

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 II

1000 Rio Brazos Rd., Aztec, NM 87410

District III

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 - 01/10/2023
⁴ API Number 30 - 015-46777	⁵ Pool Name PURPLE SAGE WOLFCAMP *NSL-7961	⁶ Pool Code 98220
⁷ Property Code: 327181	⁸ Property Name: DEPTH CC 6-7 FEDERAL COM	⁹ Well Number: 41H

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
4	6	24S	29E		203	NORTH	602	WEST	EDDY

¹¹ Bottom Hole Location

FTP- 141' FNL 382' FWL LTP- 444' FSL 341' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	7	24S	29E		274	SOUTH	342	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 09/23/22	²² Ready Date 01/10/2023	²³ TD 20662'M 10560'V	²⁴ PBTD 20617'M 10560'V	²⁵ Perforations 10310-20492'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	455'	535		
12-1/4"	9-5/8"	9994'	3160		
8-1/2"	7" X 5-1/2"	20642'	2393		

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.comDate: 01/09/2023
Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by: Sarah McGrath

Title: Petroleum Specialist - A

Approval Date: 02/28/2023

RT Expires 04/10/2023

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

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☒ AMENDED REPORT

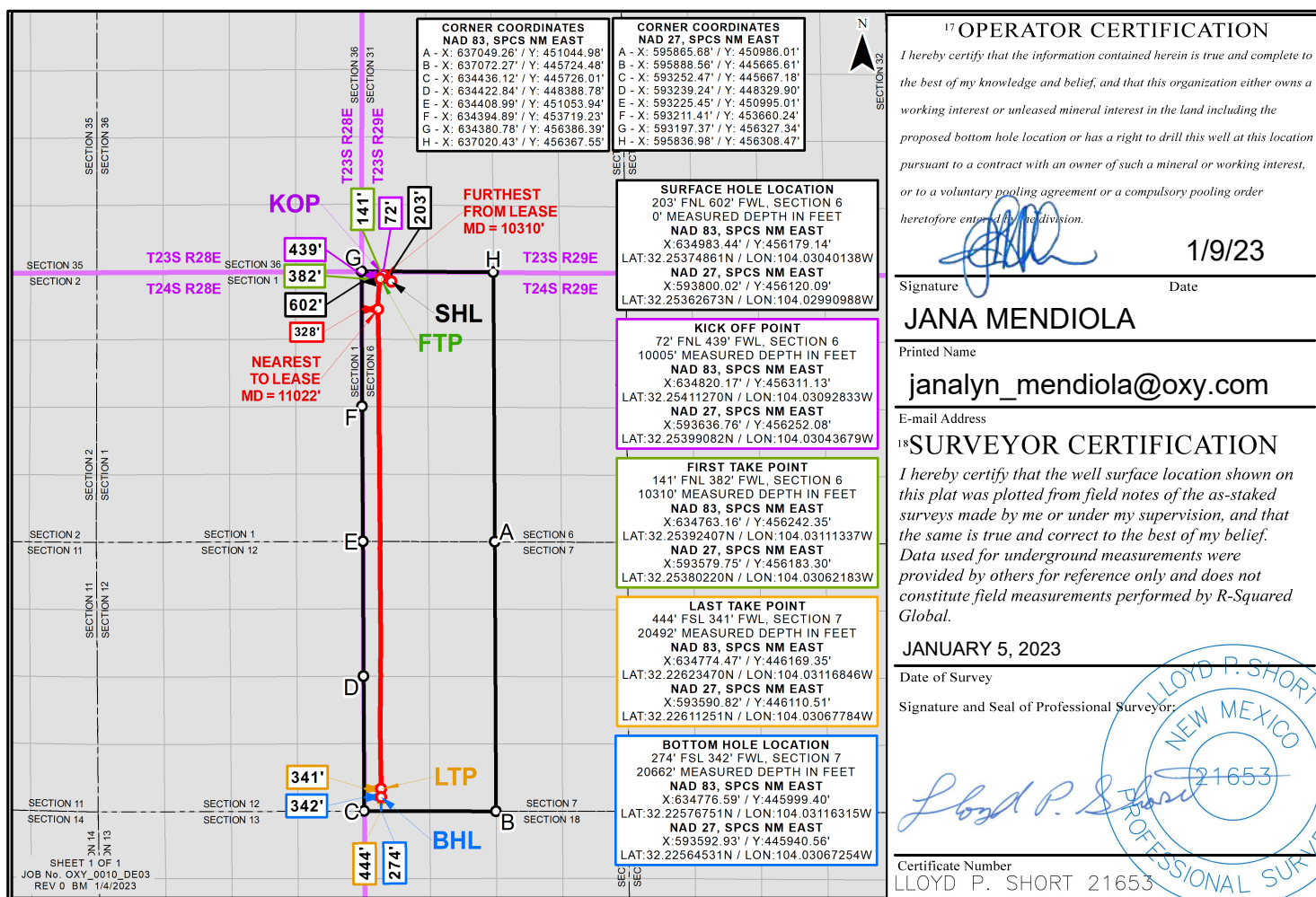
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46777	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 41H
		⁹ Elevation 2967'

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 4	6	24S	29E		203	NORTH	602	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
L 4	7	24S	29E		274	SOUTH	342	WEST	EDDY
¹² Dedicated Acres 637.33	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-7961						

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.



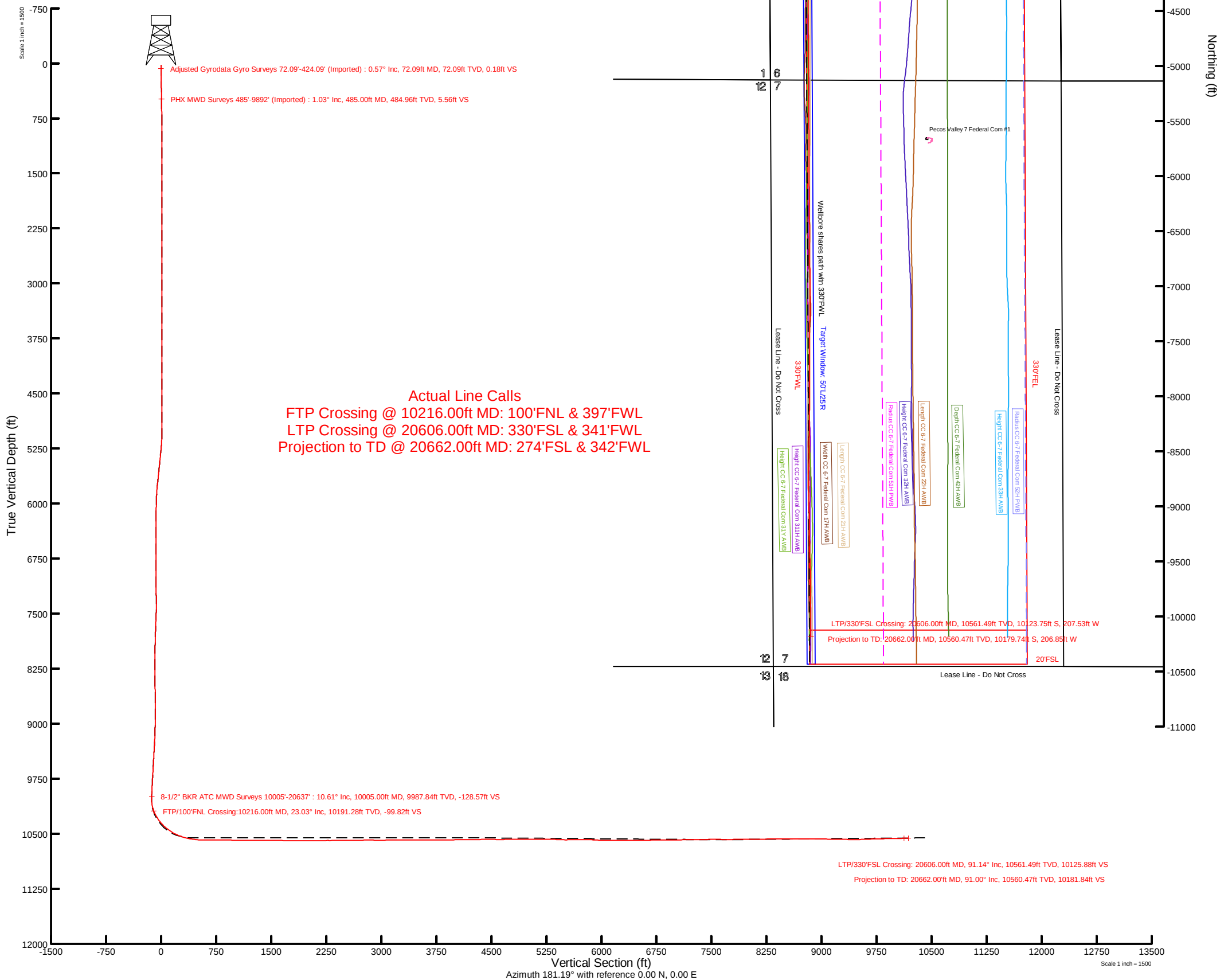
Distances/areas relative to NAD 83 Combined Scale Factor: 0.9997778 Convergence Angle: 00°08'28.5600"



Slot: Depth CC 6-7 Federal Com 41H
Well: Depth CC 6-7 Federal Com 41H
Wellbore: Depth CC 6-7 Federal Com 41H AWB



User specified Dip: 59.95° Field: 47533.9 nT
Magnetic North is 5.7 degrees East of True North (all 11/26/2022)
Grid North is 0.16 degrees East of True North
To correct azimuth from True to Grid subtract 0.16 degrees
To correct azimuth from Magnetic to Grid add 6.61 degrees





Actual Wellpath Report

Depth CC 6-7 Federal Com 41H_awp 72.09'-20637' Proj: 20662'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA, Inc.	Well	Depth CC 6-7 Federal Com 41H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46777-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 41H AWB
Slot	Depth CC 6-7 Federal Com 41H		

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	11/29/2022 at 9:21:34 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	0.00	0.00	634983.44	456179.14	32°15'13.4950"N	104°01'49.4450"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	Citadel 3 (KB) to Facility Vertical Datum	2991.00ft
Horizontal Reference Pt	Slot	Citadel 3 (KB) to Mean Sea Level	2991.00ft
Vertical Reference Pt	Citadel 3 (KB)	Citadel 3 (KB) to Ground Level at Slot (Depth CC 6-7 Federal Com 41H)	24.00ft
MD Reference Pt	Citadel 3 (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	181.19°



Actual Wellpath Report

Depth CC 6-7 Federal Com 41H_ awp 72.09'-20637' Proj: 20662'
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Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 41H AWB
Slot	Depth CC 6-7 Federal Com 41H		

WELLPATH DATA (217 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Polar Radius [ft]	Polar Bearing [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
0.00†	0.000	223.500	0.00	0.00	0.00	0.00	32°15'13.4950"N	104°01'49.4450"W	0.00	0.000	0.00	0.00	0.00	
24.00	0.000	223.500	24.00	0.00	0.00	0.00	32°15'13.4950"N	104°01'49.4450"W	0.00	0.000	0.00	0.00	0.00	
72.09	0.570	223.500	72.09	0.18	-0.17	-0.16	32°15'13.4933"N	104°01'49.4469"W	0.24	223.500	1.19	1.19	0.00	Adjusted Gyrodata Gyro Surveys 72.09'-424.09' (Imported)
155.73	0.670	222.970	155.72	0.85	-0.83	-0.78	32°15'13.4868"N	104°01'49.4541"W	0.91	223.214	0.12	0.12	-0.63	
237.03	0.820	194.600	237.02	1.77	-1.74	-1.26	32°15'13.4778"N	104°01'49.4596"W	1.03	207.327	0.48	0.18	-34.90	
330.88	0.880	184.430	330.86	3.14	-3.11	-1.48	32°15'13.4642"N	104°01'49.4623"W	1.39	189.335	0.17	0.06	-10.84	
424.09	0.870	189.230	424.06	4.56	-4.52	-1.65	32°15'13.4503"N	104°01'49.4643"W	1.42	186.816	0.08	-0.01	5.15	
485.00	1.030	188.580	484.96	5.56	-5.52	-1.80	32°15'13.4404"N	104°01'49.4662"W	1.01	188.878	0.26	0.26	-1.07	PHX MWD Surveys 485'-9892' (Imported)
579.00	0.840	190.360	578.95	7.08	-7.04	-2.05	32°15'13.4254"N	104°01'49.4691"W	1.53	189.380	0.20	-0.20	1.89	
674.00	1.010	173.520	673.93	8.59	-8.55	-2.09	32°15'13.4104"N	104°01'49.4695"W	1.52	181.161	0.34	0.18	-17.73	
768.00	0.300	180.480	767.93	9.66	-9.62	-1.99	32°15'13.3998"N	104°01'49.4685"W	1.07	175.112	0.76	-0.76	7.40	
899.00	0.090	261.610	898.93	10.02	-9.98	-2.10	32°15'13.3963"N	104°01'49.4697"W	0.37	196.298	0.23	-0.16	61.93	
994.00	0.050	41.990	993.93	10.00	-9.96	-2.14	32°15'13.3965"N	104°01'49.4703"W	0.05	293.380	0.14	-0.04	147.77	
1088.00	0.080	212.500	1087.93	10.03	-9.98	-2.15	32°15'13.3963"N	104°01'49.4704"W	0.03	197.462	0.14	0.03	181.39	
1183.00	0.120	209.720	1182.93	10.17	-10.13	-2.24	32°15'13.3948"N	104°01'49.4714"W	0.17	210.832	0.04	0.04	-2.93	
1309.00	0.150	180.040	1308.93	10.45	-10.41	-2.30	32°15'13.3921"N	104°01'49.4721"W	0.29	193.194	0.06	0.02	-23.56	
1499.00	0.090	141.680	1498.93	10.82	-10.77	-2.21	32°15'13.3885"N	104°01'49.4711"W	0.38	165.830	0.05	-0.03	-20.19	
1593.00	0.120	139.390	1592.92	10.95	-10.90	-2.10	32°15'13.3871"N	104°01'49.4698"W	0.17	140.371	0.03	0.03	-2.44	
1688.00	0.080	172.000	1687.92	11.09	-11.05	-2.03	32°15'13.3857"N	104°01'49.4689"W	0.16	152.347	0.07	-0.04	34.33	
1783.00	0.080	40.860	1782.92	11.10	-11.06	-1.97	32°15'13.3856"N	104°01'49.4683"W	0.05	106.430	0.15	0.00	-138.04	
1878.00	0.120	112.000	1877.92	11.08	-11.05	-1.84	32°15'13.3857"N	104°01'49.4667"W	0.14	84.570	0.13	0.04	74.88	
1972.00	0.070	354.750	1971.92	11.06	-11.03	-1.75	32°15'13.3859"N	104°01'49.4657"W	0.09	76.717	0.17	-0.05	-124.73	
2067.00	0.080	243.420	2066.92	11.04	-11.00	-1.82	32°15'13.3862"N	104°01'49.4665"W	0.07	293.511	0.13	0.01	-117.19	
2162.00	0.050	280.110	2161.92	11.06	-11.02	-1.92	32°15'13.3860"N	104°01'49.4677"W	0.10	257.389	0.05	-0.03	38.62	
2257.00	0.080	323.310	2256.92	11.00	-10.96	-2.00	32°15'13.3866"N	104°01'49.4686"W	0.10	306.931	0.06	0.03	45.47	
2351.00	0.120	214.490	2350.92	11.03	-10.99	-2.09	32°15'13.3863"N	104°01'49.4697"W	0.10	253.286	0.17	0.04	-115.77	
2446.00	0.160	218.400	2445.92	11.22	-11.18	-2.23	32°15'13.3845"N	104°01'49.4713"W	0.23	216.724	0.04	0.04	4.12	
2541.00	0.140	239.080	2540.92	11.39	-11.34	-2.41	32°15'13.3828"N	104°01'49.4734"W	0.24	228.043	0.06	-0.02	21.77	
2636.00	0.150	204.730	2635.92	11.56	-11.51	-2.56	32°15'13.3811"N	104°01'49.4752"W	0.23	221.294	0.09	0.01	-36.16	
2731.00	0.050	91.850	2730.92	11.68	-11.63	-2.58	32°15'13.3800"N	104°01'49.4753"W	0.11	185.295	0.18	-0.11	-118.82	



Actual Wellpath Report

Depth CC 6-7 Federal Com 41H_awp 72.09'-20637' Proj: 20662'

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Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 41H AWB
Slot	Depth CC 6-7 Federal Com 41H		

WELLPATH DATA (217 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Polar Radius [ft]	Polar Bearing [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
2825.00	0.110	207.990	2824.92	11.76	-11.71	-2.58	32°15'13.3792"N	104°01'49.4754"W	0.08	180.958	0.15	0.06	123.55	
2920.00	0.090	354.830	2919.92	11.77	-11.71	-2.63	32°15'13.3792"N	104°01'49.4759"W	0.05	262.844	0.20	-0.02	154.57	
3015.00	0.080	79.300	3014.92	11.68	-11.63	-2.57	32°15'13.3800"N	104°01'49.4752"W	0.10	34.008	0.12	-0.01	88.92	
3110.00	0.090	167.890	3109.92	11.74	-11.69	-2.49	32°15'13.3794"N	104°01'49.4743"W	0.10	126.880	0.13	0.01	93.25	
3204.00	0.100	310.810	3203.92	11.76	-11.71	-2.53	32°15'13.3792"N	104°01'49.4749"W	0.05	248.269	0.19	0.01	152.04	
3299.00	0.080	120.100	3298.92	11.74	-11.69	-2.54	32°15'13.3794"N	104°01'49.4749"W	0.02	345.607	0.19	-0.02	178.20	
3394.00	0.120	253.700	3393.92	11.80	-11.75	-2.58	32°15'13.3788"N	104°01'49.4754"W	0.07	211.915	0.19	0.04	140.63	
3489.00	0.090	30.080	3488.92	11.76	-11.71	-2.64	32°15'13.3792"N	104°01'49.4760"W	0.07	302.244	0.21	-0.03	143.56	
3583.00	0.100	168.400	3582.92	11.78	-11.73	-2.58	32°15'13.3790"N	104°01'49.4754"W	0.06	107.112	0.19	0.01	147.15	
3678.00	0.080	91.310	3677.92	11.86	-11.81	-2.50	32°15'13.3782"N	104°01'49.4745"W	0.12	134.914	0.12	-0.02	-81.15	
3773.00	0.090	73.960	3772.92	11.84	-11.79	-2.36	32°15'13.3784"N	104°01'49.4728"W	0.14	82.121	0.03	0.01	-18.26	
3868.00	0.060	76.770	3867.92	11.80	-11.76	-2.24	32°15'13.3787"N	104°01'49.4714"W	0.12	75.084	0.03	-0.03	2.96	
3963.00	0.080	339.570	3962.92	11.73	-11.69	-2.22	32°15'13.3794"N	104°01'49.4711"W	0.08	18.966	0.11	0.02	-102.32	
4057.00	0.080	125.950	4056.92	11.70	-11.66	-2.19	32°15'13.3797"N	104°01'49.4708"W	0.04	52.760	0.16	0.00	155.72	
4152.00	0.110	127.310	4151.92	11.80	-11.76	-2.06	32°15'13.3787"N	104°01'49.4693"W	0.16	126.737	0.03	0.03	1.43	
4247.00	0.090	278.160	4246.92	11.84	-11.80	-2.06	32°15'13.3783"N	104°01'49.4693"W	0.04	181.699	0.20	-0.02	158.79	
4342.00	0.090	183.840	4341.92	11.91	-11.86	-2.14	32°15'13.3776"N	104°01'49.4703"W	0.10	231.000	0.14	0.00	-99.28	
4437.00	0.070	162.100	4436.92	12.04	-11.99	-2.13	32°15'13.3764"N	104°01'49.4701"W	0.13	174.345	0.04	-0.02	-22.88	
4532.00	0.080	163.490	4531.92	12.15	-12.11	-2.09	32°15'13.3752"N	104°01'49.4697"W	0.12	162.841	0.01	0.01	1.46	
4626.00	0.100	265.140	4625.92	12.23	-12.18	-2.15	32°15'13.3745"N	104°01'49.4704"W	0.09	222.080	0.15	0.02	108.14	
4721.00	0.090	267.920	4720.92	12.24	-12.19	-2.31	32°15'13.3744"N	104°01'49.4723"W	0.16	266.457	0.01	-0.01	2.93	
4816.00	0.090	320.880	4815.92	12.19	-12.14	-2.43	32°15'13.3750"N	104°01'49.4737"W	0.13	294.400	0.08	0.00	55.75	
4911.00	0.080	294.320	4910.92	12.10	-12.05	-2.54	32°15'13.3758"N	104°01'49.4749"W	0.14	308.395	0.04	-0.01	-27.96	
5006.00	0.600	344.090	5005.92	11.60	-11.55	-2.74	32°15'13.3808"N	104°01'49.4772"W	0.54	338.736	0.58	0.55	52.39	
5101.00	2.240	3.870	5100.89	9.27	-9.22	-2.75	32°15'13.4039"N	104°01'49.4773"W	2.33	359.728	1.78	1.73	20.82	
5196.00	3.920	5.060	5195.75	4.18	-4.13	-2.34	32°15'13.4542"N	104°01'49.4723"W	5.10	4.627	1.77	1.77	1.25	
5290.00	5.590	6.360	5289.42	-3.59	3.62	-1.54	32°15'13.5309"N	104°01'49.4628"W	7.79	5.824	1.78	1.78	1.38	
5385.00	6.110	6.380	5383.93	-13.23	13.25	-0.47	32°15'13.6261"N	104°01'49.4500"W	9.68	6.370	0.55	0.55	0.02	
5480.00	5.820	6.560	5478.41	-23.06	23.06	0.64	32°15'13.7231"N	104°01'49.4367"W	9.87	6.468	0.31	-0.31	0.19	
5575.00	5.890	5.000	5572.92	-32.72	32.70	1.62	32°15'13.8185"N	104°01'49.4251"W	9.69	5.775	0.18	0.07	-1.64	



Actual Wellpath Report

Depth CC 6-7 Federal Com 41H_awp 72.09'-20637' Proj: 20662'

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5670.00	5.830	2.450	5667.42	-42.41	42.37	2.25	32°15'13.9142"N	104°01'49.4174"W	9.70	3.732	0.28	-0.06	-2.68	
5765.00	5.700	3.250	5761.94	-51.95	51.90	2.72	32°15'14.0085"N	104°01'49.4116"W	9.54	2.846	0.16	-0.14	0.84	
5860.00	4.110	3.230	5856.59	-60.07	60.01	3.18	32°15'14.0887"N	104°01'49.4060"W	8.12	3.242	1.67	-1.67	-0.02	
5955.00	1.960	356.900	5951.45	-65.09	65.03	3.29	32°15'14.1384"N	104°01'49.4046"W	5.02	1.186	2.29	-2.26	-6.66	
6049.00	0.190	359.810	6045.43	-66.85	66.80	3.20	32°15'14.1559"N	104°01'49.4055"W	1.76	357.157	1.88	-1.88	3.10	
6144.00	0.090	64.130	6140.43	-67.04	66.99	3.26	32°15'14.1577"N	104°01'49.4048"W	0.20	19.314	0.18	-0.11	67.71	
6239.00	0.050	31.850	6235.43	-67.11	67.05	3.35	32°15'14.1584"N	104°01'49.4037"W	0.11	52.717	0.06	-0.04	-33.98	
6334.00	0.090	326.070	6330.43	-67.21	67.15	3.33	32°15'14.1594"N	104°01'49.4039"W	0.10	348.492	0.09	0.04	-69.24	
6428.00	0.100	328.270	6424.43	-67.33	67.28	3.25	32°15'14.1607"N	104°01'49.4049"W	0.16	327.228	0.01	0.01	2.34	
6523.00	0.070	104.160	6519.43	-67.39	67.34	3.26	32°15'14.1612"N	104°01'49.4048"W	0.06	12.678	0.17	-0.03	143.04	
6618.00	0.080	93.090	6614.43	-67.38	67.32	3.38	32°15'14.1610"N	104°01'49.4033"W	0.12	98.255	0.02	0.01	-11.65	
6713.00	0.040	350.910	6709.43	-67.41	67.35	3.45	32°15'14.1613"N	104°01'49.4026"W	0.07	64.439	0.10	-0.04	-107.56	
6807.00	0.060	27.860	6803.43	-67.48	67.43	3.46	32°15'14.1621"N	104°01'49.4024"W	0.08	13.208	0.04	0.02	39.31	
6902.00	0.040	247.300	6898.43	-67.51	67.46	3.46	32°15'14.1624"N	104°01'49.4025"W	0.03	346.740	0.10	-0.02	-147.96	
6997.00	0.140	17.850	6993.43	-67.61	67.55	3.46	32°15'14.1633"N	104°01'49.4024"W	0.10	2.921	0.18	0.11	137.42	
7092.00	0.250	190.090	7088.43	-67.52	67.46	3.46	32°15'14.1624"N	104°01'49.4025"W	0.09	180.449	0.41	0.12	181.31	
7187.00	0.200	202.290	7183.43	-67.16	67.10	3.36	32°15'14.1589"N	104°01'49.4036"W	0.37	195.510	0.07	-0.05	12.84	
7281.00	0.620	156.090	7277.42	-66.54	66.49	3.50	32°15'14.1528"N	104°01'49.4020"W	0.63	166.866	0.53	0.45	-49.15	
7376.00	1.720	100.340	7372.41	-65.85	65.76	5.12	32°15'14.1456"N	104°01'49.3832"W	1.77	114.254	1.54	1.16	-58.68	
7471.00	2.900	70.150	7467.33	-66.49	66.32	8.78	32°15'14.1510"N	104°01'49.3406"W	3.71	81.306	1.74	1.24	-31.78	
7566.00	3.350	39.270	7562.19	-69.54	69.29	12.80	32°15'14.1802"N	104°01'49.2937"W	4.99	53.572	1.81	0.47	-32.51	
7661.00	2.480	29.840	7657.07	-73.53	73.22	15.58	32°15'14.2190"N	104°01'49.2612"W	4.82	35.260	1.04	-0.92	-9.93	
7755.00	2.240	26.210	7750.99	-76.97	76.63	17.40	32°15'14.2528"N	104°01'49.2398"W	3.87	28.117	0.30	-0.26	-3.86	
7850.00	1.780	28.170	7845.93	-79.97	79.60	18.92	32°15'14.2821"N	104°01'49.2221"W	3.33	27.078	0.49	-0.48	2.06	
7945.00	0.920	41.640	7940.91	-81.87	81.47	20.12	32°15'14.3005"N	104°01'49.2080"W	2.22	32.751	0.96	-0.91	14.18	
8039.00	0.460	73.180	8034.90	-82.56	82.14	20.98	32°15'14.3072"N	104°01'49.1979"W	1.09	52.033	0.62	-0.49	33.55	
8134.00	0.390	269.740	8129.90	-82.67	82.25	21.02	32°15'14.3083"N	104°01'49.1975"W	0.12	20.965	0.89	-0.07	-172.04	
8229.00	0.650	265.340	8224.89	-82.60	82.20	20.16	32°15'14.3078"N	104°01'49.2075"W	0.86	266.990	0.28	0.27	-4.63	
8324.00	1.680	268.040	8319.87	-82.47	82.11	18.23	32°15'14.3070"N	104°01'49.2299"W	1.93	267.287	1.09	1.08	2.84	
8419.00	3.250	268.540	8414.78	-82.27	82.00	14.15	32°15'14.3060"N	104°01'49.2775"W	4.09	268.370	1.65	1.65	0.53	



Actual Wellpath Report

Depth CC 6-7 Federal Com 41H_ awp 72.09'-20637' Proj: 20662'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA, Inc.	Well	Depth CC 6-7 Federal Com 41H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46777-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 41H AWB
Slot	Depth CC 6-7 Federal Com 41H		

WELLPATH DATA (217 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Polar Radius [ft]	Polar Bearing [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
8514.00	4.570	267.970	8509.56	-81.94	81.79	7.68	32°15'14.3041"N	104°01'49.3529"W	6.48	268.207	1.39	1.39	-0.60	
8608.00	5.310	269.110	8603.21	-81.57	81.59	-0.42	32°15'14.3024"N	104°01'49.4471"W	8.09	268.583	0.79	0.79	1.21	
8703.00	4.910	271.360	8697.83	-81.42	81.62	-8.88	32°15'14.3029"N	104°01'49.5456"W	8.46	270.191	0.47	-0.42	2.37	
8798.00	4.640	271.080	8792.50	-81.42	81.79	-16.78	32°15'14.3048"N	104°01'49.6377"W	7.91	271.224	0.29	-0.28	-0.29	
8893.00	5.060	270.460	8887.16	-81.36	81.90	-24.81	32°15'14.3061"N	104°01'49.7312"W	8.03	270.757	0.45	0.44	-0.65	
8987.00	5.120	271.900	8980.79	-81.36	82.07	-33.15	32°15'14.3080"N	104°01'49.8283"W	8.34	271.184	0.15	0.06	1.53	
9082.00	4.610	284.120	9075.45	-82.27	83.14	-41.09	32°15'14.3188"N	104°01'49.9207"W	8.01	277.689	1.21	-0.54	12.86	
9177.00	4.290	302.600	9170.17	-84.98	85.99	-47.79	32°15'14.3472"N	104°01'49.9986"W	7.28	293.026	1.54	-0.34	19.45	
9272.00	4.760	314.990	9264.88	-89.56	90.69	-53.57	32°15'14.3938"N	104°01'50.0657"W	7.45	309.117	1.14	0.49	13.04	
9366.00	6.150	306.690	9358.45	-95.18	96.45	-60.36	32°15'14.4511"N	104°01'50.1447"W	8.91	310.312	1.70	1.48	-8.83	
9461.00	7.690	294.280	9452.76	-100.63	102.11	-70.24	32°15'14.5073"N	104°01'50.2595"W	11.38	299.795	2.25	1.62	-13.06	
9556.00	9.610	288.210	9546.68	-105.44	107.20	-83.57	32°15'14.5581"N	104°01'50.4145"W	14.27	290.910	2.24	2.02	-6.39	
9651.00	11.290	288.920	9640.10	-110.60	112.69	-99.90	32°15'14.6129"N	104°01'50.6045"W	17.23	288.593	1.77	1.77	0.75	
9745.00	10.800	288.240	9732.36	-115.98	118.43	-116.97	32°15'14.6702"N	104°01'50.8031"W	18.01	288.587	0.54	-0.52	-0.72	
9840.00	10.850	286.320	9825.67	-120.92	123.73	-134.00	32°15'14.7231"N	104°01'51.0013"W	17.84	287.278	0.38	0.05	-2.02	
9892.00	10.560	285.790	9876.76	-123.40	126.40	-143.28	32°15'14.7498"N	104°01'51.1093"W	9.66	286.059	0.59	-0.56	-1.02	
10005.00	10.610	285.430	9987.84	-128.57	131.99	-163.27	32°15'14.8056"N	104°01'51.3419"W	20.76	285.610	0.07	0.04	-0.32	8-1/2" BKR ATC MWD Surveys 10005'-20637'
10100.00	13.260	245.570	10080.93	-126.01	129.81	-181.66	32°15'14.7845"N	104°01'51.5560"W	18.51	263.228	8.91	2.79	-41.96	
10194.00	20.990	213.140	10170.89	-106.99	111.18	-200.75	32°15'14.6008"N	104°01'51.7789"W	26.67	225.706	12.78	8.22	-34.50	
10216.00†	23.028	208.340	10191.28	-99.82	104.10	-204.94	32°15'14.5307"N	104°01'51.8280"W	8.24	210.635	12.35	9.27	-21.82	FTP/100'FNL Crossing:10216.00ft MD
10289.00	30.520	197.090	10256.45	-69.22	73.75	-217.20	32°15'14.2308"N	104°01'51.9717"W	32.73	201.983	12.35	10.26	-15.41	
10384.00	39.680	191.500	10334.11	-16.06	20.84	-230.36	32°15'13.7077"N	104°01'52.1267"W	54.52	193.976	10.21	9.64	-5.88	
10479.00	47.810	188.170	10402.70	48.83	-43.83	-241.43	32°15'13.0680"N	104°01'52.2577"W	65.61	189.711	8.89	8.56	-3.51	
10574.00	56.060	185.960	10461.22	123.17	-117.99	-250.54	32°15'12.3344"N	104°01'52.3662"W	74.72	187.003	8.87	8.68	-2.33	
10668.00	64.470	183.960	10507.81	204.54	-199.24	-257.53	32°15'11.5307"N	104°01'52.4503"W	81.54	184.918	9.13	8.95	-2.13	
10763.00	72.160	182.820	10542.88	292.69	-287.29	-262.72	32°15'10.6595"N	104°01'52.5136"W	88.21	183.375	8.17	8.09	-1.20	
10858.00	79.540	182.600	10566.09	384.71	-379.24	-267.07	32°15'9.7498"N	104°01'52.5673"W	92.05	182.708	7.77	7.77	-0.23	
10953.00	83.930	181.040	10579.75	478.69	-473.18	-270.05	32°15'8.8203"N	104°01'52.6051"W	93.99	181.816	4.90	4.62	-1.64	
11048.00	89.280	178.750	10585.37	573.46	-567.98	-269.87	32°15'7.8824"N	104°01'52.6061"W	94.79	179.892	6.12	5.63	-2.41	
11143.00	89.770	178.880	10586.16	668.37	-662.95	-267.91	32°15'6.9425"N	104°01'52.5863"W	95.00	178.815	0.53	0.52	0.14	



Actual Wellpath Report

Depth CC 6-7 Federal Com 41H_ awp 72.09'-20637' Proj: 20662'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA, Inc.	Well	Depth CC 6-7 Federal Com 41H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46777-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 41H AWB
Slot	Depth CC 6-7 Federal Com 41H		

WELLPATH DATA (217 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Polar Radius [ft]	Polar Bearing [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
11237.00	90.050	178.990	10586.31	762.30	-756.94	-266.16	32°15'6.0125"N	104°01'52.5690"W	94.00	178.935	0.32	0.30	0.12	
11332.00	89.640	178.960	10586.56	857.23	-851.92	-264.46	32°15'5.0726"N	104°01'52.5524"W	95.00	178.975	0.43	-0.43	-0.03	
11427.00	89.800	178.960	10587.03	952.16	-946.90	-262.74	32°15'4.1327"N	104°01'52.5354"W	95.00	178.960	0.17	0.17	0.00	
11522.00	89.210	178.710	10587.85	1047.07	-1041.88	-260.81	32°15'3.1928"N	104°01'52.5160"W	95.00	178.835	0.67	-0.62	-0.26	
11617.00	89.370	178.440	10589.03	1141.96	-1136.84	-258.44	32°15'2.2531"N	104°01'52.4916"W	94.99	178.575	0.33	0.17	-0.28	
11712.00	89.640	178.750	10589.85	1236.86	-1231.81	-256.11	32°15'1.3133"N	104°01'52.4676"W	95.00	178.595	0.43	0.28	0.33	
11807.00	89.520	178.810	10590.54	1331.78	-1326.79	-254.09	32°15'0.3734"N	104°01'52.4472"W	95.00	178.780	0.14	-0.13	0.06	
11902.00	89.830	178.700	10591.08	1426.69	-1421.76	-252.03	32°14'59.4336"N	104°01'52.4263"W	95.00	178.755	0.35	0.33	-0.12	
11996.00	89.920	179.800	10591.29	1520.63	-1515.75	-250.80	32°14'58.5035"N	104°01'52.4150"W	94.00	179.250	1.17	0.10	1.17	
12091.00	89.550	180.120	10591.73	1615.61	-1610.75	-250.73	32°14'57.5635"N	104°01'52.4173"W	95.00	179.960	0.51	-0.39	0.34	
12186.00	89.210	179.870	10592.75	1710.58	-1705.75	-250.72	32°14'56.6235"N	104°01'52.4204"W	94.99	179.995	0.44	-0.36	-0.26	
12281.00	90.480	179.980	10593.01	1805.56	-1800.74	-250.60	32°14'55.6835"N	104°01'52.4220"W	95.00	179.925	1.34	1.34	0.12	
12376.00	88.350	180.040	10593.98	1900.53	-1895.73	-250.61	32°14'54.7436"N	104°01'52.4253"W	94.99	180.010	2.24	-2.24	0.06	
12471.00	90.720	180.060	10594.75	1995.50	-1990.72	-250.70	32°14'53.8037"N	104°01'52.4294"W	94.99	180.050	2.49	2.49	0.02	
12566.00	89.800	180.390	10594.32	2090.48	-2085.72	-251.07	32°14'52.8637"N	104°01'52.4369"W	95.00	180.225	1.03	-0.97	0.35	
12660.00	91.550	180.070	10593.21	2184.46	-2179.71	-251.45	32°14'51.9336"N	104°01'52.4443"W	93.99	180.230	1.89	1.86	-0.34	
12755.00	89.890	179.760	10592.02	2279.43	-2274.70	-251.31	32°14'50.9937"N	104°01'52.4458"W	94.99	179.915	1.78	-1.75	-0.33	
12850.00	90.320	179.780	10591.85	2374.40	-2369.70	-250.93	32°14'50.0537"N	104°01'52.4445"W	95.00	179.770	0.45	0.45	0.02	
12945.00	90.780	179.890	10590.93	2469.37	-2464.69	-250.65	32°14'49.1137"N	104°01'52.4444"W	95.00	179.835	0.50	0.48	0.12	
13039.00	90.350	179.690	10590.01	2563.33	-2558.69	-250.31	32°14'48.1836"N	104°01'52.4435"W	94.00	179.790	0.50	-0.46	-0.21	
13081.00	90.110	179.540	10589.84	2605.32	-2600.68	-250.02	32°14'47.7680"N	104°01'52.4416"W	42.00	179.615	0.67	-0.57	-0.36	
13176.00	91.770	181.750	10588.28	2700.29	-2695.66	-251.09	32°14'46.8283"N	104°01'52.4571"W	94.98	180.645	2.91	1.75	2.33	
13270.00	90.200	179.840	10586.66	2794.27	-2789.63	-252.40	32°14'45.8985"N	104°01'52.4754"W	93.98	180.795	2.63	-1.67	-2.03	
13365.00	89.370	178.690	10587.02	2889.21	-2884.62	-251.18	32°14'44.9585"N	104°01'52.4643"W	95.00	179.265	1.49	-0.87	-1.21	
13460.00	89.960	178.520	10587.58	2984.11	-2979.59	-248.87	32°14'44.0187"N	104°01'52.4405"W	95.00	178.605	0.65	0.62	-0.18	
13555.00	90.940	178.650	10586.83	3079.01	-3074.55	-246.52	32°14'43.0790"N	104°01'52.4163"W	95.00	178.585	1.04	1.03	0.14	
13650.00	91.620	179.080	10584.71	3173.91	-3169.51	-244.64	32°14'42.1393"N	104°01'52.3975"W	94.98	178.865	0.85	0.72	0.45	
13744.00	88.080	177.860	10584.95	3267.78	-3263.46	-242.13	32°14'41.2096"N	104°01'52.3713"W	93.98	178.470	3.98	-3.77	-1.30	
13839.00	89.620	179.670	10586.86	3362.67	-3358.41	-240.08	32°14'40.2700"N	104°01'52.3506"W	94.97	178.765	2.50	1.62	1.91	
13934.00	90.360	179.600	10586.88	3457.64	-3453.41	-239.48	32°14'39.3300"N	104°01'52.3467"W	95.00	179.635	0.78	0.78	-0.07	



Actual Wellpath Report

Depth CC 6-7 Federal Com 41H_ awp 72.09'-20637' Proj: 20662'
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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA, Inc.	Well	Depth CC 6-7 Federal Com 41H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46777-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 41H AWB
Slot	Depth CC 6-7 Federal Com 41H		

WELLPATH DATA (217 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Polar Radius [ft]	Polar Bearing [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
14028.00	90.760	179.200	10585.96	3551.59	-3547.40	-238.49	32°14'38.3999"N	104°01'52.3383"W	94.00	179.400	0.60	0.43	-0.43	
14123.00	89.030	179.630	10586.13	3646.54	-3642.39	-237.52	32°14'37.4599"N	104°01'52.3301"W	95.00	179.415	1.88	-1.82	0.45	
14313.00	90.850	179.620	10586.33	3836.46	-3832.38	-236.28	32°14'35.5799"N	104°01'52.3219"W	189.99	179.625	0.96	0.96	-0.01	
14408.00	91.680	179.950	10584.23	3931.40	-3927.35	-235.92	32°14'34.6402"N	104°01'52.3208"W	94.98	179.785	0.94	0.87	0.35	
14503.00	92.180	179.920	10581.03	4026.33	-4022.30	-235.82	32°14'33.7007"N	104°01'52.3227"W	94.95	179.935	0.53	0.53	-0.03	
14597.00	90.790	179.340	10578.60	4120.26	-4116.26	-235.21	32°14'32.7709"N	104°01'52.3187"W	93.97	179.630	1.60	-1.48	-0.62	
14692.00	90.360	179.410	10577.64	4215.21	-4211.25	-234.17	32°14'31.8309"N	104°01'52.3097"W	94.99	179.375	0.46	-0.45	0.07	
14787.00	90.170	179.560	10577.21	4310.16	-4306.25	-233.32	32°14'30.8909"N	104°01'52.3029"W	95.00	179.485	0.25	-0.20	0.16	
14882.00	90.420	179.630	10576.72	4405.12	-4401.24	-232.65	32°14'29.9509"N	104°01'52.2982"W	95.00	179.595	0.27	0.26	0.07	
15071.00	89.160	179.400	10577.41	4594.04	-4590.23	-231.05	32°14'28.0808"N	104°01'52.2858"W	188.99	179.515	0.68	-0.67	-0.12	
15166.00	91.710	179.560	10576.69	4688.99	-4685.22	-230.19	32°14'27.1409"N	104°01'52.2788"W	94.99	179.480	2.69	2.68	0.17	
15261.00	89.370	179.640	10575.79	4783.94	-4780.20	-229.52	32°14'26.2010"N	104°01'52.2742"W	94.99	179.600	2.46	-2.46	0.08	
15356.00	89.530	179.470	10576.70	4878.90	-4875.20	-228.78	32°14'25.2610"N	104°01'52.2688"W	95.00	179.555	0.25	0.17	-0.18	
15451.00	90.880	179.960	10576.36	4973.86	-4970.19	-228.31	32°14'24.3210"N	104°01'52.2664"W	95.00	179.715	1.51	1.42	0.52	
15545.00	89.400	179.800	10576.13	5067.83	-5064.19	-228.11	32°14'23.3909"N	104°01'52.2672"W	94.00	179.880	1.58	-1.57	-0.17	
15640.00	92.140	180.950	10574.86	5162.80	-5159.17	-228.74	32°14'22.4510"N	104°01'52.2775"W	94.98	180.375	3.13	2.88	1.21	
15735.00	90.450	179.930	10572.71	5257.77	-5254.13	-229.47	32°14'21.5114"N	104°01'52.2891"W	94.97	180.440	2.08	-1.78	-1.07	
15830.00	86.260	179.340	10575.44	5352.67	-5349.07	-228.86	32°14'20.5719"N	104°01'52.2852"W	94.94	179.635	4.45	-4.41	-0.62	
15925.00	87.490	179.460	10580.62	5447.48	-5443.92	-227.87	32°14'19.6333"N	104°01'52.2767"W	94.86	179.400	1.30	1.29	0.13	
16019.00	90.970	179.320	10581.88	5541.41	-5537.90	-226.87	32°14'18.7034"N	104°01'52.2681"W	93.98	179.390	3.71	3.70	-0.15	
16114.00	90.670	179.580	10580.52	5636.36	-5632.88	-225.96	32°14'17.7635"N	104°01'52.2606"W	94.99	179.450	0.42	-0.32	0.27	
16209.00	90.450	179.590	10579.59	5731.32	-5727.87	-225.27	32°14'16.8235"N	104°01'52.2557"W	95.00	179.585	0.23	-0.23	0.01	
16304.00	88.660	179.640	10580.33	5826.27	-5822.87	-224.63	32°14'15.8836"N	104°01'52.2514"W	94.99	179.615	1.88	-1.88	0.05	
16398.00	86.200	179.790	10584.54	5920.14	-5916.76	-224.16	32°14'14.9544"N	104°01'52.2491"W	93.90	179.715	2.62	-2.62	0.16	
16525.00	88.720	179.770	10590.17	6046.97	-6043.63	-223.67	32°14'13.6991"N	104°01'52.2475"W	126.86	179.780	1.98	1.98	-0.02	
16588.00	90.390	179.340	10590.66	6109.94	-6106.62	-223.19	32°14'13.0758"N	104°01'52.2439"W	63.00	179.555	2.74	2.65	-0.68	
16683.00	90.200	179.350	10590.17	6204.89	-6201.61	-222.10	32°14'12.1358"N	104°01'52.2344"W	95.00	179.345	0.20	-0.20	0.01	
16777.00	90.420	179.510	10589.66	6298.84	-6295.61	-221.16	32°14'11.2057"N	104°01'52.2266"W	94.00	179.430	0.29	0.23	0.17	
16872.00	89.710	179.390	10589.56	6393.80	-6390.60	-220.25	32°14'10.2657"N	104°01'52.2191"W	95.00	179.450	0.76	-0.75	-0.13	
16967.00	90.330	179.670	10589.52	6488.76	-6485.60	-219.47	32°14'9.3256"N	104°01'52.2131"W	95.00	179.530	0.72	0.65	0.29	



Actual Wellpath Report

Depth CC 6-7 Federal Com 41H_ awp 72.09'-20637' Proj: 20662'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA, Inc.	Well	Depth CC 6-7 Federal Com 41H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46777-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 41H AWB
Slot	Depth CC 6-7 Federal Com 41H		

WELLPATH DATA (217 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Polar Radius [ft]	Polar Bearing [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
17156.00	91.220	179.530	10586.97	6677.67	-6674.57	-218.15	32°14'7.4557"N	104°01'52.2039"W	188.98	179.600	0.48	0.47	-0.07	
17251.00	90.200	179.310	10585.79	6772.61	-6769.56	-217.19	32°14'6.5157"N	104°01'52.1958"W	94.99	179.420	1.10	-1.07	-0.23	
17346.00	90.910	179.400	10584.87	6867.56	-6864.55	-216.12	32°14'5.5758"N	104°01'52.1865"W	94.99	179.355	0.75	0.75	0.09	
17441.00	90.600	179.380	10583.62	6962.50	-6959.54	-215.11	32°14'4.6359"N	104°01'52.1778"W	94.99	179.390	0.33	-0.33	-0.02	
17535.00	90.730	180.320	10582.53	7056.47	-7053.53	-214.87	32°14'3.7058"N	104°01'52.1781"W	93.99	179.850	1.01	0.14	1.00	
17630.00	91.470	180.480	10580.70	7151.44	-7148.51	-215.53	32°14'2.7660"N	104°01'52.1889"W	94.98	180.400	0.80	0.78	0.17	
17725.00	90.570	180.270	10579.01	7246.42	-7243.49	-216.15	32°14'1.8261"N	104°01'52.1992"W	94.98	180.375	0.97	-0.95	-0.22	
17820.00	90.390	180.410	10578.22	7341.40	-7338.48	-216.71	32°14'0.8862"N	104°01'52.2089"W	95.00	180.340	0.24	-0.19	0.15	
17915.00	90.880	180.460	10577.16	7436.39	-7433.48	-217.44	32°13'59.9462"N	104°01'52.2204"W	94.99	180.435	0.52	0.52	0.05	
18009.00	89.830	180.230	10576.58	7530.37	-7527.47	-218.00	32°13'59.0162"N	104°01'52.2301"W	94.00	180.345	1.14	-1.12	-0.24	
18199.00	89.530	179.380	10577.64	7720.31	-7717.46	-217.35	32°13'57.1361"N	104°01'52.2288"W	190.00	179.805	0.47	-0.16	-0.45	
18294.00	91.530	180.530	10576.76	7815.28	-7812.45	-217.28	32°13'56.1962"N	104°01'52.2310"W	94.99	179.955	2.43	2.11	1.21	
18483.00	90.570	180.410	10573.30	8004.23	-8001.41	-218.83	32°13'54.3265"N	104°01'52.2552"W	188.97	180.470	0.51	-0.51	-0.06	
18578.00	89.990	180.470	10572.83	8099.22	-8096.41	-219.56	32°13'53.3865"N	104°01'52.2669"W	95.00	180.440	0.61	-0.61	0.06	
18673.00	90.050	181.130	10572.80	8194.22	-8191.40	-220.89	32°13'52.4466"N	104°01'52.2854"W	95.00	180.800	0.70	0.06	0.69	
18768.00	92.020	180.810	10571.09	8289.20	-8286.37	-222.49	32°13'51.5070"N	104°01'52.3072"W	94.98	180.970	2.10	2.07	-0.34	
18862.00	90.450	180.100	10569.06	8383.17	-8380.34	-223.24	32°13'50.5771"N	104°01'52.3190"W	93.97	180.455	1.83	-1.67	-0.76	
18957.00	89.620	180.580	10569.00	8478.15	-8475.33	-223.80	32°13'49.6371"N	104°01'52.3287"W	95.00	180.340	1.01	-0.87	0.51	
19146.00	91.100	181.050	10567.81	8667.14	-8664.31	-226.49	32°13'47.7673"N	104°01'52.3661"W	188.99	180.815	0.82	0.78	0.25	
19241.00	89.800	180.090	10567.07	8762.13	-8759.30	-227.44	32°13'46.8274"N	104°01'52.3803"W	94.99	180.570	1.70	-1.37	-1.01	
19336.00	90.170	179.050	10567.09	8857.09	-8854.29	-226.72	32°13'45.8874"N	104°01'52.3751"W	95.00	179.570	1.16	0.39	-1.09	
19431.00	88.290	178.670	10568.37	8952.00	-8949.26	-224.83	32°13'44.9476"N	104°01'52.3562"W	94.99	178.860	2.02	-1.98	-0.40	
19526.00	88.050	179.490	10571.40	9046.88	-9044.20	-223.31	32°13'44.0082"N	104°01'52.3415"W	94.95	179.080	0.90	-0.25	0.86	
19620.00	89.340	179.110	10573.54	9140.81	-9138.16	-222.16	32°13'43.0783"N	104°01'52.3312"W	93.97	179.300	1.43	1.37	-0.40	
19715.00	89.000	179.320	10574.92	9235.74	-9233.14	-220.86	32°13'42.1384"N	104°01'52.3192"W	94.99	179.215	0.42	-0.36	0.22	
19810.00	89.000	179.140	10576.58	9330.67	-9328.12	-219.58	32°13'41.1986"N	104°01'52.3075"W	94.99	179.230	0.19	0.00	-0.19	
19904.00	89.250	178.970	10578.01	9424.59	-9422.10	-218.03	32°13'40.2687"N	104°01'52.2925"W	93.99	179.055	0.32	0.27	-0.18	
19999.00	91.340	177.530	10577.52	9519.46	-9517.04	-215.13	32°13'39.3291"N	104°01'52.2618"W	94.99	178.250	2.67	2.20	-1.52	
20094.00	92.300	179.600	10574.51	9614.31	-9611.96	-212.75	32°13'38.3898"N	104°01'52.2373"W	94.95	178.565	2.40	1.01	2.18	
20188.00	92.080	179.400	10570.91	9708.20	-9705.89	-211.93	32°13'37.4603"N	104°01'52.2308"W	93.93	179.500	0.32	-0.23	-0.21	



Actual Wellpath Report

Depth CC 6-7 Federal Com 41H_awp 72.09'-20637' Proj: 20662'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA, Inc.	Well	Depth CC 6-7 Federal Com 41H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46777-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 41H AWB
Slot	Depth CC 6-7 Federal Com 41H		

WELLPATH DATA (217 stations) † = interpolated, ‡ = extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	Polar Radius [ft]	Polar Bearing [°]	DLS [°/100ft]	Build Rate [°/100ft]	Turn Rate [°/100ft]	Comments
20283.00	91.220	179.300	10568.18	9803.11	-9800.84	-210.86	32°13'36.5207"N	104°01'52.2214"W	94.96	179.350	0.91	-0.91	-0.11	
20378.00	91.030	179.630	10566.31	9898.05	-9895.82	-209.97	32°13'35.5809"N	104°01'52.2141"W	94.98	179.465	0.40	-0.20	0.35	
20472.00	91.250	179.410	10564.44	9991.99	-9989.80	-209.18	32°13'34.6510"N	104°01'52.2080"W	93.98	179.520	0.33	0.23	-0.23	
20567.00	91.310	179.220	10562.32	10086.91	-10084.77	-208.05	32°13'33.7112"N	104°01'52.1979"W	94.98	179.315	0.21	0.06	-0.20	
20606.00†	91.137	179.270	10561.49	10125.88	-10123.75	-207.53	32°13'33.3254"N	104°01'52.1932"W	38.99	179.245	0.46	-0.44	0.13	LTP/330'FSL Crossing: 20606.00ft MD
20637.00	91.000	179.310	10560.91	10156.86	-10154.75	-207.15	32°13'33.0187"N	104°01'52.1898"W	30.99	179.290	0.46	-0.44	0.13	
20662.00‡	91.000	179.310	10560.47	10181.84	-10179.74	-206.85	32°13'32.7714"N	104°01'52.1871"W	25.00	179.310	0.00	0.00	0.00	Projection to TD: 20662.00ft MD



Actual Wellpath Report

Depth CC 6-7 Federal Com 41H_awp 72.09'-20637' Proj: 20662'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA, Inc.	Well	Depth CC 6-7 Federal Com 41H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46777-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 41H AWB
Slot	Depth CC 6-7 Federal Com 41H		

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 41H - KOP	10554.67	154.81	-272.36	634711.10	456333.94	32°15'15.0345"N	104°01'52.6114"W	point
Depth CC 6-7 Fed Com 41H - FTP	10554.68	104.81	-272.10	634711.36	456283.94	32°15'14.5397"N	104°01'52.6100"W	point
Depth CC 6-7 Fed Com 41H - 4350'VS	10555.46	-4345.77	-248.86	634734.60	451833.73	32°14'30.5003"N	104°01'52.4851"W	point
Depth CC 6-7 Fed Com 41H - PBHL	10555.52	-10434.03	-217.06	634766.40	445745.97	32°13'30.2554"N	104°01'52.3143"W	point
Depth CC 6-7 Fed Com 41H - LTP	10558.23	-10124.01	-218.68	634764.78	446055.97	32°13'33.3232"N	104°01'52.3230"W	point
Depth CC 6-7 Fed Com 41H - 7575' VS	10580.27	-7571.82	-232.01	634751.45	448607.95	32°13'58.5777"N	104°01'52.3946"W	point

WELLPATH COMPOSITION - Ref Wellbore: Depth CC 6-7 Federal Com 41H AWB Ref Wellpath: Depth CC 6-7 Federal Com 41H_awp 72.09'-20637' Proj: 20662'

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
24.00	424.09	BH Generic gyro - northseeking (Standard)	Adjusted Gyrodata Gyro Surveys 72.09'-424.09' (Imported)	Depth CC 6-7 Federal Com 41H AWB
424.09	9892.00	Custom OWSG MWD+IFR1+SAG+FDIR (Approximation)	PHX MWD Surveys 485'-9892' (Imported)	Depth CC 6-7 Federal Com 41H AWB
9892.00	20662.00	Custom OWSG MWD+IFR1+SAG+FDIR (Approximation)	8-1/2" BKR ATC MWD Surveys 10005'-20637'	Depth CC 6-7 Federal Com 41H AWB



Actual Wellpath Report

Depth CC 6-7 Federal Com 41H_ awp 72.09'-20637' Proj: 20662'

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REFERENCE WELLPATH IDENTIFICATION

Operator	Oxy USA, Inc.	Well	Depth CC 6-7 Federal Com 41H
Field	Purple Sage Wolfcamp (Gas) - Eddy County, NM	API	30-015-46777-00
Facility	Dimensions WCL 31 Pad	Wellbore	Depth CC 6-7 Federal Com 41H AWB
Slot	Depth CC 6-7 Federal Com 41H		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
72.09	0.570	223.500	72.09	Adjusted Gyrodata Gyro Surveys 72.09'-424.09' (Imported)
485.00	1.030	188.580	484.96	PHX MWD Surveys 485'-9892' (Imported)
10005.00	10.610	285.430	9987.84	8-1/2" BKR ATC MWD Surveys 10005'-20637'
10216.00	23.028	208.340	10191.28	FTP/100'FNL Crossing:10216.00ft MD
20606.00	91.137	179.270	10561.49	LTP/330'FSL Crossing: 20606.00ft MD
20662.00	91.000	179.310	10560.47	Projection to TD: 20662.00ft MD

COMMENTS

Wellpath general comments

Actual Line Calls

FTP Crossing @ 10216.00ft MD: 100'FNL & 397'FWL

LTP Crossing @ 20606.00ft MD: 330'FSL & 341'FWL

Projection to TD @ 20662.00ft MD: 274'FSL & 342'FWL

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 174343

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 174343
	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 174343

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 174343
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	RT Expires 04/10/2023	2/28/2023