

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA INC. PO BOX 50250 MIDLAND, TX 79710		² OGRID Number 16696
		³ Reason for Filing Code/ Effective Date NW - 05/16/2023
⁴ API Number 30 - 015-47771	⁵ Pool Name Bilbrey Basin, Bone Spring	
		⁶ Pool Code 5695
⁷ Property Code 329719	⁸ Property Name Top Spot 12-13 Federal Com	
		⁹ Well Number 21H

II. ¹⁰ Surface Location

UL or lot no. N	Section 13	Township 22S	Range 31E	Lot Idn	Feet from the 655	North/South Line South	Feet from the 2052	East/West line West	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. D	Section 12	Township 22S	Range 31E	Lot Idn	Feet from the 49	North/South line North	Feet from the 449	East/West line West	County Eddy
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 05/21/23	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	Centerion Pipeline, L.P.	O
248749	DCP Midstream, LP	G

IV. Well Completion Data

²¹ Spud Date 10/31/2023	²² Ready Date 05/16/2023	²³ TD 21154' MD, 10388' TVD	²⁴ PBDT 21064' MD, 10386' TVD	²⁵ Perforations 10,791' – 20,933'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17 1/2"		13 3/8"		888	1090sx - TOC 0'
12 1/4"		9 5/8"		4564	1314sx - TOC 0'
8 3/4"		7 5/8"		9745	596sx- TOC 3064'
6 3/4"		5 1/2"		21090	804sx- TOC 7757'

V. Well Test Data Tubing: 2 3/8" - Depth set: 10388'

³¹ Date New Oil 5/21/2023	³² Gas Delivery Date 05/21/2023	³³ Test Date 5/25/2023	³⁴ Test Length 24 Hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 66
³⁷ Choke Size 0	³⁸ Oil 3587	³⁹ Water 6972	⁴⁰ Gas 1676		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: 	OIL CONSERVATION DIVISION	
Printed name: Sarah McKinney	Approved by: Sarah McGrath	
Title: Regulatory Analyst Sr.	Title: Petroleum Specialist - A	
E-mail Address: sarah_mckinney@oxy.com	Approval Date: 01/30/2024	
Date: 12/13/2023	File 3160-4 within 10 days of BLM Approval.	
Phone: 713-215-7295		

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

As-Drilled Plat

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.





Oxy Top Spot 12_13 Federal Com 21H Gyro+Corrected MWD to 21154ft Survey Geodetic Report



(Def Survey)

Report Date: March 21, 2023 - 09:05 AM Client: OXY Field: NM Eddy County (NAD 83) Structure / Slot: Oxy Top Spot 12_13 Federal Com Pad (H&P 479) / Top Spot 12_13 Federal Com 21H Well: Top Spot 12_13 Federal Com 21H Borehole: Top Spot 12_13 Federal Com 21H UWI / API#: Unknown / 30-015-47771 Survey Name: Oxy Top Spot 12_13 Federal Com 21H Gyro+Corrected MWD to 21154ft Survey Date: January 03, 2023 Tort / AHD / DDI / ERD Ratio: 338.449 ° / 12363.199 ft / 6.930 / 1.189 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet Location Lat / Long: N 32° 23' 9.76651", W 103° 44' 0.32280" Location Grid N/E Y/X: N 504694.400 ftUS, E 726520.600 ftUS CRS Grid Convergence Angle: 0.3213 ° Grid Scale Factor: 0.99994837 Version / Patch: 2.10.834.0	Survey / DLS Computation: Minimum Curvature / Lubinski Vertical Section Azimuth: 350.447 ° (Grid North) Vertical Section Origin: 0.000 ft, 0.000 ft TVD Reference Datum: RKB TVD Reference Elevation: 3593.000 ft above MSL Seabed / Ground Elevation: 3568.000 ft above MSL Magnetic Declination: 6.718 ° Total Gravity Field Strength: 998.4588mgn (9.80665 Based) Gravity Model: GARM Total Magnetic Field Strength: 47724.900 nT Magnetic Dip Angle: 60.099 ° Declination Date: February 28, 2023 Magnetic Declination Model: IFR1 North Reference: Grid North Grid Convergence Used: 0.3220 ° Total Corr Mag North->Grid North: 6.3960 ° Local Coord Referenced To: Well Head	
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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 °)
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	0.00	0.00	504694.40	726520.60	N 32.386046	W 103.733423
First Gyro Survey	25.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	504694.40	726520.60	N 32.386046	W 103.733423
	119.20	0.35	232.36	119.20	-0.14	-0.18	-0.23	0.37	0.29	232.36	504694.22	726520.37	N 32.386046	W 103.733424
	206.30	0.43	129.87	206.30	-0.51	-0.55	-0.19	0.70	0.58	198.91	504693.85	726520.41	N 32.386045	W 103.733424
	299.90	0.42	124.91	299.90	-1.02	-0.97	0.36	0.04	1.04	159.45	504693.43	726520.96	N 32.386044	W 103.733422
Last Gyro Survey First SLB Survey	394.10	0.39	104.01	394.09	-1.39	-1.24	0.96	0.16	1.57	142.42	504693.16	726521.56	N 32.386043	W 103.733420
	488.40	0.32	80.22	488.39	-1.51	-1.28	1.53	0.17	1.99	129.89	504693.12	726522.13	N 32.386043	W 103.733418
	582.70	0.49	41.27	582.69	-1.26	-0.93	2.05	0.33	2.25	114.35	504693.47	726522.65	N 32.386044	W 103.733416
	676.90	0.64	63.65	676.88	-0.85	-0.39	2.79	0.28	2.82	98.02	504694.01	726523.39	N 32.386045	W 103.733414
	771.20	0.68	49.96	771.18	-0.41	0.20	3.69	0.17	3.70	86.89	504694.60	726524.29	N 32.386047	W 103.733411
	836.90	0.57	49.18	836.87	-0.05	0.66	4.24	0.17	4.29	81.08	504695.06	726524.84	N 32.386048	W 103.733409
	946.00	0.47	65.39	945.97	0.35	1.21	5.05	0.16	5.20	76.58	504695.61	726525.65	N 32.386049	W 103.733407
	1039.00	0.49	20.47	1038.97	0.79	1.74	5.54	0.39	5.81	72.59	504696.14	726526.14	N 32.386051	W 103.733405
	1226.00	0.52	11.28	1225.96	2.28	3.32	5.99	0.05	6.84	61.00	504697.72	726526.59	N 32.386055	W 103.733404
	1318.00	0.39	337.74	1317.96	2.97	4.02	5.95	0.32	7.18	55.97	504698.42	726526.55	N 32.386057	W 103.733404
	1412.00	0.29	297.33	1411.96	3.43	4.42	5.62	0.27	7.15	51.78	504698.82	726526.22	N 32.386058	W 103.733405
	1505.00	0.34	342.28	1504.95	3.84	4.79	5.32	0.26	7.16	48.00	504699.19	726525.92	N 32.386059	W 103.733406
	1600.00	0.26	256.44	1599.95	4.11	5.01	5.03	0.43	7.10	45.09	504699.41	726525.63	N 32.386060	W 103.733407
	1694.00	0.11	294.00	1693.95	4.14	5.00	4.74	0.20	6.89	43.47	504699.40	726525.34	N 32.386060	W 103.733408
	1789.00	0.35	296.26	1788.95	4.36	5.16	4.39	0.25	6.78	40.40	504699.56	726524.99	N 32.386060	W 103.733409
	1978.00	0.51	172.65	1977.95	3.86	4.59	3.98	0.40	6.07	40.99	504698.98	726524.58	N 32.386059	W 103.733410
	2072.00	0.51	122.18	2071.95	3.16	3.95	4.39	0.46	5.91	48.05	504698.35	726524.99	N 32.386057	W 103.733409
	2263.00	0.30	123.04	2262.94	2.26	3.22	5.53	0.11	6.40	59.78	504697.62	726526.13	N 32.386055	W 103.733405
	2357.00	0.38	155.38	2356.94	1.79	2.80	5.87	0.22	6.50	64.45	504697.20	726526.47	N 32.386054	W 103.733404
	2452.00	0.35	97.00	2451.94	1.41	2.48	6.29	0.38	6.76	68.45	504696.88	726526.89	N 32.386053	W 103.733403
	2547.00	0.21	100.08	2546.94	1.26	2.42	6.75	0.15	7.17	70.29	504696.82	726527.35	N 32.386053	W 103.733401
	2642.00	0.23	96.88	2641.94	1.15	2.36	7.11	0.02	7.49	71.60	504696.76	726527.71	N 32.386053	W 103.733400
	2737.00	0.43	80.54	2736.93	1.10	2.40	7.65	0.23	8.02	72.58	504696.80	726528.25	N 32.386053	W 103.733398
	2927.00	0.25	68.24	2926.93	1.18	2.67	8.74	0.10	9.13	73.00	504697.07	726529.34	N 32.386053	W 103.733395
	3022.00	0.38	359.82	3021.93	1.54	3.06	8.93	0.39	9.44	71.07	504697.46	726529.53	N 32.386055	W 103.733394
	3117.00	0.48	11.98	3116.93	2.22	3.77	9.01	0.14	9.76	67.31	504698.17	726529.69	N 32.386056	W 103.733394
	3212.00	0.36	1.73	3211.92	2.88	4.45	9.10	0.15	10.13	63.92	504698.85	726529.70	N 32.386058	W 103.733393
	3307.00	0.19	296.31	3306.92	3.27	4.82	8.97	0.35	10.18	61.73	504699.22	726529.57	N 32.386059	W 103.733394
3401.00	0.20	55.84	3400.92	3.43	4.98	8.96	0.36	10.26	60.93	504699.38	726529.56	N 32.386060	W 103.733394	
3591.00	0.67	135.45	3590.92	2.65	4.38	10.02	0.35	10.93	66.39	504698.78	726530.62	N 32.386058	W 103.733390	
3686.00	1.15	141.49	3685.91	1.37	3.24	11.00	0.51	11.47	73.61	504697.64	726531.60	N 32.386055	W 103.733387	
3781.00	1.30	166.01	3780.89	-0.54	1.44	11.86	0.57	11.94	83.05	504695.84	726532.45	N 32.386050	W 103.733385	
3876.00	1.79	180.30	3875.85	-3.08	-1.08	12.11	0.65	12.16	95.12	504693.31	726532.71	N 32.386043	W 103.733384	
3971.00	2.17	187.61	3970.79	-6.26	-4.35	11.86	0.48	12.64	110.14	504690.05	726532.46	N 32.386034	W 103.733385	
4066.00	3.33	199.06	4065.68	-10.40	-8.74	10.72	1.35	13.83	129.19	504685.66	726531.32	N 32.386022	W 103.733388	
4161.00	4.29	212.77	4160.47	-15.45	-14.34	7.90	1.39	16.37	151.15	504680.06	726528.50	N 32.386007	W 103.733398	
4255.00	5.10	219.96	4254.16	-20.76	-20.50	3.31	1.06	20.76	170.82	504673.90	726523.91	N 32.385990	W 103.733413	
4350.00	6.17	231.07	4348.70	-26.01	-26.94	-3.37	1.60	27.15	187.13	504667.46	726517.23	N 32.385972	W 103.733434	
4445.00	7.02	235.63	4443.07	-30.95	-33.43	-12.13	1.05	35.56	199.95	504660.97	726508.47	N 32.385955	W 103.733463	
4536.00	8.53	240.83	4532.31	-40.60	-46.92	-34.14	0.83	58.03	216.04	504647.48	726496.46	N 32.385918	W 103.733534	
4730.00	8.52	241.48	4725.28	-45.21	-53.64	-46.34	0.10	70.89	220.82	504640.76	726474.26	N 32.385900	W 103.733574	
4825.00	7.82	237.93	4819.31	-49.97	-60.44	-58.00	0.91	83.77	223.82	504633.97	726462.60	N 32.385881	W 103.733612	
4921.00	7.74	240.63	4914.43	-54.66	-67.07	-69.17	0.39	96.35	225.88	504627.33	726451.43	N 32.385863	W 103.733648	
5015.00	7.93	234.70	5007.55	-59.63	-73.93	-79.98	0.88	108.91	227.25	504620.48	726440.62	N 32.385844	W 103.733683	
5110.00	8.39	238.26	5101.59	-65.09	-81.36	-91.22	0.72	122.23	228.27	504613.05	726429.38	N 32.385824	W 103.733720	
5208.00	7.98	238.24	5198.59	-70.36	-88.70	-103.09	0.42	136.00	229.29	504605.70	726417.52	N 32.385804	W 103.733759	
5395.00	6.74	238.35	5384.05	-79.40	-101.29	-123.47	0.66	159.70	230.64	504593.11	726397.14	N 32.385770	W 103.733825	
5429.00	6.67	238.12	5417.82	-80.90	-103.38	-126.84	0.22	163.64	230.82	504591.02	726393.76	N 32.385764	W 103.733836	
5488.00	6.80	235.15	5476.41	-83.69	-107.19	-132.62	0.63	170.52	231.05	504587.22	726387.99	N 32.385754	W 103.733855	
5582.00	6.64	235.91	5569.76	-88.33	-113.41	-141.69	0.19	181.49	231.29	504580.99	726379.92	N 32.385737	W 103.733894	
5677.00	7.54	243.25	5664.44	-151.80	-119.20	-151.80	1.34	193.07	231.84	504575.11	726368.81	N 32.385711	W 103.733917	
5772.00	8.00	251.50	5758.17	-95.32	-124.20	-163.64	1.27	205.43	232.80	504570.21	726356.97	N 32.385707	W 103.733955	
5867.00	8.31	258.91	5852.21	-96.53	-127.62	-176.64	1.15	217.92	234.15	504566.79	726343.97	N 32.385698	W 103.733998	
5962.00	8.31	261.81	5946.21	-96.55	-129.92	-190.18	0.44	230.31	235.66	504564.49	726330.44	N 32.385692	W 103.734041	
6057.00	8.32	261.19	6040.21	-96.30	-131.95	-203.76	0.09	242.75	237.07	504562.46	726316.85	N 32.385687	W 103.734085	
6114.00	8.36	256.73	6096.61	-96.52	-133.53	-211.87	1.14	250.44	237.78	504560.88	726308.74	N 32.385683	W 103.734112	
6209.00	12.10	240.32	6190.10	-100.39	-140.05	-227.25	4.95	266.94	238.36	504554.36	726293.36	N 32.385665	W 103.734162	
6304.00	16.20	235.10	6282.21	-109.50	-152.57	-246.78	4.52	290.13	238.27	504541.84	726273.83	N 32.385631	W 103.734225	
6399.00	19.21	233.66	6372.70	-122.22	-169.41	-270.24	3.20	318.96	237.92	504524.99	726250.37	N 32.385585	W 103.734301	
6494.00	20.90	234.50	6461.93	-136.67	-188.52	-296.63	1.80	351.47	237.56	504505.89	726232.99	N 32.385533	W 103.734387	
6589.00	22.53	234.66	6550.19	-152.01	-208.89	-325.21	1.72	386.57	237.29	504495.52	726195.34	N 32.385477	W 103.734460	
6684.00	23.69	234.54	6638.24	-168.57	-231.56	-355.55	1.42	423.81	237.03	504483.05	726165.48	N 32.385421	W 103.734539	
6779.00	25.70	234.03	6723.87	-186.13	-253.98	-387.65	2.12	463.45	236.77	504440.43	72			

	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 °)
Actual KOP	9437.00	14.32	238.69	9230.37	-605.54	-792.76	-1061.86	5.04	1325.15	233.26	503901.69	725458.79	N 32.383884	W 103.736877
	9532.00	11.94	232.94	9322.88	-614.43	-804.79	-1079.75	2.85	1346.67	233.30	503689.66	725440.91	N 32.383851	W 103.736935
	9627.00	11.08	237.29	9415.07	-622.56	-815.64	-1095.27	1.29	1365.61	233.33	503878.61	725425.39	N 32.383821	W 103.736966
	9687.00	12.80	236.53	9474.67	-627.52	-822.42	-1105.67	2.88	1378.00	233.36	503872.02	725414.99	N 32.383803	W 103.737019
	9772.00	12.79	235.87	9557.56	-635.25	-832.89	-1121.31	0.17	1396.80	233.40	503861.55	725399.35	N 32.383774	W 103.737070
	9867.00	10.98	235.16	9650.52	-643.49	-843.96	-1137.44	1.91	1416.35	233.43	503850.48	725383.22	N 32.383744	W 103.737123
	9897.00	11.16	254.13	9679.97	-645.03	-846.39	-1142.58	12.10	1421.92	233.47	503848.05	725378.08	N 32.383737	W 103.737139
	9961.00	14.84	285.10	9742.39	-642.29	-845.95	-1156.47	12.10	1432.85	233.81	503848.50	725364.19	N 32.383739	W 103.737184
	10055.00	20.89	302.60	9831.88	-625.99	-833.76	-1182.26	8.54	1446.68	234.81	503860.68	725338.41	N 32.383773	W 103.737268
	10097.00	20.84	304.63	9871.13	-615.76	-825.48	-1194.71	1.73	1452.16	235.36	503868.96	725325.95	N 32.383796	W 103.737308
2nd Bone Spring Intersection	10192.00	22.14	296.07	9959.54	-593.55	-808.01	-1224.70	3.57	1467.24	236.58	503886.43	725295.96	N 32.383844	W 103.737405
	10287.00	30.57	299.62	10044.60	-587.82	-788.16	-1261.86	9.02	1487.78	238.01	503906.28	725259.81	N 32.383899	W 103.737525
	10305.01	31.92	300.76	10060.00	-561.84	-783.46	-1269.93	8.16	1492.16	238.33	503910.98	725250.74	N 32.383912	W 103.737551
	10382.00	37.77	304.78	10123.16	-532.17	-759.58	-1306.82	8.16	1511.54	239.83	503934.86	725213.85	N 32.383979	W 103.737670
	10477.00	50.38	316.23	10191.39	-481.30	-716.32	-1356.31	15.66	1533.85	242.16	503978.11	725164.37	N 32.384098	W 103.737829
	10571.00	64.67	326.13	10241.82	-412.17	-654.48	-1405.37	17.58	1550.29	245.03	504039.96	725115.31	N 32.384269	W 103.737987
	10666.00	69.67	329.72	10278.67	-331.31	-580.30	-1451.79	6.31	1563.48	248.21	504114.13	725068.88	N 32.384474	W 103.738136
	10688.00	70.14	330.17	10286.23	-311.96	-562.42	-1462.14	2.87	1566.58	248.96	504132.01	725058.54	N 32.384523	W 103.738169
	10761.00	71.70	331.65	10310.10	-246.95	-502.13	-1495.68	2.87	1577.71	251.44	504192.30	725025.00	N 32.384689	W 103.738277
	10855.00	74.35	333.53	10337.54	-161.38	-422.33	-1537.05	3.41	1594.01	254.64	504272.10	724983.63	N 32.384909	W 103.738409
FTP / 100ft FSL Cross	10924.00	79.73	345.15	10353.06	-95.53	-359.52	-1560.65	18.16	1601.53	257.03	504334.90	724960.03	N 32.385082	W 103.738485
	10949.00	81.79	349.25	10357.08	-70.90	-335.47	-1566.11	18.16	1601.64	257.91	504358.95	724954.57	N 32.385148	W 103.738502
	11044.00	86.41	359.34	10366.86	23.23	-241.58	-1575.46	11.63	1593.87	261.28	504452.83	724945.23	N 32.385406	W 103.738531
	11139.00	87.64	358.10	10371.79	117.11	-146.74	-1577.58	1.84	1584.39	264.69	504547.67	724943.11	N 32.385667	W 103.738536
	11194.00	89.10	356.94	10373.36	171.67	-1579.96	-1582.62	3.39	1582.62	266.67	504602.59	724940.73	N 32.385818	W 103.738542
	11288.00	90.98	355.51	10373.29	265.18	1.97	-1586.15	2.51	1586.15	270.07	504696.37	724934.54	N 32.386076	W 103.738561
	11383.00	90.47	355.46	10372.09	359.81	96.67	-1593.62	0.54	1596.55	273.47	504791.06	724927.06	N 32.386336	W 103.738583
	11476.00	89.68	355.30	10371.97	452.46	189.37	-1601.11	0.87	1612.27	276.75	504883.76	724919.57	N 32.386591	W 103.738606
	11569.00	89.73	355.63	10372.45	545.10	282.07	-1608.47	0.36	1633.01	279.95	504976.46	724912.22	N 32.386846	W 103.738628
	11662.00	89.94	356.50	10372.72	637.66	374.85	-1614.85	0.96	1657.79	283.07	505069.23	724905.84	N 32.387101	W 103.738647
Enter Lateral Window	11756.00	90.21	358.90	10372.59	730.90	468.77	-1618.62	2.57	1685.14	286.15	505163.15	724902.07	N 32.387360	W 103.738658
	11850.00	90.26	0.53	10372.21	823.67	562.77	-1619.09	1.73	1714.10	289.17	505257.14	724901.87	N 32.387618	W 103.738657
	11943.00	89.75	0.67	10372.20	915.21	655.72	-1618.12	0.57	1745.94	292.06	505350.13	724902.57	N 32.387873	W 103.738653
	12037.00	88.78	357.46	10373.41	1008.13	749.73	-1619.65	3.57	1784.76	294.84	505444.09	724901.04	N 32.388132	W 103.738656
	12129.00	90.95	358.58	10373.62	1099.32	841.67	-1622.83	2.65	1828.10	297.41	505536.02	724897.86	N 32.388385	W 103.738665
	12223.00	88.57	354.83	10374.02	1192.73	935.49	-1628.23	4.72	1877.83	299.88	505629.84	724892.46	N 32.388642	W 103.738680
	12315.00	88.59	356.00	10376.30	1284.36	1027.16	-1635.58	1.27	1931.37	302.13	505721.51	724885.11	N 32.388895	W 103.738703
	12410.00	89.07	356.94	10378.24	1378.81	1121.96	-1641.43	1.11	1988.24	304.35	505816.30	724879.26	N 32.389155	W 103.738720
	12505.00	88.85	358.01	10379.96	1473.08	1216.85	-1645.61	1.15	2046.65	306.48	505911.19	724875.08	N 32.389416	W 103.738732
	12600.00	88.84	2.22	10381.88	1566.69	1311.81	-1645.42	4.43	2104.34	308.56	506006.14	724875.27	N 32.389677	W 103.738729
Section 13-12 Line Cross	12695.00	88.56	2.49	10384.03	1659.62	1406.71	-1641.52	0.41	2161.81	310.60	506101.03	724879.17	N 32.389938	W 103.738715
	12790.00	88.64	2.18	10386.35	1752.56	1501.60	-1637.65	0.34	2221.87	312.37	506195.92	724883.04	N 32.390199	W 103.738745
	12880.00	88.59	1.84	10390.95	1838.65	1691.43	-1630.89	0.18	2349.69	316.04	506385.73	724889.70	N 32.390720	W 103.738766
	13075.00	88.60	2.54	10393.27	2031.63	1786.33	-1627.36	0.74	2416.46	317.67	506480.63	724893.33	N 32.390981	W 103.738662
	13169.00	89.39	2.87	10394.92	2123.47	1880.21	-1622.92	0.91	2483.76	319.20	506574.51	724897.76	N 32.391239	W 103.738646
	13264.00	90.35	2.62	10395.14	2216.29	1975.10	-1618.37	1.04	2553.46	320.67	506669.39	724902.31	N 32.391500	W 103.738630
	13359.00	90.58	359.45	10394.37	2309.66	2070.07	-1616.66	3.35	2626.55	322.01	506764.35	724904.03	N 32.391761	W 103.738622
	13454.00	89.60	0.50	10394.22	2403.35	2165.06	-1616.70	1.51	2702.08	323.25	506859.35	724903.99	N 32.392022	W 103.738621
	13549.00	89.93	0.39	10394.61	2496.90	2260.06	-1615.96	0.37	2778.34	324.43	506954.34	724904.73	N 32.392283	W 103.738617
	13644.00	90.09	357.95	10394.59	2590.80	2355.04	-1617.34	2.57	2856.92	325.52	507049.31	724903.35	N 32.392544	W 103.738620
Section 13-12 Line Cross	13738.00	90.39	0.95	10394.20	2683.63	2449.03	-1618.24	3.21	2935.37	326.54	507143.29	724902.45	N 32.392802	W 103.738621
	13833.00	90.56	1.08	10393.41	2777.01	2544.01	-1616.56	0.23	3014.17	327.57	507238.27	724904.13	N 32.393063	W 103.738614
	13928.00	91.79	4.18	10391.46	2869.84	2638.87	-1612.20	3.51	3092.38	328.58	507333.13	724908.49	N 32.393324	W 103.738598
	14023.00	91.83	0.67	10388.46	2962.18	2733.60	-1605.70	0.54	3170.31	329.57	507427.86	724914.99	N 32.393584	W 103.738575
	14118.00	91.58	2.71	10385.63	3054.80	2828.41	-1600.42	1.04	3249.81	330.50	507522.66	724920.27	N 32.393845	W 103.738556
	14212.00	89.76	359.83	10384.53	3147.10	2922.37	-1598.33	3.62	3330.90	332.32	507616.61	724922.35	N 32.394103	W 103.738548
	14307.00	89.10	1.92	103850										

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 °)
	20574.00	90.16	0.04	10383.69	9424.25	9278.88	-1651.25	1.36	9424.66	349.91	513972.78	724869.44	N 32.411575	W 103.738605
	20669.00	90.45	359.23	10383.18	9518.03	9373.88	-1651.86	0.91	9518.31	350.01	514067.77	724868.83	N 32.411836	W 103.738605
	20764.00	89.87	359.56	10382.91	9611.87	9468.87	-1652.86	0.70	9612.05	350.10	514162.76	724867.83	N 32.412097	W 103.738606
	20859.00	90.09	359.90	10382.95	9705.62	9563.87	-1653.31	0.43	9705.72	350.19	514257.75	724867.38	N 32.412358	W 103.738606
	20954.00	90.38	359.89	10382.56	9799.33	9658.87	-1653.48	0.31	9799.37	350.29	514352.75	724867.21	N 32.412619	W 103.738605
	21048.00	86.45	358.71	10385.16	9892.16	9752.80	-1654.63	4.37	9892.17	350.37	514446.68	724866.06	N 32.412878	W 103.738607
Final Survey	21102.00	89.85	359.92	10386.90	9945.48	9806.76	-1655.27	6.68	9945.48	350.42	514500.64	724865.42	N 32.413026	W 103.738608
LTP / 100ft FNL Cross	21104.00	89.85	359.92	10386.91	9947.45	9808.76	-1655.27	0.00	9947.45	350.42	514502.64	724865.41	N 32.413031	W 103.738608
Projection to Total Depth	21154.00	89.85	359.92	10387.04	9996.77	9858.76	-1655.34	0.00	9996.77	350.47	514552.63	724865.34	N 32.413169	W 103.738607

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 3 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	25.000	1/98.425	26.400	26.400	GVD_GC+DROP+OH-Depth Only	Top Spot 12_13 Federal Com 21H / Oxy Top Spot 12_13 Federal Com 21H Gyro+Corrected MWD to
	1	25.000	25.000	Act Stns	26.400	26.400	GVD_GC+DROP+OH-Depth Only	Top Spot 12_13 Federal Com 21H / Oxy Top Spot 12_13 Federal Com 21H Gyro+Corrected MWD to
	1	25.000	836.900	Act Stns	26.400	26.400	GVD_GC+DROP+OH	Top Spot 12_13 Federal Com 21H / Oxy Top Spot 12_13 Federal Com Top Spot 12_13 Federal Com 21H /
	1	836.900	4445.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Oxy Top Spot 12_13 Federal Com 21H Gyro+Corrected MWD to
	1	4445.000	6057.000	Act Stns	26.400	26.400	A009Mb_MWD+IFR1+SAG	Top Spot 12_13 Federal Com 21H / Oxy Top Spot 12_13 Federal Com Top Spot 12_13 Federal Com 21H /
	1	6057.000	9687.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Oxy Top Spot 12_13 Federal Com 21H Gyro+Corrected MWD to
	1	9687.000	10055.000	Act Stns	26.400	26.400	A009Mb_MWD+IFR1+SAG	Top Spot 12_13 Federal Com 21H / Oxy Top Spot 12_13 Federal Com Top Spot 12_13 Federal Com 21H /
	1	10055.000	21154.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Oxy Top Spot 12_13 Federal Com 21H Gyro+Corrected MWD to



Vertical Section (ft) Azim = 350.45° Scale = 1:2300.00(ft) Origin = 0N/-S, 0E/-W

Intent ☐ As Drilled ☒

API # 30-015-47771		
Operator Name: Oxy USA Inc.	Property Name: Top Spot 12-13 Federal Com	Well Number 21H

Kick Off Point (KOP)

UL D	Section 24	Township 22S	Range 31E	Lot	Feet 185	From N/S North	Feet 905	From E/W West	County Eddy
Latitude 32.38373735					Longitude -103.73713956			NAD Nad83	

First Take Point (FTP)

UL M	Section 13	Township 22S	Range 31E	Lot	Feet 187	From N/S South	Feet 540	From E/W West	County Eddy
Latitude 32.38475848					Longitude -103.73832017			NAD Nad83	

Last Take Point (LTP)

UL D	Section 12	Township 22S	Range 31E	Lot	Feet 270	From N/S North	Feet 450	From E/W West	County Eddy
Latitude 32.41256307					Longitude -103.73860551			NAD Nad83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ YesIs this well an infill well? ☐ No

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

Well Name: TOP SPOT 12_13 FED COM	Well Location: T22S / R31E / SEC 13 / SESW / 32.386046 / -103.733423	County or Parish/State: EDDY / NM
Well Number: 21H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM29233	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547771	Well Status: Producing Oil Well	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2739789

Type of Submission: Subsequent Report

Date Sundry Submitted: 07/07/2023

Date Operation Actually Began: 07/07/2023

Type of Action: Hydraulic Fracturing

Time Sundry Submitted: 09:36

Actual Procedure: RUPU 4/7/23, RIH & clean out to PBTD @ 21064' , pressure test csg to 9500# for 30 min, good test. RIH & perf @ 10791' – 20933' Total 1230 holes. Frac in 41 stages 25,374,066 #'s 100 Mesh Proppant and 328,580 bbls clean frac fluid, RD Frac Crew 4/27/2023. Rig Down Coil Tubing Clean Out Crew and Well ready to produce 5/16/2023. 7/2/2023 - RIH with 2 3/8" tubing to 10388', Gas Lift install complete.

Received by OCD: 12/13/2023 8:06:49 AM

Page 9 of 14

Well Name: TOP SPOT 12_13 FED COM	Well Location: T22S / R31E / SEC 13 / SESW / 32.386046 / -103.733423	County or Parish/State: EDDY / NM
Well Number: 21H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM29233	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547771	Well Status: Producing Oil 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: SARAH MCKINNEY	Signed on: JUL 07, 2023 09:35 AM
Name: OXY USA INCORPORATED	
Title: Regulatory Analyst Sr	
Street Address: 5 GREENWAY PLAZA SUITE 110	
City: HOUSTON	State: TX
Phone: (713) 215-7295	
Email address: SARAH_MCKINNEY@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: 07/11/2023
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. 30-015-47771		
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 Top Spot 12-13 Federal Com		
								6. Well Number: 21H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator OXY USA INC.						9. OGRID 16696				
10. Address of Operator PO Box 50250, MIDLAND, TX 79710						11. Pool name or Wildcat Bilbrey Basin, Bone Spring				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	13	22S	31E		655	South	2052	West	Eddy
BH:	D	12	22S	31E		49	North	449	West	Eddy
13. Date Spudded 10/31/2023	14. Date T.D. Reached 03/19/2023		15. Date Rig Released 03/19/2023		16. Date Completed (Ready to Produce) 05/16/2023			17. Elevations (DF and RKB, RT, GR, etc.) 3568'		
18. Total Measured Depth of Well 21154' MD, 10388' TVD			19. Plug Back Measured Depth 21064' MD, 10386' TVD		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run CBL, Gamma		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10,791' - 20,933' Bone Spring										
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# J-55		888'		17 1/2"		1090sx - TOC 0'		
9 5/8"		40# HCL80		4564'		12 1/4"		1314sx- TOC 0'		
7 5/8"		26.4# HCL80		9745'		8 3/4"		596sx - TOC 3064'		
5 1/2"		20# P110		21090'		6 3/4"		804sx - TOC 7757'		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
						2 3/8"	10388'			
26. Perforation record (interval, size, and number) 10,791' - 20,933' , 0.42", 1230 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10,791' - 20,933'		25,374,066 #'s 100 Mesh, 328,580 bbls		
								clean frac fluid		
28. PRODUCTION										
Date First Production 05/21/2023		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Flowing				Well Status (<i>Prod. or Shut-in</i>) Producing				
Date of Test 05/25/2023	Hours Tested 24 hours	Choke Size 0	Prod'n For Test Period	Oil - Bbl 3587	Gas - MCF 1676	Water - Bbl. 6972	Gas - Oil Ratio 467			
Flow Tubing Press.	Casing Pressure 66	Calculated 24-Hour Rate	Oil - Bbl. 3587	Gas - MCF 1676	Water - Bbl. 6972	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold								30. Test Witnessed By		
31. List Attachments C103, C104c, C102, WBD, Directional Survey, CBL										
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 		Printed Name Sarah McKinney		Title Regulatory Analyst Sr.			Date 12/13/2023			
E-mail Address sarah_mckinney@oxy.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. Rustler 831'	T. Bell Canyon	T. Ojo Alamo	T. Penn A"
T. Salado 1152'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 2895'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 4577'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 5335'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 6587'	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 8379'	T. Todilto	
T. Abo	T. 1 st Bone Springs 9444'	T. Entrada	
T. Wolfcamp	T. 2 nd Bone Springs 10101'	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.....

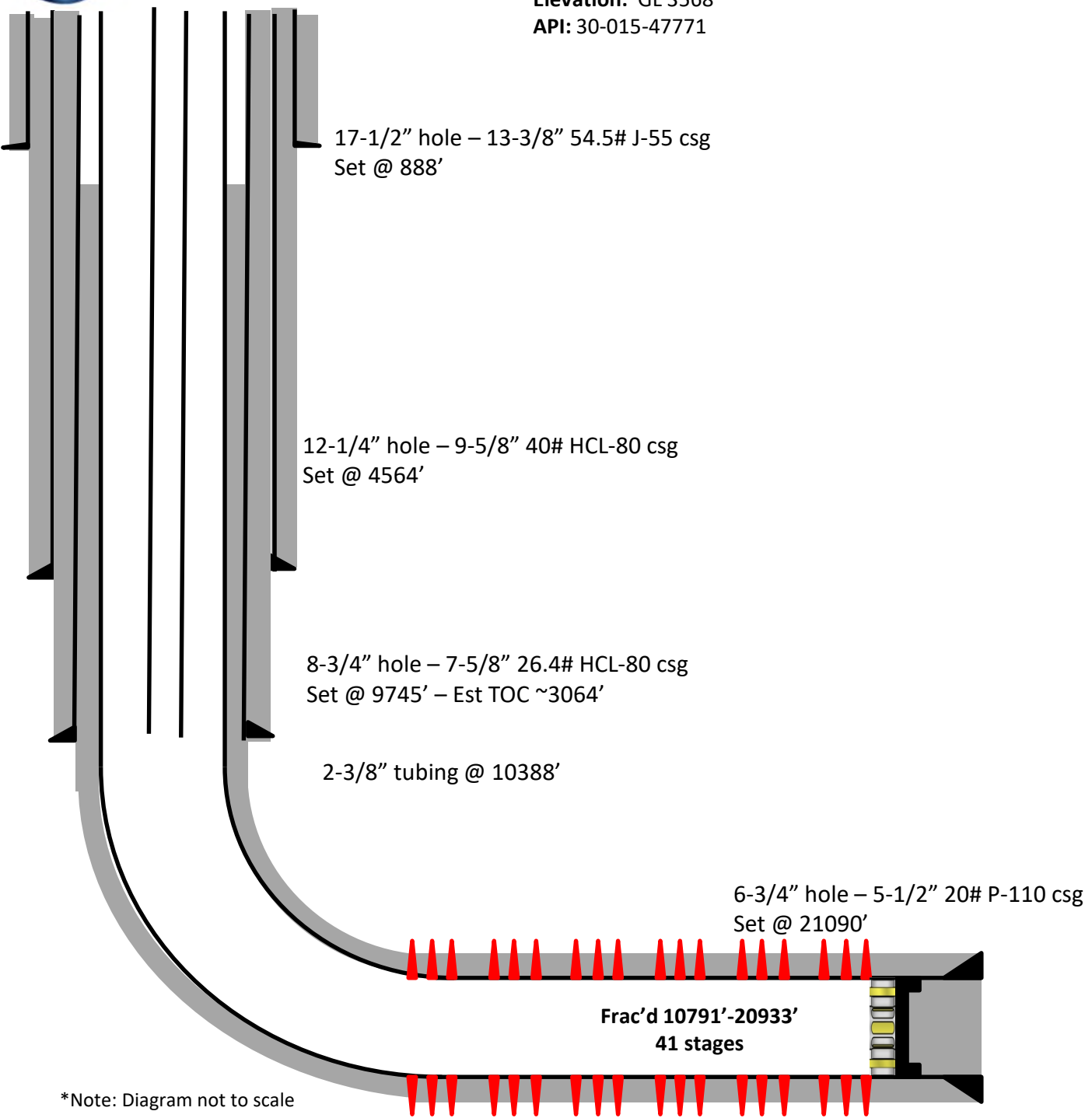
Include data on rate of water inflow and elevation to which water rose in hole.

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

From	To	Thickness In Feet	Lithology



Elevation: GL 3568'
API: 30-015-47771



*Note: Diagram not to scale

PBTD – 21064' MD
TD – 21154' MD/10388' TVD

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 293951

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 293951
	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
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District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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CONDITIONS

Action 293951

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 293951
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	File 3160-4 within 10 days of BLM Approval.	1/30/2024