	-84.66	0.58	-0.32	5.56
4,263.00	5.10	66.97	4,241.10	88.40	282.23	-88.06	0.39	0.28	3.15
4,357.00	5.80	65.65	4,334.68	92.00	290.41	-91.64	0.76	0.74	-1.40
4,452.00	4.89	58.90	4,429.26	96.07	298.25	-95.70	1.16	-0.96	-7.11
4,547.00	4.46	54.28	4,523.95	100.32	304.71	-99.94	0.60	-0.45	-4.86
4,641.00	5.06	51.75	4,617.62	105.02	310.94	-104.64	0.68	0.64	-2.69
4,736.00	5.80	53.19	4,712.20	110.49	318.07	-110.10	0.79	0.78	1.52
4,831.00	6.91	51.89	4,806.61	116.89	326.41	-116.49	1.18	1.17	-1.37
4,926.00	7.10	52.25	4,900.90	124.01	335.55	-123.60	0.21	0.20	0.38
5,020.00	8.31	53.62	4,994.05	131.60	345.61	-131.17	1.30	1.29	1.46
5,115.00	6.48	63.96	5,088.26	138.02	355.96	-137.59	2.37	-1.93	10.88

PHOENIX TECHNOLOGY SERVICES

Phoenix

Survey Report

EARTHSTONE Energy, Inc.

Company:	Earthstone Operating, LLC	**Local Co-ordinate Reference:**	Well Jade 34-3 Fed 2BS Com 13H
Project:	Lea County, NM (Nad 83 NME)	**TVD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Site:	Jade 34-3 Fed	**MD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Well:	Jade 34-3 Fed 2BS Com 13H	**North Reference:**	Grid
Wellbore:	OH / 70411	**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)
5,209.00	6.57	65.54	5,181.65	142.58	365.62	-142.13	0.21	0.10	1.68
5,304.00	7.30	67.96	5,275.96	147.09	376.16	-146.63	0.83	0.77	2.55
5,380.00	7.77	69.04	5,351.30	150.74	385.43	-150.27	0.65	0.62	1.42
5,488.00	7.06	66.82	5,458.40	155.97	398.35	-155.48	0.71	-0.66	-2.06
5,583.00	6.34	65.10	5,552.75	160.47	408.47	-159.97	0.79	-0.76	-1.81
5,677.00	5.46	63.87	5,646.25	164.63	417.20	-164.12	0.95	-0.94	-1.31
5,772.00	4.97	65.64	5,740.86	168.32	425.00	-167.80	0.54	-0.52	1.86
5,867.00	6.90	80.35	5,835.35	170.97	434.38	-170.44	2.57	2.03	15.48
5,961.00	6.73	75.32	5,928.68	173.31	445.28	-172.77	0.66	-0.18	-5.35
6,056.00	5.39	73.75	6,023.15	175.97	454.94	-175.42	1.42	-1.41	-1.65
6,151.00	5.04	60.61	6,117.76	179.27	462.86	-178.70	1.31	-0.37	-13.83
6,245.00	5.39	58.75	6,211.37	183.58	470.24	-183.01	0.41	0.37	-1.98
6,340.00	4.50	59.53	6,306.02	187.79	477.26	-187.21	0.94	-0.94	0.82
6,435.00	3.49	56.91	6,400.79	191.26	482.90	-190.67	1.08	-1.06	-2.76
6,530.00	2.42	83.60	6,495.66	193.06	487.31	-192.46	1.81	-1.13	28.09
6,624.00	4.74	59.85	6,589.48	195.23	492.65	-194.63	2.88	2.47	-25.27
6,719.00	4.76	51.40	6,684.15	199.66	499.12	-199.05	0.74	0.02	-8.89
6,813.00	4.29	51.37	6,777.86	204.29	504.91	-203.67	0.50	-0.50	-0.03
6,908.00	4.09	51.13	6,872.60	208.64	510.33	-208.01	0.21	-0.21	-0.25
7,003.00	3.58	48.94	6,967.39	212.71	515.20	-212.08	0.56	-0.54	-2.31
7,097.00	3.69	60.53	7,061.20	216.13	520.05	-215.49	0.79	0.12	12.33
7,192.00	3.52	49.23	7,156.02	219.53	524.92	-218.89	0.77	-0.18	-11.89
7,287.00	1.23	42.68	7,250.93	222.19	527.82	-221.54	2.42	-2.41	-6.89
7,381.00	0.70	51.46	7,344.92	223.29	528.95	-222.64	0.58	-0.56	9.34
7,476.00	0.48	28.06	7,439.91	224.00	529.59	-223.35	0.34	-0.23	-24.63
7,570.00	0.46	19.01	7,533.91	224.71	529.90	-224.06	0.08	-0.02	-9.63
7,665.00	0.54	44.32	7,628.90	225.39	530.34	-224.74	0.24	0.08	26.64
7,759.00	0.68	45.88	7,722.90	226.09	531.05	-225.44	0.15	0.15	1.66
7,854.00	0.49	47.97	7,817.89	226.76	531.75	-226.11	0.20	-0.20	2.20
7,949.00	0.08	117.77	7,912.89	227.00	532.11	-226.35	0.49	-0.43	73.47
8,043.00	2.29	281.22	8,006.87	227.33	530.33	-226.68	2.52	2.35	173.88
8,138.00	1.80	268.61	8,101.81	227.66	526.98	-227.02	0.70	-0.52	-13.27
8,232.00	2.32	277.89	8,195.75	227.89	523.62	-227.25	0.66	0.55	9.87
8,327.00	2.32	273.58	8,290.67	228.27	519.79	-227.64	0.18	0.00	-4.54
8,422.00	2.26	271.86	8,385.59	228.45	516.00	-227.82	0.10	-0.06	-1.81
8,516.00	0.91	234.38	8,479.56	228.08	513.54	-227.45	1.74	-1.44	-39.87
8,611.00	1.33	284.07	8,574.54	227.91	511.86	-227.28	1.07	0.44	52.31
8,705.00	1.97	307.22	8,668.50	229.15	509.51	-228.53	0.97	0.68	24.63
8,800.00	0.79	203.84	8,763.48	229.54	507.95	-228.92	2.41	-1.24	-108.82
8,894.00	1.87	231.61	8,857.46	227.99	506.49	-227.38	1.31	1.15	29.54
8,989.00	2.04	231.90	8,952.40	225.99	503.94	-225.37	0.18	0.18	0.31
9,084.00	1.19	47.92	9,047.39	225.61	503.34	-224.99	3.40	-0.89	185.28
9,178.00	0.89	341.20	9,141.37	226.95	503.83	-226.34	1.25	-0.32	-70.98

PHOENIX TECHNOLOGY SERVICES

Phoenix

Survey Report

EARTHSTONE Energy, Inc.

Company:	Earthstone Operating, LLC	**Local Co-ordinate Reference:**	Well Jade 34-3 Fed 2BS Com 13H
Project:	Lea County, NM (Nad 83 NME)	**TVD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Site:	Jade 34-3 Fed	**MD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Well:	Jade 34-3 Fed 2BS Com 13H	**North Reference:**	Grid
Wellbore:	OH / 70411	**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)
9,273.00	0.51	310.48	9,236.37	227.92	503.27	-227.31	0.55	-0.40	-32.34
9,368.00	0.43	291.71	9,331.36	228.33	502.62	-227.72	0.18	-0.08	-19.76
9,463.00	0.09	206.38	9,426.36	228.40	502.25	-227.78	0.45	-0.36	-89.82
9,510.00	0.44	63.05	9,473.36	228.44	502.40	-227.83	1.10	0.74	-304.96
9,605.00	10.23	168.71	9,567.86	220.32	504.38	-219.70	10.90	10.31	111.22
9,700.00	17.46	162.87	9,660.05	198.39	510.24	-197.77	7.74	7.61	-6.15
9,795.00	24.91	162.48	9,748.56	165.65	520.47	-165.01	7.84	7.84	-0.41
9,890.00	31.14	173.79	9,832.44	122.08	529.17	-121.43	8.59	6.56	11.91
9,984.00	39.93	173.33	9,908.86	67.84	535.31	-67.19	9.36	9.35	-0.49
10,079.00	47.13	170.63	9,977.70	3.12	544.54	-2.46	7.83	7.58	-2.84
10,174.00	59.76	169.13	10,034.17	-71.83	558.00	72.51	13.35	13.29	-1.58
10,269.00	67.28	168.60	10,076.50	-155.20	574.42	155.90	7.93	7.92	-0.56
10,363.00	80.41	171.89	10,102.60	-243.99	589.60	244.71	14.36	13.97	3.50
10,458.00	89.80	172.28	10,110.70	-337.64	602.61	338.37	9.89	9.88	0.41
10,553.00	90.06	172.03	10,110.81	-431.75	615.58	432.50	0.38	0.27	-0.26
10,648.00	88.29	174.12	10,112.18	-526.04	627.03	526.80	2.88	-1.86	2.20
10,742.00	87.56	177.37	10,115.58	-619.70	634.00	620.48	3.54	-0.78	3.46
10,837.00	89.22	180.50	10,118.25	-714.63	635.77	715.41	3.73	1.75	3.29
10,932.00	89.05	180.65	10,119.69	-809.62	634.81	810.39	0.24	-0.18	0.16
11,027.00	88.96	182.52	10,121.34	-904.56	632.19	905.33	1.97	-0.09	1.97
11,122.00	88.85	182.08	10,123.15	-999.47	628.37	1,000.23	0.48	-0.12	-0.46
11,216.00	88.24	181.72	10,125.54	-1,093.39	625.26	1,094.15	0.75	-0.65	-0.38
11,311.00	88.85	183.23	10,127.95	-1,188.26	621.16	1,189.02	1.71	0.64	1.59
11,406.00	87.98	184.22	10,130.58	-1,283.02	614.99	1,283.77	1.39	-0.92	1.04
11,464.00	90.03	184.57	10,131.59	-1,340.84	610.54	1,341.59	3.59	3.53	0.60
11,520.00	90.22	184.31	10,131.47	-1,396.67	606.21	1,397.41	0.58	0.34	-0.46
11,615.00	89.80	182.03	10,131.45	-1,491.52	600.96	1,492.25	2.44	-0.44	-2.40
11,709.00	90.17	180.91	10,131.47	-1,585.49	598.54	1,586.22	1.25	0.39	-1.19
11,804.00	90.14	180.00	10,131.22	-1,680.48	597.79	1,681.21	0.96	-0.03	-0.96
11,898.00	90.22	180.01	10,130.92	-1,774.48	597.78	1,775.21	0.09	0.09	0.01
11,993.00	91.12	180.03	10,129.81	-1,869.48	597.75	1,870.21	0.95	0.95	0.02
12,087.00	90.92	179.78	10,128.14	-1,963.46	597.90	1,964.19	0.34	-0.21	-0.27
12,182.00	91.06	179.92	10,126.50	-2,058.45	598.15	2,059.18	0.21	0.15	0.15
12,277.00	91.79	179.24	10,124.13	-2,153.41	598.85	2,154.14	1.05	0.77	-0.72
12,371.00	91.74	178.58	10,121.24	-2,247.35	600.64	2,248.08	0.70	-0.05	-0.70
12,466.00	92.49	178.69	10,117.73	-2,342.26	602.90	2,342.99	0.80	0.79	0.12
12,561.00	91.85	178.37	10,114.14	-2,437.16	605.33	2,437.90	0.75	-0.67	-0.34
12,655.00	91.01	178.47	10,111.79	-2,531.09	607.92	2,531.83	0.90	-0.89	0.11
12,750.00	90.17	178.46	10,110.81	-2,626.05	610.47	2,626.80	0.88	-0.88	-0.01
12,845.00	87.06	178.22	10,113.11	-2,720.97	613.22	2,721.72	3.28	-3.27	-0.25
12,939.00	86.78	178.14	10,118.16	-2,814.79	616.20	2,815.54	0.31	-0.30	-0.09
13,034.00	85.96	177.78	10,124.17	-2,909.54	619.58	2,910.29	0.94	-0.86	-0.38
13,107.00	85.63	177.53	10,129.53	-2,982.28	622.55	2,983.04	0.57	-0.45	-0.34
13,201.00	86.05	179.62	10,136.34	-3,076.00	624.89	3,076.76	2.26	0.45	2.22

PHOENIX TECHNOLOGY SERVICES

Phoenix

Survey Report

EARTHSTONE Energy, Inc.

Company:	Earthstone Operating, LLC	**Local Co-ordinate Reference:**	Well Jade 34-3 Fed 2BS Com 13H
Project:	Lea County, NM (Nad 83 NME)	**TVD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Site:	Jade 34-3 Fed	**MD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Well:	Jade 34-3 Fed 2BS Com 13H	**North Reference:**	Grid
Wellbore:	OH / 70411	**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)
13,296.00	91.74	180.20	10,138.18	-3,170.94	625.03	3,171.70	6.02	5.99	0.61
13,391.00	92.32	179.21	10,134.81	-3,265.88	625.52	3,266.64	1.21	0.61	-1.04
13,485.00	91.85	178.92	10,131.39	-3,359.80	627.06	3,360.57	0.59	-0.50	-0.31
13,580.00	92.07	178.56	10,128.14	-3,454.73	629.14	3,455.49	0.44	0.23	-0.38
13,675.00	92.44	178.50	10,124.40	-3,549.62	631.58	3,550.39	0.39	0.39	-0.06
13,769.00	91.62	180.11	10,121.07	-3,643.55	632.72	3,644.32	1.92	-0.87	1.71
13,864.00	88.12	181.17	10,121.29	-3,738.53	631.66	3,739.30	3.85	-3.68	1.12
13,958.00	86.67	182.25	10,125.56	-3,832.39	628.86	3,833.15	1.92	-1.54	1.15
14,053.00	87.25	182.01	10,130.60	-3,927.19	625.33	3,927.95	0.66	0.61	-0.25
14,148.00	85.94	181.40	10,136.24	-4,021.97	622.51	4,022.73	1.52	-1.38	-0.64
14,243.00	87.70	182.37	10,141.51	-4,116.77	619.39	4,117.53	2.11	1.85	1.02
14,337.00	88.96	181.61	10,144.25	-4,210.67	616.12	4,211.42	1.57	1.34	-0.81
14,432.00	90.22	181.57	10,144.93	-4,305.63	613.49	4,306.38	1.33	1.33	-0.04
14,527.00	91.71	179.86	10,143.33	-4,400.60	612.30	4,401.35	2.39	1.57	-1.80
14,621.00	92.18	179.58	10,140.14	-4,494.55	612.76	4,495.29	0.58	0.50	-0.30
14,716.00	92.49	178.48	10,136.27	-4,589.45	614.37	4,590.20	1.20	0.33	-1.16
14,811.00	93.05	177.33	10,131.68	-4,684.28	617.84	4,685.03	1.35	0.59	-1.21
14,906.00	91.12	177.04	10,128.22	-4,779.10	622.50	4,779.85	2.05	-2.03	-0.31
15,000.00	90.56	176.28	10,126.84	-4,872.93	627.98	4,873.69	1.00	-0.60	-0.81
15,095.00	89.64	175.13	10,126.68	-4,967.66	635.09	4,968.43	1.55	-0.97	-1.21
15,117.00	89.41	174.14	10,126.86	-4,989.56	637.15	4,990.33	4.62	-1.05	-4.50
15,212.00	90.17	176.26	10,127.21	-5,084.22	645.10	5,085.00	2.37	0.80	2.23
15,307.00	90.53	178.18	10,126.63	-5,179.10	649.70	5,179.89	2.06	0.38	2.02
15,401.00	90.64	180.83	10,125.67	-5,273.08	650.52	5,273.87	2.82	0.12	2.82
15,496.00	90.76	181.81	10,124.51	-5,368.05	648.33	5,368.84	1.04	0.13	1.03
15,591.00	91.34	181.52	10,122.77	-5,462.99	645.57	5,463.78	0.68	0.61	-0.31
15,686.00	91.01	181.08	10,120.82	-5,557.95	643.41	5,558.73	0.58	-0.35	-0.46
15,780.00	91.09	180.10	10,119.10	-5,651.93	642.44	5,652.71	1.05	0.09	-1.04
15,875.00	91.18	180.37	10,117.22	-5,746.91	642.05	5,747.69	0.30	0.09	0.28
15,970.00	90.95	180.04	10,115.45	-5,841.89	641.72	5,842.67	0.42	-0.24	-0.35
16,065.00	91.29	180.10	10,113.59	-5,936.87	641.60	5,937.65	0.36	0.36	0.06
16,159.00	91.09	179.77	10,111.64	-6,030.85	641.71	6,031.63	0.41	-0.21	-0.35
16,254.00	91.15	180.00	10,109.78	-6,125.83	641.90	6,126.61	0.25	0.06	0.24
16,348.00	91.01	178.86	10,108.01	-6,219.81	642.83	6,220.59	1.22	-0.15	-1.21
16,443.00	89.52	180.37	10,107.57	-6,314.80	643.47	6,315.58	2.23	-1.57	1.59
16,538.00	88.60	179.57	10,109.13	-6,409.79	643.52	6,410.57	1.28	-0.97	-0.84
16,632.00	88.77	178.78	10,111.29	-6,503.75	644.87	6,504.53	0.86	0.18	-0.84
16,727.00	87.76	178.14	10,114.16	-6,598.67	647.42	6,599.46	1.26	-1.06	-0.67
16,822.00	89.13	179.52	10,116.74	-6,693.61	649.36	6,694.40	2.05	1.44	1.45
16,917.00	90.22	181.08	10,117.28	-6,788.61	648.87	6,789.39	2.00	1.15	1.64
17,011.00	90.73	180.50	10,116.50	-6,882.59	647.57	6,883.38	0.82	0.54	-0.62
17,106.00	90.73	180.21	10,115.29	-6,977.58	646.98	6,978.37	0.31	0.00	-0.31
17,200.00	91.57	179.82	10,113.41	-7,071.56	646.96	7,072.35	0.99	0.89	-0.41

PHOENIX TECHNOLOGY SERVICES

Phoenix
Survey Report

EARTHSTONE Energy, Inc.

Company:	Earthstone Operating, LLC	**Local Co-ordinate Reference:**	Well Jade 34-3 Fed 2BS Com 13H
Project:	Lea County, NM (Nad 83 NME)	**TVD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Site:	Jade 34-3 Fed	**MD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Well:	Jade 34-3 Fed 2BS Com 13H	**North Reference:**	Grid
Wellbore:	OH / 70411	**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)
17,295.00	90.06	181.98	10,112.05	-7,166.53	645.46	7,167.32	2.77	-1.59	2.27
17,390.00	90.20	182.55	10,111.84	-7,261.46	641.71	7,262.24	0.62	0.15	0.60
17,484.00	90.53	181.87	10,111.24	-7,355.39	638.08	7,356.16	0.80	0.35	-0.72
17,579.00	91.04	181.22	10,109.94	-7,450.34	635.52	7,451.11	0.87	0.54	-0.68
17,673.00	91.65	180.70	10,107.73	-7,544.30	633.95	7,545.07	0.85	0.65	-0.55
17,768.00	92.05	180.91	10,104.66	-7,639.24	632.61	7,640.01	0.48	0.42	0.22
17,862.00	89.30	181.10	10,103.56	-7,733.21	630.97	7,733.98	2.93	-2.93	0.20
17,957.00	89.13	181.38	10,104.86	-7,828.18	628.91	7,828.94	0.34	-0.18	0.29
18,051.00	89.66	180.68	10,105.85	-7,922.16	627.22	7,922.92	0.93	0.56	-0.74
18,146.00	90.59	180.19	10,105.64	-8,017.16	626.50	8,017.92	1.11	0.98	-0.52
18,240.00	87.84	180.55	10,106.93	-8,111.14	625.89	8,111.89	2.95	-2.93	0.38
18,335.00	87.09	180.29	10,111.13	-8,206.04	625.20	8,206.80	0.84	-0.79	-0.27
18,429.00	86.75	179.90	10,116.18	-8,299.90	625.04	8,300.66	0.55	-0.36	-0.41
18,524.00	89.10	179.62	10,119.62	-8,394.83	625.44	8,395.59	2.49	2.47	-0.29
18,618.00	89.10	179.15	10,121.10	-8,488.82	626.45	8,489.58	0.50	0.00	-0.50
18,713.00	89.69	178.42	10,122.10	-8,583.79	628.46	8,584.55	0.99	0.62	-0.77
18,808.00	89.69	177.65	10,122.62	-8,678.73	631.72	8,679.50	0.81	0.00	-0.81
18,902.00	90.11	176.95	10,122.78	-8,772.63	636.15	8,773.40	0.87	0.45	-0.74
18,997.00	90.17	179.91	10,122.55	-8,867.58	638.75	8,868.35	3.12	0.06	3.12
19,092.00	89.44	179.89	10,122.87	-8,962.58	638.92	8,963.35	0.77	-0.77	-0.02
19,186.00	88.66	179.06	10,124.43	-9,056.56	639.78	9,057.33	1.21	-0.83	-0.88
19,281.00	90.64	179.59	10,125.01	-9,151.55	640.90	9,152.32	2.16	2.08	0.56
19,376.00	89.83	179.24	10,124.62	-9,246.54	641.87	9,247.32	0.93	-0.85	-0.37
19,471.00	88.82	178.17	10,125.74	-9,341.51	644.01	9,342.29	1.55	-1.06	-1.13
19,565.00	90.84	178.74	10,126.02	-9,435.47	646.55	9,436.25	2.23	2.15	0.61
19,660.00	90.73	177.93	10,124.72	-9,530.42	649.31	9,531.20	0.86	-0.12	-0.85
19,755.00	89.80	179.55	10,124.28	-9,625.39	651.40	9,626.18	1.97	-0.98	1.71
19,850.00	89.10	179.19	10,125.19	-9,720.38	652.44	9,721.17	0.83	-0.74	-0.38
19,944.00	90.78	180.82	10,125.29	-9,814.37	652.43	9,815.16	2.49	1.79	1.73
20,039.00	91.51	180.27	10,123.39	-9,909.35	651.53	9,910.13	0.96	0.77	-0.58
20,134.00	91.34	179.75	10,121.03	-10,004.32	651.51	10,005.10	0.58	-0.18	-0.55
20,228.00	91.74	179.67	10,118.50	-10,098.28	651.99	10,099.07	0.43	0.43	-0.09
20,269.00	92.61	179.54	10,116.95	-10,139.25	652.27	10,140.04	2.15	2.12	-0.32
Final Phoenix MWD Survey									
20,330.00	92.61	179.54	10,114.17	-10,200.18	652.76	10,200.97	0.00	0.00	0.00
Projection to TD									

PHOENIX TECHNOLOGY SERVICES

Phoenix

Survey Report

EARTHSTONE Energy, Inc.

Company:	Earthstone Operating, LLC	**Local Co-ordinate Reference:**	Well Jade 34-3 Fed 2BS Com 13H
Project:	Lea County, NM (Nad 83 NME)	**TVD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Site:	Jade 34-3 Fed	**MD Reference:**	RKB @ 3593.00usft (Scandrill Star)
Well:	Jade 34-3 Fed 2BS Com 13H	**North Reference:**	Grid
Wellbore:	OH / 70411	**Survey Calculation Method:**	Minimum Curvature
Design:	Surveys (Scandrill Star)	**Database:**	USA Compass

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
193.00	193.00	0.67	-0.07	First Phoenix MWD Survey
20,269.00	10,116.95	-10,139.25	652.27	Final Phoenix MWD Survey
20,330.00	10,114.17	-10,200.18	652.76	Projection to TD

Intent [ ] As Drilled [XX]

API #
30-025-50019

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

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	34	19S	33E		44	NORTH	1728	WEST	LEA

Latitude	Longitude	NAD
32.6238442	103.6539914	83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	34	19S	33E		401	NORTH	1794	WEST	LEA

Latitude	Longitude	NAD
32.6228635	103.6537824	83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	3	20S	33E		133	SOUTH	1865	WEST	LEA

Latitude	Longitude	NAD
32.5952664	103.6537198	83

Is this well the defining well for the Horizontal Spacing Unit? [YES]

Is this well an infill well? [NO]

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

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMNM097897

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No. JADE 34-3 FED 2BS COM/13H

2. Name of Operator EARTHSTONE OPERATING LLC

9. API Well No. 3002550019

3a. Address 1400 WOODLOCH FOREST DRIVE SUITE 300,

3b. Phone No. *(include area code)* (281) 298-4240

10. Field and Pool or Exploratory Area TEAS/BONE SPRING

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* SEC 34/T19S/R33E/NMP

11. 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
	☐ Alter Casing	☑ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ 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 recomplete 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 perfonned 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 recompletion 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.)

10/17/2022-Toe Prep; RIH w/CBP at 20,310' MD
-Run CBL w/est TOC @ Surface
-Pressure test 5.5" prod csg to 9500 psi, 30 min, good test
-Perforate Stage 1 @ 20,300' - 20,138' MD
10/19-11/13/2022- Perforate stages 2-56 @ 20,120' - 10,238' MD
-Fracture all stages w/1357 bbls HCl + 505,886 bbls SW w/16,398,670# 100 Mesh + 8,841,336# 40/70 Sand
11/24-11/26/2022-Drill Out & Circulate Well Clean
11/26/2022-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) 953-3728

Title Senior Regulatory Technician

Signature

Date 02/02/2023

THE SPACE FOR FEDERAL OR STATE OFICE USE

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

Title Petroleum Engineer

Date 01/27/2023

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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand 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 / 1225 FWL / TWSP: 19S / RANGE: 33E / SECTION: 34 / LAT: 32.623224 / LONG: -103.655647 (TVD: 0 feet, MD: 0 feet)

PPP: NWNW / 100 FNL / 400 FWL / TWSP: 19S / RANGE: 33E / SECTION: 34 / LAT: 32.623694 / LONG: -103.658293 (TVD: 9731 feet, MD: 10121 feet)

BHL: SWSW / 100 FSL / 400 FWL / TWSP: 20S / RANGE: 33E / SECTION: 3 / LAT: 32.595168 / LONG: -103.658463 (TVD: 9731 feet, MD: 19764 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. 30-025-50019
2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN
3. State Oil & Gas Lease No.

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: JADE 34 3 2BS FEDERAL COM
6. Well Number: 13H

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:	D	34	19S	33E		270	NORTH	1225	WEST	LEA
BH:	N	3	20S	33E		103	SOUTH	1865	WEST	LEA

13. Date Spudded	14. Date T.D. Reached	15. Date Rig Released	16. Date Completed (Ready to Produce)	17. Elevations (DF and RKB, RT, GR, etc.)
08/30/2022	09/26/2022	09/29/2022	12/07/2022	3565

18. Total Measured Depth of Well	19. Plug Back Measured Depth	20. Was Directional Survey Made?	21. Type Electric and Other Logs Run
20,300	NA	YES	RBL

22. Producing Interval(s), of this completion - Top, Bottom, Name: 10,238' - 20,300 TEAS; BONE SPRING

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	94#, J-55	1,332'	26"	1825sks Class C	
13-3/8"	61#, J-55	3,280'	17-1/2"	1365sks Class C	
9-5/8"	40# HCL-80 & J-55	5,353'	12-1/4"	1445sks Class C	
5-1/2"	20#, HCP-110	20,327'	7-7/8"	2660sks Class H	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number)
10,238' - 20,300; size 0.42; 36228 shots

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10,238' - 20,300	Fracture all stages w/1357 bbls HCl + 505,886 bbls SW w/16,398,670# 100 Mesh + 8,841,336# 40/70 Sand

28. **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
12/07/2022	FLOWING	PROD

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3/9/23	24	64/64		1225	818	3192	667

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
	220		1225	818	3192	

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
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 Deborah Marberry Printed Name Deborah Marberry Title Sr. Reg. Tech Date 05/17/2023

E-mail Address dmarberry@earthstoneenergy.com

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon Cherry 5152	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 3109	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers 3196	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 8064	T.Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

1274 Rustler; 1604 Salado; 3416 Capitan Reef; 6512 Brushy Canyon

OIL OR GAS SANDS OR ZONES

No. 1, from……..……..….to……. No. 3, from……to…….……

No. 2, from……to…… No. 4, from……to……..

IMPORTANT WATER SANDS

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

No. 1, from…….to……feet……

No. 2, from…….to……feet……

No. 3, from…….to……feet……

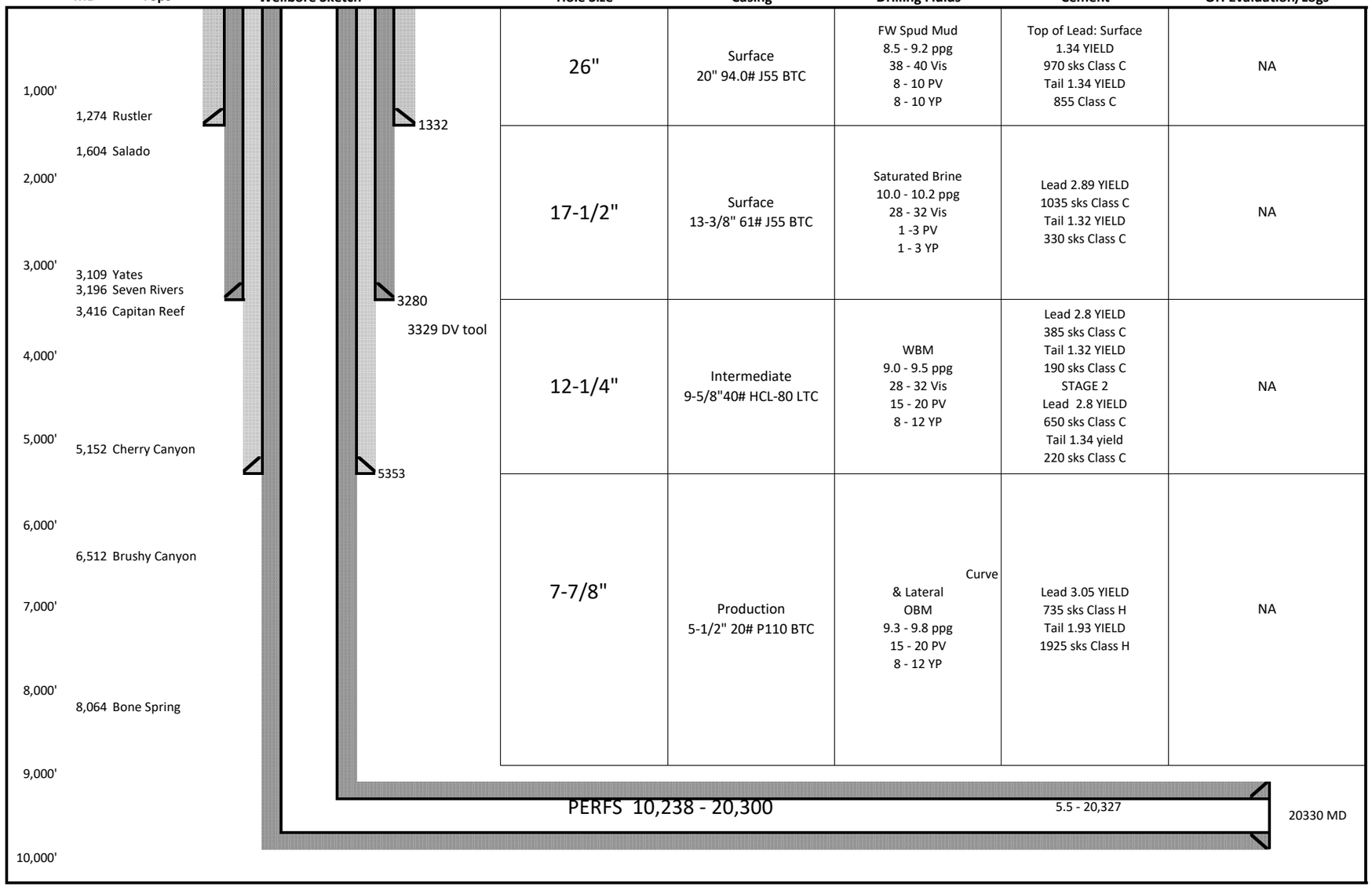
LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology		From	To	Thickness In Feet	Lithology

Jade 34-3 2BS Fed Com 13H

API # 30-025-50019

Updated: 04/26/23



Hole Size	Casing	Drilling Fluids	Cement	OH Evaluation/Logs
26"	Surface 20" 94.0# J55 BTC	FW Spud Mud 8.5 - 9.2 ppg 38 - 40 Vis 8 - 10 PV 8 - 10 YP	Top of Lead: Surface 1.34 YIELD 970 sks Class C Tail 1.34 YIELD 855 Class C	NA
17-1/2"	Surface 13-3/8" 61# J55 BTC	Saturated Brine 10.0 - 10.2 ppg 28 - 32 Vis 1 -3 PV 1 - 3 YP	Lead 2.89 YIELD 1035 sks Class C Tail 1.32 YIELD 330 sks Class C	NA
12-1/4"	Intermediate 9-5/8"40# HCL-80 LTC	WBM 9.0 - 9.5 ppg 28 - 32 Vis 15 - 20 PV 8 - 12 YP	Lead 2.8 YIELD 385 sks Class C Tail 1.32 YIELD 190 sks Class C STAGE 2 Lead 2.8 YIELD 650 sks Class C Tail 1.34 yield 220 sks Class C	NA
7-7/8"	Production 5-1/2" 20# P110 BTC	Curve & Lateral OBM 9.3 - 9.8 ppg 15 - 20 PV 8 - 12 YP	Lead 3.05 YIELD 735 sks Class H Tail 1.93 YIELD 1925 sks Class H	NA

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

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 217609
	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

Operator:	OGRID:
Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	331165
	Action Number: 217609
	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.	1/28/2025
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	1/28/2025