

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☒ AMENDED REPORT
NW 04/05/22

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 04/05/22
⁴ API Number 30 - 0 25-44849	⁵ Pool Name WC-025 G-08 S213304D; BONE SPRING	⁶ Pool Code 97895
⁷ Property Code 333515	⁸ Property Name MINIS 1 HKY FEDERAL COM	⁹ Well Number 8H

II. ¹⁰ Surface Location

UL or lot no. D	Section 1	Township 21S	Range 32E	Lot Idn	Feet from the 255	North/South Line NORTH	Feet from the 1310	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. M	Section 1	Township 21S	Range 32E	Lot Idn	Feet from the 127	North/South line SOUTH	Feet from the 399	East/West line WEST	County LEA
¹² Lse Code FED	¹³ Producing Method Code F	¹⁴ Gas Connection Date 04/04/2022	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 FIELD SERVICES, LLC	GAS
20667	SHELL PIPELINE CORPORATION	OIL

IV. Well Completion Data

²¹ Spud Date 01/25/2022	²² Ready Date 04/05/2022	²³ TD 18460	²⁴ PBTD 18445	²⁵ Perforations 11139 - 18426	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26	20" 94.0# J55 BTC	1500	1365		
17.5	13-3/8" 54.5# J55 BTC	3585	2545		
12.25	9-5/8"40# J55 LTC	5420	1025		
8.5	5-1/2" 20# P110 BTC	18460	2695		

V. Well Test Data

³¹ Date New Oil 04/05/2022	³² Gas Delivery Date 04/05/2022	³³ Test Date 06/08/2022	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 120
³⁷ Choke Size 64/64	³⁸ Oil 1118	³⁹ Water 906	⁴⁰ Gas 1118		⁴¹ Test Method FLOW
⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Deborah Marberry</i>			OIL CONSERVATION DIVISION		
Printed name: DEBORAH MARBERRY			Approved by: <i>PATRICIA MARTINEZ</i>		
Title: SR. REG TECH			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: DMARBERRY@EARTHSTONEENERGY.COM			Approval Date: <i>1/27/2025</i>		
Date: 02/10/2023		Phone: 281-298-4246			

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

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

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

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

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☒ AMENDED REPORT
NW-04/5/22

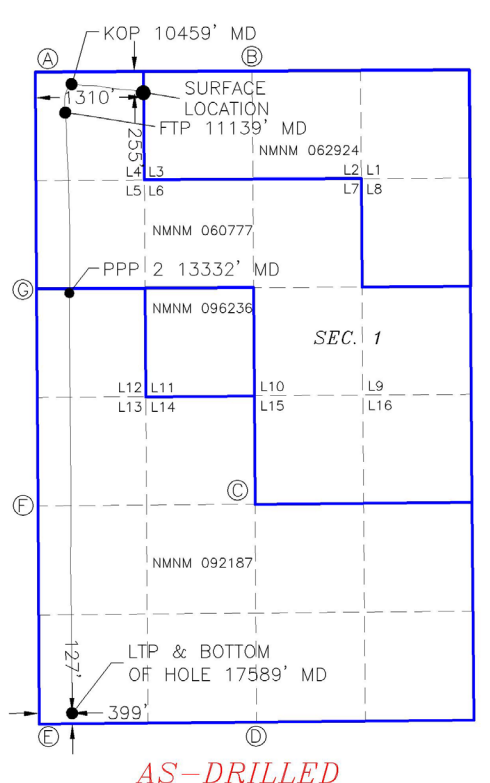
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44849	² Pool Code 97895	³ Pool Name WC-025 G-08 S213304D; BONE SPRING
⁴ Property Code 333515	⁵ Property Name MINIS 1 FED COM HKY	⁶ Well Number 8H
⁷ OGRID No. 331165	⁸ Operator Name EARTHSTONE OPERATING, LLC	⁹ Elevation 3703

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	1	21 S	32 E		255	NORTH	1310	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
M	1	21 S	32 E		127	SOUTH	399	WEST	LEA
¹² Dedicated Acres 238.85	¹³ Joint or Infill I	¹⁴ Consolidation Code	¹⁵ Order No.						

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

MINIS 1 FED COM HKY 8H EL. = 3703  AS-DRILLED NOTE: FINAL SURVEY DATA ENDS AT 18424' MD. BOTTOM OF HOLE AND LTP WERE ESTIMATED USING THE FINAL SURVEY POINT OF 18424' MD. AS THEIR LOCATION. FINAL SURVEY DATA WAS PROVIDED BY OPERATOR.		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Deborah Marberry</i> 05/22/24 Signature Date DEBORAH MARBERRY Printed Name DEBORAH.MARBERRY@PERMIANRES.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. MAY 21, 2024 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 Professional Surveyor License No. 10156		CORNER COORDINATES TABLE NAD 27 NMSP EAST <table border="1"> <tr><td>A</td><td>N. = 554404.82</td><td>E. = 714808.30</td></tr> <tr><td>B</td><td>N. = 554419.35</td><td>E. = 717436.70</td></tr> <tr><td>C</td><td>N. = 549174.40</td><td>E. = 717472.59</td></tr> <tr><td>D</td><td>N. = 546535.27</td><td>E. = 717489.77</td></tr> <tr><td>E</td><td>N. = 546513.06</td><td>E. = 714859.68</td></tr> <tr><td>F</td><td>N. = 549153.08</td><td>E. = 714842.37</td></tr> <tr><td>G</td><td>N. = 551778.95</td><td>E. = 714825.34</td></tr> </table> CORNER COORDINATES TABLE NAD 83 NMSP EAST <table border="1"> <tr><td>A</td><td>N. = 554466.70</td><td>E. = 755989.53</td></tr> <tr><td>B</td><td>N. = 554481.24</td><td>E. = 758617.95</td></tr> <tr><td>C</td><td>N. = 549236.14</td><td>E. = 758653.99</td></tr> <tr><td>D</td><td>N. = 546596.93</td><td>E. = 758671.25</td></tr> <tr><td>E</td><td>N. = 546574.71</td><td>E. = 756041.12</td></tr> <tr><td>F</td><td>N. = 549214.81</td><td>E. = 756023.75</td></tr> <tr><td>G</td><td>N. = 551840.75</td><td>E. = 756006.63</td></tr> </table>		A	N. = 554404.82	E. = 714808.30	B	N. = 554419.35	E. = 717436.70	C	N. = 549174.40	E. = 717472.59	D	N. = 546535.27	E. = 717489.77	E	N. = 546513.06	E. = 714859.68	F	N. = 549153.08	E. = 714842.37	G	N. = 551778.95	E. = 714825.34	A	N. = 554466.70	E. = 755989.53	B	N. = 554481.24	E. = 758617.95	C	N. = 549236.14	E. = 758653.99	D	N. = 546596.93	E. = 758671.25	E	N. = 546574.71	E. = 756041.12	F	N. = 549214.81	E. = 756023.75	G	N. = 551840.75	E. = 756006.63
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Intent ☐ As Drilled ☒

API # 30-025-44849		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: MINIS 1 FED COM HKY	Well Number 8H

Kick Off Point (KOP)

UL	Section 1	Township 21S	Range 32E	Lot 4	Feet 146	From N/S NORTH	Feet 443	From E/W WEST	County LEA
Latitude 32.5219576					Longitude 103.6354743			NAD 83	

First Take Point (FTP)

UL	Section 1	Township 21S	Range 32E	Lot 4	Feet 492	From N/S NORTH	Feet 364	From E/W WEST	County LEA
Latitude 32.5210084					Longitude 103.6357316			NAD 83	

Last Take Point (LTP)

UL M	Section 1	Township 21S	Range 23E	Lot	Feet 127	From N/S SOUTH	Feet 399	From E/W WEST	County LEA
Latitude 32.5010178					Longitude 103.6356173			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Intent ☐ As Drilled ☒

API # 30-025-44849		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: MINIS 1 FED COM HKY	Well Number 8H

Kick Off Point (KOP)

UL	Section 1	Township 21S	Range 32E	Lot 4	Feet 146	From N/S NORTH	Feet 443	From E/W WEST	County LEA
Latitude 32.5218349					Longitude 103.6349834			NAD 27	

First Take Point (FTP)

UL	Section 1	Township 21S	Range 32E	Lot 4	Feet 492	From N/S NORTH	Feet 364	From E/W WEST	County LEA
Latitude 32.5208857					Longitude 103.6352407			NAD 27	

Last Take Point (LTP)

UL M	Section 1	Township 21S	Range 23E	Lot	Feet 127	From N/S SOUTH	Feet 399	From E/W WEST	County LEA
Latitude 32.5008950					Longitude 103.6351272			NAD 27	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



Company:	Baker Hughes	Longitude:	103° 37' 57.5811" W	Gt:	9.796 (m/s2)
Customer/Operator:	Chisholm Energy	Latitude:	32° 31' 17.9605" N	Bt:	47918 (nT)
Job Number:	111178822	Ref North:	Grid	Dip:	60.30 (deg)
API Number:	NA	Mag Declination:	6.45 (deg) E	Nominal Mag Ref:	HDGM
Date Range:	1/24/2022 - 2/20/2022	Convergence:	0.38 (deg) E	Non-Mag Spacing:	Standard
Rig Name:	Scan Star	TAC:	6.07 (deg)	MagCorr:	ON
Rig Elv/Dat:	3729.00 (ft) / MSL	Vertical Section Azimuth:	179.63 (deg)		
Well:	Minis 1 Fed HKY Com 8H				
Wellbore:	Minis 1 Fed HKY Com 8H				

Scribeline (deg)									
Run1: 306.72	Run2: 306.72	Run3: 166.98	Run5: 16.99	Run6: 16.99	Run7: 16.99	Run8: 151.30	Run9: 151.30		
Run10: 16.56	Run11: 311.31	Run12: 68.47	Run13: 122.02	Run14: NA					

Gyro Scribeline									
Run1: NA	Run2: NA	Run3: NA	Run5: NA	Run6: NA	Run7: NA	Run8: NA	Run9: NA		
Run10: NA	Run11: NA	Run12: NA	Run13: NA	Run14: NA					

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	26.00	0.00	0.00		26.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00
	155.00	0.26	222.71	63.52	155.00	-0.22	-0.20	0.20	0.21	0.29	129.00	0.20	-106.43
	239.00	0.17	252.95	68.92	239.00	-0.39	-0.45	0.17	0.39	0.59	84.00	-0.11	36.00
	336.00	0.35	257.94	323.02	336.00	-0.50	-0.87	0.19	0.49	1.01	97.00	0.19	5.14
	433.00	0.15	250.74	74.33	433.00	-0.60	-1.28	0.21	0.59	1.42	97.00	-0.21	-7.42
	527.00	0.09	198.88	74.33	527.00	-0.71	-1.42	0.13	0.70	1.59	94.00	-0.06	-55.17
	621.00	0.14	149.06	77.03	621.00	-0.88	-1.39	0.11	0.87	1.64	94.00	0.05	-53.00
	716.00	0.44	197.73	82.44	716.00	-1.33	-1.44	0.38	1.32	1.96	95.00	0.32	51.23
	810.00	0.40	203.22	85.14	809.99	-1.97	-1.68	0.06	1.96	2.59	94.00	-0.04	5.84
	870.00	0.40	218.37	82.44	869.99	-2.33	-1.89	0.18	2.32	3.00	60.00	0.00	25.25
	964.00	0.36	217.50	77.03	963.99	-2.82	-2.28	0.04	2.80	3.62	94.00	-0.04	-0.93
	1059.00	0.19	212.41	82.44	1058.99	-3.19	-2.54	0.18	3.17	4.08	95.00	-0.18	-5.36
	1153.00	0.19	168.90	95.95	1152.99	-3.47	-2.60	0.15	3.46	4.34	94.00	0.00	-46.29
	1248.00	0.11	196.11	106.77	1247.99	-3.72	-2.59	0.11	3.70	4.53	95.00	-0.08	28.64
	1342.00	2.65	269.27	106.77	1341.95	-3.83	-4.79	2.79	3.80	6.13	94.00	2.70	77.83
	1451.00	6.48	261.03	101.36	1450.59	-4.82	-13.39	3.56	4.73	14.23	109.00	3.51	-7.56
	1521.00	7.03	258.55	77.03	1520.10	-6.29	-21.49	0.89	6.15	22.39	70.00	0.79	-3.54
	1615.00	5.37	253.69	93.25	1613.55	-8.66	-31.35	1.85	8.46	32.52	94.00	-1.77	-5.17
	1710.00	2.71	239.91	98.66	1708.31	-11.04	-37.56	2.96	10.80	39.15	95.00	-2.80	-14.51
	1804.00	1.76	237.02	104.06	1802.23	-12.94	-40.69	1.02	12.68	42.70	94.00	-1.01	-3.07
	1898.00	1.59	241.66	104.06	1896.19	-14.34	-43.05	0.23	14.07	45.38	94.00	-0.18	4.94
	1993.00	1.16	231.59	106.77	1991.17	-15.57	-44.96	0.52	15.28	47.58	95.00	-0.45	-10.60
	2087.00	0.84	222.61	104.06	2085.15	-16.67	-46.18	0.38	16.37	49.09	94.00	-0.34	-9.55
	2182.00	0.79	247.74	106.77	2180.14	-17.43	-47.25	0.38	17.12	50.36	95.00	-0.05	26.45
	2276.00	0.70	223.80	109.47	2274.14	-18.09	-48.25	0.34	17.77	51.53	94.00	-0.10	-25.47
	2370.00	0.26	165.05	109.47	2368.13	-18.71	-48.59	0.65	18.39	52.07	94.00	-0.47	-62.50
	2465.00	0.61	132.63	109.47	2463.13	-19.26	-48.17	0.44	18.95	51.87	95.00	0.37	-34.13
	2559.00	0.46	138.38	109.47	2557.13	-19.88	-47.55	0.17	19.57	51.53	94.00	-0.16	6.12
	2654.00	1.37	112.09	109.47	2652.11	-20.59	-46.24	1.03	20.29	50.62	95.00	0.96	-27.67
	2748.00	1.65	98.39	109.47	2746.08	-21.21	-43.86	0.48	20.93	48.72	94.00	0.30	-14.57
	2842.00	2.60	87.64	109.47	2840.02	-21.32	-40.39	1.09	21.06	45.67	94.00	1.01	-11.44
	2937.00	2.22	88.57	112.17	2934.93	-21.19	-36.40	0.40	20.95	42.12	95.00	-0.40	0.98
	3031.00	1.65	91.90	117.58	3028.88	-21.19	-33.23	0.62	20.97	39.41	94.00	-0.61	3.54
	3125.00	1.69	93.00	106.77	3122.84	-21.30	-30.49	0.05	21.11	37.19	94.00	0.04	1.17
	3219.00	1.26	102.52	104.06	3216.81	-21.60	-28.10	0.52	21.42	35.44	94.00	-0.46	10.13
	3313.00	1.71	84.30	98.66	3310.77	-21.68	-25.69	0.69	21.52	33.62	94.00	0.48	-19.38
	3408.00	1.90	83.98	104.06	3405.73	-21.38	-22.72	0.20	21.23	31.19	95.00	0.20	-0.34
	3502.00	2.83	79.29	104.06	3499.65	-20.78	-18.89	1.01	20.66	28.08	94.00	0.99	-4.99
	3545.00	3.03	75.81	104.06	3542.59	-20.31	-16.74	0.62	20.20	26.32	43.00	0.47	-8.09
	3596.00	2.67	72.17	85.14	3593.53	-19.61	-14.30	0.79	19.52	24.27	51.00	-0.71	-7.14
	3691.00	2.93	73.56	87.84	3688.41	-18.25	-9.87	0.28	18.18	20.75	95.00	0.27	1.46
	3785.00	3.66	69.57	223.00	3782.26	-16.52	-4.75	0.81	16.49	17.19	94.00	0.78	-4.24
	3879.00	2.35	48.17	90.55	3876.13	-14.19	-0.50	1.81	14.19	14.20	94.00	-1.39	-22.77
	3993.00	2.26	16.74	71.62	3990.04	-10.48	1.88	1.10	10.49	10.65	114.00	-0.08	-27.57



	4068.00	2.67	18.36	63.52	4064.97	-7.40	2.86	0.55	7.42	7.94	75.00	0.55	2.16
	4163.00	3.26	8.75	60.81	4159.84	-2.63	3.97	0.81	2.66	4.76	95.00	0.62	-10.12
	4257.00	1.33	334.29	63.52	4253.77	0.99	3.90	2.44	-0.97	4.03	94.00	-2.05	-36.66
	4351.00	1.92	326.06	68.92	4347.73	3.28	2.55	0.67	-3.26	4.16	94.00	0.63	-8.76
	4445.00	1.12	288.32	71.62	4441.70	4.88	0.80	1.32	-4.87	4.94	94.00	-0.85	-40.15
	4539.00	1.19	308.60	74.33	4535.68	5.77	-0.84	0.44	-5.78	5.83	94.00	0.07	21.57
	4633.00	1.17	319.64	77.03	4629.66	7.11	-2.22	0.24	-7.13	7.45	94.00	-0.02	11.74
	4727.00	1.17	346.76	63.52	4723.64	8.78	-3.06	0.58	-8.80	9.30	94.00	0.00	28.85
	4821.00	0.99	323.02	82.44	4817.63	10.36	-3.77	0.51	-10.39	11.03	94.00	-0.19	-25.26
	4916.00	0.98	353.41	85.14	4912.61	11.83	-4.36	0.54	-11.85	12.60	95.00	-0.01	31.99
	5010.00	0.63	329.63	85.14	5006.60	13.07	-4.71	0.51	-13.10	13.89	94.00	-0.37	-25.30
	5104.00	0.40	327.79	85.14	5100.60	13.79	-5.15	0.25	-13.83	14.72	94.00	-0.24	-1.96
	5198.00	0.72	4.32	85.14	5194.59	14.66	-5.28	0.49	-14.69	15.58	94.00	0.34	38.86
	5293.00	0.65	10.20	87.84	5289.59	15.79	-5.14	0.10	-15.82	16.60	95.00	-0.07	6.19
	5387.00	0.41	2.47	85.14	5383.58	16.65	-5.03	0.27	-16.68	17.39	94.00	-0.26	-8.22
	5501.00	0.34	351.31	106.77	5497.58	17.39	-5.06	0.09	-17.42	18.11	114.00	-0.06	-9.79
	5595.00	0.64	340.05	112.17	5591.58	18.16	-5.28	0.33	-18.19	18.91	94.00	0.32	-11.98
	5690.00	0.57	318.59	117.58	5686.57	19.01	-5.78	0.25	-19.05	19.87	95.00	-0.07	-22.59
	5784.00	0.49	273.30	117.58	5780.57	19.38	-6.49	0.44	-19.43	20.44	94.00	-0.09	-48.18
	5878.00	0.52	238.04	141.91	5874.57	19.18	-7.25	0.33	-19.23	20.51	94.00	0.03	-37.51
	5972.00	2.42	262.13	131.09	5968.53	18.68	-9.58	2.08	-18.75	21.00	94.00	2.02	25.63
	6066.00	5.01	267.82	131.09	6062.33	18.26	-15.65	2.78	-18.36	24.04	94.00	2.76	6.05
	6161.00	7.40	272.48	136.50	6156.76	18.36	-25.91	2.57	-18.53	31.75	95.00	2.52	4.91
	6255.00	9.28	272.67	139.20	6249.76	18.98	-39.53	2.00	-19.23	43.85	94.00	2.00	0.20
	6349.00	8.73	275.36	133.80	6342.61	20.00	-54.20	0.74	-20.35	57.77	94.00	-0.59	2.86
	6444.00	10.18	277.83	141.91	6436.31	21.81	-69.69	1.58	-22.26	73.03	95.00	1.53	2.60
	6538.00	10.42	279.14	141.91	6528.80	24.30	-86.32	0.36	-24.85	89.67	94.00	0.26	1.39
	6633.00	10.30	279.84	144.61	6622.25	27.11	-103.17	0.18	-27.78	106.67	95.00	-0.13	0.74
	6727.00	9.29	277.44	141.91	6714.88	29.53	-118.97	1.16	-30.30	122.58	94.00	-1.07	-2.55
	6822.00	11.85	277.48	147.31	6808.26	31.79	-136.25	2.69	-32.67	139.91	95.00	2.69	0.04
	6916.00	12.07	275.81	147.31	6900.22	34.05	-155.60	0.44	-35.05	159.28	94.00	0.23	-1.78
	7011.00	10.68	271.65	147.31	6993.35	35.30	-174.28	1.70	-36.43	177.82	95.00	-1.46	-4.38
	7105.00	9.51	273.66	147.31	7085.90	36.05	-190.73	1.30	-37.28	194.11	94.00	-1.24	2.14
	7199.00	11.06	271.11	147.31	7178.38	36.72	-207.50	1.72	-38.06	210.72	94.00	1.65	-2.71
	7293.00	12.37	272.70	150.02	7270.42	37.37	-226.57	1.44	-38.83	229.63	94.00	1.39	1.69
	7388.00	11.14	270.77	152.72	7363.43	37.97	-245.91	1.36	-39.56	248.83	95.00	-1.29	-2.03
	7482.00	9.99	270.08	150.02	7455.83	38.11	-263.15	1.23	-39.81	265.89	94.00	-1.22	-0.73
	7576.00	12.19	276.91	152.72	7548.08	39.31	-281.16	2.72	-41.13	283.89	94.00	2.34	7.27
	7670.00	13.03	279.65	155.42	7639.81	42.28	-301.46	1.10	-44.23	304.41	94.00	0.89	2.91
	7764.00	11.44	277.15	155.42	7731.67	45.22	-321.15	1.78	-47.29	324.32	94.00	-1.69	-2.66
	7858.00	10.37	275.17	152.72	7823.97	47.14	-338.83	1.21	-49.33	342.09	94.00	-1.14	-2.11
	7953.00	11.61	278.70	155.42	7917.23	49.36	-356.79	1.48	-51.66	360.19	95.00	1.31	3.72
	8047.00	12.38	280.16	155.42	8009.18	52.57	-376.06	0.88	-54.99	379.72	94.00	0.82	1.55
	8141.00	11.16	280.98	158.12	8101.20	56.08	-394.91	1.31	-58.63	398.87	94.00	-1.30	0.87
	8235.00	10.39	278.03	155.42	8193.54	58.99	-412.24	1.01	-61.66	416.44	94.00	-0.82	-3.14
	8330.00	11.20	278.94	155.42	8286.86	61.62	-429.83	0.87	-64.40	434.23	95.00	0.85	0.96
	8424.00	13.67	277.88	152.72	8378.65	64.57	-449.86	2.64	-67.47	454.47	94.00	2.63	-1.13
	8518.00	13.53	276.19	155.42	8470.01	67.28	-471.79	0.45	-70.32	476.56	94.00	-0.15	-1.80
	8613.00	12.11	274.53	133.80	8562.64	69.26	-492.78	1.54	-72.44	497.62	95.00	-1.49	-1.75
	8707.00	13.36	279.28	141.91	8654.33	71.79	-513.32	1.73	-75.10	518.32	94.00	1.33	5.05
	8801.00	11.83	282.99	141.91	8746.07	75.71	-533.43	1.84	-79.15	538.78	94.00	-1.63	3.95
	8896.00	12.72	279.80	147.31	8838.90	79.68	-553.23	1.18	-83.25	558.94	95.00	0.94	-3.36
	8989.00	11.20	277.19	147.31	8929.88	82.55	-572.28	1.73	-86.24	578.20	93.00	-1.63	-2.81
	9084.00	10.47	277.06	147.31	9023.18	84.77	-590.00	0.77	-88.57	596.06	95.00	-0.77	-0.14
	9178.00	14.55	276.27	147.31	9114.93	87.11	-610.22	4.34	-91.05	616.41	94.00	4.34	-0.84
	9272.00	15.12	270.76	150.02	9205.80	88.56	-634.22	1.62	-92.65	640.37	94.00	0.61	-5.86
	9367.00	15.40	272.52	152.72	9297.45	89.28	-659.21	0.57	-93.53	665.23	95.00	0.29	1.85
	9461.00	13.15	267.75	152.72	9388.55	89.41	-682.37	2.70	-93.81	688.20	94.00	-2.39	-5.07
	9555.00	11.48	265.16	152.72	9480.38	88.20	-702.37	1.87	-92.73	707.89	94.00	-1.78	-2.76
	9649.00	11.81	272.81	155.42	9572.45	87.88	-721.30	1.68	-92.54	726.64	94.00	0.35	8.14
	9744.00	9.71	276.26	155.42	9665.78	89.23	-738.98	2.31	-94.00	744.35	95.00	-2.21	3.63
	9838.00	8.79	275.48	152.72	9758.55	90.78	-754.01	0.99	-95.65	759.45	94.00	-0.98	-0.83
	9932.00	11.23	279.27	152.72	9851.12	92.94	-770.19	2.69	-97.91	775.78	94.00	2.60	4.03
	10026.00	13.48	278.98	147.31	9942.93	96.13	-790.05	2.39	-101.23	795.88	94.00	2.39	-0.31
	10121.00	11.90	279.18	155.42	10035.61	99.42	-810.66	1.66	-104.65	816.73	95.00	-1.66	0.21
	10215.00	10.58	278.10	155.42	10127.81	102.18	-828.77	1.42	-107.53	835.05	94.00	-1.40	-1.15
	10310.00	9.60	275.14	158.12	10221.34	104.12	-845.30	1.17	-109.57	851.68	95.00	-1.03	-3.12
	10404.00	8.29	268.60	158.12	10314.19	104.66	-859.88	1.76	-110.21	866.22	94.00	-1.39	-6.96
	10461.00	8.59	264.45	139.20	10370.58	104.14	-868.22	1.19	-109.75	874.45	57.00	0.53	-7.28
	10506.00	12.22	246.81	139.20	10414.84	101.94	-875.95	10.64	-107.60	881.86	45.00	8.07	-39.20
	10555.00	16.86	230.15	141.91	10462.28	95.34	-886.18	12.66	-101.06	891.30	49.00	9.47	-34.00
	10600.00	20.99	221.99	144.61	10504.84	85.16	-896.59	10.88	-90.95	900.63	45.00	9.18	-18.13
	10649.00	22.80	211.23	144.61	10550.33	70.51	-907.39	8.97	-76.37	910.12	49.00	3.69	-21.96
	10744.00	30.27	204.61	141.91	10635.28	32.94	-926.94	8.45	-38.93	927.52	95.00	7.86	-6.97



	10838.00	39.07	196.29	141.91	10712.55	-17.16	-945.16	10.61	11.05	945.31	94.00	9.36	-8.85
	10932.00	43.99	182.86	141.91	10783.04	-78.35	-955.12	10.80	72.18	958.33	94.00	5.23	-14.29
	11027.00	51.60	175.38	141.91	10846.87	-148.56	-953.77	9.90	142.40	965.27	95.00	8.01	-7.87
	11068.00	54.31	173.49	141.91	10871.56	-181.13	-950.58	7.56	174.99	967.69	41.00	6.61	-4.61
	11122.00	59.85	174.83	139.20	10900.90	-226.20	-945.99	10.47	220.09	972.66	54.00	10.26	2.48
	11216.00	73.95	177.65	139.20	10937.69	-312.26	-940.45	15.25	306.18	990.93	94.00	15.00	3.00
	11310.00	79.82	177.26	90.55	10959.01	-403.68	-936.38	6.26	397.62	1019.69	94.00	6.24	-0.41
	11383.00	85.81	177.10	144.61	10968.14	-475.98	-932.82	8.21	469.95	1047.24	73.00	8.21	-0.22
	11412.00	88.18	177.44	136.50	10969.66	-504.91	-931.44	8.26	498.88	1059.48	29.00	8.17	1.17
	11506.00	89.94	179.12	147.31	10971.20	-598.85	-928.62	2.59	592.84	1104.96	94.00	1.87	1.79
	11601.00	89.82	176.86	155.42	10971.40	-693.78	-925.28	2.38	687.79	1156.50	95.00	-0.13	-2.38
	11695.00	90.00	176.99	158.12	10971.55	-787.65	-920.24	0.24	781.69	1211.29	94.00	0.19	0.14
	11790.00	89.91	176.66	160.83	10971.62	-882.50	-914.98	0.36	876.57	1271.22	95.00	-0.09	-0.35
	11884.00	89.97	178.41	158.12	10971.72	-976.41	-910.94	1.86	970.51	1335.36	94.00	0.06	1.86
	11979.00	89.88	178.77	166.23	10971.85	-1071.38	-908.60	0.39	1065.49	1404.78	95.00	-0.09	0.38
	12073.00	90.03	178.48	168.94	10971.92	-1165.35	-906.34	0.35	1159.48	1476.32	94.00	0.16	-0.31
	12168.00	89.91	178.24	168.94	10971.97	-1260.31	-903.63	0.28	1254.45	1550.78	95.00	-0.13	-0.25
	12262.00	89.91	178.50	168.94	10972.12	-1354.28	-900.95	0.28	1348.43	1626.58	94.00	0.00	0.28
	12356.00	89.85	178.52	174.34	10972.32	-1448.24	-898.51	0.07	1442.41	1704.33	94.00	-0.06	0.02
	12450.00	89.94	178.65	179.75	10972.49	-1542.22	-896.19	0.17	1536.40	1783.70	94.00	0.10	0.14
	12544.00	89.35	179.57	177.05	10973.07	-1636.20	-894.73	1.16	1630.39	1864.86	94.00	-0.63	0.98
	12639.00	89.54	179.32	171.64	10973.99	-1731.19	-893.81	0.33	1725.38	1948.31	95.00	0.20	-0.26
	12733.00	89.32	179.38	177.05	10974.93	-1825.18	-892.74	0.24	1819.38	2031.81	94.00	-0.23	0.06
	12828.00	89.51	179.84	179.75	10975.89	-1920.17	-892.09	0.52	1914.37	2117.29	95.00	0.20	0.48
	12922.00	89.51	180.56	179.75	10976.70	-2014.17	-892.42	0.77	2008.36	2203.02	94.00	0.00	0.77
	13016.00	89.35	180.41	179.75	10977.63	-2108.16	-893.22	0.23	2102.35	2289.58	94.00	-0.17	-0.16
	13111.00	89.41	180.40	182.45	10978.66	-2203.15	-893.89	0.06	2197.33	2377.59	95.00	0.06	-0.01
	13205.00	89.38	180.17	177.05	10979.65	-2297.15	-894.36	0.25	2291.32	2465.11	94.00	-0.03	-0.24
	13299.00	89.35	180.42	179.75	10980.70	-2391.14	-894.84	0.27	2385.31	2553.09	94.00	-0.03	0.27
	13394.00	89.51	180.29	182.45	10981.64	-2486.13	-895.43	0.22	2480.30	2642.47	95.00	0.17	-0.14
	13489.00	90.00	180.49	182.45	10982.05	-2581.13	-896.08	0.56	2575.29	2732.25	95.00	0.52	0.21
	13583.00	89.91	180.26	185.16	10982.12	-2675.13	-896.69	0.26	2669.28	2821.41	94.00	-0.10	-0.24
	13677.00	89.85	180.47	185.16	10982.32	-2769.12	-897.29	0.23	2763.27	2910.87	94.00	-0.06	0.22
	13771.00	90.00	179.46	185.16	10982.44	-2863.12	-897.23	1.09	2857.27	3000.42	94.00	0.16	-1.07
	13865.00	89.94	179.33	185.16	10982.49	-2957.12	-896.24	0.15	2951.27	3089.95	94.00	-0.06	-0.14
	13959.00	89.88	179.54	185.16	10982.64	-3051.11	-895.31	0.23	3045.27	3179.76	94.00	-0.06	0.22
	14054.00	89.82	179.29	185.16	10982.89	-3146.11	-894.34	0.27	3140.27	3270.76	95.00	-0.06	-0.26
	14147.00	90.12	179.35	185.16	10982.94	-3239.10	-893.24	0.33	3233.27	3360.01	93.00	0.32	0.06
	14242.00	89.63	179.52	187.86	10983.14	-3334.10	-892.30	0.55	3328.26	3451.43	95.00	-0.52	0.18
	14336.00	89.85	179.48	187.86	10983.57	-3428.09	-891.48	0.24	3422.26	3542.11	94.00	0.23	-0.04
	14430.00	89.88	179.24	190.56	10983.79	-3522.09	-890.43	0.26	3516.26	3632.90	94.00	0.03	-0.26
	14525.00	90.12	179.59	187.86	10983.79	-3617.08	-889.46	0.45	3611.26	3724.84	95.00	0.25	0.37
	14619.00	89.91	179.55	190.56	10983.77	-3711.08	-888.76	0.23	3705.26	3816.02	94.00	-0.22	-0.04
	14713.00	89.88	179.43	190.56	10983.94	-3805.07	-887.92	0.13	3799.26	3907.30	94.00	-0.03	-0.13
	14808.00	89.97	179.36	190.56	10984.06	-3900.07	-886.92	0.12	3894.26	3999.64	95.00	0.09	-0.07
	14902.00	89.82	179.26	190.56	10984.24	-3994.06	-885.78	0.19	3988.26	4091.10	94.00	-0.16	-0.11
	14996.00	89.72	179.50	193.27	10984.61	-4088.05	-884.77	0.28	4082.26	4182.70	94.00	-0.11	0.26
	15090.00	90.00	179.44	193.27	10984.84	-4182.05	-883.90	0.30	4176.26	4274.44	94.00	0.30	-0.06
	15184.00	89.85	179.44	193.27	10984.97	-4276.05	-882.98	0.16	4270.25	4366.26	94.00	-0.16	0.00
	15279.00	90.00	179.37	193.27	10985.09	-4371.04	-881.99	0.17	4365.25	4459.14	95.00	0.16	-0.07
	15373.00	90.00	179.27	193.27	10985.09	-4465.03	-880.88	0.11	4459.25	4551.10	94.00	0.00	-0.11
	15467.00	89.94	178.80	193.27	10985.14	-4559.02	-879.29	0.50	4553.25	4643.04	94.00	-0.06	-0.50
	15561.00	90.12	179.57	195.97	10985.09	-4653.01	-877.96	0.84	4647.24	4735.11	94.00	0.19	0.82
	15656.00	89.57	179.02	195.97	10985.35	-4748.00	-876.79	0.82	4742.24	4828.28	95.00	-0.58	-0.58
	15750.00	89.85	180.11	193.27	10985.82	-4842.00	-876.07	1.20	4836.24	4920.61	94.00	0.30	1.16
	15844.00	89.91	180.60	195.97	10986.02	-4935.99	-876.66	0.53	4930.23	5013.24	94.00	0.06	0.52
	15938.00	89.60	179.93	171.64	10986.42	-5029.99	-877.09	0.79	5024.22	5105.89	94.00	-0.33	-0.71
	16032.00	89.97	180.23	190.56	10986.77	-5123.99	-877.22	0.51	5118.22	5198.54	94.00	0.39	0.32
	16127.00	89.97	180.25	198.67	10986.82	-5218.99	-877.62	0.02	5213.21	5292.27	95.00	0.00	0.02
	16222.00	89.94	180.31	204.08	10986.90	-5313.99	-878.09	0.07	5308.21	5386.05	95.00	-0.03	0.06
	16316.00	90.34	180.46	201.37	10986.67	-5407.99	-878.72	0.45	5402.20	5478.91	94.00	0.43	0.16
	16504.00	90.03	180.62	204.08	10986.06	-5595.98	-880.49	0.19	5590.17	5664.82	188.00	-0.16	0.09
	16598.00	89.72	180.31	204.08	10986.27	-5689.97	-881.25	0.47	5684.16	5757.81	94.00	-0.33	-0.33
	16692.00	89.91	179.17	204.08	10986.57	-5783.97	-880.82	1.23	5778.16	5850.65	94.00	0.20	-1.21
	16786.00	90.03	179.42	201.37	10986.62	-5877.96	-879.67	0.30	5872.16	5943.42	94.00	0.13	0.27
	16881.00	89.88	179.34	204.08	10986.69	-5972.96	-878.64	0.18	5967.16	6037.24	95.00	-0.16	-0.08
	16975.00	89.75	179.28	198.67	10987.00	-6066.95	-877.51	0.15	6061.16	6130.08	94.00	-0.14	-0.06
	17069.00	89.85	179.25	206.78	10987.33	-6160.94	-876.30	0.11	6155.15	6222.95	94.00	0.11	-0.03
	17163.00	89.88	179.43	206.78	10987.55	-6254.93	-875.22	0.19	6249.15	6315.87	94.00	0.03	0.19
	17257.00	89.88	179.52	206.78	10987.74	-6348.93	-874.36	0.10	6343.15	6408.85	94.00	0.00	0.10
	17351.00	89.88	179.66	274.36	10987.94	-6442.93	-873.69	0.15	6437.15	6501.90	94.00	0.00	0.15
	17445.00	90.06	179.28	204.08	10987.99	-6536.92	-872.82	0.45	6531.15	6594.94	94.00	0.19	-0.40
	17539.00	89.66	179.46	209.48	10988.22	-6630.92	-871.78	0.47	6625.15	6687.98	94.00	-0.43	0.19
	17633.00	89.72	179.31	206.78	10988.73	-6724.91	-870.77	0.17	6719.15	6781.05	94.00	0.06	-0.16



	17727.00	89.57	179.49	206.78	10989.31	-6818.90	-869.79	0.25	6813.14	6874.15	94.00	-0.16	0.19
	17822.00	89.72	179.39	209.48	10989.90	-6913.90	-868.86	0.19	6908.14	6968.28	95.00	0.16	-0.11
	17916.00	89.78	179.39	209.48	10990.31	-7007.89	-867.86	0.06	7002.14	7061.42	94.00	0.06	0.00
	18010.00	89.48	179.49	206.78	10990.92	-7101.88	-866.94	0.34	7096.14	7154.60	94.00	-0.32	0.11
	18105.00	89.54	179.26	206.78	10991.73	-7196.88	-865.91	0.25	7191.13	7248.78	95.00	0.06	-0.24
	18198.00	89.75	179.45	204.08	10992.31	-7289.87	-864.86	0.30	7284.13	7340.99	93.00	0.23	0.20
	18293.00	89.75	179.26	206.78	10992.72	-7384.86	-863.79	0.20	7379.13	7435.21	95.00	0.00	-0.20
	18387.00	89.69	179.38	206.78	10993.18	-7478.85	-862.67	0.14	7473.13	7528.44	94.00	-0.06	0.13
	18424.00	89.63	178.96	206.78	10993.40	-7515.85	-862.14	1.15	7510.12	7565.13	37.00	-0.16	-1.14

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number
	MINIS 1 HKY FED COM	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

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

API #		
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.

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	

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well		
☐ Oil Well	☐ Gas Well	☐ Other
2. Name of Operator		
3a. Address	3b. Phone No. (include area code)	
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		

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: LOT 3 / 255 FNL / 1310 FWL / TWSP: 21S / RANGE: 32E / SECTION: 1 / LAT: 32.521944 / LONG: -103.632305 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 4 / 330 FNL / 540 FWL / TWSP: 21S / RANGE: 32E / SECTION: 1 / LAT: 32.521453 / LONG: -103.635452 (TVD: 10615 feet, MD: 11553 feet)

BHL: LOT M / 100 FSL / 400 FWL / TWSP: 21S / RANGE: 32E / SECTION: 1 / LAT: 32.501576 / LONG: -103.635452 (TVD: 10615 feet, MD: 18486 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 MINIS 1 HKY FEDERAL COM 6. Well Number: 8H												
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 WC-025 G-08 S213304D; 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	1	21S	32E		255	NORTH	1310	WEST	LEA								
BH:	M	1	21S	32E		127	SOUTH	399	WEST	LEA								
13. Date Spudded 01/25/2022	14. Date T.D. Reached 02/20/2022		15. Date Rig Released 02/24/2022		16. Date Completed (Ready to Produce) 04/04/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3703											
18. Total Measured Depth of Well 18460			19. Plug Back Measured Depth 18445		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run RBL											
22. Producing Interval(s), of this completion - Top, Bottom, Name 11139 - 18426 WC-025 G-08 S213304D; 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		94.0# J55 BTC		1500		26		1365 sxs										
13-3/8"		54.5# J55 BTC		3585		17.5		2545sxs										
9-5/8"		40# J55 LTC		5420		12.25		1025sxs										
5-1/2"		20# P110 BTC		18460		8.5		2695sxs										
24. LINER RECORD						25. TUBING RECORD												
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET											
26. Perforation record (interval, size, and number) 11139 - 18426 0.42 diameter 4SPF total 26588						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>18426'-18264'</td> <td>FRACTURE ALL STAGES W/914 BBLS HCl +</td> </tr> <tr> <td>18246'-11139'</td> <td>362617 BBLS SW W/10273120# 100 MESH +</td> </tr> <tr> <td></td> <td>5578260# 40/70 SAND</td> </tr> </table>					DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	18426'-18264'	FRACTURE ALL STAGES W/914 BBLS HCl +	18246'-11139'	362617 BBLS SW W/10273120# 100 MESH +		5578260# 40/70 SAND
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED																	
18426'-18264'	FRACTURE ALL STAGES W/914 BBLS HCl +																	
18246'-11139'	362617 BBLS SW W/10273120# 100 MESH +																	
	5578260# 40/70 SAND																	
28. PRODUCTION																		
Date First Production 4/05/2022		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) FLOWING				Well Status (<i>Prod. or Shut-in</i>) PROD												
Date of Test 06/08/2022	Hours Tested 24	Choke Size 64/64	Prod'n For Test Period	Oil - Bbl 1118	Gas - MCF 1118	Water - Bbl. 906	Gas - Oil Ratio 655											
Flow Tubing Press.	Casing Pressure 120	Calculated 24-Hour Rate	Oil - Bbl. 1118	Gas - MCF 1118	Water - Bbl. 906	Oil Gravity - API - (<i>Corr.</i>) 42.5												
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) sold/flared							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 02/13/2022										
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	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 3125	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 5375	T. Morrison	
T. Drinkard	T. Bone Springs 8705	T. Todilto	
T. Abo	T. 1ST BONE SPRING 9675	T. Entrada	
T. Wolfcamp	T. 2ND BONE SPRING 10185	T. Wingate	
T. Penn	T. 3RD BONE SPRING 11,163	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

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

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

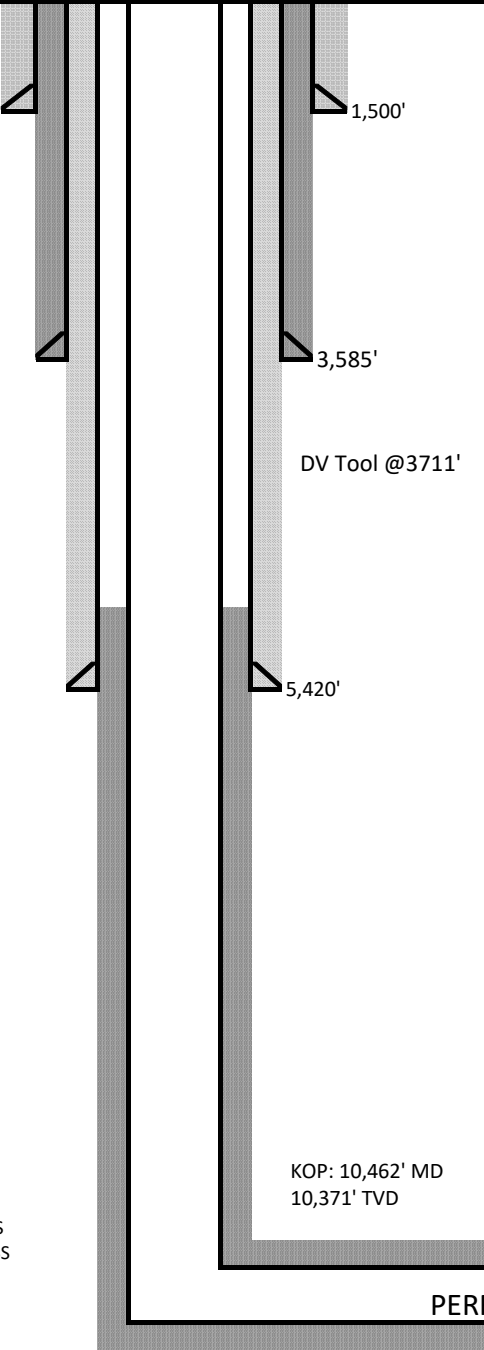
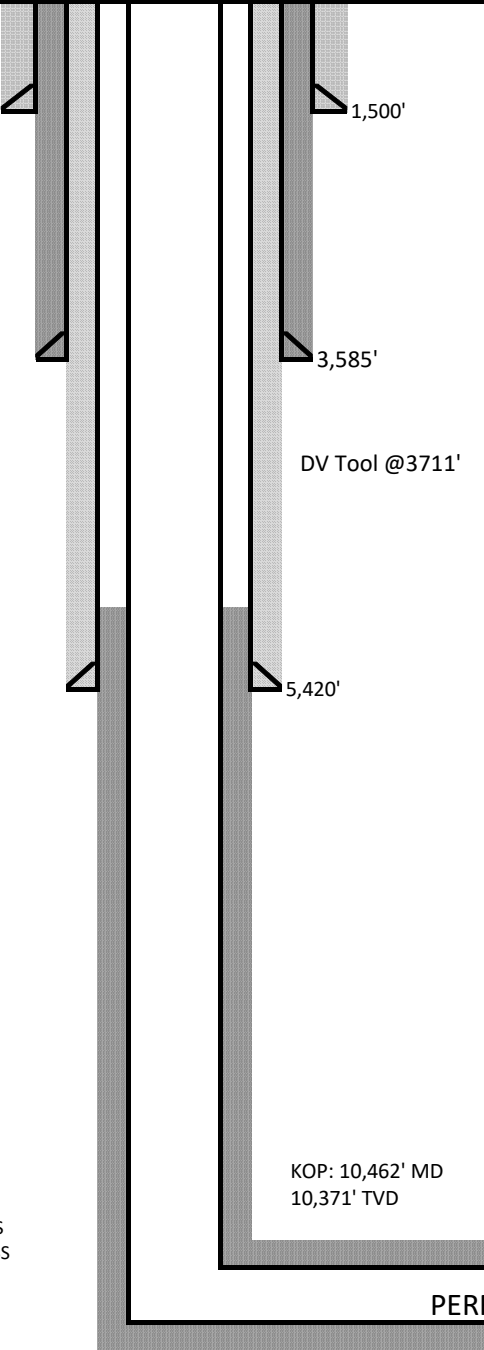
Include data on rate of water inflow and elevation to which water rose in hole.

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

Minis 1 Fed HKY Com 8H
API # 30-025-44849

TVD ft-RKB		Geological Tops	Wellbore Sketch	Hole Size	Casing	Drilling Fluids	Cement	OH Logs/Evaluation
2,000'		1,485 Rustler 1,865 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 170 sks Top of Tail: 1,000' 14.8 ppg 1.33 cuft/sk 1195 sks (Vol Calcs - 100% Excess)	
		3,125 Yates 3,535 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 1,735 sks Top of Tail: 3,085' 14.8 ppg 1.33 cuft/sk 810 sks (Vol Calcs - 200% Excess)	
		5,375 Delaware		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 Stage 2: 505 sks 2.79 cuft/sk Stage 1: 11.5 ppg 2.79 cuft/sk 270 sks Top of Tail: 4,900' 14.8 ppg 1.33 cuft/sk 250 sks (Vol Calcs - 100% Excess)	
		8,705 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: Surface 11.3 ppg 2.8 cuft/sk 930 sks Top of Tail: 9,500' 13.2 ppg 1.5 cuft/sk 1,765 sks (Vol Calcs - 15% Excess)	PBTD @ 18,445' MD/10,993' TVD
10,000'		9,675 1st Bone Spring SS 10,185 2nd Bone Spring SS		PROD CASING SET @ 18,449'				
11,000'		11,163 3rd Bone Spring SS		PERFORATE 11,139' - 18,426'				PBTD 18445 18,460' MD 10,993' TVD

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 185500

ACKNOWLEDGMENTS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 185500
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

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

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 185500

CONDITIONS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 185500
	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.	1/27/2025
plmartinez	Please submit Well Log (s) as documented on the C-105 and submit as [UF-WL] EP Well Log Submission.	1/27/2025