

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

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

Form C-104
Revised August 1, 2011

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- 11/10/2022
⁴ API Number 30-015-46371	⁵ Pool Name PURPLE SAGE WOLFCAMP <i>*NSL-8404</i>	⁶ Pool Code 98220
⁷ Property Code: 326150	⁸ Property Name: Arkenstone 31 Federal	⁹ Well Number: 171H

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
L 1	31	23S	31E		130	NORTH	1195	WEST	EDDY

¹¹ Bottom Hole Location FTP: 172' FNL 2190' FWL LTP: 418' FSL 2173' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	6	24S	31E		48	SOUTH	2172	WEST	EDDY
¹² Lse Code F	¹³ Producing Method Code : P		¹⁴ Gas Connection Date: 11/14/22		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
237722	CENTURION PIPELINE L.P.	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

²¹ Spud Date 07/09/22	²² Ready Date 11/10/22	²³ TD 22141'M 11470'V	²⁴ PBDT 22098'M 11469'V	²⁵ Perforations 16921-21771'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2"		13-3/8"		424'	545
12-1/4"		9-5/8"		4204'	1093
8-3/4"		7-5/8"		10814'	866
6-3/4"		5-1/2"		22121'	873

V. Well Test Data 2-3/8" tbg 11475'

³¹ Date New Oil 11/14/22	³² Gas Delivery Date 11/14/22	³³ Test Date 12/5/22	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 478
³⁷ Choke Size 128/128	³⁸ Oil 1818	³⁹ Water 4204	⁴⁰ Gas 3846		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: 03/14/2023 Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title: *PETROLEUM SPECIALIST*

Approval Date: *6/1/2023*

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⁷ Property Code: 326150	⁸ Property Name: Arkenstone 31 Federal	⁹ Well Number: 171H

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OIL CONSERVATION DIVISION

Approved by:

PATRICIA MARTINEZ

Title: *PETROLEUM SPECIALIST*

Approval Date: *6/1/2023*

1625 N. French Dr., Hobbs, NM 88240
 Phone: (575) 393-6161 Fax: (575) 393-0720
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 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
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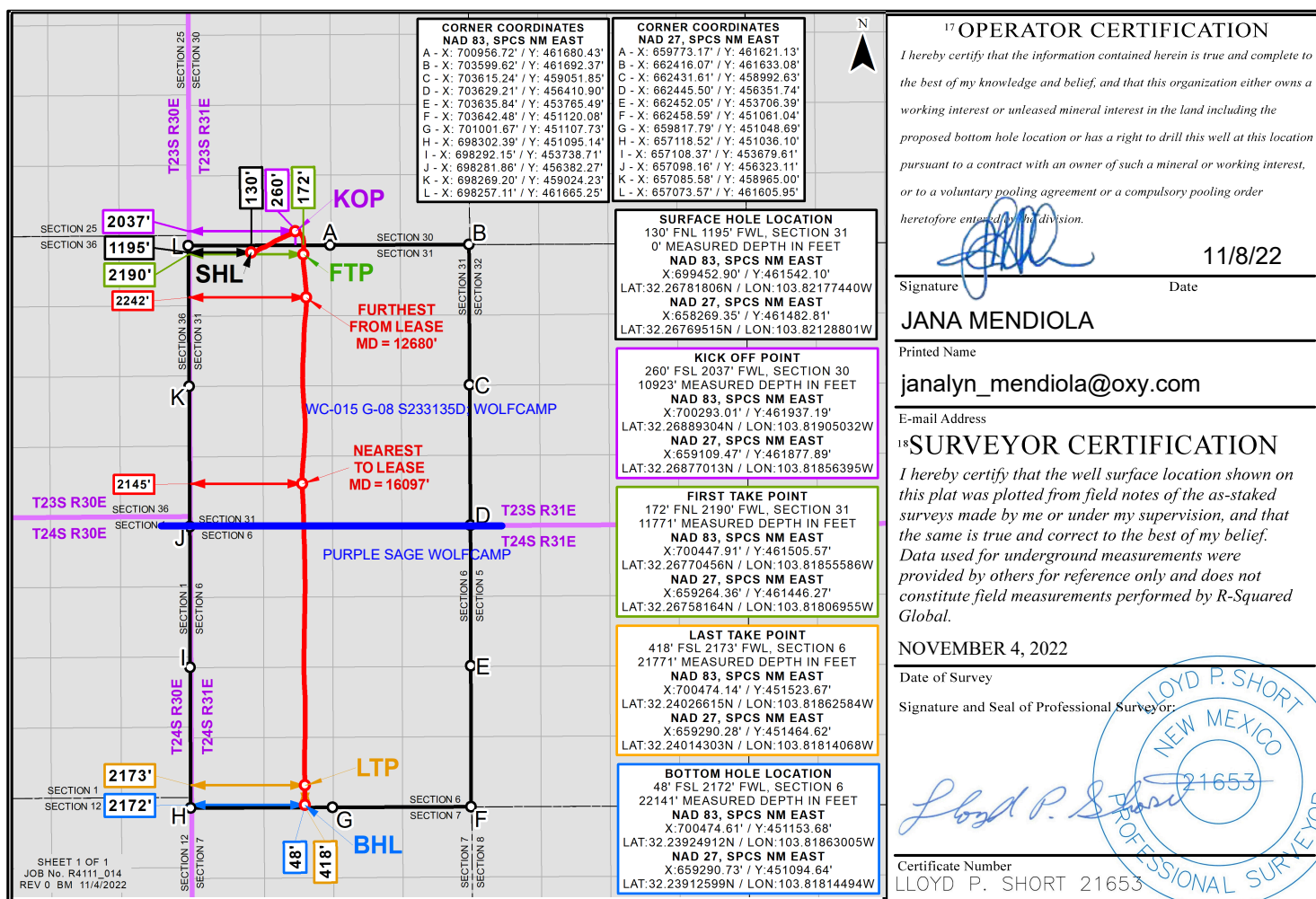
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46371	² Pool Code 98220	³ Pool Name PURPLE SAGE; WOLFCAMP
⁴ Property Code 326150	Property Name ARKENSTONE 31 FEDERAL	
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁶ Well Number 171H
		⁹ Elevation 3347'

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
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¹² Dedicated Acres 648.29	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-8404						

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: 0.99977803 Convergence Angle: 00°16'32.4192950"

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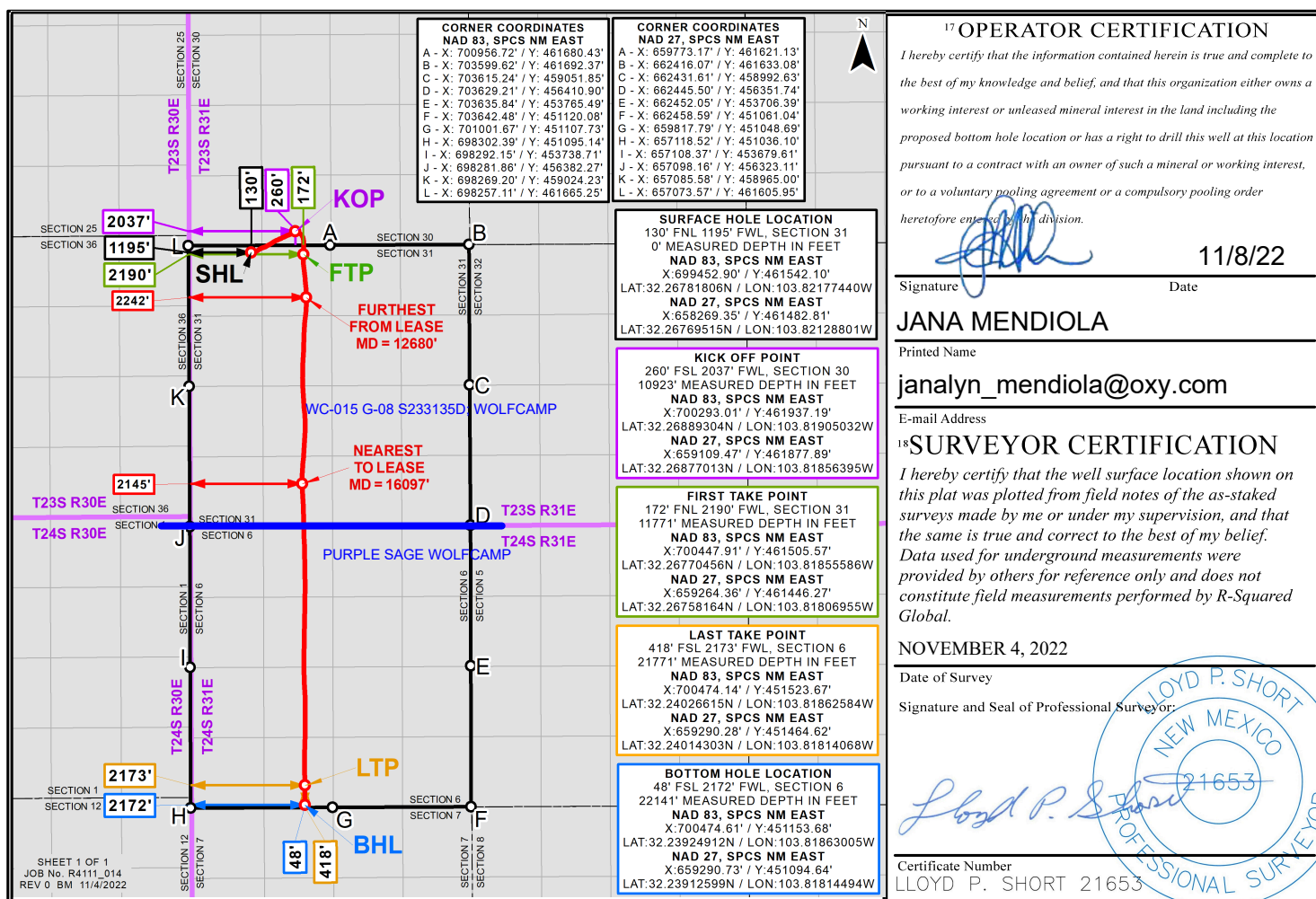
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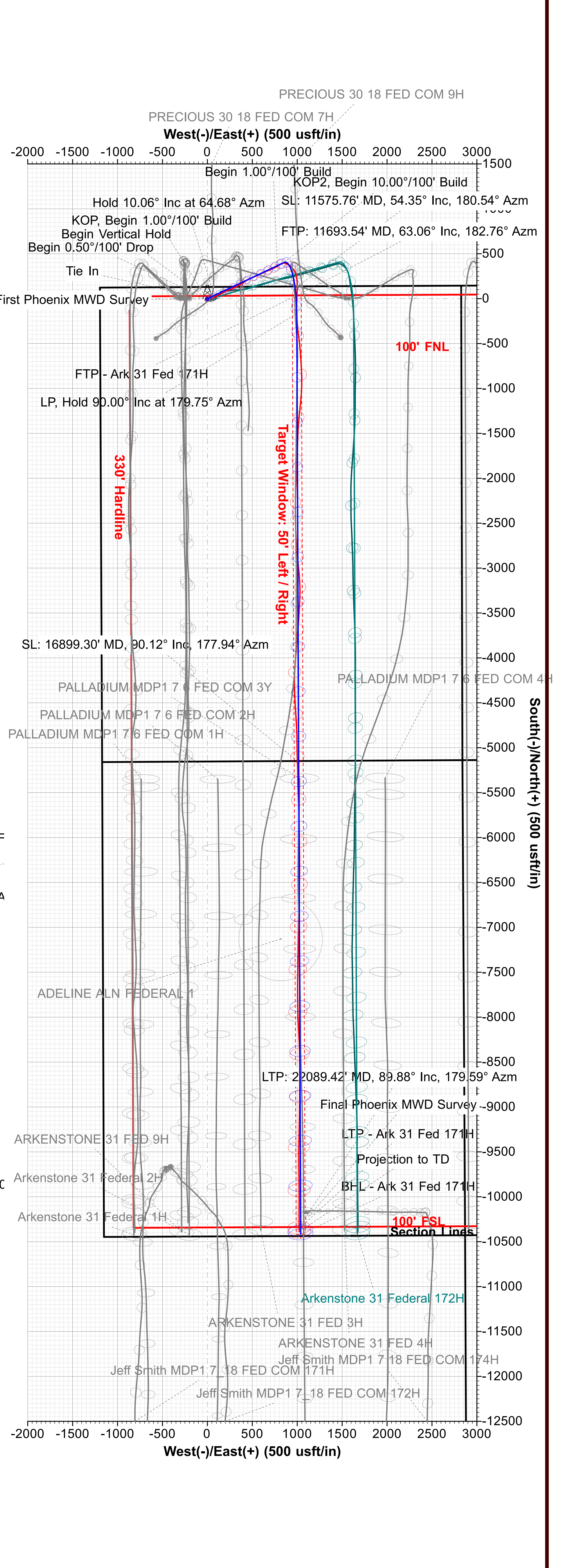
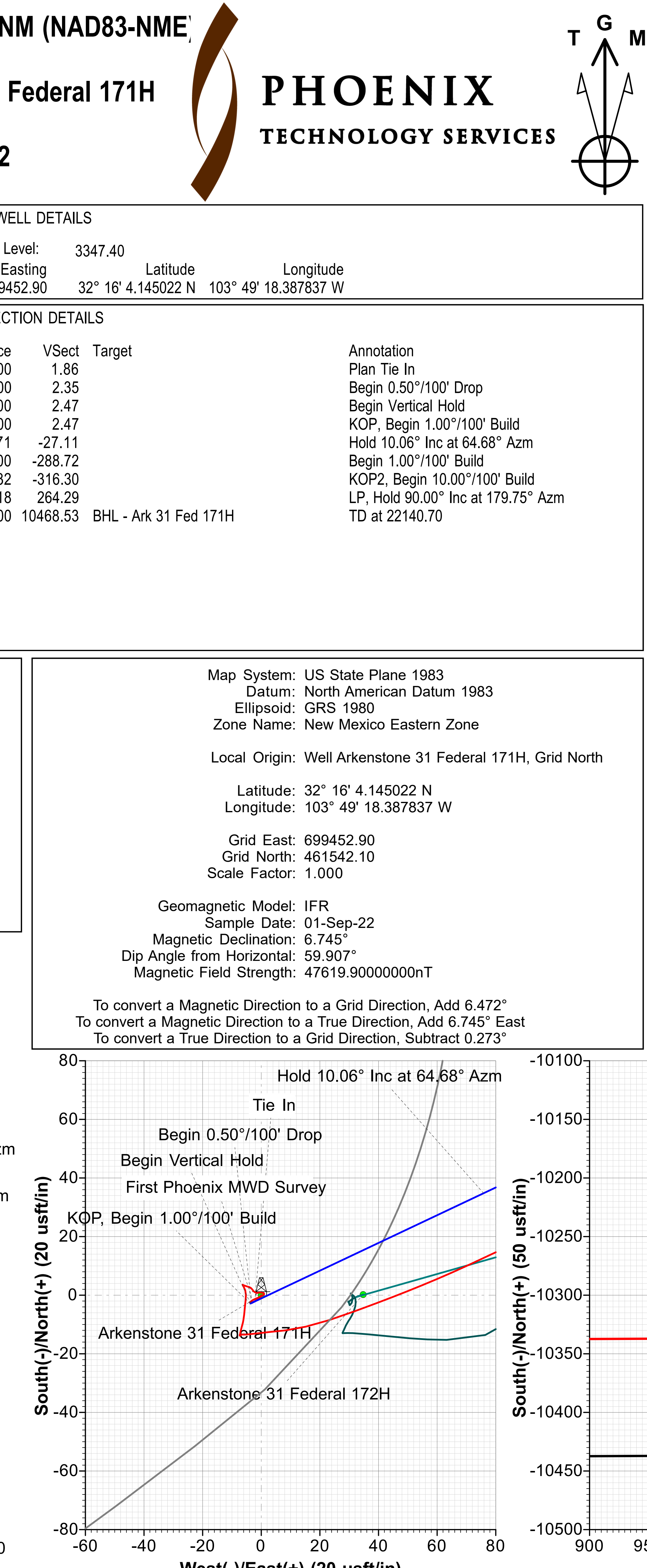
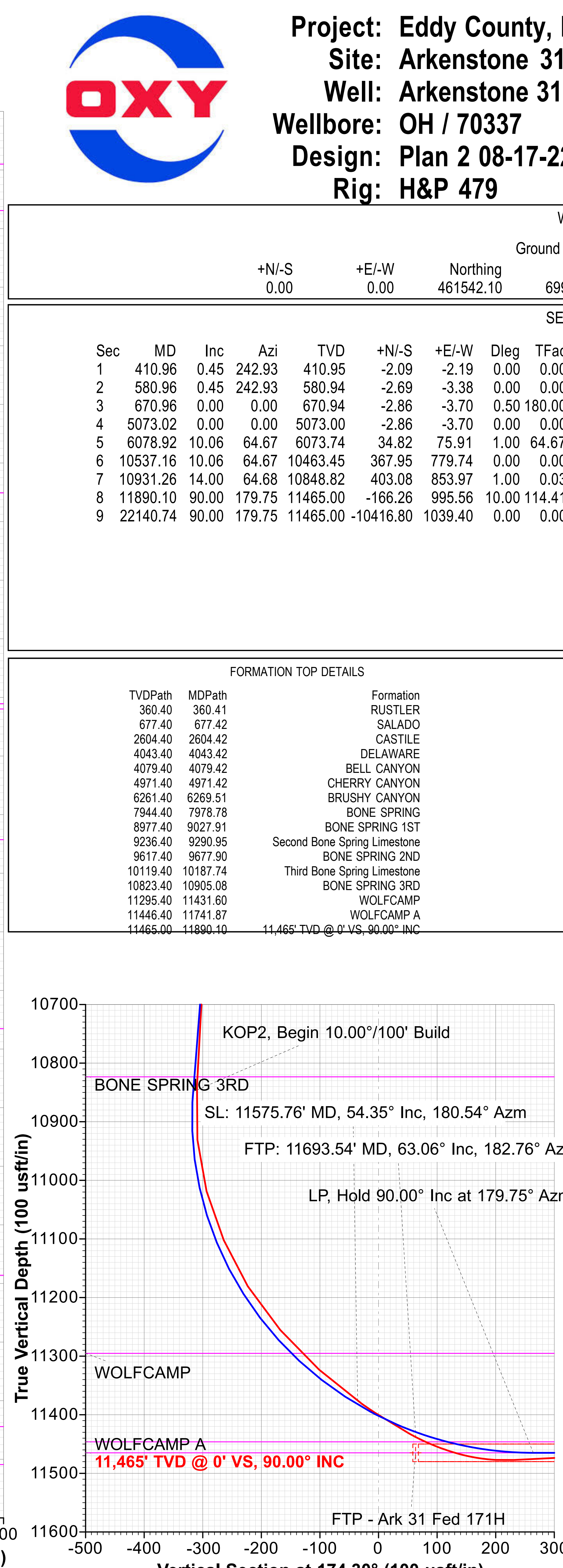
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Distances/areas relative to NAD 83 Combined Scale Factor: 0.99977803 Convergence Angle: 00°16'32.4192950"





OXY USA INC.

**Eddy County, NM (NAD83-NME)
Arkenstone 31
Arkenstone 31 Federal 171H**

OH / 70337

Design: Surveys (H&P 479)

Standard Survey Report

10 October, 2022





Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Arkenstone 31 Federal 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3372.40usft (H&P 479)
Site:	Arkenstone 31	MD Reference:	RKB @ 3372.40usft (H&P 479)
Well:	Arkenstone 31 Federal 171H	North Reference:	Grid
Wellbore:	OH / 70337	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Project	Eddy County, NM (NAD83-NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Arkenstone 31		
Site Position:		Northing:	461,588.60 usft
From:	Map	Easting:	702,735.30 usft
Position Uncertainty:	1.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 16' 4.448728 N
		Longitude:	103° 48' 40.155566 W
		Grid Convergence:	0.279 °

Well	Arkenstone 31 Federal 171H		
Well Position	+N/-S	0.00 usft	Northing: 461,542.10 usft
	+E/-W	0.00 usft	Easting: 699,452.90 usft
Position Uncertainty	1.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 16' 4.145022 N
		Longitude:	103° 49' 18.387838 W
		Ground Level:	3,347.40 usft

Wellbore	OH / 70337				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IFR	9/1/2022	6.745	59.907	47,619.90000000

Design	Surveys (H&P 479)				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	174.30	

Survey Program	Date	10/10/2022			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
25.00	410.96	Gyrodata Gyro Surveys - Adj Surface (OH	GYD_G003_GC+DROP+I	Gyrodata Stationary Tool drop on BHA on open h	
531.00	12,283.00	Phoenix MWD Surveys - SQC R5 1 (OH /	SQC_C705a_MWD+IFR1	OWSG MWD + IFR1 + Sag + FDIR Correction	
12,396.00	12,963.00	Phoenix MWD Surveys - SQC R5 2 (OH /	A009Mb_MWD+IFR1+SA	OWSG MWD + IFR1 + Sag Correction	
13,065.00	22,141.00	Phoenix MWD Surveys - SQC R5 3 (OH /	SQC_C705a_MWD+IFR1	OWSG MWD + IFR1 + Sag + FDIR Correction	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	
97.38	0.40	209.40	97.38	-0.22	-0.12	0.21	0.55	0.55	0.00	
154.32	0.48	220.73	154.32	-0.57	-0.38	0.53	0.21	0.14	19.90	
237.16	0.60	227.84	237.15	-1.13	-0.93	1.03	0.17	0.14	8.58	
333.35	0.52	232.32	333.34	-1.73	-1.64	1.56	0.09	-0.08	4.66	
410.96	0.45	242.93	410.95	-2.09	-2.19	1.86	0.15	-0.09	13.67	
Tie In										



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Arkenstone 31 Federal 171H
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Well:	Arkenstone 31 Federal 171H	North Reference:	Grid
Wellbore:	OH / 70337	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
531.00	0.24	231.29	530.98	-2.46	-2.81	2.17	0.18	-0.17	-9.70
First Phoenix MWD Survey									
624.00	0.21	249.84	623.98	-2.64	-3.12	2.32	0.08	-0.03	19.95
702.00	0.13	274.88	701.98	-2.68	-3.34	2.34	0.14	-0.10	32.10
796.00	0.23	286.23	795.98	-2.62	-3.63	2.25	0.11	0.11	12.07
889.00	0.03	359.24	888.98	-2.54	-3.81	2.15	0.24	-0.22	78.51
983.00	0.06	347.18	982.98	-2.47	-3.82	2.08	0.03	0.03	-12.83
1,077.00	0.16	41.69	1,076.98	-2.32	-3.75	1.94	0.14	0.11	57.99
1,170.00	0.56	53.44	1,169.98	-1.96	-3.29	1.62	0.44	0.43	12.63
1,264.00	0.73	64.33	1,263.97	-1.42	-2.39	1.18	0.22	0.18	11.59
1,357.00	0.63	67.18	1,356.97	-0.97	-1.38	0.83	0.11	-0.11	3.06
1,452.00	0.71	66.30	1,451.96	-0.53	-0.36	0.49	0.08	0.08	-0.93
1,547.00	0.55	56.89	1,546.96	-0.04	0.56	0.10	0.20	-0.17	-9.91
1,642.00	0.27	17.77	1,641.95	0.42	1.01	-0.32	0.40	-0.29	-41.18
1,736.00	0.31	291.16	1,735.95	0.72	0.84	-0.63	0.42	0.04	-92.14
1,831.00	0.24	276.39	1,830.95	0.84	0.40	-0.79	0.10	-0.07	-15.55
1,926.00	0.40	273.57	1,925.95	0.88	-0.12	-0.89	0.17	0.17	-2.97
2,020.00	0.23	264.14	2,019.95	0.88	-0.64	-0.94	0.19	-0.18	-10.03
2,115.00	0.22	265.66	2,114.95	0.85	-1.01	-0.94	0.01	-0.01	1.60
2,210.00	0.22	250.44	2,209.95	0.77	-1.37	-0.90	0.06	0.00	-16.02
2,304.00	0.26	294.80	2,303.95	0.80	-1.73	-0.97	0.20	0.04	47.19
2,398.00	0.14	310.53	2,397.95	0.97	-2.01	-1.16	0.14	-0.13	16.73
2,493.00	0.26	296.44	2,492.95	1.14	-2.29	-1.36	0.14	0.13	-14.83
2,587.00	0.22	314.51	2,586.94	1.36	-2.61	-1.61	0.09	-0.04	19.22
2,682.00	0.48	329.94	2,681.94	1.83	-2.94	-2.11	0.29	0.27	16.24
2,776.00	0.34	306.94	2,775.94	2.34	-3.36	-2.66	0.23	-0.15	-24.47
2,871.00	0.41	298.14	2,870.94	2.67	-3.89	-3.04	0.10	0.07	-9.26
2,966.00	0.44	283.35	2,965.94	2.91	-4.54	-3.35	0.12	0.03	-15.57
3,060.00	0.56	289.33	3,059.93	3.15	-5.32	-3.66	0.14	0.13	6.36
3,155.00	0.36	294.98	3,154.93	3.43	-6.03	-4.01	0.22	-0.21	5.95
3,249.00	0.11	294.54	3,248.93	3.59	-6.38	-4.21	0.27	-0.27	-0.47
3,344.00	0.30	140.70	3,343.93	3.44	-6.31	-4.05	0.42	0.20	-161.94
3,439.00	0.61	155.38	3,438.92	2.78	-5.94	-3.36	0.35	0.33	15.45
3,534.00	0.86	156.59	3,533.92	1.67	-5.45	-2.20	0.26	0.26	1.27
3,628.00	1.16	182.51	3,627.90	0.07	-5.21	-0.59	0.57	0.32	27.57
3,723.00	1.08	185.30	3,722.88	-1.78	-5.33	1.24	0.10	-0.08	2.94
3,818.00	1.03	185.72	3,817.87	-3.52	-5.50	2.96	0.05	-0.05	0.44
3,912.00	0.90	186.01	3,911.85	-5.10	-5.66	4.51	0.14	-0.14	0.31
4,007.00	1.08	186.25	4,006.84	-6.73	-5.84	6.12	0.19	0.19	0.25
4,102.00	1.08	189.92	4,101.82	-8.50	-6.09	7.85	0.07	0.00	3.86
4,149.00	1.02	192.15	4,148.82	-9.35	-6.25	8.68	0.15	-0.13	4.74
4,267.00	0.94	197.75	4,266.80	-11.29	-6.77	10.57	0.11	-0.07	4.75
4,361.00	1.11	189.98	4,360.78	-12.93	-7.16	12.15	0.23	0.18	-8.27
4,456.00	0.08	81.10	4,455.78	-13.82	-7.26	13.03	1.20	-1.08	-114.61



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Design:	Surveys (H&P 479)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,550.00	0.14	61.45	4,549.78	-13.76	-7.09	12.98	0.07	0.06	-20.90
4,645.00	0.13	309.61	4,644.78	-13.63	-7.07	12.86	0.24	-0.01	-117.73
4,740.00	0.12	134.60	4,739.78	-13.63	-7.08	12.86	0.26	-0.01	-184.22
4,835.00	0.15	289.83	4,834.78	-13.66	-7.13	12.89	0.28	0.03	163.40
4,929.00	0.13	227.87	4,928.78	-13.69	-7.33	12.90	0.15	-0.02	-65.91
5,024.00	0.10	6.92	5,023.78	-13.68	-7.39	12.88	0.23	-0.03	146.37
5,119.00	0.09	10.77	5,118.78	-13.53	-7.37	12.73	0.01	-0.01	4.05
5,213.00	0.64	89.86	5,212.77	-13.45	-6.83	12.71	0.67	0.59	84.14
5,308.00	1.45	89.18	5,307.76	-13.43	-5.10	12.86	0.85	0.85	-0.72
5,402.00	2.37	80.07	5,401.71	-13.08	-2.00	12.82	1.03	0.98	-9.69
5,497.00	3.22	86.51	5,496.59	-12.58	2.60	12.78	0.95	0.89	6.78
5,592.00	3.86	82.00	5,591.41	-11.97	8.43	12.75	0.73	0.67	-4.75
5,686.00	4.58	77.65	5,685.15	-10.73	15.23	12.19	0.84	0.77	-4.63
5,781.00	5.21	71.38	5,779.81	-8.54	23.02	10.78	0.87	0.66	-6.60
5,876.00	5.86	70.52	5,874.37	-5.55	31.68	8.66	0.69	0.68	-0.91
5,971.00	6.80	68.83	5,968.78	-1.90	41.50	6.01	1.01	0.99	-1.78
6,066.00	7.60	68.37	6,063.04	2.45	52.59	2.78	0.84	0.84	-0.48
6,160.00	9.27	65.91	6,156.02	7.83	65.28	-1.31	1.82	1.78	-2.62
6,255.00	10.97	64.56	6,249.53	14.84	80.43	-6.78	1.81	1.79	-1.42
6,349.00	11.45	62.33	6,341.74	23.01	96.76	-13.29	0.69	0.51	-2.37
6,444.00	10.61	59.93	6,434.99	31.77	112.69	-20.43	1.01	-0.88	-2.53
6,539.00	11.45	60.77	6,528.23	40.76	128.48	-27.80	0.90	0.88	0.88
6,634.00	10.42	56.23	6,621.51	50.14	143.85	-35.61	1.41	-1.08	-4.78
6,729.00	10.62	59.16	6,714.91	59.40	158.51	-43.37	0.60	0.21	3.08
6,823.00	11.30	62.63	6,807.20	68.08	174.13	-50.45	1.01	0.72	3.69
6,918.00	11.09	65.02	6,900.39	76.22	190.67	-56.91	0.54	-0.22	2.52
7,013.00	11.09	69.05	6,993.62	83.34	207.49	-62.33	0.82	0.00	4.24
7,107.00	11.06	70.13	7,085.86	89.64	224.41	-66.91	0.22	-0.03	1.15
7,202.00	11.39	70.26	7,179.05	95.90	241.81	-71.42	0.35	0.35	0.14
7,297.00	11.26	66.87	7,272.20	102.72	259.17	-76.48	0.71	-0.14	-3.57
7,391.00	11.21	63.81	7,364.40	110.35	275.81	-82.42	0.64	-0.05	-3.26
7,486.00	11.20	64.86	7,457.59	118.35	292.45	-88.73	0.22	-0.01	1.11
7,580.00	11.21	64.38	7,549.80	126.18	308.95	-94.88	0.10	0.01	-0.51
7,675.00	11.00	65.51	7,643.02	133.93	325.52	-100.95	0.32	-0.22	1.19
7,770.00	10.98	60.37	7,736.28	142.16	341.64	-107.53	1.03	-0.02	-5.41
7,864.00	11.15	56.41	7,828.53	151.61	356.99	-115.42	0.83	0.18	-4.21
7,959.00	10.76	56.59	7,921.80	161.58	372.04	-123.84	0.41	-0.41	0.19
8,054.00	10.28	57.19	8,015.20	171.05	386.57	-131.83	0.52	-0.51	0.63
8,149.00	10.47	58.43	8,108.65	180.17	401.05	-139.46	0.31	0.20	1.31
8,243.00	10.81	57.26	8,201.03	189.40	415.74	-147.19	0.43	0.36	-1.24
8,338.00	10.44	58.78	8,294.40	198.68	430.60	-154.95	0.49	-0.39	1.60
8,432.00	10.70	60.57	8,386.81	207.39	445.48	-162.13	0.45	0.28	1.90
8,526.00	10.75	64.33	8,479.17	215.47	460.98	-168.64	0.75	0.05	4.00



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Arkenstone 31 Federal 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3372.40usft (H&P 479)
Site:	Arkenstone 31	MD Reference:	RKB @ 3372.40usft (H&P 479)
Well:	Arkenstone 31 Federal 171H	North Reference:	Grid
Wellbore:	OH / 70337	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,621.00	10.63	65.60	8,572.52	222.93	476.95	-174.47	0.28	-0.13	1.34
8,716.00	10.52	64.83	8,665.91	230.24	492.78	-180.17	0.19	-0.12	-0.81
8,810.00	10.17	64.59	8,758.38	237.45	508.04	-185.83	0.38	-0.37	-0.26
8,905.00	10.37	64.49	8,851.86	244.73	523.33	-191.56	0.21	0.21	-0.11
9,000.00	10.53	65.72	8,945.28	251.98	538.96	-197.22	0.29	0.17	1.29
9,094.00	11.03	65.85	9,037.62	259.19	554.99	-202.81	0.53	0.53	0.14
9,189.00	10.96	66.41	9,130.88	266.52	571.56	-208.46	0.13	-0.07	0.59
9,283.00	10.98	68.01	9,223.16	273.45	588.05	-213.71	0.32	0.02	1.70
9,378.00	10.05	62.88	9,316.57	280.62	603.82	-219.28	1.39	-0.98	-5.40
9,473.00	10.23	65.82	9,410.08	287.85	618.89	-224.98	0.58	0.19	3.09
9,567.00	10.08	65.95	9,502.61	294.62	634.02	-230.22	0.16	-0.16	0.14
9,662.00	10.21	68.69	9,596.13	301.07	649.46	-235.10	0.53	0.14	2.88
9,757.00	10.70	66.98	9,689.55	307.58	665.42	-239.99	0.61	0.52	-1.80
9,852.00	10.30	66.77	9,782.96	314.38	681.34	-245.18	0.42	-0.42	-0.22
9,946.00	10.41	64.65	9,875.43	321.33	696.74	-250.56	0.42	0.12	-2.26
10,041.00	9.12	68.66	9,969.05	327.74	711.51	-255.48	1.53	-1.36	4.22
10,136.00	10.11	67.36	10,062.71	333.69	726.21	-259.94	1.07	1.04	-1.37
10,230.00	9.77	65.92	10,155.30	340.12	741.11	-264.86	0.45	-0.36	-1.53
10,325.00	9.96	67.29	10,248.90	346.58	756.05	-269.81	0.32	0.20	1.44
10,419.00	9.83	57.31	10,341.51	354.06	770.30	-275.83	1.83	-0.14	-10.62
10,514.00	9.66	54.37	10,435.14	363.08	783.61	-283.48	0.55	-0.18	-3.09
10,609.00	9.46	55.98	10,528.82	372.09	796.55	-291.16	0.35	-0.21	1.69
10,725.00	9.06	62.92	10,643.31	381.58	812.59	-299.02	1.02	-0.34	5.98
10,828.00	9.69	66.09	10,744.93	388.79	827.73	-304.68	0.79	0.61	3.08
10,923.00	7.16	58.86	10,838.90	395.09	840.11	-309.73	2.88	-2.66	-7.61
11,017.00	16.99	97.91	10,930.84	396.24	858.80	-309.01	13.05	10.46	41.54
11,112.00	27.50	118.09	11,018.77	383.95	892.04	-293.48	13.53	11.06	21.24
11,207.00	30.51	129.33	11,101.90	358.31	930.08	-264.19	6.54	3.17	11.83
11,301.00	35.56	146.37	11,180.85	320.32	963.77	-223.05	11.20	5.37	18.13
11,396.00	41.33	163.71	11,255.44	267.01	987.96	-167.60	12.82	6.07	18.25
11,491.00	47.94	175.81	11,323.13	201.54	999.37	-101.32	11.31	6.96	12.74
11,575.76	54.35	180.54	11,376.30	135.63	1,001.34	-35.54	8.72	7.56	5.58
SL: 11575.76' MD, 54.35° Inc, 180.54° Azm									
11,585.00	55.06	181.01	11,381.64	128.09	1,001.24	-28.04	8.72	7.68	5.06
11,680.00	61.08	182.95	11,431.86	47.56	998.41	51.81	6.57	6.34	2.04
11,693.54	63.06	182.76	11,438.20	35.61	997.81	63.64	14.71	14.66	-1.40
FTP: 11693.54' MD, 63.06° Inc, 182.76° Azm									
11,775.00	75.01	181.73	11,467.29	-40.26	994.87	138.84	14.71	14.66	-1.26
11,869.00	92.84	179.61	11,477.20	-133.35	993.81	231.36	19.10	18.97	-2.26
11,964.00	92.64	176.67	11,472.66	-228.18	996.89	326.03	3.10	-0.21	-3.09
12,058.00	87.87	174.19	11,472.24	-321.85	1,004.37	419.98	5.72	-5.07	-2.64
12,153.00	85.15	171.93	11,478.02	-415.96	1,015.83	514.76	3.72	-2.86	-2.38
12,248.00	86.63	173.87	11,484.83	-509.98	1,027.54	609.48	2.56	1.56	2.04
12,283.00	89.22	175.18	11,486.10	-544.80	1,030.87	644.46	8.29	7.40	3.74



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Arkenstone 31 Federal 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3372.40usft (H&P 479)
Site:	Arkenstone 31	MD Reference:	RKB @ 3372.40usft (H&P 479)
Well:	Arkenstone 31 Federal 171H	North Reference:	Grid
Wellbore:	OH / 70337	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,396.00	91.86	176.06	11,485.03	-657.45	1,039.50	757.41	2.46	2.34	0.78
12,490.00	90.35	176.96	11,483.22	-751.25	1,045.22	851.32	1.87	-1.61	0.96
12,585.00	88.27	177.83	11,484.37	-846.14	1,049.54	946.17	2.37	-2.19	0.92
12,680.00	87.34	180.73	11,488.01	-941.05	1,050.73	1,040.73	3.20	-0.98	3.05
12,774.00	86.75	182.78	11,492.85	-1,034.88	1,047.86	1,133.81	2.27	-0.63	2.18
12,868.00	83.92	185.73	11,500.50	-1,128.29	1,040.91	1,226.07	4.34	-3.01	3.14
12,963.00	82.03	186.55	11,512.12	-1,222.03	1,030.83	1,318.34	2.17	-1.99	0.86
13,065.00	81.33	185.35	11,526.88	-1,322.41	1,020.37	1,417.19	1.35	-0.69	-1.18
13,159.00	84.57	183.57	11,538.41	-1,415.40	1,013.12	1,509.00	3.93	3.45	-1.89
13,254.00	87.55	182.63	11,544.94	-1,510.03	1,008.00	1,602.65	3.29	3.14	-0.99
13,349.00	90.72	181.68	11,546.37	-1,604.94	1,004.43	1,696.73	3.48	3.34	-1.00
13,444.00	90.72	181.82	11,545.18	-1,699.89	1,001.53	1,790.93	0.15	0.00	0.15
13,538.00	91.69	182.40	11,543.20	-1,793.80	998.07	1,884.03	1.20	1.03	0.62
13,633.00	91.64	182.41	11,540.44	-1,888.68	994.08	1,978.04	0.05	-0.05	0.01
13,728.00	91.70	182.36	11,537.67	-1,983.55	990.13	2,072.06	0.08	0.06	-0.05
13,823.00	92.14	182.55	11,534.49	-2,078.41	986.06	2,166.05	0.50	0.46	0.20
13,918.00	92.26	181.69	11,530.84	-2,173.28	982.55	2,260.09	0.91	0.13	-0.91
14,012.00	92.41	180.68	11,527.01	-2,267.18	980.61	2,353.34	1.09	0.16	-1.07
14,107.00	92.97	179.84	11,522.56	-2,362.07	980.18	2,447.72	1.06	0.59	-0.88
14,202.00	93.14	179.33	11,517.49	-2,456.93	980.86	2,542.18	0.57	0.18	-0.54
14,297.00	92.71	177.91	11,512.64	-2,551.78	983.15	2,636.78	1.56	-0.45	-1.49
14,392.00	93.28	177.30	11,507.68	-2,646.56	987.11	2,731.50	0.88	0.60	-0.64
14,486.00	93.01	176.12	11,502.52	-2,740.27	992.50	2,825.27	1.29	-0.29	-1.26
14,581.00	91.56	175.23	11,498.74	-2,834.92	999.66	2,920.16	1.79	-1.53	-0.94
14,676.00	92.59	174.55	11,495.30	-2,929.48	1,008.11	3,015.09	1.30	1.08	-0.72
14,770.00	93.09	174.16	11,490.64	-3,022.90	1,017.35	3,108.98	0.67	0.53	-0.41
14,865.00	92.62	176.20	11,485.91	-3,117.45	1,025.32	3,203.84	2.20	-0.49	2.15
14,960.00	92.39	178.31	11,481.75	-3,212.24	1,029.87	3,298.62	2.23	-0.24	2.22
15,055.00	90.99	181.40	11,478.95	-3,307.19	1,030.11	3,393.12	3.57	-1.47	3.25
15,150.00	89.77	183.36	11,478.32	-3,402.09	1,026.16	3,487.17	2.43	-1.28	2.06
15,245.00	89.73	182.97	11,478.74	-3,496.95	1,020.92	3,581.03	0.41	-0.04	-0.41
15,339.00	89.47	184.15	11,479.39	-3,590.76	1,015.08	3,673.81	1.29	-0.28	1.26
15,434.00	89.04	185.16	11,480.63	-3,685.44	1,007.37	3,767.25	1.16	-0.45	1.06
15,529.00	88.76	184.24	11,482.45	-3,780.10	999.59	3,860.67	1.01	-0.29	-0.97
15,623.00	90.62	184.34	11,482.96	-3,873.83	992.56	3,953.24	1.98	1.98	0.11
15,718.00	90.76	184.90	11,481.82	-3,968.52	984.91	4,046.70	0.61	0.15	0.59
15,813.00	90.65	184.12	11,480.65	-4,063.22	977.44	4,140.19	0.83	-0.12	-0.82
15,907.00	91.26	182.26	11,479.08	-4,157.05	972.21	4,233.04	2.08	0.65	-1.98
16,002.00	91.52	180.58	11,476.78	-4,251.99	969.85	4,327.28	1.79	0.27	-1.77
16,097.00	91.12	178.87	11,474.59	-4,346.96	970.31	4,421.82	1.85	-0.42	-1.80
16,191.00	88.44	176.73	11,474.95	-4,440.88	973.92	4,515.63	3.65	-2.85	-2.28
16,286.00	90.09	177.21	11,476.17	-4,535.73	978.94	4,610.52	1.81	1.74	0.51
16,380.00	85.47	176.14	11,479.81	-4,629.48	984.38	4,704.34	5.04	-4.91	-1.14



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Arkenstone 31 Federal 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3372.40usft (H&P 479)
Site:	Arkenstone 31	MD Reference:	RKB @ 3372.40usft (H&P 479)
Well:	Arkenstone 31 Federal 171H	North Reference:	Grid
Wellbore:	OH / 70337	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,475.00	87.91	176.69	11,485.29	-4,724.13	990.31	4,799.11	2.63	2.57	0.58
16,570.00	88.99	177.47	11,487.86	-4,818.97	995.15	4,893.96	1.40	1.14	0.82
16,664.00	90.39	179.26	11,488.37	-4,912.92	997.83	4,987.72	2.42	1.49	1.90
16,759.00	89.60	179.68	11,488.38	-5,007.92	998.71	5,082.33	0.94	-0.83	0.44
16,853.00	90.03	177.78	11,488.68	-5,101.89	1,000.79	5,176.04	2.07	0.46	-2.02
16,899.30	90.12	177.94	11,488.62	-5,148.16	1,002.52	5,222.26	0.39	0.20	0.34
SL: 16899.30' MD, 90.12° Inc, 177.94° Azm									
16,948.00	90.22	178.10	11,488.47	-5,196.83	1,004.21	5,270.85	0.39	0.20	0.34
17,043.00	90.27	178.98	11,488.07	-5,291.79	1,006.63	5,365.59	0.93	0.05	0.93
17,137.00	90.87	178.36	11,487.13	-5,385.76	1,008.81	5,459.31	0.92	0.64	-0.66
17,232.00	90.38	177.76	11,486.10	-5,480.70	1,012.02	5,554.10	0.82	-0.52	-0.63
17,326.00	91.56	178.15	11,484.51	-5,574.63	1,015.38	5,647.90	1.32	1.26	0.41
17,421.00	90.29	177.81	11,482.97	-5,669.55	1,018.73	5,742.69	1.38	-1.34	-0.36
17,516.00	90.70	179.57	11,482.15	-5,764.52	1,020.90	5,837.40	1.90	0.43	1.85
17,610.00	91.00	179.06	11,480.76	-5,858.50	1,022.02	5,931.03	0.63	0.32	-0.54
17,705.00	90.71	179.47	11,479.34	-5,953.48	1,023.24	6,025.66	0.53	-0.31	0.43
17,799.00	89.70	179.50	11,479.00	-6,047.48	1,024.09	6,119.28	1.07	-1.07	0.03
17,894.00	88.58	179.02	11,480.43	-6,142.46	1,025.31	6,213.91	1.28	-1.18	-0.51
17,989.00	89.87	178.94	11,481.71	-6,237.43	1,027.00	6,308.58	1.36	1.36	-0.08
18,083.00	90.61	180.46	11,481.32	-6,331.43	1,027.50	6,402.16	1.80	0.79	1.62
18,178.00	90.75	180.88	11,480.19	-6,426.41	1,026.38	6,496.57	0.47	0.15	0.44
18,272.00	89.46	180.83	11,480.02	-6,520.40	1,024.98	6,589.95	1.37	-1.37	-0.05
18,367.00	89.56	180.01	11,480.83	-6,615.39	1,024.29	6,684.41	0.87	0.11	-0.86
18,461.00	90.13	181.65	11,481.09	-6,709.38	1,022.92	6,777.79	1.85	0.61	1.74
18,556.00	89.20	181.52	11,481.64	-6,804.34	1,020.30	6,872.02	0.99	-0.98	-0.14
18,651.00	89.84	181.41	11,482.44	-6,899.31	1,017.87	6,966.28	0.68	0.67	-0.12
18,745.00	89.19	181.14	11,483.23	-6,993.28	1,015.78	7,059.58	0.75	-0.69	-0.29
18,840.00	89.36	180.75	11,484.44	-7,088.26	1,014.21	7,153.93	0.45	0.18	-0.41
18,934.00	90.33	180.84	11,484.69	-7,182.25	1,012.91	7,247.33	1.04	1.03	0.10
19,029.00	89.20	181.13	11,485.08	-7,277.23	1,011.27	7,341.68	1.23	-1.19	0.31
19,123.00	89.50	181.42	11,486.15	-7,371.20	1,009.18	7,434.98	0.44	0.32	0.31
19,218.00	89.00	181.12	11,487.39	-7,466.17	1,007.08	7,529.27	0.61	-0.53	-0.32
19,312.00	89.98	180.71	11,488.23	-7,560.15	1,005.57	7,622.64	1.13	1.04	-0.44
19,407.00	90.12	180.21	11,488.14	-7,655.15	1,004.81	7,717.09	0.55	0.15	-0.53
19,501.00	89.51	179.73	11,488.45	-7,749.15	1,004.86	7,810.63	0.83	-0.65	-0.51
19,596.00	89.42	179.14	11,489.33	-7,844.14	1,005.80	7,905.24	0.63	-0.09	-0.62
19,691.00	90.23	178.47	11,489.62	-7,939.12	1,007.78	7,999.95	1.11	0.85	-0.71
19,785.00	90.54	177.97	11,488.99	-8,033.07	1,010.70	8,093.73	0.63	0.33	-0.53
19,880.00	90.45	176.87	11,488.17	-8,127.97	1,014.97	8,188.58	1.16	-0.09	-1.16
19,974.00	90.15	176.86	11,487.68	-8,221.83	1,020.12	8,282.48	0.32	-0.32	-0.01
20,069.00	90.63	177.74	11,487.03	-8,316.72	1,024.59	8,377.35	1.06	0.51	0.93
20,164.00	90.69	178.89	11,485.94	-8,411.67	1,027.38	8,472.11	1.21	0.06	1.21
20,258.00	91.00	179.36	11,484.55	-8,505.65	1,028.82	8,565.77	0.60	0.33	0.50



Phoenix Survey Report



Company:	OXY USA INC.	Local Co-ordinate Reference:	Well Arkenstone 31 Federal 171H
Project:	Eddy County, NM (NAD83-NME)	TVD Reference:	RKB @ 3372.40usft (H&P 479)
Site:	Arkenstone 31	MD Reference:	RKB @ 3372.40usft (H&P 479)
Well:	Arkenstone 31 Federal 171H	North Reference:	Grid
Wellbore:	OH / 70337	Survey Calculation Method:	Minimum Curvature
Design:	Surveys (H&P 479)	Database:	USA Compass

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
20,353.00	90.19	179.96	11,483.57	-8,600.64	1,029.38	8,660.35	1.06	-0.85	0.63
20,447.00	90.18	179.93	11,483.26	-8,694.64	1,029.47	8,753.89	0.03	-0.01	-0.03
20,541.00	91.02	180.63	11,482.28	-8,788.63	1,029.01	8,847.37	1.16	0.89	0.74
20,636.00	90.44	180.57	11,481.07	-8,883.62	1,028.02	8,941.79	0.61	-0.61	-0.06
20,731.00	90.69	180.91	11,480.13	-8,978.60	1,026.79	9,036.19	0.44	0.26	0.36
20,920.00	90.86	180.64	11,477.57	-9,167.57	1,024.24	9,223.96	0.17	0.09	-0.14
21,014.00	91.78	181.50	11,475.41	-9,261.53	1,022.48	9,317.28	1.34	0.98	0.91
21,108.00	90.34	181.47	11,473.67	-9,355.48	1,020.05	9,410.53	1.53	-1.53	-0.03
21,203.00	90.58	180.69	11,472.91	-9,450.45	1,018.26	9,504.86	0.86	0.25	-0.82
21,297.00	90.31	179.80	11,472.18	-9,544.45	1,017.85	9,598.35	0.99	-0.29	-0.95
21,392.00	90.55	179.43	11,471.46	-9,639.45	1,018.49	9,692.94	0.46	0.25	-0.39
21,487.00	90.02	179.48	11,470.99	-9,734.44	1,019.40	9,787.55	0.56	-0.56	0.05
21,582.00	89.82	179.21	11,471.12	-9,829.43	1,020.48	9,882.18	0.35	-0.21	-0.28
21,677.00	90.20	179.99	11,471.11	-9,924.43	1,021.14	9,976.78	0.91	0.40	0.82
21,771.00	89.92	179.89	11,471.01	-10,018.43	1,021.24	10,070.32	0.32	-0.30	-0.11
21,865.00	90.45	180.22	11,470.71	-10,112.43	1,021.15	10,163.85	0.66	0.56	0.35
21,960.00	90.35	180.17	11,470.04	-10,207.43	1,020.83	10,258.34	0.12	-0.11	-0.05
22,054.00	90.03	179.53	11,469.73	-10,301.42	1,021.08	10,351.90	0.76	-0.34	-0.68
22,089.42	89.88	179.59	11,469.76	-10,336.84	1,021.35	10,387.17	0.45	-0.42	0.16
LTP: 22089.42' MD, 89.88° Inc, 179.59° Azm									
22,097.00	89.85	179.60	11,469.78	-10,344.42	1,021.40	10,394.72	0.45	-0.42	0.16
Final Phoenix MWD Survey									
22,141.00	89.85	179.60	11,469.89	-10,388.42	1,021.71	10,438.53	0.00	0.00	0.00
Projection to TD									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
410.96	410.95	-2.09	-2.19	Tie In
531.00	530.98	-2.46	-2.81	First Phoenix MWD Survey
11,575.76	11,376.30	135.63	1,001.34	SL: 11575.76' MD, 54.35° Inc, 180.54° Azm
11,693.54	11,438.20	35.61	997.81	FTP: 11693.54' MD, 63.06° Inc, 182.76° Azm
16,899.30	11,488.62	-5,148.16	1,002.52	SL: 16899.30' MD, 90.12° Inc, 177.94° Azm
22,089.42	11,469.76	-10,336.84	1,021.35	LTP: 22089.42' MD, 89.88° Inc, 179.59° Azm
22,097.00	11,469.78	-10,344.42	1,021.40	Final Phoenix MWD Survey
22,141.00	11,469.89	-10,388.42	1,021.71	Projection to TD

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

Submit 1 Copy To Appropriate District Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 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

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 ☒ 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 ___ L1 ___: ___ 130 ___ feet from the ___ NORTH ___ line and ___ 1195 ___ feet from the ___ WEST ___ line Section 31 Township 23S Range 31E NMPM County- EDDY 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3347' GL		WELL API NO. 30-015-46371 5. Indicate Type of Lease- FED STATE ☐ FEE ☐ 6. State Oil & Gas Lease No. 7. Lease Name or Unit Agreement Name ARKENSTONE 31 FEDERAL 8. Well Number- 171H 9. OGRID Number- 16696 10. Pool name or Wildcat PURPLE SAGE WOLFCAMP / WC-015 G-08 S233135; WOLFCAMP
---	--	--

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 ☒
--	---

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 10/15/22, RIH & clean out to PBTD @ 22098', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 11771-21771' Total 1230 holes. Frac in 41 stages w/ 373483BBL Produced Water w/ 25680962# sand, RD NexTier 11/1/22. Well ready to produce 11/10/22. 1/11/23 RIH with 2-3/8" L80 tbg & gas lift set @ 11475', RD 1/12/23.

Formation Tops for this completion are as follows:

Rustler	350'M	350'V
Salado	667'M	667'V
Castile	2058'M	2058'V
Delaware	3987'M	3987'V
Bell Canyon	4115'M	4115'V
Cherry Canyon	4992'M	4992'V
Brushy Canyon	6251'M	6246'V
Bone Spring	7937'M	7900'V
1st Bone Spring	8981'M	8926'V
2nd Bone Spring	9681'M	9615'V
3rd Bone Spring	10997'M	10912'V
Wolfcamp	11505'M	11332'V

Spud Date:

Rig Release Date:

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

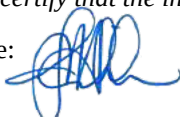
SIGNATURE  TITLE SR. REGULATORY ANALYST DATE 03-14-23

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):

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. 30-015-46371			
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			
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER							3. State Oil & Gas Lease No.			
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:		31	23S	31E	1	130	NORTH	1195	WEST	EDDY
BH:	N	6	24S	31E		48	SOUTH	2172	WEST	EDDY
13. Date Spudded 07/9/2022	14. Date T.D. Reached 10/06/2022	15. Date Rig Released 10/09/2022			16. Date Completed (Ready to Produce) 11/10/2022			17. Elevations (DF and RKB, RT, GR, etc.) 3347' GL		
18. Total Measured Depth of Well 22141'M 11470'V			19. Plug Back Measured Depth 22098'M 11469'V			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run GAMMA RAY		
22. Producing Interval(s), of this completion - Top, Bottom, Name 16921-21771' 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		424'		17.5"		545sx-surf circ		
9.625" HCL80		40		4204'		12.25"		1093sx-surf circ		
7.625" HCL80		29.7		10814'		8.75"		866sx-surf circ		
5.5" P110 ICY		20		22121'		6.75"		873sx-TOC@10314'		
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD		SIZE		DEPTH SET
								2.375		11475'
26. Perforation record (interval, size, and number) Perf @ 16921-21771' Total 615 holes, Hole Size=0.42					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
					16921-21771'		373483BBL Produced Water w/ 25680962# sand			
28. PRODUCTION										
Date First Production 11/14/2022		Production Method (Flowing, gas lift, pumping - Size and type pump) Gas lift				Well Status (Prod. or Shut-in) Prod.				
Date of Test 12/05/2022	Hours Tested 24 hrs.	Choke Size 128/128	Prod'n For Test Period	Oil - Bbl 1818	Gas - MCF 3846	Water - Bbl. 4204	Gas - Oil Ratio 2116			
Flow Tubing Press.	Casing Pressure 478	Calculated 24- Hour Rate	Oil - Bbl. 1818	Gas - MCF 3846	Water - Bbl. 4204	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>03/14/2023</u>		
E-mail Address: janalyn_mendiola@oxy.com										

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 350'	T. Bell Canyon 4115'	T. Ojo Alamo	T. Penn A"
T. Salado 667'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 2058'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 3987'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 4992'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 6251'	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 7937'	T. Todilto	
T. Abo	T. 1 st Bone Springs 8981'	T. Entrada	
T. Wolfcamp 11505'	T. 2 nd Bone Springs 9681'	T. Wingate	
T. Penn	T. 3 rd Bone Springs 10997'	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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

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

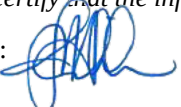
No. 3, from.....to.....

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

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. 30-015-46371		
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 ARKENSTONE 31 FEDERAL		
								6. Well Number: 171H		
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 WC-015 G-08 S233135; WOLFCAMP				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:		31	23S	31E	1	130	NORTH	1195	WEST	EDDY
BH:	N	6	24S	31E		48	SOUTH	2172	WEST	EDDY
13. Date Spudded 07/9/2022	14. Date T.D. Reached 10/06/2022		15. Date Rig Released 10/09/2022			16. Date Completed (Ready to Produce) 11/10/2022		17. Elevations (DF and RKB, RT, GR, etc.) 3347' GL		
18. Total Measured Depth of Well 22141'M 11470'V			19. Plug Back Measured Depth 22098'M 11469'V			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run GAMMA RAY		
22. Producing Interval(s), of this completion - Top, Bottom, Name 11771-16897' 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		424'		17.5"		545sx-surf circ		
9.625" HCL80		40		4204'		12.25"		1093sx-surf circ		
7.625" HCL80		29.7		10814'		8.75"		866sx-surf circ		
5.5" P110 ICY		20		22121'		6.75"		873sx-TOC@10314'		
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET	PACKER SET		
						2.375	11475'			
26. Perforation record (interval, size, and number) Perf @ 11771-16897' Total 615 holes, Hole Size=0.42						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						11771-16897'		373483BBL Produced Water w/ 25680962# sand		
28. PRODUCTION										
Date First Production 11/14/2022		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 12/05/2022	Hours Tested 24 hrs.	Choke Size 128/128	Prod'n For Test Period	Oil - Bbl 1818	Gas - MCF 3846	Water - Bbl. 4204	Gas - Oil Ratio 2116			
Flow Tubing Press.	Casing Pressure 478	Calculated 24- Hour Rate	Oil - Bbl. 1818	Gas - MCF 3846	Water - Bbl. 4204	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										
Signature: 				Name: <u>Jana Mendiola</u>		Title: <u>Sr. Regulatory Analyst</u>		Date: <u>03/14/2023</u>		
E-mail Address: janalyn_mendiola@oxy.com										

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 350'	T. Bell Canyon 4115'	T. Ojo Alamo	T. Penn A"
T. Salado 667'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 2058'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 3987'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 4992'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 6251'	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 7937'	T. Todilto	
T. Abo	T. 1 st Bone Springs 8981'	T. Entrada	
T. Wolfcamp 11505'	T. 2 nd Bone Springs 9681'	T. Wingate	
T. Penn	T. 3 rd Bone Springs 10997'	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.....

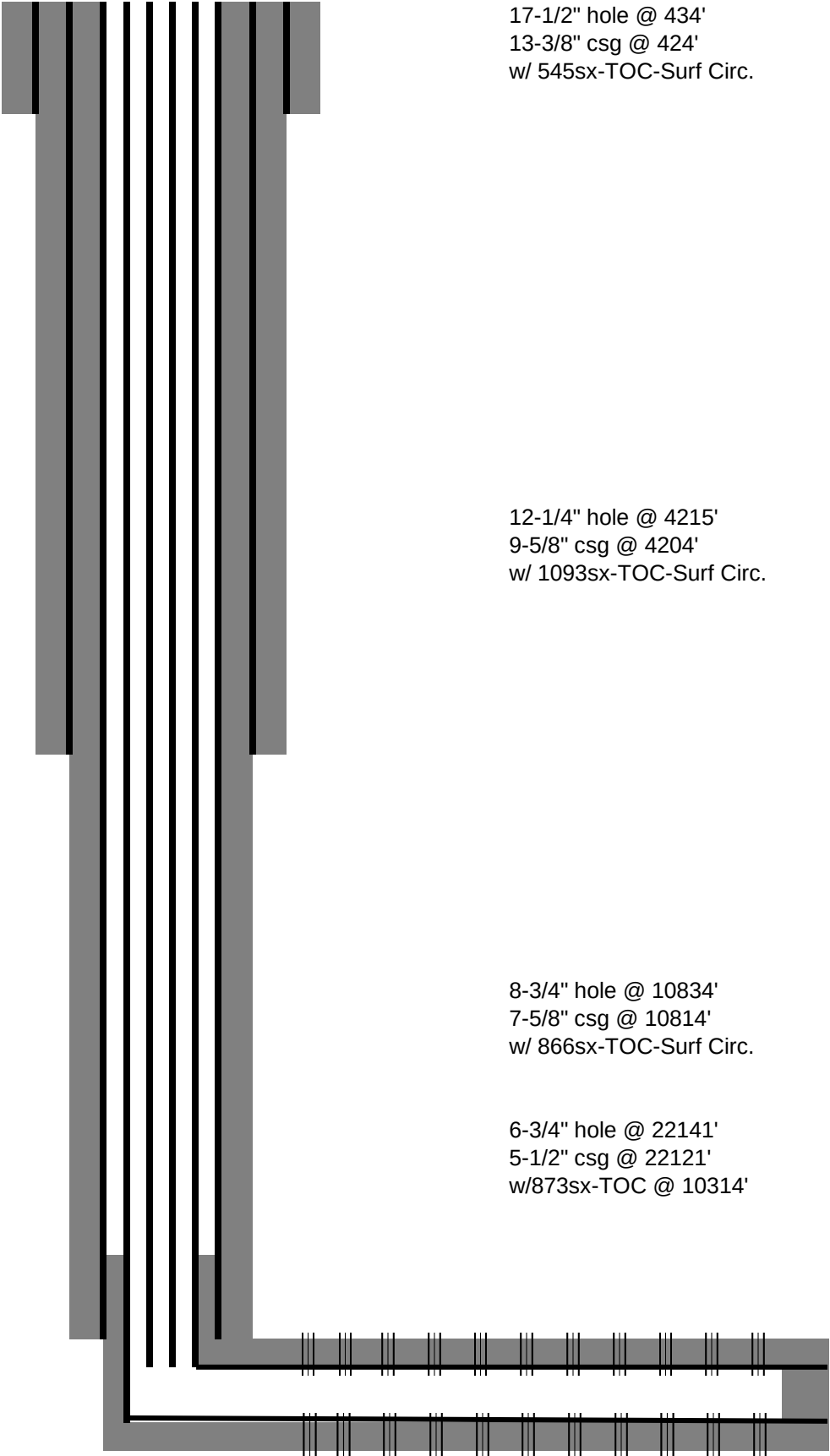
Include data on rate of water inflow and elevation to which water rose in hole.

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

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

OXY USA Inc.
ARKENSTONE 31 FEDERAL 171H
API No. 30-015-46371



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
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District IV
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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 196995

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 196995
	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 196995

CONDITIONS

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	Action Number: 196995
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days to NMOCD after BLM approval.	6/1/2023
plmartinez	Submit GAMMA RAY Well Log to OCD Permitting as [UF-WL] EP Well Log Submission.	6/1/2023