

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

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

Submit one copy to appropriate District Office

☒ AMENDED REPORT
NW 07/12/2022

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Earthstone Operating, LLC 1400 WOODLOCH FOREST DR. STE 300 ATTN: REGULATORY THE WOODLANDS, TX 77380		² OGRID Number 331165
		³ Reason for Filing Code/ Effective Date NW 07/12/22
⁴ API Number 30-025-49681	⁵ Pool Name BUFFALO; BONE SPRING, SOUTHEAST	⁶ Pool Code 8146
⁷ Property Code 332620	⁸ Property Name RAM 2-11 1BS FEDERAL COM	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
A	2	19S	33E		275	NORTH	1275	EAST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	11	19S	33E		81	SOUTH	1814	EAST	LEA
¹² Lse Code F	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
36785	DCP OPERATING COMPANY, LP	GAS
20667	SHELL PIPELINE CORPORATION	OIL

IV. Well Completion Data

²¹ Spud Date 03/01/2022	²² Ready Date 07/12/2022	²³ TD 19445	²⁴ PBTD 19425	²⁵ Perforations 9878 - 19410	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5		13.375	1603		1465 SXS
12.25		9.625	5325		1640 SXS
8.75		5.5	19445		2170 SXS
		2.875	8483		

V. Well Test Data

³¹ Date New Oil 07/13/22	³² Gas Delivery Date 07/13/2022	³³ Test Date 09/03/2022	³⁴ Test Length 24	³⁵ Tbg. Pressure 218	³⁶ Csg. Pressure
³⁷ Choke Size 64/64	³⁸ Oil 987	³⁹ Water 1937	⁴⁰ Gas 847		⁴¹ Test Method FLOW
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Deborah Marberry</i>			OIL CONSERVATION DIVISION Approved by: Title: Approval Date: 		
Printed name: DEBORAH MARBERRY					
Title: SR. REG. TECH					
E-mail Address: dmarberry@earthstoneenergy.com					
Date: 01/31/2023		Phone: 281-298-4246			

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1220 S. St Francis Dr., NM 87505
Phone: (505) 476-3460 Fax (505) 476-3462

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-49681	² Pool Code 8146	³ Pool Name BUFFALO; BONE SPRING, SE
⁴ Property Code 333750	⁵ Property Name RAM 2-11 1BS FED COM	⁶ Well Number #10H
⁷ OGRID No. 331165	⁸ Operator Name EARTHSTONE OPERATING, LLC	⁹ Elevation 3,792'

¹⁰ Surface Location

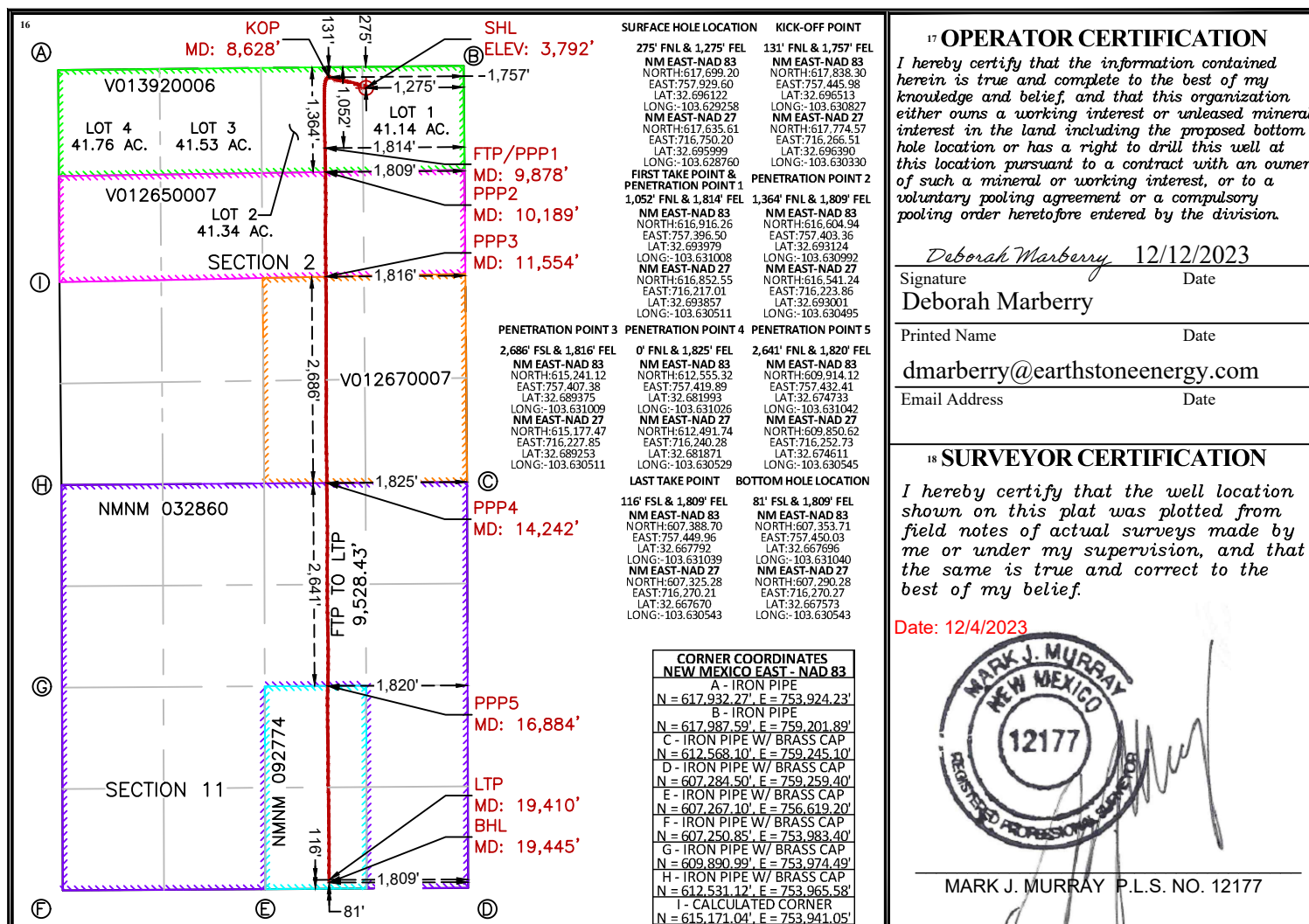
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 1	2	19 S	33 E		275'	NORTH	1,275'	EAST	LEA

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
O	11	19 S	33 E		81'	SOUTH	1,814'	EAST	LEA

¹² Dedicated Acres 324.18	¹³ Joint or Infill I	¹⁴ Consolidation Code	¹⁵ Order No.
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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.





Company: Baker Hughes
 Customer/Operator: Chisholm Energy
 Job Number: 111259832
 API Number: 30025496810000
 Date Range: 3/1/2022 - 4/4/2022
 Rig Name: Scan Star
 Rig Elv/Dat: 3792.00 (ft) / MSL
 Well: Ram 2-11 FED 1BS COM 10H
 Wellbore: Ram 2-11 FED 1BS COM 10H

Ref North: Grid

Tie/ Proj	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Temperature (degF)	True Vertical Depth (ft)	Northing (ft)	Easting (ft)	DLS (deg/100ft)	Vertical Section (ft)	Closure Distance (ft)	Course Length (ft)	Build Rate (deg/100ft)	Turn Rate (deg/100ft)
Tie	0.00	0.00	300.77		0.00	0.00	0.00		0.00		0.00		
	26.00	0.00	300.77		26.00	0.00	0.00	0.00	0.00	0.00	26.00	0.00	0.00
	219.00	0.54	300.77	55.41	219.00	0.47	-0.78	0.28	-0.47	0.91	193.00	0.28	0.00
	282.00	0.88	329.64	58.11	281.99	1.03	-1.28	0.77	-1.04	1.65	63.00	0.54	45.83
	378.00	0.96	325.98	58.11	377.98	2.34	-2.10	0.10	-2.35	3.14	96.00	0.08	-3.81
	473.00	0.84	299.08	63.52	472.97	3.34	-3.16	0.46	-3.35	4.59	95.00	-0.13	-28.32
	567.00	0.44	321.04	66.22	566.96	3.95	-3.99	0.49	-3.97	5.61	94.00	-0.43	23.36
	660.00	0.37	297.03	71.62	659.96	4.37	-4.48	0.20	-4.39	6.25	93.00	-0.08	-25.82
	746.00	0.71	297.04	74.33	745.96	4.73	-5.20	0.40	-4.76	7.03	86.00	0.40	0.01
	840.00	0.75	300.65	74.33	839.95	5.31	-6.25	0.06	-5.35	8.20	94.00	0.04	3.84
	903.00	0.37	298.20	82.44	902.95	5.62	-6.78	0.60	-5.65	8.81	63.00	-0.60	-3.89
	997.00	0.19	52.25	85.14	996.95	5.86	-6.93	0.51	-5.89	9.07	94.00	-0.19	121.33
	1092.00	0.09	75.34	87.84	1091.94	5.97	-6.73	0.12	-6.01	9.00	95.00	-0.11	24.31
	1186.00	0.16	89.24	93.25	1185.94	5.99	-6.53	0.08	-6.03	8.86	94.00	0.07	14.79
	1280.00	0.03	100.57	93.25	1279.94	5.99	-6.37	0.14	-6.02	8.75	94.00	-0.14	12.05
	1375.00	0.10	238.88	95.95	1374.94	5.94	-6.42	0.13	-5.98	8.75	95.00	0.07	145.59
	1469.00	0.04	12.26	98.66	1468.94	5.93	-6.48	0.14	-5.97	8.79	94.00	-0.06	141.89
	1563.00	0.03	127.02	98.66	1562.94	5.95	-6.46	0.06	-5.98	8.78	94.00	-0.01	122.09
	1658.00	0.22	94.60	82.44	1657.94	5.92	-6.25	0.21	-5.95	8.61	95.00	0.20	-34.13
	1752.00	0.45	76.33	85.14	1751.94	5.99	-5.71	0.27	-6.02	8.28	94.00	0.24	-19.44
	1846.00	0.45	75.55	106.77	1845.94	6.17	-5.00	0.01	-6.20	7.94	94.00	0.00	-0.83
	1941.00	0.34	67.51	87.84	1940.94	6.37	-4.38	0.13	-6.40	7.73	95.00	-0.12	-8.46
	2035.00	0.25	56.79	93.25	2034.94	6.59	-3.95	0.11	-6.61	7.68	94.00	-0.10	-11.40
	2130.00	0.13	94.71	95.95	2129.94	6.70	-3.67	0.18	-6.72	7.63	95.00	-0.13	39.92
	2224.00	0.16	51.16	95.95	2223.94	6.77	-3.46	0.12	-6.79	7.60	94.00	0.03	-46.33
	2318.00	0.28	68.50	98.66	2317.93	6.94	-3.14	0.14	-6.95	7.62	94.00	0.13	18.45
	2412.00	0.53	44.53	298.69	2411.93	7.33	-2.62	0.32	-7.34	7.79	94.00	0.27	-25.50
	2506.00	0.68	37.33	104.06	2505.93	8.08	-1.98	0.18	-8.09	8.32	94.00	0.16	-7.66
	2601.00	0.80	47.32	106.77	2600.92	8.98	-1.15	0.19	-8.99	9.06	95.00	0.13	10.52
	2695.00	0.90	45.15	106.77	2694.91	9.95	-0.15	0.11	-9.95	9.95	94.00	0.11	-2.31
	2789.00	0.74	50.17	106.77	2788.90	10.86	0.84	0.19	-10.85	10.89	94.00	-0.17	5.34
	2883.00	0.81	40.59	109.47	2882.89	11.75	1.74	0.16	-11.74	11.88	94.00	0.07	-10.19
	2978.00	0.70	44.32	109.47	2977.88	12.68	2.58	0.13	-12.66	12.94	95.00	-0.12	3.93
	3072.00	0.51	27.15	325.72	3071.88	13.46	3.18	0.28	-13.44	13.83	94.00	-0.20	-18.27
	3166.00	0.31	43.98	104.06	3165.87	14.01	3.54	0.25	-13.99	14.46	94.00	-0.21	17.90
	3261.00	0.35	14.17	114.87	3260.87	14.48	3.79	0.18	-14.46	14.97	95.00	0.04	-31.38
	3355.00	0.36	16.40	117.58	3354.87	15.04	3.95	0.02	-15.02	15.55	94.00	0.01	2.37
	3449.00	0.37	28.77	117.58	3448.87	15.59	4.18	0.08	-15.57	16.14	94.00	0.01	13.16
	3543.00	0.21	19.07	117.58	3542.87	16.02	4.38	0.18	-16.00	16.61	94.00	-0.17	-10.32
	3638.00	0.14	35.69	117.58	3637.87	16.28	4.50	0.09	-16.25	16.89	95.00	-0.07	17.49
	3732.00	0.10	36.98	117.58	3731.87	16.44	4.62	0.04	-16.41	17.07	94.00	-0.04	1.37
	3826.00	0.14	22.30	117.58	3825.87	16.61	4.71	0.05	-16.58	17.27	94.00	0.04	-15.62
	3921.00	0.17	339.80	117.58	3920.87	16.85	4.71	0.12	-16.82	17.49	95.00	0.03	-44.74
	4015.00	0.09	7.22	117.58	4014.87	17.05	4.67	0.11	-17.03	17.68	94.00	-0.09	29.17
	4109.00	0.10	340.31	120.28	4108.87	17.20	4.65	0.05	-17.18	17.82	94.00	0.01	-28.63
	4204.00	0.13	294.59	117.58	4203.87	17.33	4.53	0.10	-17.30	17.91	95.00	0.03	-48.13
	4298.00	0.20	285.14	117.58	4297.87	17.41	4.27	0.08	-17.39	17.93	94.00	0.07	-10.05
	4393.00	0.31	312.43	117.58	4392.87	17.63	3.92	0.17	-17.61	18.06	95.00	0.12	28.73
	4487.00	0.29	343.19	117.58	4486.86	18.03	3.66	0.17	-18.01	18.40	94.00	-0.02	32.72
	4581.00	0.25	332.51	117.58	4580.86	18.44	3.50	0.07	-18.42	18.77	94.00	-0.04	-11.36
	4675.00	0.28	258.16	117.58	4674.86	18.57	3.18	0.34	-18.56	18.84	94.00	0.03	-79.10
	4770.00	0.36	299.54	117.58	4769.86	18.67	2.69	0.25	-18.66	18.87	95.00	0.08	43.56
	4864.00	0.36	280.69	117.58	4863.86	18.87	2.15	0.13	-18.86	19.00	94.00	0.00	-20.05



	4959.00	0.37	258.45	117.58	4958.86	18.87	1.55	0.15	-18.86	18.93	95.00	0.01	-23.41
	5053.00	0.34	296.73	117.58	5052.86	18.93	1.01	0.25	-18.93	18.96	94.00	-0.03	40.72
	5147.00	0.39	260.79	258.14	5146.85	19.01	0.44	0.24	-19.00	19.01	94.00	0.05	-38.23
	5241.00	0.47	275.82	117.58	5240.85	18.99	-0.26	0.15	-19.00	19.00	94.00	0.09	15.99
	5287.00	0.42	262.73	120.28	5286.85	18.99	-0.61	0.25	-19.00	19.00	46.00	-0.11	-28.46
	5353.00	0.37	242.15	104.06	5352.85	18.86	-1.04	0.23	-18.87	18.89	66.00	-0.08	-31.18
	5404.00	1.14	248.96	93.25	5403.84	18.60	-1.66	1.52	-18.61	18.68	51.00	1.51	13.35
	5498.00	2.66	252.04	128.39	5497.79	17.59	-4.61	1.62	-17.62	18.19	94.00	1.62	3.28
	5592.00	4.61	290.64	128.39	5591.61	18.25	-10.22	3.22	-18.31	20.92	94.00	2.07	41.06
	5687.00	6.99	288.53	131.09	5686.11	21.44	-19.27	2.51	-21.54	28.83	95.00	2.51	-2.22
	5781.00	9.84	287.03	133.80	5779.09	25.61	-32.38	3.04	-25.78	41.28	94.00	3.03	-1.60
	5875.00	9.86	286.58	133.80	5871.71	30.26	-47.77	0.08	-30.52	56.55	94.00	0.02	-0.48
	5970.00	9.37	286.21	328.42	5965.37	34.74	-63.00	0.52	-35.08	71.94	95.00	-0.52	-0.39
	6064.00	8.31	284.40	133.80	6058.26	38.56	-76.92	1.17	-38.98	86.05	94.00	-1.13	-1.93
	6158.00	9.89	282.02	139.20	6151.07	41.93	-91.40	1.73	-42.43	100.56	94.00	1.68	-2.53
	6252.00	10.08	284.61	139.20	6243.65	45.69	-107.26	0.52	-46.27	116.58	94.00	0.20	2.76
	6346.00	9.28	283.16	141.91	6336.31	49.49	-122.60	0.89	-50.15	132.21	94.00	-0.85	-1.54
	6440.00	8.54	284.13	141.91	6429.17	52.92	-136.74	0.80	-53.66	146.63	94.00	-0.79	1.03
	6534.00	10.78	286.07	144.61	6521.83	57.06	-151.96	2.41	-57.88	162.32	94.00	2.38	2.06
	6629.00	11.12	285.94	144.61	6615.10	62.03	-169.31	0.36	-62.95	180.31	95.00	0.36	-0.14
	6723.00	10.49	285.08	144.61	6707.44	66.75	-186.29	0.69	-67.76	197.88	94.00	-0.67	-0.91
	6817.00	10.29	285.64	144.61	6799.90	71.24	-202.63	0.24	-72.33	214.79	94.00	-0.21	0.60
	6911.00	9.67	285.59	190.56	6892.47	75.62	-218.32	0.66	-76.80	231.05	94.00	-0.66	-0.05
	7005.00	9.90	284.81	306.80	6985.11	79.81	-233.74	0.28	-81.07	246.99	94.00	0.24	-0.83
	7099.00	9.70	283.44	147.31	7077.73	83.72	-249.25	0.33	-85.06	262.94	94.00	-0.21	-1.46
	7193.00	9.65	282.29	147.31	7170.40	87.23	-264.65	0.21	-88.66	278.66	94.00	-0.05	-1.22
	7288.00	9.05	280.51	147.31	7264.13	90.29	-279.78	0.70	-91.80	293.99	95.00	-0.63	-1.87
	7382.00	8.86	278.81	147.31	7356.99	92.75	-294.20	0.35	-94.34	308.48	94.00	-0.20	-1.81
	7476.00	8.19	278.95	147.31	7449.95	94.90	-307.97	0.71	-96.56	322.26	94.00	-0.71	0.15
	7570.00	10.04	279.46	147.31	7542.76	97.29	-322.67	1.97	-99.03	337.02	94.00	1.97	0.54
	7664.00	9.77	279.56	147.31	7635.36	99.96	-338.62	0.29	-101.79	353.06	94.00	-0.29	0.11
	7759.00	8.81	278.87	150.02	7729.11	102.42	-353.75	1.02	-104.33	368.28	95.00	-1.01	-0.73
	7853.00	8.28	278.41	152.72	7822.07	104.52	-367.56	0.57	-106.51	382.13	94.00	-0.56	-0.49
	7947.00	7.05	279.30	150.02	7915.23	106.44	-379.95	1.31	-108.50	394.58	94.00	-1.31	0.95
	8041.00	6.87	296.48	152.72	8008.54	109.88	-390.68	2.21	-111.99	405.83	94.00	-0.19	18.28
	8135.00	6.16	296.97	155.42	8101.93	114.68	-400.20	0.76	-116.84	416.31	94.00	-0.76	0.52
	8229.00	8.44	296.15	152.72	8195.17	120.00	-410.89	2.43	-122.23	428.06	94.00	2.43	-0.87
	8323.00	11.36	288.47	155.42	8287.76	125.98	-425.87	3.40	-128.28	444.11	94.00	3.11	-8.17
	8418.00	11.82	284.79	155.42	8380.83	131.43	-444.15	0.92	-133.83	463.19	95.00	0.48	-3.87
	8512.00	11.52	282.90	152.72	8472.88	135.98	-462.61	0.52	-138.48	482.18	94.00	-0.32	-2.01
	8581.00	10.59	283.57	190.56	8540.60	139.01	-475.49	1.36	-141.58	495.39	69.00	-1.35	0.97
	8662.00	11.67	259.12	122.98	8620.12	139.21	-490.78	5.93	-141.86	510.14	81.00	1.33	-30.19
	8707.00	15.01	234.16	125.69	8663.94	134.93	-499.98	14.63	-137.63	517.87	45.00	7.42	-55.47
	8756.00	19.56	220.24	122.98	8710.73	124.94	-510.43	12.49	-127.70	525.50	49.00	9.29	-28.41
	8801.00	20.00	206.85	122.98	8753.10	112.32	-518.78	10.10	-115.13	530.80	45.00	0.98	-29.76
	8850.00	24.08	197.13	125.69	8798.52	95.28	-525.51	11.14	-98.12	534.08	49.00	8.33	-19.84
	8895.00	27.85	193.83	125.69	8838.98	76.29	-530.73	8.97	-79.16	536.19	45.00	8.38	-7.33
	8944.00	32.12	187.39	120.28	8881.42	52.24	-535.15	10.90	-55.14	537.69	49.00	8.71	-13.14
	8989.00	36.40	183.29	120.28	8918.61	27.03	-537.45	10.80	-29.94	538.13	45.00	9.51	-9.11
	9038.00	42.41	181.42	122.98	8956.45	-4.03	-538.70	12.50	1.11	538.71	49.00	12.27	-3.82
	9083.00	47.79	181.91	122.98	8988.20	-35.88	-539.63	11.98	32.96	540.82	45.00	11.96	1.09
	9132.00	52.29	182.51	122.98	9019.67	-73.40	-541.08	9.23	70.47	546.04	49.00	9.18	1.22
	9177.00	56.17	182.38	128.39	9045.97	-109.87	-542.64	8.63	106.93	553.65	45.00	8.62	-0.29
	9226.00	59.32	180.62	128.39	9072.11	-151.29	-543.71	7.11	148.34	564.37	49.00	6.43	-3.59
	9271.00	62.56	178.98	131.09	9093.97	-190.61	-543.57	7.87	187.67	576.02	45.00	7.20	-3.64
	9320.00	66.61	179.70	131.09	9115.00	-234.86	-543.06	8.37	231.92	591.67	49.00	8.27	1.47
	9365.00	70.63	179.46	133.80	9131.40	-276.75	-542.75	8.95	273.81	609.24	45.00	8.93	-0.53
	9414.00	73.48	179.58	133.80	9146.49	-323.36	-542.36	5.82	320.42	631.44	49.00	5.82	0.24
	9517.00	78.81	179.37	136.50	9171.15	-423.33	-541.45	5.18	420.39	687.29	103.00	5.17	-0.20
	9612.00	84.17	178.78	147.31	9185.20	-517.23	-539.93	5.68	514.30	747.70	95.00	5.64	-0.62
	9706.00	88.74	178.76	163.53	9191.01	-611.01	-537.91	4.86	608.09	814.05	94.00	4.86	-0.02
	9800.00	88.74	178.54	158.12	9193.08	-704.96	-535.70	0.23	702.05	885.40	94.00	0.00	-0.23
	9894.00	88.68	178.73	160.83	9195.20	-798.91	-533.46	0.21	796.01	960.64	94.00	-0.06	0.20
	9988.00	88.83	178.45	104.06	9197.24	-892.86	-531.15	0.34	889.97	1038.90	94.00	0.16	-0.30
	10083.00	88.80	178.91	163.53	9199.20	-987.81	-528.96	0.49	984.93	1120.52	95.00	-0.03	0.48
	10177.00	88.68	178.84	147.31	9201.27	-1081.77	-527.12	0.15	1078.90	1203.36	94.00	-0.13	-0.07
	10271.00	88.55	179.91	155.42	9203.54	-1175.74	-526.09	1.15	1172.87	1288.07	94.00	-0.14	1.14
	10365.00	88.52	179.69	163.53	9205.95	-1269.70	-525.76	0.24	1266.84	1374.25	94.00	-0.03	-0.23
	10460.00	87.50	179.68	174.34	9209.24	-1364.64	-525.24	1.07	1361.78	1462.23	95.00	-1.07	-0.01
	10554.00	87.13	179.48	171.64	9213.65	-1458.54	-524.55	0.45	1455.68	1550.00	94.00	-0.39	-0.21
	10650.00	86.42	179.81	150.02	9219.05	-1554.38	-523.96	0.82	1551.53	1640.32	96.00	-0.74	0.34
	10744.00	88.68	181.49	155.42	9223.07	-1648.28	-525.02	2.99	1645.42	1729.88	94.00	2.40	1.79
	10838.00	89.11	181.27	160.83	9224.88	-1742.24	-527.29	0.51	1739.36	1820.28	94.00	0.46	-0.23
	10933.00	88.83	179.93	160.83	9226.59	-1837.21	-528.28	1.44	1834.33	1911.66	95.00	-0.29	-1.41



	11027.00	89.91	179.65	155.42	9227.62	-1931.21	-527.94	1.19	1928.32	2002.07	94.00	1.15	-0.30
	11120.00	89.78	179.42	166.23	9227.87	-2024.20	-527.18	0.28	2021.32	2091.73	93.00	-0.14	-0.25
	11214.00	89.69	179.48	166.23	9228.31	-2118.20	-526.28	0.12	2115.32	2182.60	94.00	-0.10	0.06
	11308.00	87.23	178.92	160.83	9230.83	-2212.15	-524.97	2.68	2209.27	2273.58	94.00	-2.62	-0.60
	11402.00	87.35	179.70	168.94	9235.28	-2306.03	-523.84	0.84	2303.17	2364.78	94.00	0.13	0.83
	11497.00	88.43	179.68	166.23	9238.78	-2400.97	-523.32	1.14	2398.10	2457.34	95.00	1.14	-0.02
	11596.00	89.29	179.59	158.12	9240.75	-2499.94	-522.69	0.87	2497.08	2554.00	99.00	0.87	-0.09
	11690.00	89.01	179.34	158.12	9242.14	-2593.93	-521.82	0.40	2591.07	2645.90	94.00	-0.30	-0.27
	11784.00	88.95	176.90	166.23	9243.81	-2687.86	-518.73	2.60	2685.01	2737.45	94.00	-0.06	-2.60
	11878.00	89.05	180.36	166.23	9245.45	-2781.80	-516.49	3.68	2778.97	2829.34	94.00	0.11	3.68
	11972.00	89.26	180.06	166.23	9246.84	-2875.79	-516.83	0.39	2872.95	2921.86	94.00	0.22	-0.32
	12068.00	90.00	180.36	158.12	9247.46	-2971.79	-517.18	0.83	2968.95	3016.45	96.00	0.77	0.31
	12162.00	88.34	180.18	163.53	9248.82	-3065.77	-517.63	1.78	3062.93	3109.16	94.00	-1.77	-0.19
	12257.00	88.34	180.12	168.94	9251.57	-3160.73	-517.87	0.06	3157.88	3202.88	95.00	0.00	-0.06
	12351.00	88.37	180.13	168.94	9254.27	-3254.69	-518.08	0.03	3251.84	3295.67	94.00	0.03	0.01
	12445.00	88.43	180.30	171.64	9256.90	-3348.66	-518.43	0.19	3345.80	3388.55	94.00	0.06	0.18
	12539.00	89.72	179.92	171.64	9258.41	-3442.64	-518.61	1.43	3439.79	3481.49	94.00	1.37	-0.40
	12633.00	90.99	179.84	163.53	9257.83	-3536.64	-518.42	1.35	3533.78	3574.43	94.00	1.35	-0.09
	12727.00	90.25	179.88	163.53	9256.81	-3630.63	-518.19	0.79	3627.77	3667.42	94.00	-0.79	0.04
	12821.00	90.12	179.36	163.53	9256.51	-3724.63	-517.56	0.57	3721.77	3760.42	94.00	-0.14	-0.55
	12916.00	90.22	179.38	174.34	9256.23	-3819.62	-516.52	0.11	3816.77	3854.39	95.00	0.11	0.02
	13010.00	89.45	179.94	177.05	9256.50	-3913.62	-515.96	1.01	3910.77	3947.48	94.00	-0.82	0.60
	13104.00	87.81	180.17	179.75	9258.75	-4007.59	-516.05	1.76	4004.74	4040.68	94.00	-1.74	0.24
	13198.00	87.38	179.96	182.45	9262.69	-4101.51	-516.16	0.51	4098.65	4133.86	94.00	-0.46	-0.22
	13292.00	87.38	183.13	179.75	9266.99	-4195.36	-518.69	3.37	4192.49	4227.30	94.00	0.00	3.37
	13386.00	88.65	180.33	179.75	9270.25	-4289.25	-521.52	3.27	4286.37	4320.84	94.00	1.35	-2.98
	13481.00	88.34	178.37	179.75	9272.74	-4384.21	-520.45	2.09	4381.33	4414.99	95.00	-0.33	-2.06
	13575.00	85.44	179.33	179.75	9277.84	-4478.04	-518.56	3.25	4475.17	4507.96	94.00	-3.09	1.02
	13669.00	86.89	179.25	182.45	9284.13	-4571.82	-517.40	1.54	4568.95	4601.00	94.00	1.54	-0.09
	13763.00	88.77	179.16	182.45	9287.69	-4665.74	-516.10	2.00	4662.88	4694.19	94.00	2.00	-0.10
	13857.00	86.89	178.98	182.45	9291.25	-4759.65	-514.57	2.01	4756.80	4787.39	94.00	-2.00	-0.19
	13951.00	85.81	179.16	179.75	9297.23	-4853.45	-513.05	1.16	4850.60	4880.49	94.00	-1.15	0.19
	14046.00	87.35	179.16	179.75	9302.90	-4948.27	-511.66	1.62	4945.43	4974.65	95.00	1.62	0.00
	14140.00	88.49	179.14	179.75	9306.31	-5042.19	-510.27	1.21	5039.36	5067.95	94.00	1.21	-0.02
	14235.00	89.78	181.07	179.75	9307.74	-5137.18	-510.44	2.44	5134.34	5162.47	95.00	1.36	2.03
	14329.00	90.09	179.07	177.05	9307.85	-5231.17	-510.55	2.15	5228.33	5256.03	94.00	0.33	-2.13
	14423.00	89.45	179.13	177.05	9308.23	-5325.16	-509.08	0.68	5322.33	5349.44	94.00	-0.68	0.06
	14518.00	88.89	178.92	179.75	9309.60	-5420.13	-507.46	0.63	5417.31	5443.84	95.00	-0.59	-0.22
	14612.00	88.49	178.91	182.45	9311.75	-5514.09	-505.68	0.43	5511.28	5537.23	94.00	-0.43	-0.01
	14706.00	88.83	179.19	177.05	9313.95	-5608.05	-504.12	0.47	5605.24	5630.67	94.00	0.36	0.30
	14801.00	88.74	178.99	182.45	9315.97	-5703.02	-502.62	0.23	5700.22	5725.13	95.00	-0.09	-0.21
	14895.00	88.18	180.67	179.75	9318.49	-5796.98	-502.34	1.88	5794.18	5818.71	94.00	-0.60	1.79
	14989.00	89.11	179.92	182.45	9320.71	-5890.95	-502.82	1.27	5888.15	5912.37	94.00	0.99	-0.80
	15083.00	87.17	179.75	179.75	9323.77	-5984.90	-502.55	2.07	5982.09	6005.96	94.00	-2.06	-0.18
	15177.00	88.12	181.28	177.05	9327.63	-6078.81	-503.39	1.91	6076.00	6099.62	94.00	1.01	1.63
	15272.00	88.31	179.71	179.75	9330.59	-6173.76	-504.21	1.66	6170.94	6194.31	95.00	0.20	-1.65
	15366.00	87.87	180.12	179.75	9333.72	-6267.71	-504.08	0.64	6264.89	6287.94	94.00	-0.47	0.44
	15460.00	87.32	179.80	182.45	9337.66	-6361.62	-504.01	0.68	6358.80	6381.56	94.00	-0.59	-0.34
	15554.00	89.26	179.75	179.75	9340.47	-6455.58	-503.64	2.06	6452.76	6475.19	94.00	2.06	-0.05
	15648.00	89.17	180.00	179.75	9341.76	-6549.57	-503.44	0.28	6546.75	6568.89	94.00	-0.10	0.27
	15743.00	88.98	179.66	182.45	9343.29	-6644.55	-503.15	0.41	6641.73	6663.58	95.00	-0.20	-0.36
	15837.00	88.40	179.79	185.16	9345.44	-6738.53	-502.70	0.63	6735.71	6757.25	94.00	-0.62	0.14
	15931.00	89.23	178.99	182.45	9347.38	-6832.50	-501.70	1.23	6829.69	6850.90	94.00	0.88	-0.85
	16025.00	89.17	178.62	185.16	9348.70	-6926.47	-499.74	0.40	6923.67	6944.48	94.00	-0.06	-0.39
	16120.00	88.55	178.68	179.75	9350.59	-7021.42	-497.50	0.66	7018.63	7039.03	95.00	-0.65	0.06
	16214.00	87.94	178.97	182.45	9353.47	-7115.36	-495.58	0.72	7112.57	7132.60	94.00	-0.65	0.31
	16308.00	87.63	178.79	179.75	9357.10	-7209.27	-493.74	0.38	7206.50	7226.16	94.00	-0.33	-0.19
	16402.00	87.72	179.94	182.45	9360.91	-7303.19	-492.70	1.23	7300.41	7319.79	94.00	0.10	1.22
	16496.00	87.17	179.77	182.45	9365.10	-7397.09	-492.46	0.61	7394.32	7413.47	94.00	-0.59	-0.18
	16590.00	89.08	179.77	185.16	9368.18	-7491.04	-492.09	2.03	7488.27	7507.18	94.00	2.03	0.00
	16667.00	88.43	180.48	171.64	9369.85	-7568.02	-492.25	1.25	7565.24	7584.01	77.00	-0.84	0.92
	16761.00	89.20	181.53	171.64	9371.80	-7661.98	-493.90	1.38	7659.20	7677.88	94.00	0.82	1.12
	16855.00	89.66	182.24	177.05	9372.73	-7755.93	-496.99	0.90	7753.12	7771.83	94.00	0.49	0.76
	16949.00	89.51	181.44	177.05	9373.41	-7849.87	-500.01	0.87	7847.05	7865.78	94.00	-0.16	-0.85
	17047.00	89.48	180.44		9374.27	-7947.86	-501.62	1.02	7945.03	7963.67	98.00	-0.03	-1.02
	17141.00	89.57	179.57	168.94	9375.05	-8041.85	-501.63	0.93	8039.02	8057.48	94.00	0.10	-0.93
	17236.00	89.57	179.71	177.05	9375.77	-8136.85	-501.03	0.15	8134.02	8152.26	95.00	0.00	0.15
	17330.00	89.26	179.91	174.34	9376.73	-8230.84	-500.72	0.39	8228.01	8246.06	94.00	-0.33	0.21
	17425.00	89.42	178.86	177.05	9377.82	-8325.83	-499.70	1.12	8323.00	8340.81	95.00	0.17	-1.11
	17519.00	89.69	179.13	177.05	9378.55	-8419.81	-498.05	0.41	8416.99	8434.53	94.00	0.29	0.29
	17613.00	89.72	178.90	177.05	9379.04	-8513.80	-496.44	0.25	8510.98	8528.26	94.00	0.03	-0.24
	17707.00	88.71	178.40	177.05	9380.32	-8607.76	-494.22	1.20	8604.96	8621.94	94.00	-1.07	-0.53
	17801.00	88.77	179.76	179.75	9382.39	-8701.72	-492.71	1.45	8698.93	8715.66	94.00	0.06	1.45
	17896.00	89.41	179.85	177.05	9383.90	-8796.71	-492.39	0.68	8793.92	8810.48	95.00	0.67	0.09



	17990.00	89.41	179.85	177.05	9384.87	-8890.70	-492.14	0.00	8887.91	8904.31	94.00	0.00	0.00
	18084.00	89.38	180.18	174.34	9385.86	-8984.70	-492.17	0.35	8981.90	8998.17	94.00	-0.03	0.35
	18178.00	89.29	178.70	182.45	9386.95	-9078.68	-491.25	1.58	9075.89	9091.97	94.00	-0.10	-1.57
	18273.00	88.95	178.71	174.34	9388.41	-9173.65	-489.10	0.36	9170.87	9186.68	95.00	-0.36	0.01
	18367.00	91.82	179.36	179.75	9387.78	-9267.62	-487.52	3.13	9264.85	9280.44	94.00	3.05	0.69
	18461.00	88.98	179.62	179.75	9387.12	-9361.61	-486.68	3.03	9358.84	9374.25	94.00	-3.02	0.28
	18564.00	88.86	179.15	160.83	9389.06	-9464.58	-485.58	0.47	9461.82	9477.03	103.00	-0.12	-0.46
	18659.00	88.98	179.45	171.64	9390.85	-9559.56	-484.42	0.34	9556.80	9571.82	95.00	0.13	0.32
	18753.00	88.86	179.16	177.05	9392.63	-9653.54	-483.28	0.33	9650.78	9665.62	94.00	-0.13	-0.31
	18847.00	88.86	179.00	179.75	9394.50	-9747.50	-481.77	0.17	9744.76	9759.40	94.00	0.00	-0.17
	18941.00	89.66	179.93	179.75	9395.71	-9841.49	-480.89	1.30	9838.74	9853.23	94.00	0.85	0.99
	19036.00	89.41	179.90	179.75	9396.48	-9936.49	-480.75	0.27	9933.74	9948.11	95.00	-0.26	-0.03
	19130.00	89.51	180.04	182.45	9397.37	-10030.48	-480.70	0.18	10027.74	10042.00	94.00	0.11	0.15
	19224.00	89.54	179.94	179.75	9398.15	-10124.48	-480.68	0.11	10121.73	10135.88	94.00	0.03	-0.11
	19319.00	89.48	179.89	179.75	9398.96	-10219.48	-480.54	0.08	10216.73	10230.77	95.00	-0.06	-0.05
	19413.00	89.54	179.90	179.75	9399.76	-10313.47	-480.37	0.06	10310.72	10324.65	94.00	0.06	0.01

Intent ☐ As Drilled ☒API #
30-025-49681

Operator Name: EARTHSTONE OPERATING, LLC	Property Name: RAM 2-11 FED 1BS COM	Well Number 10H
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Kick Off Point (KOP)

UL B	Section 2	Township 19S	Range 33E	Lot	Feet 131	From N/S NORTH	Feet 1764	From E/W EAST	County LEA
Latitude 32.696513					Longitude -103.63085			NAD 83	

First Take Point (FTP)

UL B	Section 2	Township 19S	Range 33E	Lot	Feet 1052	From N/S NORTH	Feet 1815	From E/W EAST	County LEA
Latitude 32.69398					Longitude -103.63101			NAD 83	

Last Take Point (LTP)

UL O	Section 11	Township 19S	Range 33E	Lot	Feet 116	From N/S SOUTH	Feet 1814	From E/W EAST	County LEA
Latitude 32.667793					Longitude -103.631041			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 43832

Operator Name: EARTHSTONE OPERATING, LLC	Property Name: BUFFALO WEST 2 STATE COM 2BS	Well Number 5H
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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.
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

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 recompleate 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.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		
	Title	
Signature	Date	

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	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	

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: NENE / 275 FNL / 1275 FEL / TWSP: 19S / RANGE: 33E / SECTION: 2 / LAT: 32.696122 / LONG: -103.629258 (TVD: 0 feet, MD: 0 feet)

PPP: NWNW / 68 FNL / 1810 FEL / TWSP: 19S / RANGE: 33E / SECTION: 11 / LAT: 32.681686 / LONG: -103.63106 (TVD: 9303 feet, MD: 14793 feet)

PPP: NWNW / 100 FNL / 1810 FEL / TWSP: 19S / RANGE: 33E / SECTION: 2 / LAT: 32.696597 / LONG: -103.630998 (TVD: 9184 feet, MD: 9545 feet)

BHL: SWSE / 100 FSL / 1810 FEL / TWSP: 19S / RANGE: 33E / SECTION: 11 / LAT: 32.667748 / LONG: -103.631042 (TVD: 9409 feet, MD: 19484 feet)

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☐ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)						5. Lease Name or Unit Agreement Name RAM 2 -11 IBS FEDERAL COM 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 BUFFALO; BONE SPRING, SOUTHEAST				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	A	2	19S	33E		275	NORTH	1275	EAST	LEA
BH:	O	11	19S	33E		81	SOUTH	1814	EAST	LEA
13. Date Spudded 03/01/2022	14. Date T.D. Reached 04/03/2022		15. Date Rig Released 04/06/2022		16. Date Completed (Ready to Produce) 07/12/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3766			
18. Total Measured Depth of Well 19445			19. Plug Back Measured Depth 19425		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run RBL			
22. Producing Interval(s), of this completion - Top, Bottom, Name 9878 - 19410										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.375		54.5		1603		17.5		1465 sxs Class C		
9.625		40		5325		12.25		1640 sxs Class C		
5.5		20		19425		8.75		2170 sxs Class C		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
					2.875	8483	8467			
26. Perforation record (interval, size, and number) 9878 - 19410; size 0.42 4 spf 36124 total shots					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					9,410' - 19,238' MD		53 STAGES W/1428 BBLS HCl +			
					19,220' - 9878' MD		504,440 BBLS SW W/14,419,430# 100 MESH +			
							7,789,100# 40/70 SAND			
28. PRODUCTION										
Date First Production 07/13/2022		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) FLOWING				Well Status (<i>Prod. or Shut-in</i>) PRODUCING				
Date of Test 09/03/2022	Hours Tested 24	Choke Size 64/64	Prod'n For Test Period 24	Oil - Bbl 987	Gas - MCF 847	Water - Bbl. 1937	Gas - Oil Ratio 858			
Flow Tubing Press. 218	Casing Pressure	Calculated 24-Hour Rate 24	Oil - Bbl. 987	Gas - MCF 847	Water - Bbl. 1937	Oil Gravity - API - (<i>Corr.</i>) 37				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD, VENTED							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 01/31/2023	
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 5389	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 3309	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 8293	T. Todilto	
T. Abo	T. 1st Bone Spring 9305	T. Entrada	
T. Wolfcamp	T. 2nd Bone Spring 9864	T. Wingate	
T. Penn	T. 3rd Bone Spring 10737	T. Chinle	
T. Cisco (Bough C)	T. Wolfcamp 11754	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

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

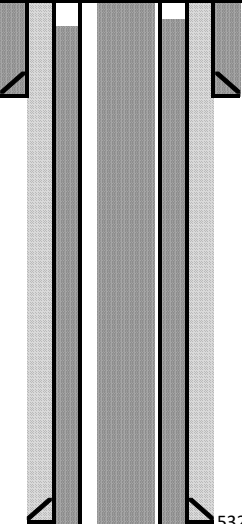
No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Updated:01/18/2023

MD ft-RKB	Geological Tops	Wellbore Sketch	Hole Size	Casing	Drilling Fluids	Cement
2,000'	1385 Rustler 1748 Salado		17-1/2"	Surface 13-3/8" 54.5# J55 BTC	FW Spud Mud Lead 915 sks (274 bbls)65%-35% poz@ 12.80 ppg yield 1.68 mix water 8.74 gps	Top of Lead: Surface 915 sxs 1.68 yield 550 sxs 1.33 yield returns to surface
3,000'						
4,000'	3309 YATES 3787 CAPITAN REEF		12-1/4"	Intermediate 9-5/8"40# J55 LTC	Pump 20 bbl water spacer, Lead 50%-50% Poz. 1270 sks. (642 bbls) @ 11.3 ppg. yield 2.79 mix water 16.23 gps.	Top of Lead: Surface 1270 sxs 2.79 yield 370 sxs 1.33 yield returns to surface
5,000'						
6,000'	5389 CHERRY CANYON					
7,000'						
8,000'	6628 BRUSHY CANYON		8-3/4" to KOP & Curve 8-1/2" Lateral	Production 5-1/2" 20# P110 BTC	40 bbl water spacer OB MR cement 430- (201 bbls)sks. @ 10.50 PPG. Yield 2.63 water 15.20 gps	TOC 680' MD 515 sxs 2.79 yield 1655 sxs 1.53 yield TOC 680
9,000'	8293 BONE SPRING	TBG 8483				
10,000'	9305 1ST BONE SPRING 9864 2ND BONE SPRING					
11,000'	10737 3RD BONE SPRING 11754 WOLFCAMP					
			PERFS 9878' - 19410'			5.5 @ 19425
						19445 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 181422

ACKNOWLEDGMENTS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 181422
	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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 181422

CONDITIONS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 181422
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	1/28/2025