

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 - RT- 03/30/2021
⁴ API Number 30-015-46372	⁵ Pool Name Ingle Wells; Bone Spring	⁶ Pool Code 33740
⁷ Property Code: 326187	⁸ Property Name: PRECIOUS 30-18 FEDERAL COM	⁹ Well Number: 7H

II. ¹⁰ Surface Location

Ul or lot no. D	Section 31	Township 23S	Range 31E	Lot Idn	Feet from the 570	North/South Line NORTH	Feet from the 620	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location FTP: 136' FSL 1265' FWL LTP: 2492' FSL 1248' FWL

UL or lot no. L	Section 18	Township 23S	Range 31E	Lot Idn	Feet from the 2621	North/South line SOUTH	Feet from the 1245	East/West line WEST	County EDDY
¹² Lse Code F	¹³ Producing Method Code : F		¹⁴ Gas Connection Date: TBD		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 01/23/2020	²² Ready Date 03/30/2021	²³ TD 22915'M 9820'V	²⁴ PBTB 22882'M 9820'V	²⁵ Perforations 9810-22786'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2"		13-3/8"		439'	545
12-1/4"		9-5/8"		4165'	1383
8-3/4" x 8-1/2"		5-1/2"		22894'	3106

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:
REGULATORY SPECIALIST

E-mail Address:
Janalyn_mendiola@oxy.com

Date: 03/30/2021 Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Kurt Simmons

Title:
NMOCD, Santa Fe

Approval Date: 06/09/2021

RT C-104 EXPIRES 06/30/2021

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 30-015-46372	² Pool Code 33740	³ Pool Name INGLE WELLS; BONE SPRING
⁴ Property Code 326187	Property Name PRECIOUS 30-18 FEDERAL COM	
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC.	⁶ Well Number 7H ⁹ Elevation 3348'

¹⁰ Surface Location

UL or lot no. L 1	Section 31	Township 23S	Range 31E	Lot Idn	Feet from the 570	North/South line NORTH	Feet from the 620	East/West line WEST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. L 3	Section 18	Township 23S	Range 31E	Lot Idn	Feet from the 2621	North/South line SOUTH	Feet from the 1245	East/West line WEST	County EDDY
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¹² Dedicated Acres 816.41	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

	CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 700894.47' / Y: 474884.09' B - X: 700898.48' / Y: 472240.98' C - X: 700928.18' / Y: 466962.44' D - X: 700956.71' / Y: 461680.43' E - X: 698257.20' / Y: 461665.25' F - X: 698256.20' / Y: 461663.52' G - X: 698245.01' / Y: 464307.15' H - X: 698244.10' / Y: 464504.57' I - X: 698232.90' / Y: 466949.05' J - X: 698232.00' / Y: 467145.63' K - X: 698220.80' / Y: 469590.52' L - X: 698219.90' / Y: 469787.35' M - X: 698209.23' / Y: 472232.25' N - X: 698208.38' / Y: 472426.74' O - X: 698198.19' / Y: 474872.15'	CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 659701.32' / Y: 474824.45' B - X: 659715.25' / Y: 472181.41' C - X: 659744.79' / Y: 466903.01' D - X: 659737.17' / Y: 461621.13' E - X: 657073.66' / Y: 461605.95' F - X: 657072.66' / Y: 461804.21' G - X: 657061.54' / Y: 464246.14' H - X: 657060.64' / Y: 464445.20' I - X: 657049.52' / Y: 466889.62' J - X: 657048.62' / Y: 467086.19' K - X: 657037.49' / Y: 469531.02' L - X: 657036.60' / Y: 469727.84' M - X: 657026.00' / Y: 472172.68' N - X: 657025.15' / Y: 472367.17' O - X: 657015.03' / Y: 474812.52'
	SURFACE HOLE LOCATION 570' FSL 620' FWL, SECTION 31 NAD 83, SPCS NM EAST X: 698879.80' / Y: 461098.70' LAT: 32.26680675N / LON: 103.82363533W X: 659944.81' / Y: 474728.69' X: 657696.24' / Y: 461039.42' LAT: 32.26648384N / LON: 103.82314894W	
	KICK OFF POINT 162' FSL 1196' FWL, SECTION 31 9303' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 699454.12' / Y: 461509.92' LAT: 32.26772959N / LON: 103.82177095W NAD 27, SPCS NM EAST X: 659270.57' / Y: 461450.63' LAT: 32.26760668N / LON: 103.82128457W	
	LAST TAKE POINT 2492' FSL 1248' FWL, SECTION 18 22786' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 699446.81' / Y: 474728.69' LAT: 32.30408504N / LON: 103.82159056W NAD 27, SPCS NM EAST X: 658263.65' / Y: 474669.06' LAT: 32.30394238N / LON: 103.82110273W	

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: 03/30/21
Printed Name: JANA MENDIOLA
E-mail Address: janalyn_mendiola@oxy.com

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.

MARCH 24, 2021
Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number: DAVID W. MYERS 11403

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

Schlumberger

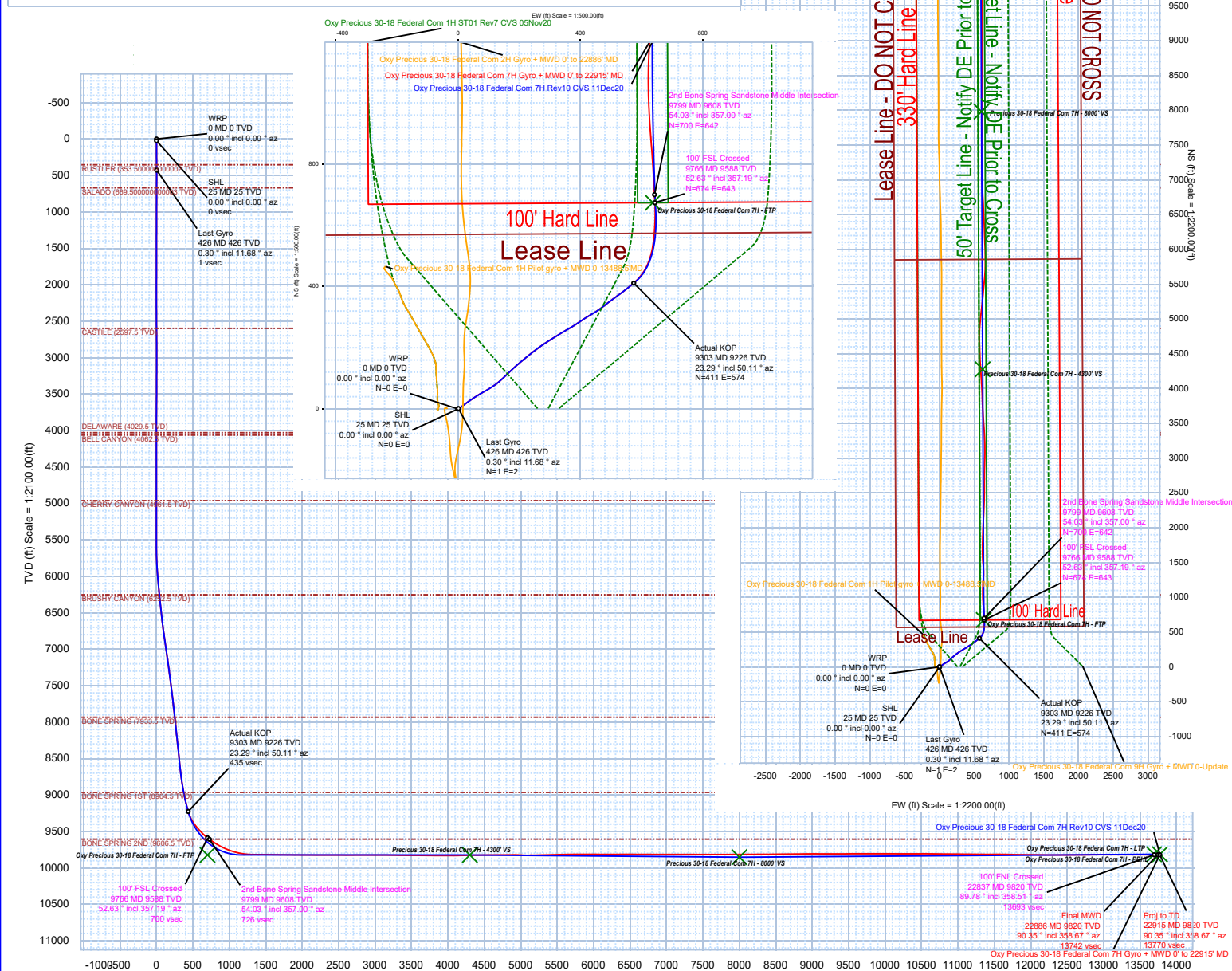
OXY



Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Precious 30-18 Federal Com 7H	NM Eddy County (NAD 83)	Oxy Precious 30-18 Federal Com 2H & 7H

Gravity & Magnetic Parameters				Surface Location				Miscellaneous			
Model:	IFR1	Dip:	59.983°	Date:	01-Dec-2020	Lat:	N 32 15 59.78	Northing:	461098.78US	Grid Conv:	0.2721°
MagDec:	6.93°	FS:	47802.2nT	Gravity FS:	998.451mg (9.80665 Based)	Lon:	W 103 49 25.09	Easting:	698879.88US	Scale Fact:	0.99993752
								Oxy Precious 30-18 Federal Com 2H Gyro + MWD 0' to 22915' 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	0.00	14500
SHL	25.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	13500
Last Gyro	426.00	0.30	11.68	425.99	1.35	1.28	1.68	0.43	12500
Actual KOP	9303.00	23.29	50.11	9226.25	435.00	411.22	574.32	2.09	12000
100' FSL Crossed	9766.00	52.63	357.19	9588.49	700.34	673.87	643.48	9.81	11500
2nd Bone Spring Sandstone Middle Intersection	9798.73	54.03	357.00	9608.00	726.49	700.11	642.11	3.85	11000
100' FNL Crossed	22837.00	89.78	358.51	9820.00	13692.65	13680.97	565.57	0.48	10500
Final MWD	22886.00	90.35	358.67	9819.97	13741.54	13729.95	564.37	1.33	10000
Proj to TD	22915.00	90.35	358.67	9819.79	13770.48	13758.94	563.69	0.00	9500



Schlumberger

Oxy Precious 30-18 Federal Com 7H Gyro + MWD 0' to 22915' MD Survey

Geodetic Report

(Def Survey)



Report Date: December 21, 2020 - 01:48 PM
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Precious 30-18 Federal Com 2H & 7H / Oxy Precious 30-18 Federal Com 7H
Well: Oxy Precious 30-18 Federal Com 7H
Borehole: Original Borehole
UWI / API#: Unknown / 30-015-46372
Survey Name: Oxy Precious 30-18 Federal Com 7H Gyro + MWD 0' to 22915' MD
Survey Date: December 11, 2020
Tort / AHD / DDI / ERD Ratio: 257.186 * / 14107.252 ft / 6.927 / 1.435
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 15' 59.78429", W 103° 49' 25.08719"
Location Grid N/E Y/X: N 461098.700 ftUS, E 698879.800 ftUS
CRS Grid Convergence Angle: 0.2721 °
Grid Scale Factor: 0.99993752
Version / Patch: 2.10.824.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 2.410 * (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3372.900 ft above MSL
Seabed / Ground Elevation: 3347.900 ft above MSL
Magnetic Declination: 6.930 *
Total Gravity Field Strength: 998.4514mgN (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47802.200 nT
Magnetic Dip Angle: 59.983 °
Declination Date: December 01, 2020
Magnetic Declination Model: IFR1
North Reference: Grid North
Grid Convergence Used: 0.2700 °
Total Corr Mag North->Grid North: 6.6600 *
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
WRP SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	0.00	0.00	461098.70	698879.80	N 32 15 59.78 W	103 49 25.09
	25.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	461098.70	698879.80	N 32 15 59.78 W	103 49 25.09
	42.50	0.17	84.82	42.50	0.00	0.00	0.03	0.97	0.03	84.82	461098.70	698879.83	N 32 15 59.78 W	103 49 25.09
	70.80	0.26	72.25	70.80	0.03	0.03	0.13	0.36	0.13	78.71	461098.73	698879.93	N 32 15 59.78 W	103 49 25.09
	103.80	0.34	81.65	103.80	0.08	0.06	0.30	0.28	0.30	78.07	461098.76	698880.10	N 32 15 59.78 W	103 49 25.08
	133.00	0.34	66.50	133.00	0.13	0.11	0.46	0.31	0.48	76.63	461098.81	698880.26	N 32 15 59.79 W	103 49 25.08
	162.00	0.27	67.99	162.00	0.20	0.17	0.60	0.24	0.63	74.31	461098.87	698880.40	N 32 15 59.79 W	103 49 25.08
	188.80	0.30	59.61	188.80	0.26	0.23	0.72	0.19	0.76	72.44	461098.93	698880.52	N 32 15 59.79 W	103 49 25.08
	213.70	0.35	41.70	213.70	0.35	0.32	0.83	0.45	0.89	69.00	461099.02	698880.63	N 32 15 59.79 W	103 49 25.08
	241.80	0.37	51.15	241.80	0.48	0.44	0.96	0.22	1.05	65.35	461099.14	698880.76	N 32 15 59.79 W	103 49 25.08
Last Gyro	270.80	0.38	48.73	270.80	0.61	0.56	1.10	0.06	1.24	63.01	461099.26	698880.90	N 32 15 59.79 W	103 49 25.07
	333.90	0.35	39.81	333.90	0.91	0.85	1.38	0.10	1.62	58.50	461099.55	698881.18	N 32 15 59.79 W	103 49 25.07
	365.40	0.33	42.01	365.39	1.05	0.99	1.51	0.08	1.80	56.70	461099.69	698881.31	N 32 15 59.79 W	103 49 25.07
	396.90	0.34	32.95	396.89	1.20	1.14	1.62	0.17	1.98	54.95	461099.84	698881.42	N 32 15 59.80 W	103 49 25.07
	426.00	0.30	11.68	425.99	1.35	1.28	1.68	0.43	2.11	52.65	461099.98	698881.48	N 32 15 59.80 W	103 49 25.07
	521.00	0.07	126.54	520.99	1.56	1.49	1.78	0.35	2.32	50.00	461100.19	698881.58	N 32 15 59.80 W	103 49 25.07
	642.00	0.30	227.87	641.99	1.30	1.23	1.60	0.27	2.02	52.37	461099.93	698881.40	N 32 15 59.80 W	103 49 25.07
	733.00	0.30	155.23	732.99	0.92	0.86	1.52	0.39	1.75	60.62	461099.56	698881.32	N 32 15 59.79 W	103 49 25.07
	825.00	0.22	258.91	824.99	0.67	0.61	1.45	0.45	1.57	67.36	461099.31	698881.25	N 32 15 59.79 W	103 49 25.07
	917.00	0.24	260.05	916.99	0.58	0.54	1.09	0.02	1.22	63.69	461099.24	698880.89	N 32 15 59.79 W	103 49 25.07
	1009.00	0.12	78.72	1008.99	0.57	0.52	0.99	0.39	1.12	62.20	461099.22	698880.79	N 32 15 59.79 W	103 49 25.08
	1103.00	0.28	229.39	1102.99	0.43	0.39	0.92	0.41	1.00	66.73	461099.09	698880.72	N 32 15 59.79 W	103 49 25.08
	1195.00	0.28	242.87	1194.99	0.17	0.15	0.55	0.07	0.56	75.11	461098.85	698880.35	N 32 15 59.79 W	103 49 25.08
	1286.00	0.21	171.22	1285.99	-0.11	-0.12	0.37	0.32	0.39	108.00	461098.58	698880.17	N 32 15 59.78 W	103 49 25.08
	1379.00	0.31	203.56	1378.99	-0.51	-0.52	0.30	0.19	0.60	150.16	461098.18	698880.10	N 32 15 59.78 W	103 49 25.08
	1473.00	0.27	160.61	1472.99	-0.95	-0.96	0.27	0.23	1.00	164.31	461097.74	698880.07	N 32 15 59.77 W	103 49 25.08
	1567.00	0.32	53.44	1566.99	-0.99	-1.01	0.55	0.51	1.16	151.34	461097.69	698880.35	N 32 15 59.77 W	103 49 25.08
	1662.00	0.24	303.07	1661.98	-0.72	-0.75	0.60	0.49	0.96	141.23	461097.95	698880.40	N 32 15 59.78 W	103 49 25.08
	1757.00	0.27	273.00	1756.98	-0.62	-0.63	0.21	0.14	0.66	161.45	461098.07	698880.01	N 32 15 59.78 W	103 49 25.08
	1852.00	0.22	196.95	1851.98	-0.79	-0.79	-0.07	0.32	0.79	184.77	461097.91	698879.73	N 32 15 59.78 W	103 49 25.09
	1946.00	0.25	171.32	1945.98	-1.17	-1.17	-0.09	0.12	1.17	184.30	461097.53	698879.71	N 32 15 59.77 W	103 49 25.09
	2041.00	0.31	167.87	2040.98	-1.62	-1.62	0.00	0.07	1.62	180.08	461097.08	698879.80	N 32 15 59.77 W	103 49 25.09
	2136.00	0.14	295.61	2135.98	-1.82	-1.82	-0.05	0.43	1.82	181.67	461096.88	698879.75	N 32 15 59.77 W	103 49 25.09
	2231.00	0.24	346.80	2230.98	-1.59	-1.58	-0.20	0.20	1.59	187.33	461097.12	698879.60	N 32 15 59.77 W	103 49 25.09
	2326.00	0.31	37.82	2325.98	-1.19	-1.18	-0.09	0.26	1.19	184.40	461097.52	698879.71	N 32 15 59.77 W	103 49 25.09
	2421.00	0.23	320.14	2420.98	-0.83	-0.83	-0.06	0.36	0.84	183.82	461097.87	698879.74	N 32 15 59.78 W	103 49 25.09
	2515.00	0.27	339.51	2514.98	-0.49	-0.48	-0.25	0.10	0.54	207.84	461098.22	698879.55	N 32 15 59.78 W	103 49 25.09
	2610.00	0.58	3.53	2609.98	0.20	0.21	-0.30	0.37	0.37	304.57	461098.91	698879.50	N 32 15 59.79 W	103 49 25.09
	2705.00	0.54	325.05	2704.97	1.03	1.06	0.39	0.39	1.18	333.35	461099.76	698879.27	N 32 15 59.79 W	103 49 25.09
	2799.00	0.28	351.78	2798.97	1.61	1.65	-0.82	0.34	1.84	333.62	461100.35	698878.98	N 32 15 59.80 W	103 49 25.10
	2894.00	0.40	283.25	2893.97	1.90	1.95	-1.17	0.42	2.28	329.01	461100.65	698878.63	N 32 15 59.80 W	103 49 25.10
	2989.00	0.17	301.46	2988.97	2.03	2.10	-1.62	0.26	2.65	322.45	461100.80	698878.18	N 32 15 59.81 W	103 49 25.11
	3084.00	0.62	262.69	3083.96	2.01	2.11	-2.25	0.53	3.08	313.21	461100.81	698877.55	N 32 15 59.81 W	103 49 25.11
	3179.00	0.59	250.98	3178.96	1.75	1.88	-3.22	0.13	3.73	300.36	461100.58	698876.58	N 32 15 59.80 W	103 49 25.12
	3274.00	0.44	161.63	3273.96	1.23	1.38	-3.56	0.77	3.82	291.15	461100.08	698876.24	N 32 15 59.80 W	103 49 25.13
	3368.00	0.18	72.83	3367.95	0.94	1.08	-3.31	0.50	3.48	288.07	461099.78	698876.49	N 32 15 59.80 W	103 49 25.13
	3464.00	0.29	111.27	3463.95	0.91	1.04	-2.94	0.19	3.12	289.42	461099.74	698876.86	N 32 15 59.79 W	103 49 25.12
	3558.00	0.17	148.41	3557.95	0.35	0.45	-2.41	0.54	2.46	280.66	461099.15	698877.39	N 32 15 59.79 W	103 49 25.12
	3653.00	0.49	141.38	3652.94	-0.44	-0.36	-1.85	0.24	1.89	258.85	461098.34	698877.95	N 32 15 59.78 W	103 49 25.11
	3747.00	0.42	142.67	3746.94	-1.01	-0.95	-1.39	0.08	1.69	235.59	461097.75	698878.41	N 32 15 59.77 W	103 49 25.10
	3842.00	0.71	134.07	3841.94	-1.67	-1.64	-0.76	0.32	1.81	204.79	461097.06	698879.04	N 32 15 59.77 W	103 49 25.10
	3936.00	0.55	89.94	3935.93	-2.04	-2.04	0.11	0.53	2.05	176.85	461096.66	698879.91	N 32 15 59.76 W	103 49 25.09
	4031.00	0.22	31.66	4030.93	-1.86	-1.89	0.66	0.50	2.00	160.62	461096.81	698880.46	N 32 15 59.77 W	103 49 25.08
	4048.00	0.40	70.68	4047.93	-1.81	-1.84	0.74	1.57	1.98	158.17	461096.86	698880.54	N 32 15 59.77 W	103 49 25.08
	4209.00	0.03	50.95	4208.93	-1.57	-1.63	1.30	0.23	2.08	141.38	461097.07	698881.10	N 32 15 59.77 W	103 49 25.07
	4303.00	0.03	422.63	4302.93	-1.54	-1.59	1.30	0.07	2.06	140.68	461097.11	698881.10	N 32 15 59.77 W	103 49 25.07
	4398.00	0.02	301.57	4397.93	-1.51	-1.56	1.28	0.01	2.02	140.81	461097.14	698881.08	N 32 15 59.77 W	103 49 25.07
	4492.00	0.02	107.85	4491.93	-1.51	-1.56	1.28	0.04	2.02	140.71	461097.14	698881.08	N 32 15 59.77 W	103 49 25.07
	4587.00	0.04	271.43	4586.93	-1.51	-1.57	1.26	0.06	2.01	141.17	461097.13	698881.06	N 32 15 59.77 W	103 49 25.07
	4682.00	0.02	53.76	4681.93	-1.50	-1.55	1.24	0.06	1.99	141.43	461097.15	698881.04	N 32 15 59.77 W	103 49 25.07
4777.00	0.03	355.94	4776.93	-1.47	-1.52	1.25	0.03	1.97	140.53	461097.18	698881.05	N 32 15 59.77 W	103 49 25.07	
4871.00	0.03	116.23	4870.93	-1.45	-1.51	1.27	0.06	1.97	139.83	461097.19	698881.07	N 32 15 59.77 W	103 49 25.07	
4966.00	0.03	36.41	4965.93	-1.44	-1.50	1.31	0.04	1.99	138.84	461097.20	698881.11	N 32 15 59.77 W	103 49 25.07	
5060.00	0.04	199.25	5059.93	-1.45	-1.51	1.31	0.07	2.00	138.97	461097.19	698881.11	N 32 15 59.77 W	103 49 25.07	
5155.00	0.02	314.97	5154.93	-1.47	-1.53	1.29	0.05	2.00	139.83	461097.17	698881.09	N 32 15 59.77 W	103 49 25.07	
5250.00	0.02	99.98	5249.93	-1.46	-1.52	1.29	0.04	2.00	139.56	461097.18	698881.09	N 32 15 59.77 W	103 49 25.07	
5344.00	0.03	34.25	5343.93	-1.44	-1.50	1.32	0.03	2.00	138.59	461097.20	698881.12	N 32 15 59.77 W	103 49 25.07	
5439.00	0.04	347.84	5438.93	-1.39	-1.44									

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 ° ' ")
Actual KOP	7993.00	11.07	57.82	7955.36	252.81	239.41	323.66	0.15	402.58	53.51	461338.10	699203.44	N 32 16 2.14	W 103 49 21.30
	8087.00	10.96	59.03	8047.63	262.85	248.82	338.96	0.27	420.48	53.72	461347.50	699218.74	N 32 16 2.23	W 103 49 21.13
	8182.00	10.94	60.17	8140.90	272.63	257.95	354.52	0.23	438.43	53.96	461356.63	699234.30	N 32 16 2.32	W 103 49 20.94
	8276.00	11.19	59.64	8233.16	282.32	266.99	370.13	0.29	456.38	54.20	461365.68	699249.91	N 32 16 2.41	W 103 49 20.76
	8371.00	10.79	56.74	8326.41	292.50	276.53	385.52	0.72	474.44	54.35	461375.21	699265.29	N 32 16 2.50	W 103 49 20.58
	8466.00	9.68	55.46	8419.90	302.48	285.94	399.54	1.19	491.31	54.41	461384.62	699279.31	N 32 16 2.59	W 103 49 20.42
	8561.00	9.40	56.73	8513.59	311.81	294.72	412.60	0.37	507.05	54.46	461393.40	699292.37	N 32 16 2.68	W 103 49 20.27
	8655.00	10.91	59.25	8606.11	321.15	303.48	426.66	1.67	523.59	54.58	461402.16	699306.44	N 32 16 2.77	W 103 49 20.10
	8750.00	12.24	59.76	8699.18	331.50	313.15	443.09	1.40	542.58	54.75	461411.83	699322.86	N 32 16 2.86	W 103 49 19.91
	8844.00	13.35	54.70	8790.85	343.52	324.44	460.56	1.68	563.36	54.84	461423.12	699340.33	N 32 16 2.97	W 103 49 19.71
	8939.00	14.77	51.61	8883.00	358.14	338.30	479.00	1.69	586.42	54.77	461436.98	699358.77	N 32 16 3.11	W 103 49 19.49
	9033.00	16.94	53.89	8973.42	374.50	353.81	499.46	2.40	612.08	54.69	461452.49	699379.23	N 32 16 3.26	W 103 49 19.25
	9128.00	19.84	53.72	9063.56	393.20	371.51	523.64	3.05	642.04	54.65	461470.19	699403.41	N 32 16 3.44	W 103 49 18.97
	9223.00	21.77	51.91	9152.36	414.72	391.92	550.51	2.14	675.76	54.55	461490.59	699430.27	N 32 16 3.64	W 103 49 18.65
	9303.00	23.29	50.11	9226.25	435.00	411.22	574.32	2.09	706.36	54.40	461509.89	699454.08	N 32 16 3.83	W 103 49 18.38
	9390.00	29.40	37.30	9304.24	464.14	439.28	600.50	9.56	744.02	53.81	461537.95	699480.26	N 32 16 4.10	W 103 49 18.07
	9485.00	35.57	20.14	9384.51	509.73	483.91	624.22	11.62	789.82	52.22	461582.58	699503.98	N 32 16 4.54	W 103 49 17.79
	9579.00	41.26	7.55	9458.25	566.78	540.44	637.74	10.27	835.93	49.72	461639.10	699517.50	N 32 16 5.10	W 103 49 17.63
	9674.00	44.71	2.98	9527.75	631.43	604.90	643.59	4.89	863.24	46.78	461703.56	699523.35	N 32 16 5.74	W 103 49 17.56
100' FSL Crossed	9766.00	52.63	357.19	9588.49	700.34	673.87	643.48	9.81	931.76	43.68	461772.53	699523.24	N 32 16 6.42	W 103 49 17.56
2nd Bone Spring	9769.00	52.89	357.02	9590.30	702.71	676.26	643.36	9.81	933.40	43.57	461774.91	699523.12	N 32 16 6.45	W 103 49 17.56
Sandstone Middle Intersection	9798.73	54.03	357.00	9608.00	726.49	700.11	642.11	3.85	949.98	42.53	461798.77	699521.87	N 32 16 6.68	W 103 49 17.57
	9863.00	56.51	356.96	9644.61	779.07	752.86	639.33	3.85	987.69	40.34	461851.51	699519.09	N 32 16 7.20	W 103 49 17.60
	9958.00	61.14	355.69	9693.78	859.87	833.94	634.10	5.01	1047.64	37.25	461932.59	699513.86	N 32 16 8.01	W 103 49 17.66
	10053.00	66.46	355.84	9735.70	944.51	918.92	627.81	5.60	1112.91	34.34	462017.56	699507.57	N 32 16 8.85	W 103 49 17.72
	10147.00	72.05	357.96	9768.99	1031.97	1006.66	623.09	6.31	1183.89	31.76	462105.29	699502.85	N 32 16 9.72	W 103 49 17.77
	10243.00	77.30	0.83	9794.36	1124.39	1099.20	622.14	6.18	1263.05	29.51	462197.83	699501.90	N 32 16 10.63	W 103 49 17.78
	10337.00	83.33	3.14	9810.17	1216.99	1191.75	625.37	6.86	1345.87	27.69	462290.37	699505.13	N 32 16 11.55	W 103 49 17.74
	10432.00	89.05	4.78	9816.48	1311.71	1286.27	631.91	6.26	1433.11	26.16	462384.89	699511.67	N 32 16 12.48	W 103 49 17.66
	10527.00	88.79	357.92	9817.44	1406.63	1381.18	634.15	7.28	1519.18	24.86	462479.79	699513.91	N 32 16 13.42	W 103 49 17.63
	10621.00	89.35	354.12	9818.15	1500.02	1474.94	627.63	4.07	1602.92	23.05	462573.54	699507.39	N 32 16 14.35	W 103 49 17.70
	10715.00	89.27	357.38	9819.28	1593.37	1568.66	620.66	3.47	1686.98	21.59	462667.26	699500.42	N 32 16 15.28	W 103 49 17.77
	10810.00	89.43	359.82	9820.36	1688.15	1663.82	618.34	2.57	1774.82	20.39	462762.21	699498.10	N 32 16 16.22	W 103 49 17.79
	10904.00	89.40	1.06	9821.32	1782.08	1757.61	619.06	1.32	1863.44	19.40	462856.19	699498.82	N 32 16 17.15	W 103 49 17.78
	10999.00	89.45	1.56	9822.27	1877.06	1852.58	621.24	0.53	1953.96	18.54	462951.16	699501.00	N 32 16 18.09	W 103 49 17.75
	11094.00	89.58	2.02	9823.07	1972.05	1947.53	624.20	0.50	2045.11	17.77	463046.10	699503.96	N 32 16 19.03	W 103 49 17.71
	11189.00	89.85	2.41	9823.55	2067.05	2042.46	627.88	0.50	2136.79	17.09	463141.02	699507.63	N 32 16 19.96	W 103 49 17.66
	11283.00	89.67	3.25	9823.94	2161.05	2136.34	632.52	0.91	2228.01	16.49	463234.90	699512.27	N 32 16 20.89	W 103 49 17.60
	11472.00	90.10	1.94	9824.32	2255.04	2235.14	641.07	0.73	2311.90	15.41	463323.69	699520.83	N 32 16 22.76	W 103 49 17.49
	11567.00	89.88	1.45	9824.34	2445.03	2420.10	643.88	0.57	2504.29	14.90	463518.64	699523.64	N 32 16 23.70	W 103 49 17.45
	11662.00	89.76	0.16	9824.63	2539.99	2515.09	645.22	1.36	2596.53	14.39	463613.62	699524.98	N 32 16 24.64	W 103 49 17.43
	11756.00	90.06	0.15	9824.78	2633.92	2609.09	645.47	0.32	2687.74	13.90	463707.62	699525.23	N 32 16 25.57	W 103 49 17.43
	11851.00	90.19	0.32	9824.57	2728.85	2704.08	645.86	0.23	2780.15	13.43	463802.61	699525.62	N 32 16 26.51	W 103 49 17.42
	11945.00	90.00	0.63	9824.42	2822.80	2798.08	646.64	0.39	2871.83	13.01	463896.60	699526.40	N 32 16 27.44	W 103 49 17.40
	12040.00	90.06	1.82	9824.37	2917.78	2893.06	648.67	1.25	2964.89	12.64	463991.57	699528.43	N 32 16 28.38	W 103 49 17.37
	12140.00	90.24	1.73	9824.11	3017.77	2993.01	651.77	0.20	3063.15	12.29	464091.52	699531.53	N 32 16 29.37	W 103 49 17.33
	12235.00	89.70	0.03	9824.16	3112.73	3087.99	653.23	1.88	3156.33	11.94	464186.50	699532.99	N 32 16 30.31	W 103 49 17.31
	12329.00	88.98	358.75	9825.24	3206.59	3181.98	652.23	1.56	3248.14	11.58	464280.47	699531.99	N 32 16 31.24	W 103 49 17.31
	12424.00	88.92	357.83	9826.98	3301.33	3276.92	649.39	0.97	3340.65	11.21	464375.41	699529.15	N 32 16 32.18	W 103 49 17.34
	12519.00	89.75	356.57	9828.08	3395.93	3371.80	644.75	1.59	3432.89	10.83	464470.28	699524.51	N 32 16 33.12	W 103 49 17.39
	12613.00	89.89	355.57	9828.38	3489.35	3465.58	638.31	1.07	3523.87	10.44	464564.05	699518.07	N 32 16 34.05	W 103 49 17.46
	12708.00	89.48	356.12	9828.90	3583.73	3560.32	631.43	0.72	3615.88	10.06	464658.79	699511.19	N 32 16 34.98	W 103 49 17.54
	12802.00	89.37	356.01	9829.84	3677.15	3654.10	624.98	0.17	3707.16	9.71	464752.56	699504.74	N 32 16 35.91	W 103 49 17.61
	12897.00	89.52	357.48	9830.76	3771.67	3748.94	619.58	1.56	3799.79	9.38	464847.40	699499.34	N 32 16 36.85	W 103 49 17.66
	12992.00	89.69	358.18	9831.42	3866.37	3843.87	615.99	0.76	3892.91	9.10	464942.32	699495.75	N 32 16 37.79	W 103 49 17.70
	13087.00	90.21	357.99	9831.50	3961.10	3938.81	612.81	0.58	3986.20	8.84	465037.28	699492.57	N 32 16 38.73	W 103 49 17.73
	13182.00	89.65	356.59	9831.62	4055.72									

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 ° ' ")
	19337.00	89.71	0.60	9806.55	10198.95	10182.08	615.47	0.50	10200.66	3.46	471280.12	699495.23	N 32 17 40.51 W	103 49 17.35
	19431.00	89.94	0.56	9806.83	10292.90	10276.07	616.42	0.25	10294.54	3.43	471374.11	699496.18	N 32 17 41.44 W	103 49 17.34
	19527.00	89.83	0.02	9807.03	10388.84	10372.07	616.91	0.57	10390.40	3.40	471470.10	699496.67	N 32 17 42.39 W	103 49 17.33
	19622.00	90.75	0.02	9806.55	10483.75	10467.07	616.94	0.97	10485.23	3.37	471565.09	699496.70	N 32 17 43.33 W	103 49 17.32
	19716.00	89.65	359.53	9806.22	10577.65	10561.06	616.57	1.28	10579.05	3.34	471659.08	699496.33	N 32 17 44.26 W	103 49 17.32
	19811.00	88.90	0.58	9807.42	10672.56	10656.06	616.66	1.36	10673.88	3.31	471754.07	699496.42	N 32 17 45.20 W	103 49 17.31
	19906.00	89.49	0.26	9808.75	10767.49	10751.04	617.36	0.71	10768.75	3.29	471849.05	699497.12	N 32 17 46.14 W	103 49 17.30
	20001.00	89.79	359.59	9809.35	10862.40	10846.04	617.24	0.77	10863.59	3.26	471944.04	699497.00	N 32 17 47.08 W	103 49 17.30
	20096.00	89.22	359.88	9810.17	10957.29	10941.04	616.80	0.67	10958.41	3.23	472039.03	699496.56	N 32 17 48.02 W	103 49 17.30
	20191.00	89.40	0.21	9811.32	11052.21	11036.03	616.87	0.40	11053.25	3.20	472134.02	699496.63	N 32 17 48.96 W	103 49 17.29
	20286.00	89.48	359.93	9812.24	11147.12	11131.02	616.99	0.31	11148.11	3.17	472229.01	699496.75	N 32 17 49.90 W	103 49 17.28
	20380.00	89.57	0.06	9813.02	11241.04	11225.02	616.98	0.17	11241.96	3.15	472323.00	699496.74	N 32 17 50.83 W	103 49 17.28
	20475.00	89.11	359.56	9814.12	11335.93	11320.01	616.66	0.72	11336.80	3.12	472417.98	699496.42	N 32 17 51.77 W	103 49 17.28
	20570.00	90.16	0.19	9814.72	11430.83	11415.01	616.46	1.29	11431.64	3.09	472512.97	699496.22	N 32 17 52.71 W	103 49 17.27
	20665.00	90.51	0.11	9814.17	11525.76	11510.01	616.71	0.38	11526.52	3.07	472607.96	699496.47	N 32 17 53.65 W	103 49 17.27
	20759.00	89.13	359.46	9814.46	11619.66	11604.00	616.35	1.62	11620.36	3.04	472701.95	699496.11	N 32 17 54.58 W	103 49 17.26
	20853.00	88.50	359.45	9816.41	11713.51	11697.98	615.46	0.67	11714.16	3.01	472795.92	699495.22	N 32 17 55.51 W	103 49 17.27
	20948.00	89.20	0.01	9818.31	11808.39	11792.96	615.01	0.94	11808.98	2.99	472890.90	699494.77	N 32 17 56.45 W	103 49 17.27
	21043.00	89.69	0.28	9819.23	11903.31	11887.95	615.25	0.59	11903.86	2.96	472985.88	699495.01	N 32 17 57.39 W	103 49 17.26
	21137.00	89.69	0.12	9819.74	11997.24	11981.95	615.58	0.17	11997.75	2.94	473079.88	699495.34	N 32 17 58.32 W	103 49 17.25
	21232.00	89.18	359.99	9820.68	12092.15	12076.94	615.67	0.55	12092.63	2.92	473174.87	699495.43	N 32 17 59.26 W	103 49 17.25
	21327.00	88.82	359.50	9822.34	12187.03	12171.93	615.25	0.64	12187.47	2.89	473269.84	699495.01	N 32 18 0.20 W	103 49 17.25
	21422.00	90.14	0.06	9823.20	12281.93	12266.92	614.88	1.51	12282.32	2.87	473364.83	699494.64	N 32 18 1.14 W	103 49 17.24
	21516.00	89.81	359.05	9823.24	12375.81	12360.92	614.15	1.13	12376.17	2.84	473458.82	699493.91	N 32 18 2.07 W	103 49 17.25
	21610.00	90.32	358.22	9823.13	12469.60	12454.89	611.91	1.04	12469.91	2.81	473552.79	699491.67	N 32 18 3.00 W	103 49 17.27
	21705.00	90.60	358.01	9822.37	12564.33	12549.83	608.79	0.37	12564.59	2.78	473647.73	699488.55	N 32 18 3.94 W	103 49 17.30
	21800.00	89.85	357.29	9822.00	12659.00	12644.75	604.89	1.09	12659.21	2.74	473742.64	699484.66	N 32 18 4.87 W	103 49 17.34
	21894.00	91.21	357.90	9821.13	12752.67	12738.66	600.95	1.59	12752.83	2.70	473836.54	699480.71	N 32 18 5.80 W	103 49 17.38
	21989.00	90.99	357.77	9819.30	12847.35	12833.58	597.36	0.27	12847.47	2.67	473931.45	699477.12	N 32 18 6.74 W	103 49 17.42
	22084.00	90.04	357.66	9818.45	12942.02	12928.50	593.57	1.01	12942.12	2.63	474026.36	699473.34	N 32 18 7.68 W	103 49 17.46
	22179.00	89.64	357.81	9818.72	13036.71	13023.42	589.82	0.45	13036.77	2.59	474121.28	699469.58	N 32 18 8.62 W	103 49 17.49
	22273.00	89.95	357.83	9819.05	13130.40	13117.35	586.24	0.33	13130.45	2.56	474215.21	699466.01	N 32 18 9.55 W	103 49 17.53
	22368.00	90.08	357.48	9819.03	13225.08	13212.27	582.36	0.39	13225.10	2.52	474310.12	699462.12	N 32 18 10.49 W	103 49 17.57
	22463.00	89.91	357.60	9819.04	13319.73	13307.19	578.28	0.22	13319.75	2.49	474405.03	699458.04	N 32 18 11.43 W	103 49 17.61
	22558.00	89.85	357.94	9819.23	13414.42	13402.11	574.58	0.36	13414.43	2.45	474499.95	699454.35	N 32 18 12.37 W	103 49 17.65
	22652.00	90.00	358.15	9819.36	13508.15	13496.06	571.38	0.27	13508.15	2.42	474593.89	699451.14	N 32 18 13.30 W	103 49 17.68
	22747.00	89.71	358.08	9819.60	13602.88	13591.01	568.25	0.31	13602.88	2.39	474688.83	699448.01	N 32 18 14.24 W	103 49 17.71
100' FNL Crossed	22837.00	89.78	358.51	9820.00	13692.65	13680.97	565.57	0.48	13692.65	2.37	474778.78	699445.33	N 32 18 15.13 W	103 49 17.74
	22842.00	89.78	358.53	9820.02	13697.64	13685.96	565.44	0.48	13697.64	2.37	474783.78	699445.20	N 32 18 15.18 W	103 49 17.74
Final MWD	22886.00	90.35	358.67	9819.97	13741.54	13729.95	564.37	1.33	13741.55	2.35	474827.77	699444.13	N 32 18 15.61 W	103 49 17.75
Proj to TD	22915.00	90.35	358.67	9819.79	13770.48	13758.94	563.69	0.00	13770.49	2.35	474856.76	699443.46	N 32 18 15.90 W	103 49 17.76

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	25.000	1/98.425	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Precious 30-18 Federal Com 7H Gyro + MWD 0' to 22915' MD
	1	25.000	25.000	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Precious 30-18 Federal Com 7H Gyro + MWD 0' to 22915' MD
	1	25.000	426.000	Act Stns	26.400	26.400	GYD_GC+DROP+OH	Original Borehole / Oxy Precious 30-18 Federal Com 7H Gyro + Original Borehole / Oxy Precious 30-18 Federal Com 7H Gyro + MWD 0' to 22915' MD
	1	426.000	22915.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	30-18 Federal Com 7H Gyro + MWD 0' to 22915' 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

Action 22388

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 22388
	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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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 22388

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 22388
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	RT C-104 EXPIRES 06/30/2021; Submit completion sundries and report as available.	6/9/2021