

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710		² OGRID Number: 16696
		³ Reason for Filing Code/ Effective Date - NW- 08/19/2023
⁴ API Number 30-015-53276	⁵ Pool Name COTTON DRAW; BONE SPRING	⁶ Pool Code 13367
⁷ Property Code: 334034	⁸ Property Name: VANADIUM 32 STATE COM	⁹ Well Number: 4H

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
O	29	23S	31E		620	SOUTH	2037	EAST	EDDY

¹¹ Bottom Hole Location FTP: 151' FNL 2115' FEL LTP: 190' FNL 617' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	32	23S	31E		51	NORTH	616	WEST	EDDY
¹² Lse Code S	¹³ Producing Method Code : P		¹⁴ Gas Connection Date: 8/21/23		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
237722	CENTURION PIPELINE L.P.	O
151618	ENTERPRISE FIELD SERVICES LLC	G


IV. Well Completion Data

²¹ Spud Date 03/28/23	²² Ready Date 08/19/23	²³ TD 22185'M 9829'V	²⁴ PBSD 22141'M 9829'V	²⁵ Perforations 10799-22046'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
17-1/2"		13-3/8"		471'	
12-1/4"		9-5/8"		4227'	
8-3/4"		7-5/8"		9329'	
6-3/4"		5-1/2"		22165'	
		2-3/8" TBG		9878'	

V. Well Test Data

³¹ Date New Oil 08/22/23	³² Gas Delivery Date 08/21/23	³³ Test Date 08/27/23	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 946
³⁷ Choke Size 56/128	³⁸ Oil 3307	³⁹ Water 6699	⁴⁰ Gas 4072		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: 01/28/2024 Phone: 432-685-5936

OIL CONSERVATION DIVISION	
Approved by:	
Title:	
Approval Date:	

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 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

Form C-102 Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACERAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-53276	² Pool Code 13367	³ Pool Name COTTON DRAW; BONE SPRING
⁴ Property Code 334034	⁵ Property Name VANADIUM 32 STATE COM	
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	
	⁶ Well Number 4H	⁹ Elevation 3360'

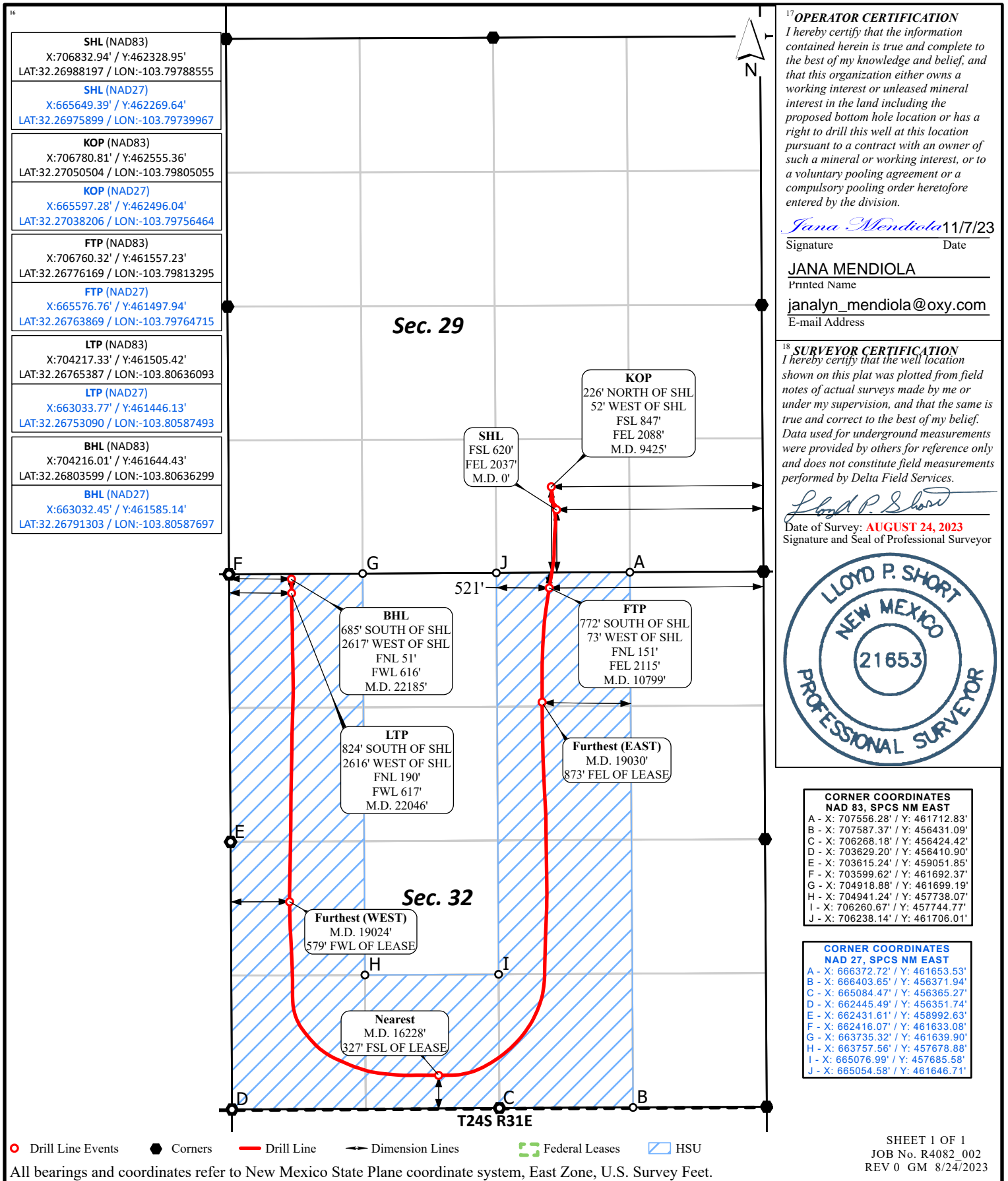
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	29	23S	31E		620	SOUTH	2037	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
D	32	23S	31E		51	NORTH	616	WEST	EDDY
¹² Dedicated Acres 360.00		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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.



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
Jana Mendiola 11/7/23
Signature Date
JANA MENDIOLA
Printed Name
janalyn_mendiola@oxy.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by Delta Field Services.
Lloyd P. Short
Date of Survey: AUGUST 24, 2023
Signature and Seal of Professional Surveyor



CORNER COORDINATES NAD 83, SPCS NM EAST

A - X: 707556.28' / Y: 461712.83'
B - X: 707587.37' / Y: 456431.09'
C - X: 706268.18' / Y: 456424.42'
D - X: 703629.20' / Y: 456410.90'
E - X: 703615.24' / Y: 459051.85'
F - X: 703599.62' / Y: 461692.37'
G - X: 704918.88' / Y: 461699.19'
H - X: 704941.24' / Y: 457738.07'
I - X: 706260.67' / Y: 457744.77'
J - X: 706238.14' / Y: 461706.01'

CORNER COORDINATES NAD 27, SPCS NM EAST

A - X: 666372.72' / Y: 461653.53'
B - X: 666403.65' / Y: 456371.94'
C - X: 665084.47' / Y: 456365.27'
D - X: 662445.49' / Y: 456351.74'
E - X: 662431.61' / Y: 458992.63'
F - X: 662416.07' / Y: 461633.08'
G - X: 663735.32' / Y: 461639.90'
H - X: 663757.56' / Y: 457678.88'
I - X: 665076.99' / Y: 457685.58'
J - X: 665054.58' / Y: 461646.71'



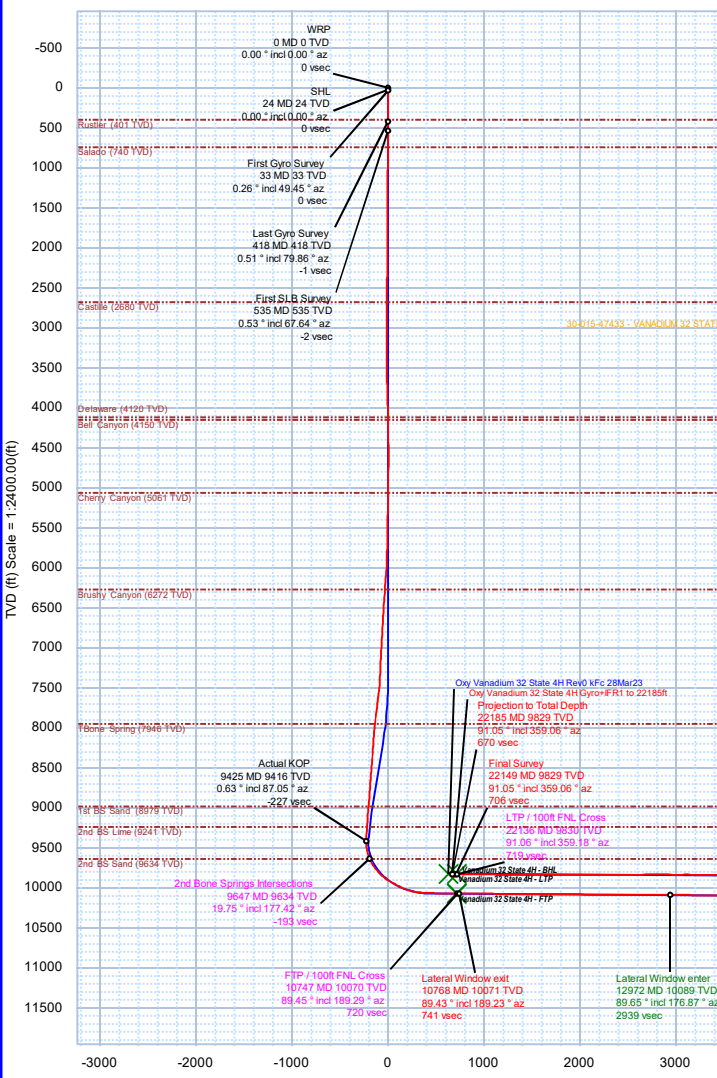
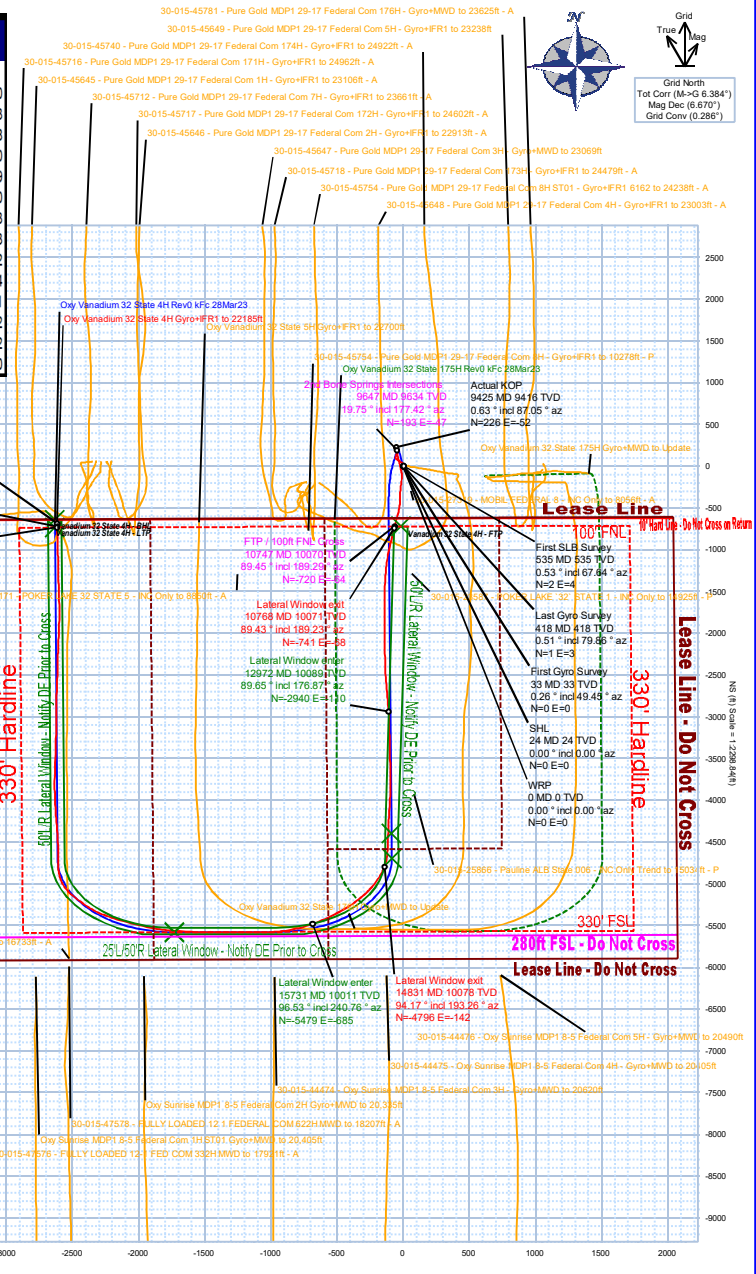
OXY



Borehole: Vanadium 32 State 4H	Well: Vanadium 32 State 4H	Field: NM Eddy County (NAD 83)	Structure: Oxy Vanadium 32 State Pad Lot O (center)
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Gravity & Magnetic Parameters		Surface Location NAD83 New Mexico State Plane, Eastern Zone, US Feet			Miscellaneous	
Model: IFR1	Dip: 59.883°	Date: 25-May-2023	Lat: N 32 16 11.58	Northing: 462328.958US	Grid Conv: 0.2859°	Slot: 4H
MagDec: 6.67°	FS: 47556.3mT	Gravity FS: 998.452mgn (9.80665 Based)	Lon: W 103 47 52.39	Easting: 706832.948US	Scale Fact: 0.99994046	TVD Ref: RKB (3383.50 ft above MSL)
			Plan: Oxy Vanadium 32 State 4H Rev0 kFc 28Mar23			

Comments	Critical Points							DLS ('/100ft)
	Survey MD(ft)	Inclination(deg)	Azimuth(deg)	TVD(ft)	VS(ft)	NS(ft)	EW(ft)	
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.383.50
SHL	24.00	0.00	0.00	24.00	0.00	0.00	0.00	-3.359.50
First Gyro Survey	33.18	0.26	49.45	33.18	-0.02	0.01	0.02	-3.350.32
Last Gyro Survey	418.41	0.51	79.86	418.40	-2.86	1.32	2.61	-2.965.10
First SLB Survey	535.00	0.53	67.64	534.98	-3.91	1.62	3.62	-2.848.82
Actual KOP	9,425.00	0.63	87.05	9,415.76	-6.86	2.26	-52.13	6,032.26
2nd Bone Springs Intersections	9,647.00	19.75	177.42	9,634.00	-3.37	192.57	-46.89	6,250.50
FTP / 100ft FNL Cross	10,747.00	89.45	189.29	10,070.50	244.50	-720.39	-64.30	6,687.00
Lateral Window exit	10,768.00	89.43	189.23	10,070.70	253.02	-741.12	-67.67	6,687.20
Lateral Window enter	12,972.00	89.65	176.87	10,089.01	850.29	-2,939.88	-109.91	6,705.51
Lateral Window exit	14,831.00	94.17	193.26	10,078.02	1,351.43	-4,795.83	-142.44	6,694.52
Lateral Window enter	15,731.00	96.53	240.76	10,011.12	2,049.01	-5,479.08	-684.78	6,627.62
LTP / 100ft FNL Cross	22,136.00	91.06	359.18	9,829.62	2,716.77	-733.54	-2,616.30	6,446.12
Final Survey	22,149.00	91.05	359.06	9,829.38	2,713.68	-720.55	-2,616.50	6,445.88
Projection to Total Depth	22,185.00	91.05	359.06	9,828.72	2,705.14	-684.56	-2,617.09	6,445.22





Oxy Vanadium 32 State 4H Gyro+IFR1 to 22185ft Survey Geodetic Report



DefinitiveSurvey

Report Date: June 06, 2023 - 05:14 PM (UTC 0)
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Vanadium 32 State Pad Lot O (center) / 4H
Well: Vanadium 32 State 4H
Borehole: Vanadium 32 State 4H
UBH/ API / JobNumber: Unknown / Unknown / Unknown
Survey Name / Version: Oxy Vanadium 32 State 4H Gyro+IFR1 to 22185ft / 3
Survey Date: June 06, 2023
Tort / AHD / DDI / ERD Ratio: 416.174 * / 12691.613 ft / 7.065 / 1.257
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32°16'11.57510", W 103°47'52.38797"
Location Grid N/E Y/X: N 462328.950 RUS , E 706832.940 RUS
CRS Grid Convergence Angle: 0.2859"
Grid Scale Factor: 0.99994046
Engine Version: 2023.1.0.1

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 255.341 * (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3383.500 ft above MSL
Seabed / Ground Elevation: 3359.500 ft above MSL
Magnetic Declination: 6.670"
Total Gravity Field Strength: 998.4521mgn (9.80665 Basesd)
Gravity Model: GARM
Total Magnetic Field Strength: 47556.3 nT
Magnetic Dip Angle: 59.883"
Declination Date: May 25, 2023
Magnetic Declination Model: IFR1
North Reference: Grid
Total Corr Mag: 3841"
Local Coord Referenced To: Well Head

Table with columns: Comments, MD (ft), Incl (°), Azim (°), TVD (ft), VSEC (ft), NS (ft), EW (ft), TVDSS (ft), DLS (ft/100ft), Northing (ftUS), Easting (ftUS), Latitude (N/S ° ' "), Longitude (E/W ° ' "), Closure (ft), Closure Azimuth (°). Rows include WRP, SHL, and various gyros (First Gyro Survey, Last Gyro Survey, First SLB Survey).

	9,121.00	3.80	16.67	9,112.14	-1.87	211.83	-53.48	5,728.64	1.08	482,540.77	706,779.47	N 32°16'13.67"	W 103°47'53.00"	218.47	345.83
	9,302.00	2.62	356.91	9,292.86	-5.82	221.71	-51.98	5,909.36	0.88	482,550.54	706,780.96	N 32°16'13.77"	W 103°47'52.98"	227.72	346.81
	9,398.00	2.56	354.79	9,378.77	-6.53	225.58	-52.26	5,995.27	0.13	482,554.52	706,780.69	N 32°16'13.81"	W 103°47'52.98"	231.56	346.96
Actual KOP	9,425.00	0.63	9,415.26	-9.26	221.11	-53.23	5,733.53	5,435.24	1.08	482,416.11	706,795.61	N 32°16'13.82"	W 103°47'53.82"	347.04	347.04
	9,482.00	4.31	153.17	9,472.70	-7.62	224.52	-50.86	6,089.20	7.19	482,553.45	706,782.09	N 32°16'13.80"	W 103°47'52.97"	230.21	347.24
	9,577.00	11.89	173.86	9,566.70	-6.92	211.58	-48.19	6,183.20	8.42	482,540.52	706,784.75	N 32°16'13.67"	W 103°47'52.94"	217.00	347.17
2nd Bone Springs Intersections	9,647.00	19.75	177.42	9,634.00	-3.37	192.57	-46.89	6,250.50	11.30	482,521.51	706,786.05	N 32°16'13.48"	W 103°47'52.92"	198.19	346.32
	9,672.00	22.56	178.11	9,657.31	-1.42	183.56	-46.54	6,273.81	11.30	482,512.49	706,786.40	N 32°16'13.39"	W 103°47'52.92"	189.36	345.77
	9,766.00	30.58	174.57	9,741.32	-6.41	141.86	-43.68	6,357.82	8.69	482,470.60	706,789.26	N 32°16'12.98"	W 103°47'52.89"	148.24	342.86
	10,029.00	40.07	172.40	9,916.74	-14.06	97.17	-43.73	6,435.24	1.18	482,416.11	706,795.61	N 32°16'12.84"	W 103°47'52.82"	94.63	336.82
	9,955.00	40.89	169.87	9,885.16	-20.63	21.63	-26.98	6,501.56	10.62	482,350.58	706,805.96	N 32°16'11.79"	W 103°47'52.70"	34.58	308.71
	10,050.00	56.72	171.60	9,941.89	-27.84	-53.51	-14.78	6,558.39	7.34	482,275.44	706,818.16	N 32°16'11.05"	W 103°47'52.56"	55.51	195.44
	10,145.00	59.50	182.16	9,992.18	-44.05	-133.87	-10.51	6,608.68	9.88	482,195.08	706,822.43	N 32°16'10.25"	W 103°47'52.52"	134.29	184.49
	10,239.00	70.93	185.76	10,031.53	-71.36	-218.84	-16.52	6,648.03	12.64	482,110.12	706,816.43	N 32°16'9.41"	W 103°47'52.29"	219.46	184.32
	10,334.00	82.81	181.80	10,053.08	-100.33	-310.99	-22.36	6,689.58	13.21	482,017.98	706,810.58	N 32°16'8.50"	W 103°47'52.27"	311.79	184.11
	10,429.00	94.67	182.40	10,061.17	-125.73	-405.56	-23.88	6,737.21	4.41	481,923.41	706,809.07	N 32°16'7.56"	W 103°47'52.26"	405.26	183.37
	10,524.00	87.27	186.00	10,066.65	-155.00	-500.23	-29.37	6,883.15	6.50	481,828.75	706,803.57	N 32°16'6.63"	W 103°47'52.76"	501.09	183.36
	10,618.00	89.48	190.40	10,069.32	-191.49	-593.21	-42.77	6,885.82	4.49	481,735.78	706,790.17	N 32°16'5.71"	W 103°47'52.92"	594.75	184.12
	10,713.00	89.48	189.40	10,070.18	-230.67	-686.84	-58.77	6,886.68	0.63	481,642.15	706,774.17	N 32°16'4.78"	W 103°47'53.11"	689.35	184.89
FTP / 100ft FNL Cross	10,747.00	89.45	189.29	10,070.50	-244.50	-720.39	-64.60	6,887.00	0.33	481,608.60	706,768.65	N 32°16'4.45"	W 103°47'53.18"	723.25	185.10
Lateral Window exit	10,768.00	89.43	189.23	10,070.70	-253.02	-741.12	-67.67	6,887.20	0.33	481,587.88	706,765.27	N 32°16'4.25"	W 103°47'53.22"	744.20	185.22
	10,808.00	89.40	189.10	10,071.11	-269.17	-780.60	-74.04	6,887.61	0.33	481,548.39	706,758.90	N 32°16'3.85"	W 103°47'53.30"	784.11	185.42
	10,902.00	89.57	188.50	10,071.95	-306.59	-873.49	-86.45	6,888.45	0.66	481,455.51	706,744.52	N 32°16'2.94"	W 103°47'53.47"	877.96	185.78
	10,997.00	89.53	188.78	10,072.70	-344.16	-967.41	-102.69	6,889.20	0.30	481,361.60	706,730.25	N 32°16'2.01"	W 103°47'53.64"	972.85	186.06
	11,092.00	89.61	186.58	10,073.41	-380.27	-1,061.55	-115.39	6,889.91	2.32	481,267.46	706,717.56	N 32°16'1.08"	W 103°47'53.99"	1,067.80	186.20
	11,185.00	89.46	184.59	10,074.17	-412.44	-1,154.10	-124.44	6,890.67	2.15	481,174.92	706,708.51	N 32°16'0.16"	W 103°47'53.90"	1,160.79	186.15
	11,280.00	89.66	183.43	10,074.90	-442.85	-1,248.87	-131.08	6,891.40	1.24	481,080.16	706,701.87	N 32°15'59.22"	W 103°47'53.99"	1,255.73	185.99
	11,375.00	89.54	180.33	10,075.56	-471.64	-1,343.73	-136.02	6,892.06	0.96	480,985.30	706,696.93	N 32°15'58.29"	W 103°47'54.05"	1,350.60	185.78
	11,469.00	89.65	182.11	10,076.21	-499.09	-1,437.65	-141.56	6,892.81	0.96	480,891.32	706,692.12	N 32°15'57.36"	W 103°47'54.12"	1,444.44	185.56
	11,564.00	89.59	182.58	10,077.02	-525.43	-1,532.62	-142.22	6,893.52	1.40	480,796.43	706,680.73	N 32°15'56.42"	W 103°47'54.13"	1,538.20	185.30
	11,658.00	89.37	179.80	10,077.87	-549.68	-1,626.61	-142.70	6,894.37	1.07	480,702.44	706,690.25	N 32°15'55.49"	W 103°47'54.14"	1,632.86	185.01
	11,753.00	89.48	179.82	10,078.83	-573.42	-1,721.61	-142.38	6,895.33	0.12	480,607.45	706,690.57	N 32°15'54.55"	W 103°47'54.15"	1,727.48	184.73
	11,848.00	89.44	180.35	10,079.72	-597.59	-1,816.60	-142.52	6,896.22	0.56	480,512.46	706,690.42	N 32°15'53.61"	W 103°47'54.15"	1,822.18	184.49
	11,943.00	89.60	179.56	10,080.52	-621.56	-1,911.60	-142.45	6,897.02	0.85	480,417.47	706,690.50	N 32°15'52.67"	W 103°47'54.16"	1,916.90	184.26
	12,038.00	89.41	179.35	10,081.37	-644.48	-2,005.59	-141.56	6,897.83	0.30	480,323.48	706,690.39	N 32°15'51.74"	W 103°47'54.16"	2,011.68	184.04
	12,132.00	89.34	179.38	10,082.36	-667.50	-2,100.58	-139.50	6,898.86	0.08	480,228.50	706,692.45	N 32°15'50.80"	W 103°47'54.15"	2,105.27	183.83
	12,226.00	89.57	178.91	10,083.26	-689.92	-2,194.56	-139.10	6,899.76	0.56	480,134.52	706,693.85	N 32°15'49.87"	W 103°47'54.14"	2,198.97	183.63
	12,321.00	89.58	179.28	10,083.96	-712.51	-2,289.55	-137.60	6,900.46	0.39	480,039.54	706,695.35	N 32°15'48.93"	W 103°47'54.12"	2,293.68	183.44
	12,416.00	89.55	178.79	10,084.68	-735.00	-2,384.53	-136.00	6,901.18	0.52	480,944.56	706,696.95	N 32°15'47.99"	W 103°47'54.11"	2,388.41	183.26
	12,505.00	89.59	176.98	10,086.10	-776.04	-2,573.39	-129.02	6,902.60	0.96	480,755.72	706,703.92	N 32°15'46.12"	W 103°47'54.04"	2,576.62	182.87
	12,599.00	89.41	178.51	10,087.17	-805.17	-2,667.27	-124.24	6,903.28	0.21	480,661.71	706,708.71	N 32°15'45.19"	W 103°47'53.80"	2,670.15	182.67
	12,793.00	89.63	177.48	10,087.58	-814.69	-2,761.16	-119.66	6,904.08	0.35	480,567.96	706,713.09	N 32°15'44.26"	W 103°47'53.64"	2,763.76	182.49
	12,887.00	89.54	176.44	10,088.41	-833.62	-2,855.02	-114.67	6,904.91	1.11	480,474.10	706,718.07	N 32°15'43.33"	W 103°47'53.89"	2,857.33	182.30
Lateral Window enter	12,972.00	89.65	176.87	10,089.01	-850.29	-2,939.88	-109.91	6,905.51	0.52	480,389.25	706,723.04	N 32°15'42.49"	W 103°47'53.84"	2,941.93	182.14
	12,979.00	89.66	176.90	10,089.05	-851.69	-2,946.87	-109.53	6,905.55	0.52	480,389.27	706,723.42	N 32°15'42.42"	W 103°47'53.83"	2,948.90	182.13
	13,073.00	90.04	179.16	10,089.30	-872.34	-3,040.80	-106.30	6,905.80	2.44	480,298.33	706,726.65	N 32°15'41.49"	W 103°47'53.80"	3,042.66	182.00
	13,167.00	89.41	181.65	10,090.77	-895.14	-3,135.80	-103.88	6,906.50	1.79	480,205.67	706,730.67	N 32°15'40.56"	W 103°47'53.80"	3,136.66	181.86
	13,260.00	89.63	178.77	10,090.55	-917.39	-3,227.78	-103.96	6,907.06	0.90	480,110.37	706,728.99	N 32°15'39.64"	W 103°47'53.79"	3,229.46	181.84
	13,354.00	89.64	179.18	10,091.24	-939.55	-3,321.76	-102.28	6,907.74	0.45	480,007.39	706,730.67	N 32°15'38.71"	W 103°47'53.77"	3,323.34	181.76
	13,448.00	89.59	179.36	10,091.87	-962.17	-3,415.75	-101.08	6,908.37	0.20	480,913.41	706,731.87	N 32°15'37.78"	W 103°47'53.76"	3,417.25	181.70
	13,543.00	89.57	179.20	10,092.57	-985.06	-3,510.74	-99.89	6,909.07	0.17	480,818.42	706,733.06	N 32°15'36.84"	W 103°47'53.76"	3,512.17	181.63
	13,637.00	89.41	179.02	10,093.40	-1,007.43	-3,604.73	-98.43	6,909.90	0.26	480,724.44	706,734.52	N 32°15'35.91"	W 103°47'53.74"	3,606.07	181.56
	13,732.00	89.49	179.51	10,094.32	-1,030.29	-3,699.72	-97.21	6,910.82	0.52	480,629.46	706,735.74	N 32°15'34.97"	W 103°47'53.73"	3,700.99	181.51
	13,827.00	89.48	179.69	10,095.17	-1,053.19	-3,794.71	-96.54	6,911.87	0.19	480,534.47	706,737.00	N 32°15'34.04"	W 103°47'53.72"	3,795.94	181.46
	13,921.00	89.60	181.04	10,095.93	-1,078.05	-3,888.70	-97.14	6,912.43	1.44	480,440.49	706,735.80	N 32°15'33.10"	W 103°47'53.75"	3,889.92	181.43
	14,015.00	89.44	182.48	10,096.71	-1,104.62	-3,982.65	-100.03	6,913.21	1.54	480,346.54	706,732.92	N 32°15'32.17"	W 103°47'53.78"	3,983.91	181.44
	14,110.00	89.48	182.10	10,097.61	-1,132.31	-4,077.57	-103.82	6,914.11	0.40	480,251.63	706,729.12	N 32°15'31.23"	W 103°47'53.83"	4,078.89	181.46
	14,204.00	89.48	182.29	10,098.46	-1,159.56	-4,171.50	-107.42	6,914.96	0.20	480,157.71	706,725.52	N 32°15'30.30"	W 103°47'53.88"	4,172.88	181.48
	14,299.00	89.42	181.24	10,099.37	-1,186.42	-4,266.45	-110.35	6,915.87	1.11	480,062.76	706,722.60	N 32°15'29.36"	W 103°47'53.92"	4,267.88	181.48
	14,394.00	89.47	181.65	10,100.29	-1,212.77	-4,361.41	-112.75	6,916.79	0.43	480,967.80	706,728.07	N 32°15'28.43"	W 103°47'53.98"	4,362.87	181.48
	14,488.00	91.67	181.73	10,099.36	-1,239.23	-4,455.36	-115.52								

	21,591.00	90.70	359.45	9,835.69	2,845.70	-1,278.40	-2,607.05	6,452.19	0.50	461,050.63	704,226.05	N 32°15'59.05"	W 103°48'22.82"	2,903.62	243.88
	21,686.00	90.76	359.99	9,834.48	2,822.60	-1,183.41	-2,608.01	6,450.98	0.09	461,145.61	704,225.09	N 32°15'59.99"	W 103°48'22.83"	2,863.95	245.59
	21,751.00	90.69	357.88	9,833.28	2,800.92	-1,088.46	-2,610.44	6,449.78	1.80	461,240.56	704,222.66	N 32°16'01.93"	W 103°48'22.85"	2,828.27	247.37
	21,876.00	90.22	358.97	9,832.52	2,779.57	-993.50	-2,613.22	6,449.02	1.45	461,335.51	704,219.86	N 32°16'11.57"	W 103°48'22.86"	2,795.70	249.18
	21,970.00	90.30	359.10	9,832.10	2,757.32	-899.52	-2,614.80	6,448.60	0.16	461,429.49	704,218.30	N 32°16'21.80"	W 103°48'22.89"	2,765.20	251.02
	22,065.00	91.09	359.83	9,830.95	2,734.14	-804.53	-2,615.69	6,447.45	1.13	461,524.47	704,217.41	N 32°16'31.74"	W 103°48'22.90"	2,736.62	252.90
LTP / 100R FNL Cross	22,136.00	91.06	359.18	9,829.62	2,716.77	-733.54	-2,616.30	6,446.12	0.92	461,595.45	704,216.80	N 32°16'41.44"	W 103°48'22.90"	2,717.19	254.34
Final Survey	22,149.00	91.05	359.06	9,829.38	2,713.68	-720.55	-2,616.50	6,445.88	0.92	461,608.45	704,216.60	N 32°16'41.57"	W 103°48'22.90"	2,713.90	254.60
Projection to Total Depth	22,185.00	91.05	359.06	9,828.72	2,705.14	-684.56	-2,617.09	6,445.22	0.00	461,644.43	704,216.01	N 32°16'41.93"	W 103°48'22.91"	2705.14	255.34

Survey Type: DefinitiveSurvey

Survey Error Model: ISOWSA0 2.795 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Expected Max Inclination (deg)	Survey Tool Code	Borehole / Survey
	1	0.000	418.410	Act Stns		GYD_GC+DROP+OH	Vanadium 32 State 4H / Oxy Vanadium 32 State 4H Gyro+IFR1 to 22185ft
	1	418.410	22,185.000	Act Stns		A010Mb_MWD+IFR1+SAG+MS	Vanadium 32 State 4H / Oxy Vanadium 32 State 4H Gyro+IFR1 to 22185ft

EOU Geometry:

End MD (ft)	Hole Size (in)	Casing Size (in)	Name
22,185.000	26.400	26.400	

Intent As Drilled

API # 30-015-53276		
Operator Name: OXY USA INC	Property Name: VANADIUM 32 STATE COM	Well Number 4H

Kick Off Point (KOP) SEE AS-DRILLED C-102

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

First Take Point (FTP) SEE AS-DRILLED C-102

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

Last Take Point (LTP) SEE AS-DRILLED C-102

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? YES

Is this well an infill well? NO

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Office
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District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.
30-015-53276
5. Indicate Type of Lease
STATE [X] FEE []
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name
VANADIUM 32 STATE COM
8. Well Number- 4H
9. OGRID Number- 16696
10. Pool name or Wildcat
COTTON DRAW; BONE SPRING
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3360' GL

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)
1. Type of Well: Oil Well [X] Gas Well [] Other []
2. Name of Operator- OXY USA INC.
3. Address of Operator- P.O. BOX 50250 MIDLAND, TX 79710
4. Well Location
Unit Letter O : 620 feet from the SOUTH line and 2037 feet from the EAST line
Section 29 Township 23S Range 31E NMPM County- EDDY

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON []
TEMPORARILY ABANDON [] CHANGE PLANS []
PULL OR ALTER CASING [] MULTIPLE COMPL []
DOWNHOLE COMMINGLE []
CLOSED-LOOP SYSTEM []
OTHER: []
SUBSEQUENT REPORT OF:
REMEDIAL WORK [] ALTERING CASING []
COMMENCE DRILLING OPNS. [] P AND A []
CASING/CEMENT JOB []
OTHER: COMPLETION [X]

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

RUPU 07/20/23, RIH & clean out to PBSD @ 22141', pressure test casing to 11300# for 30 min, good test. RIH & perf @ 10799-22046' Total 1380 holes. Frac in 46 stages w/ 373319BBL Produced Water + 20332BBL Brackish Water (> 1,000 mg/I TDS and < 10,000 mg/I TDS) w/ 28172934# sand, RD NexTier 08/12/23. Well ready to produce 08/19/23. 09/23/23 RIH with 2-3/8" L80 4.7# tbg & gas lift set @ 9878', RD 09/23/23.

Spud Date: []

Rig Release Date: []

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jana Mendiola TITLE SR. REGULATORY ANALYST DATE 11-07-23

Type or print name JANA MENDIOLA E-mail address: janalyn_mendiola@oxy.com PHONE: 432-685-5936
For State Use Only

APPROVED BY: TITLE DATE

Conditions of Approval (if any):

INSTRUCTIONS

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.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Rustler 354'	T. Bell Canyon 4124'	T. Ojo Alamo	T. Penn A"
T. Salado 715'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 2617'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 4082'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 5118'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 6273'	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 7928'	T. Todilto	
T. Abo	T. 1 st Bone Springs 8966'	T. Entrada	
T. Wolfcamp	T. 2 nd Bone Springs 9629'	T. Wingate	
T. Penn	T. 3 rd Bone Springs	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
 No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

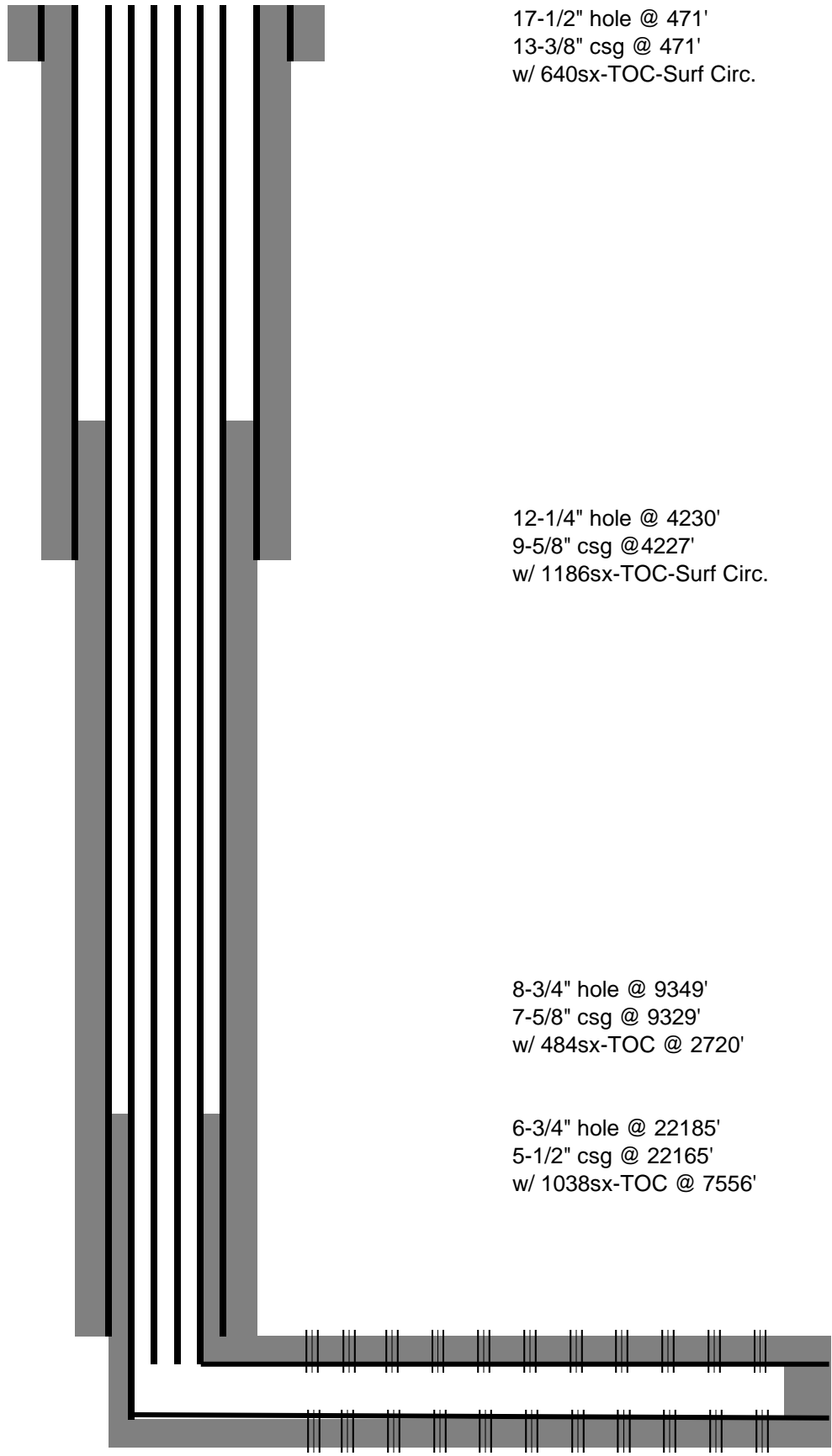
Include data on rate of water inflow and elevation to which water rose in hole.

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

OXY USA Inc.
Vanadium 32 State Com 4H
API No. 30-015-53276



17-1/2" hole @ 471'
13-3/8" csg @ 471'
w/ 640sx-TOC-Surf Circ.

12-1/4" hole @ 4230'
9-5/8" csg @ 4227'
w/ 1186sx-TOC-Surf Circ.

8-3/4" hole @ 9349'
7-5/8" csg @ 9329'
w/ 484sx-TOC @ 2720'

6-3/4" hole @ 22185'
5-1/2" csg @ 22165'
w/ 1038sx-TOC @ 7556'

2-3/8" tbg & gas lift @ 9878'

Perfs @ 10799-22046'

TD- 22185'M 9829'V

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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 308692

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 308692
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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

CONDITIONS

Action 308692

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 308692
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
smcgrath	None	1/31/2024