

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

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

Submit one copy to appropriate District Office

☒ AMENDED REPORT
NW-03/03/2023

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 - 015-49833	⁵ Pool Name PURPLE SAGE; WOLFCAMP	⁶ Pool Code 98220
⁷ Property Code 332535	⁸ Property Name DARK CANYON 15 22 WCA STATE COM	⁹ Well Number 7H

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		153	NORTH	1460	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
H	22	23S	26E		2326	NORTH	914	EAST	EDDY
¹² Lse Code S	¹³ Producing Method F Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 10/27/2022	²² Ready Date 03/03/2023	²³ TD 16156'	²⁴ PBTB NA	²⁵ Perforations 9095' - 16115'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17.5"		13.375", 54.5#, J-55	545' MD		1030
12.25"		9.625", 40#, J-55 BTC	1930' MD		755
7.875"		5.5", 20#, VARN HC P-110	16141' 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 640
³⁷ Choke Size 78	³⁸ Oil 1422	³⁹ Water 5371	⁴⁰ Gas 3216		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: <i>PATRICIA MARTINEZ</i>		
Title: SR. REGULATORY ANALYST			Title: <i>PETROLEUM SPECIALIST</i>		
E-mail Address: dmarberry@EARTHSTONEENERGY.COM			Approval Date: <i>1/28/2025</i>		
Date: 06/02/2023		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 • 30-015-49833	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 332535	⁵ Property Name DARK CANYON 15-22 WCA STATE COM	⁶ Well Number 7H
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		153	NORTH	1460	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
H	22	23 S	26 E		2326	NORTH	914	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 7H EL. = 3304.0 GEODETIC COORDINATES NAD 27 NMSP EAST SURFACE LOCATION N. = 476975.60 E. = 517567.04 LAT. = 32.3113094°N LONG. = 104.2764716°W KICK OFF POINT 76' FNL, 978' FEL NAD 27 NMSP EAST N. = 477063.74 E. = 518049.56 LAT. = 32.3115510°N LONG. = 104.2749095°W FIRST TAKE POINT 591' FNL, 920' FEL NAD 27 NMSP EAST N. = 476549.98 E. = 518107.47 LAT. = 32.3101386°N LONG. = 104.2747230°W LAST TAKE POINT 2285' FNL, 916' FEL NAD 27 NMSP EAST N. = 469545.51 E. = 518094.39 LAT. = 32.2908837°N LONG. = 104.2747777°W BOTTOM OF HOLE NAD 27 NMSP EAST N. = 469504.57 E. = 518096.26 LAT. = 32.2907711°N LONG. = 104.2747718°W	GEODETIC COORDINATES NAD 83 NMSP EAST SURFACE LOCATION N. = 477034.11 E. = 558748.77 LAT. = 32.3114270°N LONG. = 104.2754124°W KICK OFF POINT 76' FNL, 978' FEL NAD 83 NMSP EAST N. = 477122.27 E. = 559289.22 LAT. = 32.3116687°N LONG. = 104.2752258°W FIRST TAKE POINT 591' FNL, 920' FEL NAD 83 NMSP EAST N. = 476608.49 E. = 559289.22 LAT. = 32.3102563°N LONG. = 104.2752258°W LAST TAKE POINT 2285' FNL, 916' FEL NAD 83 NMSP EAST N. = 469603.83 E. = 559276.28 LAT. = 32.2910014°N LONG. = 104.2752800°W BOTTOM OF HOLE NAD 83 NMSP EAST N. = 469562.89 E. = 559278.15 LAT. = 32.2908888°N LONG. = 104.2752740°W	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> 06/08/2023 Signature Date DEBORAH MARBERRY Printed Name DMARBERRY@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 14, 2023 Date of Survey <i>William F. Jaramillo</i> Signature and Seal of Professional Surveyor Certificate Number: 12797 Professional Surveyor No. 7514C		

Earthstone Operating, LLC

Eddy County, NM (NAD 83 NME)

Dark Canyon State

Dark Canyon 15-22 WCA 7H

OH Wellbore

Survey: MWD Survey #1

Standard Survey Report

06 December, 2022



www.scientificdrilling.com



Scientific Drilling

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 7H
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 7H	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:			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 7H, Wolfcamp Horizontal					
Well Position	+N/-S	0.00 usft	Northing:	477,034.11 usft	Latitude:	32.311427
	+E/-W	0.00 usft	Easting:	558,748.77 usft	Longitude:	-104.276975
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	175.83	

Survey Program	Date	12/6/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
192.00	16,156.00	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	0.25	156.92	192.00	-0.39	0.16	0.40	0.13	0.13	0.00	
255.00	1.01	120.97	255.00	-0.80	0.69	0.85	1.30	1.21	-57.06	
318.00	1.19	107.26	317.98	-1.28	1.80	1.40	0.50	0.29	-21.76	
349.00	1.14	107.00	348.98	-1.46	2.40	1.63	0.16	-0.16	-0.84	
381.00	0.57	121.15	380.97	-1.64	2.84	1.84	1.89	-1.78	44.22	
413.00	0.88	94.08	412.97	-1.74	3.22	1.97	1.42	0.97	-84.59	
444.00	0.88	95.09	443.97	-1.78	3.69	2.04	0.05	0.00	3.26	
507.00	0.75	110.87	506.96	-1.97	4.56	2.29	0.41	-0.21	25.05	
653.00	0.76	39.59	652.95	-1.56	6.07	2.00	0.60	0.01	-48.82	

Scientific Drilling

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 7H
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 7H	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)	
744.00	0.63	12.04	743.94	-0.61	6.56	1.08	0.39	-0.14	-30.27	
835.00	1.54	66.68	834.93	0.37	7.79	0.20	1.41	1.00	60.04	
926.00	2.21	74.46	925.88	1.32	10.60	-0.55	0.79	0.74	8.55	
1,017.00	2.29	59.70	1,016.81	2.71	13.86	-1.69	0.64	0.09	-16.22	
1,111.00	1.80	61.25	1,110.75	4.37	16.78	-3.14	0.52	-0.52	1.65	
1,205.00	0.36	130.57	1,204.73	4.88	18.30	-3.54	1.82	-1.53	73.74	
1,300.00	0.67	207.62	1,299.73	4.20	18.26	-2.86	0.72	0.33	81.11	
1,394.00	1.14	111.99	1,393.72	3.36	18.88	-1.98	1.47	0.50	-101.73	
1,488.00	1.44	90.71	1,487.70	3.00	20.92	-1.47	0.60	0.32	-22.64	
1,582.00	0.87	58.14	1,581.68	3.36	22.71	-1.70	0.90	-0.61	-34.65	
1,677.00	1.16	54.99	1,676.67	4.29	24.11	-2.53	0.31	0.31	-3.32	
1,772.00	0.61	161.75	1,771.66	4.36	25.06	-2.53	1.53	-0.58	112.38	
1,864.00	1.54	186.38	1,863.64	2.67	25.07	-0.84	1.11	1.01	26.77	
1,873.00	1.55	184.53	1,872.64	2.43	25.05	-0.60	0.57	0.11	-20.56	
1,978.00	1.78	187.12	1,977.59	-0.61	24.74	2.40	0.23	0.22	2.47	
2,072.00	1.67	262.82	2,071.56	-2.23	23.20	3.91	2.25	-0.12	80.53	
2,167.00	2.24	298.00	2,166.51	-1.53	20.18	2.99	1.37	0.60	37.03	
2,262.00	2.06	294.60	2,261.44	0.05	16.99	1.18	0.23	-0.19	-3.58	
2,356.00	2.09	290.19	2,355.38	1.35	13.85	-0.34	0.17	0.03	-4.69	
2,451.00	2.52	278.69	2,450.30	2.26	10.16	-1.52	0.66	0.45	-12.11	
2,546.00	0.35	110.89	2,545.28	2.47	8.36	-1.86	3.01	-2.28	-176.63	
2,640.00	3.34	65.01	2,639.22	3.53	11.11	-2.71	3.30	3.18	-48.81	
2,735.00	6.29	77.81	2,733.88	5.80	18.71	-4.42	3.29	3.11	13.47	
2,830.00	6.04	78.11	2,828.33	7.93	28.69	-5.82	0.27	-0.26	0.32	
2,925.00	6.01	80.24	2,922.80	9.80	38.48	-6.98	0.24	-0.03	2.24	
3,018.00	5.85	73.72	3,015.31	11.95	47.83	-8.45	0.74	-0.17	-7.01	
3,113.00	4.97	77.64	3,109.88	14.19	56.50	-10.05	1.00	-0.93	4.13	
3,206.00	4.57	74.39	3,202.56	16.05	64.00	-11.36	0.52	-0.43	-3.49	
3,300.00	7.53	68.36	3,296.03	19.33	73.33	-13.95	3.22	3.15	-6.41	
3,395.00	7.09	66.01	3,390.25	24.01	84.48	-17.81	0.56	-0.46	-2.47	
3,489.00	6.97	68.65	3,483.55	28.44	95.09	-21.46	0.37	-0.13	2.81	
3,583.00	6.47	64.98	3,576.90	32.76	105.20	-25.03	0.70	-0.53	-3.90	
3,678.00	6.04	62.33	3,671.34	37.35	114.48	-28.93	0.55	-0.45	-2.79	
3,773.00	5.20	63.20	3,765.88	41.61	122.75	-32.58	0.89	-0.88	0.92	
3,868.00	6.19	87.18	3,860.42	43.80	131.70	-34.11	2.69	1.04	25.24	
3,963.00	5.09	85.94	3,954.96	44.35	141.02	-33.99	1.16	-1.16	-1.31	
4,058.00	4.07	76.88	4,049.66	45.42	148.51	-34.50	1.31	-1.07	-9.54	
4,152.00	3.09	84.96	4,143.47	46.40	154.28	-35.06	1.17	-1.04	8.60	
4,246.00	2.46	74.66	4,237.36	47.15	158.75	-35.49	0.85	-0.67	-10.96	
4,341.00	5.10	71.72	4,332.15	49.02	164.73	-36.91	2.79	2.78	-3.09	
4,436.00	4.01	68.53	4,426.85	51.56	171.83	-38.93	1.18	-1.15	-3.36	
4,530.00	3.21	74.18	4,520.66	53.48	177.42	-40.44	0.93	-0.85	6.01	
4,623.00	4.27	72.20	4,613.46	55.24	183.22	-41.78	1.15	1.14	-2.13	
4,717.00	4.98	79.60	4,707.16	57.05	190.57	-43.05	0.99	0.76	7.87	

Scientific Drilling

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 7H
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 7H	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)	
4,812.00	4.50	80.27	4,801.83	58.43	198.30	-43.86	0.51	-0.51	0.71	
4,907.00	3.95	74.69	4,896.57	59.92	205.13	-44.85	0.72	-0.58	-5.87	
5,001.00	4.89	81.35	4,990.29	61.38	212.21	-45.79	1.14	1.00	7.09	
5,096.00	5.55	83.48	5,084.90	62.51	220.78	-46.30	0.72	0.69	2.24	
5,191.00	4.69	90.79	5,179.52	62.98	229.23	-46.15	1.13	-0.91	7.69	
5,285.00	4.10	89.13	5,273.24	62.97	236.43	-45.62	0.64	-0.63	-1.77	
5,380.00	4.85	79.55	5,367.95	63.75	243.77	-45.87	1.11	0.79	-10.08	
5,474.00	3.98	70.12	5,461.67	65.58	250.75	-47.19	1.20	-0.93	-10.03	
5,570.00	5.83	70.70	5,557.32	68.33	258.48	-49.36	1.93	1.93	0.60	
5,664.00	4.20	70.15	5,650.96	71.08	266.23	-51.54	1.73	-1.73	-0.59	
5,759.00	4.74	87.94	5,745.67	72.40	273.42	-52.33	1.56	0.57	18.73	
5,853.00	2.02	88.33	5,839.50	72.59	278.96	-52.12	2.89	-2.89	0.41	
5,948.00	5.59	80.43	5,934.27	73.40	285.20	-52.48	3.79	3.76	-8.32	
6,041.00	8.59	94.22	6,026.56	73.65	296.60	-51.90	3.69	3.23	14.83	
6,135.00	7.02	97.12	6,119.69	72.42	309.30	-49.75	1.72	-1.67	3.09	
6,230.00	5.88	95.79	6,214.08	71.21	319.90	-47.77	1.21	-1.20	-1.40	
6,324.00	4.85	98.98	6,307.67	70.10	328.62	-46.03	1.14	-1.10	3.39	
6,419.00	5.07	61.81	6,402.34	71.46	336.29	-46.83	3.33	0.23	-39.13	
6,515.00	4.47	66.21	6,498.01	74.97	343.45	-49.81	0.73	-0.63	4.58	
6,609.00	2.93	57.73	6,591.81	77.73	348.83	-52.17	1.73	-1.64	-9.02	
6,704.00	4.38	91.17	6,686.62	78.95	354.51	-52.98	2.65	1.53	35.20	
6,799.00	4.86	87.06	6,781.31	79.09	362.16	-52.56	0.61	0.51	-4.33	
6,893.00	4.17	82.85	6,875.02	79.71	369.52	-52.65	0.81	-0.73	-4.48	
6,988.00	3.66	77.04	6,969.80	80.82	375.91	-53.29	0.68	-0.54	-6.12	
7,082.00	4.13	65.82	7,063.58	82.88	381.92	-54.91	0.95	0.50	-11.94	
7,177.00	1.65	67.28	7,158.46	84.81	386.30	-56.52	2.61	-2.61	1.54	
7,272.00	2.59	93.64	7,253.39	85.21	389.71	-56.66	1.40	0.99	27.75	
7,367.00	3.16	118.95	7,348.28	83.80	394.14	-54.94	1.45	0.60	26.64	
7,461.00	3.00	120.34	7,442.14	81.31	398.53	-52.13	0.19	-0.17	1.48	
7,556.00	3.39	92.55	7,537.00	79.92	403.48	-50.39	1.66	0.41	-29.25	
7,651.00	6.52	76.67	7,631.64	81.04	411.54	-50.92	3.57	3.29	-16.72	
7,745.00	7.65	74.41	7,724.92	83.96	422.76	-53.01	1.24	1.20	-2.40	
7,839.00	5.77	86.16	7,818.27	85.95	433.50	-54.22	2.47	-2.00	12.50	
7,934.00	8.01	87.36	7,912.58	86.58	444.88	-54.02	2.36	2.36	1.26	
8,028.00	8.20	90.84	8,005.64	86.78	458.12	-53.26	0.56	0.20	3.70	
8,123.00	6.53	85.41	8,099.86	87.12	470.28	-52.71	1.90	-1.76	-5.72	
8,198.00	5.36	84.93	8,174.45	87.77	478.02	-52.79	1.56	-1.56	-0.64	
8,249.00	5.08	84.85	8,225.24	88.18	482.65	-52.87	0.55	-0.55	-0.16	
8,344.00	12.27	149.28	8,319.26	79.85	492.02	-43.88	11.64	7.57	67.82	
8,438.00	21.32	166.30	8,409.21	54.60	501.19	-18.03	10.86	9.63	18.11	
8,531.00	30.76	174.39	8,492.70	14.40	507.54	22.52	10.82	10.15	8.70	
8,626.00	41.32	174.97	8,569.41	-41.18	512.68	78.33	11.12	11.12	0.61	
8,720.00	50.83	173.57	8,634.54	-108.45	519.50	145.92	10.17	10.12	-1.49	

Scientific Drilling

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 7H
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 7H	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)
8,815.00	56.14	175.55	8,691.06	-184.43	526.69	222.22	5.83	5.59	2.08
8,870.05	56.21	177.27	8,721.70	-230.08	529.55	267.95	2.60	0.13	3.13
FTP Dark Canyon 7H									
8,910.00	56.28	178.52	8,743.90	-263.27	530.77	301.14	2.60	0.17	3.12
9,004.00	60.70	177.74	8,793.02	-343.34	533.40	381.20	4.75	4.70	-0.83
9,098.00	70.37	172.49	8,831.92	-428.44	540.82	466.61	11.47	10.29	-5.59
9,144.70	73.59	172.11	8,846.36	-472.44	546.77	510.93	6.95	6.90	-0.81
LP Dark Canyon 7H									
9,193.00	76.93	171.73	8,858.65	-518.68	553.34	557.52	6.95	6.91	-0.79
9,287.00	81.76	170.92	8,876.02	-609.97	567.27	649.59	5.21	5.14	-0.86
9,382.00	86.85	178.93	8,885.46	-704.03	575.59	744.00	9.95	5.36	8.43
9,477.00	90.91	183.39	8,887.32	-798.95	573.67	838.53	6.35	4.27	4.69
9,571.00	90.47	183.03	8,886.19	-892.79	568.41	931.74	0.60	-0.47	-0.38
9,666.00	91.31	183.08	8,884.71	-987.64	563.34	1,025.97	0.89	0.88	0.05
9,761.00	93.46	183.74	8,880.76	-1,082.39	557.70	1,120.06	2.37	2.26	0.69
9,856.00	90.94	180.96	8,877.11	-1,177.22	553.81	1,214.36	3.95	-2.65	-2.93
9,950.00	91.11	180.97	8,875.43	-1,271.19	552.23	1,307.96	0.18	0.18	0.01
10,044.00	89.46	180.16	8,874.96	-1,365.18	551.30	1,401.64	1.96	-1.76	-0.86
10,139.00	88.49	179.38	8,876.66	-1,460.17	551.68	1,496.40	1.31	-1.02	-0.82
10,234.00	87.11	178.88	8,880.31	-1,555.08	553.12	1,591.17	1.54	-1.45	-0.53
10,329.00	89.36	179.04	8,883.24	-1,650.01	554.84	1,685.98	2.37	2.37	0.17
10,423.00	90.37	178.84	8,883.46	-1,744.00	556.58	1,779.84	1.10	1.07	-0.21
10,518.00	90.47	179.62	8,882.76	-1,838.99	557.86	1,874.67	0.83	0.11	0.82
10,612.00	91.21	179.17	8,881.38	-1,932.97	558.85	1,968.47	0.92	0.79	-0.48
10,706.00	89.90	178.93	8,880.47	-2,026.95	560.41	2,062.32	1.42	-1.39	-0.26
10,801.00	89.87	179.24	8,880.66	-2,121.94	561.93	2,157.16	0.33	-0.03	0.33
10,896.00	88.83	179.66	8,881.74	-2,216.93	562.84	2,251.97	1.18	-1.09	0.44
10,990.00	88.09	178.93	8,884.27	-2,310.88	564.00	2,345.76	1.11	-0.79	-0.78
11,083.00	87.85	180.00	8,887.56	-2,403.82	564.86	2,438.51	1.18	-0.26	1.15
11,178.00	89.83	181.60	8,889.49	-2,498.78	563.54	2,533.13	2.68	2.08	1.68
11,273.00	91.51	182.44	8,888.37	-2,593.71	560.19	2,627.57	1.98	1.77	0.88
11,367.00	91.88	182.35	8,885.59	-2,687.59	556.26	2,720.91	0.41	0.39	-0.10
11,461.00	91.54	182.81	8,882.79	-2,781.45	552.03	2,814.22	0.61	-0.36	0.49
11,497.00	91.28	182.67	8,881.90	-2,817.40	550.31	2,849.94	0.82	-0.72	-0.39
11,592.00	90.57	182.46	8,880.37	-2,912.29	546.06	2,944.28	0.78	-0.75	-0.22
11,686.00	90.91	183.15	8,879.16	-3,006.17	541.46	3,037.57	0.82	0.36	0.73
11,781.00	91.58	183.80	8,877.09	-3,100.97	535.71	3,131.70	0.98	0.71	0.68
11,876.00	92.08	183.61	8,874.06	-3,195.73	529.57	3,225.76	0.56	0.53	-0.20
11,971.00	91.58	181.09	8,871.02	-3,290.59	525.68	3,320.09	2.70	-0.53	-2.65
12,065.00	90.00	180.43	8,869.73	-3,384.57	524.43	3,413.73	1.82	-1.68	-0.70
12,160.00	90.87	180.61	8,869.01	-3,479.56	523.57	3,508.41	0.94	0.92	0.19
12,255.00	90.47	179.84	8,867.89	-3,574.55	523.20	3,603.12	0.91	-0.42	-0.81
12,349.00	88.12	178.61	8,869.05	-3,668.53	524.47	3,696.94	2.82	-2.50	-1.31
12,444.00	88.08	178.02	8,872.20	-3,763.43	527.26	3,791.80	0.62	-0.04	-0.62

Scientific Drilling

Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 7H
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 7H	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)
12,537.00	88.59	178.96	8,874.90	-3,856.36	529.71	3,884.66	1.15	0.55	1.01
12,631.00	89.43	179.13	8,876.53	-3,950.33	531.27	3,978.50	0.91	0.89	0.18
12,726.00	90.64	178.98	8,876.47	-4,045.32	532.84	4,073.35	1.28	1.27	-0.16
12,820.00	91.28	178.85	8,874.89	-4,139.29	534.62	4,167.20	0.69	0.68	-0.14
12,915.00	91.78	178.18	8,872.36	-4,234.22	537.08	4,262.06	0.88	0.53	-0.71
13,009.00	92.55	178.89	8,868.81	-4,328.12	539.48	4,355.88	1.11	0.82	0.76
13,104.00	91.75	180.45	8,865.24	-4,423.05	540.03	4,450.60	1.84	-0.84	1.64
13,199.00	92.75	181.34	8,861.51	-4,517.96	538.55	4,545.16	1.41	1.05	0.94
13,294.00	90.54	181.00	8,858.79	-4,612.90	536.61	4,639.70	2.35	-2.33	-0.36
13,384.00	89.23	180.52	8,858.97	-4,702.89	535.41	4,729.36	1.55	-1.46	-0.53
13,483.00	92.01	181.49	8,857.90	-4,801.86	533.68	4,827.94	2.97	2.81	0.98
13,575.00	88.99	181.15	8,857.09	-4,893.82	531.56	4,919.51	3.30	-3.28	-0.37
13,670.00	88.29	181.03	8,859.35	-4,988.77	529.75	5,014.08	0.75	-0.74	-0.13
13,765.00	86.11	180.07	8,863.99	-5,083.65	528.84	5,108.64	2.51	-2.29	-1.01
13,858.00	86.40	180.62	8,870.06	-5,176.45	528.28	5,201.15	0.67	0.31	0.59
13,953.00	89.29	179.94	8,873.63	-5,271.37	527.82	5,295.79	3.13	3.04	-0.72
14,047.00	91.11	180.01	8,873.31	-5,365.36	527.86	5,389.54	1.94	1.94	0.07
14,143.00	91.68	181.10	8,870.97	-5,461.33	526.93	5,485.18	1.28	0.59	1.14
14,236.00	89.53	179.75	8,869.99	-5,554.31	526.24	5,577.87	2.73	-2.31	-1.45
14,331.00	89.66	180.43	8,870.66	-5,649.31	526.09	5,672.61	0.73	0.14	0.72
14,425.00	90.77	180.83	8,870.31	-5,743.30	525.06	5,766.27	1.26	1.18	0.43
14,520.00	91.24	182.02	8,868.64	-5,838.26	522.70	5,860.81	1.35	0.49	1.25
14,615.00	91.68	182.46	8,866.22	-5,933.15	518.98	5,955.18	0.65	0.46	0.46
14,708.00	88.59	181.15	8,866.00	-6,026.09	516.06	6,047.66	3.61	-3.32	-1.41
14,802.00	88.32	181.66	8,868.53	-6,120.03	513.75	6,141.18	0.61	-0.29	0.54
14,898.00	89.53	181.43	8,870.34	-6,215.98	511.16	6,236.69	1.28	1.26	-0.24
14,993.00	90.60	181.10	8,870.23	-6,310.95	509.07	6,331.26	1.18	1.13	-0.35
15,087.00	91.68	180.70	8,868.36	-6,404.92	507.59	6,424.87	1.23	1.15	-0.43
15,182.00	92.29	181.33	8,865.07	-6,499.85	505.91	6,519.43	0.92	0.64	0.66
15,275.00	92.82	179.54	8,860.92	-6,592.75	505.20	6,612.03	2.01	0.57	-1.92
15,369.00	90.60	179.75	8,858.12	-6,686.70	505.79	6,705.78	2.37	-2.36	0.22
15,464.00	91.35	179.73	8,856.50	-6,781.68	506.22	6,800.54	0.79	0.79	-0.02
15,558.00	90.24	179.28	8,855.20	-6,875.67	507.03	6,894.34	1.27	-1.18	-0.48
15,653.00	90.30	178.80	8,854.75	-6,970.65	508.62	6,989.19	0.51	0.06	-0.51
15,748.00	91.01	179.36	8,853.66	-7,065.64	510.15	7,084.03	0.95	0.75	0.59
15,842.00	88.25	176.67	8,854.27	-7,159.56	513.40	7,177.94	4.10	-2.94	-2.86
15,936.00	88.72	177.10	8,856.75	-7,253.39	518.51	7,271.89	0.68	0.50	0.46
16,032.00	89.06	176.88	8,858.61	-7,349.24	523.55	7,367.85	0.42	0.35	-0.23
16,100.00	89.80	177.38	8,859.29	-7,417.15	526.95	7,435.83	1.31	1.09	0.74
Final Survey @ 16100.00' MD, 89.80°, 177.38° Azi									
16,142.49	89.80	177.38	8,859.44	-7,459.60	528.89	7,478.31	0.00	0.00	0.00
LTP / BH Dark Canyon 7H									
16,156.00	89.80	177.38	8,859.49	-7,473.09	529.51	7,491.81	0.00	0.00	0.00
Final Proj to Bit @ 16156.00' MD / 8859.49' TVD, 469561.02 N, 559278.28 E									

Scientific Drilling
Survey Report

Company:	Earthstone Operating, LLC	Local Co-ordinate Reference:	Well Dark Canyon 15-22 WCA 7H
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 7H	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)

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
16,100.00	8,859.29	-7,417.15	526.95	Final Survey @ 16100.00' MD, 89.80°, 177.38° Azi	
16,156.00	8,859.49	-7,473.09	529.51	Final Proj to Bit @ 16156.00' MD / 8859.49' TVD, 469561.02 N, 559278	

Checked By: _____

Approved By: _____

Date: _____

Intent ☐ As Drilled ☒

API # 30-015-49833		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: DARK CANYON 15-22 WCA	Well Number 7H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	15	23S	26E		76	NORTH	978	EAST	EDDY
Latitude 32.3116687					Longitude 104.2754124				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
A	15	23S	26E		591	NORTH	920	EAST	EDDY
Latitude 32.3102563					Longitude 104.2752258				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
H	22	23S	26E		2285	NORTH	916	EAST	EDDY
Latitude 32.2910014					Longitude 104.2752800				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 # 30-015-49810		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: DARK CANYON 15 22 WCA STATE COM	Well Number 6H

KZ 06/29/2018

Submit a 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. 30-015-49833
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>153</u> feet from the <u>NORTH</u> line and <u>1460</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>7H</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 ☐		***Correcting 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 @ 207' MD
12/31/2022-TOE PREP; RIH SET CBP@16,125; PRESSURE TEST 5.5" PROD CSG TO 1500 PSI, 30 MIN, GOOD TEST
-PERFORATE STAGE 1 @ 16,115' - 15,953' MD
01/02-01/12/2023-PERFORATE STAGE 2-39 @ 15,935' - 9,095' MD
-FRACTURE ALL 39 STAGES W/928 BBLS HCI + 363,511 BBLS SW W/11,426,443# 100 MESH + 6,153,673# 40/70 SAND
01/18-01/19/2023-DRILL OUT
01/29/2023-TURN WELL OVER TO PRODUCTION
03/03/2023-BEGIN FLOWBACK
03/04/2023-1ST OIL PRODUCTION

Spud Date:

10/27/2022

Rig Release Date:

11/29/2022

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: 7H		
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		153	N	1460	E	EDDY
BH:	H	22	23S	26E		2326	N	914	E	EDDY
13. Date Spudded 10/27/2022	14. Date T.D. Reached 11/26/2022		15. Date Rig Released 11/29/2022			16. Date Completed (Ready to Produce) 03/03/2023		17. Elevations (DF and RKB, RT, GR, etc.) 3304		
18. Total Measured Depth of Well 16156			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 9095 - 16115 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		545		17 1/2		1030sks Class C		
9-5/8		40		1930		12 1/4		755sks Class C		
5 1/2		20		16141		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) 9095 - 16115 ; 0.42 size; 24736 shots					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					9095 - 16115		-FRACTURE ALL 39 STAGES W/928 BBLS HCl + 363,511 BBLS SW W/11,426,443# 100 MESH + 6,153,673#			
							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 78	Prod'n For Test Period	Oil - Bbl 1422	Gas - MCF 3216	Water - Bbl. 5371	Gas - Oil Ratio 2254			
Flow Tubing Press.	Casing Pressure 640	Calculated 24-Hour Rate	Oil - Bbl. 1422	Gas - MCF 3216	Water - Bbl. 5371	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 Printed Signature _____ Name Deborah Marberry Title Sr. Reg. Tech Date 06/02/2023 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 1929	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 5168	T. Todilto	
T. Abo	T. Lamar 1794	T. Entrada	
T. Wolfcamp Shale 8848	T. Cherry Canyon 2588	T. Wingate	
T. Penn	T. Brushy Canyon 3676	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

From	To	Thickness In Feet	Lithology



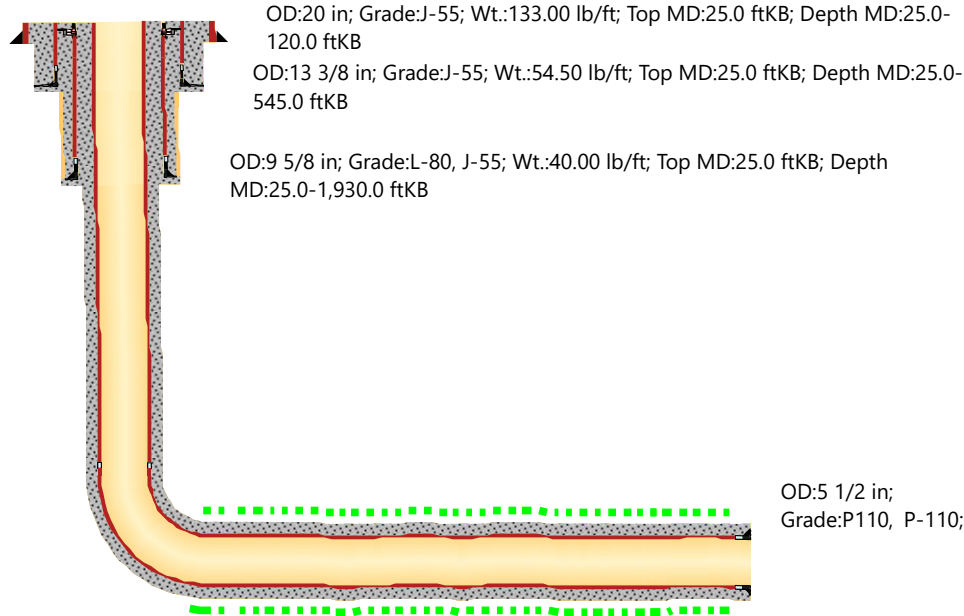
Drilling Wellbore Schematic

Well Name: Dark Canyon 15-22 WCA State Com 7H

County Eddy	State/Province New Mexico	Surface Legal Location	Lat/Long Datum	Field Name
Wellbore API/UWI 3001549833	License #	Regulatory Spud Date 10/27/2022 15:00	Original KB Elevation (ft) 3,329.00	Ground Elevation (ft) 3,304.00

Horizontal, Original Hole, 6/1/2023 2:44:07 PM

Directional schematic (actual)



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	550.0	550.0
Intermediate	12 1/4	550.0	550.0	1,945.0	1,944.6
Production	7 7/8	1,945.0	1,944.6	16,156.0	8,859.7

Kick Offs & Key Depths

Type	Top Depth (ftKB)	Depth Top (TVD) (ftKB)
Kick Off	8,257.0	8,233.4
Heel	9,433.0	8,887.5

Deepest TVD:

TVD (ftKB)

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	-4.2	545.0	6
Intermediate	9 5/8	40.00	L-80	-7.2	1,930.0	17
Production	5 1/2	20.00	P-110	-2.5	16,141.0	162

Cement

Surface Casing Cement - Casing (25.0 - 550.0)

Evaluation Method Returns to Surface	Cement Evaluation Results CIRCULATED 106 BBLs (444 SACKS) TO SURFACE	Comment
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Intermediate Casing Cement - Casing (25.0 - 1,945.0)

Evaluation Method Returns to Surface	Cement Evaluation Results CIRCULATED 160 BBLs (318 SACKS) TO SURFACE	Comment
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Production Casing Cement - Casing (25.0 - 16,141.0)

Evaluation Method Returns to Surface	Cement Evaluation Results CIRCULATED 87 BBLs (160 SKS) 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 223188

ACKNOWLEDGMENTS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 223188
	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 223188

CONDITIONS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 223188
	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 and submit as [UF-WL] EP Well Log Submission.	1/28/2025