

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- 06/11/2024
⁴ API Number 30-025-52492	⁵ Pool Name WC-025 G-09 S213232A; UPR WOLFCAMP	⁶ Pool Code 98313
⁷ Property Code: 335225	⁸ Property Name: REGAL LAGER 31-19 FEDERAL COM	⁹ Well Number: 35H

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
1	6	22S	32E		889	NORTH	858	EAST	LEA

¹¹ Bottom Hole Location FTP: 158' FSL 1280' FEL LTP: 174' FNL 1276' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	19	21S	32E		50	NORTH	1277	EAST	LEA
¹² Lse Code F	¹³ Producing Method Code : F	¹⁴ Gas Connection Date: 06/14/24	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 02/15/24	²² Ready Date 06/11/24	²³ TD 27930'M 11635'V	²⁴ PBTB 27886'M 11635'V	²⁵ Perforations 12284-27806'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	885'	897		
9.875"	7.625"	11053'	2745		
6.75"	5.5"	27910'	984		

V. Well Test Data

³¹ Date New Oil 06/17/24	³² Gas Delivery Date 06/14/24	³³ Test Date 07/07/24	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1654
³⁷ Choke Size	³⁸ Oil 4798	³⁹ Water 8170	⁴⁰ Gas 7242		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:
REGULATORY ADVISOR

E-mail Address:
Janalyn_mendiola@oxy.com

Date:
07/30/2024

Phone:
432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

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

☒ AMENDED REPORT

¹ API Number 30-025-52492		² Pool Code 98313	³ Pool Name WC-025 G-09 S213232A; UPR WOLFCAMP	
⁴ Property Code 335225	⁵ Property Name REGAL LAGER 31_19 FED COM			⁶ Well Number 35H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.			⁹ Elevation 3635'

UL or lot no. L 1	Section 6	Township 22S	Range 32E	Lot Idn	Feet from the	North/South line NORTH	Feet from the	East/West line EAST	County LEA
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UL or lot no. A	Section 19	Township 21S	Range 32E	Lot Idn	Feet from the 50	North/South line NORTH	Feet from the 1277	East/West line EAST	County LEA
¹² Dedicated Acres 960.00		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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 07/30/24
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: **JUNE 13, 2024**
Signature and Seal of Professional Surveyor

FEDERAL LEASE ID | **LENGTH**
NMNM042814 | 5125.02'
NMNM104764 | 2640.93'
NMNM014331 | 3791.89'
NMNM031375 | 3961.14'
TOTAL | **15518.98'**

CORNER COORDINATES
NAD 83, SPCS NM EAST
A - X: 734977.23' / Y: 535796.89'
B - X: 735012.41' / Y: 530514.97'
C - X: 735030.06' / Y: 527873.16'
D - X: 735046.93' / Y: 525232.15'
E - X: 735062.69' / Y: 522591.85'
F - X: 735079.43' / Y: 519951.78'
G - X: 732437.70' / Y: 519924.46'
H - X: 732394.30' / Y: 525207.68'
I - X: 732373.28' / Y: 530496.94'
J - X: 732329.68' / Y: 535771.80'

CORNER COORDINATES
NAD 27, SPCS NM EAST
A - X: 693795.72' / Y: 535735.61'
B - X: 693830.75' / Y: 530453.83'
C - X: 693848.32' / Y: 527812.09'
D - X: 693865.12' / Y: 525171.15'
E - X: 693880.81' / Y: 522530.93'
F - X: 693897.47' / Y: 519890.92'
G - X: 691255.76' / Y: 519863.61'
H - X: 691212.51' / Y: 525146.69'
I - X: 691191.64' / Y: 530435.81'
J - X: 691148.19' / Y: 535710.52'

Legend:
● Drill Line Events ● Corners — Drill Line — Dimension Lines ■ Federal Leases ■ HSU

All bearings and coordinates refer to New Mexico State Plane coordinate system, East Zone, U.S. Survey Feet.

SHEET 1 OF 1
JOB NO. OXY_0007_RL02
REV 0 TCS 6/7/2024

Released to Imaging: 12/2/2024 2:50:26 PM

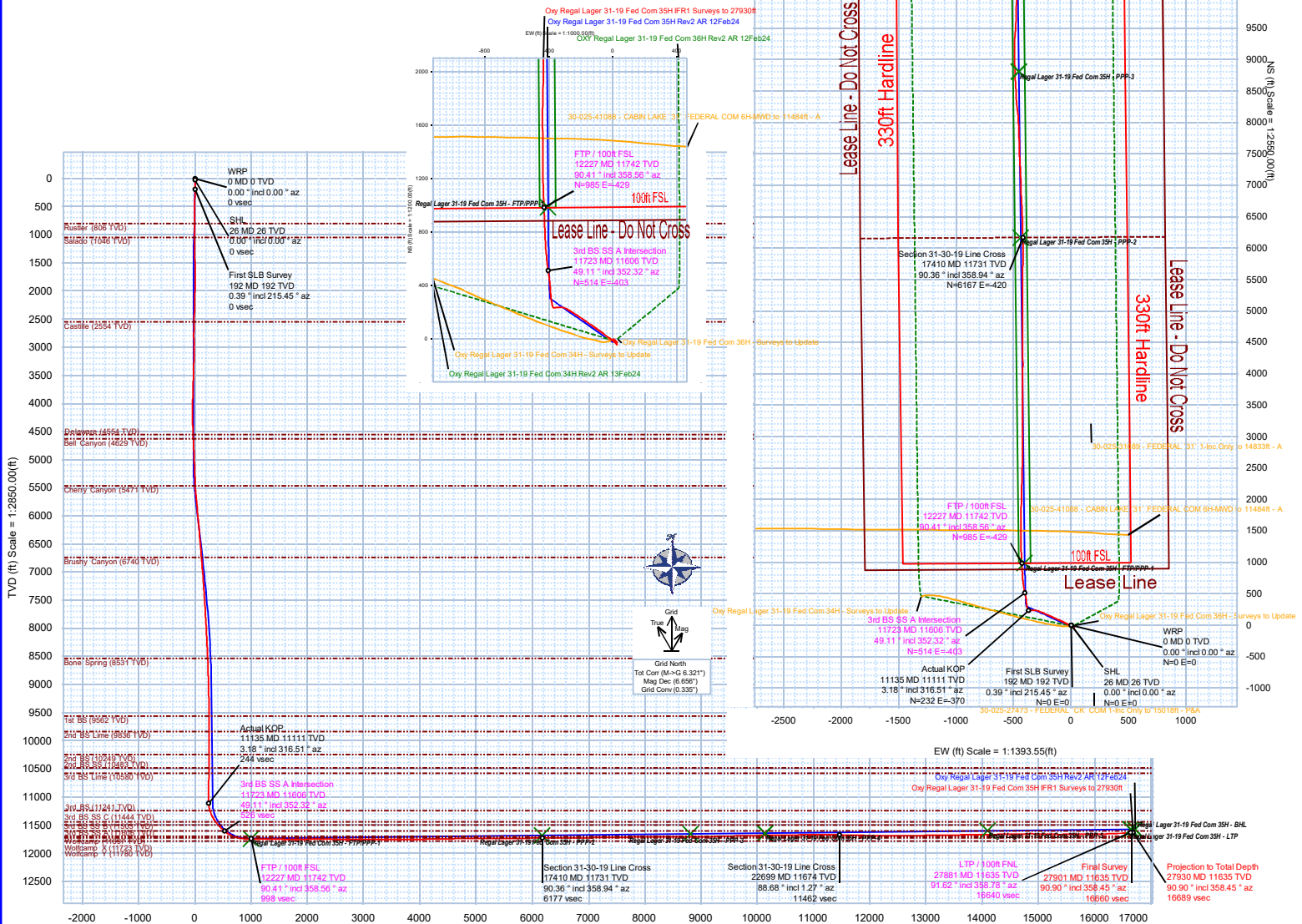


OXY



Borehole:				Well:				Field:				Structure:											
Regal Lager 31-19 Fed Com 35H				Regal Lager 31-19 Fed Com 35H				NM Lea County (NAD 83)				Oxy Regal Lager 31-19 Fed Com Pad - East											
Gravity & Magnetic Parameters						Surface Location						NAD83 New Mexico State Plane, Eastern Zone, US Feet						Miscellaneous					
Model:		IFR1		Dip:		60.133°		Date:		13-Feb-2024		Lat:		N 32 25 31.42		Northing:		519054.1HUS		Grid Conv:		0.3352°	
MagDec:		6.656°		FS:		47624nT		Gravity FS:		998.464mgn (9.80665 Based)		Lon:		W 103 42 29.45		Easting:		734229.02HUS		Scale Fact:		0.9999517	
												Slot:		Regal Lager 31-19 Fed Com 35H		TVD Ref:		RKB (3661.000 ft above MSL)					
												Plan:		Oxy Regal Lager 31-19 Fed Com 35H Rev2 AR 12Feb24									

Critical Points									
Comments	Survey MD(ft)	Inclination(deg)	Azimuth(deg)	TVD(ft)	VS(ft)	NS(ft)	EW(ft)	Sub-Sea TVD	DLS(P/100ft)
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3,661.00	
SHL	26.00	0.00	0.00	26.00	0.00	0.00	0.00	-3,635.00	0.00
First SLB Survey	192.00	0.39	215.45	192.00	-0.45	-0.46	-0.33	-3,469.00	0.23
Actual KOP	11,135.00	3.18	316.51	11,110.74	243.57	232.45	-370.44	7,449.74	3.71
3rd BS SS A Intersection	11,722.77	49.11	352.32	11,606.00	525.81	513.83	-403.01	7,945.00	12.25
FTP / 100ft FSL	12,227.00	90.41	358.56	11,741.62	997.58	985.03	-428.95	8,080.62	3.20
Section 31-30-19 Line Cross	17,410.00	90.36	358.94	11,730.85	6,176.84	6,166.94	-420.02	8,069.85	1.91
Section 31-30-19 Line Cross	22,698.50	88.68	1.27	11,673.97	11,461.65	11,453.01	-458.91	8,012.97	1.48
LTP / 100ft FNL	27,881.00	91.62	358.78	11,635.49	16,640.27	16,631.93	-527.18	7,974.49	3.95
Final Survey	27,901.00	90.90	358.45	11,635.05	16,660.26	16,651.92	-527.66	7,974.05	3.95
Projection to Total Depth	27,930.00	90.90	358.45	11,634.60	16,689.26	16,680.91	-528.45	7,973.60	0.00





Oxy Regal Lager 31-19 Fed Com 35H IFR1 Surveys to 27930ft Survey

Geodetic Report
Definitive Survey

Report Date: March 25, 2024 - 05:48 PM (UTC 0)
Client: OXY
Field: NM Lea County (NAD 83)
Structure / Slot: Oxy Regal Lager 31-19 Fed Com Pad - East / Regal Lager 31-19 Fed Com 35H
Well: Regal Lager 31-19 Fed Com 35H
Borehole: Regal Lager 31-19 Fed Com 35H
UBH/ API / JobNumber: Unknown / Unknown / Unknown
Survey Name / Version: Oxy Regal Lager 31-19 Fed Com 35H IFR1 Surveys to 27930ft / 1
Survey Date: February 13, 2024
Tort / AHD / DDI / ERD Ratio: 368.359 * / 17054.375 ft / 7.174 / 1.450
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32°53'1.42177", W 103°42'29.44949"
Location Grid N/E Y/X: N 519054.100 RUS / E 734229.020 RUS
CRS Grid Convergence Angle: 0.335"
Grid Scale Factor: 0.9999517(Applied)
Engine Version: 2023.1.0.1

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 358.264 °(Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3661.000 ft above MSL
Seabed / Ground Elevation: 6.656' ft above MSL
Magnetic Declination: 9.166°
Total Gravity Field Strength: 998.4637mgn (9.80655 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47624 nT
Magnetic Dip Angle: 60.133°
Declination Date: February 13, 2024
Magnetic Declination Model: IFR1
North Reference: Grid
Total Corr Mag: 6.321°
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSECE (ft)	NS (ft)	EW (ft)	TVDOSS (ft)	DLS (ft/100ft)	Northing (ftUS)	Eastings (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.661.00	0.00	519,054.10	734,229.02	N 32°53'1.42"	W 103°42'29.45"	0.00	0.00
SHL	26.00	0.00	0.00	26.00	0.00	0.00	0.00	-3.635.00	0.00	519,054.10	734,229.02	N 32°53'1.42"	W 103°42'29.45"	0.00	0.00
First SLB Survey	192.00	0.39	215.45	192.00	-0.45	-0.46	-0.33	-3.469.00	0.23	519,053.64	734,228.69	N 32°53'1.42"	W 103°42'29.45"	0.56	215.45
	319.00	0.51	205.09	318.99	-1.30	-1.32	-0.82	-3.342.01	0.11	519,052.78	734,228.20	N 32°53'1.41"	W 103°42'29.46"	1.56	211.71
	413.00	0.69	195.14	412.99	-2.21	-2.25	-1.14	-3.248.01	0.22	519,051.85	734,227.88	N 32°53'1.40"	W 103°42'29.46"	2.52	206.94
	508.00	0.76	205.30	507.98	-3.32	-3.37	-1.56	-3.153.02	0.15	519,050.73	734,227.46	N 32°53'1.39"	W 103°42'29.47"	3.72	204.86
	603.00	0.81	198.57	602.97	-4.51	-4.58	-2.05	-3.058.03	0.11	519,049.52	734,226.98	N 32°53'1.38"	W 103°42'29.47"	5.01	204.07
	699.00	0.81	191.65	698.96	-5.81	-5.89	-2.40	-2.962.04	0.10	519,048.22	734,226.62	N 32°53'1.36"	W 103°42'29.48"	6.36	202.17
	794.00	0.79	145.16	793.96	-7.01	-7.08	-2.16	-2.867.04	0.06	519,047.02	734,226.86	N 32°53'1.35"	W 103°42'29.48"	7.40	196.96
	824.00	0.84	132.41	823.95	-7.34	-7.40	-1.88	-2.837.05	0.03	519,046.70	734,227.14	N 32°53'1.35"	W 103°42'29.47"	7.63	194.25
	954.00	0.90	113.04	953.94	-8.43	-8.44	-0.24	-2.707.06	0.23	519,045.66	734,228.78	N 32°53'1.34"	W 103°42'29.45"	8.44	181.60
	1,049.00	1.03	114.92	1,048.92	-9.13	-9.09	1.22	-2.612.08	0.14	519,045.01	734,230.24	N 32°53'1.33"	W 103°42'29.44"	9.17	172.33
	1,240.00	1.46	353.23	1,239.90	-7.47	-7.40	2.50	-2.421.10	1.14	519,046.70	734,231.52	N 32°53'1.35"	W 103°42'29.42"	7.81	161.37
	1,335.00	1.46	353.00	1,334.87	-5.06	-5.07	2.21	-2.326.13	0.01	519,049.10	734,231.22	N 32°53'1.37"	W 103°42'29.42"	5.46	156.19
	1,430.00	1.57	351.62	1,429.84	-2.56	-2.51	1.87	-2.231.16	0.12	519,051.59	734,230.89	N 32°53'1.40"	W 103°42'29.43"	3.13	143.32
	1,525.00	1.61	344.63	1,524.80	0.03	0.07	1.32	-1.136.20	0.21	519,054.17	734,230.34	N 32°53'1.42"	W 103°42'29.43"	1.33	87.11
	1,620.00	1.12	355.12	1,619.77	2.25	2.28	0.89	-2.041.23	0.58	519,056.38	734,229.91	N 32°53'1.44"	W 103°42'29.44"	2.45	21.37
	1,715.00	1.52	129.07	1,714.76	2.35	2.41	1.79	-1.946.24	2.56	519,056.51	734,230.81	N 32°53'1.45"	W 103°42'29.43"	3.00	36.62
	1,810.00	1.38	120.24	1,809.73	0.93	1.04	3.76	-1.851.27	0.28	519,055.14	734,232.78	N 32°53'1.43"	W 103°42'29.41"	3.90	74.54
	1,905.00	1.31	116.12	1,904.71	-0.19	-0.01	5.72	-1.756.29	0.13	519,054.09	734,234.74	N 32°53'1.42"	W 103°42'29.38"	5.72	90.15
	2,000.00	1.24	120.77	1,999.68	-1.25	-1.02	7.58	-1.661.32	0.13	519,053.08	734,236.61	N 32°53'1.41"	W 103°42'29.36"	7.65	97.65
	2,095.00	1.51	146.11	2,094.66	-2.86	-2.58	9.16	-1.565.34	0.69	519,051.52	734,238.18	N 32°53'1.40"	W 103°42'29.34"	9.52	105.75
	2,190.00	1.41	137.14	2,189.62	-4.80	-4.48	10.65	-1.471.38	0.26	519,049.62	734,239.67	N 32°53'1.38"	W 103°42'29.33"	11.56	112.61
	2,286.00	1.72	142.95	2,285.59	-6.87	-6.50	12.32	-1.375.41	0.36	519,047.61	734,241.34	N 32°53'1.36"	W 103°42'29.31"	13.93	117.79
	2,381.00	2.56	154.98	2,380.52	-9.98	-9.56	14.08	-1.280.48	1.00	519,044.54	734,243.10	N 32°53'1.33"	W 103°42'29.29"	17.02	124.16
	2,476.00	2.39	143.10	2,475.43	-13.55	-13.06	16.17	-1.185.57	0.57	519,041.04	734,245.19	N 32°53'1.29"	W 103°42'29.26"	20.79	129.93
	2,571.00	1.80	178.79	2,570.37	-16.66	-16.14	17.39	-1.090.63	1.47	519,037.96	734,246.41	N 32°53'1.26"	W 103°42'29.25"	23.72	132.86
	2,666.00	1.57	183.20	2,665.33	-19.45	-18.93	17.35	-995.67	0.28	519,035.17	734,246.37	N 32°53'1.23"	W 103°42'29.25"	25.68	137.50
	2,761.00	0.06	4.22	2,760.32	-20.69	-20.18	17.28	-900.68	1.72	519,033.92	734,246.30	N 32°53'1.22"	W 103°42'29.25"	26.57	139.43
	2,856.00	0.33	63.88	2,855.32	-20.53	-20.01	17.53	-805.68	0.32	519,034.09	734,246.55	N 32°53'1.22"	W 103°42'29.25"	26.60	138.78
	2,951.00	0.46	77.96	2,950.32	-20.35	-19.81	18.15	-710.68	0.17	519,034.29	734,247.17	N 32°53'1.22"	W 103°42'29.24"	26.86	137.51
	3,046.00	0.66	74.35	3,045.31	-20.15	-19.58	19.05	-615.69	0.21	519,034.52	734,248.07	N 32°53'1.23"	W 103°42'29.23"	27.32	135.79
	3,141.00	1.16	80.07	3,140.30	-19.88	-19.27	20.52	-520.70	0.53	519,034.83	734,249.54	N 32°53'1.23"	W 103°42'29.21"	28.15	133.20
	3,236.00	1.60	98.45	3,235.27	-19.88	-19.30	22.78	-425.73	0.65	519,034.90	734,251.80	N 32°53'1.23"	W 103°42'29.19"	29.85	130.27
	3,331.00	1.74	141.56	3,330.24	-21.37	-20.82	24.99	-330.76	1.30	519,033.48	734,254.01	N 32°53'1.22"	W 103°42'29.17"	32.40	129.53
	3,426.00	2.56	159.50	3,425.17	-24.53	-23.74	26.63	-235.83	1.11	519,030.36	734,255.65	N 32°53'1.19"	W 103°42'29.14"	35.67	131.72
	3,521.00	1.72	194.80	3,520.11	-27.91	-27.10	27.01	-140.89	1.60	519,027.00	734,256.03	N 32°53'1.15"	W 103°42'29.14"	38.26	135.10
	3,616.00	2.17	221.73	3,615.05	-30.58	-29.83	25.45	-45.95	1.06	519,024.28	734,254.46	N 32°53'1.13"	W 103°42'29.15"	39.20	139.53
	3,711.00	1.95	205.41	3,709.99	-33.33	-32.63	23.55	48.99	0.66	519,021.47	734,252.57	N 32°53'1.10"	W 103°42'29.18"	40.24	144.17
	3,806.00	3.66	175.56	3,804.95	-36.26	-35.58	24.88	143.98	1.03	519,018.53	734,252.00	N 32°53'1.07"	W 103°42'29.18"	44.85	147.14
	3,901.00	2.10	145.70	3,899.89	-39.21	-38.50	24.07	238.89	1.10	519,015.60	734,250.44	N 32°53'1.06"	W 103°42'29.11"	45.41	147.98
	3,996.00	2.79	128.19	3,994.81	-42.16	-41.37	26.87	333.81	1.06	519,012.73	734,255.89	N 32°53'1.01"	W 103°42'29.14"	49.33	146.99
	4,091.00	1.89	142.63	4,089.73	-44.92	-44.04	29.64	428.73	1.13	519,010.06	734,258.66	N 32°53'0.98"	W 103°42'29.11"	53.09	146.06
	4,186.00	0.36	215.31	4,184.71	-46.43	-45.53	30.42	523.71	1.91	519,008.57	734,259.44	N 32°53'0.97"	W 103°42'29.10"	54.76	146.25
	4,281.00	2.55	316.97	4,279.68	-48.08	-44.23	28.80	618.68	2.79	519,009.87	734,257.82	N 32°53'0.98"	W 103°42'29.12"	52.78	146.93
	4,376.00	3.65	318.06	4,374.54	-41.19	-40.44	25.34	713.54	1.16	519,013.67	734,254.36	N 32°53'1.02"	W 103°42'29.16"	47.72	147.83
	4,471.00	3.46	319.04	4,469.15	-39.45	-38.62	21.44	808.35	0.21	519,018.08	734,250.46	N 32°53'1.06"	W 103°42'29.20"	41.82	149.24
	4,567.00	3.27	318.00	4,565.19	-32.32	-31.44	90.41	904.19	0.21	519,022.30	734,246.73	N 32°53'1.11"	W 103°42'29.25"	36.40	150.89
	4,662.00	3.26	316.51	4,660.03	-28.24	-27.83	14.04	999.03	0.09	519,026.28	734,243.06	N 32°53'1.15"	W 103°42'29.29"	31.17	153.23
	4,757.00	3.22	316.27	4,754.88	-24.24	-23.94	10.33	1,093.88	0.04	519,030.16	734,239.35	N 32°53'1.18"	W 103°42'29.33"	26.07	156.65
	4,852.00	3.15	317.00	4,849.74	-20.30	-20.10	6.71	1,188.74	0.09	519,034.00	734,235.73	N 32°53'1.22"	W 103°42'29.37"	21.19	161.55
	4,947.00	3.15	318.02	4,944.59	-16.34	-16.25	3.18	1,283.59	0.06	519,037.85	734,232.20	N 32°53'1.26"	W 103°42'29.41"	16.56	168.92
	5,042.00	3.18	316.41	5,039.45	-12.39	-12.40	37.48	1,378.45	0.10	519,041.70	734,228.64	N 32°53'1.30"	W 103°42'29.46"	12.41	161.76
	5,137.00	3.12	314.81	5,134.30	-8.55	-8.67	4.03	1,473.30	0.11	519,045.43	734,224.99	N 32°53'1.34"	W 103°42'29.50"	9.56	204.93
	5,232.00	3.11	312.03	5,229.16	-4.89	-5.13	-7.78	1,568.16	0.16	519,048.97	734,221.24	N 32°53'1.37"	W 103°42'29.54"	9.32	236.62
	5,327.00	2.88	309.81	5,324.03	-1.52	-1.87	-11.53	1,663.03	0.27	519,052.23	734,217.49	N 32°53'1.40"	W 103°42'29.58"	11.68	260.77
	5,422.00	4.15	309.76	5,418.85	2.34	1.85	-16.00	1,757.85	1.34	519,055.95	734,213.02	N 32°53'1.44"	W 103°42'29.64"	16.11	276.61
	5,517.00	5.54	311.00	5,513.51	7.73	7.06	-22.11	1,852.51	1.47	519,061.16	734,206.91	N 32°53'1.49"	W 103°42'29.71"	23.21	287.72
	5,612.00	7.82	312.59												

	9,888.00	2.06	264.89	9,864.27	247.48	237.40	-336.02	6,203.27	0.14	519,291.49	733,893.02	N 32°25'33.79"	W 103°42'33.35"	411.42	305.24
	9,982.00	1.62	274.19	9,958.22	247.51	237.35	-339.03	6,297.22	0.56	519,291.44	733,890.01	N 32°25'33.79"	W 103°42'33.39"	413.85	305.00
	10,077.00	1.82	273.98	10,053.18	247.80	237.55	-341.87	6,392.18	0.21	519,291.54	733,887.17	N 32°25'33.79"	W 103°42'33.42"	416.30	304.79
	10,172.00	1.66	272.04	10,146.13	248.04	237.71	-344.75	6,487.13	0.18	519,291.18	733,884.29	N 32°25'33.79"	W 103°42'33.46"	418.76	304.59
	10,267.00	1.62	268.07	10,243.10	248.13	237.71	-347.47	6,582.10	0.13	519,291.80	733,881.57	N 32°25'33.79"	W 103°42'33.49"	421.00	304.38
	10,362.00	1.47	259.33	10,338.06	247.94	237.44	-350.01	6,677.06	0.29	519,291.53	733,879.03	N 32°25'33.79"	W 103°42'33.52"	422.95	304.15
	10,457.00	1.61	254.71	10,433.03	247.43	236.86	-352.49	6,772.03	0.20	519,290.95	733,876.54	N 32°25'33.79"	W 103°42'33.55"	424.68	303.90
	10,552.00	1.70	255.53	10,527.99	246.81	236.16	-355.15	6,866.99	0.10	519,290.25	733,873.89	N 32°25'33.78"	W 103°42'33.58"	426.50	303.62
	10,647.00	1.59	252.14	10,622.95	246.13	235.40	-357.76	6,961.95	0.15	519,289.49	733,871.27	N 32°25'33.77"	W 103°42'33.61"	428.26	303.34
	10,742.00	1.51	248.59	10,717.91	245.35	234.54	-360.18	7,056.91	0.13	519,288.63	733,868.63	N 32°25'33.76"	W 103°42'33.64"	429.82	303.07
	10,837.00	1.56	245.18	10,812.88	244.42	233.54	-362.52	7,151.88	0.11	519,287.63	733,866.52	N 32°25'33.75"	W 103°42'33.67"	431.24	302.79
	10,932.00	1.45	243.44	10,907.85	243.41	232.46	-364.77	7,246.85	0.13	519,286.55	733,864.27	N 32°25'33.74"	W 103°42'33.69"	432.55	302.51
	11,000.00	1.61	250.67	10,975.82	242.76	231.76	-366.44	7,314.82	0.37	519,285.85	733,862.60	N 32°25'33.74"	W 103°42'33.71"	433.58	302.31
	11,056.00	1.58	249.98	11,031.80	242.28	231.23	-367.91	7,370.80	0.06	519,285.32	733,861.13	N 32°25'33.73"	W 103°42'33.73"	434.54	302.15
	11,135.00	3.18	316.51	11,110.74	243.57	232.45	-370.44	7,449.74	3.71	519,286.54	733,858.60	N 32°25'33.74"	W 103°42'33.76"	437.34	302.11
	11,151.00	3.21	321.05	11,125.71	244.31	233.18	-371.07	7,465.71	3.71	519,287.27	733,857.96	N 32°25'33.75"	W 103°42'33.75"	438.26	302.14
	11,246.00	16.18	346.29	11,220.13	250.79	248.49	-376.17	7,559.13	13.60	519,302.58	733,852.87	N 32°25'33.90"	W 103°42'33.82"	450.83	303.45
	11,341.00	23.36	351.59	11,309.48	291.47	280.03	-382.07	7,648.48	7.78	519,334.11	733,846.97	N 32°25'34.21"	W 103°42'33.89"	473.70	306.24
	11,436.00	31.83	355.88	11,393.60	335.30	323.73	-386.63	7,732.60	9.15	519,377.81	733,842.41	N 32°25'34.65"	W 103°42'33.94"	504.26	309.94
	11,531.00	31.94	356.81	11,470.91	390.37	378.73	-390.10	7,809.91	7.72	519,432.81	733,838.94	N 32°25'35.19"	W 103°42'33.97"	543.70	314.15
	11,627.00	46.20	354.73	11,541.45	455.33	443.56	-394.98	7,880.45	7.50	519,497.64	733,834.06	N 32°25'35.83"	W 103°42'34.03"	593.93	318.32
	11,722.00	49.02	352.30	11,695.50	525.23	513.26	-402.93	7,944.50	3.52	519,567.33	733,826.11	N 32°25'36.52"	W 103°42'34.12"	652.52	321.87
	11,722.77	48.11	352.32	11,696.00	525.81	513.83	-403.01	7,945.00	12.25	519,567.91	733,826.03	N 32°25'36.53"	W 103°42'34.12"	653.02	321.89
	11,817.00	60.48	354.79	11,660.24	602.42	590.22	-411.52	7,999.24	12.25	519,644.29	733,817.52	N 32°25'37.29"	W 103°42'34.21"	719.52	325.11
	11,912.00	68.68	356.52	11,700.98	688.06	675.70	-417.97	8,039.98	8.79	519,729.77	733,811.07	N 32°25'38.13"	W 103°42'34.28"	794.53	328.26
	12,007.00	76.39	357.97	11,729.48	778.59	766.15	-422.30	8,068.48	8.25	519,820.21	733,806.74	N 32°25'39.03"	W 103°42'34.32"	874.82	331.14
	12,102.00	88.50	358.02	11,741.94	872.59	860.09	-425.59	8,080.94	12.75	519,914.15	733,803.46	N 32°25'39.96"	W 103°42'34.36"	959.62	333.67
	12,197.00	91.34	358.77	11,742.08	967.58	955.04	-428.25	8,081.06	3.09	520,007.09	733,800.79	N 32°25'40.80"	W 103°42'34.38"	1,046.66	335.85
	12,227.00	90.41	358.66	11,741.63	967.58	955.03	-428.25	8,080.63	3.20	520,039.08	733,800.09	N 32°25'41.19"	W 103°42'34.39"	1,074.37	336.19
	12,267.00	89.16	358.77	11,741.77	1,037.57	1,025.01	-430.05	8,080.77	3.20	520,079.06	733,798.99	N 32°25'41.59"	W 103°42'34.40"	1,111.58	337.24
	12,357.00	89.02	357.85	11,743.20	1,127.56	1,114.95	-433.10	8,082.20	0.49	520,168.99	733,795.94	N 32°25'42.48"	W 103°42'34.43"	1,196.12	338.77
	12,452.00	88.97	0.01	11,744.87	1,222.54	1,209.91	-434.87	8,083.87	2.27	520,263.95	733,794.17	N 32°25'43.42"	W 103°42'34.44"	1,285.69	340.23
	12,547.00	89.99	359.59	11,746.56	1,317.49	1,304.90	-435.21	8,085.56	0.44	520,358.93	733,793.84	N 32°25'44.36"	W 103°42'34.44"	1,375.56	341.56
	12,642.00	88.97	359.83	11,746.25	1,412.44	1,399.88	-435.69	8,087.25	0.25	520,453.91	733,793.36	N 32°25'45.30"	W 103°42'34.44"	1,466.11	342.71
	12,737.00	90.01	359.23	11,749.92	1,507.40	1,494.86	-436.47	8,088.92	0.63	520,548.99	733,792.58	N 32°25'46.24"	W 103°42'34.45"	1,557.28	343.72
	12,832.00	88.91	359.17	11,751.65	1,602.37	1,589.84	-437.79	8,090.65	0.12	520,643.86	733,791.25	N 32°25'47.18"	W 103°42'34.45"	1,649.01	344.60
	12,927.00	88.77	0.25	11,753.57	1,697.32	1,684.82	-438.27	8,092.57	1.15	520,738.83	733,790.77	N 32°25'48.12"	W 103°42'34.45"	1,740.89	345.42
	13,022.00	90.95	1.40	11,753.80	1,792.22	1,779.80	-436.91	8,092.80	2.59	520,833.81	733,792.14	N 32°25'49.06"	W 103°42'34.43"	1,832.64	346.21
	13,117.00	90.73	1.02	11,752.41	1,887.08	1,874.77	-434.90	8,091.41	0.46	520,928.77	733,794.14	N 32°25'50.00"	W 103°42'34.40"	1,924.55	346.94
	13,212.00	90.33	0.71	11,751.03	1,981.98	1,969.75	-433.47	8,090.03	0.39	521,023.75	733,795.58	N 32°25'50.94"	W 103°42'34.37"	2,016.88	347.59
	13,307.00	90.24	1.23	11,749.23	2,076.86	2,064.63	-432.08	8,088.61	0.58	521,118.71	733,791.81	N 32°25'51.88"	W 103°42'34.35"	2,109.42	348.19
	13,402.00	90.24	0.06	11,748.21	2,171.76	2,159.70	-430.79	8,087.21	1.54	521,213.69	733,788.25	N 32°25'52.82"	W 103°42'34.33"	2,202.25	348.72
	13,497.00	89.36	1.01	11,748.54	2,266.69	2,254.70	-429.90	8,087.54	1.36	521,308.68	733,799.14	N 32°25'53.76"	W 103°42'34.31"	2,295.31	349.21
	13,592.00	88.91	0.81	11,749.97	2,361.57	2,349.67	-428.39	8,088.97	0.52	521,403.65	733,800.65	N 32°25'54.70"	W 103°42'34.29"	2,388.41	349.67
	13,687.00	89.10	1.03	11,751.62	2,456.46	2,444.65	-426.87	8,090.62	0.31	521,498.62	733,802.17	N 32°25'55.64"	W 103°42'34.26"	2,481.63	350.10
	13,781.00	89.57	0.97	11,752.71	2,550.34	2,538.62	-425.23	8,091.71	0.50	521,592.60	733,803.81	N 32°25'56.57"	W 103°42'34.24"	2,573.99	350.49
	13,876.00	89.69	1.25	11,753.03	2,645.23	2,633.51	-423.61	8,092.81	0.62	521,687.57	733,805.45	N 32°25'57.50"	W 103°42'34.22"	2,667.42	350.82
	13,971.00	88.88	0.95	11,753.85	2,740.10	2,728.58	-421.56	8,092.85	1.31	521,782.55	733,807.48	N 32°25'58.44"	W 103°42'34.18"	2,760.96	351.22
	14,066.00	88.82	359.94	11,755.76	2,835.01	2,823.56	-420.83	8,094.76	1.06	521,877.52	733,808.22	N 32°25'59.38"	W 103°42'34.17"	2,854.75	351.52
	14,161.00	88.38	359.74	11,758.08	2,929.95	2,918.53	-421.09	8,097.08	0.51	521,972.48	733,807.95	N 32°26'00.32"	W 103°42'34.16"	2,948.75	351.79
	14,256.00	90.76	359.97	11,758.79	3,024.90	3,013.52	-421.33	8,097.79	2.52	522,067.47	733,807.71	N 32°26'01.26"	W 103°42'34.16"	3,042.83	352.04
	14,351.00	91.20	359.46	11,757.17	3,119.86	3,108.51	-421.80	8,096.17	0.71	522,162.45	733,807.24	N 32°26'02.20"	W 103°42'34.16"	3,136.99	352.27
	14,446.00	92.68	0.27	11,753.95	3,214.76	3,203.45	-421.93	8,092.95	1.78	522,257.39	733,807.01	N 32°26'03.14"	W 103°42'34.15"	3,231.13	352.49
	14,540.00	90.35	359.79	11,751.45	3,308.68	3,297.41	-421.98	8,090.46	2.53	522,351.34	733,807.06	N 32°26'04.07"	W 103°42'34.15"	3,324.20	352.71
	14,636.00	88.39	359.50	11,752.52	3,404.64	3,393.39	-422.57	8,091.52	2.06	522,447.32	733,806.47	N 32°26'05.02"	W 103°42'34.15"	3,419.60	352.90
	14,730.00	89.68	359.35	11,754.10	3,498.61	3,487.37	-423.52	8,093.10	1.38	522,541.30	733,805.53	N 32°26'05.95"	W 103°42'34.15"	3,513.00	353.08
	14,825.00	90.59	359.94	11,753.88	3,593.58	3,582.37	-424.10	8,092.88	1.14	522,636.29	733,804.94	N 32°26'06.89"	W 103°42'34.15"	3,607.39	353.25
	14,920.00	89.76	359.77	11,753.59	3,688.54	3,677.37	-424.35	8,092.59	0.89	522,731.28	733,804.70	N 32°26'07.83"	W 103°42'34.15"	3,701.77	353.42
	15,110.00	90.71	0.98	11,752.81	3,787.40	3,867.36	-423.10	8,091.81	0.81	522,821.26	733,805.94	N 32°26'08.71"	W 103°42'34.12"	3,890.43	353.76
	15,205.00	90.93	11,752.86	3,873.23	3,982.35	3,971.06	-423.00	8,091.86	1.87	522,916.25	733,806.74	N 32°26'09.65"	W 103°42'34.11"	3,984.79	353.99
	15,300.00	92.12	1.14	11,751.74	4,068.23	4,057.33	-421.36	8,090.74	3.27	523					

22,800.00	89.09	0.54	11,676.05	11,563.02	11,554.47	-457.27	8,015.05	0.93	530,607.99	733,771.77	N 32°27'25.78"	W 103°42'34.00"	11,563.51	357.73	
22,895.00	88.37	358.64	11,678.16	11,657.97	11,649.44	-457.95	8,017.16	2.14	530,702.95	733,771.09	N 32°27'26.72"	W 103°42'34.00"	11,658.44	357.75	
22,990.00	88.58	0.27	11,680.69	11,752.91	11,744.40	-458.85	8,019.69	1.73	530,797.91	733,770.19	N 32°27'27.65"	W 103°42'34.00"	11,753.36	357.76	
23,085.00	88.64	358.96	11,682.99	11,847.85	11,839.37	-459.49	8,021.99	1.38	530,892.87	733,769.55	N 32°27'28.59"	W 103°42'34.00"	11,848.28	357.78	
23,179.00	87.80	358.76	11,685.91	11,941.80	11,933.30	-461.36	8,024.91	0.92	530,986.80	733,767.68	N 32°27'29.52"	W 103°42'34.02"	11,942.22	357.79	
23,274.00	88.99	3.17	11,688.57	12,036.63	12,028.22	-459.76	8,027.57	4.81	531,081.72	733,769.28	N 32°27'30.46"	W 103°42'33.99"	12,037.01	357.81	
23,369.00	88.59	0.49	11,690.58	12,131.42	12,123.15	-456.73	8,029.58	2.85	531,176.64	733,772.31	N 32°27'31.40"	W 103°42'33.95"	12,131.75	357.84	
23,463.00	90.06	0.22	11,691.69	12,225.35	12,217.14	-456.15	8,030.69	1.59	531,270.62	733,772.90	N 32°27'32.33"	W 103°42'33.94"	12,225.65	357.86	
23,558.00	90.47	359.95	11,691.25	12,320.30	12,312.13	-456.01	8,030.25	0.52	531,365.61	733,773.04	N 32°27'33.27"	W 103°42'33.93"	12,320.58	357.88	
23,653.00	89.84	359.12	11,690.99	12,415.27	12,407.13	-456.78	8,029.99	1.10	531,460.60	733,772.27	N 32°27'34.21"	W 103°42'33.93"	12,415.53	357.89	
23,748.00	90.36	0.70	11,690.83	12,510.23	12,502.13	-456.93	8,029.83	1.75	531,555.60	733,772.12	N 32°27'35.15"	W 103°42'33.93"	12,510.47	357.91	
23,842.00	90.40	359.69	11,690.20	12,604.17	12,596.12	-456.61	8,029.20	1.08	531,649.59	733,772.44	N 32°27'36.08"	W 103°42'33.92"	12,604.39	357.92	
23,936.00	90.36	0.59	11,689.58	12,698.12	12,690.12	-456.38	8,028.58	0.96	531,743.58	733,772.67	N 32°27'37.01"	W 103°42'33.91"	12,698.32	357.94	
24,031.00	91.12	0.32	11,688.35	12,793.04	12,785.11	-455.62	8,027.35	0.85	531,838.56	733,773.42	N 32°27'37.95"	W 103°42'33.89"	12,793.22	357.96	
24,125.00	91.28	358.82	11,686.38	12,886.99	12,879.08	-456.33	8,025.38	1.60	531,932.53	733,772.72	N 32°27'38.88"	W 103°42'33.90"	12,887.16	357.97	
24,220.00	91.72	359.76	11,683.90	12,981.94	12,974.04	-457.50	8,022.90	1.09	532,027.49	733,771.54	N 32°27'39.82"	W 103°42'33.88"	12,982.10	357.98	
24,315.00	91.16	359.01	11,681.51	13,076.90	13,069.00	-458.52	8,020.51	0.99	532,122.45	733,770.52	N 32°27'40.76"	W 103°42'33.91"	13,077.04	357.99	
24,409.00	91.81	0.56	11,679.07	13,170.83	13,162.97	-458.88	8,018.07	1.79	532,216.41	733,770.17	N 32°27'41.69"	W 103°42'33.91"	13,170.96	358.00	
24,504.00	89.71	0.02	11,677.81	13,265.75	13,257.95	-458.40	8,016.81	2.28	532,311.39	733,770.65	N 32°27'42.63"	W 103°42'33.89"	13,265.87	358.02	
24,598.00	90.76	0.22	11,677.43	13,359.70	13,351.95	-458.20	8,016.43	1.14	532,405.38	733,770.84	N 32°27'43.56"	W 103°42'33.88"	13,359.81	358.03	
24,693.00	90.56	1.58	11,676.33	13,454.59	13,446.93	-456.71	8,015.33	1.45	532,500.35	733,772.34	N 32°27'44.50"	W 103°42'33.86"	13,454.68	358.05	
24,788.00	90.08	358.70	11,675.80	13,549.53	13,541.92	-456.47	8,014.80	3.07	532,595.34	733,772.57	N 32°27'45.44"	W 103°42'33.85"	13,549.61	358.07	
24,883.00	92.56	3.19	11,673.61	13,644.37	13,636.85	-454.91	8,012.61	5.40	532,690.26	733,774.13	N 32°27'46.38"	W 103°42'33.83"	13,644.43	358.09	
24,977.00	91.41	3.55	11,670.36	13,737.94	13,730.63	-449.39	8,009.36	1.28	532,784.04	733,779.65	N 32°27'47.31"	W 103°42'33.76"	13,737.98	358.13	
25,072.00	89.63	358.51	11,669.49	13,832.79	13,825.57	-447.68	8,006.49	5.63	532,878.98	733,781.36	N 32°27'48.25"	W 103°42'33.73"	13,832.82	358.15	
25,166.00	90.33	359.91	11,669.53	13,926.77	13,919.56	-448.98	8,008.53	1.67	532,972.96	733,780.06	N 32°27'49.18"	W 103°42'33.74"	13,926.80	358.15	
25,261.00	90.56	0.27	11,668.79	14,021.72	14,014.56	-448.83	8,007.79	0.45	533,067.95	733,780.21	N 32°27'50.12"	W 103°42'33.73"	14,021.74	358.17	
25,356.00	90.74	358.56	11,667.71	14,116.69	14,109.54	-448.80	8,006.71	1.81	533,162.93	733,779.24	N 32°27'51.06"	W 103°42'33.74"	14,116.71	358.17	
25,450.00	91.05	1.14	11,666.24	14,210.64	14,203.52	-450.04	8,005.24	2.76	533,256.91	733,779.00	N 32°27'51.99"	W 103°42'33.73"	14,210.65	358.19	
25,545.00	90.72	357.92	11,664.77	14,305.59	14,298.50	-450.82	8,003.77	3.41	533,351.88	733,778.22	N 32°27'52.93"	W 103°42'33.73"	14,305.60	358.19	
25,640.00	90.73	358.93	11,663.57	14,400.58	14,393.45	-453.43	8,002.57	1.06	533,446.83	733,775.61	N 32°27'53.87"	W 103°42'33.76"	14,400.59	358.20	
25,734.00	92.20	359.24	11,661.17	14,494.54	14,487.41	-454.94	8,000.17	1.60	533,540.78	733,774.11	N 32°27'54.80"	W 103°42'33.77"	14,494.55	358.20	
25,829.00	91.04	359.67	11,658.48	14,589.48	14,582.36	-455.84	7,997.48	1.30	533,635.73	733,773.20	N 32°27'55.74"	W 103°42'33.77"	14,589.49	358.21	
25,923.00	90.90	358.10	11,656.89	14,683.46	14,676.33	-457.67	7,995.89	1.68	533,729.69	733,771.38	N 32°27'56.67"	W 103°42'33.79"	14,683.46	358.21	
26,018.00	90.12	359.54	11,656.05	14,778.45	14,771.30	-459.62	7,995.05	1.72	533,824.66	733,769.42	N 32°27'57.60"	W 103°42'33.80"	14,778.45	358.22	
26,113.00	90.19	359.06	11,655.79	14,873.43	14,866.29	-460.78	7,994.79	0.51	533,919.65	733,768.26	N 32°27'58.54"	W 103°42'33.81"	14,873.43	358.22	
26,208.00	86.63	357.69	11,658.43	14,968.37	14,961.20	-463.48	7,997.43	4.01	534,014.55	733,765.57	N 32°27'59.48"	W 103°42'33.84"	14,968.38	358.23	
26,302.00	89.84	357.91	11,661.32	15,062.31	15,055.07	-467.08	8,000.32	3.42	534,108.42	733,761.96	N 32°28'0.41"	W 103°42'33.87"	15,062.32	358.22	
26,397.00	87.79	355.88	11,663.28	15,157.26	15,149.90	-472.22	8,002.28	3.04	534,203.24	733,756.82	N 32°28'01.35"	W 103°42'33.93"	15,157.26	358.21	
26,491.00	90.05	358.12	11,665.06	15,251.21	15,243.75	-477.14	8,004.06	3.38	534,297.07	733,751.90	N 32°28'02.28"	W 103°42'33.98"	15,251.21	358.21	
26,586.00	89.18	357.44	11,665.70	15,346.20	15,338.67	-480.82	8,004.70	1.16	534,392.00	733,748.22	N 32°28'03.22"	W 103°42'34.01"	15,346.21	358.20	
26,681.00	91.65	357.91	11,665.01	15,441.18	15,433.58	-484.68	8,004.01	2.65	534,486.91	733,744.37	N 32°28'04.16"	W 103°42'34.05"	15,441.19	358.20	
26,775.00	90.73	357.82	11,663.05	15,535.16	15,527.50	-488.18	8,002.05	0.98	534,580.82	733,740.87	N 32°28'05.09"	W 103°42'34.09"	15,535.17	358.20	
26,870.00	90.37	357.34	11,662.14	15,630.15	15,622.41	-492.19	8,001.14	0.63	534,675.72	733,736.86	N 32°28'06.03"	W 103°42'34.13"	15,630.16	358.20	
26,964.00	88.40	354.71	11,663.15	15,724.06	15,716.16	-498.70	8,002.15	3.50	534,769.47	733,730.34	N 32°28'06.96"	W 103°42'34.20"	15,724.07	358.18	
27,059.00	90.81	358.09	11,663.81	15,818.99	15,810.95	-504.67	8,002.81	4.37	534,864.24	733,724.38	N 32°28'07.89"	W 103°42'34.26"	15,819.01	358.17	
27,154.00	90.86	357.32	11,662.42	15,913.97	15,905.87	-508.47	8,001.42	0.81	534,959.17	733,720.58	N 32°28'08.83"	W 103°42'34.30"	15,913.99	358.17	
27,248.00	91.07	357.65	11,660.84	16,007.95	15,999.76	-512.59	7,999.84	0.42	535,053.06	733,716.45	N 32°28'09.76"	W 103°42'34.34"	16,007.97	358.17	
27,343.00	90.70	357.30	11,659.37	16,102.93	16,094.66	-516.78	7,998.37	0.54	535,147.95	733,712.27	N 32°28'10.70"	W 103°42'34.38"	16,102.95	358.16	
27,532.00	92.55	358.95	11,654.01	16,291.84	16,283.47	-522.96	7,993.01	1.31	535,336.75	733,706.09	N 32°28'12.57"	W 103°42'34.47"	16,291.86	358.16	
27,627.00	92.71	359.07	11,649.65	16,386.73	16,378.35	-524.60	7,988.65	0.21	535,431.63	733,704.45	N 32°28'13.51"	W 103°42'34.45"	16,386.75	358.17	
27,816.00	93.96	359.84	11,638.66	16,575.36	16,567.02	-526.40	7,977.66	0.78	535,620.29	733,702.65	N 32°28'15.38"	W 103°42'34.46"	16,575.38	358.18	
27,861.00	91.62	358.78	11,635.49	16,640.27	16,631.93	-527.18	7,974.49	3.95	535,685.19	733,701.67	N 32°28'16.02"	W 103°42'34.47"	16,640.28	358.18	
27,901.00	90.90	358.45	11,635.05	16,660.26	16,651.92	-527.66	7,974.05	3.95	535,705.18	733,701.38	N 32°28'16.22"	W 103°42'34.47"	16,660.28	358.19	
Projection to Total Depth	27,930.00	90.90	358.45	17,634.60	16,689.26	16,680.91	-528.45	7,973.60	8.00	535,734.17	733,702.60	N 32°28'16.50"	W 103°42'34.48"	16,689.27	358.19

LTP / 100R FNL

Final Survey

Survey Type: DefinitiveSurvey

Survey Error Model: ISCWSA0 2.795 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Expected Max Inclination (deg)	Survey Tool Code	Vendor / Tool	Borehole / Survey
	1	0.000	824.000	Act Stns		A009Mb_MWD+IFR1+SAG		Regal Lager 31-19 Fed Com 35H / Oxy Regal Lager 31-19 Fed Com 35H IFR1 Surveys to 27930ft
	1	824.000	27,930.000	Act Stns		A010Mb_MWD+IFR1+SAG+MS		Regal Lager 31-19 Fed Com 35H / Oxy Regal Lager 31-19 Fed Com 35H IFR1 Surveys to 27930ft

EOU Geometry:

End MD (ft)	Hole Size (in)	Casing Size (in)	Name
27,930.000	26.400	26.400	

Intent ☐ As Drilled ☒

API # 30-025-52492			
Operator Name: OXY USA INC.		Property Name: REGAL LAGER 31-19 FEDERAL COM	Well Number 35H

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: REGAL LAGER 31-19 FEDERAL COM	Well Location: T22S / R32E / SEC 6 / LOT 1 / 32.425395 / -103.70818	County or Parish/State: LEA / NM
Well Number: 35H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM42814	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002552492	Operator: OXY USA INCORPORATED	

Subsequent Report

Sundry ID: 2799063

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 07/05/2024	Time Sundry Submitted: 11:55
Date Operation Actually Began: 05/11/2024	

Actual Procedure: RUPU 05/11/24, RIH & clean out to PBTD @ 27886', pressure test casing to 6000# for 30 min, good test. RIH & perf @ 12284-27806' Total 1881 holes. Frac in 57 stages w/ 437172BBL Produced Water + 112265BBL Brackish Water (> 1,000 mg/I TDS and 10,000 mg/I TDS) w/ 38872260# sand, RD Frac 06/01/24. Well ready to produce 06/11/24. OXY USA Inc. requests a tubing exception while continuing to flow back this well. The estimated date of tubing install is 08/31/2024.

Well Name: REGAL LAGER 31-19
FEDERAL COM

Well Location: T22S / R32E / SEC 6 /
LOT 1 / 32.425395 / -103.70818

County or Parish/State: LEA /
NM

Well Number: 35H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM42814

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002552492

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: JUL 05, 2024 11:55 AM

Name: OXY USA INCORPORATED

Title: Regulatory Advisor

Street Address: 1600 GEHRIG DR

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: 07/12/2024

Signature: Jonathon Shepard

Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017					
1. WELL API NO. 30-025-52492											
2. Type of Lease ☐ STATE ☐ FEE ☒ FED/INDIAN											
3. State Oil & Gas Lease No.											
WELL COMPLETION OR RECOMPLETION REPORT AND LOG											
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name REGAL LAGER 31-19 FEDERAL COM			
								6. Well Number: 35H			
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-025 G-09 S213232A; UPR WOLFCAMP			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	
Surface:	A	6	22S	32E	1	889	NORTH	858	EAST	LEA	
BH:	A	19	21S	32E		50	NORTH	1277	EAST	LEA	
13. Date Spudded 02/15/2024	14. Date T.D. Reached 03/22/2024		15. Date Rig Released 03/25/2024			16. Date Completed (Ready to Produce) 06/11/2024		17. Elevations (DF and RKB, RT, GR, etc.) 3635' GL			
18. Total Measured Depth of Well 27930'M 11635'V			19. Plug Back Measured Depth 27886'M 11635'V			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run CBL, Gamma Ray			
22. Producing Interval(s), of this completion - Top, Bottom, Name 12284-27806' 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		885'		17.5"		897sx-surf circ			
7.625" HCL-80		26.4		11053'		9.875"		2745sx-surf circ			
5.5" P110 ICY		20		27910'		6.75"		984sx-TOC@6000'			
24. LINER RECORD											
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD						
					SIZE	DEPTH SET	PACKER SET				
26. Perforation record (interval, size, and number) Perf @ 12284-27806' Total 1881 holes, Hole Size=0.42					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.						
					DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED				
					12284-27806'		437172BBL Produced Water + 112265BBL Brackish Water (> 1,000 mg/l TDS and 10,000 mg/l TDS) w/ 38872260# sand				
28. PRODUCTION											
Date First Production 06/17/2024		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod.					
Date of Test 07/07/2024	Hours Tested 24 hrs.	Choke Size	Prod'n For Test Period	Oil - Bbl 4798	Gas - MCF 7242	Water - Bbl. 8170	Gas - Oil Ratio 1509				
Flow Tubing Press.	Casing Pressure 1654	Calculated 24- Hour Rate	Oil - Bbl. 4798	Gas - MCF 7242	Water - Bbl. 8170	Oil Gravity - API - (Corr.)					
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD								30. Test Witnessed By			
31. List Attachments WBD, C-104, As-Drilled C-102, Kickoff Points, Final Directional Survey, Completion Sundry											
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: <i>Jana Mendiola</i>		Name: Jana Mendiola			Title: Regulatory Advisor			Date: 07/30/2024			
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 806'	T. Bell Canyon 4586'	T. Ojo Alamo	T. Penn A"
T. Salado 1045'	T. Strawn	T. Kirtland	T. Penn. "B"
T. Castile 2552'	T. Atoka	T. Fruitland	T. Penn. "C"
T. Delaware 4516'	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. Cherry Canyon 5456'	T. Devonian	T. Cliff House	T. Leadville
T. Brushy Canyon 6813'	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 8504'	T. Todilto	
T. Abo	T. 1st Bone Spring 9575'	T. Entrada	
T. Wolfcamp 11706'	T. 2nd Bone Spring 10245'	T. Wingate	
T. Penn	T. 3rd Bone Spring 11248'	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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

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

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

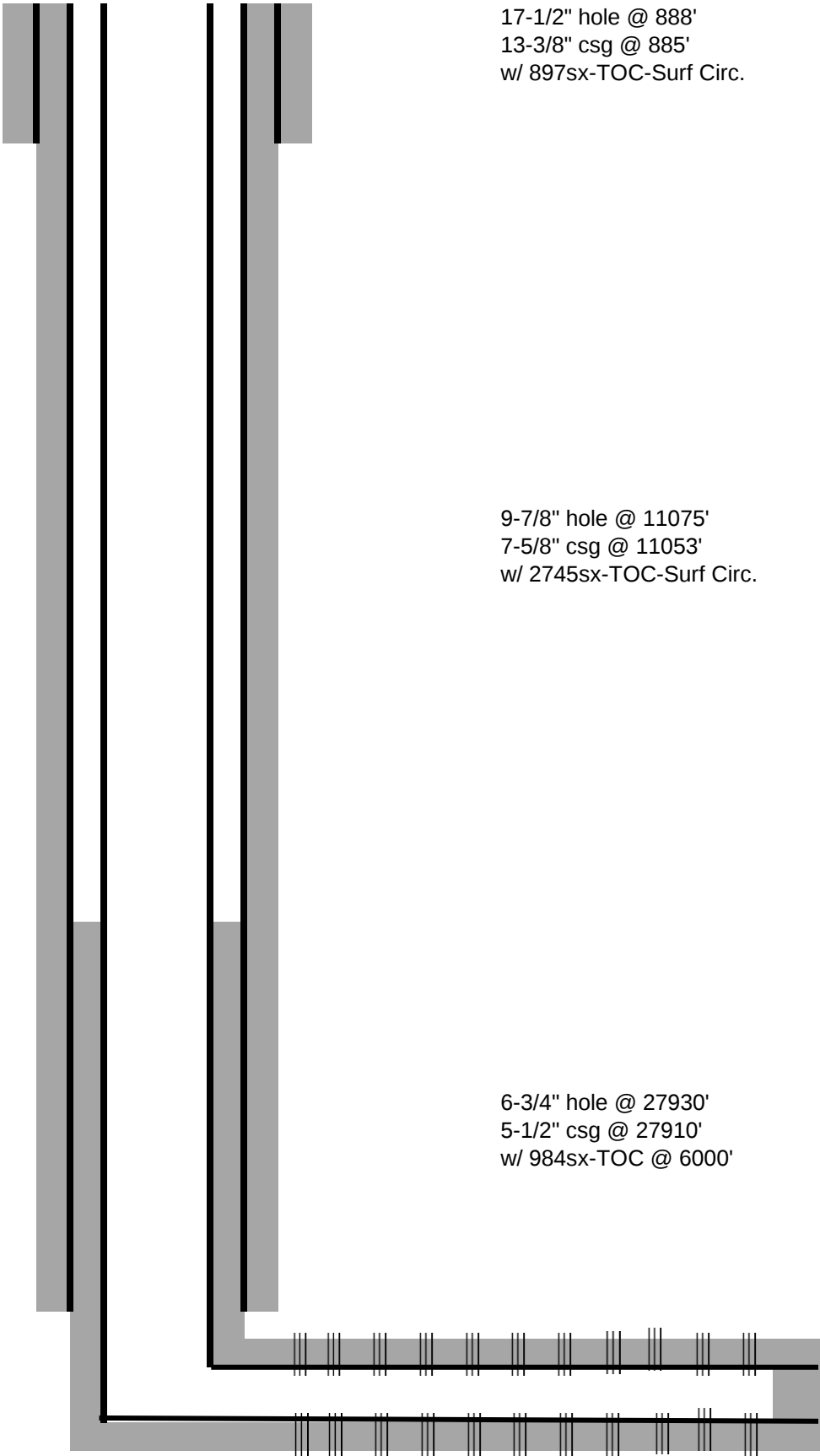
No. 4, from.....to.....

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.
REGAL LAGER 31-19 FEDERAL COM 35H
API No. 30-025-52492



17-1/2" hole @ 888'
13-3/8" csg @ 885'
w/ 897sx-TOC-Surf Circ.

9-7/8" hole @ 11075'
7-5/8" csg @ 11053'
w/ 2745sx-TOC-Surf Circ.

6-3/4" hole @ 27930'
5-1/2" csg @ 27910'
w/ 984sx-TOC @ 6000'

Perfs @ 12284-27806'

TD- 27930'M 11635'V

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 368634

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 368634
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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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 368634

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 368634
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	File 3160-4 within 10 days of BLM Approval.	12/2/2024
matthew.gomez	Please report TVD of the perforation interval on a form C-103Z.	12/2/2024
matthew.gomez	Please submit tubing installation details.	12/2/2024