

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural ResourcesForm C-104
Revised August 1, 2011District I

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**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

¹ Operator name and Address OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number: 16696
		³ Reason for Filing Code/ Effective Date: NW - 01/25/2023
⁴ API Number 30 - 025-48815	⁵ Pool Name MESA VERDE; BONE SPRING	⁶ Pool Code 96229
⁷ Property Code: 320828	⁸ Property Name: MESA VERDE BONE SPRING UNIT	⁹ Well Number: 45H

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
M	16	24S	32E		635	SOUTH	1175	WEST	LEA

¹¹ Bottom Hole Location

FTP- 141' FSL 1389' FWL LTP- 225' FNL 1362' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	9	24S	32E		49	NORTH	1349	WEST	LEA
¹² Lse Code F	¹³ Producing Method Code : F		¹⁴ Gas Connection Date: 1/29/23		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
237722	CENTURION PIPELINE L.P.	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 10/14/22	²² Ready Date 01/25/2023	²³ TD 20004'M 9287'V	²⁴ PBTD 19962'M 9287'V	²⁵ Perforations 9601-19827'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement	
14-3/4"	10-3/4"	951'		990	
9-7/8"	7-5/8"	8886'		2691	
6-3/4"	5-1/2"	19984'		817	

V. Well Test Data

³¹ Date New Oil 1/30/23	³² Gas Delivery Date 1/29/23	³³ Test Date 2/10/23	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 726
³⁷ Choke Size 128/128	³⁸ Oil 2895	³⁹ Water 3649	⁴⁰ Gas 4905		⁴¹ Test Method F

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:



Printed name: JANA MENDIOLA

Title: SR. REGULATORY ANALYST

E-mail Address:

Janalyn_mendiola@oxy.com

Date:

04/30/2023

Phone:

432-695-5936

OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title: PETROLEUM SPECIALIST

Approval Date: 5/1/2023

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: (505) 748-1283 Fax: (505) 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

Revised August 1, 2011
 Submit one copy to appropriate
 District Office

☒ AMENDED REPORT

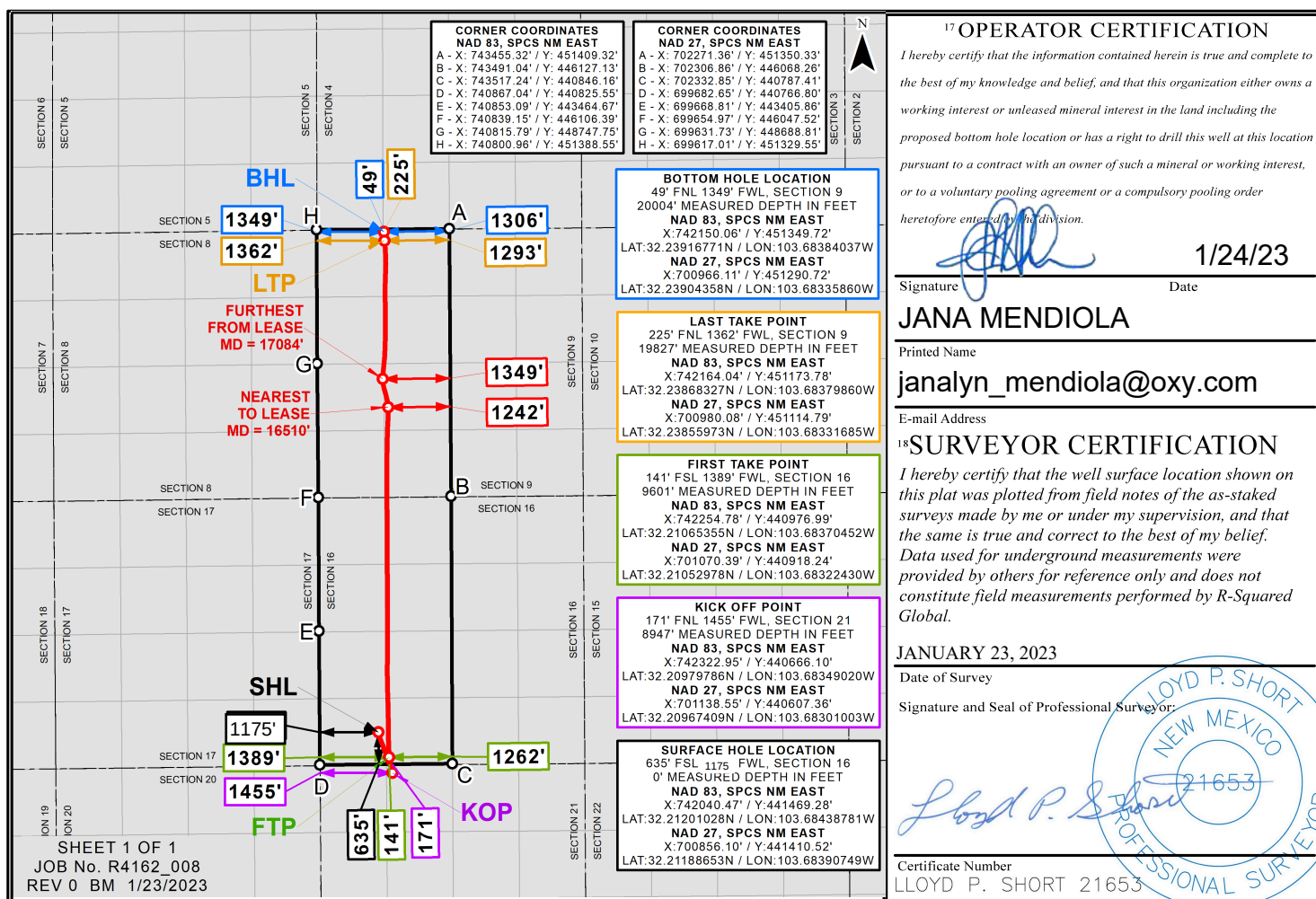
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-025-48815	² Pool Code 96229	³ Pool Name MESA VERDE; BONE SPRING
⁴ Property Code 320828	Property Name MESA VERDE BS UNIT	⁶ Well Number 45H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁹ Elevation 3572'

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
M	16	24S	32E		635	SOUTH	1175	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
C	9	24S	32E		49	NORTH	1349	WEST	LEA
¹² Dedicated Acres 640.0	¹³ Joint or Infill	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.

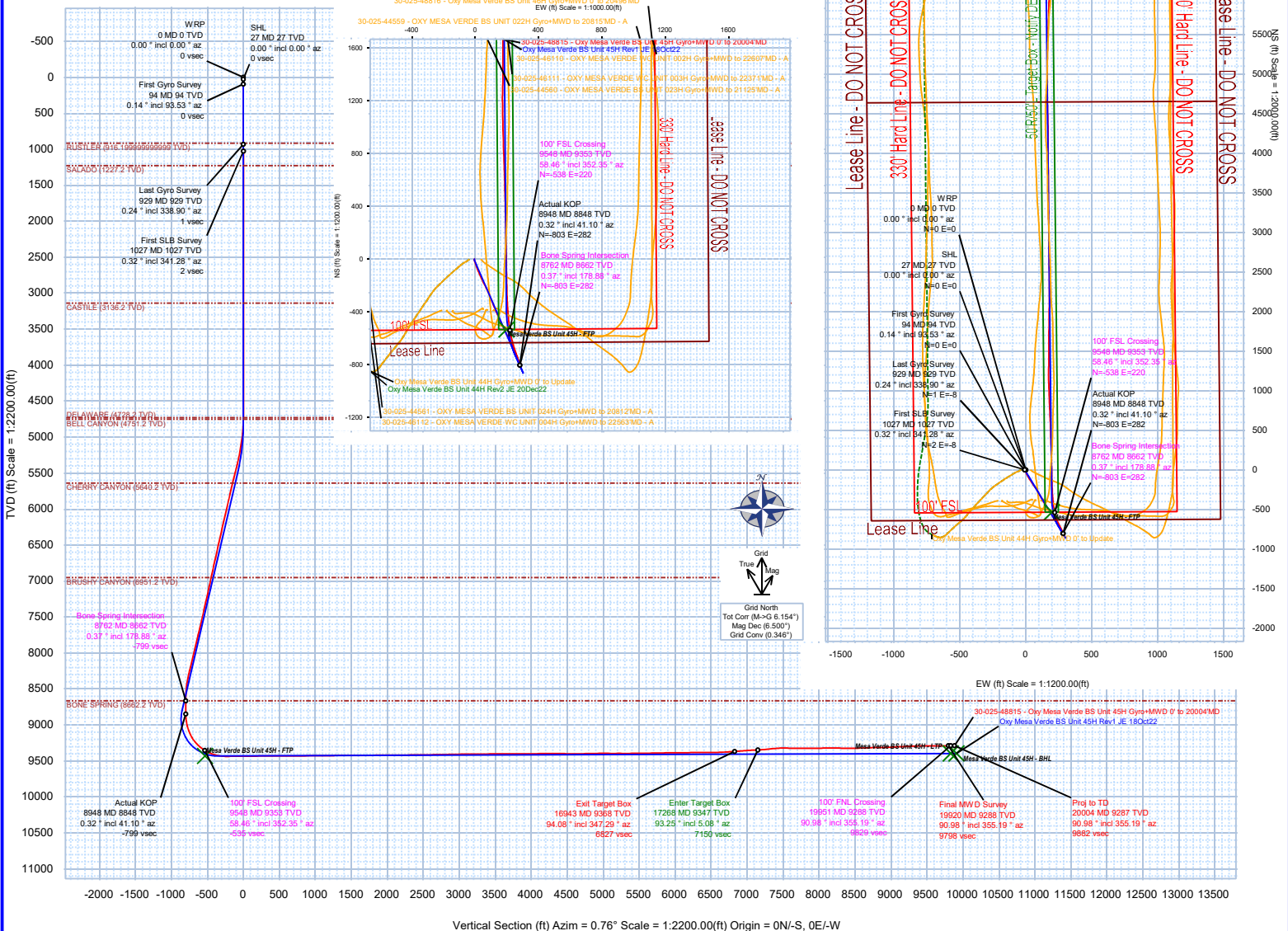


Distances/areas relative to NAD 83 Combined Scale Factor: 0.9990013 Convergence Angle: 0.68792778



Borehole:		Well:	Field:		Structure:	
Mesa Verde BS Unit 45H		Mesa Verde BS Unit 45H	NM Lea County (NAD 83)		Oxy Mesa Verde BS Unit Pad	
Gravity & Magnetic Parameters			Surface Location NAD83 New Mexico State Plane, Eastern Zone, US Feet			Miscellaneous
Model: IFR1	Dip: 59.848°	Date: 27-Oct-2022	Lat: N 32 12 43.24	Northing: 441468.281US	Grid Conv: 0.3459°	Slot: Mesa Verde BS Unit 45H
MagDec: 6.5°	FS: 47612.2nT	Gravity FS: 998.432mgn (9.80665 Based)	Lon: W 103 41 3.80	Easting: 742040.471US	Scale Fact: 0.99995523	TVD Ref: RKB(3598.2ft above MSL)
						Plan: 30-025-48815 - Oxy Mesa Verde BS Unit 45H Gyro-MWD 0' to 20004'MD

Critical Points								
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	
First Gyro Survey	93.73	0.14	93.53	93.73	0.00	-0.01	0.08	0.21
Last Gyro Survey	929.26	0.24	338.90	929.21	1.08	1.18	-7.65	0.25
First SLB Survey	1027.00	0.32	341.28	1026.95	1.53	1.63	-7.81	0.08
Bone Spring Intersection	8762.13	0.37	178.88	8662.20	-799.33	-803.13	282.37	1.42
Actual KOP	8948.00	0.32	41.10	8848.07	-799.37	-803.18	282.49	9.16
100' FSL Crossing	9548.00	58.46	352.35	9352.51	-535.34	-538.29	219.70	9.95
Exit Target Box	16943.00	94.08	347.29	9367.59	6827.41	6826.67	101.21	3.63
Enter Target Box	17268.00	93.25	5.08	9347.07	7150.16	7149.50	96.93	3.45
Final MWD Survey	19920.00	90.98	355.19	9288.04	9797.91	9797.23	116.64	2.46
100' FNL Crossing	19951.00	90.98	355.19	9287.51	9828.76	9828.11	114.04	0.00
Proj to TD	20004.00	90.98	355.19	9286.60	9881.50	9880.92	109.60	0.00



Schlumberger

30-025-48815 - Oxy Mesa Verde BS Unit 45H Gyro+MWD 0' to 20004'MD Survey Geodetic Report

(Def Survey)



Report Date: December 29, 2022 - 01:11 PM
Client: OXY
Field: NM Lea County (NAD 83)
Structure / Slot: Oxy Mesa Verde BS Unit Pad / Mesa Verde BS Unit 45H
Well: Mesa Verde BS Unit 45H
Borehole: Mesa Verde BS Unit 45H
UWI / API#: Unknown / Unknown
Survey Name: 30-025-48815 - Oxy Mesa Verde BS Unit 45H Gyro+MWD 0' to 20004'MD
Survey Date: October 18, 2022
Tort / AHD / DDI / ERD Ratio: 278.382 " / 11582.098 ft / 6.835 / 1.227
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 12' 43.23701", W 103° 41' 3.79610"
Location Grid N/E Y/X: N 441469.280 ftUS, E 742040.470 ftUS
CRS Grid Convergence Angle: 0.3459 °
Grid Scale Factor: 0.99995523
Version / Patch: 2.10.829.1

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 0.758 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3598.200 ft above MSL
Seabed / Ground Elevation: 3571.700 ft above MSL
Magnetic Declination: 6.500 °
Total Gravity Field Strength: 998.4318mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47612.200 nT
Magnetic Dip Angle: 59.848 °
Declination Date: October 27, 2022
Magnetic Declination Model: IFR1
North Reference: Grid North
Grid Convergence Used: 0.3500 °
Total Corr Mag North->Grid North: 6.1500 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSECE (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
WRP SHL First Gyro Survey	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	0.00	0.00	441469.28	742040.47	N 32 12 43.24	W 103 41 3.80
	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	0.00	0.00	441469.28	742040.47	N 32 12 43.24	W 103 41 3.80
	93.73	0.14	93.53	93.73	0.00	-0.01	0.08	0.21	0.08	93.53	441469.28	742040.55	N 32 12 43.24	W 103 41 3.80
	178.32	0.63	279.83	178.32	0.06	0.07	-0.27	0.91	0.28	283.98	441469.35	742040.20	N 32 12 43.24	W 103 41 3.80
	266.29	0.78	293.12	266.28	0.37	0.39	-1.30	0.25	1.36	286.52	441469.67	742039.17	N 32 12 43.24	W 103 41 3.81
	360.57	0.68	294.36	360.55	0.84	0.87	-2.40	0.11	2.55	289.89	441470.15	742038.07	N 32 12 43.25	W 103 41 3.82
	454.89	0.63	286.83	454.87	1.20	1.25	-3.41	0.11	3.63	290.14	441470.53	742037.06	N 32 12 43.25	W 103 41 3.84
	554.25	0.78	276.21	554.22	1.42	1.48	-4.60	0.20	4.83	287.84	441470.76	742035.87	N 32 12 43.25	W 103 41 3.85
	643.35	0.68	256.96	643.31	1.35	1.43	-5.72	0.30	5.89	284.01	441470.71	742034.75	N 32 12 43.25	W 103 41 3.86
	737.66	0.60	247.93	737.62	1.03	1.12	-6.72	0.14	6.81	279.42	441470.40	742033.75	N 32 12 43.25	W 103 41 3.87
Last Gyro Survey First SLB Survey	831.90	0.24	279.17	831.86	0.86	0.96	-7.37	0.44	7.44	277.43	441470.24	742033.10	N 32 12 43.25	W 103 41 3.88
	929.26	0.24	338.90	929.21	1.08	1.18	-7.65	0.25	7.74	278.80	441470.46	742032.82	N 32 12 43.25	W 103 41 3.89
	1027.00	0.32	341.28	1026.95	1.53	1.63	-7.81	0.08	7.98	281.81	441470.91	742032.66	N 32 12 43.25	W 103 41 3.89
	1120.00	0.17	268.15	1119.95	1.77	1.87	-8.03	0.34	8.25	283.14	441471.16	742032.44	N 32 12 43.26	W 103 41 3.89
	1213.00	0.06	66.84	1212.95	1.78	1.89	-8.12	0.24	8.34	283.09	441471.17	742032.35	N 32 12 43.26	W 103 41 3.89
	1307.00	0.17	25.17	1306.95	1.93	2.04	-8.02	0.14	8.27	284.24	441471.32	742032.45	N 32 12 43.26	W 103 41 3.89
	1399.00	0.14	205.28	1398.95	1.95	2.06	-8.01	0.34	8.27	284.40	441471.34	742032.46	N 32 12 43.26	W 103 41 3.89
	1492.00	0.14	238.61	1491.95	1.79	1.90	-8.16	0.09	8.37	283.08	441471.18	742032.32	N 32 12 43.26	W 103 41 3.89
	1585.00	0.11	71.70	1584.95	1.76	1.86	-8.17	0.27	8.38	282.86	441471.14	742032.30	N 32 12 43.26	W 103 41 3.89
	1681.00	0.12	139.55	1680.95	1.71	1.82	-8.02	0.13	8.22	282.77	441471.10	742032.46	N 32 12 43.26	W 103 41 3.89
Bone Spring Intersection	1775.00	0.11	46.77	1774.95	1.70	1.80	-7.89	0.18	8.09	282.88	441471.08	742032.59	N 32 12 43.26	W 103 41 3.89
	1870.00	0.09	49.46	1869.95	1.81	1.91	-7.76	0.02	8.00	283.85	441471.19	742032.71	N 32 12 43.26	W 103 41 3.89
	1964.00	0.10	281.42	1963.95	1.88	1.98	-7.79	0.18	8.03	284.26	441471.26	742032.68	N 32 12 43.26	W 103 41 3.89
	2058.00	0.08	270.73	2057.95	1.89	2.00	-7.93	0.03	8.18	284.12	441471.28	742032.54	N 32 12 43.26	W 103 41 3.89
	2153.00	0.08	349.30	2152.95	1.96	2.06	-8.01	0.11	8.27	284.43	441471.34	742032.46	N 32 12 43.26	W 103 41 3.89
	2210.00	0.11	125.51	2209.95	1.96	2.07	-7.97	0.31	8.24	284.55	441471.35	742032.50	N 32 12 43.26	W 103 41 3.89
	2247.00	0.09	179.31	2246.95	1.91	2.02	-7.95	0.25	8.20	284.26	441471.30	742032.53	N 32 12 43.26	W 103 41 3.89
	2342.00	0.10	257.13	2341.95	1.82	1.93	-8.02	0.13	8.25	283.50	441471.21	742032.45	N 32 12 43.26	W 103 41 3.89
	2437.00	0.16	30.53	2436.95	1.92	2.02	-8.04	0.25	8.29	284.12	441471.30	742032.43	N 32 12 43.26	W 103 41 3.89
	2531.00	0.13	334.89	2530.95	2.13	2.23	-8.02	0.15	8.32	285.56	441471.51	742032.45	N 32 12 43.26	W 103 41 3.89
Actual KOP	2626.00	0.15	320.55	2625.95	2.32	2.43	-8.14	0.04	8.50	286.59	441471.71	742032.33	N 32 12 43.26	W 103 41 3.89
	2721.00	0.08	175.55	2720.95	2.35	2.46	-8.22	0.23	8.57	286.64	441471.74	742032.26	N 32 12 43.26	W 103 41 3.89
	2816.00	0.13	275.37	2815.95	2.29	2.40	-8.32	0.17	8.66	286.09	441471.68	742032.15	N 32 12 43.26	W 103 41 3.89
	2911.00	0.09	269.67	2910.95	2.30	2.41	-8.50	0.04	8.63	285.82	441471.69	742031.97	N 32 12 43.26	W 103 41 3.89
	3006.00	0.08	218.11	3005.95	2.24	2.36	-8.62	0.08	8.59	285.30	441471.64	742031.86	N 32 12 43.26	W 103 41 3.90
	3101.00	0.06	184.66	3100.95	2.14	2.25	-8.66	0.05	8.95	284.59	441471.53	742031.81	N 32 12 43.26	W 103 41 3.90
	3196.00	0.10	321.20	3195.95	2.15	2.27	-8.72	0.16	9.01	284.59	441471.55	742031.75	N 32 12 43.26	W 103 41 3.90
	3291.00	0.10	282.96	3290.95	2.24	2.35	-8.85	0.07	9.16	284.89	441471.63	742031.62	N 32 12 43.26	W 103 41 3.90
	3386.00	0.10	108.65	3385.95	2.23	2.34	-8.85	0.21	9.16	284.84	441471.62	742031.62	N 32 12 43.26	W 103 41 3.90
	3481.00	0.10	86.81	3480.95	2.21	2.32	-8.89	0.04	8.99	284.97	441471.60	742031.78	N 32 12 43.26	W 103 41 3.90
	3576.00	0.10	228.33	3575.95	2.16	2.27	-8.67	0.20	8.96	284.69	441471.55	742031.80	N 32 12 43.26	W 103 41 3.90
	3671.00	0.21	226.86	3670.95	1.98	2.10	-8.86	0.12	9.10	283.33	441471.38	742031.61	N 32 12 43.26	W 103 41 3.90
	3766.00	0.18	299.74	3765.95	1.93	2.05	-9.11	0.25	9.34	282.69	441471.33	742031.36	N 32 12 43.26	W 103 41 3.90
	3861.00	0.20	219.86	3860.95	1.88	2.00	-9.35	0.26	9.56	282.07	441471.28	742031.12	N 32 12 43.26	W 103 41 3.90
	3956.00	0.11	14.82	3955.95	1.84	1.96	-9.43	0.32	9.63	281.74	441471.24	742031.04	N 32 12 43.26	W 103 41 3.91
	4050.00	0.11	8.61	4049.95	2.01	2.14	-9.40	0.01	9.64	282.81	441471.42	742031.07	N 32 12 43.26	W 103 41 3.91
	4146.00	0.09	228.22	4145.95	2.04	2.16	-9.42	0.21	9.66	282.93	441471.44	742031.05	N 32 12 43.26	W 103 41 3.91
	4240.00	0.12	154.46	4239.95	1.88	2.01	-9.41	0.10	9.62	282.04	441471.29	742031.06	N 32 12 43.26	W 103 41 3.91
	4330.00	0.05	334.87	4329.95	1.78	1.90	-9.36	0.09	9.55	281.49	441471.18	742031.11	N 32 12 43.26	W 103 41 3.90
	4524.00	0.15	355.27	4523.95	1.94	2.06	-9.39	0.11	9.61	282.40	441471.34	742031.08	N 32 12 43.26	W 103 41 3.91
	4619.00	0.12	33.81	4618.95	2.15	2.27	-9.34	0.10	9.61	283.66	441471.55	742031.13	N 32 12 43.26	W 103 41 3.90
	4714.00	0.57	130.32	4713.95	1.93	2.05	-9.93	0.63	9.16	282.91	441471.33	742031.54	N 32 12 43.26	W 103 41 3.90
	4809.00	0.10	25.84	4808.90	-0.46	-0.56	-7.40	0.22	8.67	282.29	441471.42	742032.82	N 32 12 43.26	W 103 41 3.88
	4904.00	4.83	160.44	4903.69	-6.30	-6.23	-5.34	2.18	8.21	220.60	441463.05	742035.13	N 32 12 43.18	W 103 41 3.86
	4999.00	7.13	165.31	4998.16	-15.74	-15.71	-2.51	2.48	15.90	189.07	441453.58	742037.96	N 32 12 43.08	W 103 41 3.83
	5094.00	9.05	164.65	5092.21	-28.60	-28.61	0.97	2.02	28.63	178.07	441440.67	742041.44	N 32 12 42.95	W 103 41 3.79
	5189.00	10.54	164.40	5185.83	-44.12	-44.19	5.28	1.57	44.50	173.19	441425.09	742045.75	N 32 12 42.80	W 103 41 3.74
	5284.00	12.17	163.05	5278.96	-61.99	-62.14	10.54	1.74	63.03	170.38	441407.15	742051.01	N 32 12 42.62	W 103 41 3.68
	5378.00	14.14	161.80	5370.49	-82.38	-82.53	17.05	2.12	82.46	166.76	441386.76	742057.48	N 32 12 42.47	W 103 41 3.60
	5473.00	15.47	160.33	5462.33	-105.14	-105.48	24.90	1.45	108.38	166.72	441363.80	742065.37	N 32 12 42.19	W 103 41 3.51
	5568.00	14.22	159.38	5554.16	-127.88	-128.33	33.28	1.34	132.58	165.46	441340.95	742073.74	N 32 12 41.97	W 103 41 3.42
	5663.00	14.48	158.50	5646.20	-149.74	-150.30	41.74	0.36	155.99	164.48	441318.98	742082.21	N 32 12 41.75	W 103 41 3.32
	5758.00	14.44	157.42	5738.19	-171.61	-172.29	50.64	0.29	179.58	163.62	441297.00	742091.11	N 32 12 41.53	W 103 41 3.22
	5853.00	14.18	156.41	5830.24	-193.08	-193.89	59.84	0.38	202.92	162.85	441275.40	742100.31	N 32 12 41.31	W 103 41 3.11
	5948.00	14.53	157.43	5922.28	-214.63	-215.56	69.07	0.45	226.36	162.23	441253.73	742109.54	N 32 12 41.10	W 103 41 3.01
	6042.00	14.58	158.48	5902.48	-237.42	-237.37	79.28	0.28	249.83	161.83	441231.87	742118.83	N 32 12 40.48	W 103 41 2.91
	6137.00	13.62	160.34	6105.42	-257.88	-259.04	86.06	0.57	272.96	161.62	441210.25	742126.53	N 32 12 40.67	W 103 41 2.81
	6232.00	13.22	161.68	6197.82	-278.63	-279.88	93.24	1.03	295.01	161.58	441189.41	742133.70	N 32 12 40.46	W 103 41 2.73
	6421.00	13.50	161.43	6381.71	-310.87	-321.31	107.06							

Comments	MD (ft)	Incl (°)	Azin Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
100' FSL Crossing	9422.00	46.49	346.35	9275.91	-633.17	-636.37	237.62	11.11	679.29	159.52	440832.94	742278.08	N 32 12 36.83	W 103 41 1.08
	9516.00	55.45	351.11	9335.06	-581.83	-564.83	223.56	10.31	607.47	158.41	440904.47	742264.02	N 32 12 37.93	W 103 41 1.23
	9548.00	58.46	352.35	9352.51	-535.34	-538.29	219.70	9.95	581.40	157.80	440931.01	742260.16	N 32 12 37.90	W 103 41 1.28
	9612.00	64.51	354.60	9383.05	-479.58	-482.45	213.35	9.95	527.52	156.14	440986.85	742253.81	N 32 12 38.45	W 103 41 1.35
	9707.00	74.73	356.59	9416.09	-391.01	-393.78	206.57	10.93	444.67	152.32	441075.52	742247.03	N 32 12 39.33	W 103 41 1.42
	9802.00	84.72	357.97	9433.02	-297.82	-300.53	202.15	10.61	362.19	146.07	441168.77	742242.61	N 32 12 40.25	W 103 41 1.46
	9897.00	92.15	359.06	9435.61	-203.00	-205.66	199.70	7.80	286.66	135.84	441263.63	742240.16	N 32 12 41.19	W 103 41 1.49
	9991.00	90.49	359.00	9433.45	-109.07	-111.70	198.11	1.77	227.43	119.42	441357.58	742238.57	N 32 12 42.12	W 103 41 1.50
	10064.00	90.44	359.44	9432.85	-36.10	-38.71	197.11	0.61	200.88	101.11	441430.57	742237.57	N 32 12 42.84	W 103 41 1.50
	10159.00	89.95	359.12	9432.53	58.87	56.28	195.92	0.62	203.84	73.97	441525.56	742236.38	N 32 12 43.78	W 103 41 1.51
Exit Target Box	10254.00	90.38	359.14	9432.26	153.83	151.27	194.48	0.45	246.38	52.12	441620.54	742234.94	N 32 12 44.72	W 103 41 1.52
	10343.00	91.05	359.06	9431.15	242.78	240.25	193.08	0.76	308.22	38.79	441709.52	742233.54	N 32 12 45.60	W 103 41 1.53
	10438.00	90.77	358.92	9429.84	337.73	335.22	191.40	0.33	386.02	29.73	441804.49	742231.96	N 32 12 46.54	W 103 41 1.54
	10533.00	89.10	358.99	9429.74	432.68	430.20	189.67	1.76	470.16	23.79	441899.46	742230.13	N 32 12 47.48	W 103 41 1.56
	10628.00	90.24	358.87	9430.29	527.62	525.18	187.90	1.21	557.78	19.69	441994.44	742228.36	N 32 12 48.42	W 103 41 1.57
	10723.00	89.97	358.49	9430.12	622.56	620.16	185.71	0.49	647.37	16.67	442089.41	742226.17	N 32 12 49.36	W 103 41 1.59
	10816.00	90.80	358.45	9429.49	715.48	713.12	183.22	0.89	736.28	14.41	442182.37	742223.69	N 32 12 50.28	W 103 41 1.61
	10909.00	90.31	358.52	9428.59	808.41	806.08	180.77	0.53	826.10	12.64	442275.33	742221.23	N 32 12 51.20	W 103 41 1.64
	11002.00	90.46	358.71	9427.97	901.34	899.06	178.52	0.26	916.61	11.23	442368.29	742218.98	N 32 12 52.12	W 103 41 1.66
	11096.00	90.61	358.62	9427.09	995.29	993.03	176.33	0.19	1006.56	10.07	442462.26	742216.79	N 32 12 53.05	W 103 41 1.67
Enter Target Box	11286.00	90.46	359.41	9425.31	1185.17	1182.99	173.06	0.42	1195.58	8.32	442552.21	742213.52	N 32 12 54.93	W 103 41 1.70
	11380.00	90.92	1.30	9424.18	1279.16	1276.97	173.64	2.07	1288.73	7.74	442746.20	742214.11	N 32 12 55.86	W 103 41 1.69
	11473.00	90.68	0.24	9422.88	1372.15	1369.96	174.89	1.17	1381.07	7.28	442839.17	742215.36	N 32 12 56.78	W 103 41 1.66
	11565.00	90.15	0.37	9422.22	1464.14	1461.95	175.38	0.59	1472.43	6.84	442931.16	742215.85	N 32 12 57.69	W 103 41 1.65
	11659.00	90.24	0.27	9421.90	1558.14	1555.95	175.91	0.14	1565.86	6.45	443025.16	742216.37	N 32 12 58.62	W 103 41 1.64
	11754.00	90.17	359.74	9422.06	1653.13	1650.95	175.32	0.60	1660.29	6.08	443120.15	742216.38	N 32 12 59.56	W 103 41 1.63
	11848.00	90.68	0.50	9421.85	1747.12	1744.95	176.11	1.43	1753.81	5.76	443214.15	742216.58	N 32 13 0.49	W 103 41 1.62
	11943.00	90.74	0.35	9420.67	1842.11	1839.94	176.82	0.17	1848.41	5.49	443309.13	742217.28	N 32 13 1.43	W 103 41 1.61
	12038.00	90.64	0.32	9419.53	1937.11	1934.93	177.37	0.11	1943.04	5.24	443404.12	742217.84	N 32 13 2.37	W 103 41 1.60
	12133.00	90.34	0.44	9418.72	2032.10	2029.92	178.00	0.34	2037.71	5.01	443499.11	742218.47	N 32 13 3.31	W 103 41 1.58
Final MWD Survey 100' FNL Crossing Pro to TD	12228.00	90.09	0.16	9418.36	2127.10	2124.92	178.50	0.40	2132.40	4.80	443594.10	742218.96	N 32 13 4.25	W 103 41 1.57
	12323.00	90.19	0.49	9417.88	2222.09	2219.92	178.79	2.22	2227.11	4.60	443689.09	742219.25	N 32 13 5.19	W 103 41 1.59
	12418.00	90.77	0.02	9416.63	2317.08	2314.91	178.97	0.34	2321.82	4.42	443784.08	742219.43	N 32 13 6.13	W 103 41 1.54
	12513.00	90.74	359.86	9415.58	2412.06	2409.90	178.87	0.17	2416.53	4.24	443879.07	742219.33	N 32 13 7.07	W 103 41 1.54
	12608.00	90.64	359.55	9414.44	2507.04	2504.90	178.38	0.34	2511.24	4.07	443974.06	742218.84	N 32 13 8.01	W 103 41 1.54
	12703.00	90.58	359.54	9413.43	2602.01	2599.89	177.62	0.06	2605.95	3.91	444069.05	742218.09	N 32 13 8.95	W 103 41 1.55
	12798.00	90.74	359.66	9412.33	2696.98	2694.86	176.96	0.21	2700.68	3.76	444164.03	742217.42	N 32 13 9.89	W 103 41 1.55
	12893.00	91.26	359.59	9410.68	2791.95	2789.86	176.94	0.55	2795.43	3.62	444259.01	742216.80	N 32 13 10.83	W 103 41 1.55
	12988.00	91.29	0.02	9409.56	2886.91	2884.84	176.01	0.45	2890.20	3.49	444353.98	742216.48	N 32 13 11.77	W 103 41 1.54
	13083.00	91.01	359.85	9406.65	2981.88	2979.82	175.91	0.34	2985.01	3.38	444448.96	742216.37	N 32 13 12.71	W 103 41 1.54
Exit Target Box	13178.00	91.08	359.81	9404.92	3076.86	3074.80	175.83	0.08	3079.81	3.27	444543.94	742216.09	N 32 13 13.65	W 103 41 1.54
	13273.00	90.03	358.33	9404.00	3171.81	3169.78	174.08	1.91	3174.56	3.14	444638.91	742214.55	N 32 13 14.59	W 103 41 1.55
	13368.00	90.09	359.54	9403.90	3266.76	3264.76	172.32	1.28	3269.31	3.02	444733.89	742212.78	N 32 13 15.53	W 103 41 1.56
	13463.00	90.86	359.65	9403.11	3361.73	3359.76	171.85	0.82	3364.14	2.92	444828.88	742212.11	N 32 13 16.47	W 103 41 1.56
	13558.00	90.46	0.04	9402.02	3456.75	3454.75	171.39	0.50	3459.70	2.84	444923.87	742211.87	N 32 13 17.41	W 103 41 1.54
	13653.00	90.15	359.68	9401.51	3551.70	3549.75	171.16	0.50	3553.87	2.76	445018.86	742211.62	N 32 13 18.35	W 103 41 1.55
	13748.00	90.27	359.76	9401.17	3646.68	3644.75	170.69	0.15	3648.74	2.68	445113.86	742211.86	N 32 13 19.29	W 103 41 1.55
	13843.00	90.15	359.82	9400.82	3741.67	3739.74	170.34	0.14	3743.62	2.61	445208.85	742210.81	N 32 13 20.23	W 103 41 1.55
	13938.00	90.31	0.01	9400.44	3836.66	3834.74	170.20	0.26	3838.52	2.54	445303.84	742210.67	N 32 13 21.17	W 103 41 1.55
	14033.00	90.31	359.95	9399.92	3931.65	3929.74	170.17	0.06	3933.42	2.48	445398.84	742210.63	N 32 13 22.11	W 103 41 1.54
Enter Target Box	14128.00	90.49	359.85	9399.85	4026.64	4024.72	170.02	0.42	4028.33	2.40	445493.83	742210.40	N 32 13 23.05	W 103 41 1.52
	14223.00	90.52	359.73	9398.42	4121.62	4119.74	169.66	0.13	4123.23	2.36	445588.82	742210.12	N 32 13 23.99	W 103 41 1.53
	14318.00	90.46	359.78	9397.61	4216.60	4214.73	169.25	0.08	4218.13	2.30	445683.81	742209.71	N 32 13 24.93	W 103 41 1.53
	14413.00	89.87	359.40	9397.34	4311.58	4309.73	168.57	0.74	4313.02	2.24	445778.81	742209.03	N 32 13 25.87	W 103 41 1.53
	14508.00	89.87	359.85	9397.55	4406.56	4404.72	167.95	0.47	4407.93	2.18	445873.80	742208.41	N 32 13 26.81	W 103 41 1.53
	14603.00	87.47	358.01	9399.76	4501.48	4499.67	166.18	1.18	4502.74	2.12	445968.74	742206.64	N 32 13 27.75	W 103 41 1.55
	14698.00	89.86	9401.29	9398.66	4596.38	4594.62	164.25	0.58	4597.56	2.05	446063.69	742204.71	N 32 13 28.69	W 103 41 1.56
	14792.00	91.23	0.10	9399.72	4690.37	4688.55	164.05	0.75	4691.48	2.00	446157.67	742204.51	N 3	

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
		1	26.500	26.500	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only		Mesa Verde BS Unit 45H / 30-025-48815 - Oxy Mesa Verde BS Unit 45H Gyro+MWD 0' to 20004MD				
		1	26.500	929.260	Act Stns	26.400	26.400	GYD_GC+DROP+OH		Mesa Verde BS Unit 45H / 30-025-48815 - Oxy Mesa Verde BS Unit				
		1	929.260	16506.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS		Mesa Verde BS Unit 45H / 30-025-48815 - Oxy Mesa Verde BS Unit 45H Gyro+MWD 0' to 20004MD				
		1	16506.000	16850.000	Act Stns	26.400	26.400	A009Mb_MWD+IFR1+SAG		Mesa Verde BS Unit 45H / 30-025-48815 - Oxy Mesa Verde BS Unit				
		1	16850.000	20004.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS		Mesa Verde BS Unit 45H / 30-025-48815 - Oxy Mesa Verde BS Unit 45H Gyro+MWD 0' to 20004MD				

Well Name: MESA VERDE BS UNIT	Well Location: T24S / R32E / SEC 16 / SWSW / 32.2120103 / -103.6843878	County or Parish/State: LEA / NM
Well Number: 45H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM55953	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548815	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2723562

Type of Submission: Subsequent Report

Date Sundry Submitted: 03/30/2023

Date Operation Actually Began: 01/02/2023

Type of Action: Workover Operations

Time Sundry Submitted: 10:06

Actual Procedure: RUPU 01/02/23, RIH & clean out to PBTD @ 19962', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 9601-19827' Total 1230 holes. Frac in 41 stages w/ 431401BBL Produced Water + 13342BBL Brackish Water (> 1,000 mg/I TDS and 10,000 mg/I TDS) w/ 25340840# sand, RD NexTier 01/19/23. Well ready to produce 1/25/23. OXY USA Inc. requests a tubing exception while continuing to flow back this well. The estimated date of tubing install is 6/30/2023. Formation Tops for this completion are as follows: TOP MD TVD Rustler 910 910 Salado 1446 1446 Castile 2536 2536 Delaware 4676 4676 Bell Canyon 4714 4714 Cherry Canyon 5724 5706 Brushy Canyon 6954 6901 Bone Spring 8722 8622

Well Name: MESA VERDE BS UNIT	Well Location: T24S / R32E / SEC 16 / SWSW / 32.2120103 / -103.6843878	County or Parish/State: LEA / NM
Well Number: 45H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM55953	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002548815	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

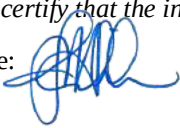
Operator Electronic Signature: JANA MENDIOLA
Signed on: MAR 30, 2023 10:06 AM
Name: OXY USA INCORPORATED
Title: Regulatory Coordinator
Street Address: PO BOX 50250
City: Midland State: TX
Phone: (432) 685-5936
Email address: Janalyn_mendiola@oxy.com

Field

Representative Name:
Street Address:
City: State: Zip:
Phone:
Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD
BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972
BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted
Disposition Date: 04/06/2023
Signature: Jonathon Shepard

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							1. WELL API NO. 30-025-48815			
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)							2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN			
							3. State Oil & Gas Lease No.			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER							5. Lease Name or Unit Agreement Name MESA VERDE BONE SPRING UNIT			
8. Name of Operator: OXY USA INC.						6. Well Number: 45H				
10. Address of Operator: P.O. BOX 50250 MIDLAND, TX 79710						11. Pool name or Wildcat MESA VERDE; BONE SPRING				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	M	16	24S	32E		635	SOUTH	1175	WEST	LEA
BH:	C	9	24S	32E		49	NORTH	1349	WEST	LEA
13. Date Spudded 10/14/22	14. Date T.D. Reached 12/16/2022		15. Date Rig Released 12/19/2022		16. Date Completed (Ready to Produce) 01/25/2023		17. Elevations (DF and RKB, RT, GR, etc.) 3572' GL			
18. Total Measured Depth of Well 20004'M 9287'V			19. Plug Back Measured Depth 19962'M 9287'V		20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run CBL			
22. Producing Interval(s), of this completion - Top, Bottom, Name 9601-19827' Bone Spring										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10.75" J55		45.5		951'		14.75"		990sx-surf circ		
7.625" HCL80		26.4		8886'		9.875"		2691sx-surf		
5.5" P110CY		20		19984'		6.75"		817sx-TOC@7721'		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET		PACKER SET
26. Perforation record (interval, size, and number) 9601-19827' Total 1230 holes, Hole Size=0.42						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						9601-19827'		431401BBL Produced Water + 13342BBL Brackish Water (> 1,000 mg/l TDS and 10,000 mg/l TDS) w/ 25340840# sand		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
01/30/2023		FLOWING				Prod.				
Date of Test	Hours Tested	Choke Size	Prod'n For	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
02/10/2023	24 hrs.	128/128	Test Period	2895	4905	3649	1694			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	726		2895	4905	3649					
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD							30. Test Witnessed By			
31. List Attachments WBD										
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: <u>Jana Mendiola</u>			Title: <u>Sr. Regulatory Analyst</u>			Date: <u>04/30/2023</u>		
E-mail Address: <u>janalyn_mendiola@oxy.com</u>										

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. Rustler 910'	T. Bell Canyon 4714'	T. Ojo Alamo	T. Penn A "
T. Salado 1446'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 2536'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 4676'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 5724'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 6954'	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 8722'	T. Todilto	
T. Abo	T. 1 st Bone Springs	T. Entrada	
T. Wolfcamp	T. 2 nd Bone Springs	T. Wingate	
T. Penn	T. 3 rd Bone Springs	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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

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

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

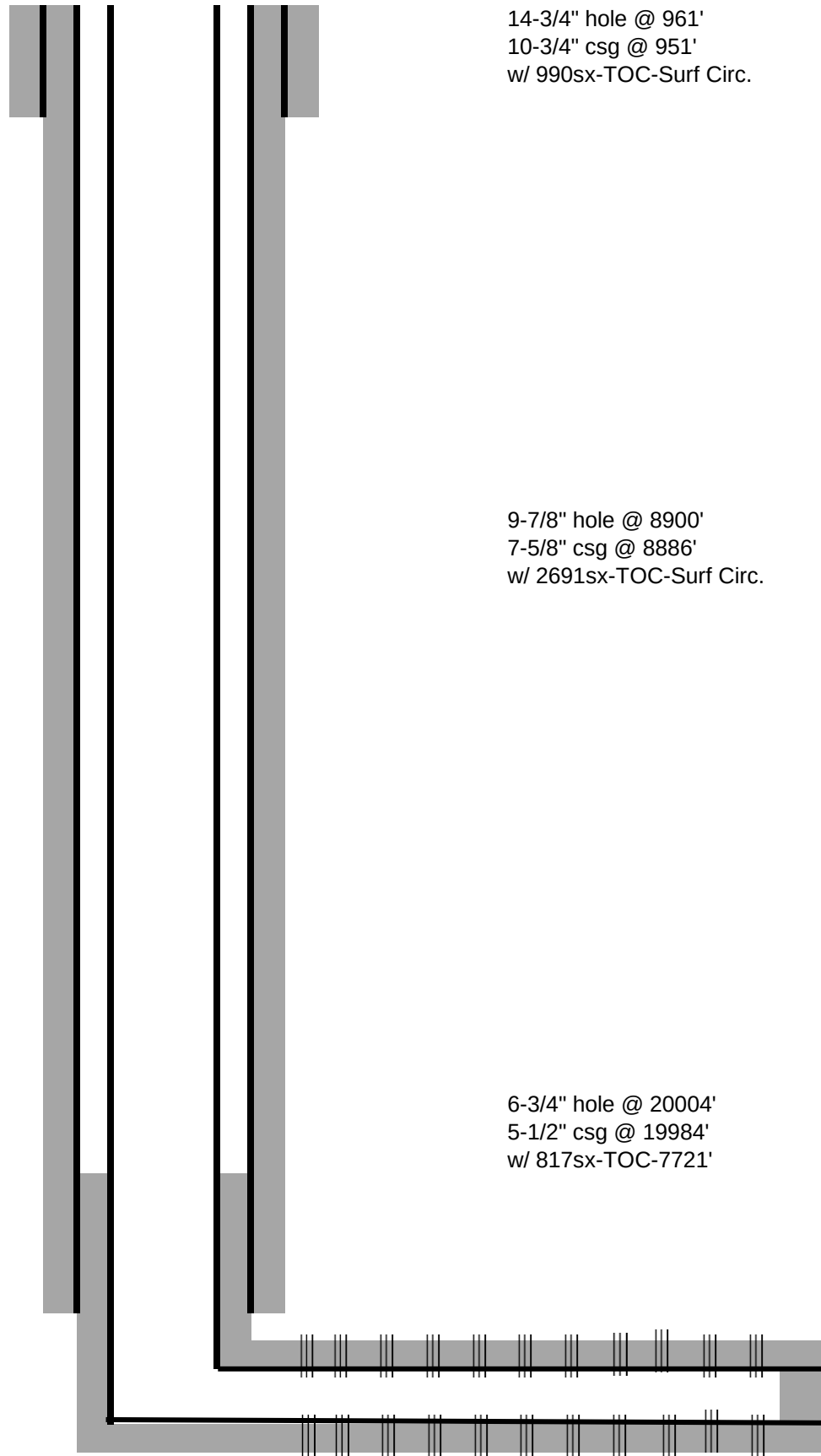
No. 4, from.....to.....

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

OXY USA Inc.
MESA VERDE BONE SPRING UNIT 45H
API No. 30-025-48815



Perfs @ 9601-19827'

TD- 20004'M 9287"V

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

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

ACKNOWLEDGMENTS

Action 211985

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 211985
	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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 211985

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 211985
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	5/1/2023