

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: NW - 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: 1/15/23	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
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 1/15/23	³² Gas Delivery Date 1/15/23	³³ Test Date 3/11/23	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1059
³⁷ Choke Size 59/128	³⁸ Oil 1520	³⁹ Water 5861	⁴⁰ Gas 10907		⁴¹ Test Method F

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name: JANA MENDIOLA

Title: SR. REGULATORY ANALYST

E-mail Address:
Janalyn_mendiola@oxy.comDate: 04/11/2023
Phone: 422-695-5936

OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title: PETROLEUM SPECIALIST

Approval Date: 4/21/2023

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

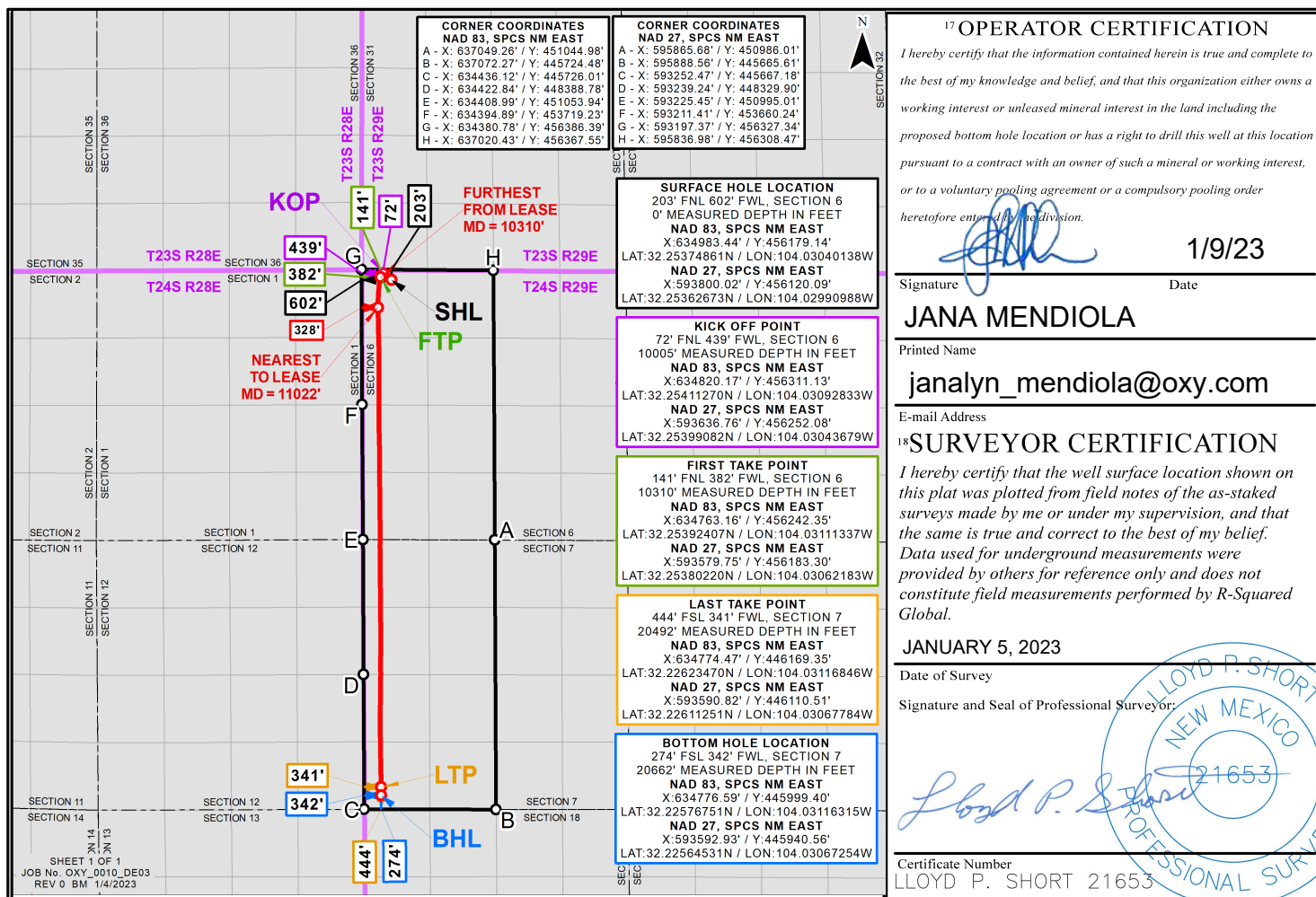
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

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.

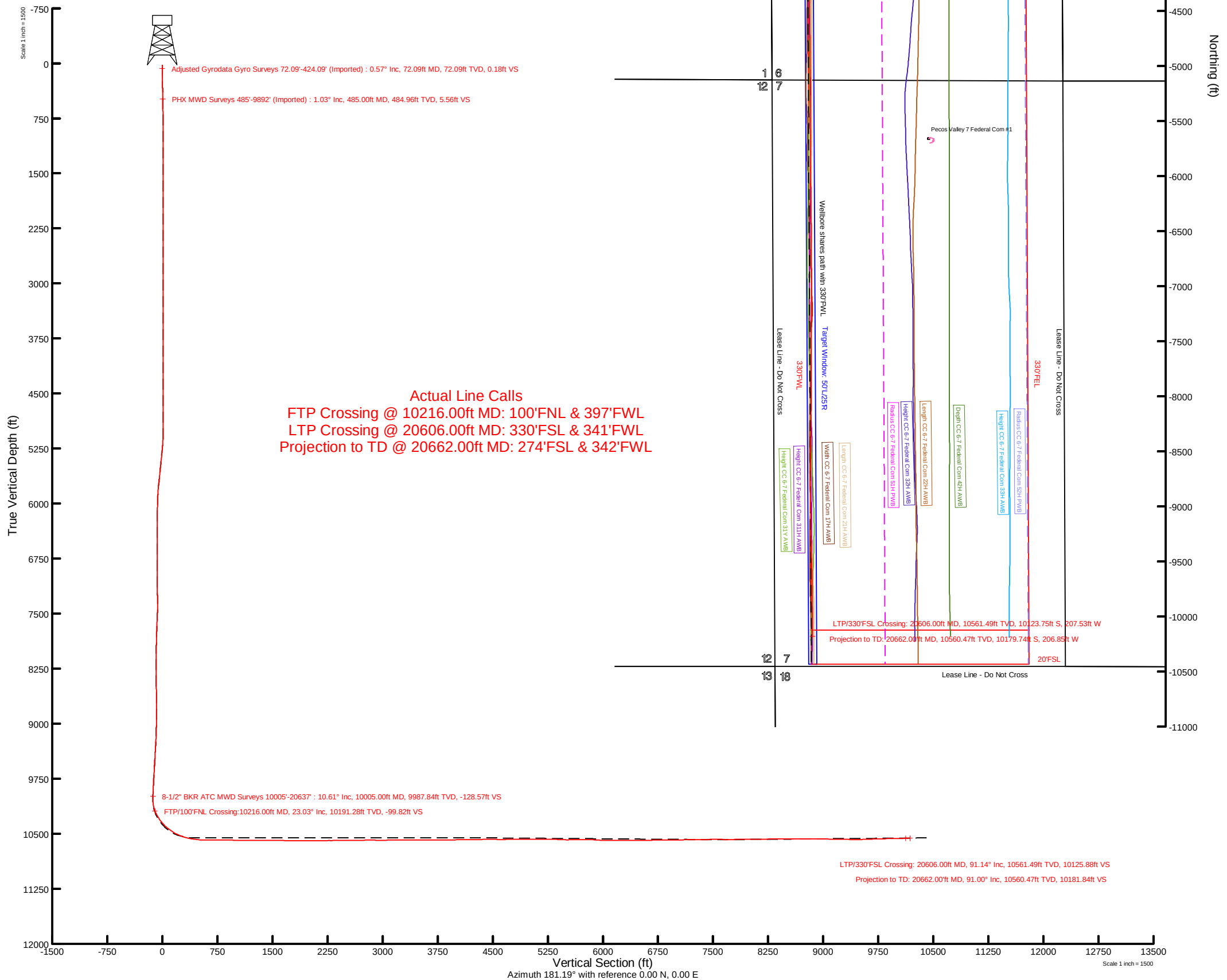
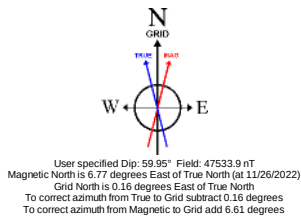


Distances/areas relative to NAD 83 Combined Scale Factor: 0.9997778 Convergence Angle: 00°08'28.5600"



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

Bottom Hole Location									
MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
20662.00	91.000	179.310	10560.47	-10179.74	-206.85	634776.61	446000.24	32°13'32.771"N	104°01'52.187"W





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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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
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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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
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

Well Name: DEPTH CC 6-7 FEDERAL COM	Well Location: T24S / R29E / SEC 6 / LOT 4 / 32.2538209 / -104.0283039	County or Parish/State: EDDY / NM
Well Number: 41H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM13996	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546777	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2723066

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 03/28/2023	Time Sundry Submitted: 01:19
Date Operation Actually Began: 12/21/2022	

Actual Procedure: RUPU 12/21/22, RIH & clean out to PBTD @ 20617', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 10310-20492' Total 1248 holes. Frac in 38 stages w/ 168139BBL Produced Water + 252323BBL Brackish Water (> 1,000 mg/I TDS and 10,000 mg/I TDS) w/ 23603490# sand, RD Liberty 1/3/23. Well ready to produce 1/10/23. OXY USA Inc. requests a tubing exception while continuing to flow back this well. The estimated date of tubing install is 08/31/2023. Formation Tops for this completion are as follows: TOP MD TVD RUSTLER 111 111 SALADO 515 515 CASTILE 1230 1230 DELAWARE 2750 2750 BELL CANYON 2781 2781 CHERRY CANYON 3641 3641 BRUSHY CANYON 4887 4887 BONE SPRING 6490 6487 1ST BONE SPRING 7479 7475 2ND BONE SPRING 8225 8221 3RD BONE SPRING 9336 9329 WOLFCAMP 9699 9687

Well Name: DEPTH CC 6-7 FEDERAL COM	Well Location: T24S / R29E / SEC 6 / LOT 4 / 32.2538209 / -104.0283039	County or Parish/State: EDDY / NM
Well Number: 41H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM13996	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001546777	Well Status: Drilling Well	Operator: OXY USA INCORPORATED

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

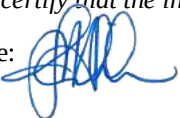
Operator Electronic Signature: JANA MENDIOLA	Signed on: MAR 28, 2023 01:19 PM
Name: OXY USA INCORPORATED	
Title: Regulatory Coordinator	
Street Address: PO BOX 50250	
City: Midland	State: TX
Phone: (432) 685-5936	
Email address: Janalyn_mendiola@oxy.com	

Field

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

BLM Point of Contact

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

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name DEPTH CC 6-7 FEDERAL COM 6. Well Number: 41H		
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: P.O. BOX 50250 MIDLAND, TX 79710						11. Pool name or Wildcat PURPLE SAGE WOLFCAMP				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	D	6	24S	29E	4	203	NORTH	602	WEST	EDDY
BH:	M	7	24S	29E	4	274	SOUTH	342	WEST	EDDY
13. Date Spudded 09/23/2022	14. Date T.D. Reached 11/29/2022		15. Date Rig Released 12/02/2022			16. Date Completed (Ready to Produce) 01/10/2023		17. Elevations (DF and RKB, RT, GR, etc.) 2967' GL		
18. Total Measured Depth of Well 20662'M 10560'V			19. Plug Back Measured Depth 20617'M 10560'V			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 10310-20492' WOLFCAMP										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13.375" J55		54.5		455'		17.5"		535sx-surf circ		
9.625" HCL80		40		9994'		12.25"		3160sx-surf circ		
7" x 5.5" P110		32#, 20#		20642'		8.5"		2393sx-TOC@4150'		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD		SIZE		DEPTH SET
26. Perforation record (interval, size, and number) Perf @ 10310-20492' Total 1248 holes, Hole Size=0.42						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10310-20492'		168139BBL Produced Water + 252323BBL Brackish Water (> 1,000 mg/l TDS and 10,000 mg/l TDS) w/ 23603490# sand		
28. PRODUCTION										
Date First Production 01/15/2023		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.				
Date of Test 03/11/2023	Hours Tested 24 hrs.	Choke Size 59/128	Prod'n For Test Period	Oil - Bbl 1520	Gas - MCF 10907	Water - Bbl. 5861	Gas - Oil Ratio 7176			
Flow Tubing Press.	Casing Pressure 1059	Calculated 24-Hour Rate	Oil - Bbl. 1520	Gas - MCF 10907	Water - Bbl. 5861	Oil Gravity - API - (Corr.)				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD								30. Test Witnessed By		
31. List Attachments WBD										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____ Longitude _____ NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief Printed										
Signature: 			Name: <u>Jana Mendiola</u>			Title: <u>Sr. Regulatory Analyst</u>			Date: <u>04/11/2023</u>	
E-mail Address: <u>janalyn_mendiola@oxy.com</u>										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Rustler 111'	T. Bell Canyon 2781'	T. Ojo Alamo	T. Penn A"
T. Salado 515'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 1230'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 2750'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 3641'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 4887'	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 Spring 6490'	T. Todilto	
T. Abo	T. 1 st Bone Spring 7479'	T. Entrada	
T. Wolfcamp 9699'	T. 2 nd Bone Spring 8225'	T. Wingate	
T. Penn	T. 3 rd Bone Spring 9336'	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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

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

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

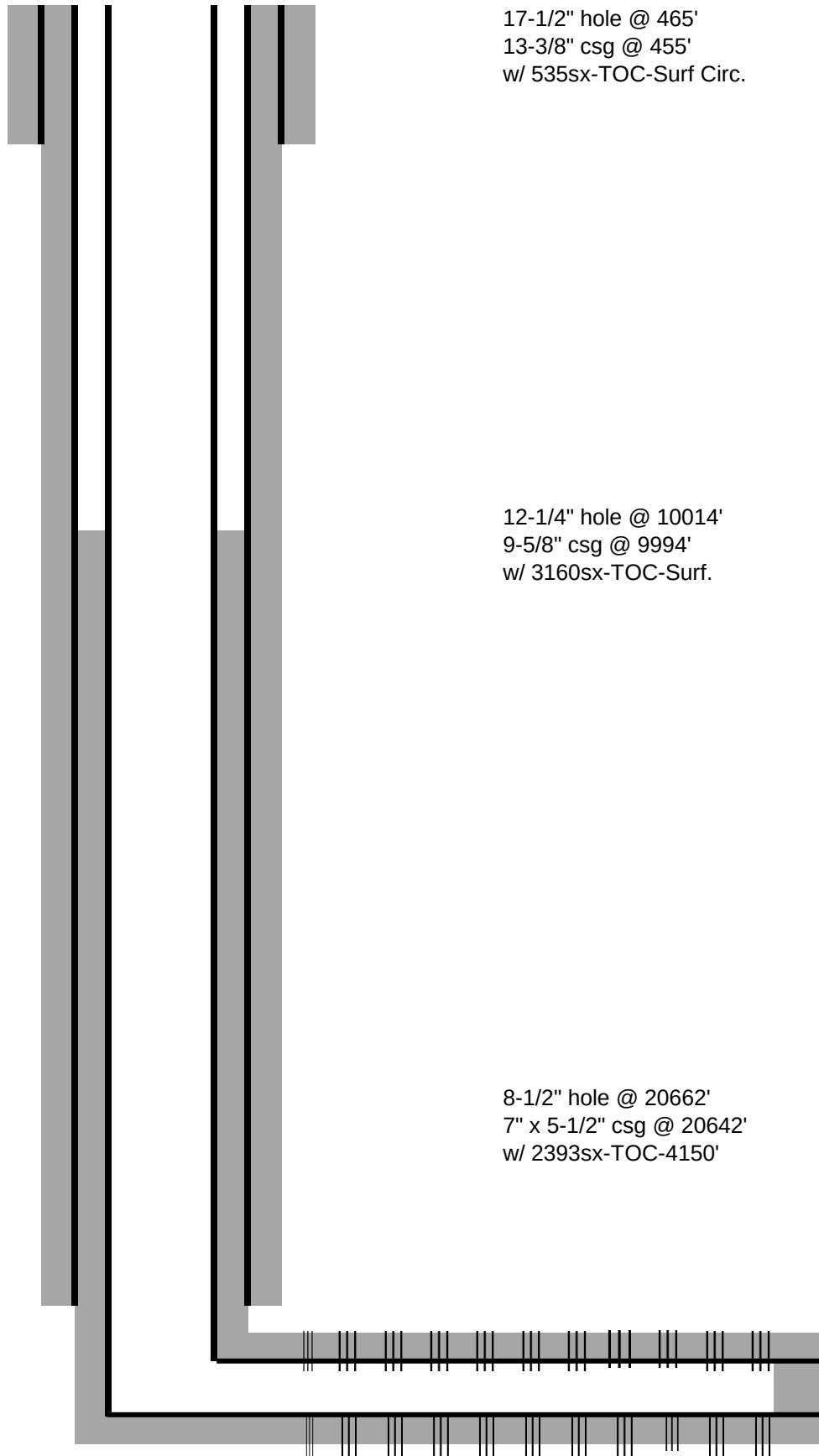
No. 4, from.....to.....

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

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

From	To	Thickness In Feet	Lithology

OXY USA Inc.
Depth CC 6-7 Federal Com 41H
API No. 30-015-46777



Perfs @ 10310-20492'

TD- 20662'M 10560'V

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

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

ACKNOWLEDGMENTS

Action 206937

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 206937
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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CONDITIONS

Action 206937

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 206937
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days to NMOCD after BLM approval.	4/21/2023