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	[2] OGRID Number: 16696
OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710	[3] Reason for Filing Code/ Effective Date - RT- 04/12/2022

[4] API Number	[5] Pool Name	[6] Pool Code
30–015-46618	Cotton Draw; Bone Spring	13367
[7] Property Code: 326150	[8] Property Name: Arkenstone 31 Federal	[9] Well Number: 3H

II. [10] Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
B	31	23S	31E		130	NORTH	2613	EAST	EDDY

[11] Bottom Hole Location FTP: 125’ FNL 2170’ FWL LTP: 277’ FSL 1747’ 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		66	SOUTH	1746	WEST	EDDY

[12] Lse Code	[13] Producing Method Code :	[14] Gas Connection Date:	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	F	TBD			

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	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
12/08/2021	04/12/2022	20676’M 10088’V	20600’M 10088’V	10242-20465’	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17-1/2”	13-3/8”	406’	485
12-1/4”	9-5/8”	4143’	1108
8-3/4” x 8-1/2”	5-1/2”	20613’	4060

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
[37] Choke Size	[38] Oil	[39] Water	[40] Gas		[41] Test Method

[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: 04/11/2022

Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by: *PATRICIA MARTINEZ*

Title: *PETROLEUM SPECIALIST*

Approval Date: *5/3/2022*

RT EXPIRES 7/12/2022

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 ACREAGE DEDICATION AS-DRILLED PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-015-46618	13367	COTTON DRAW; BONE SPRING

[4] Property Code	Property Name	[6] Well Number
326150	ARKENSTONE 31 FEDERAL	3H

[7] OGRID No.	[8] Operator Name	[9] Elevation
16696	OXY USA INC.	3344'

[10] Surface Location

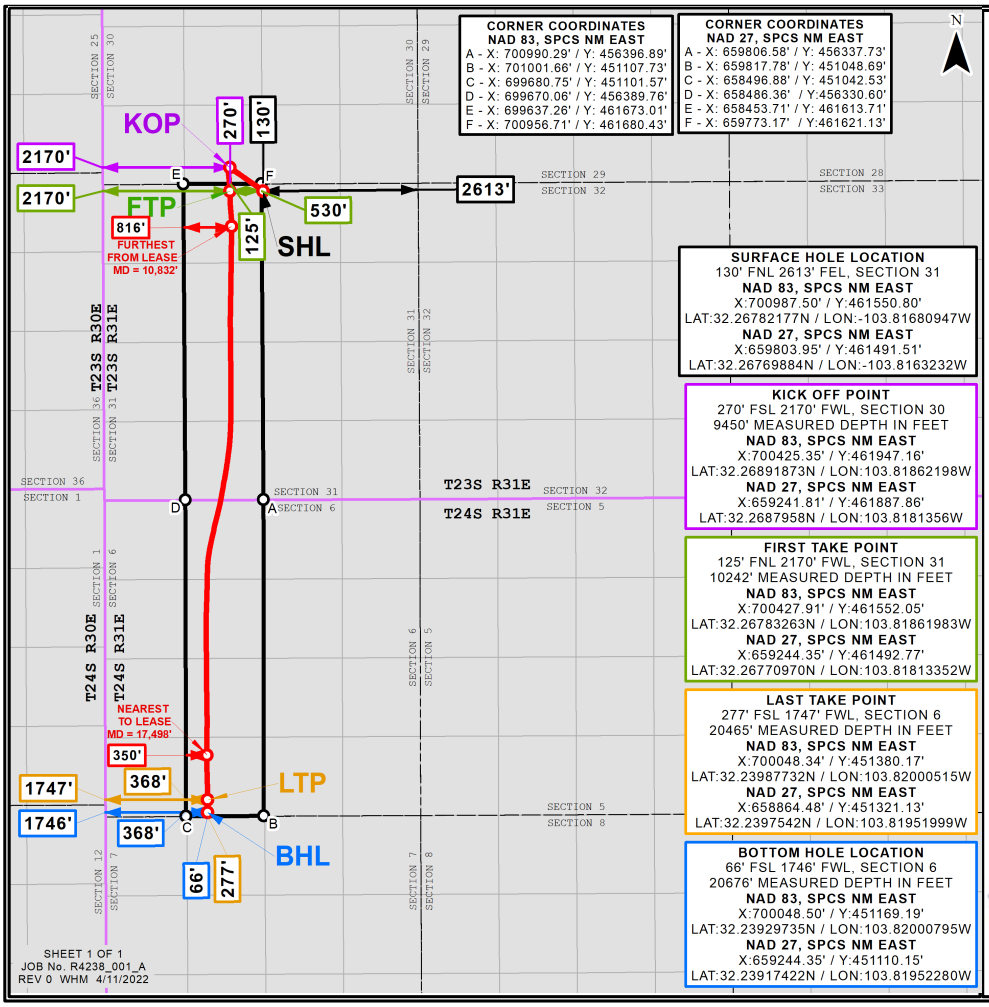
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	31	23S	31E		130	NORTH	2613	EAST	EDDY

[11] [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
N	6	24S	31E		66	SOUTH	1746	WEST	EDDY

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320.15			

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.

Signature — Date: 04/11/2022

JANA MENDIOLA
Printed Name

janalyn_mendiola@oxy.com
E-mail Address

[18] SURVEYOR CERTIFICATION

I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked 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 R-Squared Global.

APRIL 11, 2022
Date of Survey

Signature and Seal of Professional Surveyor:

DAVID W. MYERS NEW MEXICO 11403 PROFESSIONAL SURVEYOR

Certificate Number
DAVID W. MYERS 11403

Distances/areas relative to NAD 83 Combined Scale Factor: 0.99978476 Convergence Angle: 00°17'22.57"

Horizontal Spacing Unit

Schlumberger

OXY

Borehole:	Well:	Field:	Structure:
Arkenstone 31 Federal 3H	Arkenstone 31 Federal 3H	NM Eddy County (NAD 83)	Oxy Arkenstone 31 Federal Com Pad

Gravity & Magnetic Parameters

Model:	IFR1	Dip:	59.929°	Date:	17-Jan-2022
MagDec:	6.77°	FS:	47667.9nT	Gravity FS:	998.451mgn (9.80665 Based)

Surface Location NAD83 New Mexico State Plane, Eastern Zone, US Feet

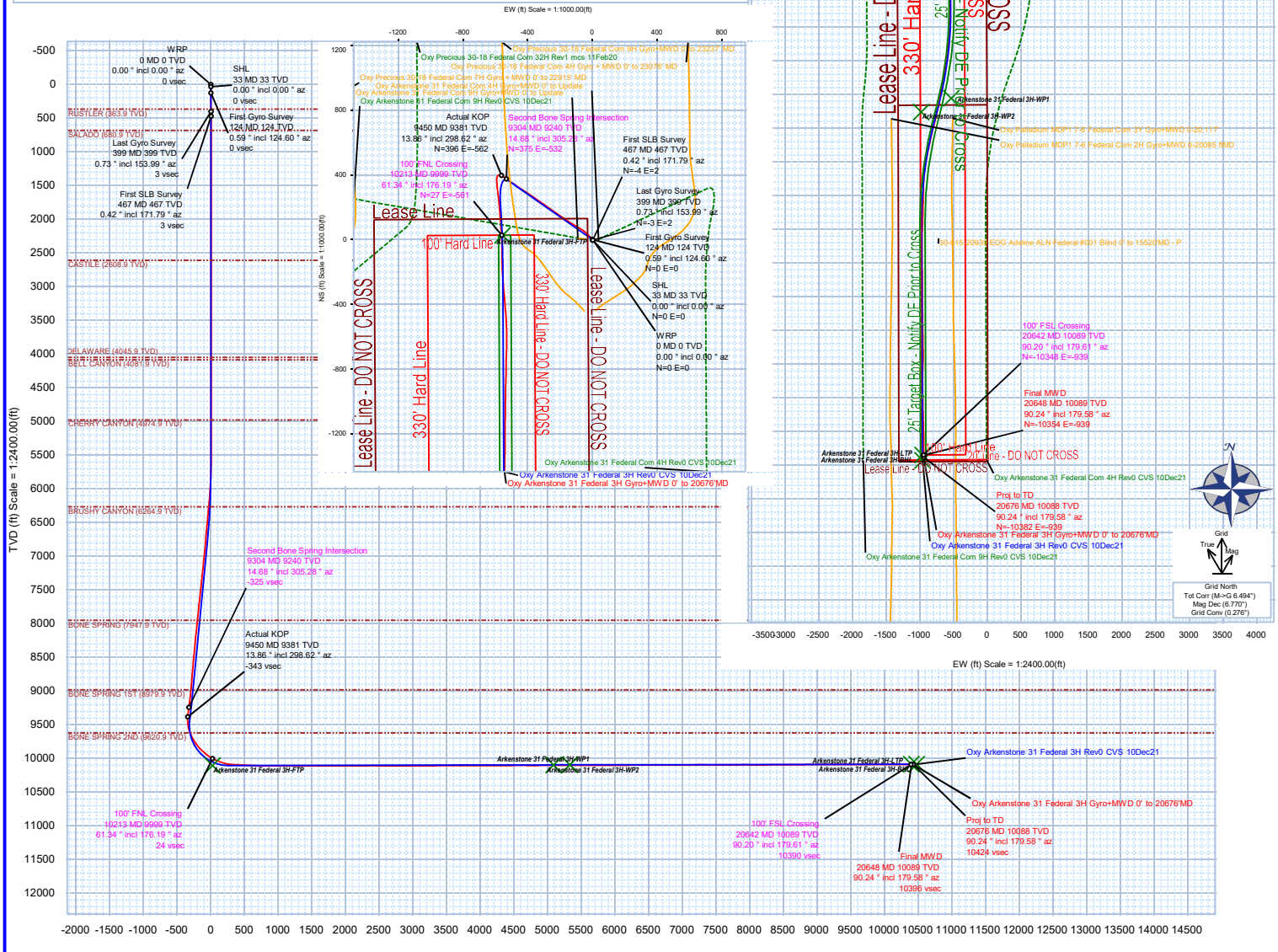
Lat:	N 32 16 4.16	Northing:	461550.8ftUS	Grid Conv:	0.2758°
Lon:	W 103 49 0.51	Easting:	700987.5ftUS	Scale Fact:	0.99993828

Miscellaneous

Slot:	Arkenstone 31 Federal 3H	TVD Ref:	RKB(3376.9ft above MSL)
Plan:	Oxy Arkenstone 31 Federal 3H Gyro+MWD 0' to 20676'MD		

Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SHL	32.50	0.00	0.00	32.50	0.00	0.00	0.00	0.00
First Gyro Survey	124.09	0.59	124.60	124.09	0.23	-0.27	0.39	0.64
Last Gyro Survey	398.53	0.73	153.99	398.51	2.80	-3.00	1.98	0.20
First SLB Survey	467.00	0.42	171.79	466.98	3.42	-3.64	2.20	0.52
Second Bone Spring Intersection	9304.10	14.68	305.28	9239.90	-325.12	375.22	-531.75	0.03
Actual KOP	9449.50	13.86	298.62	9380.53	-343.37	396.31	-562.04	12.97
100' FNL Crossing	10213.00	61.34	176.19	9999.10	24.26	27.04	-560.96	11.77
100' FSL Crossing	20642.00	90.20	179.61	10088.62	10390.15	-10347.62	-939.25	0.77
Final MWD	20648.00	90.24	179.58	10088.59	10396.12	-10353.62	-939.21	0.77
Proj to TD	20676.00	90.24	179.58	10088.48	10423.99	-10381.61	-939.00	0.00



Schlumberger

Oxy Arkenstone 31 Federal 3H Gyro+MWD 0' to 20676'MD Survey Geodetic Report

(Def Survey)

Report Date:	February 08, 2022 - 09:25 AM	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	OXY	**Vertical Section Azimuth:**	185.236 ° (Grid North)
Field:	NM Eddy County (NAD 83)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Oxy Arkenstone 31 Federal Com Pad / Arkenstone 31 Federal 3H	**TVD Reference Datum:**	RKB
Well:	Arkenstone 31 Federal 3H	**TVD Reference Elevation:**	3376.900 ft above MSL
Borehole:	Arkenstone 31 Federal 3H	**Seabed / Ground Elevation:**	3344.400 ft above MSL
UWI / API#:	Unknown / Unknown	**Magnetic Declination:**	6.770 °
Survey Name:	Oxy Arkenstone 31 Federal 3H Gyro+MWD 0' to 20676'MD	**Total Gravity Field Strength:**	998.4515mgn (9.80665 Based)
Survey Date:	January 12, 2022	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	247.986 ° / 11555.828 ft / 6.768 / 1.143	**Total Magnetic Field Strength:**	47667.900 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.929 °
Location Lat / Long:	N 32° 16' 4.15837", W 103° 49' 0.51408"	**Declination Date:**	January 17, 2022
Location Grid N/E Y/X:	N 461550.800 ftUS, E 700987.500 ftUS	**Magnetic Declination Model:**	IFR1
CRS Grid Convergence Angle:	0.2758 °	**North Reference:**	Grid North
Grid Scale Factor:	0.99993828	**Grid Convergence Used:**	0.2800 °
Version / Patch:	2.10.829.1	**Total Corr Mag North->Grid North:**	6.4900 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
WRP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	0.00	0.00	461550.80	700987.50	N 32 16 4.16	W 103 49 0.51
SHL	32.50	0.00	0.00	32.50	0.00	0.00	0.00	0.00	0.00	0.00	461550.80	700987.50	N 32 16 4.16	W 103 49 0.51
First Gyro Survey	124.09	0.59	124.60	124.09	0.23	-0.27	0.39	0.64	0.47	124.60	461550.53	700987.89	N 32 16 4.16	W 103 49 0.51
	211.56	0.65	171.65	211.55	0.93	-1.01	0.83	0.57	1.31	140.68	461549.79	700988.33	N 32 16 4.15	W 103 49 0.50
	303.06	0.75	138.91	303.05	1.85	-1.98	1.30	0.44	2.37	146.70	461548.82	700988.80	N 32 16 4.14	W 103 49 0.50
Last Gyro Survey	398.53	0.73	153.99	398.51	2.80	-3.00	1.98	0.20	3.59	146.58	461547.80	700989.48	N 32 16 4.13	W 103 49 0.49
First SLB Survey	467.00	0.42	171.79	466.98	3.42	-3.64	2.20	0.52	4.25	148.78	461547.16	700989.70	N 32 16 4.12	W 103 49 0.49
	649.00	0.13	119.05	648.97	4.15	-4.40	2.48	0.20	5.05	150.58	461546.40	700989.98	N 32 16 4.11	W 103 49 0.49
	741.00	0.10	229.62	740.97	4.25	-4.50	2.51	0.21	5.15	150.85	461546.30	700990.01	N 32 16 4.11	W 103 49 0.49
	833.00	0.08	123.18	832.97	4.34	-4.59	2.50	0.16	5.23	151.38	461546.21	700990.00	N 32 16 4.11	W 103 49 0.49
	924.00	0.11	217.07	923.97	4.44	-4.69	2.50	0.15	5.32	151.92	461546.11	700990.00	N 32 16 4.11	W 103 49 0.49
	1016.00	0.10	162.05	1015.97	4.59	-4.84	2.47	0.11	5.43	152.91	461545.96	700989.97	N 32 16 4.11	W 103 49 0.49
	1108.00	0.14	88.34	1107.97	4.65	-4.91	2.61	0.16	5.56	152.00	461545.89	700990.11	N 32 16 4.11	W 103 49 0.48
	1199.00	0.13	261.83	1198.97	4.66	-4.92	2.62	0.30	5.58	151.97	461545.88	700990.12	N 32 16 4.11	W 103 49 0.48
	1292.00	0.08	344.75	1291.97	4.63	-4.88	2.50	0.15	5.48	152.86	461545.92	700990.00	N 32 16 4.11	W 103 49 0.49
	1384.00	0.11	344.97	1383.97	4.48	-4.73	2.46	0.03	5.33	152.52	461546.07	700989.96	N 32 16 4.11	W 103 49 0.49
	1569.00	0.04	155.42	1568.97	4.37	-4.62	2.44	0.08	5.22	152.13	461546.18	700989.94	N 32 16 4.11	W 103 49 0.49
	1663.00	0.14	252.43	1662.97	4.45	-4.68	2.34	0.16	5.23	153.39	461546.12	700989.84	N 32 16 4.11	W 103 49 0.49
	1757.00	0.10	111.17	1756.97	4.51	-4.74	2.31	0.24	5.28	154.02	461546.06	700989.81	N 32 16 4.11	W 103 49 0.49
	1852.00	0.09	244.37	1851.97	4.57	-4.81	2.32	0.18	5.34	154.22	461545.99	700989.82	N 32 16 4.11	W 103 49 0.49
	1947.00	0.12	13.55	1946.97	4.51	-4.74	2.28	0.20	5.26	154.35	461546.06	700989.78	N 32 16 4.11	W 103 49 0.49
	2041.00	0.06	136.89	2040.97	4.45	-4.68	2.33	0.17	5.23	153.50	461546.12	700989.83	N 32 16 4.11	W 103 49 0.49
	2136.00	0.09	22.92	2135.97	4.41	-4.65	2.40	0.13	5.23	152.73	461546.15	700989.90	N 32 16 4.11	W 103 49 0.49
	2229.00	0.11	326.21	2228.97	4.27	-4.51	2.38	0.10	5.10	152.21	461546.29	700989.88	N 32 16 4.11	W 103 49 0.49
	2323.00	0.11	133.01	2322.97	4.26	-4.50	2.39	0.23	5.09	151.98	461546.31	700989.89	N 32 16 4.11	W 103 49 0.49
	2418.00	0.12	352.26	2417.97	4.22	-4.46	2.45	0.23	5.09	151.26	461546.34	700989.95	N 32 16 4.11	W 103 49 0.49
	2513.00	0.13	326.55	2512.97	4.04	-4.27	2.37	0.06	4.89	150.94	461546.53	700989.87	N 32 16 4.12	W 103 49 0.49
	2607.00	0.13	353.53	2606.97	3.85	-4.08	2.30	0.06	4.68	150.54	461546.72	700989.80	N 32 16 4.12	W 103 49 0.49
	2701.00	0.15	350.48	2700.97	3.62	-3.85	2.27	0.02	4.47	149.47	461546.95	700989.77	N 32 16 4.12	W 103 49 0.49
	2796.00	0.10	137.60	2795.97	3.56	-3.79	2.30	0.25	4.43	148.67	461547.01	700989.80	N 32 16 4.12	W 103 49 0.49
	2890.00	0.09	97.43	2889.97	3.62	-3.86	2.43	0.07	4.56	147.75	461546.94	700989.93	N 32 16 4.12	W 103 49 0.49
	2985.00	0.09	132.69	2984.97	3.67	-3.92	2.56	0.06	4.68	146.81	461546.88	700990.06	N 32 16 4.12	W 103 49 0.48
	3079.00	0.26	236.26	3078.97	3.85	-4.09	2.44	0.31	4.76	149.16	461546.71	700989.94	N 32 16 4.12	W 103 49 0.49
	3172.00	0.18	71.26	3171.97	3.92	-4.16	2.40	0.47	4.80	149.98	461546.64	700989.90	N 32 16 4.12	W 103 49 0.49
	3267.00	0.28	44.78	3266.97	3.68	-3.94	2.71	0.15	4.78	145.53	461546.86	700990.21	N 32 16 4.12	W 103 49 0.48
	3361.00	0.26	79.96	3360.97	3.45	-3.74	3.08	0.17	4.85	140.56	461547.06	700990.58	N 32 16 4.12	W 103 49 0.48
	3456.00	0.25	274.95	3455.97	3.39	-3.69	3.08	0.53	4.81	140.09	461547.11	700990.58	N 32 16 4.12	W 103 49 0.48
	3550.00	0.29	167.81	3549.97	3.62	-3.90	2.93	0.46	4.88	143.10	461546.90	700990.43	N 32 16 4.12	W 103 49 0.48
	3645.00	0.18	133.35	3644.97	3.94	-4.24	3.09	0.18	5.25	143.92	461546.56	700990.59	N 32 16 4.12	W 103 49 0.48
	3739.00	0.17	151.14	3738.97	4.15	-4.46	3.26	0.06	5.53	143.82	461546.34	700990.76	N 32 16 4.11	W 103 49 0.48
	3833.00	0.07	78.87	3832.97	4.25	-4.57	3.39	0.17	5.69	143.48	461546.23	700990.89	N 32 16 4.11	W 103 49 0.47
	3927.00	0.17	297.40	3926.97	4.18	-4.50	3.32	0.24	5.59	143.57	461546.30	700990.82	N 32 16 4.11	W 103 49 0.48
	4023.00	0.22	185.12	4022.97	4.31	-4.62	3.18	0.34	5.60	145.46	461546.18	700990.68	N 32 16 4.11	W 103 49 0.48
	4197.00	1.28	69.41	4196.95	3.80	-4.27	4.97	0.80	6.55	130.66	461546.53	700992.47	N 32 16 4.12	W 103 49 0.46
	4292.00	0.27	258.59	4291.95	3.40	-3.94	5.74	1.63	6.96	124.44	461546.86	700993.24	N 32 16 4.12	W 103 49 0.45
	4387.00	0.18	288.87	4386.94	3.43	-3.93	5.38	0.15	6.66	126.17	461546.87	700992.88	N 32 16 4.12	W 103 49 0.45
	4481.00	0.16	136.91	4480.94	3.48	-3.98	5.33	0.35	6.65	126.76	461546.82	700992.83	N 32 16 4.12	W 103 49 0.45
	4576.00	0.16	142.33	4575.94	3.66	-4.18	5.50	0.02	6.91	127.25	461546.62	700993.00	N 32 16 4.12	W 103 49 0.45
	4670.00	0.17	317.81	4669.94	3.67	-4.18	5.49	0.35	6.90	127.32	461546.62	700992.99	N 32 16 4.12	W 103 49 0.45
	4764.00	0.17	19.52	4763.94	3.44	-3.95	5.44	0.19	6.72	125.97	461546.85	700992.94	N 32 16 4.12	W 103 49 0.45
	4858.00	0.17	128.58	4857.94	3.38	-3.90	5.60	0.29	6.82	124.90	461546.90	700993.10	N 32 16 4.12	W 103 49 0.45
	4952.00	0.18	263.97	4951.94	3.48	-4.01	5.56	0.34	6.85	125.78	461546.79	700993.06	N 32 16 4.12	W 103 49 0.45
	5047.00	0.17	125.15	5046.94	3.58	-4.10	5.53	0.34	6.88	126.60	461546.70	700993.03	N 32 16 4.12	W 103 49 0.45
	5142.00	0.18	255.07	5141.94	3.70	-4.22	5.50	0.33	6.93	127.54	461546.58	700993.00	N 32 16 4.12	W 103 49 0.45
	5237.00	0.17	86.86	5236.94	3.74	-4.25	5.49	0.37	6.95	127.75	461546.55	700992.99	N 32 16 4.12	W 103 49 0.45
	5332.00	0.16	215.29	5331.94	3.83	-4.35	5.56	0.31	7.06	128.08	461546.45	700993.06	N 32 16 4.12	W 103 49 0.45
	5425.00	0.18	133.68	5424.94	4.03	-4.56	5.59	0.24	7.21	129.22	461546.24	700993.09	N 32 16 4.11	W 103 49 0.45
	5520.00	0.22	251.02	5519.94	4.20	-4.72	5.52	0.36	7.27	130.54	461546.08	700993.02	N 32 16 4.11	W 103 49 0.45
	5614.00	1.01	333.88	5613.94	3.57	-4.04	4.99	1.07	6.42	129.00	461546.76	700992.49	N 32 16 4.12	W 103 49 0.46
	5709.00	1.97	323.42	5708.90	1.63	-1.98	3.65	1.05	4.15	118.45	461548.82	700991.15	N 32 16 4.14	W 103 49 0.47
	5803.00	3.19	315.29	5802.81	-1.25	1.18	0.84	1.35	1.45	35.55	461551.98	700988.34	N 32 16 4.17	W 103 49 0.50
	5897.00	4.08	318.68	5896.62	-5.24	5.55	-3.20	0.97	6.41	330.00	461556.35	700984.30	N 32 16 4.21	W 103 49 0.55
	5991.00	5.42	314.27	5990.29	-10.33	11.16	-8.59	1.48	14.09	322.41	461561.96	700978.91	N 32 16 4.27	W 103 49 0.61
	6085.00	6.54	313.52	6083.78	-16.44	17.95	-15.65	1.19	23.81	318.91	461568.75	700971.85	N 32 16 4.34	W 103 49 0.70
	6180.00	7.44	312.89	6178.07	-23.55	25.86	-24.08	0.95	35.34	317.04	461576.66	700963.42	N 32 16 4.42	W 103 49 0.79
	6274.00	8.42	314.51	6271.17	-31.63	34.83	-33.45	1.07	48.29	316.15	461585.62	700954.05	N 32 16 4.50	W 103 49 0.90
	6368.00	8.80	310.89	6364.11	-40.18	44.36	-43.79	0.70	62.33	315.37	461595.15	700943.71	N 32 16 4.60	W 103 49 1.02
	6463.00	9.72	308.59	6457.88	-48.82	54.12	-55.55	1.04	77.56	314.25	461604.91	700931.95	N 32 16 4.70	W 103 49 1.16
	6557.00	12.22	299.90	6550.16	-57.34	64.03	-70.38	3.18	95.15	312.29	461614.82	700917.12	N 32 16 4.80	W 103 49 1.33
	6651.00	11.40	300.25	6642.17	-65.42	73.67	-87.03	0.88	114.02	310.24	461624.46	700900.47	N 32 16 4.89	W 103 49 1.52
	6746.00	11.39	300.61	6735.29	-73.41	83.17	-103.22	0.08	132.56	308.86	461633.97	700884.29	N 32 16 4.99	W 103 49 1.71
	6840.00	12.20	301.31	6827.31	-81.75	93.06	-119.69	0.88	151.61	307.87	461643.85	700867.82	N 32 16 5.08	W 103 49 1.90
	6935.00	12.29	304.20	6920.15	-91.06	103.96	-136.63	0.65	171.69	307.27	461654.75	700850.88	N 32 16 5.19	W 103 49 2.10
	7029.00	12.31	303.37	7011.99	-100.63	115.10	-153.27	0.19	191.68	306.90	461665.89	700834.24	N 32 16 5.30	W 103 49 2.29
	7124.00	12.10	302.86	7104.84	-110.02	126.07	-170.10	0.25	211.72	306.54	461676.86	700817.42	N 32 16 5.41	W 103 49 2.49
	7218.00	12.20	304.64	7196.74	-119.46	137.06	-186.54	0.41	231.48	306.31	461687.85	700800.97	N 32 16 5.52	W 103 49 2.68
	7312.00	12.46	304.58	7288.57	-129.31	148.46	-203.06	0.28	251.55	306.17	461699.25	700784.45	N 32 16 5.64	W 103 49 2.87
	7406.00	11.94	304.93	7380.45	-139.10	159.78	-219.38	0.56	271.40	306.07	461710.57	700768.13	N 32 16 5.75	W 103 49 3.06
	7500.00	12.09	304.52	7472.39	-148.73	170.93	-235.47	0.18	290.97	305.98	461721.72	700752.05	N 32 16 5.86	W 103 49 3.25
	7594.00	12.22	305.68	7564.28	-158.58	182.31	-251.66	0.29	310.76	305.92	461733.10	700735.86	N 32 16 5.97	W 103 49 3.43
	7688.00	12.09	304.60	7656.17	-168.45	193.70	-267.84	0.28	330.55	305.87	461744.49	700719.67	N 32 16 6.09	W 103 49 3.62
	7782.00	12.05	305.56	7748.09	-178.23	205.00	-283.93	0.22	350.20	305.83	461755.79	700703.59	N 32 16 6.20	W 103 49 3.81
	7878.00	12.10	305.42	7841.97	-188.35	216.66	-300.28	0.06	370.28	305.81	461767.44	700687.24	N 32 16 6.32	W 103 49 4.00
	7973.00	11.51	305.05	7934.96	-198.07	227.87	-316.15	0.63	389.72	305.78	461778.66	700671.37	N 32 16 6.43	W 103 49 4.18
	8067.00	11.64	305.25	8027.05	-207.48	238.73	-331.57	0.14	408.58	305.75	461789.52	700655.95	N 32 16 6.54	W 103 49 4.36
	8162.00	11.36	304.79	8120.14	-216.88	249.60	-347.09	0.31	427.51	305.72	461800.38	700640.44	N 32 16 6.64	W 103 49 4.54
	8257.00	11.66	304.77	8213.23	-226.23	260.41	-362.65	0.32	446.47	305.68	461811.20	700624.87	N 32 16 6.75	W 103 49 4.72
	8351.00	11.66	303.65	8305.29	-235.43	271.09	-378.36	0.24	465.46	305.62	461821.88	700609.16	N 32 16 6.86	W 103 49 4.91

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	8446.00	11.56	303.44	8398.35	-244.50	281.66	-394.30	0.11	484.57	305.54	461832.44	700593.23	N 32 16 6.96	W 103 49 5.09
	8540.00	11.65	303.33	8490.43	-253.42	292.06	-410.09	0.10	503.46	305.46	461842.85	700577.44	N 32 16 7.07	W 103 49 5.27
	8634.00	10.46	303.89	8582.68	-261.98	302.04	-425.10	1.27	521.48	305.39	461852.82	700562.43	N 32 16 7.17	W 103 49 5.45
	8728.00	9.98	301.23	8675.19	-269.64	311.02	-439.15	0.72	538.13	305.31	461861.80	700548.38	N 32 16 7.26	W 103 49 5.61
	8822.00	10.25	304.50	8767.73	-277.30	319.98	-453.01	0.67	554.62	305.24	461870.76	700534.52	N 32 16 7.35	W 103 49 5.77
	8916.00	9.07	304.57	8860.39	-285.02	328.92	-466.00	1.26	570.39	305.22	461879.70	700521.53	N 32 16 7.44	W 103 49 5.92
	9011.00	10.39	305.41	8954.03	-293.00	338.13	-479.15	1.40	586.45	305.21	461888.91	700508.38	N 32 16 7.53	W 103 49 6.08
	9107.00	11.92	304.97	9048.21	-302.26	348.83	-494.33	1.60	605.02	305.21	461899.61	700493.20	N 32 16 7.63	W 103 49 6.25
	9198.00	13.38	305.22	9137.00	-312.19	360.29	-510.63	1.61	624.95	305.21	461911.07	700476.90	N 32 16 7.75	W 103 49 6.44
	9292.00	14.68	305.29	9228.19	-323.59	373.44	-529.24	1.38	647.73	305.21	461924.22	700458.29	N 32 16 7.88	W 103 49 6.66
Second Bone Spring Intersection	*9304.10*	*14.68*	*305.28*	*9239.90*	*-325.12*	*375.22*	*-531.75*	*0.03*	*650.80*	*305.21*	*461925.99*	*700455.79*	*N 32 16 7.90*	*W 103 49 6.69*
	9386.00	14.70	305.21	9319.12	-335.51	387.20	-548.71	0.03	671.57	305.21	461937.98	700438.83	N 32 16 8.02	W 103 49 6.88
	9422.00	14.94	305.14	9353.92	-340.11	392.51	-556.24	0.67	680.78	305.21	461943.28	700431.30	N 32 16 8.07	W 103 49 6.97
	9436.00	14.86	304.43	9367.45	-341.88	394.56	-559.19	1.42	684.38	305.21	461945.34	700428.34	N 32 16 8.09	W 103 49 7.00
Actual KOP	*9449.50*	*13.86*	*298.62*	*9380.53*	*-343.37*	*396.31*	*-562.04*	*12.97*	*687.72*	*305.19*	*461947.09*	*700425.50*	*N 32 16 8.11*	*W 103 49 7.04*
	9530.00	12.11	251.45	9459.18	-343.79	398.25	-578.55	12.97	702.38	304.54	461949.03	700408.98	N 32 16 8.13	W 103 49 7.23
	9624.00	13.36	192.97	9551.22	-329.00	384.48	-590.39	13.20	704.54	303.07	461935.25	700397.15	N 32 16 7.99	W 103 49 7.37
	9717.00	23.82	176.09	9639.31	-299.71	355.17	-591.52	12.54	689.96	300.98	461905.95	700396.02	N 32 16 7.70	W 103 49 7.38
	9812.00	31.66	173.10	9723.33	-256.32	311.21	-587.21	8.38	664.58	297.92	461861.99	700400.33	N 32 16 7.27	W 103 49 7.34
	9906.00	37.97	173.28	9800.46	-203.86	257.95	-580.86	6.71	635.56	293.95	461808.73	700406.68	N 32 16 6.74	W 103 49 7.26
	10000.00	46.47	175.81	9870.02	-141.84	195.13	-574.97	9.22	607.18	288.75	461745.91	700412.56	N 32 16 6.12	W 103 49 7.20
	10094.00	50.62	175.09	9932.23	-72.43	124.91	-569.37	4.45	582.91	282.37	461675.71	700418.17	N 32 16 5.42	W 103 49 7.14
	10188.00	58.64	174.85	9986.60	2.93	48.62	-562.65	8.53	564.75	274.94	461599.42	700424.89	N 32 16 4.67	W 103 49 7.06
100' FNL Crossing	*10213.00*	*61.34*	*176.19*	*9999.10*	*24.26*	*27.04*	*-560.96*	*11.77*	*561.61*	*272.76*	*461577.84*	*700426.57*	*N 32 16 4.45*	*W 103 49 7.05*
	10282.00	68.86	179.58	10028.14	86.29	-35.45	-558.71	11.77	559.84	266.37	461515.36	700428.82	N 32 16 3.83	W 103 49 7.02
	10377.00	70.69	179.73	10060.98	175.00	-124.58	-558.18	1.93	571.91	257.42	461426.22	700429.36	N 32 16 2.95	W 103 49 7.02
	10471.00	82.48	176.44	10082.76	265.54	-215.79	-555.06	12.99	595.53	248.76	461335.02	700432.47	N 32 16 2.05	W 103 49 6.99
	10565.00	87.64	175.27	10090.85	357.91	-309.16	-548.29	5.63	629.45	240.58	461241.66	700439.24	N 32 16 1.13	W 103 49 6.92
	10659.00	87.71	174.96	10094.66	450.37	-402.74	-540.29	0.34	673.88	233.30	461148.08	700447.24	N 32 16 0.20	W 103 49 6.83
	10771.00	86.91	177.00	10099.92	560.78	-514.34	-532.45	1.95	740.30	225.99	461036.49	700455.08	N 32 15 59.09	W 103 49 6.74
	10866.00	88.01	180.15	10104.13	655.04	-609.20	-530.09	3.51	807.54	221.03	460941.64	700457.44	N 32 15 58.16	W 103 49 6.72
	10959.00	89.62	182.15	10106.05	747.77	-702.16	-531.96	2.76	880.91	217.15	460848.69	700455.58	N 32 15 57.24	W 103 49 6.75
	11052.00	90.34	180.27	10106.09	840.54	-795.13	-533.92	2.16	957.76	213.88	460755.72	700453.61	N 32 15 56.32	W 103 49 6.78
	11144.00	89.88	182.02	10105.91	932.30	-887.11	-535.76	1.97	1036.34	211.13	460663.75	700451.77	N 32 15 55.41	W 103 49 6.80
	11237.00	89.80	180.30	10106.17	1025.06	-980.09	-537.64	1.85	1117.87	208.75	460570.78	700449.89	N 32 15 54.49	W 103 49 6.83
	11328.00	89.45	181.31	10106.77	1115.79	-1071.07	-538.92	1.17	1199.01	206.71	460479.79	700448.61	N 32 15 53.59	W 103 49 6.85
	11420.00	90.03	180.28	10107.18	1207.51	-1163.06	-540.20	1.28	1282.39	204.91	460387.81	700447.34	N 32 15 52.68	W 103 49 6.87
	11512.00	89.83	180.32	10107.30	1299.17	-1255.06	-540.68	0.22	1366.57	203.31	460295.82	700446.86	N 32 15 51.77	W 103 49 6.88
	11603.00	89.85	180.67	10107.55	1389.85	-1346.06	-541.47	0.39	1450.88	201.91	460204.83	700446.07	N 32 15 50.86	W 103 49 6.90
	11695.00	89.88	181.52	10107.77	1481.61	-1438.04	-543.22	0.92	1537.22	200.69	460112.85	700444.31	N 32 15 49.95	W 103 49 6.92
	11788.00	90.02	180.57	10107.85	1574.36	-1531.02	-544.92	1.03	1625.11	199.59	460019.88	700442.62	N 32 15 49.03	W 103 49 6.95
	11878.00	90.30	180.34	10107.60	1664.05	-1621.02	-545.63	0.40	1710.39	198.60	459929.88	700441.90	N 32 15 48.14	W 103 49 6.96
	11972.00	89.96	181.24	10107.38	1757.76	-1715.01	-546.93	1.02	1800.11	197.69	459835.90	700440.60	N 32 15 47.21	W 103 49 6.98
	12066.00	89.75	180.89	10107.62	1851.51	-1808.99	-548.68	0.43	1890.37	196.87	459741.92	700438.86	N 32 15 46.28	W 103 49 7.01
	12160.00	89.62	180.99	10108.14	1945.25	-1902.98	-550.22	0.17	1980.93	196.13	459647.94	700437.32	N 32 15 45.35	W 103 49 7.03
	12254.00	90.72	181.07	10107.86	2038.99	-1996.96	-551.91	1.17	2071.82	195.45	459553.97	700435.63	N 32 15 44.42	W 103 49 7.05
	12348.00	90.21	180.27	10107.10	2132.69	-2090.95	-553.01	1.01	2162.84	194.81	459459.98	700434.53	N 32 15 43.49	W 103 49 7.07
	12442.00	90.25	180.22	10106.72	2226.33	-2184.95	-553.41	0.07	2253.94	194.21	459365.99	700434.13	N 32 15 42.56	W 103 49 7.08
	12535.00	90.84	179.44	10105.83	2318.92	-2277.94	-553.13	1.05	2344.14	193.65	459273.00	700434.40	N 32 15 41.64	W 103 49 7.08
	12629.00	89.94	179.76	10105.19	2412.46	-2371.94	-552.48	1.02	2435.43	193.11	459179.01	700435.06	N 32 15 40.71	W 103 49 7.08
	12724.00	89.41	179.52	10105.73	2507.00	-2466.93	-551.88	0.61	2527.91	192.61	459084.02	700435.65	N 32 15 39.77	W 103 49 7.08
	12818.00	90.06	179.78	10106.17	2600.56	-2560.93	-551.31	0.74	2619.60	192.15	458990.03	700436.23	N 32 15 38.84	W 103 49 7.08
	12913.00	90.11	179.11	10106.03	2695.07	-2655.93	-550.39	0.71	2712.35	191.71	458895.04	700437.15	N 32 15 37.90	W 103 49 7.07
	13006.00	90.35	179.10	10105.65	2787.54	-2748.91	-548.93	0.26	2803.19	191.29	458802.06	700438.60	N 32 15 36.98	W 103 49 7.06
	13100.00	89.71	178.72	10105.60	2880.96	-2842.90	-547.15	0.79	2895.07	190.89	458708.09	700440.39	N 32 15 36.05	W 103 49 7.04
	13194.00	90.14	178.77	10105.73	2974.36	-2936.87	-545.09	0.46	2987.03	190.51	458614.11	700442.45	N 32 15 35.12	W 103 49 7.03
	13289.00	90.13	180.21	10105.50	3068.88	-3031.87	-544.24	1.52	3080.33	190.18	458519.13	700443.29	N 32 15 34.18	W 103 49 7.02
	13383.00	90.08	180.12	10105.33	3162.51	-3125.87	-544.51	0.11	3172.94	189.88	458425.13	700443.02	N 32 15 33.25	W 103 49 7.03
	13478.00	89.91	180.00	10105.34	3257.13	-3220.87	-544.61	0.22	3266.58	189.60	458330.14	700442.92	N 32 15 32.31	W 103 49 7.04
	13572.00	90.25	180.04	10105.21	3350.74	-3314.87	-544.64	0.36	3359.31	189.33	458236.15	700442.89	N 32 15 31.38	W 103 49 7.04
	13667.00	90.50	180.27	10104.59	3445.36	-3409.86	-544.90	0.36	3453.13	189.08	458141.15	700442.63	N 32 15 30.44	W 103 49 7.05
	13762.00	89.88	180.11	10104.27	3539.99	-3504.86	-545.22	0.67	3547.01	188.84	458046.16	700442.32	N 32 15 29.50	W 103 49 7.06
	13856.00	90.36	180.18	10104.07	3633.62	-3598.86	-545.45	0.52	3639.96	188.62	457952.17	700442.08	N 32 15 28.57	W 103 49 7.07
	13951.00	89.95	180.06	10103.82	3728.24	-3693.86	-545.65	0.45	3733.94	188.40	457857.18	700441.88	N 32 15 27.63	W 103 49 7.08
	14045.00	90.27	180.04	10103.64	3821.86	-3787.86	-545.74	0.34	3826.97	188.20	457763.18	700441.80	N 32 15 26.70	W 103 49 7.08
	14140.00	89.92	182.15	10103.48	3916.60	-3882.84	-547.55	2.25	3921.25	188.03	457668.21	700439.98	N 32 15 25.76	W 103 49 7.11
	14234.00	89.59	182.33	10103.88	4010.47	-3976.76	-551.22	0.40	4014.78	187.89	457574.29	700436.31	N 32 15 24.83	W 103 49 7.16
	14328.00	90.36	183.36	10103.92	4104.39	-4070.65	-555.89	1.37	4108.43	187.78	457480.41	700431.65	N 32 15 23.91	W 103 49 7.22
	14422.00	90.30	184.46	10103.38	4198.36	-4164.42	-562.30	1.17	4202.21	187.69	457386.64	700425.24	N 32 15 22.98	W 103 49 7.30
	14517.00	90.17	186.73	10102.99	4293.35	-4258.96	-571.56	2.39	4297.15	187.64	457292.11	700415.98	N 32 15 22.04	W 103 49 7.41
	14611.00	90.56	187.30	10102.39	4387.30	-4352.26	-583.04	0.73	4391.14	187.63	457198.82	700404.50	N 32 15 21.12	W 103 49 7.55
	14706.00	90.62	187.70	10101.41	4482.22	-4446.44	-595.44	0.43	4486.13	187.63	457104.64	700392.10	N 32 15 20.19	W 103 49 7.70
	14800.00	90.07	188.38	10100.85	4576.11	-4539.51	-608.59	0.93	4580.13	187.64	457011.58	700378.95	N 32 15 19.27	W 103 49 7.86
	14894.00	89.59	188.67	10101.13	4669.95	-4632.47	-622.52	0.60	4674.11	187.65	456918.62	700365.02	N 32 15 18.35	W 103 49 8.02
	14988.00	89.98	190.07	10101.48	4763.71	-4725.22	-637.83	1.55	4768.07	187.69	456825.88	700349.72	N 32 15 17.43	W 103 49 8.21
	15083.00	90.22	191.49	10101.31	4858.26	-4818.54	-655.59	1.52	4862.93	187.75	456732.57	700331.95	N 32 15 16.51	W 103 49 8.42
	15177.00	90.20	189.86	10100.97	4951.83	-4910.91	-673.01	1.73	4956.81	187.80	456640.21	700314.54	N 32 15 15.60	W 103 49 8.63
	15272.00	90.12	189.73	10100.70	5046.53	-5004.52	-689.17	0.16	5051.75	187.84	456546.60	700298.38	N 32 15 14.67	W 103 49 8.82
	15367.00	89.89	190.08	10100.70	5141.22	-5098.11	-705.51	0.44	5146.69	187.88	456453.02	700282.04	N 32 15 13.75	W 103 49 9.01
	15461.00	89.82	192.01	10100.93	5234.73	-5190.36	-723.52	2.05	5240.54	187.94	456360.77	700264.03	N 32 15 12.83	W 103 49 9.23
	15556.00	89.81	193.14	10101.24	5328.95	-5283.08	-744.20	1.19	5335.24	188.02	456268.06	700243.35	N 32 15 11.92	W 103 49 9.48
	15650.00	90.63	194.22	10100.88	5421.93	-5374.41	-766.43	1.44	5428.78	188.12	456176.73	700221.12	N 32 15 11.02	W 103 49 9.74
	15745.00	89.87	195.21	10100.46	5515.63	-5466.29	-790.56	1.31	5523.16	188.23	456084.86	700196.99	N 32 15 10.11	W 103 49 10.03
	15839.00	90.17	193.35	10100.43	5608.45	-5557.38	-813.74	2.00	5616.64	188.33	455993.77	700173.81	N 32 15 9.21	W 103 49 10.30
	15933.00	90.12	191.72	10100.19	5701.69	-5649.14	-834.14	1.73	5710.39	188.40	455902.02	700153.41	N 32 15 8.30	W 103 49 10.54
	16027.00	90.08	192.10	10100.03	5795.05	-5741.11	-853.54	0.41	5804.22	188.46	455810.05	700134.01	N 32 15 7.39	W 103 49 10.77
	16123.00	90.58	192.46	10099.48	5890.32	-5834.92	-873.96	0.64	5900.00	188.52	455716.26	700113.59	N 32 15 6.46	W 103 49 11.02
	16217.00	90.18	191.57	10098.85	5983.66	-5926.85	-893.53	1.04	5993.83	188.57	455624.32	700094.03	N 32 15 5.55	W 103 49 11.25
	16311.00	90.25	189.97	10098.50	6077.22	-6019.19	-911.09	1.70	6087.76	188.61	455531.99	700076.46	N 32 15 4.64	W 103 49 11.46
	16405.00	90.65	187.45	10097.76	6171.04	-6112.10	-925.33	2.71	6181.75	188.61	455439.09	700062.23	N 32 15 3.72	W 103 49 11.63
	16596.00	90.36	181.88	10096.08	6361.95	-6302.38	-940.85	2.92	6372.23	188.49	455248.82	700046.71	N 32 15 1.84	W 103 49 11.82
	16691.00	90.29	180.89	10095.54	6456.73	-6397.35	-943.15	1.04	6466.50	188.39	455153.85	700044.41	N 32 15 0.90	W 103 49 11.85
	16880.00	89.44	181.40	10095.98	6645.25	-6586.31	-946.93	0.52	6654.04	188.18	454964.91	700040.63	N 32 14 59.03	W 103 49 11.91
	16975.00	90.37	181.55	10096.14	6740.04	-6681.28	-949.37	0.99	6748.39	188.09	454869.95	700038.19	N 32 14 58.09	W 103 49 11.94
	17069.00	90.31	181.40	10095.58	6833.84	-6775.25	-951.79	0.17	6841.78	188.00	454775.98	700035.77	N 32 14 57.16	W 103 49 11.98
	17163.00	90.40	181.60	10095.00	6927.63	-6869.21	-954.25	0.23	6935.18	187.91	454682.02	700033.31	N 32 14 56.23	W 103 49 12.01
	17258.00	90.20	182.40	10094.50	7022.48	-6964.15	-957.57	0.87	7029.68	187.83	454587.09	700029.99	N 32 14 55.29	W 103 49 12.05
	17352.00	90.51	181.48	10093.92	7116.32	-7058.10	-960.75	1.03	7123.19	187.75	454493.15	700026.81	N 32 14 54.36	W 103 49 12.10
	17447.00	90.63	181.02	10092.98	7211.09	-7153.07	-962.82	0.50	7217.58	187.67	454398.19	700024.74	N 32 14 53.42	W 103 49 12.13
	17542.00	89.43	179.46	10092.93	7305.72	-7248.06	-963.22	2.07	7311.79	187.57	454303.20	700024.34	N 32 14 52.48	W 103 49 12.14
	17636.00	89.53	179.49	10093.78	7399.24	-7342.06	-962.36	0.11	7404.86	187.47	454209.21	700025.20	N 32 14 51.55	W 103 49 12.13
	17732.00	89.76	179.68	10094.37	7494.77	-7438.05	-961.66	0.31	7499.96	187.37	454113.22	700025.90	N 32 14 50.60	W 103 49 12.13
	17826.00	90.09	179.57	10094.50	7588.32	-7532.05	-961.05	0.37	7593.11	187.27	454019.23	700026.51	N 32 14 49.67	W 103 49 12.13
	17922.00	90.24	179.59	10094.22	7683.86	-7628.05	-960.34	0.16	7688.26	187.18	453923.24	700027.22	N 32 14 48.72	W 103 49 12.12
	18017.00	90.35	179.49	10093.73	7778.39	-7723.04	-959.58	0.16	7782.43	187.08	453828.25	700027.98	N 32 14 47.78	W 103 49 12.12
	18111.00	90.27	179.89	10093.22	7871.94	-7817.04	-959.07	0.43	7875.65	186.99	453734.26	700028.49	N 32 14 46.85	W 103 49 12.12
	18205.00	89.75	179.92	10093.21	7965.54	-7911.04	-958.92	0.55	7968.94	186.91	453640.27	700028.64	N 32 14 45.92	W 103 49 12.12
	18300.00	89.20	179.60	10094.08	8060.10	-8006.03	-958.52	0.67	8063.21	186.83	453545.28	700029.04	N 32 14 44.98	W 103 49 12.12
	18395.00	90.63	179.62	10094.22	8154.64	-8101.03	-957.87	1.51	8157.46	186.74	453450.29	700029.69	N 32 14 44.04	W 103 49 12.12
	18489.00	90.49	179.19	10093.30	8248.15	-8195.02	-956.90	0.48	8250.70	186.66	453356.30	700030.66	N 32 14 43.11	W 103 49 12.11
	18583.00	90.44	179.35	10092.54	8341.64	-8289.01	-955.70	0.18	8343.92	186.58	453262.32	700031.86	N 32 14 42.18	W 103 49 12.11
	18678.00	90.84	179.11	10091.48	8436.11	-8383.99	-954.42	0.49	8438.14	186.49	453167.34	700033.14	N 32 14 41.24	W 103 49 12.10
	18868.00	90.02	179.60	10090.05	8625.10	-8573.97	-952.28	0.50	8626.69	186.34	452977.37	700035.28	N 32 14 39.36	W 103 49 12.08

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	18963.00	90.22	178.83	10089.85	8719.58	-8668.96	-950.98	0.84	8720.97	186.26	452882.39	700036.58	N 32 14 38.42	W 103 49 12.07
	19058.00	90.39	178.43	10089.35	8813.94	-8763.93	-948.71	0.46	8815.14	186.18	452787.42	700038.85	N 32 14 37.48	W 103 49 12.05
	19153.00	90.22	179.87	10088.84	8908.40	-8858.92	-947.30	1.53	8909.42	186.10	452692.44	700040.26	N 32 14 36.54	W 103 49 12.04
	19247.00	89.80	181.52	10088.82	9002.11	-8952.91	-948.44	1.81	9003.01	186.05	452598.46	700039.12	N 32 14 35.61	W 103 49 12.06
	19342.00	90.33	181.88	10088.72	9096.92	-9047.87	-951.26	0.67	9097.74	186.00	452503.51	700036.30	N 32 14 34.68	W 103 49 12.10
	19436.00	90.21	180.43	10088.27	9190.68	-9141.85	-953.15	1.55	9191.40	185.95	452409.54	700034.41	N 32 14 33.75	W 103 49 12.12
	19530.00	89.94	180.26	10088.15	9284.34	-9235.84	-953.72	0.34	9284.95	185.90	452315.55	700033.84	N 32 14 32.82	W 103 49 12.14
	19624.00	91.00	180.38	10087.38	9377.99	-9329.84	-954.25	1.13	9378.51	185.84	452221.56	700033.32	N 32 14 31.89	W 103 49 12.15
	19718.00	90.63	179.36	10086.04	9471.57	-9423.83	-954.03	1.15	9471.99	185.78	452127.57	700033.53	N 32 14 30.96	W 103 49 12.15
	19814.00	90.00	178.00	10085.51	9566.93	-9519.80	-951.82	1.56	9567.26	185.71	452031.61	700035.74	N 32 14 30.01	W 103 49 12.13
	19908.00	90.03	179.59	10085.49	9660.34	-9613.77	-949.84	1.69	9660.58	185.64	451937.64	700037.72	N 32 14 29.08	W 103 49 12.11
	20003.00	89.68	178.28	10085.73	9754.76	-9708.75	-948.08	1.43	9754.93	185.58	451842.66	700039.48	N 32 14 28.14	W 103 49 12.10
	20098.00	89.55	178.47	10086.37	9849.08	-9803.71	-945.38	0.24	9849.19	185.51	451747.71	700042.18	N 32 14 27.20	W 103 49 12.07
	20192.00	90.60	178.80	10086.24	9942.45	-9897.69	-943.15	1.17	9942.52	185.44	451653.75	700044.41	N 32 14 26.27	W 103 49 12.05
	20286.00	89.42	178.04	10086.23	10035.79	-9991.65	-940.55	1.49	10035.82	185.38	451559.79	700047.01	N 32 14 25.34	W 103 49 12.02
	20381.00	89.67	179.97	10086.98	10130.22	-10086.63	-938.90	2.05	10130.23	185.32	451464.82	700048.66	N 32 14 24.40	W 103 49 12.01
	20476.00	89.30	180.41	10087.84	10224.85	-10181.62	-939.22	0.61	10224.85	185.27	451369.83	700048.34	N 32 14 23.46	W 103 49 12.02
	20570.00	89.77	179.96	10088.60	10318.48	-10275.62	-939.52	0.69	10318.48	185.22	451275.84	700048.04	N 32 14 22.53	W 103 49 12.03
100' FSL Crossing	*20642.00*	*90.20*	*179.61*	*10088.62*	*10390.15*	*-10347.62*	*-939.25*	*0.77*	*10390.16*	*185.19*	*451203.84*	*700048.31*	*N 32 14 21.81*	*W 103 49 12.03*
Final MWD	20648.00	90.24	179.58	10088.59	10396.12	-10353.62	-939.21	0.77	10396.13	185.18	451197.84	700048.35	N 32 14 21.75	W 103 49 12.03
Proj to TD	20676.00	90.24	179.58	10088.48	10423.99	-10381.61	-939.00	0.00	10423.99	185.17	451169.85	700048.56	N 32 14 21.48	W 103 49 12.03

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 3 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	32.500	1/98.425	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Arkenstone 31 Federal 3H / Oxy Arkenstone 31 Federal 3H Gyro+MWD 0' to 20676'MD
	1	32.500	32.500	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Arkenstone 31 Federal 3H / Oxy Arkenstone 31 Federal 3H Gyro+MWD 0' to 20676'MD
	1	32.500	398.530	Act Stns	26.400	26.400	GYD_GC+DROP+OH	Arkenstone 31 Federal 3H / Oxy Arkenstone 31 Federal 3H
	1	398.530	20676.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Arkenstone 31 Federal 3H / Oxy Arkenstone 31 Federal 3H Gyro+MWD 0' to 20676'MD

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

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

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

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 97396
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 97396

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 97396
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	RT EXPIRES 7/12/2022.	5/3/2022