

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EARTHSTONE OPERATING, LLC 1400 WOODLOCH FOREST, STE. 300 THE WOODLANDS, TX 77380		² OGRID Number 331165	
		³ Reason for Filing Code/ Effective Date NW-11/26/2021	
⁴ API Number 30 - 025-48473	⁵ Pool Name WC-025 G-06 S213215A; BONE SPRING		⁶ Pool Code 97921
⁷ Property Code 332492	⁸ Property Name AZTEC 14-23 2BS FEDERAL COM		⁹ Well Number 6H

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
N	11	21S	32E		130	SOUTH	1425	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	23	21S	32E		328	SOUTH	1639	WEST	LEA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 11/27/2021	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372603	3BEAR DELAWARE OPERATING-NM, LLC	GAS
20667	SHELL PIPELINE CORPORATION	OIL

IV. Well Completion Data

²¹ Spud Date 09/01/2021	²² Ready Date 11/27/2021	²³ TD 21,115'MD	²⁴ PBDT 21,091'MD	²⁵ Perforations 20,966' - 11,104'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
26"		20", 94#, J-55	1542'		3080
17.5"		13.375", 54.5#, J-55	3615'		2535
12.25"		9.625", 40#, J-55	5927'		1460
8.75"		5.5", 20#, P-110	21095'		2920

V. Well Test Data

³¹ Date New Oil 11/26/2021	³² Gas Delivery Date 11/26/2021	³³ Test Date 12/30/2021	³⁴ Test Length 24	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 350
³⁷ Choke Size 64/64	³⁸ Oil 1722	³⁹ Water 3115	⁴⁰ Gas 1775		⁴¹ Test Method FLOWING
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: 01/13/2023		Phone:			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

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

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☒ AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-48473	² Pool Code 97921	³ Pool Name WC-025 G-06 S213215A; BONE SPRING
⁴ Property Code 332492	⁵ Property Name AZTEC 14-23 2BS FED COM	⁶ Well Number 6H
⁷ OGRID No. 331165	⁸ Operator Name EARTHSTONE OPERATING, LLC	⁹ Elevation 3846.1

¹⁰ Surface Location

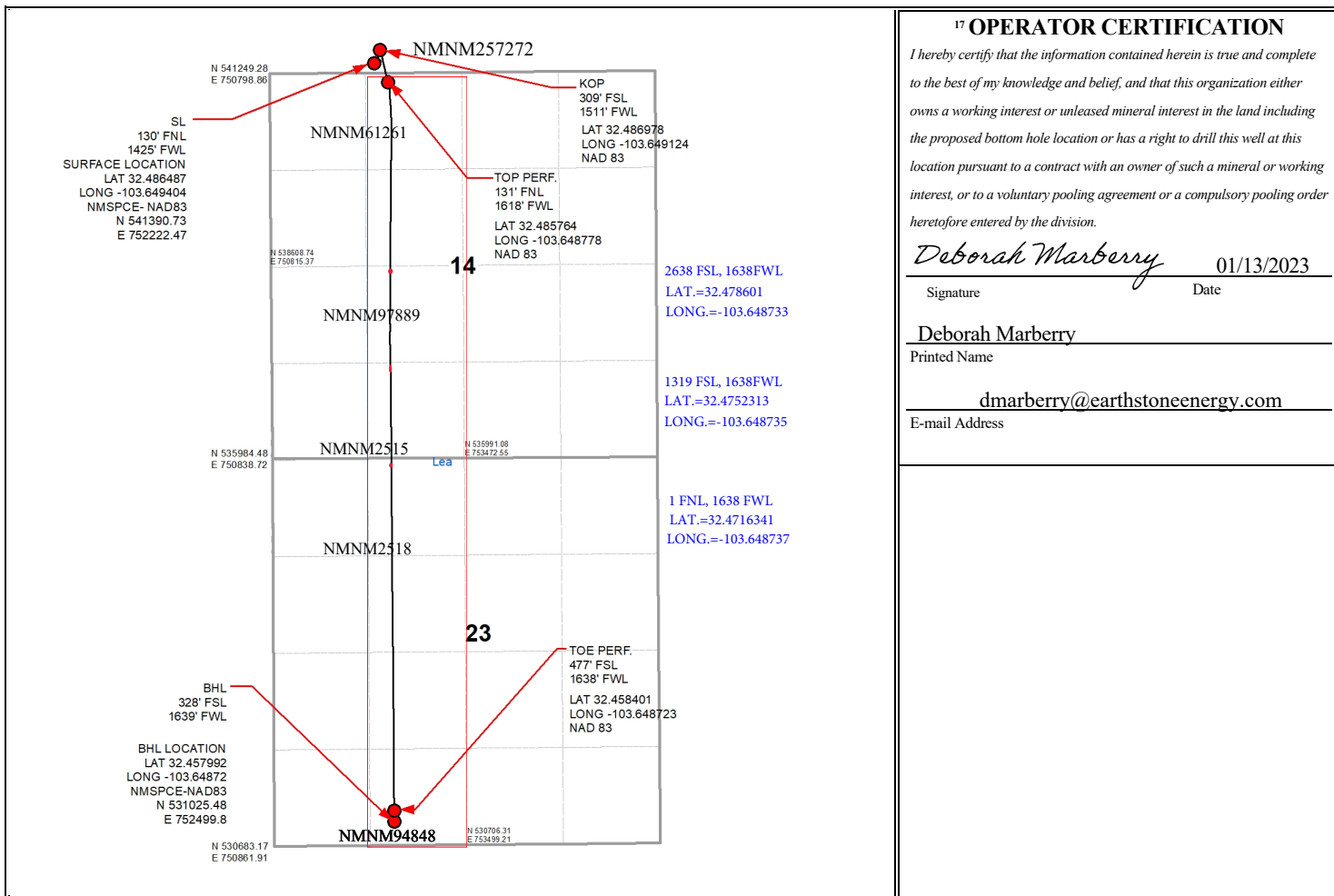
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	11	21 S	32 E		130	SOUTH	1425	WEST	LEA

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	23	21 S	32 E		328	SOUTH	1639	WEST	LEA

¹² Dedicated Acres 320	¹³ Joint or Infill	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.



Schlumberger

Chisholm Aztec 14-23 2BS Fed Com 6H Surveys to 21115' MD Survey

Geodetic Report

(Def Survey)

Report Date: October 05, 2021 - 11:33 AM
Client: Chisholm
Field: NM Lea County (NAD 83)
Structure / Slot: Chisholm Aztec 14-23 2BS Fed Com 6H / Chisholm Aztec 14-23 2BS Fed Com 6H
Well: Chisholm Aztec 14-23 2BS Fed Com 6H
Borehole: Original Borehole
UWI / API#: Unknown / 30-025-48473
Survey Name: Chisholm Aztec 14-23 2BS Fed Com 6H Surveys to 21115' MD
Survey Date: August 31, 2021
Tort / AHD / DDI / ERD Ratio: 241.992' / 11019.234 ft / 6.712 / 1.009
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 29' 11.35212", W 103° 38' 57.85476"
Location Grid N/E Y/X: N 541390.711 ftUS, E 752222.479 ftUS
CRS Grid Convergence Angle: 0.3674 °
Grid Scale Factor: 0.99996002
Version / Patch: 2.10.824.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 179.660 ° (Grid North)
Vertical Section Origin: 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3877.000 ft above MSL
Seabed / Ground Elevation: 3846.000 ft above MSL
Magnetic Declination: 6.507 °
Total Gravity Field Strength: 998.4614mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47890.223 nT
Magnetic Dip Angle: 60.239 °
Declination Date: August 31, 2021
Magnetic Declination Model: HDGM 2021
North Reference: Grid North
Grid Convergence Used: 0.3674 °
Total Corr Mag North->Grid North: 6.1392 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	541390.71	752222.48	N 32 29 11.35 W 103 38 57.85		0.00	0.00
	196.00	0.28	262.33	196.00	0.06	-0.06	-0.47	0.14	541390.65	752222.00	N 32 29 11.35 W 103 38 57.86		0.48	262.33
	254.00	0.15	201.87	254.00	0.15	-0.15	-0.64	0.42	541390.56	752221.84	N 32 29 11.35 W 103 38 57.86		0.66	256.60
	392.00	0.41	108.98	392.00	0.48	-0.48	-0.24	0.32	541390.23	752222.24	N 32 29 11.35 W 103 38 57.86		0.54	206.85
	430.00	0.59	23.68	430.00	0.35	-0.35	-0.04	1.82	541390.36	752222.44	N 32 29 11.35 W 103 38 57.86		0.35	186.03
	489.00	0.83	33.06	488.99	-0.29	0.29	0.32	0.45	541391.00	752222.80	N 32 29 11.35 W 103 38 57.85		0.43	47.71
	547.00	0.85	22.99	546.99	-1.03	1.04	0.72	0.26	541391.75	752223.19	N 32 29 11.36 W 103 38 57.85		1.26	34.59
	615.00	0.94	35.00	614.98	-1.95	1.96	1.23	0.31	541392.67	752223.71	N 32 29 11.37 W 103 38 57.84		2.31	32.18
	709.00	1.95	39.89	708.95	-3.80	3.82	2.70	1.08	541394.53	752225.18	N 32 29 11.39 W 103 38 57.82		4.68	35.27
	804.00	2.05	41.17	803.89	-6.31	6.34	4.86	0.12	541397.05	752227.33	N 32 29 11.41 W 103 38 57.80		7.98	37.46
	898.00	2.39	49.23	897.82	-8.84	8.88	7.45	0.49	541399.59	752229.93	N 32 29 11.44 W 103 38 57.77		11.59	39.98
	992.00	3.04	67.80	991.71	-11.04	11.10	11.24	1.15	541401.81	752233.72	N 32 29 11.46 W 103 38 57.72		15.80	45.35
	1086.00	3.92	63.07	1085.54	-13.40	13.50	16.41	0.98	541404.21	752238.89	N 32 29 11.48 W 103 38 57.66		21.25	50.56
	1180.00	4.51	80.94	1179.29	-15.40	15.54	22.93	1.52	541406.25	752245.40	N 32 29 11.50 W 103 38 57.59		27.70	55.87
	1275.00	4.77	95.89	1273.98	-15.54	15.72	30.54	1.30	541406.43	752253.02	N 32 29 11.51 W 103 38 57.50		34.35	62.76
	1369.00	5.94	97.86	1367.57	-14.42	14.66	39.25	1.26	541405.37	752261.73	N 32 29 11.49 W 103 38 57.40		41.90	69.53
	1463.00	3.92	100.27	1461.22	-13.14	13.42	47.23	2.16	541404.13	752269.71	N 32 29 11.48 W 103 38 57.30		49.10	74.14
	1495.00	3.37	106.94	1493.15	-12.66	12.95	49.21	2.17	541403.66	752271.68	N 32 29 11.48 W 103 38 57.28		50.88	75.26
	1558.00	3.32	110.51	1556.04	-11.46	11.77	52.69	0.34	541402.48	752275.16	N 32 29 11.47 W 103 38 57.24		53.99	77.41
	1651.00	4.01	117.16	1648.85	-9.00	9.34	58.10	0.87	541400.05	752280.58	N 32 29 11.44 W 103 38 57.18		58.85	80.87
	1745.00	4.38	100.22	1742.61	-6.82	7.20	64.56	1.37	541397.91	752287.04	N 32 29 11.42 W 103 38 57.10		64.96	83.63
	1838.00	4.25	73.94	1835.35	-7.10	7.53	71.37	2.11	541398.24	752293.84	N 32 29 11.42 W 103 38 57.02		71.76	83.98
	1931.00	3.22	56.31	1928.16	-9.47	9.93	76.85	1.65	541400.64	752299.33	N 32 29 11.45 W 103 38 56.96		77.49	82.64
	2025.00	2.80	34.98	2022.03	-12.80	13.28	80.36	1.26	541403.99	752302.84	N 32 29 11.48 W 103 38 56.92		81.45	80.62
	2119.00	3.01	25.85	2115.91	-16.89	17.38	82.76	0.54	541408.09	752305.23	N 32 29 11.52 W 103 38 56.89		84.56	78.14
	2213.00	3.02	21.94	2209.78	-21.39	21.90	84.76	0.22	541412.61	752307.23	N 32 29 11.56 W 103 38 56.86		87.54	75.52
	2307.00	3.66	21.00	2303.62	-26.48	26.99	86.76	0.68	541417.70	752309.23	N 32 29 11.61 W 103 38 56.84		90.86	72.72
	2409.00	4.30	18.07	2405.37	-33.14	33.67	89.11	0.66	541424.38	752311.59	N 32 29 11.68 W 103 38 56.81		95.26	69.30
	2502.00	2.05	329.45	2498.24	-37.89	38.42	89.35	3.57	541429.13	752311.82	N 32 29 11.73 W 103 38 56.81		97.26	66.73
	2596.00	4.80	247.68	2592.10	-37.87	38.37	84.85	5.26	541429.08	752307.33	N 32 29 11.73 W 103 38 56.86		93.12	65.67
	2690.00	7.01	246.28	2685.60	-34.12	34.57	75.96	2.36	541425.28	752298.44	N 32 29 11.69 W 103 38 56.97		83.46	65.53
	2784.00	6.02	247.34	2778.99	-29.97	30.36	66.16	1.06	541421.07	752288.64	N 32 29 11.65 W 103 38 57.08		72.80	65.35
	2879.00	3.38	250.60	2873.66	-27.16	27.51	58.92	2.79	541418.22	752281.40	N 32 29 11.62 W 103 38 57.16		65.03	64.97
	2973.00	1.19	245.70	2967.58	-25.86	26.19	55.42	2.34	541416.90	752277.89	N 32 29 11.61 W 103 38 57.21		61.29	64.70
	3067.00	0.94	230.50	3061.56	-24.98	25.30	53.93	0.40	541416.01	752276.41	N 32 29 11.60 W 103 38 57.22		59.57	64.87
	3162.00	2.59	258.53	3156.52	-24.07	24.38	51.23	1.91	541415.09	752273.70	N 32 29 11.59 W 103 38 57.25		56.73	64.55
	3256.00	2.47	297.81	3250.43	-24.62	24.90	47.35	1.81	541415.61	752269.83	N 32 29 11.60 W 103 38 57.30		53.50	62.27
	3350.00	2.96	325.83	3344.33	-27.59	27.85	44.20	1.49	541418.56	752266.68	N 32 29 11.62 W 103 38 57.34		52.24	57.78
	3443.00	2.44	328.24	3437.23	-31.27	31.52	41.81	0.57	541422.23	752264.29	N 32 29 11.66 W 103 38 57.36		52.36	52.99
	3537.00	2.50	348.74	3531.14	-34.99	35.23	40.36	0.94	541425.94	752262.83	N 32 29 11.70 W 103 38 57.38		53.57	48.88
	3569.00	2.43	349.28	3563.11	-36.35	36.58	40.09	0.23	541427.29	752262.57	N 32 29 11.71 W 103 38 57.38		54.28	47.62
	3719.00	2.27	11.65	3712.99	-42.38	42.62	40.10	0.62	541433.33	752262.58	N 32 29 11.77 W 103 38 57.38		58.52	43.26
	3814.00	2.82	39.07	3807.90	-46.37	46.62	41.39	0.78	541437.32	752263.86	N 32 29 11.81 W 103 38 57.37		62.34	41.60
	3908.00	2.64	23.16	3901.79	-50.48	50.74	43.14	0.19	541441.45	752265.61	N 32 29 11.85 W 103 38 57.35		66.60	40.37
	4002.00	2.19	26.45	3995.70	-54.07	54.34	44.79	0.50	541445.04	752267.26	N 32 29 11.89 W 103 38 57.33		70.41	39.50
	4097.00	2.58	31.07	4090.62	-57.51	57.79	46.70	0.46	541448.50	752269.18	N 32 29 11.92 W 103 38 57.31		74.30	38.94
	4190.00	3.39	31.18	4183.50	-61.64	61.94	49.20	0.87	541452.65	752271.68	N 32 29 11.96 W 103 38 57.28		79.10	38.46
	4284.00	3.58	25.99	4277.32	-66.64	66.95	51.93	0.39	541457.66	752274.40	N 32 29 12.01 W 103 38 57.24		84.73	37.80
	4378.00	2.19	15.84	4371.20	-71.00	71.32	53.70	1.57	541462.03	752276.18	N 32 29 12.05 W 103 38 57.22		89.28	36.98
	4472.00	0.84	264.44	4465.18	-72.66	72.98	53.51	2.78	541463.69	752275.98	N 32 29 12.07 W 103 38 57.22		90.49	36.25
	4565.00	2.51	229.84	4558.14	-71.30	71.60	51.27	2.02	541462.31	752273.75	N 32 29 12.06 W 103 38 57.25		88.07	35.61
	4660.00	3.56	226.38	4653.00	-67.94	68.23	47.55	1.12	541458.93	752270.02	N 32 29 12.02 W 103 38 57.29		83.16	34.87
	4754.00	2.78	215.11	4746.86	-64.08	64.35	44.12	1.06	541455.06	752266.60	N 32 29 11.99 W 103 38 57.33		78.02	34.44
	4847.00	2.75	201.69	4839.75	-60.18	60.43	42.00	0.70	541451.14	752264.48	N 32 29 11.95 W 103 38 57.36		73.59	34.80
	4942.00	2.69	195.23	4934.64	-55.92	56.16	40.57	0.33	541446.87	752263.05	N 32 29 11.91 W 103 38 57.38		69.28	35.85
	5036.00	2.64	189.47	5027.54	-51.71	51.94	39.65	0.29	541442.65	752262.13	N 32 29 11.86 W 103 38 57.39		65.36	37.36
	5129.00	2.70	185.17	5121.44	-47.37	47.60	39.09	0.22	541438.31	752261.57	N 32 29 11.82 W 103 38 57.39		61.60	39.39
	5223.00	3.00	184.16	5215.33	-42.71	42.94	38.72	0.32	541433.65	752261.19	N 32 29 11.77 W 103 38 57.40		57.82	42.04
	5318.00	2.32	180.42	5310.22	-38.31	38.53	38.52	0.74	541429.25	752261.00	N 32 29 11.73 W 103 38 57.40		54.49	44.98
	5412.00	1.69	161.12	5404.17	-35.10	35.33	38.96	0.97	541426.04	752261.43	N 32 29 11.70 W 103 38 57.40		52.59	47.80
	5507.00	1.55	161.22	5499.13	-32.55	32.78	39.82	0.15	541423.49	752262.30	N 32 29 11.67 W 103 38 57.39		51.58	50.54
	5601.00	1.37	162.72	5593.10	-30.27	30.51	40.57	0.20	541421.22	752263.04	N 32 29 11.65 W 103 38 57.38		50.76	53.05
	5696.00	1.07	171.35	5688.08	-28.30	28.55	41.04	0.37	541419.26	752263.51	N 32 29 11.63 W 103 38 57.37		49.99	55.18
	5790.00	0.64	185.66	5782.07	-26.91	27.16	41.12	0.51	541417.87	752263.59	N 32 29 11.62 W 103 38 57.37		49.28	56.56
	5885													

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)
	8881.00	5.51	13.68	8869.53	-89.66	90.03	60.81	0.58	541480.73	752283.29	N 32 29 12.24 W	103 38 57.14	108.64	34.04
	8976.00	4.93	9.81	8964.54	-92.56	90.54	62.56	0.54	541489.02	752286.80	N 32 29 12.32 W	103 38 57.12	116.44	32.47
	9070.00	5.75	13.61	9057.75	-106.33	106.71	64.33	1.15	541497.42	752286.80	N 32 29 12.40 W	103 38 57.10	124.60	31.08
	9165.00	5.58	13.15	9152.29	-115.44	115.84	66.50	0.19	541506.54	752288.97	N 32 29 12.49 W	103 38 57.07	133.57	29.86
	9259.00	4.06	14.81	9245.96	-123.10	123.50	68.39	1.62	541514.21	752290.86	N 32 29 12.57 W	103 38 57.05	141.17	28.97
	9353.00	3.69	14.33	9339.74	-129.23	129.65	69.99	0.40	541520.36	752292.46	N 32 29 12.63 W	103 38 57.03	147.34	28.36
	9448.00	4.70	13.10	9434.48	-135.98	136.40	71.63	1.07	541527.11	752294.10	N 32 29 12.70 W	103 38 57.01	154.07	27.70
	9542.00	4.15	17.82	9528.20	-142.95	143.39	73.54	0.70	541534.10	752296.02	N 32 29 12.77 W	103 38 56.99	161.15	27.15
	9638.00	4.26	22.21	9621.95	-149.41	149.86	75.90	0.36	541540.57	752298.38	N 32 29 12.83 W	103 38 56.96	167.99	26.86
	9730.00	4.31	28.69	9715.69	-155.72	156.19	78.32	0.52	541546.90	752301.39	N 32 29 12.89 W	103 38 56.92	175.00	26.80
	9824.00	3.97	30.06	9809.44	-161.62	162.11	82.24	0.38	541552.81	752304.72	N 32 29 12.96 W	103 38 56.85	181.78	26.90
	9918.00	3.92	27.15	9903.22	-167.28	167.79	85.34	0.22	541558.49	752307.81	N 32 29 13.01 W	103 38 56.85	188.24	26.96
	10012.00	3.40	359.23	9997.04	-172.91	173.43	86.77	1.95	541564.14	752309.24	N 32 29 13.06 W	103 38 56.83	193.93	26.58
	10106.00	2.42	331.60	10090.92	-177.45	177.96	85.79	1.79	541568.67	752308.26	N 32 29 13.11 W	103 38 56.84	197.56	25.74
	10161.00	0.54	343.28	10145.90	-178.73	179.23	85.16	3.44	541569.94	752307.63	N 32 29 13.12 W	103 38 56.85	198.44	25.41
	10208.00	4.73	142.82	10192.85	-177.39	177.90	86.27	11.15	541568.61	752308.74	N 32 29 13.11 W	103 38 56.83	197.71	25.87
	10256.00	9.35	144.63	10240.48	-172.61	173.14	89.72	9.63	541563.85	752312.20	N 32 29 13.06 W	103 38 56.79	195.01	27.39
	10303.00	12.61	157.36	10286.62	-164.73	165.29	93.91	8.60	541556.00	752316.38	N 32 29 12.98 W	103 38 56.76	190.11	29.60
	10349.00	15.49	169.86	10331.24	-154.03	154.61	96.92	9.06	541545.31	752319.40	N 32 29 12.88 W	103 38 56.71	182.48	32.08
	10396.00	18.72	167.98	10376.16	-140.45	141.05	99.60	6.97	541531.75	752322.08	N 32 29 12.74 W	103 38 56.68	172.67	35.23
	10443.00	22.64	168.87	10420.12	-124.18	124.79	102.92	8.37	541515.49	752325.39	N 32 29 12.58 W	103 38 56.64	161.75	39.51
	10490.00	26.36	165.38	10462.89	-105.17	105.81	107.30	8.49	541496.51	752329.77	N 32 29 12.39 W	103 38 56.59	150.69	45.40
	10537.00	30.30	165.03	10504.25	-83.58	84.25	113.00	8.39	541474.96	752335.47	N 32 29 12.18 W	103 38 56.53	140.95	53.29
	10630.00	38.03	168.72	10581.15	-32.67	33.41	124.68	8.60	541424.12	752347.16	N 32 29 11.67 W	103 38 56.40	129.08	75.00
	10679.00	42.33	168.68	10618.58	-1.64	2.41	130.88	8.78	541493.12	752353.35	N 32 29 11.37 W	103 38 56.33	130.90	88.94
	10725.00	46.05	168.50	10651.56	29.82	-29.01	137.22	8.09	541361.70	752359.69	N 32 29 11.06 W	103 38 56.26	140.25	101.94
	10772.00	51.42	168.10	10682.54	144.39	-144.39	144.39	11.44	541237.12	752366.86	N 32 29 10.71 W	103 38 56.17	157.77	113.37
	10819.00	55.59	167.15	10710.49	101.39	-100.49	152.49	9.02	541290.23	752374.96	N 32 29 10.35 W	103 38 56.08	182.62	123.38
	10866.00	60.69	165.23	10735.29	140.19	-139.23	162.03	11.39	541251.49	752384.50	N 32 29 9.96 W	103 38 55.97	213.63	130.67
	10914.00	65.16	164.90	10757.13	181.54	-180.52	173.05	9.33	541210.20	752395.52	N 32 29 9.56 W	103 38 55.85	250.06	136.21
	10961.00	69.60	164.57	10775.21	223.45	-222.36	184.47	9.47	541168.36	752406.94	N 32 29 9.14 W	103 38 55.72	288.92	140.32
	11009.00	74.22	166.05	10790.11	267.64	-266.64	196.03	10.06	541124.24	752418.50	N 32 29 8.70 W	103 38 55.59	330.82	143.66
	11056.00	76.72	170.06	10801.90	312.20	-310.98	205.43	9.82	541079.74	752427.90	N 32 29 8.26 W	103 38 55.48	372.71	146.55
	11103.00	80.51	173.40	10811.18	357.82	-356.56	212.05	10.66	541034.16	752434.52	N 32 29 7.81 W	103 38 55.41	414.85	149.26
	11150.00	83.60	176.75	10817.68	404.20	-402.93	216.04	9.65	540987.80	752438.51	N 32 29 7.35 W	103 38 55.36	457.19	151.80
	11197.00	85.75	176.36	10822.04	450.93	-449.64	218.85	4.65	540941.09	752441.32	N 32 29 6.89 W	103 38 55.33	500.07	154.05
	11290.00	89.15	176.62	10826.18	543.68	-542.36	224.54	3.67	540848.37	752447.01	N 32 29 6.57 W	103 38 55.27	587.00	157.51
	11358.00	89.56	176.39	10826.94	611.57	-610.23	228.68	0.69	540780.51	752451.15	N 32 29 6.30 W	103 38 55.23	651.67	159.46
	11452.00	89.54	176.00	10827.68	705.40	-704.02	234.92	0.42	540686.72	752457.39	N 32 29 6.37 W	103 38 55.17	742.18	161.55
	11546.00	89.68	178.45	10828.32	799.31	-797.90	239.47	2.61	540592.85	752461.94	N 32 29 6.44 W	103 38 55.12	833.06	163.29
	11640.00	89.61	180.51	10828.90	893.30	-891.89	240.32	2.19	540498.86	752462.79	N 32 29 6.51 W	103 38 55.12	923.70	164.92
	11734.00	89.75	180.57	10829.43	987.29	-985.88	239.44	0.16	540404.04	752461.91	N 32 29 6.58 W	103 38 55.13	1014.54	166.35
	11782.00	89.52	180.80	10830.03	1081.27	-1079.87	238.32	0.35	540310.88	752460.78	N 32 29 6.65 W	103 38 55.15	1105.86	167.55
	11822.00	89.31	181.06	10830.99	1175.24	-1173.86	236.99	0.64	540216.90	752459.72	N 32 29 6.72 W	103 38 55.18	1197.22	168.60
	12016.00	89.71	180.43	10831.79	1269.22	-1267.84	235.57	0.79	540122.92	752458.04	N 32 29 6.87 W	103 38 55.20	1289.54	169.47
	12110.00	89.62	180.56	10832.34	1363.21	-1361.84	234.76	0.17	540028.93	752457.22	N 32 29 6.97 W	103 38 55.22	1381.92	170.22
	12204.00	89.77	180.70	10832.84	1457.19	-1455.83	233.72	0.22	539934.94	752456.19	N 32 29 6.96 W	103 38 55.24	1474.47	170.88
	12298.00	89.82	180.23	10833.18	1551.18	-1549.83	232.96	0.50	539840.95	752455.43	N 32 29 6.60 W	103 38 55.25	1567.24	171.45
	12392.00	89.58	180.74	10833.67	1645.17	-1643.82	232.16	0.60	539746.96	752454.63	N 32 29 6.50 W	103 38 55.27	1660.14	171.96
	12485.00	89.68	180.47	10834.27	1738.16	-1736.82	231.18	0.31	539653.97	752453.65	N 32 29 6.45 W	103 38 55.29	1752.13	172.42
	12579.00	89.65	180.51	10834.82	1832.15	-1830.81	230.38	0.05	539559.98	752452.85	N 32 29 6.52 W	103 38 55.30	1845.25	172.83
	12674.00	89.68	180.53	10835.38	1927.13	-1925.80	229.52	0.04	539464.99	752451.98	N 32 29 6.52 W	103 38 55.32	1939.43	173.20
	12768.00	89.87	180.65	10835.75	2021.12	-2019.80	228.55	0.24	539371.00	752451.02	N 32 29 6.51 W	103 38 55.34	2032.69	173.54
	12863.00	89.86	180.43	10835.97	2116.11	-2114.79	227.65	0.23	539276.01	752450.12	N 32 29 6.50 W	103 38 55.36	2127.01	173.86
	12957.00	89.63	180.63	10836.39	2210.10	-2208.79	226.78	0.32	539182.01	752449.25	N 32 29 6.48 W	103 38 55.37	2220.40	174.14
	13050.00	89.56	180.73	10837.04	2303.08	-2301.78	225.68	0.13	539089.03	752448.15	N 32 29 6.48 W	103 38 55.39	2312.82	174.40
	13144.00	89.68	180.71	10837.67	2397.06	-2395.77	224.50	0.13	538995.04	752446.97	N 32 29 6.47 W	103 38 55.41	2406.27	174.65
	13237.00	89.84	180.53	10838.06	2490.05	-2488.76	223.49	0.26	538902.05	752445.96	N 32 29 6.46 W	103 38 55.43	2498.74	174.87
	13331.00	89.84	180.55	10838.32	2584.04	-2582.76	222.61	0.02	538808.06	752445.07	N 32 29 6.45 W	103 38 55.45	2592.34	175.07
	13425.00	89.85	180.55	10838.57	2678.03	-2676.75	221.73	0.74	538714.06	752444.75	N 32 29 6.44 W	103 38 55.46	2685.94	175.25
	13520.00	89.80	180.22	10838.96	2773.03	-2771.76	222.22	0.39	538619.07	752444.69	N 32 29 6.43 W	103 38 55.47	2780.65	175.42
	13614.00	89.98	179.34	10839.05	2867.03	-2865.76	222.58	0.96	538525.07	752445.05	N 32 29 6.42 W	103 38 55.47	2874.39	175.56
	13708.00	89.52	180.97	10839.46	2961.02	-2959.75	222.33	1.80	538431.08	752444.80	N 32 29 6.42 W	103 38 55.48	2968.09	175.70
	13801.00	89.60	180.59	10840.17	3054.00	-3052.74	221.06	0.42	538338.10	752443.53	N 32 29 6.41 W	103 38 55.50	3060.73	175.86
	13894.00	89.69	179.94	10840.75	3146.99	-3145.74	220.63	0.71	538245.11	752443.10	N 32 29 6.40 W	103 38 55.51	3153.46	175.99
	13988.00	89.82	180.65	10841.15	3240.98	-3239.73	220.15	0.77	538151.11	752442.62	N 32 29 6.39 W	103 38 55.53	3247.21	176.11
	14082.00	90.16	180.19	10841.16	3334.97	-3333.73	219.46	0.61	538057.12	752441.93	N 32 29 6.38 W	103 38 55.54	3	

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS ("/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)
	19721.00	87.98	179.72	10888.98	8973.12	-8971.89	268.11	0.78	532419.40	752490.58	N 32 27 42.56 W	103 38 55.40	8975.70	178.29
	19814.00	88.67	179.81	10891.70	9066.08	-9064.65	268.49	0.75	532328.44	752490.96	N 32 27 41.64 W	103 38 55.40	9068.62	178.30
	19909.00	88.24	180.13	10894.26	9161.05	-9159.61	268.54	0.56	532231.48	752491.01	N 32 27 40.70 W	103 38 55.41	9163.55	178.32
	20002.00	89.11	179.60	10896.41	9254.02	-9252.59	268.76	1.10	532138.51	752491.23	N 32 27 39.78 W	103 38 55.41	9256.49	178.34
	20096.00	88.16	180.10	10898.65	9347.99	-9346.56	269.00	1.14	532044.54	752491.47	N 32 27 38.86 W	103 38 55.41	9350.43	178.35
	20190.00	89.72	179.41	10900.39	9441.97	-9440.54	269.41	1.81	531950.57	752491.87	N 32 27 37.93 W	103 38 55.42	9444.38	178.37
	20283.00	88.52	180.11	10901.82	9534.96	-9533.52	269.80	1.49	531857.59	752492.26	N 32 27 37.01 W	103 38 55.42	9537.34	178.38
	20378.00	88.81	179.78	10904.03	9629.93	-9628.50	269.89	0.46	531762.62	752492.35	N 32 27 36.07 W	103 38 55.43	9632.28	178.39
	20471.00	88.01	179.78	10906.61	9722.89	-9721.46	270.24	0.86	531669.66	752492.71	N 32 27 35.15 W	103 38 55.43	9725.22	178.41
	20565.00	88.71	179.24	10909.33	9817.85	-9816.42	271.06	0.93	531574.70	752493.52	N 32 27 34.21 W	103 38 55.43	9820.16	178.42
	20660.00	90.29	178.88	10910.15	9911.84	-9910.40	272.60	1.72	531480.73	752495.07	N 32 27 33.28 W	103 38 55.41	9914.15	178.42
	20755.00	88.70	179.56	10910.99	10006.83	-10005.38	273.89	1.82	531385.75	752496.36	N 32 27 32.34 W	103 38 55.41	10009.13	178.43
	20849.00	88.81	179.39	10913.03	10100.81	-10099.36	274.75	0.22	531291.78	752497.22	N 32 27 31.41 W	103 38 55.40	10103.09	178.44
	20943.00	88.54	179.69	10915.20	10194.78	-10193.33	275.51	0.43	531197.81	752497.97	N 32 27 30.48 W	103 38 55.40	10197.05	178.45
	21037.00	88.69	179.41	10917.48	10288.76	-10287.30	276.24	0.34	531103.84	752498.71	N 32 27 29.55 W	103 38 55.40	10291.01	178.46
Final MWD	21080.00	88.62	179.14	10918.49	10331.74	-10330.28	276.79	0.65	531060.86	752499.26	N 32 27 29.12 W	103 38 55.40	10333.99	178.47
Proj to TD	21115.00	88.62	179.14	10919.33	10366.73	-10365.27	277.31	0.00	531025.88	752499.78	N 32 27 28.77 W	103 38 55.39	10368.98	178.47

Survey Type: Def Survey

Survey Error Model: ISCSWA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	31.000	1/98.425	30.000	30.000	NAL_MWD_1.0_DEG-Depth Only	Original Borehole / Chisholm Aztec 14-23 2BS Fed Com 6H
	1	31.000	31.000	Act Stns	30.000	30.000	NAL_MWD_1.0_DEG-Depth Only	Surveys to 21115' MD Original Borehole / Chisholm Aztec 14-23 2BS Fed Com 6H
	1	31.000	21115.000	Act Stns	30.000	30.000	NAL_MWD_1.0_DEG	Surveys to 21115' MD Original Borehole / Chisholm Aztec 14-23 2BS Fed Com 6H

...Original Borehole/Chisholm Aztec 14-23 2BS Fed Com 6H Surveys to 21115' MD

Intent ☐ As Drilled ☒

API # 30-025-48473		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: AZTEC 14-23 2BS FED COM	Well Number 6H

Kick Off Point (KOP)

UL N	Section 11	Township 21S	Range 32E	Lot	Feet 309	From N/S SOUTH	Feet 1511	From E/W WEST	County LEA
Latitude 32.486978					Longitude -103.649124				NAD 83

First Take Point (FTP)

UL C	Section 14	Township 21S	Range 32E	Lot	Feet 131	From N/S NORTH	Feet 1618	From E/W WEST	County LEA
Latitude 32.485764					Longitude -103.648778				NAD 83

Last Take Point (LTP)

UL N	Section 23	Township 21S	Range 32E	Lot	Feet 477	From N/S SOUTH	Feet 1638	From E/W WEST	County LEA
Latitude 32.458401					Longitude 103.648723				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 # 30-025-46350		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: AZTEC 14-23 3BS FED COM	Well Number 2H

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.

5. Lease Serial No.	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
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 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 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 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.)

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: SESW / 130 FSL / 1425 FWL / TWSP: 21S / RANGE: 32E / SECTION: 11 / LAT: 32.4864869 / LONG: -103.6493069 (TVD: 0 feet, MD: 0 feet)
PPP: NENW / 1 FNL / 1624 FWL / TWSP: 21S / RANGE: 32E / SECTION: 23 / LAT: 32.4716341 / LONG: -103.648737 (TVD: 10912 feet, MD: 16316 feet)
PPP: SESW / 1319 FSL / 1628 FWL / TWSP: 21S / RANGE: 32E / SECTION: 14 / LAT: 32.4752313 / LONG: -103.648735 (TVD: 10887 feet, MD: 14996 feet)
PPP: NESW / 2638 FSL / 1632 FWL / TWSP: 21S / RANGE: 32E / SECTION: 14 / LAT: 32.478601 / LONG: -103.648733 (TVD: 10862 feet, MD: 13677 feet)
PPP: NENW / 100 FNL / 1633 FWL / TWSP: 21S / RANGE: 32E / SECTION: 14 / LAT: 32.4858555 / LONG: -103.6487298 (TVD: 10814 feet, MD: 11139 feet)
BHL: SESW / 100 FSL / 1633 FWL / TWSP: 21S / RANGE: 32E / SECTION: 23 / LAT: 32.4573653 / LONG: -103.6487438 (TVD: 11005 feet, MD: 21125 feet)



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print

11/03/2022

Operator Name CHISHOLM ENERGY OPERATING LLC SHL SESW Sec 11 21S 32E	Well Name AZTEC 14-23 2BS FED COM	Well Number 6H	US Well Number 3002548473
	County LEA	State NM	Lease Number(s) NMNM061261
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name AZTEC 14 FED PAD	Well Pad Number 2H,3H,4H, 5H,6H,7H,8H	ID 10400050862

Section 1 - General

Well Completion Report Id:	Submission Date: 04-05-2022	
BLM Office: Carlsbad Field Office	User: JENNIFER ELROD	Title: Senior Regulatory Technician
Federal/Indian: FEDERAL	Lease Number: NMNM061261	Lease Acres:
Agreement in place?: NO	Federal or Indian Agreement:	
Agreement Number:	Agreement Name:	
Keep this Well Completion Report confidential?: NO		
APD Operator: CHISHOLM ENERGY OPERATING LLC		

Section 2 - Well

Field/Pool or Exploratory:	Pool Name: BONE SPRING	Field Name: WC-025 G-06
Well Type: OIL WELL		
Spud Date: 09-01-2021		
Date Total Measured Depth Reached: 10-02-2021		
Drill & Abandon or Ready To Produce: READY TO		
Well Class: HORIZONTAL		

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
RUSTLER	ANHYDRITE		3846	1517	1517	USEABLE WATER	
SALADO	SALT		1900	1946	1946	NONE	

Operator Name CHISHOLM ENERGY OPERATING LLC SHL SESW Sec 11 21S 32E	Well Name AZTEC 14-23 2BS FED COM	Well Number 6H	US Well Number 3002548473
	County LEA	State NM	Lease Number(s) NMNM061261
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name AZTEC 14 FED PAD	Well Pad Number 2H,3H,4H, 5H,6H,7H,8H	ID 10400050862

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
YATES	ANHYDRITE, DOLOMITE		507	3339	3339	NATURAL GAS, OIL	
CAPITAN REEF	DOLOMITE, LIMESTONE, SANDSTONE		201	3645	3645	NATURAL GAS, OIL	
BELL CANYON	SANDSTONE, SHAPE, SILTSTONE		-1394	5240	5240	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE, SHAPE, SILTSTONE		-1816	5662	5662	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE, SHAPE, SILTSTONE		-3134	6980	6980	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE, SHAPE		-4948	8794	8794	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE, SHAPE, SILTSTONE		-5997	9843	9843	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE, SHAPE, SILTSTONE		-6511	10357	10357	NATURAL GAS, OIL	

Completion and Completed

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM061261	NMNM061261	NEW		POW	11-22-2021	11-26-2021	BONE SPRING 2ND	11104	20966	Y	.42	2240	OPEN

Operator Name CHISHOLM ENERGY OPERATING LLC SHL SESW Sec 11 21S 32E	Well Name AZTEC 14-23 2BS FED COM	Well Number 6H	US Well Number 3002548473
	County LEA	State NM	Lease Number(s) NMNM061261
Well Type OIL WELL	Well Status Producing Oil Well	Agreement Name	Agreement Number(s)
Allottee/Tribe Name	Well Pad Name AZTEC 14 FED PAD	Well Pad Number 2H,3H,4H, 5H,6H,7H,8H	ID 10400050862

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	510895	22008997	ACTUAL TREATMENT -1532 BBLS HCl + 509363 BBLS SW W/1434276 1# 100 MESH + 7666236# 40/70 SAND

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1	41.5	0.83	FLows FROM WELL		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	12/30/2021	24	1722	1775	3115	1030	64/64	0	0	350

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Well Location

Survey Type: RECTANGULAR

Survey Number: 7591A

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.486487	-103.649404	3846	FEDERAL	NMNM 0257272				130	FSL	1425	FWL	21S	32E	11	SESW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.486978	-103.649124	-6814	FEDERAL	NMNM 0257272				309	FSL	1511	FWL	21S	32E	11	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4716341	-103.648737	-6990	FEDERAL	NMNM 2518				1	FNL	1638	FWL	21S	32E	23	NENW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.4752313	-103.648735	-6989	FEDERAL	NMNM 2515				1319	FSL	1638	FWL	21S	32E	14	SESW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.485764	-103.648778	-6965	FEDERAL	NMNM 061261				131	FNL	1618	FWL	21S	32E	14	NENW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.478601	-103.648733	-6993	FEDERAL	NMNM 97889				2638	FSL	1638	FWL	21S	32E	14	NESW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.458401	-103.3648723	-7069	FEDERAL	NMNM 094848				477	FSL	1638	FWL	21S	32E	11	SESW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.457992	-103.64872	-7073	FEDERAL	NMNM 94848	10919	21091	CBP	328	FSL	1639	FWL	21S	32E	23	SESW

Operator Name CHISHOLM ENERGY OPERATING LLC SHL SESW Sec 11 21S 32E	Well Name AZTEC 14-23 2BS FED COM	Well Number 6H	US Well Number 3002548473
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Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	26	0	1542	20.0	94	J-55		BUTT		
00	INTERMEDIATE	17.5	0	3615	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	5927	9.625	40	J-55		LT&C		
00	PRODUCTION	8.75	0	21095	5.5	20	P-110		BUTT		

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield (cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Class C	1885	1.68	0	Class C	1195	1.33	1050	847.1
00	INTERMEDIATE		Class C	1725	2.79	0	Class C	810	1.33	3100	1049
00	INTERMEDIATE		Class C	1095	2.79	0	Class C	365	1.33	4480	630.6
00	PRODUCTION		Class H	935	2.79	2700	Class H	1895	1.5	8419	970.8

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Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00									

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Name CHISHOLM ENERGY OPERATING LLC SHL SESW Sec 11 21S 32E	Well Name AZTEC 14-23 2BS FED COM	Well Number 6H	US Well Number 3002548473
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Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: CHISHOLM ENERGY OPERATING LLC**Signed By:** JENNIFER ELROD**Title:** Senior Regulatory
Technician**Signed on:** 04/05/2022**Street Address:** 1400 WOODLOCH FOREST DR STE 300**City:** THE WOODLANDS**State:** TX**Zip:** 77380**Phone:** (817)953-3728**Email address:** JELROD@EARTHSTONEENERGY.COM**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Extension:****Email address:****Attachments**

Final_Surveys___Chisholm_Aztec_14_23_2BS_Fed_Com_6H_Surveys_to_21115___MD_20220405113913.pdf

Chisholm_Energy___Aztec_14_23_Fed_Com_2BS_6H___AS_DRILLED_WBD_20220405113934.pdf

Aztec_14_23_2BS_Fed_Com_6H_20220405113954.pdf

30_025_48473_AZTEC_14_23_2BS_FED_COM_6H_300_21115_TVD_1_Lea_20220405114008.pdf

30_025_48473_AZTEC_14_23_2BS_FED_COM_6H_300_21115_MD_1_Lea_20220405114008.pdf

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Attachments

Final_Surveys___Chisholm_Aztec_14_23_2BS_Fed_Com_6H_Surveys_to_21115___MD_20220405113913.pdf

Chisholm_Energy___Aztec_14_23_Fed_Com_2BS_6H___AS_DRILLED_WBD_20220405113934.pdf

Aztec_14_23_2BS_Fed_Com_6H_20220405113954.pdf

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30_025_48473_AZTEC_14_23_2BS_FED_COM_6H_300_21115_MD_1_Lea_20220405114008.pdf



API # 30-025-48473

Revised: 11/22/2021

TVD ft-RKB	Geological Tops	Wellbore Sketch	Hole Size	Casing	Drilling Fluids	Cement	OH Logs/Evaluation
2,000'	1,517 Rustler 1,946 Salado		26"	Surface: 20" 94.0# J55 BTC	FW Spud Mud 8.5 - 9.2 ppg 32 - 38 FV 4-6 PV 2-5 YP	Top of Lead: Surface 12.8 ppg 1.68 cuft/sk 1,885 sks Top of Tail: 1,050' 14.8 ppg 1.33 cuft/sk 1195 sks (Vol Calcs - 100% Excess)	
3,000'	3,339 Yates 3,645 Capitan Reef		17-1/2"	Surface: 13-3/8" 54.5# J55 BTC	Saturated Brine 10.0 - 10.3 ppg 28 - 32 FV	Top of Lead: Surface 11.5 ppg 2.79 cuft/sk 1,725sks Top of Tail: 3,100' 14.8 ppg 1.33 cuft/sk 810 sks (Vol Calcs - 200% Excess)	
4,000'	5,240 Bell Canyon						
5,000'	5,662 Cherry Canyon		12-1/4"	Intermediate: 9-5/8"40# J55 LTC	WBM 9.0 - 9.5 ppg 15 - 20 PV 8 - 12 YP	Top of Lead: Surface 11.5 ppg 2.79 cuft/sk 1095 sks Top of Tail: 4,480' 14.8 ppg 1.33 cuft/sk 365 sks (Vol Calcs - 100% Excess)	
6,000'	6,980 Brushy Canyon						
7,000'							
8,000'	8,794 Bone Spring		8-3/4" Vertical & Curve 8-1/2" Lateral	Production: 5-1/2" 20# P110 BTC	OBM 9.0 - 9.5 ppg 15 - 20 PV 8 - 12 YP	Top of Lead: 2,700 11.3 ppg 2.79 cuft/sk 935 sks Top of Tail: 8,419' 13.2 ppg 1.5 cuft/sk 1,985 sks (Vol Calcs - 15% Excess)	
9,000'		KOP: 10,828' TVD					
10,000'	9,843 1st Bone Spring SS 10,357 2nd Bone Spring SS						
11,000'							
PERFORATIONS @ 11,104' -20,966'							PBTD @21,091' TD 10,919' TVD 21,115' TD 10,919' TVD
PROD CSG-21,095'							

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

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

ACKNOWLEDGMENTS

Action 176526

ACKNOWLEDGMENTS

Operator: Earthstone Operating, LLC 1400 Woodloch Forest; Ste 300 The Woodlands, TX 77380	OGRID: 331165
	Action Number: 176526
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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State of New Mexico
Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
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CONDITIONS

Action 176526

CONDITIONS

Operator: Earthstone Operating, LLC 1400 Woodloch Forest; Ste 300 The Woodlands, TX 77380	OGRID: 331165
	Action Number: 176526
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	Logs must be submitted within 2 weeks	11/3/2023