

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: NW - 10/24/2022
⁴ API Number 30 - 015-47340	⁵ Pool Name PURPLE SAGE WOLFCAMP *NSL-8390	⁶ Pool Code 98220
⁷ Property Code: 328290	⁸ Property Name: HEADS CC 9-4 FEDERAL COM	⁹ Well Number: 312H

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
B	16	24S	29E		957	NORTH	1715	EAST	EDDY

¹¹ Bottom Hole Location

FTP- 338' FSL 2352' FEL LTP- 183' FNL 2372' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L2	4	24S	29E		23	NORTH	2372	EAST	EDDY
¹² Lse Code F	¹³ Producing Method Code : P		¹⁴ Gas Connection Date: 10/26/22		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 06/22/22	²² Ready Date 10/24/2022	²³ TD 20646'M 10024'V	²⁴ PBTD 20600'M 10023'V	²⁵ Perforations 10397-20486'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2"		13-3/8"		582'	1685
12-1/4"		9-5/8"		9616'	3525
8-3/4" X 8-1/2"		7" X 5-1/2"		20626'	661
		2-7/8" TBG		9643'	NA

V. Well Test Data

³¹ Date New Oil 10/26/22	³² Gas Delivery Date 10/26/22	³³ Test Date 11/18/22	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1819
³⁷ Choke Size 128/128	³⁸ Oil 3134	³⁹ Water 6873	⁴⁰ Gas 5448		⁴¹ Test Method F

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



Signature:

Printed name: JANA MENDIOLA

Title: SR. REGULATORY ANALYST

E-mail Address:

Janalyn_mendiola@oxy.com

Date:

02/08/2023

Phone:

432-685-5036

OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title:

PETROLEUM SPECIALIST

Approval Date: 8/17/2023

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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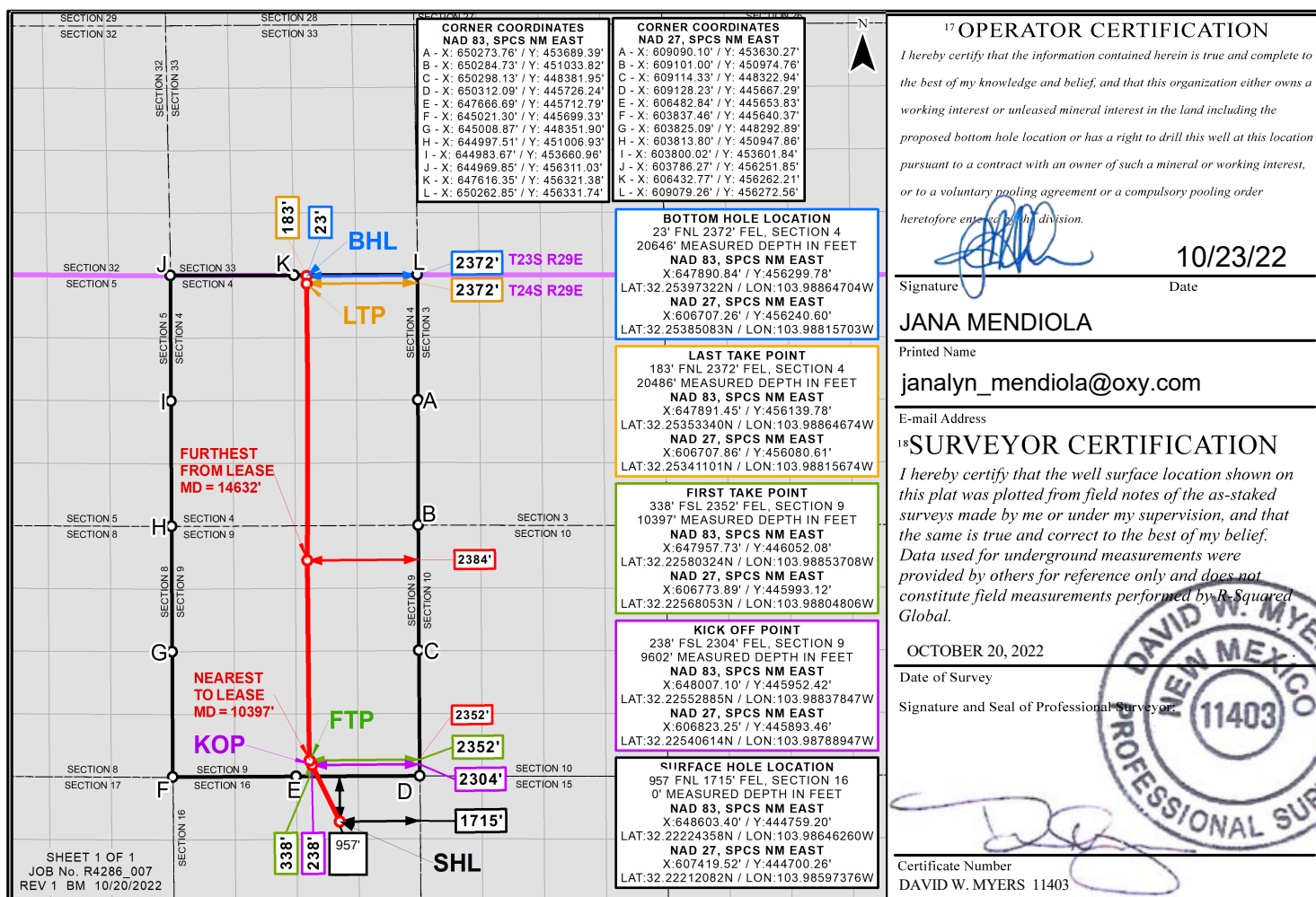
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-47340	² Pool Code 98220	³ Pool Name PURPLE SAGE WOLFCAMP
⁴ Property Code 328290	Property Name HEADS CC 9_4 FEDERAL COM	⁶ Well Number 312H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁹ Elevation 2927'

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
B	16	24S	29E		957	NORTH	1715	EAST	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 2	4	24S	29E		23	NORTH	2372	EAST	EDDY
¹² Dedicated Acres 1278.94	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-8390						

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: 0.99982819 Convergence Angle: 00°26'57.22001"

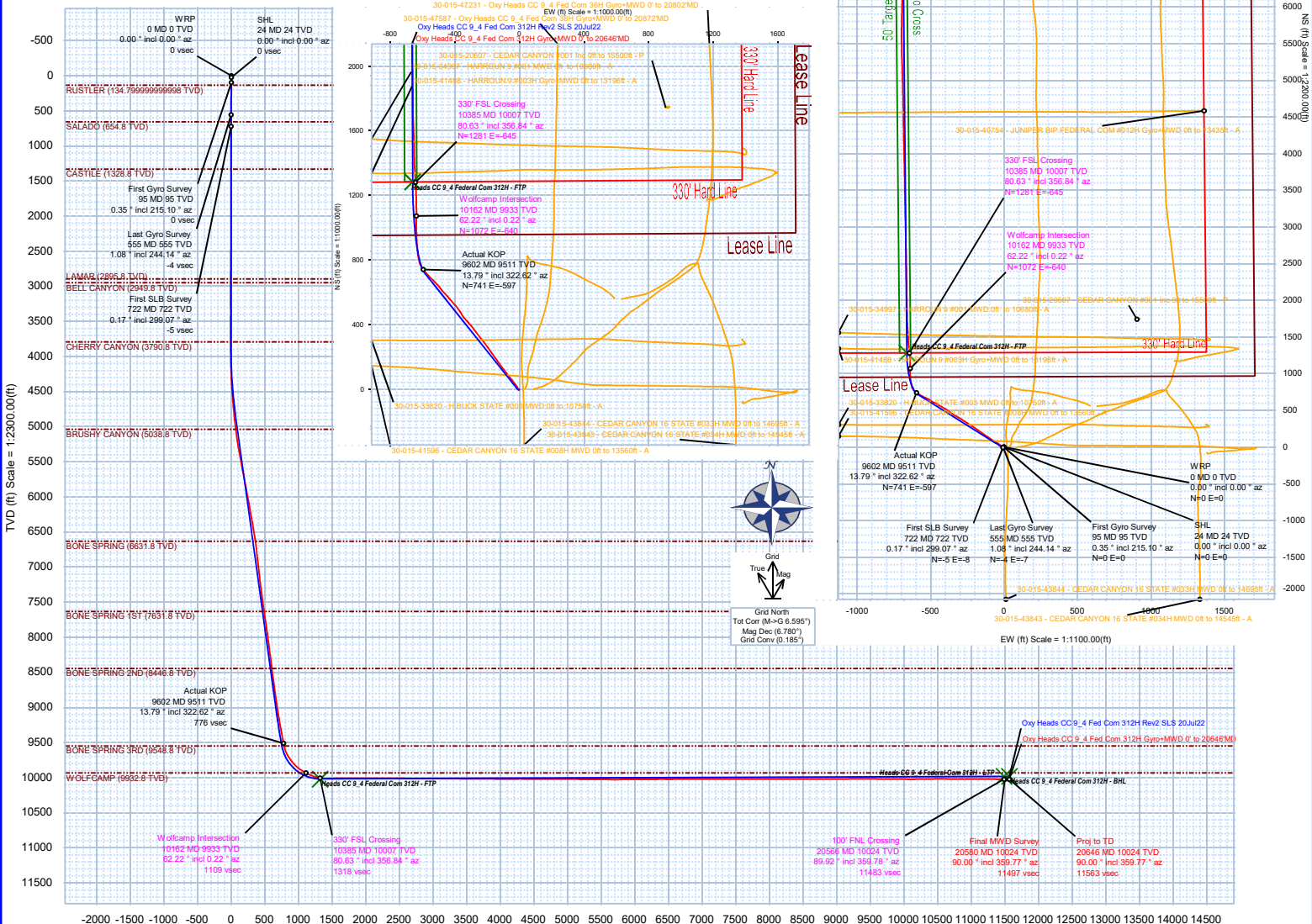
Schlumberger

OXY



Borehole:		Well:		Field:		Structure:	
Heads CC 9_4 Fed Com 312H		Heads CC 9_4 Fed Com 312H		NM Eddy County (NAD 83)		Oxy Heads CC 9_4 Federal Com Pad (Citadel 2)	
Gravity & Magnetic Parameters				Surface Location		Miscellaneous	
Model: IFR1		Dip: 59.933°		Date: 05-Sep-2022		NAD83 New Mexico State Plane, Eastern Zone, US Feet	
MagDec: 6.78°		FS: 47558.6nT		Gravity FS: 998.471mgn (9.80665 Based)		Lat: N 32 13 20.08	
						Northing: 444759.2HUS	
						Grid Conv: 0.185°	
						Scale Fact: 0.99992227	
						TVD Ref: RKB(2950.8ft above MSL)	
						Plan: Oxy Heads CC 9_4 Fed Com 312H Gyro-MWD 0' to 20646MD	

Critical Points								
Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SHL	24.00	0.00	0.00	24.00	0.00	0.00	0.00	
First Gyro Survey	95.27	0.35	215.10	95.27	-0.17	-0.18	-0.13	0.49
Last Gyro Survey	555.10	1.08	244.14	555.03	-4.07	-4.48	-6.50	0.10
First SLB Survey	722.00	0.17	299.07	721.92	-4.53	-5.04	-8.13	0.59
Actual KOP	9602.00	13.79	322.62	9511.18	776.03	740.75	-597.30	6.78
Wolfcamp Intersection	10162.09	62.22	0.22	9932.80	1109.16	1071.89	-639.74	3.18
330' FSL Crossing	10385.00	80.63	356.84	10006.77	1318.23	1281.04	-645.00	11.64
100' FNL Crossing	20566.00	89.92	359.78	10023.59	11482.69	11460.58	-712.24	0.58
Final MWD Survey	20580.00	90.00	359.77	10023.60	11496.66	11474.58	-712.29	0.58
Proj to TD	20646.00	90.00	359.77	10023.60	11562.56	11540.58	-712.56	0.00



Schlumberger



Oxy Heads CC 9_4 Fed Com 312H Gyro+MWD 0' to 20646'MD Survey Geodetic Report (Def Survey)

Report Date: September 19, 2022 - 08:09 AM
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Heads CC 9_4 Federal Com Pad (Citadel 2) / Heads CC 9_4 Fed Com 312H
Well: Heads CC 9_4 Fed Com 312H
Borehole: Heads CC 9_4 Fed Com 312H
UWI / API#: Unknown / Unknown
Survey Name: Oxy Heads CC 9_4 Fed Com 312H Gyro+MWD 0' to 20646'MD
Survey Date: June 16, 2022
Tort / AHD / DDI / ERD Ratio: 187.962' / 11785.825 ft / 6.659 / 1.175
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 13' 20.07689"; W 103° 59' 11.26536"
Location Grid N/E Y/X: N 444759.200 RUS, E 648603.400 RUS
CRS Grid Convergence Angle: 0.1850 °
Grid Scale Factor: 0.99992227
Version / Patch: 2.10.829.1

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 356.479 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 2950.800 ft above MSL
Seabed / Ground Elevation: 2926.800 ft above MSL
Magnetic Declination: 6.780 °
Total Gravity Field Strength: 986.4710mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47558.600 nT
Magnetic Dip Angle: 59.933 °
Declination Date: September 05, 2022
Magnetic Declination Model: IFR1
North Reference: Grid North
Grid Convergence Used: 0.1800 °
Total Corr Mag North->Grid North: 6.6000 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ° '")	Longitude (E/W ° ° '")
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	0.00	0.00	444759.20	648603.40	N 32 13 20.08	W 103 59 11.27
SHL	24.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	444759.20	648603.40	N 32 13 20.08	W 103 59 11.27
First Gyro Survey	95.27	0.35	215.10	95.27	-0.17	-0.18	-0.13	0.49	0.22	215.10	444759.02	648603.28	N 32 13 20.08	W 103 59 11.27
	183.58	0.57	223.36	183.58	-0.68	-0.72	-0.58	0.26	0.92	219.02	444758.48	648602.82	N 32 13 20.07	W 103 59 11.27
	272.15	1.07	233.74	272.14	-1.43	-1.53	-1.55	0.59	2.18	225.44	444757.67	648601.85	N 32 13 20.06	W 103 59 11.28
	366.39	1.31	238.88	366.36	-2.40	-2.60	-3.18	0.28	4.11	230.70	444756.60	648600.22	N 32 13 20.05	W 103 59 11.30
	460.73	1.12	239.89	460.68	-3.32	-3.62	-4.90	0.20	6.10	233.53	444755.58	648598.50	N 32 13 20.04	W 103 59 11.32
Last Gyro Survey	555.10	1.08	244.14	555.03	-4.07	-4.48	-6.50	0.10	7.89	235.46	444754.72	648596.90	N 32 13 20.03	W 103 59 11.34
First SLB Survey	722.00	0.17	299.07	721.92	-4.53	-5.04	-8.13	0.59	9.57	238.21	444754.16	648595.27	N 32 13 20.03	W 103 59 11.36
	768.00	0.07	11.91	767.92	-4.47	-4.98	-8.19	0.36	9.58	238.69	444754.22	648595.21	N 32 13 20.03	W 103 59 11.36
	856.00	0.07	219.47	855.92	-4.46	-4.97	-8.21	0.15	9.60	238.82	444754.23	648595.19	N 32 13 20.03	W 103 59 11.36
	945.00	0.07	143.77	944.92	-4.54	-5.06	-8.21	0.10	9.64	238.39	444754.14	648595.19	N 32 13 20.03	W 103 59 11.36
	1039.00	0.07	115.64	1038.92	-4.62	-5.13	-8.13	0.04	9.61	237.76	444754.07	648595.27	N 32 13 20.03	W 103 59 11.36
	1134.00	0.07	185.12	1133.92	-4.70	-5.21	-8.08	0.08	9.61	237.19	444753.99	648595.32	N 32 13 20.03	W 103 59 11.36
	1227.00	0.07	54.92	1226.92	-4.73	-5.23	-8.04	0.14	9.59	236.94	444753.97	648595.36	N 32 13 20.03	W 103 59 11.36
	1321.00	0.07	73.62	1320.92	-4.69	-5.18	-7.94	0.02	9.48	236.85	444754.02	648595.46	N 32 13 20.03	W 103 59 11.36
	1415.00	0.07	197.73	1414.92	-4.73	-5.22	-7.90	0.13	9.47	236.53	444753.98	648595.50	N 32 13 20.03	W 103 59 11.36
	1507.00	0.07	15.32	1506.92	-4.73	-5.22	-7.90	0.15	9.47	236.54	444753.98	648595.50	N 32 13 20.03	W 103 59 11.36
	1602.00	0.07	342.56	1601.92	-4.62	-5.11	-7.90	0.04	9.41	237.11	444754.09	648595.50	N 32 13 20.03	W 103 59 11.36
	1696.00	0.06	172.49	1695.92	-4.61	-5.10	-7.91	0.14	9.42	237.18	444754.10	648595.49	N 32 13 20.03	W 103 59 11.36
	1790.00	0.08	46.77	1789.92	-4.62	-5.11	-7.86	0.13	9.37	236.98	444754.09	648595.54	N 32 13 20.03	W 103 59 11.36
	1884.00	0.06	348.06	1883.92	-4.53	-5.02	-7.82	0.08	9.29	237.33	444754.18	648595.58	N 32 13 20.03	W 103 59 11.36
	1978.00	0.08	25.51	1977.92	-4.42	-4.91	-7.80	0.05	9.22	237.84	444754.29	648595.60	N 32 13 20.03	W 103 59 11.36
	2071.00	0.07	219.51	2070.92	-4.40	-4.89	-7.81	0.16	9.22	237.94	444754.31	648595.59	N 32 13 20.03	W 103 59 11.36
	2165.00	0.29	103.81	2164.92	-4.52	-4.99	-7.62	0.35	9.11	236.75	444754.21	648595.78	N 32 13 20.03	W 103 59 11.35
	2259.00	0.64	110.59	2258.91	-4.80	-5.24	-6.90	0.38	8.66	232.79	444753.96	648596.51	N 32 13 20.03	W 103 59 11.35
	2353.00	0.28	119.80	2352.91	-5.14	-5.53	-6.20	0.39	8.31	228.27	444753.67	648597.20	N 32 13 20.02	W 103 59 11.34
	2447.00	0.23	244.91	2446.91	-5.42	-5.80	-5.89	0.12	8.26	225.45	444753.40	648597.51	N 32 13 20.02	W 103 59 11.33
	2541.00	0.66	152.56	2540.91	-6.07	-6.42	-5.52	0.46	8.47	220.68	444752.78	648597.88	N 32 13 20.01	W 103 59 11.33
	2730.00	1.20	163.23	2729.88	-8.99	-9.29	-4.45	0.30	10.30	205.60	444749.91	648598.95	N 32 13 19.99	W 103 59 11.32
	2825.00	0.07	219.85	2824.87	-10.01	-10.28	-4.20	1.22	11.11	202.21	444748.92	648599.20	N 32 13 19.98	W 103 59 11.31
	2919.00	0.08	309.82	2918.87	-10.00	-10.28	-4.29	0.11	11.14	202.62	444748.92	648599.11	N 32 13 19.98	W 103 59 11.32
	3013.00	0.07	124.31	3012.87	-9.99	-10.28	-4.29	0.16	11.13	202.66	444748.93	648599.11	N 32 13 19.98	W 103 59 11.32
	3107.00	0.05	339.02	3106.87	-9.99	-10.27	-4.26	0.12	11.12	202.61	444748.93	648599.14	N 32 13 19.98	W 103 59 11.32
	3201.00	0.06	15.01	3200.87	-9.90	-10.18	-4.26	0.04	11.04	202.69	444749.02	648599.14	N 32 13 19.98	W 103 59 11.32
	3296.00	0.06	342.01	3295.87	-9.81	-10.09	-4.26	0.04	10.95	202.90	444749.11	648599.14	N 32 13 19.98	W 103 59 11.32
	3390.00	0.07	105.18	3389.87	-9.78	-10.06	-4.22	0.12	10.91	202.77	444749.14	648599.18	N 32 13 19.98	W 103 59 11.31
	3484.00	0.06	180.95	3483.87	-9.85	-10.12	-4.17	0.09	10.94	202.37	444749.08	648599.23	N 32 13 19.98	W 103 59 11.31
	3578.00	0.06	77.72	3577.87	-9.89	-10.16	-4.12	0.10	10.96	202.07	444749.04	648599.28	N 32 13 19.98	W 103 59 11.31
	3672.00	0.07	276.59	3671.87	-9.87	-10.14	-4.13	0.14	10.95	202.15	444749.08	648599.27	N 32 13 19.98	W 103 59 11.31
	3767.00	0.07	231.85	3766.87	-9.89	-10.17	-4.23	0.06	11.02	202.59	444749.03	648599.17	N 32 13 19.98	W 103 59 11.31
	3862.00	0.09	266.67	3861.87	-9.92	-10.21	-4.35	0.05	11.10	203.08	444748.99	648599.05	N 32 13 19.98	W 103 59 11.32
	3955.00	0.43	321.53	3954.87	-9.64	-9.94	-4.64	0.41	10.97	205.02	444749.26	648598.76	N 32 13 19.98	W 103 59 11.32
	4050.00	1.04	329.66	4049.86	-8.58	-8.92	-5.30	0.65	10.37	210.71	444750.28	648598.10	N 32 13 19.99	W 103 59 11.33
	4145.00	1.70	334.60	4144.84	-6.50	-6.90	-6.34	0.71	9.37	222.56	444752.30	648597.06	N 32 13 20.01	W 103 59 11.34
	4237.00	2.65	337.26	4236.77	-3.23	-3.71	-7.75	1.04	8.59	244.42	444755.49	648596.56	N 32 13 20.04	W 103 59 11.36
	4332.00	3.31	334.56	4331.64	1.39	0.79	-1.39	0.71	9.81	277.65	444759.99	648593.63	N 32 13 20.09	W 103 59 11.38
	4426.00	4.05	331.58	4425.45	6.92	6.16	-12.52	0.81	13.95	296.22	444765.36	648590.88	N 32 13 20.14	W 103 59 11.41
	4520.00	4.64	330.65	4519.17	13.35	12.40	-15.96	0.63	20.21	307.84	444771.60	648587.44	N 32 13 20.20	W 103 59 11.45
	4614.00	5.69	327.55	4612.79	20.86	19.64	-20.33	1.16	28.27	314.02	444778.84	648583.08	N 32 13 20.27	W 103 59 11.50
	4709.00	6.42	324.19	4707.26	29.47	27.93	-25.96	0.85	38.13	317.09	444787.12	648577.44	N 32 13 20.35	W 103 59 11.57
	4802.00	6.98	323.03	4799.63	38.58	36.66	-32.40	0.62	48.92	318.53	444795.85	648571.00	N 32 13 20.44	W 103 59 11.64
	4897.00	7.48	321.48	4811.37	46.11	43.87	-39.72	0.56	60.86	314.85	444805.30	648565.30	N 32 13 20.45	W 103 59 11.73
	4990.00	8.53	320.93	4885.96	59.03	56.20	-47.84	1.13	73.80	319.59	444815.39	648555.56	N 32 13 20.63	W 103 59 11.82
	5085.00	9.61	321.27	5079.77	71.24	67.85	-57.24	1.14	88.77	319.85	444827.05	648546.16	N 32 13 20.75	W 103 59 11.93
	5179.00	10.18	321.51	5172.38	84.46	80.48	-67.32	0.61	104.92	320.09	444839.67	648536.08	N 32 13 20.88	W 103 59 12.05
	5273.00	12.42	322.24	5264.55	99.63	94.97	-78.68	2.39	123.33	320.36	444854.16	648524.72	N 32 13 21.02	W 103 59 12.18
	5368.00	13.43	322.39	5357.14	117.21	111.79	-91.67	1.06	144.57	320.65	444870.98	648511.73	N 32 13 21.19	W 103 59 12.33
	5463.00	12.96	322.37	5450.34	134.66	128.48	-104.53	0.72	165.87	320.87	444887.67	648498.86	N 32 13 21.35	W 103 59 12.48
	5556.00	12.96	323.37	5540.34	152.27	145.34	-117.29	0.31	186.76	321.10	444904.53	648486.12	N 32 13 21.52	W 103 59 12.63
	5650.00	12.92	324.07	5631.95	169.97	162.31	-129.74	0.17	207.79	321.36	444921.50	648473.67	N 32 13 21.69	W 103 59 12.77
	5744.00	13.03	324.26	5723.55	187.81	179.42	-142.10	0.13	228.88	321.62	444938.61	648461.31	N 32 13 21.86	W 103 59 12.91
	5838.00	12.93	324.74	5815.15	205.72	196.61	-154.36	0.16	249.97	321.86	444955.79	648449.05	N 32 13 22.03	W 103 59 13.05
	5931.00	12.93	325.07	5905.79	223.45	213.64	-166.32	0.	270.75	322.10	444972.82	648437.0		

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (RUS)	Easting (RUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Actual KOP	9358.00	13.75	316.48	9274.32	729.38	696.36	-559.10	0.56	893.03	321.24	445455.50	648044.34	N 32 13 26.99	W 103 59 17.75
	9452.00	13.91	318.87	9365.59	746.89	712.97	-574.23	0.63	915.46	321.15	445472.11	648029.22	N 32 13 27.15	W 103 59 17.92
	9542.00	14.03	320.25	9452.93	764.26	729.50	-588.32	0.39	937.18	321.12	445488.65	648015.13	N 32 13 27.31	W 103 59 18.09
	9601.00	13.73	322.49	9510.21	775.83	740.56	-597.16	1.04	951.33	321.12	445499.70	648006.29	N 32 13 27.42	W 103 59 18.19
	9602.00	13.79	322.62	9511.18	776.03	740.75	-597.30	0.78	951.56	321.12	445499.89	648006.15	N 32 13 27.43	W 103 59 18.19
	9706.00	20.29	332.16	9610.58	802.79	766.57	-613.27	6.78	981.70	321.34	445525.71	647990.18	N 32 13 27.68	W 103 59 18.38
	9799.00	33.73	346.29	9649.37	843.35	806.44	-625.67	16.56	1020.69	322.16	445565.58	647977.78	N 32 13 28.08	W 103 59 18.52
	9892.00	38.93	354.85	9789.28	898.22	860.97	-633.10	6.61	1068.68	323.67	445620.10	647970.35	N 32 13 28.62	W 103 59 18.66
	9987.00	47.31	356.62	9837.57	963.09	925.67	-637.85	8.91	1124.15	325.43	445684.79	647965.61	N 32 13 29.26	W 103 59 18.66
	10081.00	59.65	0.01	9933.41	1038.42	1001.02	-639.88	13.44	1188.06	327.41	445760.14	647963.57	N 32 13 30.00	W 103 59 18.68
Wolfcamp Intersection	10162.09	62.22	0.22	9932.80	1109.16	1071.89	-639.74	3.18	1248.29	329.17	445831.01	647963.71	N 32 13 30.70	W 103 59 18.67
	10175.00	62.63	0.25	9938.77	1120.57	1083.33	-639.69	3.18	1258.10	329.44	445842.45	647963.76	N 32 13 30.82	W 103 59 18.67
	10270.00	69.84	356.72	9977.03	1207.34	1170.21	-640.51	7.73	1334.03	331.31	445929.32	647962.94	N 32 13 31.68	W 103 59 18.68
	10363.00	78.08	357.03	10002.71	1296.61	1259.45	-643.89	9.03	1414.48	332.92	446018.55	647959.61	N 32 13 32.56	W 103 59 18.71
	10385.00	80.63	356.84	10006.77	1318.23	1281.04	-645.00	11.64	1434.25	332.27	446040.13	647958.45	N 32 13 32.77	W 103 59 18.73
	10457.00	88.99	356.24	10013.28	1389.87	1352.55	-649.33	11.64	1500.34	334.36	446111.64	647954.13	N 32 13 33.48	W 103 59 18.77
	10551.00	91.66	359.07	10012.75	1483.83	1446.45	-653.17	4.14	1587.09	335.70	446205.53	647950.28	N 32 13 34.41	W 103 59 18.81
	10604.00	92.62	359.03	10010.77	1536.74	1499.40	-654.05	1.81	1635.85	336.43	446258.48	647949.40	N 32 13 34.93	W 103 59 18.82
	10698.00	90.24	357.42	10008.42	1630.66	1593.32	-656.96	3.06	1723.45	337.59	446352.39	647946.49	N 32 13 35.86	W 103 59 18.85
	10792.00	90.09	359.18	10008.15	1724.61	1687.27	-659.75	1.88	1811.67	338.64	446446.34	647943.70	N 32 13 36.79	W 103 59 18.88
330' FSL Crossing	10884.00	89.86	359.43	10008.19	1816.50	1779.27	-660.87	0.37	1898.04	339.62	446538.33	647942.59	N 32 13 37.70	W 103 59 18.89
	10979.00	89.85	359.41	10008.43	1911.37	1874.26	-661.83	0.02	1987.68	340.55	446633.31	647941.63	N 32 13 38.64	W 103 59 18.90
	11073.00	89.72	359.38	10008.78	2005.25	1968.26	-662.82	0.14	2076.86	341.39	446727.30	647940.63	N 32 13 39.57	W 103 59 18.91
	11167.00	89.87	359.64	10009.12	2099.12	2062.25	-663.62	0.32	2166.40	342.16	446821.29	647939.83	N 32 13 40.50	W 103 59 18.91
	11261.00	89.92	359.76	10009.37	2192.97	2156.25	-664.12	0.14	2256.21	342.88	446915.28	647939.34	N 32 13 41.43	W 103 59 18.92
	11355.00	89.67	359.67	10009.79	2286.93	2250.25	-664.87	0.49	2346.42	343.54	447009.27	647938.58	N 32 13 42.36	W 103 59 18.92
	11448.00	89.82	359.48	10010.21	2379.71	2343.24	-665.84	0.24	2436.01	344.14	447102.25	647937.61	N 32 13 43.28	W 103 59 18.93
	11542.00	89.64	359.41	10010.65	2473.58	2437.24	-666.76	0.21	2526.79	344.70	447196.24	647936.70	N 32 13 44.21	W 103 59 18.94
	11636.00	89.62	359.49	10011.26	2567.45	2531.23	-667.66	0.09	2617.80	345.22	447290.23	647935.80	N 32 13 45.14	W 103 59 18.94
	11730.00	89.75	359.59	10011.77	2661.32	2625.22	-668.41	0.17	2708.98	345.72	447384.21	647935.04	N 32 13 46.08	W 103 59 18.95
	11824.00	89.98	359.70	10011.99	2755.18	2719.22	-668.99	0.27	2800.31	346.18	447478.21	647934.46	N 32 13 47.01	W 103 59 18.95
	11918.00	89.71	359.61	10012.25	2849.03	2813.22	-669.87	0.35	2892.42	346.81	447572.19	647933.51	N 32 13 47.94	W 103 59 18.96
	12012.00	89.83	359.40	10012.63	2942.91	2907.21	-670.54	0.17	2983.54	347.01	447666.18	647932.92	N 32 13 48.87	W 103 59 18.96
	12107.00	89.62	359.46	10013.08	3037.78	3002.21	-671.48	0.23	3076.39	347.39	447761.17	647931.97	N 32 13 49.81	W 103 59 18.97
	12202.00	89.73	359.44	10013.62	3132.65	3097.20	-672.39	0.12	3169.35	347.75	447856.16	647931.06	N 32 13 50.75	W 103 59 18.98
	12296.00	89.66	359.38	10014.12	3226.53	3191.20	-673.36	0.10	3261.46	348.09	447950.14	647930.09	N 32 13 51.68	W 103 59 18.98
	12390.00	89.67	359.48	10014.67	3320.40	3285.19	-674.30	0.11	3353.68	348.40	448044.13	647929.16	N 32 13 52.61	W 103 59 18.99
	12483.00	89.45	359.25	10015.39	3413.28	3378.18	-675.33	0.34	3445.02	348.70	448137.11	647928.13	N 32 13 53.53	W 103 59 19.00
	12578.00	89.72	359.49	10016.07	3508.16	3473.17	-676.37	0.38	3538.42	349.04	448232.10	647927.08	N 32 13 54.47	W 103 59 19.01
	12671.00	89.62	359.69	10016.61	3601.02	3566.17	-677.04	0.24	3629.87	349.25	448325.08	647926.42	N 32 13 55.39	W 103 59 19.01
	12766.00	89.62	359.45	10017.24	3695.88	3661.16	-677.75	0.25	3723.37	349.51	448420.07	647925.70	N 32 13 56.33	W 103 59 19.02
	12860.00	89.65	359.46	10017.84	3789.75	3755.16	-678.64	0.03	3815.99	349.76	448514.06	647924.81	N 32 13 57.26	W 103 59 19.02
	12954.00	89.48	359.19	10018.55	3883.63	3849.15	-679.75	0.34	3908.71	349.98	448608.04	647923.70	N 32 13 58.19	W 103 59 19.03
	13048.00	89.44	359.36	10019.44	3977.51	3943.14	-680.94	0.19	4001.50	350.20	448702.02	647922.51	N 32 13 59.12	W 103 59 19.04
	13142.00	89.96	358.89	10019.93	4071.41	4037.12	-682.38	0.75	4094.39	350.41	448796.00	647921.08	N 32 14 0.05	W 103 59 19.05
	13237.00	90.40	359.58	10019.63	4166.30	4132.11	-683.64	0.86	4188.29	350.61	448890.98	647919.81	N 32 14 0.99	W 103 59 19.07
	13331.00	90.35	359.79	10019.02	4260.15	4226.11	-684.16	0.23	4281.13	350.80	448984.97	647919.29	N 32 14 1.92	W 103 59 19.07
	13426.00	89.52	359.13	10019.12	4355.02	4321.11	-685.06	1.12	4375.07	350.99	449079.96	647918.40	N 32 14 2.86	W 103 59 19.08
	13520.00	89.67	359.78	10019.79	4448.89	4415.10	-685.95	0.71	4468.07	351.17	449173.95	647917.50	N 32 14 3.79	W 103 59 19.09
	13614.00	90.29	359.85	10019.82	4542.73	4509.10	-686.25	0.86	4561.02	351.35	449267.94	647916.58	N 32 14 4.72	W 103 59 19.09
	13709.00	89.62	359.40	10019.90	4637.59	4604.09	-686.88	0.85	4655.05	351.55	449362.93	647916.58	N 32 14 5.66	W 103 59 19.09
	13803.00	89.86	359.35	10020.32	4731.47	4698.09	-687.90	0.26	4748.18	351.67	449456.91	647915.55	N 32 14 6.59	W 103 59 19.10
	13898.00	89.55	359.40	10020.81	4826.34	4793.08	-688.94	0.33	4842.34	351.82	449551.90	647914.52	N 32 14 7.53	W 103 59 19.11
	13992.00	89.89	359.54	10021.27	4920.21	4887.08	-689.81	0.39	4935.52	351.97	449645.89	647913.65	N 32 14 8.46	W 103 59 19.11
	14086.00	89.58	359.02	10021.71	5014.10	4981.07	-690.99	0.64	5028.77	352.10	449739.87	647912.47	N 32 14 9.39	W 103 59 19.12
	14180.00	89.47	358.91	10022.48	5108.01	5075.								

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Survey Error Model:	ISCWSA Rev 3 *** 3-D 95.000% Confidence 2.7955 sigma													
Survey Program:														
Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey						
	1	0.000	24.000	1/98.425	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Heads CC 9.4 Fed Com 312H / Oxy Heads CC 9.4 Fed Com 312H / Gyro+MWD 0' to 20646MD						
	1	24.000	24.000	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Heads CC 9.4 Fed Com 312H / Oxy Heads CC 9.4 Fed Com 312H / Gyro+MWD 0' to 20646MD						
	1	24.000	555.100	Act Stns	26.400	26.400	GYD_GC+DROP+OH	Heads CC 9.4 Fed Com 312H / Oxy Heads CC 9.4 Fed Com 312H / Heads CC 9.4 Fed Com 312H /						
	1	555.100	6431.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Oxy Heads CC 9.4 Fed Com 312H / Gyro+MWD 0' to 20646MD						
	1	6431.000	7287.000	Act Stns	26.400	26.400	A009Mb_MWD+IFR1+SAG	Heads CC 9.4 Fed Com 312H / Oxy Heads CC 9.4 Fed Com 312H / Heads CC 9.4 Fed Com 312H /						
	1	7287.000	20646.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Oxy Heads CC 9.4 Fed Com 312H / Gyro+MWD 0' to 20646MD						

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

Well Name: HEADS CC 9-4 FEDERAL COM	Well Location: T24S / R29E / SEC 16 / NWNE / 32.222244 / -103.986462	County or Parish/State: EDDY / NM
Well Number: 312H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM99034	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547340	Well Status: Producing Oil Well	Operator: OXY USA INCORPORATED

Subsequent Report

Sundry ID: 2713679

Type of Submission: Subsequent Report

Date Sundry Submitted: 02/01/2023

Date Operation Actually Began: 09/29/2022

Type of Action: Workover Operations

Time Sundry Submitted: 06:43

Actual Procedure: RUPU 09/29/22, RIH & clean out to PBTD @ 20600', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 10397-20486' Total 1230 holes. Frac in 41 stages w/ 245772BBL Produced Water + 201083BBL Brackish Water (> 1,000 mg/I TDS and 10,000 mg/I TDS) w/ 25701770# sand, RD NexTier 10/17/22. Well ready to produce 10/24/22. 01/16/23 RIH with 2-7/8" L80 tbg & gas lift set @ 9643', RD 01/17/23. Formation Tops for this completion are as follows: RUSTLER 242'M 242'V SALADO 622'M 622'V CASTILE 1358'M 1358'V DELAWARE 2931'M 2931'V BELL CANYON 2931'M 2931'V CHERRY CANYON 3807'M 3807'V BRUSHY CANYON 5036'M 5031'V BONE SPRING 6655'M 6613'V 1ST BONE SPRING 7684'M 7692'V 2ND BONE SPRING 8514'M 8446'V 3RD BONE SPRING 9651'M 9558'V WOLFCAMP 10108'M 9906'V

Received by OCD: 6/4/2023 10:00:31 PM

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Well Name: HEADS CC 9-4 FEDERAL COM	Well Location: T24S / R29E / SEC 16 / NWNE / 32.222244 / -103.986462	County or Parish/State: EDDY / NM
Well Number: 312H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM99034	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547340	Well Status: Producing Oil Well	Operator: OXY USA INCORPORATED

Operator

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

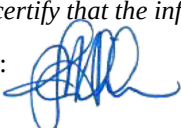
Operator Electronic Signature: JANA MENDIOLA	Signed on: FEB 01, 2023 06:41 PM
Name: OXY USA INCORPORATED	
Title: Regulatory Coordinator	
Street Address: PO BOX 50250	
City: Midland	State: TX
Phone: (432) 685-5936	
Email address: Janalyn_mendiola@oxy.com	

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: 03/16/2023
Signature: Jonathon Shepard	

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-015-47340		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN		
								3. State Oil & Gas Lease No.		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER								5. Lease Name or Unit Agreement Name HEADS CC 9-4 FEDERAL COM		
8. Name of Operator: OXY USA INC.								6. Well Number: 312H		
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:	B	16	24S	29E		957	NORTH	1715	EAST	EDDY
BH:	B	4	24S	29E	L2	23	NORTH	2372	EAST	EDDY
13. Date Spudded 06/22/2022	14. Date T.D. Reached 09/17/2022		15. Date Rig Released 09/20/2022			16. Date Completed (Ready to Produce) 10/24/2022		17. Elevations (DF and RKB, RT, GR, etc.) 2927' GL		
18. Total Measured Depth of Well 20646'M 10024'V			19. Plug Back Measured Depth 20600'M 10023'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 10397-20486' 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		582'		17.5"		1685sx-surf circ		
9.625" HCL80		40		9616'		12.25"		3525sx-surf circ		
7" x 5.5" P110		32#, 20#		20626'		8.75" x 8.5"		661sx-TOC@5616'		
24. LINER RECORD										
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		25. TUBING RECORD			
							SIZE	DEPTH SET	PACKER SET	
							2.875"	9643'		
26. Perforation record (interval, size, and number) Perf @ 10397-20486' Total 1230 holes, Hole Size=0.42										
						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						10397-20486'		245772BBL Produced Water + 201083BBL Brackish Water (> 1,000 mg/l TDS and < 10,000 mg/l TDS) w/ 25701770# sand		
28. PRODUCTION										
Date First Production 10/26/2022		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Gas Lift					Well Status (<i>Prod. or Shut-in</i>) Prod.			
Date of Test 11/18/2022	Hours Tested 24 hrs.	Choke Size 128/128	Prod'n For Test Period	Oil - Bbl 3134	Gas - MCF 5448	Water - Bbl. 6873	Gas - Oil Ratio 1738			
Flow Tubing Press.	Casing Pressure 1819	Calculated 24- Hour Rate	Oil - Bbl. 3134	Gas - MCF 5448	Water - Bbl. 6873	Oil Gravity - API - (<i>Corr.</i>)				
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) SOLD								30. Test Witnessed By		
31. List Attachments 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>02/08/2023</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 242'	T. Bell Canyon 2931'	T. Ojo Alamo	T. Penn A"
T. Salado 622'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 1358'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 2877'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 3807'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 5036'	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 6655'	T. Todilto	
T. Abo	T. 1 st Bone Spring 7684'	T. Entrada	
T. Wolfcamp 10108'	T. 2 nd Bone Spring 8514'	T. Wingate	
T. Penn	T. 3 rd Bone Spring 9651'	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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

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

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

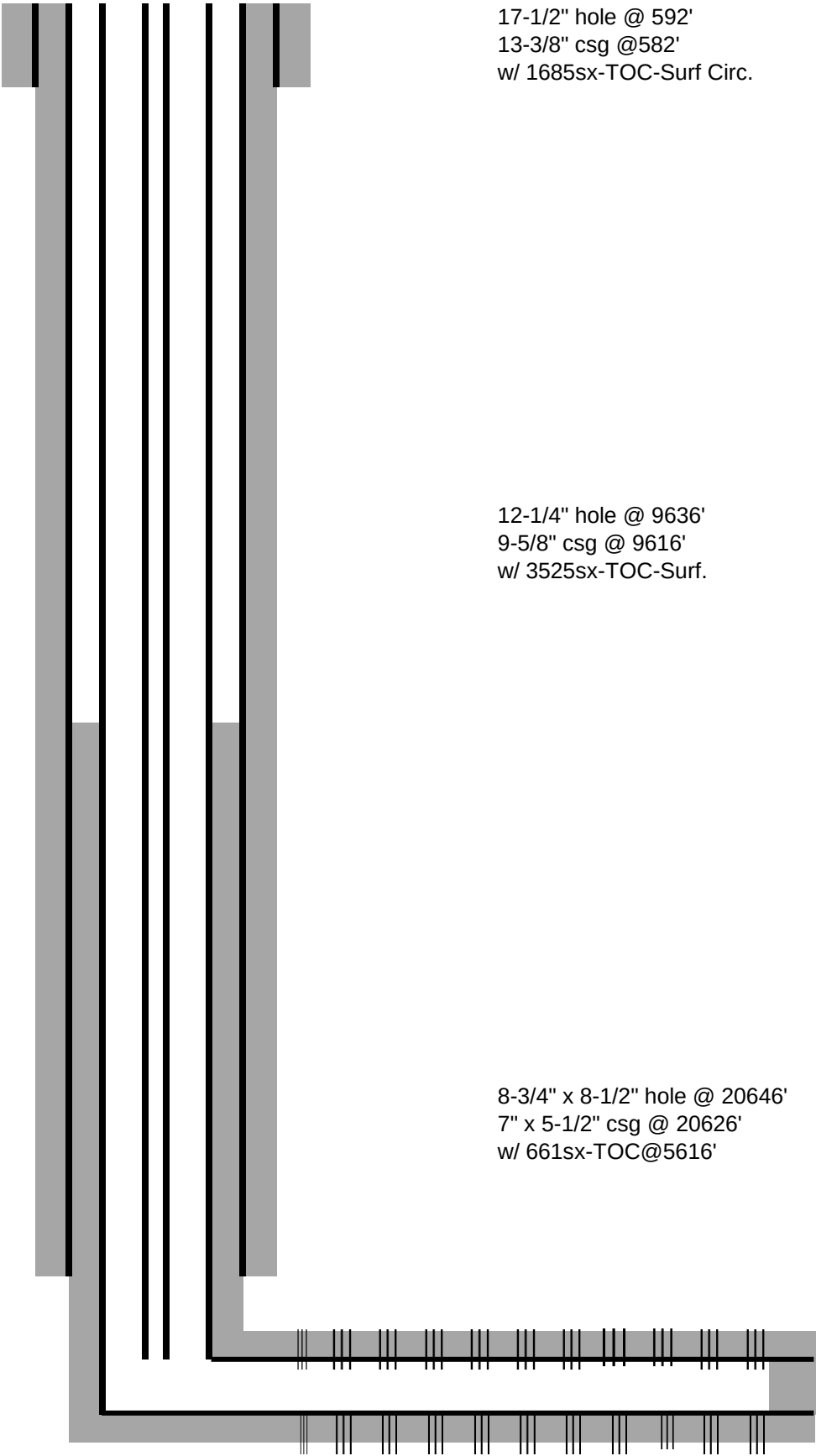
No. 4, from.....to.....

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.
Heads CC 9-4 Federal Com 312H
API No. 30-015-47340



2-7/8" tbg & gas lift @ 9643'

Perfs @ 10397-20486' TD- 20646'M 10024'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 223586

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 223586
	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 223586

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 223586
	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.	8/17/2023