

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

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

Submit one copy to appropriate District Office

☒ AMENDED REPORT
New Well 03/03/23

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EARTHSTONE OPERATING, LLC 1400 WOODLOCH FOREST DR., SUITE 300 THE WOODLANDS, TX 77380		² OGRID Number 331165
		³ Reason for Filing Code/ Effective Date NW 03/03/2023
⁴ API Number 30 - 015-49810	⁵ Pool Name PURPLE SAGE; WOLFCAMP	⁶ Pool Code 98220
⁷ Property Code 332535	⁸ Property Name DARK CANYON 15 22 STATE COM WCA	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
B	15	23S	26E		181	NORTH	1468	EAST	EDDY

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
G	22	23S	26E		2302	NORTH	2237	EAST	EDDY
¹² Lse Code S	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
371960	LUCID ENERGY DELAWARE, LLC	G
20667	SHELL PIPELINE CORPORATION	O
35246	SHELL TRADING US COMPANY	O

IV. Well Completion Data

²¹ Spud Date 10/26/2022	²² Ready Date 03/03/2023	²³ TD 16192'	²⁴ PBDT NA	²⁵ Perforations 9065' - 16165'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5"		13.375", 54.5#, J-55	551' MD		800
12.25"		9.625", 40#, J-55 BTC	1910' MD		755
7.875"		5.5", 20#, VARN HC P-110	16192' MD		1640

V. Well Test Data

³¹ Date New Oil 03/04/2023	³² Gas Delivery Date 03/04/2023	³³ Test Date 03/25/2023	³⁴ Test Length 24	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 575
³⁷ Choke Size 80	³⁸ Oil 1129	³⁹ Water 4989	⁴⁰ Gas 2612		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. REGULATORY ANALYST			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: dmarberry@EARTHSTONEENERGY.COM			Approval Date: <i>1/30/2025</i>		
Date: 06/01/2023		Phone: 281-298-4246 ext. 3091			

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-49810	² Pool Code 98820	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 332535	⁵ Property Name DARK CANYON 15-22 WCA	⁶ Well Number 6H
⁷ OGRID No. 331165	⁸ Operator Name EARTHSTONE OPERATING, LLC	⁹ Elevation 3304.0

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
B	15	23 S	26 E		181	NORTH	1468	EAST	EDDY

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
G	22	23 S	26 E		2302	NORTH	2237	EAST	EDDY

¹² Dedicated Acres 480	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.

	DARK CANYON 15-22 WCA 6H EL. = 3304.0 GEODETIC COORDINATES NAD 27 NMSP EAST SURFACE LOCATION N. = 476946.65 E. = 517559.20 LAT. = 32.3112299°N LONG. = 104.2764970°W KICK OFF POINT 76' FNL, 2137' FEL NAD 27 NMSP EAST N. = 477036.24 E. = 516890.11 LAT. = 32.3114771°N LONG. = 104.2786626°W FIRST TAKE POINT 508' FNL, 2232' FEL NAD 27 NMSP EAST N. = 476601.04 E. = 516796.05 LAT. = 32.3102809°N LONG. = 104.2789677°W LAST TAKE POINT 2275' FNL, 2239' FEL NAD 27 NMSP EAST N. = 469516.33 E. = 516772.07 LAT. = 32.2908054°N LONG. = 104.2790570°W BOTTOM OF HOLE NAD 27 NMSP EAST N. = 469489.36 E. = 516773.15 LAT. = 32.2907312°N LONG. = 104.2790535°W CORNER COORDINATES TABLE NAD 27 NMSP EAST A - N. = 477163.37 E. = 519026.97 B - N. = 477098.43 E. = 516336.90 C - N. = 471778.47 E. = 516340.72 D - N. = 468487.19 E. = 516345.09 E - N. = 468547.68 E. = 519034.49 F - N. = 469205.48 E. = 519007.63 G - N. = 471858.09 E. = 519029.47 H - N. = 474510.73 E. = 519028.22 CORNER COORDINATES TABLE NAD 83 NMSP EAST A - N. = 477221.93 E. = 560208.72 B - N. = 477156.92 E. = 557518.61 C - N. = 471836.81 E. = 557522.54 D - N. = 468545.39 E. = 557527.02 E - N. = 466605.92 E. = 560216.45 F - N. = 469263.81 E. = 560189.54 G - N. = 471916.49 E. = 560211.33 H - N. = 474569.21 E. = 560210.02	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>Jennifer Elrod</i> 03/15/2023 Signature Date JENNIFER ELROD Printed Name JELROD@EARTHSTONEENERGY.COM E-mail Address
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. MARCH 13, 2023 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 SURVEY NO. 7513C	

Earthstone Operating, LLC

Eddy County, NM (NAD 83 NME)

Dark Canyon State

Dark Canyon 15-22 WCA 6H

OH Wellbore

Design: As Drilled

Standard Survey Report

13 December, 2022



www.scientificdrilling.com



Scientific Drilling

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 6H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Precision 597 3304 GL + 25 KB @ 3329.00usft
Site:	Dark Canyon State	MD Reference:	Precision 597 3304 GL + 25 KB @ 3329.00usft
Well:	Dark Canyon 15-22 WCA 6H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

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

Site		Dark Canyon State, Surface Hole of Dark Canyon 6H			
Site Position:		Northing:	477,005.16 usft	Latitude:	32.311348
From:	Map	Easting:	558,740.94 usft	Longitude:	-104.277000
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.03 °

Well	Dark Canyon 15-22 WCA 6H, Wolfcamp horizontal					
Well Position	+N/-S	0.00 usft	Northing:	477,005.16 usft	Latitude:	32.311348
	+E/-W	0.00 usft	Easting:	558,740.94 usft	Longitude:	-104.277000
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,329.00 usft	Ground Level:	3,304.00 usft

Wellbore	OH Wellbore				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM2022	10/13/2022	6.93	59.90	47,532.00000000

Design	As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	186.11	

Survey Program	Date	12/13/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
192.00	16,192.00	MWD Survey #1 (OH Wellbore)	MWD	MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
192.00	1.54	271.33	191.98	0.06	-2.58	0.22	0.80	0.80	0.00	
223.00	1.58	273.55	222.97	0.10	-3.42	0.27	0.23	0.13	7.16	
255.00	1.32	264.50	254.96	0.09	-4.23	0.36	1.08	-0.81	-28.28	
286.00	1.49	278.03	285.95	0.11	-4.98	0.42	1.20	0.55	43.65	
318.00	1.36	266.43	317.94	0.14	-5.78	0.47	0.99	-0.41	-36.25	
349.00	1.71	273.38	348.92	0.15	-6.60	0.55	1.28	1.13	22.42	
381.00	1.36	263.71	380.91	0.14	-7.46	0.66	1.36	-1.09	-30.22	
413.00	1.54	267.44	412.90	0.07	-8.27	0.81	0.63	0.56	11.66	
444.00	1.23	286.63	443.89	0.15	-9.00	0.81	1.79	-1.00	61.90	

Scientific Drilling

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 6H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Precision 597 3304 GL + 25 KB @ 3329.00usft
Site:	Dark Canyon State	MD Reference:	Precision 597 3304 GL + 25 KB @ 3329.00usft
Well:	Dark Canyon 15-22 WCA 6H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
476.00	1.14	261.48	475.89	0.20	-9.64	0.83	1.64	-0.28	-78.59	
507.00	1.01	287.97	506.88	0.24	-10.21	0.85	1.64	-0.42	85.45	
561.00	0.97	294.62	560.87	0.58	-11.08	0.60	0.23	-0.07	12.31	
653.00	1.21	295.20	652.86	1.32	-12.66	0.04	0.26	0.26	0.63	
744.00	1.01	308.02	743.84	2.22	-14.17	-0.70	0.35	-0.22	14.09	
835.00	0.89	34.88	834.83	3.29	-14.39	-1.74	1.44	-0.13	95.45	
926.00	2.31	60.07	925.80	4.79	-12.40	-3.44	1.71	1.56	27.68	
1,017.00	3.51	66.33	1,016.68	6.82	-8.26	-5.90	1.36	1.32	6.88	
1,111.00	3.96	66.97	1,110.48	9.25	-2.64	-8.91	0.48	0.48	0.68	
1,205.00	5.88	62.97	1,204.13	12.70	4.64	-13.13	2.07	2.04	-4.26	
1,274.00	6.96	60.51	1,272.69	16.37	11.43	-17.49	1.61	1.57	-3.57	
1,300.00	6.52	55.21	1,298.51	17.99	14.01	-19.38	2.93	-1.69	-20.38	
1,331.00	5.55	50.26	1,329.34	19.95	16.61	-21.60	3.55	-3.13	-15.97	
1,363.00	3.88	42.33	1,361.23	21.74	18.53	-23.59	5.59	-5.22	-24.78	
1,394.00	2.45	38.23	1,392.18	23.04	19.65	-25.00	4.67	-4.61	-13.23	
1,425.00	1.17	337.00	1,423.17	23.85	19.93	-25.83	6.93	-4.13	-197.52	
1,457.00	1.84	278.00	1,455.16	24.22	19.30	-26.14	4.98	2.09	-184.38	
1,488.00	3.15	262.89	1,486.13	24.18	17.96	-25.96	4.69	4.23	-48.74	
1,520.00	4.90	261.89	1,518.05	23.88	15.73	-25.42	5.47	5.47	-3.13	
1,583.00	6.58	256.38	1,580.73	22.65	9.56	-23.54	2.80	2.67	-8.75	
1,677.00	7.05	254.30	1,674.07	19.82	-1.23	-19.58	0.56	0.50	-2.21	
1,772.00	6.61	247.26	1,768.40	16.13	-11.88	-14.78	0.99	-0.46	-7.41	
1,873.00	6.20	233.98	1,868.77	10.68	-21.66	-8.31	1.52	-0.41	-13.15	
2,009.00	6.09	229.73	2,003.99	1.69	-33.10	1.84	0.34	-0.08	-3.13	
2,104.00	5.86	226.14	2,098.47	-4.92	-40.44	9.20	0.46	-0.24	-3.78	
2,199.00	5.67	228.16	2,192.99	-11.41	-47.44	16.40	0.29	-0.20	2.13	
2,293.00	6.23	202.64	2,286.50	-19.22	-52.86	24.74	2.85	0.60	-27.15	
2,387.00	5.58	201.92	2,380.00	-28.17	-56.53	34.02	0.70	-0.69	-0.77	
2,482.00	5.08	202.97	2,474.59	-36.32	-59.89	42.49	0.54	-0.53	1.11	
2,577.00	4.41	201.03	2,569.27	-43.61	-62.85	50.05	0.73	-0.71	-2.04	
2,671.00	4.23	200.32	2,663.00	-50.23	-65.35	56.90	0.20	-0.19	-0.76	
2,766.00	4.52	207.00	2,757.72	-56.85	-68.26	63.79	0.62	0.31	7.03	
2,858.00	5.73	237.23	2,849.37	-62.57	-73.77	70.07	3.17	1.32	32.86	
2,953.00	8.00	254.01	2,943.69	-66.96	-84.12	75.53	3.16	2.39	17.66	
3,048.00	9.84	251.69	3,037.54	-71.33	-98.18	81.37	1.97	1.94	-2.44	
3,142.00	9.41	249.57	3,130.22	-76.53	-113.01	88.13	0.59	-0.46	-2.26	
3,236.00	9.33	249.64	3,222.96	-81.87	-127.35	94.96	0.09	-0.09	0.07	
3,331.00	9.44	248.94	3,316.69	-87.35	-141.84	101.95	0.17	0.12	-0.74	
3,426.00	9.38	248.53	3,410.41	-92.98	-156.32	109.09	0.09	-0.06	-0.43	
3,520.00	8.84	245.12	3,503.23	-98.82	-170.00	116.36	0.81	-0.57	-3.63	
3,616.00	8.76	244.67	3,598.10	-105.05	-183.30	123.97	0.11	-0.08	-0.47	
3,711.00	7.83	241.55	3,692.10	-111.23	-195.53	131.41	1.09	-0.98	-3.28	
3,806.00	6.89	238.06	3,786.32	-117.33	-206.05	138.59	1.10	-0.99	-3.67	
3,900.00	9.39	245.65	3,879.37	-123.47	-217.82	145.96	2.89	2.66	8.07	

Scientific Drilling

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 6H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Precision 597 3304 GL + 25 KB @ 3329.00usft
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Well:	Dark Canyon 15-22 WCA 6H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,995.00	8.90	243.00	3,973.16	-130.01	-231.43	153.90	0.68	-0.52	-2.79
4,090.00	8.24	242.91	4,067.10	-136.44	-244.04	161.64	0.69	-0.69	-0.09
4,184.00	8.07	262.76	4,160.17	-140.34	-256.59	166.86	2.99	-0.18	21.12
4,277.00	9.04	283.09	4,252.15	-139.51	-270.18	167.48	3.39	1.04	21.86
4,371.00	8.32	282.23	4,345.08	-136.40	-284.02	165.85	0.78	-0.77	-0.91
4,466.00	7.88	279.87	4,439.13	-133.82	-297.15	164.69	0.58	-0.46	-2.48
4,561.00	7.34	277.32	4,533.29	-131.94	-309.59	164.14	0.67	-0.57	-2.68
4,655.00	8.41	302.04	4,626.43	-127.52	-321.38	161.00	3.74	1.14	26.30
4,750.00	8.72	302.95	4,720.37	-119.92	-333.31	154.72	0.36	0.33	0.96
4,844.00	8.30	299.29	4,813.34	-112.72	-345.20	148.83	0.73	-0.45	-3.89
4,938.00	7.66	295.55	4,906.43	-106.70	-356.77	144.07	0.88	-0.68	-3.98
5,034.00	7.23	293.84	5,001.62	-101.50	-368.07	140.10	0.50	-0.45	-1.78
5,128.00	6.66	291.78	5,094.93	-97.09	-378.54	136.83	0.66	-0.61	-2.19
5,223.00	6.34	296.04	5,189.32	-92.74	-388.37	133.55	0.61	-0.34	4.48
5,318.00	6.63	309.17	5,283.71	-86.97	-397.34	128.77	1.59	0.31	13.82
5,413.00	7.01	303.58	5,378.04	-80.30	-406.42	123.11	0.80	0.40	-5.88
5,507.00	6.25	294.15	5,471.42	-75.04	-415.87	118.88	1.41	-0.81	-10.03
5,601.00	5.46	292.84	5,564.92	-71.21	-424.66	116.00	0.85	-0.84	-1.39
5,695.00	7.43	301.55	5,658.33	-66.29	-433.96	112.11	2.33	2.10	9.27
5,789.00	9.27	315.49	5,751.34	-57.71	-444.45	104.69	2.90	1.96	14.83
5,884.00	10.32	323.24	5,844.95	-45.44	-454.91	93.60	1.77	1.11	8.16
5,978.00	9.74	328.08	5,937.52	-31.94	-464.15	81.16	1.09	-0.62	5.15
6,073.00	8.27	325.79	6,031.35	-19.47	-472.24	69.62	1.59	-1.55	-2.41
6,168.00	8.31	319.47	6,125.36	-8.60	-480.54	59.70	0.96	0.04	-6.65
6,263.00	8.14	316.04	6,219.38	1.46	-489.67	50.67	0.55	-0.18	-3.61
6,358.00	6.55	310.66	6,313.60	9.83	-498.45	43.28	1.82	-1.67	-5.66
6,453.00	8.19	295.19	6,407.82	16.24	-508.69	38.00	2.70	1.73	-16.28
6,547.00	7.49	287.65	6,500.94	20.95	-520.59	34.58	1.32	-0.74	-8.02
6,642.00	5.80	275.27	6,595.31	23.27	-531.27	33.41	2.32	-1.78	-13.03
6,736.00	5.01	270.92	6,688.89	23.77	-540.10	33.85	0.95	-0.84	-4.63
6,831.00	6.69	275.25	6,783.39	24.34	-549.76	34.31	1.83	1.77	4.56
6,926.00	5.81	279.34	6,877.82	25.63	-560.01	34.12	1.04	-0.93	4.31
7,020.00	7.06	289.44	6,971.23	28.32	-570.16	32.52	1.79	1.33	10.74
7,115.00	5.52	279.48	7,065.66	31.02	-580.17	30.91	1.98	-1.62	-10.48
7,209.00	6.34	278.75	7,159.16	32.55	-589.76	30.40	0.88	0.87	-0.78
7,305.00	6.26	280.19	7,254.58	34.29	-600.15	29.79	0.18	-0.08	1.50
7,398.00	5.85	298.61	7,347.07	37.45	-609.30	27.61	2.13	-0.44	19.81
7,493.00	6.09	292.66	7,441.55	41.71	-618.20	24.32	0.70	0.25	-6.26
7,587.00	6.20	308.38	7,535.02	46.79	-626.78	20.19	1.79	0.12	16.72
7,682.00	7.03	327.05	7,629.40	54.85	-633.97	12.94	2.41	0.87	19.65
7,776.00	4.56	330.42	7,722.91	62.93	-638.94	5.44	2.65	-2.63	3.59
7,872.00	3.97	328.17	7,818.64	69.07	-642.58	-0.28	0.64	-0.61	-2.34
7,967.00	4.50	323.92	7,913.38	74.88	-646.51	-5.64	0.65	0.56	-4.47

Scientific Drilling

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 6H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Precision 597 3304 GL + 25 KB @ 3329.00usft
Site:	Dark Canyon State	MD Reference:	Precision 597 3304 GL + 25 KB @ 3329.00usft
Well:	Dark Canyon 15-22 WCA 6H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,061.00	10.03	308.22	8,006.60	82.93	-655.12	-12.73	6.20	5.88	-16.70
8,155.00	9.65	281.73	8,099.27	89.60	-669.27	-17.85	4.79	-0.40	-28.18
8,249.00	13.23	257.12	8,191.44	88.80	-687.49	-15.12	6.36	3.81	-26.18
8,345.00	19.68	232.48	8,283.56	76.48	-711.07	-0.36	9.76	6.72	-25.67
8,439.00	23.00	208.61	8,371.27	50.66	-732.46	27.59	9.81	3.53	-25.39
8,532.00	28.22	193.55	8,455.20	13.27	-746.34	66.24	8.93	5.61	-16.19
8,627.00	33.23	185.28	8,536.87	-34.54	-754.01	114.60	6.89	5.27	-8.71
8,721.00	37.28	182.79	8,613.62	-88.64	-757.76	168.80	4.57	4.31	-2.65
8,816.00	39.70	181.16	8,687.97	-147.73	-759.78	227.76	2.76	2.55	-1.72
8,909.00	47.92	179.56	8,755.03	-212.05	-760.12	291.75	8.92	8.84	-1.72
FTP Dark Canyon 6H									
9,003.00	61.34	179.36	8,809.32	-288.52	-759.38	367.71	14.28	14.28	-0.21
9,097.00	74.98	188.14	8,844.26	-375.25	-765.39	454.59	16.89	14.51	9.34
9,189.65	84.68	186.99	8,860.60	-465.54	-777.36	545.64	10.54	10.47	-1.24
LP Dark Canyon 6H									
9,192.00	84.93	186.96	8,860.81	-467.87	-777.65	547.98	10.54	10.48	-1.21
9,224.00	85.37	186.65	8,863.52	-499.53	-781.43	579.86	1.68	1.38	-0.97
9,263.00	88.62	183.41	8,865.56	-538.31	-784.84	618.79	11.76	8.33	-8.31
9,358.00	89.83	181.97	8,866.85	-633.20	-789.30	713.61	1.98	1.27	-1.52
9,452.00	89.80	182.28	8,867.15	-727.13	-792.78	807.38	0.33	-0.03	0.33
9,547.00	89.53	182.63	8,867.71	-822.04	-796.85	902.19	0.47	-0.28	0.37
9,642.00	89.87	182.29	8,868.21	-916.95	-800.93	996.99	0.51	0.36	-0.36
9,736.00	90.50	182.48	8,867.90	-1,010.87	-804.84	1,090.79	0.70	0.67	0.20
9,831.00	91.07	181.69	8,866.60	-1,105.80	-808.30	1,185.55	1.03	0.60	-0.83
9,925.00	91.41	181.28	8,864.57	-1,199.74	-810.73	1,279.22	0.57	0.36	-0.44
10,020.00	92.32	180.92	8,861.47	-1,294.67	-812.56	1,373.81	1.03	0.96	-0.38
10,114.00	92.49	181.18	8,857.53	-1,388.58	-814.28	1,467.36	0.33	0.18	0.28
10,208.00	89.87	179.98	8,855.59	-1,482.54	-815.23	1,560.89	3.07	-2.79	-1.28
10,303.00	90.00	179.82	8,855.70	-1,577.54	-815.06	1,655.33	0.22	0.14	-0.17
10,398.00	90.20	179.65	8,855.54	-1,672.54	-814.62	1,749.75	0.28	0.21	-0.18
10,493.00	88.73	179.96	8,856.42	-1,767.53	-814.30	1,844.16	1.58	-1.55	0.33
10,586.00	89.33	180.85	8,858.00	-1,860.52	-814.96	1,936.69	1.15	0.65	0.96
10,680.00	88.86	179.89	8,859.48	-1,954.50	-815.56	2,030.20	1.14	-0.50	-1.02
10,742.00	89.38	179.63	8,860.43	-2,016.49	-815.30	2,091.82	0.94	0.84	-0.42
Final Proj to Bit @ 10742.00' MD / 8860.43' TVD, 469545.79 N, 557954.83 E									
10,775.00	89.66	179.49	8,860.71	-2,049.49	-815.05	2,124.60	0.94	0.84	-0.42
10,869.00	90.27	180.24	8,860.77	-2,143.49	-814.83	2,218.04	1.03	0.65	0.80
10,964.00	91.11	179.76	8,859.62	-2,238.48	-814.83	2,312.49	1.02	0.88	-0.51
11,059.00	92.35	180.57	8,856.76	-2,333.43	-815.10	2,406.94	1.56	1.31	0.85
11,154.00	92.08	180.16	8,853.08	-2,428.36	-815.71	2,501.39	0.52	-0.28	-0.43
11,249.00	92.86	179.41	8,848.99	-2,523.27	-815.35	2,595.72	1.14	0.82	-0.79
11,343.00	91.34	178.91	8,845.54	-2,617.19	-813.97	2,688.97	1.70	-1.62	-0.53
11,438.00	89.40	178.00	8,844.93	-2,712.15	-811.41	2,783.11	2.26	-2.04	-0.96
11,532.00	88.39	177.45	8,846.74	-2,806.06	-807.68	2,876.09	1.22	-1.07	-0.59

Scientific Drilling

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 6H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Precision 597 3304 GL + 25 KB @ 3329.00usft
Site:	Dark Canyon State	MD Reference:	Precision 597 3304 GL + 25 KB @ 3329.00usft
Well:	Dark Canyon 15-22 WCA 6H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
11,627.00	88.19	177.49	8,849.58	-2,900.92	-803.49	2,969.97	0.21	-0.21	0.04
11,722.00	86.91	176.82	8,853.64	-2,995.72	-798.78	3,063.72	1.52	-1.35	-0.71
11,817.00	86.94	175.38	8,858.74	-3,090.36	-792.33	3,157.14	1.51	0.03	-1.52
11,911.00	89.29	176.17	8,861.83	-3,184.05	-785.41	3,249.56	2.64	2.50	0.84
12,004.00	89.09	176.46	8,863.14	-3,276.84	-779.43	3,341.19	0.38	-0.22	0.31
12,098.00	90.50	176.44	8,863.48	-3,370.66	-773.61	3,433.85	1.50	1.50	-0.02
12,193.00	90.70	176.52	8,862.48	-3,465.48	-767.78	3,527.51	0.23	0.21	0.08
12,287.00	91.61	176.22	8,860.59	-3,559.27	-761.83	3,620.14	1.02	0.97	-0.32
12,382.00	91.54	176.17	8,857.98	-3,654.02	-755.52	3,713.68	0.09	-0.07	-0.05
12,476.00	89.16	178.88	8,857.40	-3,747.92	-751.47	3,806.61	3.84	-2.53	2.88
12,572.00	89.56	178.21	8,858.48	-3,843.88	-749.03	3,901.77	0.81	0.42	-0.70
12,666.00	88.46	180.93	8,860.10	-3,937.85	-748.32	3,995.13	3.12	-1.17	2.89
12,761.00	88.72	181.65	8,862.44	-4,032.80	-750.46	4,089.77	0.81	0.27	0.76
12,855.00	88.89	182.25	8,864.40	-4,126.72	-753.66	4,183.50	0.66	0.18	0.64
12,950.00	88.99	183.18	8,866.16	-4,221.60	-758.16	4,278.32	0.98	0.11	0.98
13,042.00	91.04	183.73	8,866.13	-4,313.43	-763.70	4,370.21	2.31	2.23	0.60
13,137.00	91.68	183.29	8,863.88	-4,408.22	-769.52	4,465.09	0.82	0.67	-0.46
13,232.00	91.51	183.34	8,861.23	-4,503.03	-775.01	4,559.94	0.19	-0.18	0.05
13,325.00	91.38	182.56	8,858.89	-4,595.87	-779.79	4,652.76	0.85	-0.14	-0.84
13,420.00	91.74	183.40	8,856.30	-4,690.71	-784.73	4,747.59	0.96	0.38	0.88
13,515.00	92.22	182.98	8,853.02	-4,785.50	-790.01	4,842.41	0.67	0.51	-0.44
13,610.00	92.96	183.06	8,848.73	-4,880.27	-795.01	4,937.17	0.78	0.78	0.08
13,704.00	93.60	183.91	8,843.35	-4,973.94	-800.72	5,030.92	1.13	0.68	0.90
13,798.00	91.74	184.15	8,838.97	-5,067.61	-807.32	5,124.75	2.00	-1.98	0.26
13,893.00	89.50	183.73	8,837.94	-5,162.37	-813.84	5,219.67	2.40	-2.36	-0.44
13,987.00	89.40	183.49	8,838.84	-5,256.18	-819.76	5,313.57	0.28	-0.11	-0.26
14,082.00	88.15	180.49	8,840.88	-5,351.09	-823.06	5,408.29	3.42	-1.32	-3.16
14,176.00	87.98	179.19	8,844.05	-5,445.03	-822.80	5,501.68	1.39	-0.18	-1.38
14,269.00	88.19	179.49	8,847.16	-5,537.97	-821.73	5,593.98	0.39	0.23	0.32
14,365.00	88.76	179.29	8,849.71	-5,633.93	-820.70	5,689.28	0.63	0.59	-0.21
14,460.00	89.19	180.09	8,851.41	-5,728.92	-820.19	5,783.67	0.96	0.45	0.84
14,555.00	89.80	180.18	8,852.25	-5,823.91	-820.41	5,878.15	0.65	0.64	0.09
14,649.00	90.07	179.64	8,852.36	-5,917.91	-820.27	5,971.60	0.64	0.29	-0.57
14,742.00	90.50	180.28	8,851.89	-6,010.91	-820.20	6,064.06	0.83	0.46	0.69
14,836.00	90.74	179.78	8,850.88	-6,104.90	-820.25	6,157.53	0.59	0.26	-0.53
14,931.00	91.38	180.40	8,849.12	-6,199.89	-820.40	6,251.99	0.94	0.67	0.65
15,025.00	91.75	180.42	8,846.55	-6,293.85	-821.07	6,345.49	0.39	0.39	0.02
15,120.00	91.61	179.63	8,843.77	-6,388.81	-821.11	6,439.91	0.84	-0.15	-0.83
15,215.00	91.48	178.66	8,841.20	-6,483.76	-819.70	6,534.18	1.03	-0.14	-1.02
15,309.00	91.98	178.99	8,838.37	-6,577.70	-817.77	6,627.37	0.64	0.53	0.35
15,404.00	92.45	178.90	8,834.69	-6,672.61	-816.02	6,721.56	0.50	0.49	-0.09
15,499.00	93.26	178.46	8,829.96	-6,767.47	-813.84	6,815.65	0.97	0.85	-0.46
15,594.00	90.47	178.92	8,826.87	-6,862.38	-811.67	6,909.79	2.98	-2.94	0.48

Scientific Drilling

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 6H
Project:	Eddy County, NM (NAD 83 NME)	TVD Reference:	Precision 597 3304 GL + 25 KB @ 3329.00usft
Site:	Dark Canyon State	MD Reference:	Precision 597 3304 GL + 25 KB @ 3329.00usft
Well:	Dark Canyon 15-22 WCA 6H	North Reference:	Grid
Wellbore:	OH Wellbore	Survey Calculation Method:	Minimum Curvature
Design:	As Drilled	Database:	Midland

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
15,688.00	87.35	177.65	8,828.66	-6,956.31	-808.85	7,002.88	3.58	-3.32	-1.35
15,783.00	86.37	177.66	8,833.86	-7,051.08	-804.97	7,096.71	1.03	-1.03	0.01
15,878.00	86.74	176.99	8,839.57	-7,145.81	-800.55	7,190.43	0.80	0.39	-0.71
15,972.00	88.36	177.11	8,843.59	-7,239.60	-795.71	7,283.16	1.73	1.72	0.13
16,067.00	90.00	177.48	8,844.95	-7,334.48	-791.23	7,377.03	1.77	1.73	0.39
16,130.00	90.44	177.71	8,844.71	-7,397.42	-788.59	7,439.33	0.79	0.70	0.37
Final Survey @ 16130.00' MD, 90.44°, 177.71° Azi									
16,192.00	90.44	177.71	8,844.23	-7,459.37	-786.11	7,500.67	0.00	0.00	0.00
LTP / BH Dark Canyon 6H									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP Dark Canyon 6H	0.00	0.00	8,806.00	-167.60	-781.48	476,837.56	557,959.46	32.310888	-104.279530
- hit/miss target									
- Shape									
- actual wellpath misses target center by 70.92usft at 8909.00usft MD (8755.03 TVD, -212.05 N, -760.12 E)									
- Point									
LTP / BH Dark Canyon	0.00	0.00	8,824.00	-7,460.41	-798.62	469,544.75	557,942.32	32.290841	-104.279597
- actual wellpath misses target center by 23.81usft at 16192.00usft MD (8844.23 TVD, -7459.37 N, -786.11 E)									
- Point									
LP Dark Canyon 6H	0.00	0.00	8,856.00	-465.72	-782.18	476,539.44	557,958.76	32.310068	-104.279533
- actual wellpath misses target center by 6.65usft at 9189.99usft MD (8860.63 TVD, -465.88 N, -777.41 E)									
- Point									

Design Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
10,742.00	8,860.43	-2,016.49	-815.30	Final Proj to Bit @ 10742.00' MD / 8860.43' TVD, 469545.79 N, 557954
16,130.00	8,844.71	-7,397.42	-788.59	Final Survey @ 16130.00' MD, 90.44°, 177.71° Azi

Checked By: _____ Approved By: _____ Date: _____

Intent ☐ As Drilled ☒

API # 30-015-49810		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: DARK CANYON 15-22 WCA	Well Number 6H

Kick Off Point (KOP)

UL B	Section 15	Township 23S	Range 26E	Lot	Feet 76	From N/S NORTH	Feet 2137	From E/W EAST	County EDDY
Latitude 32.3115947					Longitude 104.2791655				NAD 83

First Take Point (FTP)

UL B	Section 15	Township 23S	Range 26E	Lot	Feet 508	From N/S NORTH	Feet 2232	From E/W EAST	County EDDY
Latitude 32.3103984					Longitude 104.2794707				NAD 83

Last Take Point (LTP)

UL G	Section 22	Township 23S	Range 26E	Lot	Feet 2275	From N/S NORTH	Feet 2239	From E/W EAST	County EDDY
Latitude 32.2909230					Longitude 104.2795594				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

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-49810
1. Type of Well: Oil Well ☐ Gas Well ☒ Other		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator EARTHSTONE OPERATING, LLC		6. State Oil & Gas Lease No.
3. Address of Operator 1400 WOODLOCH FOREST DR., SUITE 300 THE WOODLANDS, TX 77380		7. Lease Name or Unit Agreement Name DARK CANYON 15 22 STATE COM
4. Well Location Unit Letter <u>B</u> : <u>181</u> feet from the <u>NORTH</u> line and <u>1468</u> feet from the <u>EAST</u> line Section <u>15</u> Township <u>23S</u> Range <u>26E</u> NMPM County <u>LEA</u>		8. Well Number <u>6H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3304'GR		9. OGRID Number 331165
		10. Pool name or Wildcat (98820)PURPLE SAGE; WOLFCAMP

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐		***FILED TO CORRECT API#	
CLOSED-LOOP SYSTEM ☐		OTHER: COMPLETIONS OPERATIONS ☒	
OTHER: ☐			

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

12/28/2022-MIRU; RUN CBL W/EST TOC @ 760' MD
 12/31/2022-TOE PREP; RIH SET CBP@16,175; PRESSURE TEST 5.5" PROD CSG TO 1500 PSI, 30 MIN, GOOD TEST
 -PERFORATE STAGE 1 @ 16,165' - 16,003' MD
 01/02-01/12/2023- PERFORATE STAGE 2-40 @ 15,985' - 9,065' MD
 -FRACTURE ALL 40 STAGES W/952 BBLS HCI + 372,555 BBLS SW W/11,724,155# 100 MESH + 6,313,607# 40/70 SAND
 01/16-01/18/2023-DRILL OUT
 01/29/2023-TURN WELL OVER TO PRODUCTION
 03/03/2023-BEGIN FLOWBACK
 03/04/2023-FIRST OIL PRODUCTION

Spud Date:

10/26/2022

Rig Release Date:

12/14/2022

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Deborah Marberry TITLE SR. REGULATORY ANALYST DATE 06/02/2023
 Type or print name Deborah Marberry e-mail address: dmarberry@EARTHSTONEENERGY.COM PHONE: 281-298-4246 ext. 3091
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
 Conditions of Approval (if any): _____

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 DARK CANYON 15 22 WCA STATE COM		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____								6. Well Number: 6H		
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 PURPLE SAGE; WOLFCAMP				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	15	23S	26E		181	N	1468	E	EDDY
BH:	G	22	23S	26E		2302	N	2237	E	EDDY
13. Date Spudded 10/26/2022	14. Date T.D. Reached 12/11/2022		15. Date Rig Released 12/14/2022		16. Date Completed (Ready to Produce) 03/03/2023			17. Elevations (DF and RKB, RT, GR, etc.) 3304		
18. Total Measured Depth of Well 16192			19. Plug Back Measured Depth NA		20. Was Directional Survey Made? YES			21. Type Electric and Other Logs Run RBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 9065 - 16165 PURPLE SAGE; WOLFCAMP										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8		54.5		551		17 1/2		800sks Class C		
9-5/8		40		1910		12 1/4		755sks Class C		
5 1/2		20		16192		7 7/8		1640sks Class C		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 9065 - 16165; 0.42 size; 25740 shots					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					9065 - 16165		-FRACTURE ALL 40 STAGES W/952 BBLS HCl + 372.555			
							BBLS SW W/11,724,155# 100 MESH + 6,313,607# 40/70			
							SAND			
28. PRODUCTION										
Date First Production 03/04/2023		Production Method (Flowing, gas lift, pumping - Size and type pump) flowing				Well Status (Prod. or Shut-in) PROD				
Date of Test 03/25/2023	Hours Tested 24	Choke Size 80	Prod'n For Test Period	Oil - Bbl 1129	Gas - MCF 2612	Water - Bbl. 4989	Gas - Oil Ratio 2319			
Flow Tubing Press.	Casing Pressure 575	Calculated 24-Hour Rate	Oil - Bbl. 1129	Gas - MCF 2612	Water - Bbl. 4989	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold								30. Test Witnessed By		
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____				Longitude _____				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Deborah Marberry</i>			Printed Name Deborah Marberry			Title Sr. Reg. Tech			Date 06/01/2023	
E-mail Address dmarberry@earthstoneenergy.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon Bell 1934	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	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 5183	T. Todilto	
T. Abo	T. Lamar 1790	T. Entrada	
T. Wolfcamp Shale 8816	T. Cherry Canyon 2600	T. Wingate	
T. Penn	T. Brushy Canyon 3684	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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

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

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

From	To	Thickness In Feet	Lithology



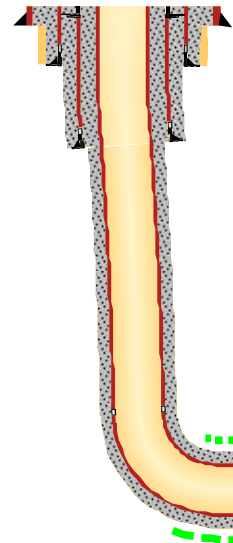
Drilling Wellbore Schematic

Well Name: Dark Canyon 15-22 WCA State Com 6H

County Eddy	State/Province New Mexico	Surface Legal Location	Lat/Long Datum	Field Name
Wellbore API/UWI 30-015-49810	License #	Regulatory Spud Date 10/26/2022 09:00	Original KB Elevation (ft) 3,329.00	Ground Elevation (ft) 3,304.00

Horizontal, Original Hole, 6/1/2023 9:39:48 AM

Directional schematic (actual)



OD:20 in; Grade:J-55; Wt.:133.00 lb/ft; Top MD:25.0 ftKB; Depth MD:25.0-120.0 ftKB

OD:13 3/8 in; Grade:J-55; Wt.:54.50 lb/ft; Top MD:25.0 ftKB; Depth MD:25.0-551.0 ftKB

OD:9 5/8 in; Grade:L-80, J-55; Wt.:40.00 lb/ft; Top MD:25.0 ftKB; Depth MD:25.0-1,910.0 ftKB

OD:5 1/2 in;
Grade:P110, P-110;...

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Conductor	20	25.0	25.0	120.0	120.0
Surface	17 1/2	120.0	120.0	551.0	550.9
Intermediate	12 1/4	551.0	550.9	1,925.0	1,920.5
Production	7 7/8	1,925.0	1,920.5	16,192.0	8,844.2

Kick Offs & Key Depths

Type	Top Depth (ftKB)	Depth Top (TVD) (ftKB)
Kick Off	8,255.0	8,197.3
Heel	9,277.0	8,865.9

Deepest TVD:

TVD (ftKB)
8,868.21

Casing Strings

Csg Des	OD (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)	# Centralizers (Tally)
Conductor	20	133.00	J-55	0.0	120.0	0
Surface	13 3/8	54.50	J-55	0.7	551.0	0
Intermediate	9 5/8	40.00	J-55	-4.7	1,910.0	16
Production	5 1/2	20.00	P-110	-4.7	16,192.0	180

Cement

Surface Casing Cement - Casing (25.0 - 551.0)

Evaluation Method Returns to Surface	Cement Evaluation Results CIRCULATED 45 BBLS (189 SACKS) TO SURFACE	Comment
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Intermediate Casing Cement - Casing (25.0 - 1,910.0)

Evaluation Method Returns to Surface	Cement Evaluation Results CIRCULATED 200 BBLS (398 SACKS) TO SURFACE	Comment
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Production Casing Cement - Casing (25.0 - 16,192.0)

Evaluation Method RETURNS TO SURFACE	Cement Evaluation Results CIRCULATED 154 BBLS (283 SACKS) TO SURFACE	Comment
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Item Description	Casing Description	External Jewelry	Bottom Depth (ftKB)	Bottom Depth (TVD) (ftKB)
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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 223251

ACKNOWLEDGMENTS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 223251
	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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Santa Fe, NM 87505

CONDITIONS

Action 223251

CONDITIONS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 223251
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	Please submit CBL Well Log (s) as documented on the C-103 Completion Sundry and submit as [UF-WL] EP Well Log Submission.	1/30/2025