

District I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

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: RT - 01/06/2023
⁴ API Number 30 - 015-46780	⁵ Pool Name PURPLE SAGE WOLFCAMP *NSL-7962	⁶ Pool Code 98220
⁷ Property Code: 327181	⁸ Property Name: DEPTH CC 6-7 FEDERAL COM	⁹ Well Number: 42H

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
3	6	24S	29E		170	NORTH	1320	WEST	EDDY

¹¹ Bottom Hole Location

FTP- 262' FNL 1556' FWL LTP- 447' FSL 1591' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	7	24S	29E		275	SOUTH	1593	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: TBD	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
214754	LPC CRUDE OIL, INC.	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 09/09/22	²² Ready Date 01/06/2023	²³ TD 20673'M 10596'V	²⁴ PBTD 20630'M 10595'V	²⁵ Perforations 10524-20500'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	460'	545		
12-1/4"	9-5/8"	10000'	2912		
8-1/2"	7" X 5-1/2"	20653'	3367		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method

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: 01/06/2023 Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by: Sarah McGrath

Title: Petroleum Specialist - A

Approval Date: 02/03/2023

RT Expires 04/06/2023

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: (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

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

☒ AMENDED REPORT

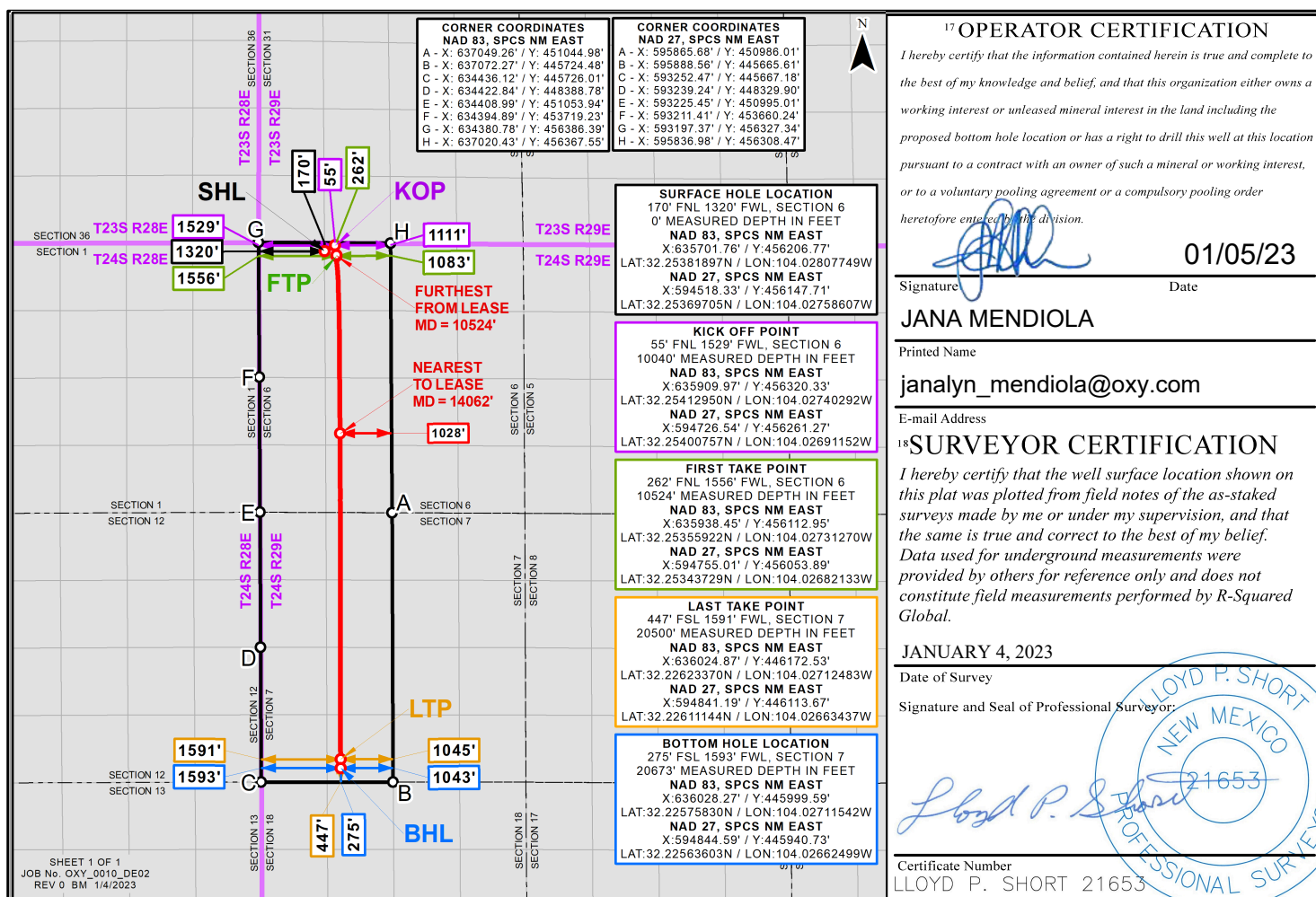
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46780	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 327181	Property Name DEPTH CC 6_7 FEDERAL COM	
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁶ Well Number 42H
		⁹ Elevation 2959'

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
L 3	6	24S	29E		170	NORTH	1320	WEST	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
N	7	24S	29E		275	SOUTH	1593	WEST	EDDY
¹² Dedicated Acres 637.33	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-7962						

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: 0.9997778 Convergence Angle: 00°08'28.5600"



Oxy USA Inc.

Location: Eddy County, NM
Field: Purple Sage Wolfcamp (Gas)
Facility: Dimensions WCL 31 Pad

Slot: Depth CC 6-7 Federal Com 42H
Well: Depth CC 6-7 Federal Com 42H
Wellbore: Depth CC 6-7 Federal Com 42H AWB

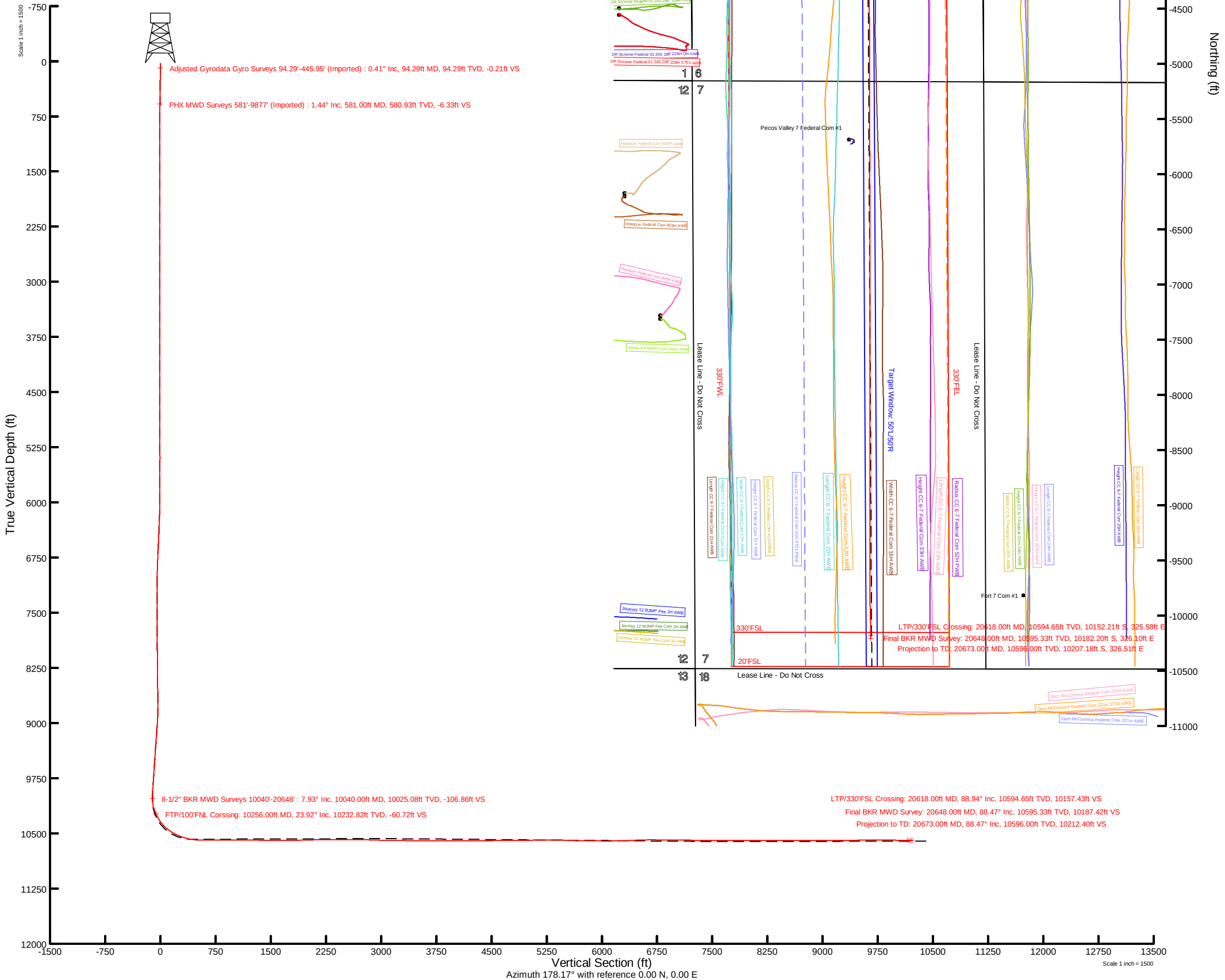
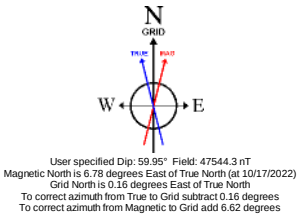


Plot reference wellpath is Depth CC 6-7 Federal Com 42H_ awp 94.29'-20648' Proj: 20673	Grid System: NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet
True vertical depths are referenced to H&P 479 (KB)	North Reference: Grid north
Reference wellpath measured depths are referenced to H&P 479 (KB)	Scale: True distance
H&P 479 (KB) to Mean Sea Level: 2983.9 feet	Coordinates are in feet referenced to Slot
Mean Sea Level to Ground level (At Slot: Depth CC 6-7 Federal Com 42H): -2958.9 feet	Depths are in feet
Offset wellpath MDs are referenced to each path's default MD datum	Created by: moyagusa on 2022-11-09; Database: WA_HOU_Midland_Defn

Location Information				
Facility Name		Grid East (US ft)	Grid North (US ft)	Latitude
Dimensions WCL 31 Pad		634983.440	456179.140	32°15'13.4950"N
Slot		Local N (ft)	Local E (ft)	Longitude
Depth CC 6-7 Federal Com 42H		27.63	718.38	104°01'49.4450"W
H&P 479 (KB) to Ground level (At Slot: Depth CC 6-7 Federal Com 42H)		635701.760	456206.770	32°15'13.7483"N
Mean Sea Level to Ground level (At Slot: Depth CC 6-7 Federal Com 42H)				104°01'41.0789"W
H&P 479 (KB) to Mean Sea Level				258
				-2958.9ft
				2983.9ft

Well Profile Data								
Design Comment	MD (ft)	Inc (")	Az (")	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	9877.00	8.430	62.440	9863.71	106.22	186.50	0.57	-100.21
PTB	10010.00	8.400	62.400	9995.28	115.23	203.75	0.02	-108.67
Start Build/Turn	10027.43	8.400	62.400	10012.52	116.41	206.01	0.00	-109.77
End Build/Cont. Turn - Landing	10906.55	90.210	179.820	10579.13	-419.56	282.24	10.70	428.36
End Turn	10912.52	90.210	179.701	10579.11	-425.53	282.26	2.00	434.33
Start Drop	13479.13	90.210	179.701	10569.70	-2992.09	295.67	0.00	3000.00
End Drop	13515.20	89.489	179.701	10569.80	-3028.16	295.86	2.00	3036.06
Start Build	17980.91	89.489	179.701	10609.66	-7493.63	319.19	0.00	7500.00
End Build	18011.10	90.092	179.701	10609.77	-7523.82	319.35	2.00	7530.18
PBHL (20FSL & 1600FWL)	20949.86	90.092	179.701	10605.03	-10462.54	334.69	0.00	10467.89

Bottom Hole Location							
MD (ft)	Inc (")	Az (")	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)
20673.00	88.470	179.050	10596.00	-10207.18	326.51	636028.25	446000.43
							32°13'32.7382"N
							104°01'37.6158"W





Actual Wellpath Report

Depth CC 6-7 Federal Com 42H_awp 94.29'-20648' Proj: 20673'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA Inc.	Well	Depth CC 6-7 Federal Com 42H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46780-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 42H AWB
Slot	Depth CC 6-7 Federal Com 42H		

REPORT SETUP INFORMATION

Projection System	NAD83 / TM New Mexico SP, Eastern Zone (3001), US feet	Software System	WellArchitect® 6.0
North Reference	Grid	User	Moyagusa
Scale	0.999919	Report Generated	11/9/2022 at 7:27:42 AM
Convergence at slot	0.16° East	Database	WA_HOU_Midland_Defn

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	27.63	718.38	635701.76	456206.77	32°15'13.7483"N	104°01'41.0789"W
Facility Reference Pt			634983.44	456179.14	32°15'13.4950"N	104°01'49.4450"W
Field Reference Pt			533303.25	1273342.63	34°30'0.0000"N	104°21'36.0000"W

WELLPATH DATUM

Calculation method	Minimum curvature	H&P 479 (KB) to Facility Vertical Datum	2983.90ft
Horizontal Reference Pt	Slot	H&P 479 (KB) to Mean Sea Level	2983.90ft
Vertical Reference Pt	H&P 479 (KB)	H&P 479 (KB) to Ground Level at Slot (Depth CC 6-7 Federal Com 42H)	25.00ft
MD Reference Pt	H&P 479 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	178.17°



Actual Wellpath Report

Depth CC 6-7 Federal Com 42H_ awp 94.29'-20648' Proj: 20673'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA Inc.	Well	Depth CC 6-7 Federal Com 42H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46780-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 42H AWB
Slot	Depth CC 6-7 Federal Com 42H		

WELLPATH DATA (209 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
0.00†	0.000	325.500	0.00	0.00	0.00	0.00	635701.76	456206.77	32°15'13.7483"N	104°01'41.0789"W	0.00	0.00	0.00	
25.00	0.000	325.500	25.00	0.00	0.00	0.00	635701.76	456206.77	32°15'13.7483"N	104°01'41.0789"W	0.00	0.00	0.00	
94.29	0.410	325.500	94.29	-0.21	0.20	-0.14	635701.62	456206.97	32°15'13.7503"N	104°01'41.0806"W	0.59	0.59	0.00	Adjusted Gyrodata Gyro Surveys 94.29'-445.95' (Imp
176.39	0.740	316.060	176.39	-0.85	0.83	-0.67	635701.09	456207.60	32°15'13.7565"N	104°01'41.0868"W	0.42	0.40	-11.50	
264.42	1.070	321.000	264.40	-1.93	1.88	-1.59	635700.17	456208.65	32°15'13.7669"N	104°01'41.0974"W	0.38	0.37	5.61	
358.77	0.930	312.680	358.74	-3.16	3.08	-2.70	635699.06	456209.85	32°15'13.7788"N	104°01'41.1103"W	0.21	-0.15	-8.82	
445.95	1.040	310.800	445.91	-4.20	4.08	-3.82	635697.94	456210.85	32°15'13.7887"N	104°01'41.1233"W	0.13	0.13	-2.16	
581.00	1.440	318.550	580.93	-6.33	6.15	-5.87	635695.89	456212.92	32°15'13.8093"N	104°01'41.1471"W	0.32	0.30	5.74	PHX MWD Surveys 581'-9877' (Imported)
670.00	0.520	316.490	669.91	-7.50	7.28	-6.89	635694.87	456214.05	32°15'13.8205"N	104°01'41.1590"W	1.03	-1.03	-2.31	
759.00	0.120	158.930	758.91	-7.71	7.49	-7.14	635694.62	456214.26	32°15'13.8226"N	104°01'41.1618"W	0.71	-0.45	-177.03	
848.00	0.040	23.780	847.91	-7.65	7.43	-7.09	635694.67	456214.20	32°15'13.8220"N	104°01'41.1613"W	0.17	-0.09	-151.85	
936.00	0.070	116.050	935.91	-7.65	7.43	-7.03	635694.73	456214.20	32°15'13.8220"N	104°01'41.1606"W	0.09	0.03	104.85	
1025.00	0.070	302.910	1024.91	-7.66	7.44	-7.03	635694.73	456214.21	32°15'13.8221"N	104°01'41.1605"W	0.16	0.00	-194.54	
1119.00	0.080	9.230	1118.91	-7.76	7.53	-7.06	635694.70	456214.30	32°15'13.8230"N	104°01'41.1610"W	0.09	0.01	70.55	
1213.00	0.060	149.510	1212.91	-7.78	7.56	-7.03	635694.73	456214.33	32°15'13.8232"N	104°01'41.1605"W	0.14	-0.02	149.23	
1307.00	0.080	282.380	1306.91	-7.75	7.53	-7.07	635694.69	456214.30	32°15'13.8230"N	104°01'41.1610"W	0.14	0.02	141.35	
1401.00	0.070	143.020	1400.91	-7.72	7.50	-7.10	635694.66	456214.27	32°15'13.8227"N	104°01'41.1613"W	0.15	-0.01	-148.26	
1496.00	0.070	88.720	1495.91	-7.67	7.45	-7.00	635694.76	456214.22	32°15'13.8222"N	104°01'41.1603"W	0.07	0.00	-57.16	
1590.00	0.090	306.030	1589.91	-7.72	7.50	-7.01	635694.75	456214.27	32°15'13.8227"N	104°01'41.1603"W	0.16	0.02	-151.80	
1685.00	0.070	65.320	1684.91	-7.78	7.56	-7.01	635694.75	456214.33	32°15'13.8233"N	104°01'41.1604"W	0.15	-0.02	125.57	
1780.00	0.030	68.450	1779.91	-7.81	7.60	-6.94	635694.82	456214.37	32°15'13.8237"N	104°01'41.1595"W	0.04	-0.04	3.29	
1873.00	0.040	9.590	1872.91	-7.86	7.64	-6.91	635694.85	456214.41	32°15'13.8241"N	104°01'41.1592"W	0.04	0.01	-63.29	
1967.00	0.040	19.330	1966.91	-7.92	7.70	-6.89	635694.87	456214.47	32°15'13.8247"N	104°01'41.1590"W	0.01	0.00	10.36	
2061.00	0.100	249.240	2060.91	-7.92	7.70	-6.96	635694.80	456214.47	32°15'13.8247"N	104°01'41.1597"W	0.14	0.06	-138.39	
2250.00	0.090	90.820	2249.91	-7.86	7.64	-6.97	635694.79	456214.41	32°15'13.8241"N	104°01'41.1598"W	0.10	-0.01	-83.82	
2345.00	0.060	194.830	2344.91	-7.81	7.59	-6.90	635694.86	456214.36	32°15'13.8236"N	104°01'41.1591"W	0.13	-0.03	109.48	
2439.00	0.110	132.040	2438.91	-7.70	7.49	-6.85	635694.91	456214.26	32°15'13.8225"N	104°01'41.1585"W	0.10	0.05	-66.80	
2534.00	0.040	223.540	2533.91	-7.61	7.40	-6.80	635694.96	456214.17	32°15'13.8217"N	104°01'41.1579"W	0.12	-0.07	96.32	
2628.00	0.040	322.980	2627.91	-7.62	7.40	-6.85	635694.91	456214.17	32°15'13.8217"N	104°01'41.1584"W	0.06	0.00	105.79	
2722.00	0.070	187.210	2721.91	-7.59	7.37	-6.87	635694.89	456214.14	32°15'13.8214"N	104°01'41.1587"W	0.11	0.03	-144.44	



Actual Wellpath Report

Depth CC 6-7 Federal Com 42H_ awp 94.29'-20648' Proj: 20673'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA Inc.	Well	Depth CC 6-7 Federal Com 42H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46780-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 42H AWB
Slot	Depth CC 6-7 Federal Com 42H		

WELLPATH DATA (209 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
2815.00	0.080	29.180	2814.91	-7.59	7.37	-6.85	635694.91	456214.14	32°15'13.8214"N	104°01'41.1585"W	0.16	0.01	-169.92	
2910.00	0.060	256.640	2909.91	-7.63	7.42	-6.87	635694.89	456214.19	32°15'13.8219"N	104°01'41.1586"W	0.14	-0.02	-139.52	
3097.00	0.030	276.350	3096.91	-7.62	7.40	-7.01	635694.75	456214.17	32°15'13.8217"N	104°01'41.1603"W	0.02	-0.02	10.54	
3191.00	0.050	58.850	3190.91	-7.65	7.43	-7.00	635694.76	456214.20	32°15'13.8220"N	104°01'41.1602"W	0.08	0.02	151.60	
3285.00	0.050	17.520	3284.91	-7.70	7.49	-6.95	635694.81	456214.26	32°15'13.8226"N	104°01'41.1596"W	0.04	0.00	-43.97	
3380.00	0.080	164.860	3379.91	-7.68	7.46	-6.92	635694.84	456214.23	32°15'13.8223"N	104°01'41.1593"W	0.13	0.03	155.09	
3475.00	0.060	106.750	3474.91	-7.60	7.38	-6.86	635694.90	456214.15	32°15'13.8215"N	104°01'41.1585"W	0.07	-0.02	-61.17	
3663.00	0.060	169.660	3662.91	-7.47	7.26	-6.74	635695.02	456214.03	32°15'13.8203"N	104°01'41.1572"W	0.03	0.00	33.46	
3758.00	0.080	334.200	3757.91	-7.48	7.27	-6.76	635695.00	456214.04	32°15'13.8204"N	104°01'41.1575"W	0.15	0.02	173.20	
3851.00	0.070	116.910	3850.91	-7.51	7.30	-6.74	635695.02	456214.07	32°15'13.8207"N	104°01'41.1572"W	0.15	-0.01	153.45	
3945.00	0.090	337.050	3944.91	-7.55	7.34	-6.72	635695.04	456214.11	32°15'13.8211"N	104°01'41.1570"W	0.16	0.02	-148.79	
4040.00	0.030	332.740	4039.91	-7.65	7.43	-6.76	635695.00	456214.20	32°15'13.8220"N	104°01'41.1574"W	0.06	-0.06	-4.54	
4134.00	0.150	145.970	4133.91	-7.56	7.35	-6.70	635695.06	456214.12	32°15'13.8212"N	104°01'41.1568"W	0.19	0.13	184.29	
4229.00	0.060	14.070	4228.91	-7.51	7.30	-6.62	635695.14	456214.07	32°15'13.8207"N	104°01'41.1558"W	0.21	-0.09	-138.84	
4322.00	0.040	335.030	4321.91	-7.58	7.38	-6.62	635695.14	456214.15	32°15'13.8215"N	104°01'41.1558"W	0.04	-0.02	-41.98	
4417.00	0.090	143.020	4416.91	-7.55	7.35	-6.59	635695.17	456214.12	32°15'13.8212"N	104°01'41.1555"W	0.14	0.05	176.83	
4510.00	0.050	97.100	4509.91	-7.49	7.28	-6.51	635695.25	456214.05	32°15'13.8205"N	104°01'41.1545"W	0.07	-0.04	-49.38	
4605.00	0.120	185.080	4604.91	-7.38	7.18	-6.48	635695.28	456213.95	32°15'13.8195"N	104°01'41.1541"W	0.14	0.07	92.61	
4699.00	0.070	240.870	4698.91	-7.26	7.05	-6.53	635695.23	456213.82	32°15'13.8183"N	104°01'41.1548"W	0.11	-0.05	59.35	
4793.00	0.150	174.990	4792.91	-7.11	6.90	-6.57	635695.19	456213.67	32°15'13.8168"N	104°01'41.1553"W	0.15	0.09	-70.09	
4888.00	0.100	75.760	4887.91	-7.00	6.80	-6.48	635695.28	456213.57	32°15'13.8157"N	104°01'41.1542"W	0.20	-0.05	-104.45	
4981.00	0.050	87.790	4980.91	-7.02	6.82	-6.36	635695.40	456213.59	32°15'13.8159"N	104°01'41.1528"W	0.06	-0.05	12.94	
5075.00	0.100	218.360	5074.91	-6.96	6.76	-6.37	635695.39	456213.53	32°15'13.8153"N	104°01'41.1529"W	0.15	0.05	138.90	
5167.00	0.050	292.480	5166.91	-6.91	6.71	-6.46	635695.30	456213.48	32°15'13.8149"N	104°01'41.1540"W	0.11	-0.05	80.57	
5262.00	0.010	245.730	5261.91	-6.93	6.72	-6.51	635695.25	456213.49	32°15'13.8150"N	104°01'41.1545"W	0.05	-0.04	-49.21	
5355.00	0.080	179.620	5354.91	-6.86	6.65	-6.51	635695.25	456213.42	32°15'13.8143"N	104°01'41.1546"W	0.08	0.08	-71.09	
5450.00	0.090	17.130	5449.91	-6.86	6.66	-6.49	635695.27	456213.43	32°15'13.8144"N	104°01'41.1543"W	0.18	0.01	-171.04	
5544.00	0.100	33.070	5543.91	-7.00	6.80	-6.42	635695.34	456213.57	32°15'13.8157"N	104°01'41.1535"W	0.03	0.01	16.96	
5638.00	0.040	78.340	5637.91	-7.07	6.87	-6.35	635695.41	456213.64	32°15'13.8165"N	104°01'41.1526"W	0.08	-0.06	48.16	
5732.00	0.080	311.880	5731.91	-7.12	6.92	-6.36	635695.40	456213.69	32°15'13.8170"N	104°01'41.1528"W	0.12	0.04	-134.53	



Actual Wellpath Report

Depth CC 6-7 Federal Com 42H_ awp 94.29'-20648' Proj: 20673'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA Inc.	Well	Depth CC 6-7 Federal Com 42H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46780-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 42H AWB
Slot	Depth CC 6-7 Federal Com 42H		

WELLPATH DATA (209 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
5826.00	0.060	298.710	5825.91	-7.19	6.99	-6.46	635695.30	456213.76	32°15'13.8176"N	104°01'41.1539"W	0.03	-0.02	-14.01	
5921.00	0.090	156.040	5920.91	-7.15	6.95	-6.47	635695.29	456213.72	32°15'13.8172"N	104°01'41.1541"W	0.15	0.03	-150.18	
6015.00	1.070	62.500	6014.90	-7.46	7.29	-5.66	635696.10	456214.05	32°15'13.8205"N	104°01'41.1446"W	1.15	1.04	-99.51	
6109.00	3.820	59.550	6108.81	-9.34	9.28	-2.18	635699.58	456216.05	32°15'13.8401"N	104°01'41.1041"W	2.93	2.93	-3.14	
6204.00	4.790	60.200	6203.54	-12.72	12.85	3.99	635705.75	456219.62	32°15'13.8753"N	104°01'41.0321"W	1.02	1.02	0.68	
6297.00	4.670	61.000	6296.22	-16.27	16.62	10.67	635712.43	456223.39	32°15'13.9124"N	104°01'40.9542"W	0.15	-0.13	0.86	
6392.00	4.460	58.920	6390.92	-19.84	20.40	17.21	635718.97	456227.17	32°15'13.9497"N	104°01'40.8778"W	0.28	-0.22	-2.19	
6486.00	4.680	54.440	6484.62	-23.75	24.52	23.46	635725.22	456231.28	32°15'13.9902"N	104°01'40.8049"W	0.45	0.23	-4.77	
6580.00	4.520	53.530	6578.32	-27.99	28.95	29.56	635731.32	456235.72	32°15'14.0339"N	104°01'40.7338"W	0.19	-0.17	-0.97	
6674.00	4.650	50.610	6672.02	-32.42	33.57	35.49	635737.24	456240.34	32°15'14.0794"N	104°01'40.6646"W	0.28	0.14	-3.11	
6768.00	3.860	48.170	6765.76	-36.77	38.10	40.79	635742.54	456244.86	32°15'14.1241"N	104°01'40.6027"W	0.86	-0.84	-2.60	
6862.00	2.600	47.070	6859.61	-40.21	41.66	44.71	635746.46	456248.43	32°15'14.1592"N	104°01'40.5570"W	1.34	-1.34	-1.17	
6956.00	1.630	57.190	6953.54	-42.30	43.84	47.39	635749.15	456250.60	32°15'14.1807"N	104°01'40.5256"W	1.10	-1.03	10.77	
7048.00	0.690	54.030	7045.52	-43.28	44.87	48.94	635750.70	456251.64	32°15'14.1909"N	104°01'40.5076"W	1.02	-1.02	-3.43	
7142.00	0.150	168.920	7139.52	-43.48	45.08	49.42	635751.18	456251.85	32°15'14.1930"N	104°01'40.5020"W	0.81	-0.57	122.22	
7236.00	0.230	122.310	7233.52	-43.25	44.86	49.60	635751.36	456251.63	32°15'14.1908"N	104°01'40.4998"W	0.18	0.09	-49.59	
7331.00	0.360	107.960	7328.52	-43.04	44.67	50.05	635751.81	456251.43	32°15'14.1888"N	104°01'40.4947"W	0.16	0.14	-15.11	
7426.00	0.400	96.110	7423.52	-42.90	44.54	50.66	635752.42	456251.30	32°15'14.1876"N	104°01'40.4875"W	0.09	0.04	-12.47	
7520.00	0.220	75.680	7517.51	-42.89	44.55	51.16	635752.92	456251.31	32°15'14.1876"N	104°01'40.4817"W	0.22	-0.19	-21.73	
7614.00	0.270	75.940	7611.51	-42.98	44.65	51.55	635753.31	456251.41	32°15'14.1886"N	104°01'40.4772"W	0.05	0.05	0.28	
7707.00	0.250	299.980	7704.51	-43.13	44.80	51.59	635753.35	456251.57	32°15'14.1901"N	104°01'40.4767"W	0.52	-0.02	-146.19	
7799.00	0.330	251.560	7796.51	-43.16	44.82	51.17	635752.92	456251.58	32°15'14.1903"N	104°01'40.4817"W	0.27	0.09	-52.63	
7894.00	0.590	229.000	7891.51	-42.77	44.41	50.54	635752.29	456251.18	32°15'14.1863"N	104°01'40.4890"W	0.33	0.27	-23.75	
7988.00	0.650	223.320	7985.50	-42.09	43.70	49.81	635751.56	456250.47	32°15'14.1793"N	104°01'40.4975"W	0.09	0.06	-6.04	
8082.00	0.830	223.570	8079.50	-41.24	42.82	48.97	635750.73	456249.59	32°15'14.1706"N	104°01'40.5073"W	0.19	0.19	0.27	
8177.00	1.100	232.790	8174.48	-40.23	41.77	47.77	635749.53	456248.54	32°15'14.1603"N	104°01'40.5213"W	0.33	0.28	9.71	
8272.00	1.170	224.910	8269.46	-39.03	40.54	46.36	635748.12	456247.30	32°15'14.1481"N	104°01'40.5378"W	0.18	0.07	-8.29	
8367.00	0.610	195.380	8364.45	-37.89	39.36	45.54	635747.30	456246.13	32°15'14.1365"N	104°01'40.5474"W	0.74	-0.59	-31.08	
8461.00	0.350	129.600	8458.45	-37.22	38.70	45.63	635747.39	456245.46	32°15'14.1299"N	104°01'40.5463"W	0.60	-0.28	-69.98	
8555.00	0.670	132.250	8552.45	-36.65	38.14	46.26	635748.01	456244.91	32°15'14.1244"N	104°01'40.5390"W	0.34	0.34	2.82	



Actual Wellpath Report

Depth CC 6-7 Federal Com 42H_ awp 94.29'-20648' Proj: 20673'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA Inc.	Well	Depth CC 6-7 Federal Com 42H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46780-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 42H AWB
Slot	Depth CC 6-7 Federal Com 42H		

WELLPATH DATA (209 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
8649.00	1.490	107.690	8646.43	-35.86	37.40	47.83	635749.58	456244.17	32°15'14.1170"N	104°01'40.5208"W	0.98	0.87	-26.13	
8743.00	3.280	95.340	8740.34	-35.11	36.78	51.67	635753.43	456243.55	32°15'14.1108"N	104°01'40.4761"W	1.97	1.90	-13.14	
8837.00	4.840	82.040	8834.11	-35.20	37.08	58.28	635760.03	456243.85	32°15'14.1135"N	104°01'40.3991"W	1.93	1.66	-14.15	
8931.00	6.810	67.010	8927.62	-37.63	39.81	67.33	635769.09	456246.57	32°15'14.1403"N	104°01'40.2936"W	2.63	2.10	-15.99	
9025.00	8.520	60.480	9020.78	-42.88	45.41	78.53	635780.28	456252.18	32°15'14.1954"N	104°01'40.1631"W	2.04	1.82	-6.95	
9120.00	8.770	58.670	9114.70	-49.72	52.65	90.84	635792.59	456259.41	32°15'14.2667"N	104°01'40.0195"W	0.39	0.26	-1.91	
9214.00	8.470	59.570	9207.64	-56.56	59.88	102.93	635804.68	456266.64	32°15'14.3379"N	104°01'39.8784"W	0.35	-0.32	0.96	
9307.00	8.310	58.900	9299.64	-63.13	66.82	114.59	635816.34	456273.58	32°15'14.4062"N	104°01'39.7424"W	0.20	-0.17	-0.72	
9401.00	8.190	60.510	9392.67	-69.56	73.62	126.23	635827.98	456280.39	32°15'14.4732"N	104°01'39.6066"W	0.28	-0.13	1.71	
9495.00	8.230	60.890	9485.71	-75.75	80.19	137.94	635839.69	456286.96	32°15'14.5379"N	104°01'39.4701"W	0.07	0.04	0.40	
9589.00	8.240	60.470	9578.74	-81.96	86.79	149.68	635851.42	456293.55	32°15'14.6028"N	104°01'39.3332"W	0.06	0.01	-0.45	
9683.00	8.300	61.970	9671.76	-88.09	93.29	161.53	635863.27	456300.06	32°15'14.6669"N	104°01'39.1950"W	0.24	0.06	1.60	
9776.00	8.320	62.980	9763.79	-93.92	99.51	173.45	635875.19	456306.27	32°15'14.7280"N	104°01'39.0560"W	0.16	0.02	1.09	
9871.00	8.410	62.630	9857.78	-99.84	105.82	185.74	635887.48	456312.58	32°15'14.7902"N	104°01'38.9126"W	0.11	0.09	-0.37	
9877.00	8.430	62.450	9863.71	-100.22	106.23	186.52	635888.26	456312.99	32°15'14.7942"N	104°01'38.9035"W	0.55	0.33	-3.00	
10040.00	7.930	80.750	10025.08	-106.86	113.56	208.21	635909.96	456320.32	32°15'14.8661"N	104°01'38.6507"W	1.62	-0.31	11.23	8-1/2" BKR MWD Surveys 10040'-20648'
10112.00	11.300	130.270	10096.17	-102.76	109.79	218.52	635920.26	456316.56	32°15'14.8285"N	104°01'38.5308"W	11.93	4.68	68.78	
10176.00	18.150	161.920	10158.13	-88.95	96.23	226.42	635928.16	456302.99	32°15'14.6941"N	104°01'38.4393"W	16.14	10.70	49.45	
10256.00†	23.924	177.840	10232.82	-60.72	68.13	230.90	635932.64	456274.89	32°15'14.4159"N	104°01'38.3880"W	10.10	7.22	19.90	FTP/100'FNL Corssing: 10256.00ft MD
10270.00	25.060	179.870	10245.56	-54.92	62.33	231.01	635932.76	456269.09	32°15'14.3585"N	104°01'38.3868"W	10.10	8.11	14.50	
10364.00	34.880	180.220	10326.89	-8.04	15.43	230.96	635932.70	456222.19	32°15'13.8944"N	104°01'38.3891"W	10.45	10.45	0.37	
10458.00	44.940	175.650	10398.92	52.15	-44.72	233.38	635935.12	456162.05	32°15'13.2992"N	104°01'38.3629"W	11.14	10.70	-4.86	
10552.00	54.370	176.920	10459.71	123.68	-116.14	237.96	635939.70	456090.64	32°15'12.5924"N	104°01'38.3119"W	10.08	10.03	1.35	
10647.00	62.940	176.520	10509.08	204.71	-197.06	242.61	635944.35	456009.73	32°15'11.7915"N	104°01'38.2604"W	9.03	9.02	-0.42	
10742.00	70.650	174.690	10546.49	291.86	-284.04	249.34	635951.08	455922.75	32°15'10.9306"N	104°01'38.1850"W	8.31	8.12	-1.93	
10837.00	77.290	174.790	10572.70	382.95	-374.92	257.70	635959.44	455831.89	32°15'10.0312"N	104°01'38.0906"W	6.99	6.99	0.11	
10930.00	84.870	176.910	10587.12	474.68	-466.48	264.33	635966.06	455740.33	32°15'9.1250"N	104°01'38.0165"W	8.46	8.15	2.28	
11024.00	90.110	176.170	10591.23	568.52	-560.18	269.99	635971.73	455646.63	32°15'8.1976"N	104°01'37.9536"W	5.63	5.57	-0.79	
11118.00	89.900	178.670	10591.22	662.51	-654.08	274.22	635975.96	455552.74	32°15'7.2684"N	104°01'37.9075"W	2.67	-0.22	2.66	
11211.00	89.960	179.040	10591.34	755.50	-747.06	276.08	635977.82	455459.77	32°15'6.3483"N	104°01'37.8889"W	0.40	0.06	0.40	



Actual Wellpath Report

Depth CC 6-7 Federal Com 42H_awp 94.29'-20648' Proj: 20673'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA Inc.	Well	Depth CC 6-7 Federal Com 42H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46780-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 42H AWB
Slot	Depth CC 6-7 Federal Com 42H		

WELLPATH DATA (209 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
11281.00	90.092	178.372	10591.30	825.49	-817.04	277.66	635979.40	455389.79	32°15'5.6558"N	104°01'37.8728"W	0.97	0.19	-0.95	
11369.00	89.692	177.575	10591.47	913.49	-904.99	280.78	635982.51	455301.86	32°15'4.7855"N	104°01'37.8395"W	1.01	-0.46	-0.91	
11553.00	90.400	178.060	10591.32	1097.49	-1088.85	287.78	635989.52	455118.01	32°15'2.9659"N	104°01'37.7640"W	0.47	0.38	0.26	
11647.00	89.840	178.320	10591.13	1191.49	-1182.81	290.75	635992.49	455024.06	32°15'2.0362"N	104°01'37.7326"W	0.66	-0.60	0.28	
11741.00	89.560	179.460	10591.62	1285.48	-1276.79	292.57	635994.31	454930.09	32°15'1.1062"N	104°01'37.7145"W	1.25	-0.30	1.21	
11931.00	89.630	179.270	10592.96	1475.43	-1466.77	294.68	635996.41	454740.12	32°14'59.2262"N	104°01'37.6963"W	0.11	0.04	-0.10	
12024.00	89.630	178.960	10593.56	1568.42	-1559.76	296.12	635997.85	454647.14	32°14'58.3061"N	104°01'37.6827"W	0.33	0.00	-0.33	
12120.00	89.870	179.670	10593.98	1664.40	-1655.75	297.26	635999.00	454551.16	32°14'57.3562"N	104°01'37.6725"W	0.78	0.25	0.74	
12215.00	89.690	179.870	10594.35	1759.36	-1750.75	297.64	635999.38	454456.17	32°14'56.4162"N	104°01'37.6712"W	0.28	-0.19	0.21	
12308.00	91.350	179.710	10593.50	1852.31	-1843.74	297.99	635999.72	454363.18	32°14'55.4960"N	104°01'37.6703"W	1.79	1.78	-0.17	
12402.00	91.840	179.970	10590.88	1946.24	-1937.70	298.25	635999.98	454269.23	32°14'54.5662"N	104°01'37.6704"W	0.59	0.52	0.28	
12495.00	91.690	179.850	10588.02	2039.15	-2030.66	298.39	636000.13	454176.28	32°14'53.6464"N	104°01'37.6718"W	0.21	-0.16	-0.13	
12685.00	91.130	179.630	10583.34	2229.02	-2220.60	299.26	636000.99	453986.36	32°14'51.7669"N	104°01'37.6680"W	0.32	-0.29	-0.12	
12873.00	89.440	179.450	10582.41	2416.96	-2408.58	300.77	636002.50	453798.39	32°14'49.9067"N	104°01'37.6567"W	0.90	-0.90	-0.10	
12968.00	89.780	179.440	10583.06	2511.93	-2503.57	301.69	636003.42	453703.40	32°14'48.9668"N	104°01'37.6491"W	0.36	0.36	-0.01	
13155.00	90.090	179.250	10583.27	2698.89	-2690.56	303.82	636005.56	453516.43	32°14'47.1164"N	104°01'37.6305"W	0.19	0.17	-0.10	
13250.00	87.810	181.570	10585.01	2793.79	-2785.53	303.14	636004.88	453421.47	32°14'46.1767"N	104°01'37.6415"W	3.42	-2.40	2.44	
13344.00	87.750	179.260	10588.65	2887.64	-2879.45	302.46	636004.20	453327.56	32°14'45.2474"N	104°01'37.6526"W	2.46	-0.06	-2.46	
13531.00	88.640	179.670	10594.54	3074.50	-3066.35	304.21	636005.94	453140.68	32°14'43.3980"N	104°01'37.6384"W	0.52	0.48	0.22	
13626.00	89.780	178.740	10595.85	3169.47	-3161.33	305.53	636007.26	453045.70	32°14'42.4581"N	104°01'37.6262"W	1.55	1.20	-0.98	
13815.00	89.320	179.170	10597.34	3358.45	-3350.29	308.97	636010.71	452856.76	32°14'40.5883"N	104°01'37.5924"W	0.33	-0.24	0.23	
14003.00	89.470	179.760	10599.32	3546.39	-3538.27	310.73	636012.46	452668.79	32°14'38.7281"N	104°01'37.5782"W	0.32	0.08	0.31	
14031.00	90.240	180.320	10599.39	3574.37	-3566.27	310.71	636012.44	452640.80	32°14'38.4511"N	104°01'37.5793"W	3.40	2.75	2.00	
14106.00	90.010	179.830	10599.23	3649.33	-3641.27	310.61	636012.35	452565.80	32°14'37.7089"N	104°01'37.5830"W	0.72	-0.31	-0.65	
14201.00	89.640	179.740	10599.52	3744.29	-3736.27	310.97	636012.70	452470.81	32°14'36.7689"N	104°01'37.5820"W	0.40	-0.39	-0.09	
14294.00	89.880	180.040	10599.91	3837.25	-3829.27	311.15	636012.88	452377.82	32°14'35.8487"N	104°01'37.5830"W	0.41	0.26	0.32	
14389.00	90.250	180.070	10599.80	3932.20	-3924.27	311.06	636012.79	452282.83	32°14'34.9087"N	104°01'37.5872"W	0.39	0.39	0.03	
14483.00	90.280	179.980	10599.37	4026.15	-4018.26	311.01	636012.75	452188.84	32°14'33.9785"N	104°01'37.5908"W	0.10	0.03	-0.10	
14578.00	88.840	179.370	10600.09	4121.11	-4113.26	311.55	636013.29	452093.85	32°14'33.0386"N	104°01'37.5877"W	1.65	-1.52	-0.64	
14672.00	90.750	180.400	10600.43	4215.06	-4207.25	311.74	636013.48	451999.87	32°14'32.1085"N	104°01'37.5886"W	2.31	2.03	1.10	



Actual Wellpath Report

Depth CC 6-7 Federal Com 42H_awp 94.29'-20648' Proj: 20673'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA Inc.	Well	Depth CC 6-7 Federal Com 42H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46780-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 42H AWB
Slot	Depth CC 6-7 Federal Com 42H		

WELLPATH DATA (209 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
14766.00	89.510	179.160	10600.22	4309.02	-4301.25	312.10	636013.84	451905.88	32°14'31.1784"N	104°01'37.5875"W	1.87	-1.32	-1.32	
14859.00	91.150	180.050	10599.68	4401.98	-4394.24	312.74	636014.48	451812.90	32°14'30.2582"N	104°01'37.5832"W	2.01	1.76	0.96	
14954.00	91.580	179.640	10597.42	4496.92	-4489.21	313.00	636014.73	451717.93	32°14'29.3184"N	104°01'37.5833"W	0.63	0.45	-0.43	
15048.00	90.130	179.510	10596.02	4590.87	-4583.19	313.70	636015.43	451623.95	32°14'28.3884"N	104°01'37.5783"W	1.55	-1.54	-0.14	
15236.00	91.330	179.980	10593.62	4778.78	-4771.17	314.53	636016.27	451435.99	32°14'26.5283"N	104°01'37.5748"W	0.69	0.64	0.25	
15330.00	90.070	180.180	10592.47	4872.72	-4865.16	314.40	636016.14	451342.01	32°14'25.5983"N	104°01'37.5795"W	1.36	-1.34	0.21	
15425.00	89.820	179.800	10592.56	4967.68	-4960.16	314.42	636016.15	451247.02	32°14'24.6583"N	104°01'37.5824"W	0.48	-0.26	-0.40	
15610.00	91.730	179.990	10590.06	5152.57	-5145.14	314.76	636016.49	451062.06	32°14'22.8279"N	104°01'37.5846"W	1.04	1.03	0.10	
15704.00	90.560	179.880	10588.18	5246.50	-5239.12	314.87	636016.60	450968.09	32°14'21.8980"N	104°01'37.5865"W	1.25	-1.24	-0.12	
15798.00	88.740	180.150	10588.76	5340.45	-5333.11	314.84	636016.57	450874.10	32°14'20.9679"N	104°01'37.5899"W	1.96	-1.94	0.29	
15893.00	88.400	179.800	10591.13	5435.37	-5428.08	314.88	636016.62	450779.14	32°14'20.0282"N	104°01'37.5926"W	0.51	-0.36	-0.37	
15987.00	89.140	179.490	10593.15	5529.32	-5522.06	315.46	636017.20	450685.17	32°14'19.0982"N	104°01'37.5889"W	0.85	0.79	-0.33	
16081.00	87.330	179.580	10596.04	5623.24	-5616.01	316.23	636017.96	450591.23	32°14'18.1686"N	104°01'37.5832"W	1.93	-1.93	0.10	
16175.00	89.170	179.930	10598.91	5717.16	-5709.96	316.63	636018.36	450497.28	32°14'17.2389"N	104°01'37.5816"W	1.99	1.96	0.37	
16269.00	89.170	179.580	10600.27	5811.11	-5803.95	317.03	636018.76	450403.30	32°14'16.3089"N	104°01'37.5800"W	0.37	0.00	-0.37	
16364.00	90.250	180.250	10600.75	5906.06	-5898.94	317.17	636018.91	450308.31	32°14'15.3689"N	104°01'37.5816"W	1.34	1.14	0.71	
16458.00	88.130	180.130	10602.08	5999.99	-5992.93	316.86	636018.59	450214.34	32°14'14.4389"N	104°01'37.5883"W	2.26	-2.26	-0.13	
16553.00	91.080	179.810	10602.74	6094.93	-6087.92	316.91	636018.64	450119.36	32°14'13.4990"N	104°01'37.5909"W	3.12	3.11	-0.34	
16646.00	90.870	179.970	10601.16	6187.87	-6180.90	317.09	636018.82	450026.38	32°14'12.5789"N	104°01'37.5919"W	0.28	-0.23	0.17	
16741.00	90.810	179.900	10599.76	6282.82	-6275.89	317.20	636018.93	449931.40	32°14'11.6390"N	104°01'37.5938"W	0.10	-0.06	-0.07	
16835.00	93.090	179.740	10596.56	6376.72	-6369.83	317.49	636019.22	449837.47	32°14'10.7094"N	104°01'37.5935"W	2.43	2.43	-0.17	
16929.00	92.810	180.290	10591.73	6470.55	-6463.70	317.47	636019.20	449743.60	32°14'9.7805"N	104°01'37.5969"W	0.66	-0.30	0.59	
17023.00	91.390	180.070	10588.28	6564.42	-6557.64	317.17	636018.91	449649.67	32°14'8.8510"N	104°01'37.6034"W	1.53	-1.51	-0.23	
17117.00	91.110	179.950	10586.23	6658.35	-6651.62	317.15	636018.89	449555.70	32°14'7.9211"N	104°01'37.6067"W	0.32	-0.30	-0.13	
17211.00	86.680	180.150	10588.04	6752.26	-6745.58	317.07	636018.81	449461.75	32°14'6.9914"N	104°01'37.6108"W	4.72	-4.71	0.21	
17304.00	89.450	179.980	10591.18	6845.15	-6838.51	316.97	636018.70	449368.82	32°14'6.0718"N	104°01'37.6151"W	2.98	2.98	-0.18	
17398.00	90.500	179.940	10591.23	6939.10	-6932.51	317.03	636018.77	449274.83	32°14'5.1416"N	104°01'37.6175"W	1.12	1.12	-0.04	
17491.00	90.710	179.970	10590.24	7032.05	-7025.51	317.11	636018.84	449181.84	32°14'4.2214"N	104°01'37.6197"W	0.23	0.23	0.03	
17586.00	88.900	179.440	10590.57	7127.01	-7120.50	317.60	636019.33	449086.86	32°14'3.2815"N	104°01'37.6172"W	1.99	-1.91	-0.56	
17680.00	89.170	180.130	10592.15	7220.96	-7214.49	317.95	636019.68	448992.88	32°14'2.3515"N	104°01'37.6162"W	0.79	0.29	0.73	



Actual Wellpath Report

Depth CC 6-7 Federal Com 42H_ awp 94.29'-20648' Proj: 20673'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA Inc.	Well	Depth CC 6-7 Federal Com 42H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46780-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 42H AWB
Slot	Depth CC 6-7 Federal Com 42H		

WELLPATH DATA (209 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
17775.00	90.130	179.820	10592.73	7315.91	-7309.48	317.99	636019.72	448897.89	32°14'1.4114"N	104°01'37.6188"W	1.06	1.01	-0.33	
17963.00	89.790	180.020	10592.86	7503.82	-7497.48	318.25	636019.99	448709.91	32°13'59.5512"N	104°01'37.6220"W	0.21	-0.18	0.11	
18057.00	90.130	179.930	10592.93	7597.77	-7591.48	318.29	636020.03	448615.92	32°13'58.6210"N	104°01'37.6247"W	0.37	0.36	-0.10	
18149.00	89.760	180.300	10593.01	7689.72	-7683.48	318.11	636019.84	448523.92	32°13'57.7107"N	104°01'37.6299"W	0.57	-0.40	0.40	
18242.00	89.820	179.950	10593.36	7782.67	-7776.48	317.91	636019.64	448430.93	32°13'56.7905"N	104°01'37.6353"W	0.38	0.06	-0.38	
18431.00	89.820	179.940	10593.95	7971.57	-7965.48	318.09	636019.82	448241.95	32°13'54.9203"N	104°01'37.6395"W	0.01	0.00	-0.01	
18525.00	89.910	179.930	10594.17	8065.53	-8059.48	318.19	636019.93	448147.96	32°13'53.9902"N	104°01'37.6414"W	0.10	0.10	-0.01	
18621.00	89.940	179.980	10594.30	8161.48	-8155.48	318.27	636020.00	448051.97	32°13'53.0402"N	104°01'37.6437"W	0.06	0.03	0.05	
18716.00	89.850	179.910	10594.47	8256.44	-8250.48	318.36	636020.09	447956.97	32°13'52.1002"N	104°01'37.6458"W	0.12	-0.09	-0.07	
18810.00	89.540	179.870	10594.97	8350.39	-8344.48	318.54	636020.27	447862.98	32°13'51.1701"N	104°01'37.6468"W	0.33	-0.33	-0.04	
18904.00	90.040	179.870	10595.32	8444.35	-8438.48	318.75	636020.49	447768.99	32°13'50.2399"N	104°01'37.6474"W	0.53	0.53	0.00	
18998.00	90.010	179.960	10595.27	8538.31	-8532.48	318.89	636020.63	447675.00	32°13'49.3098"N	104°01'37.6489"W	0.10	-0.03	0.10	
19092.00	90.040	180.160	10595.23	8632.26	-8626.48	318.79	636020.53	447581.01	32°13'48.3797"N	104°01'37.6532"W	0.22	0.03	0.21	
19280.00	90.070	179.930	10595.05	8820.16	-8814.48	318.65	636020.38	447393.02	32°13'46.5194"N	104°01'37.6611"W	0.12	0.02	-0.12	
19374.00	89.980	180.140	10595.01	8914.11	-8908.48	318.59	636020.32	447299.03	32°13'45.5892"N	104°01'37.6649"W	0.24	-0.10	0.22	
19563.00	89.850	179.910	10595.29	9103.01	-9097.48	318.51	636020.24	447110.05	32°13'43.7191"N	104°01'37.6721"W	0.14	-0.07	-0.12	
19657.00	91.610	180.040	10594.10	9196.95	-9191.46	318.55	636020.28	447016.07	32°13'42.7891"N	104°01'37.6748"W	1.88	1.87	0.14	
19750.00	90.590	180.050	10592.31	9289.88	-9284.45	318.48	636020.21	446923.09	32°13'41.8690"N	104°01'37.6787"W	1.10	-1.10	0.01	
19844.00	89.540	179.970	10592.20	9383.83	-9378.44	318.46	636020.19	446829.10	32°13'40.9389"N	104°01'37.6820"W	1.12	-1.12	-0.09	
20032.00	91.730	180.060	10590.12	9571.71	-9566.42	318.41	636020.14	446641.14	32°13'39.0788"N	104°01'37.6888"W	1.17	1.16	0.05	
20126.00	89.420	180.260	10589.18	9665.64	-9660.41	318.15	636019.88	446547.16	32°13'38.1488"N	104°01'37.6950"W	2.47	-2.46	0.21	
20220.00	90.500	179.970	10589.24	9759.59	-9754.41	317.96	636019.69	446453.17	32°13'37.2187"N	104°01'37.7003"W	1.19	1.15	-0.31	
20314.00	90.960	178.650	10588.04	9853.56	-9848.39	319.09	636020.82	446359.19	32°13'36.2887"N	104°01'37.6903"W	1.49	0.49	-1.40	
20409.00	86.740	178.900	10589.95	9948.51	-9943.33	321.12	636022.85	446264.26	32°13'35.3492"N	104°01'37.6698"W	4.45	-4.44	0.26	
20503.00	89.330	178.590	10593.17	10042.44	-10037.24	323.18	636024.91	446170.36	32°13'34.4199"N	104°01'37.6490"W	2.77	2.76	-0.33	
20597.00	89.270	178.940	10594.32	10136.43	-10131.21	325.20	636026.94	446076.39	32°13'33.4899"N	104°01'37.6285"W	0.38	-0.06	0.37	
20618.00†	88.941	178.985	10594.65	10157.43	-10152.21	325.58	636027.32	446055.40	32°13'33.2822"N	104°01'37.6248"W	1.58	-1.57	0.22	LTP/330'FSL Crossing: 20618.00ft MD
20648.00	88.470	179.050	10595.33	10187.42	-10182.20	326.10	636027.83	446025.42	32°13'32.9855"N	104°01'37.6198"W	1.58	-1.57	0.22	Final BKR MWD Survey: 20648.00ft MD
20673.00‡	88.470	179.050	10596.00	10212.40	-10207.18	326.51	636028.25	446000.43	32°13'32.7382"N	104°01'37.6158"W	0.00	0.00	0.00	Projection to TD: 20673.00ft MD

TARGETS

Name	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
Depth CC 6-7 Fed Com 42H - 3000'VS	10569.70	-2992.09	295.67	635997.41	453214.93	32°14'44.1331"N	104°01'37.7354"W	point
Depth CC 6-7 Fed Com 42H - FTP	10580.92	67.99	279.68	635981.42	456274.75	32°15'14.4131"N	104°01'37.8199"W	point
Depth CC 6-7 Fed Com 42H - KOP	10581.10	117.99	279.42	635981.16	456324.75	32°15'14.9079"N	104°01'37.8213"W	point
Depth CC 6-7 Fed Com 42H - PBHL	10605.03	-10462.54	334.69	636036.42	445745.10	32°13'30.2112"N	104°01'37.5291"W	point
Depth CC 6-7 Fed Com 42H - LTP	10605.57	-10152.51	333.08	636034.81	446055.10	32°13'33.2790"N	104°01'37.5375"W	point
Depth CC 6-7 Fed Com 42H - 7500'VS	10609.66	-7493.63	319.19	636020.92	448713.76	32°13'59.5893"N	104°01'37.6110"W	point

WELLPATH COMPOSITION - Ref Wellbore: Depth CC 6-7 Federal Com 42H AWB Ref Wellpath: Depth CC 6-7 Federal Com 42H_awp 94.29'-20648' Pr

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	445.95	BH Generic gyro - northseeking (Standard)	Adjusted Gyrodata Gyro Surveys 94.29'-445.95' (Imported)	Depth CC 6-7 Federal Com 42H AWB
445.95	9877.00	Custom OWSG MWD+IFR1+SAG+FDIR (Approximation)	PHX MWD Surveys 581'-9877' (Imported)	Depth CC 6-7 Federal Com 42H AWB
9877.00	20673.00	Custom OWSG MWD+IFR1+SAG+FDIR (Approximation)	8-1/2" BKR MWD Surveys 10040'-20648'	Depth CC 6-7 Federal Com 42H AWB



Actual Wellpath Report

Depth CC 6-7 Federal Com 42H_ awp 94.29'-20648' Proj: 20673'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA Inc.	Well	Depth CC 6-7 Federal Com 42H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46780-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 42H AWB
Slot	Depth CC 6-7 Federal Com 42H		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
94.29	0.410	325.500	94.29	Adjusted Gyrodata Gyro Surveys 94.29'-445.95' (Imported)
581.00	1.440	318.550	580.93	PHX MWD Surveys 581'-9877' (Imported)
10040.00	7.930	80.750	10025.08	8-1/2" BKR MWD Surveys 10040'-20648'
10256.00	23.924	177.840	10232.82	FTP/100'FNL Corssing: 10256.00ft MD
20618.00	88.941	178.985	10594.65	LTP/330'FSL Crossing: 20618.00ft MD
20648.00	88.470	179.050	10595.33	Final BKR MWD Survey: 20648.00ft MD
20673.00	88.470	179.050	10596.00	Projection to TD: 20673.00ft MD

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

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

First Take Point (FTP)

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

Last Take Point (LTP)

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

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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 173600

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 173600
	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
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

CONDITIONS

Action 173600

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 173600
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	RT Expires 04/06/2023	2/3/2023