

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- 04/19/2021
⁴ API Number 30-015-46448	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: 5H

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
A	31	23S	31E		520	NORTH	800	EAST	EDDY

¹¹ Bottom Hole Location FTP: 342' FSL 1206' FEL LTP: 2494' FSL 1236' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	18	23S	31E		2623	SOUTH	1239	EAST	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 01/20/2020	²² Ready Date 04/19/2021	²³ TD 23265'M 10044'V	²⁴ PBTB 23186'M 10045'V	²⁵ Perforations 10411-23136'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17-1/2"		13-3/8"		438'	575
12-1/4"		9-5/8"		4227'	2060
8-3/4" x 8-1/2"		5-1/2"		23198'	4533

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:
04/19/2021

Phone:
432-685-5936

OIL CONSERVATION DIVISION

Approved by: Kurt Simmons

Title: NMOC, Santa Fe

Approval Date: 06/08/2021

C-104 RT expires 07/19/2021

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

Form C-102

Energy, Minerals & Natural Resources Department

Revised August 1, 2011

OIL CONSERVATION DIVISION

Submit one copy to appropriate

District Office

1220 South St. Francis Dr.

Santa Fe, NM 87505

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46448	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 5H
		⁹ Elevation 3347'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	31	23S	31E		520	NORTH	800	EAST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	18	23S	31E		2623	SOUTH	1239	EAST	EDDY

¹² Dedicated Acres 800.0	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: 703525.47' / Y: 474895.82' B - X: 703536.94' / Y: 472249.54' C - X: 703555.82' / Y: 469616.48' D - X: 703585.01' / Y: 464333.57' E - X: 703599.62' / Y: 461692.37' F - X: 700956.71' / Y: 461680.43' G - X: 700928.18' / Y: 466962.44' H - X: 700898.48' / Y: 472240.98' I - X: 700884.47' / Y: 474884.09'	CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 662342.31' / Y: 474836.19' B - X: 662353.70' / Y: 472189.97' C - X: 662372.51' / Y: 469556.98' D - X: 662401.54' / Y: 464274.20' E - X: 662416.07' / Y: 461633.08' F - X: 659773.17' / Y: 461621.13' G - X: 659744.79' / Y: 466903.01' H - X: 659715.25' / Y: 472181.41' I - X: 659701.32' / Y: 474824.45'	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 this division. Signature: Date: 04/19/2021 Printed Name: JANA MENDIOLA E-mail Address: janalyn_mendiola@oxy.com	
	BOTTOM HOLE LOCATION 2623' FSL 1239' FEL, SECTION 18 23265' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 702286.58' / Y: 474868.89' LAT: 32.30441282N / LON: 103.81239738W NAD 27, SPCS NM EAST X: 661103.42' / Y: 474809.25' LAT: 32.30429011N / LON: 103.81190977W	LAST TAKE POINT 2494' FSL 1236' FEL, SECTION 18 23136' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 702290.15' / Y: 474739.95' LAT: 32.30405836N / LON: 103.81238785W NAD 27, SPCS NM EAST X: 661106.98' / Y: 474680.32' LAT: 32.30393564N / LON: 103.81190025W	FIRST TAKE POINT 342' FSL 1206' FEL, SECTION 30 10411' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 702391.62' / Y: 462029.27' LAT: 32.26911832N / LON: 103.81225928W NAD 27, SPCS NM EAST X: 661208.08' / Y: 461969.96' LAT: 32.26899538N / LON: 103.81177307W	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. Date of Survey: APRIL 14, 2021 Signature and Seal of Professional Surveyor: Certificate Number: DAVID W. MYERS 11403
	KICK OFF POINT 145' FNL 1121' FEL, SECTION 31 9648' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X: 702479.40' / Y: 461542.56' LAT: 32.26777929N / LON: 103.81198296W NAD 27, SPCS NM EAST X: 661295.84' / Y: 461483.27' LAT: 32.26765635N / LON: 103.81149681W	SURFACE HOLE LOCATION 520' FNL 800' FEL, SECTION 31 NAD 83, SPCS NM EAST X: 702802.80' / Y: 461168.80' LAT: 32.26674759N / LON: 103.81094256W NAD 27, SPCS NM EAST X: 661619.23' / Y: 461109.52' LAT: 32.26662463N / LON: 103.81045648W		
	SHEET 1 OF 1 JOB No. R4111_006 REV 0 WM 4/14/2021			
	Distances/areas relative to NAD 83 Combined Scale Factor: 0.99977704 Convergence Angle: 00°16'56.57999" Horizontal Spacing Unit			



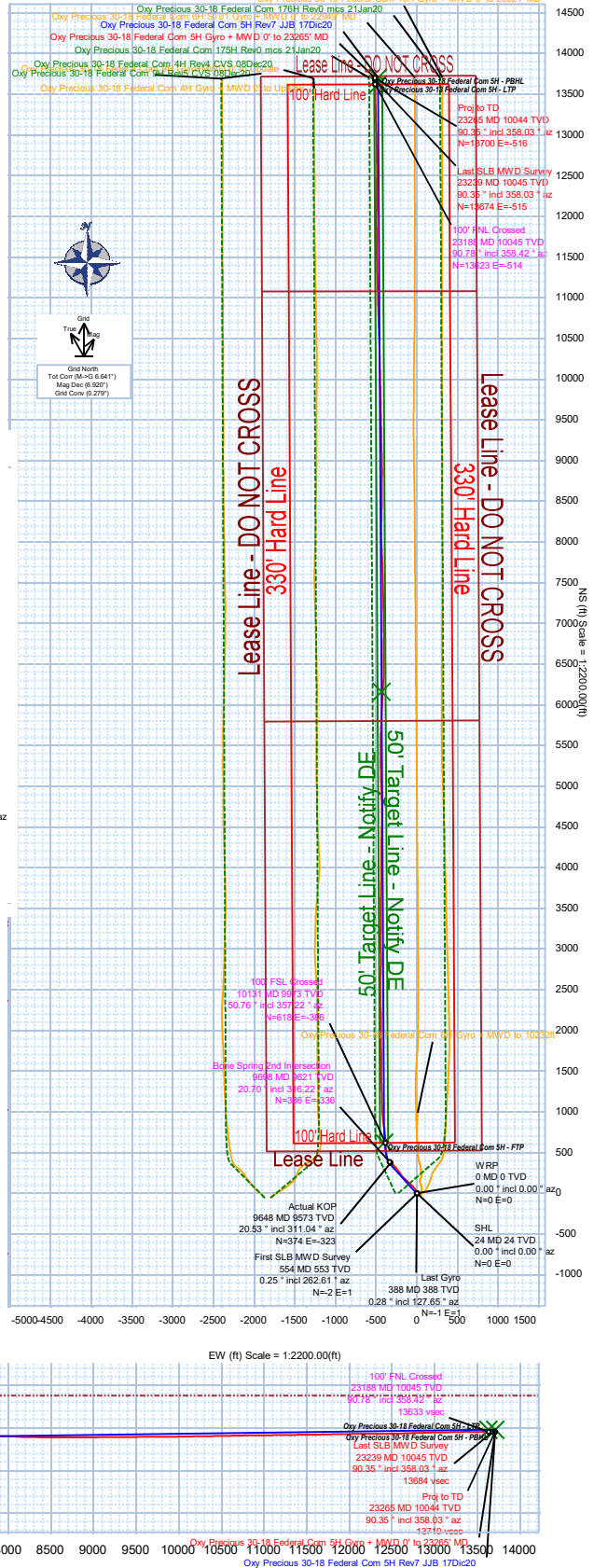
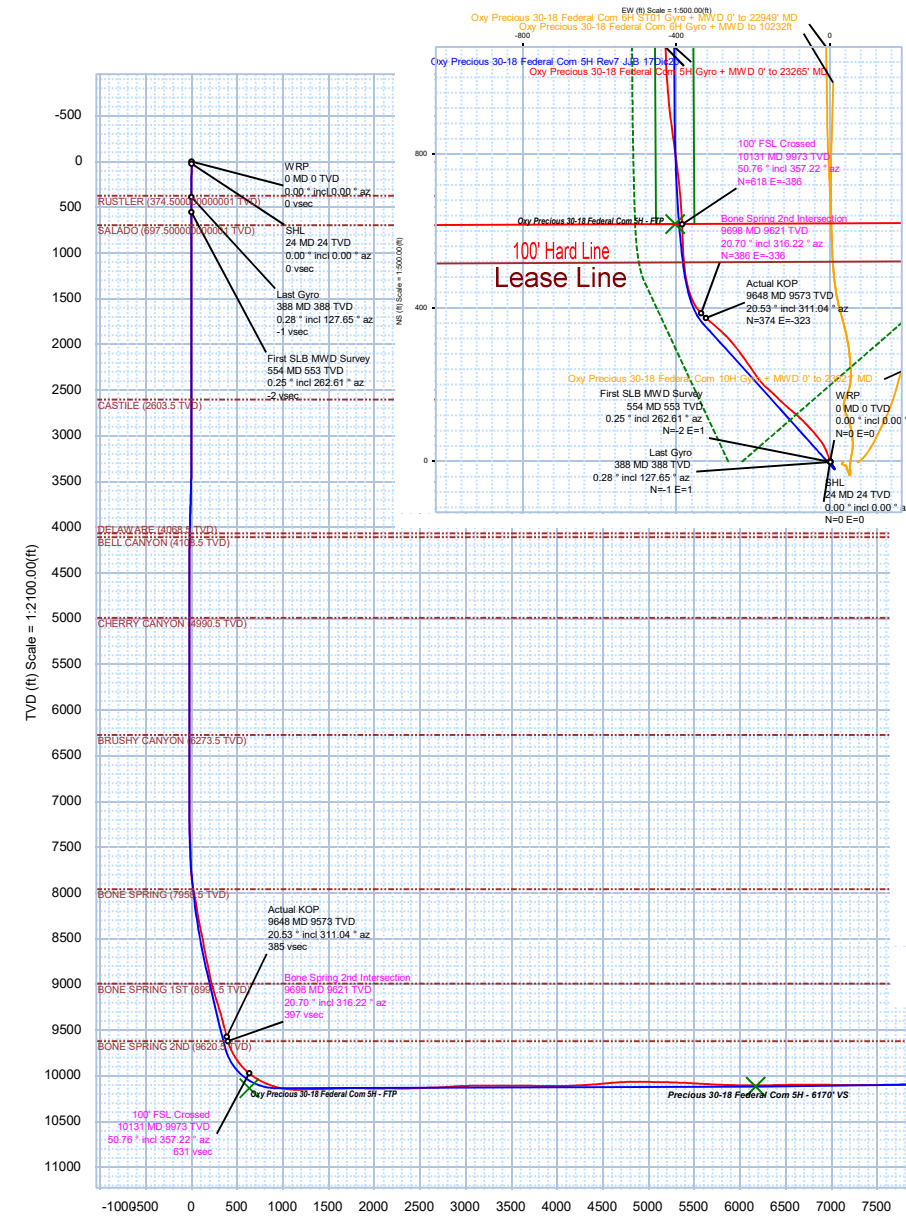
OXY



Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Precious 30-18 Federal Com 5H	NM Eddy County (NAD 83)	Oxy Precious 30-18 Federal Com 5H & 6H & 10H

Gravity & Magnetic Parameters				Surface Location				Miscellaneous			
Model:	IFR1	Dip:	59.986°	Date:	21-Dec-2020	Lat:	N 32 16 0.29	Northings:	461168.8RUS	Grid Conv:	0.2789°
MagDec:	6.92°	FS:	47811.9nT	Gravity FS:	998.452mgn (8.80665 Based)	Lon:	W 103 48 39.39	Easting:	702802.8RUS	Scale Fact:	0.99993895
								Oxy Precious 30-18 Federal Com 5H Gyro + MWD 0' to 23265' 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	24.00	0.00	0.00	24.00	0.00	0.00	0.00	
Last Gyro	388.00	0.28	127.65	388.00	-1.32	-1.29	0.85	0.09
First SLB MWD Survey	553.50	0.25	262.61	553.50	-1.61	-1.58	0.81	0.30
Actual KOP	9648.00	20.53	311.04	9573.24	384.79	373.76	-323.40	0.01
Bone Spring 2nd Intersection	9698.44	20.70	316.22	9620.50	397.30	385.83	-336.25	9.43
100' FSL Crossed	10131.00	50.76	357.22	9972.94	630.86	617.81	-385.71	7.43
100' FNL Crossed	23188.00	90.78	358.42	10045.14	13632.76	13623.13	-513.73	1.77
Last SLB MWD Survey	23239.00	90.35	358.03	10044.65	13683.76	13674.10	-515.33	1.05
Proj to TD	23265.00	90.35	358.03	10044.49	13709.75	13700.09	-516.22	0.00



Schlumberger

Oxy Precious 30-18 Federal Com 5H Gyro + MWD 0' to 23265' MD Survey

Geodetic Report

(Def Survey)



Report Date: February 01, 2021 - 04:42 PM
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Precious 30-18 Federal Com 5H & 6H & 10H / Oxy Precious 30-18 Federal Com 5H
Well: Oxy Precious 30-18 Federal Com 5H
Borehole: Original Borehole
UWI / API#: Unknown / 30-015-46448
Survey Name: Oxy Precious 30-18 Federal Com 5H Gyro + MWD 0' to 23265' MD
Survey Date: March 09, 2020
Tort / AHD / DDI / ERD Ratio: 319.235' / 13912.388 ft / 7.008 / 1.370
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 16' 0.29131", W 103° 48' 39.39320"
Location Grid N/E Y/X: N 461168.800 ftUS, E 702802.800 ftUS
CRS Grid Convergence Angle: 0.2789 °
Grid Scale Factor: 0.99993895
Version / Patch: 2.10.824.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 358.005 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB = 24
TVD Reference Elevation: 3370.900 ft above MSL
Seabed / Ground Elevation: 3346.900 ft above MSL
Magnetic Declination: 6.920 °
Total Gravity Field Strength: 998.4522mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47811.900 nT
Magnetic Dip Angle: 59.986 °
Declination Date: December 21, 2020
Magnetic Declination Model: IFR1
North Reference: Grid North
Grid Convergence Used: 0.2800 °
Total Corr Mag North->Grid North: 6.6400 °
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 SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	0.00	0.00	461168.80	702802.80	N 32 16 0.29	W 103 48 39.39
	24.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	461168.80	702802.80	N 32 16 0.29	W 103 48 39.39
	118.00	0.30	133.86	118.00	-0.18	-0.17	0.18	0.32	0.25	133.86	461168.63	702802.98	N 32 16 0.29	W 103 48 39.39
	218.00	0.38	182.44	218.00	-0.70	-0.68	0.35	0.29	0.77	152.74	461168.12	702803.15	N 32 16 0.28	W 103 48 39.39
Last Gyro First SLB MWD Survey	318.00	0.28	114.13	318.00	-1.13	-1.11	0.56	0.38	1.25	153.28	461167.69	702803.36	N 32 16 0.28	W 103 48 39.39
	388.00	0.28	127.65	388.00	-1.32	-1.29	0.85	0.09	1.55	146.52	461167.51	702803.65	N 32 16 0.28	W 103 48 39.38
	553.50	0.25	262.61	553.50	-1.61	-1.58	0.81	0.30	1.78	152.76	461167.22	702803.61	N 32 16 0.28	W 103 48 39.38
	650.50	0.23	333.68	650.49	-1.45	-1.43	0.52	0.29	1.53	160.14	461167.37	702803.32	N 32 16 0.28	W 103 48 39.39
	741.50	0.27	162.52	741.49	-1.49	-1.48	0.50	0.55	1.56	161.22	461167.32	702803.30	N 32 16 0.28	W 103 48 39.39
	833.50	0.26	60.62	833.49	-1.61	-1.58	0.75	0.45	1.75	154.64	461167.22	702803.55	N 32 16 0.28	W 103 48 39.38
	1016.50	0.25	33.53	1016.49	-1.09	-1.04	1.33	0.07	1.69	128.10	461167.76	702804.13	N 32 16 0.28	W 103 48 39.38
	1107.50	0.32	47.98	1107.49	-0.73	-0.71	1.63	0.11	1.78	113.48	461168.09	702804.43	N 32 16 0.28	W 103 48 39.37
	1199.50	0.25	159.79	1199.49	-0.79	-0.72	1.89	0.51	2.02	110.97	461168.08	702804.69	N 32 16 0.28	W 103 48 39.37
	1290.50	0.28	132.79	1290.49	-1.13	-1.06	2.12	0.14	2.37	116.59	461167.74	702804.92	N 32 16 0.28	W 103 48 39.37
	1382.50	0.21	308.89	1382.49	-1.18	-1.11	2.16	0.53	2.42	117.22	461167.69	702804.96	N 32 16 0.28	W 103 48 39.37
	1474.50	0.25	201.24	1474.49	-1.26	-1.19	1.95	0.40	2.29	121.37	461167.61	702804.75	N 32 16 0.28	W 103 48 39.37
	1566.50	0.22	328.08	1566.49	-1.29	-1.23	1.79	0.46	2.17	124.50	461167.57	702804.59	N 32 16 0.28	W 103 48 39.37
	1661.50	0.25	314.11	1661.49	-0.98	-0.93	1.54	0.07	1.80	121.07	461167.87	702804.34	N 32 16 0.28	W 103 48 39.38
	1755.50	0.25	272.91	1755.49	-0.82	-0.77	1.19	0.19	1.42	123.11	461168.03	702803.99	N 32 16 0.28	W 103 48 39.38
	1850.50	0.25	149.32	1850.49	-0.98	-0.94	1.09	0.46	1.44	130.94	461167.86	702803.89	N 32 16 0.28	W 103 48 39.38
	1945.50	0.24	323.80	1945.49	-1.00	-0.96	1.07	0.52	1.44	131.77	461167.84	702803.88	N 32 16 0.28	W 103 48 39.38
	2039.50	0.27	181.80	2039.49	-1.06	-1.02	0.95	0.51	1.40	137.06	461167.78	702803.75	N 32 16 0.28	W 103 48 39.38
	2133.50	0.27	158.66	2133.48	-1.49	-1.45	1.03	0.12	1.78	144.74	461167.35	702803.83	N 32 16 0.28	W 103 48 39.38
	2228.50	0.30	65.79	2228.48	-1.60	-1.56	1.33	0.44	2.05	139.42	461167.24	702804.13	N 32 16 0.28	W 103 48 39.38
	2323.50	0.24	92.76	2323.48	-1.52	-1.46	1.76	0.15	2.29	129.78	461167.34	702804.56	N 32 16 0.28	W 103 48 39.37
	2417.50	0.24	244.64	2417.48	-1.62	-1.56	1.78	0.50	2.36	131.23	461167.24	702804.58	N 32 16 0.28	W 103 48 39.37
	2512.50	0.27	30.28	2512.48	-1.51	-1.45	1.71	0.51	2.24	130.28	461167.35	702804.51	N 32 16 0.28	W 103 48 39.37
	2607.50	0.30	213.94	2607.48	-1.52	-1.46	1.69	0.60	2.23	130.97	461167.34	702804.49	N 32 16 0.28	W 103 48 39.37
	2702.50	0.30	14.48	2702.48	-1.48	-1.43	1.81	0.62	2.15	131.62	461167.37	702804.41	N 32 16 0.28	W 103 48 39.37
	2796.50	0.28	345.95	2796.48	-1.02	-0.97	1.61	0.15	1.88	120.94	461167.83	702804.41	N 32 16 0.28	W 103 48 39.37
	2891.50	0.25	147.20	2891.48	-0.97	-0.92	1.67	0.55	1.91	118.76	461167.88	702804.47	N 32 16 0.28	W 103 48 39.37
	2986.50	0.30	177.86	2986.48	-1.40	-1.34	1.79	0.16	2.24	126.78	461167.46	702804.59	N 32 16 0.28	W 103 48 39.37
	3080.50	0.30	9.96	3080.48	-1.41	-1.34	1.84	0.63	2.28	126.07	461167.46	702804.64	N 32 16 0.28	W 103 48 39.37
	3175.50	0.65	274.87	3175.48	-1.10	-1.05	1.35	0.78	1.71	127.95	461167.75	702804.15	N 32 16 0.28	W 103 48 39.38
	3270.50	0.37	162.23	3270.47	-1.33	-1.30	0.91	0.91	1.58	145.09	461167.50	702803.71	N 32 16 0.28	W 103 48 39.38
	3365.50	1.06	128.55	3365.47	-2.20	-2.14	1.69	0.82	2.72	141.73	461166.66	702804.49	N 32 16 0.27	W 103 48 39.37
	3460.50	0.76	144.66	3460.45	-3.29	-3.20	2.74	0.41	4.21	139.44	461165.60	702805.54	N 32 16 0.26	W 103 48 39.36
	3554.50	1.46	153.28	3554.44	-4.90	-4.78	3.64	0.76	6.01	142.72	461164.02	702806.44	N 32 16 0.24	W 103 48 39.35
	3744.50	2.21	153.94	3744.34	-10.45	-10.23	6.34	0.39	12.03	148.23	461158.57	702809.14	N 32 16 0.19	W 103 48 39.32
	3839.50	2.14	143.58	3839.27	-13.58	-13.30	8.19	0.42	15.62	148.37	461155.50	702810.99	N 32 16 0.16	W 103 48 39.30
	3933.50	1.42	152.49	3933.22	-16.08	-15.75	9.77	0.82	18.54	148.18	461153.05	702812.57	N 32 16 0.13	W 103 48 39.28
	4021.50	1.32	134.56	4021.20	-17.80	-17.43	11.00	0.50	20.61	147.74	461151.37	702813.80	N 32 16 0.12	W 103 48 39.27
	4107.50	1.16	166.05	4107.18	-19.37	-18.97	11.91	0.80	22.40	147.86	461149.83	702814.71	N 32 16 0.10	W 103 48 39.26
	4307.00	0.34	128.64	4306.66	-21.73	-21.30	12.86	0.46	24.88	148.87	461147.50	702815.66	N 32 16 0.08	W 103 48 39.24
	4402.00	0.14	284.29	4401.66	-21.88	-21.44	12.97	0.50	25.06	148.83	461147.36	702815.77	N 32 16 0.08	W 103 48 39.24
	4497.00	0.07	87.05	4496.66	-21.85	-21.41	12.92	0.22	25.01	148.90	461147.39	702815.72	N 32 16 0.08	W 103 48 39.24
	4590.00	0.09	60.13	4589.66	-21.81	-21.37	13.04	0.05	25.04	148.62	461147.43	702815.84	N 32 16 0.08	W 103 48 39.24
	4685.00	0.10	304.85	4684.66	-21.73	-21.29	13.03	0.17	24.96	148.52	461147.51	702815.83	N 32 16 0.08	W 103 48 39.24
	4779.00	0.10	191.11	4778.66	-21.76	-21.32	12.95	0.18	24.95	148.73	461147.48	702815.75	N 32 16 0.08	W 103 48 39.24
	4873.00	0.14	352.51	4872.66	-21.73	-21.29	12.92	0.25	24.90	148.75	461147.51	702815.72	N 32 16 0.08	W 103 48 39.24
	4968.00	0.12	102.68	4967.66	-21.64	-21.20	13.00	0.22	24.87	148.47	461147.61	702815.80	N 32 16 0.08	W 103 48 39.24
	5061.00	0.08	176.12	5060.66	-21.73	-21.28	13.10	0.13	24.99	148.38	461147.52	702815.90	N 32 16 0.08	W 103 48 39.24
	5154.00	0.08	117.62	5153.66	-21.82	-21.38	13.16	0.08	25.10	148.38	461147.42	702815.96	N 32 16 0.08	W 103 48 39.24
	5248.00	0.10	232.11	5247.66	-21.90	-21.46	13.16	0.16	25.17	148.49	461147.34	702815.96	N 32 16 0.08	W 103 48 39.24
	5342.00	0.15	73.32	5341.66	-21.82	-21.37	13.21	0.26	25.21	148.40	461147.33	702816.01	N 32 16 0.08	W 103 48 39.24
	5436.00	0.10	276.40	5435.66	-21.88	-21.43	13.25	0.26	25.19	148.28	461147.37	702816.05	N 32 16 0.08	W 103 48 39.24
	5529.00	0.14	253.36	5528.66	-21.89	-21.45	13.06	0.07	25.11	148.67	461147.35	702815.86	N 32 16 0.08	W 103 48 39.24
	5622.00	0.13	354.78	5621.66	-21.82	-21.38	12.94	0.22	24.99	148.82	461147.42	702815.74	N 32 16 0.08	W 103 48 39.24
	5717.00	0.11	120.83	5716.66	-21.76	-21.32	13.01	0.23	24.97	148.61	461147.48	702815.81	N 32 16 0.08	W 103 48 39.24
	5811.00	0.12	161.03	5810.66	-21.90	-21.46	13.12	0.08	25.15	148.56	461147.34	702815.92	N 32 16 0.08	W 103 48 39.24
	5905.00	0.15	336.98	5904.66	-21.88	-21.44	13.10	0.29	25.12	148.57	461147.36	702815.90	N 32 16 0.08	W 103 48 39.24
	5999.00	0.08	57.16	5998.66	-21.73	-21.29	13.11	0.17	25.00	148.38	461147.51	702815.91	N 32 16 0.08	W 103 48 39.24
	6093.00	0.07	17.66	6092.66	-21.64	-21.20	13.06	0.05	24.96	148.13	461147.60	702815.98	N 32 16 0.08	W 103 48 39.24
	6186.00	0.10	131.87	6185.66	-21.65	-21.20	13.26	0.15	25.07	147.98	461147.60	702816.06	N 32 16 0.08	W 103 48 39.24
	6279.00	0.09	211.31	6278.66	-21.76	-21.32	13.28	0.13	25.11	148.08	461147.49	702816.08	N 32 16 0.08	W 103 48 39.24

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	8988.00	16.18	319.67	8962.31	212.58	206.46	-179.57	3.16	273.63	318.98	461375.24	702623.24	N 32 16 2.34	W 103 48 41.47
	9091.00	19.30	325.45	9062.31	225.90	219.98	-196.98	3.80	319.34	318.98	461397.79	702606.13	N 32 16 2.92	W 103 48 41.67
	9184.00	20.40	325.21	9138.35	262.29	254.97	-214.65	1.19	333.29	319.91	461423.76	702588.17	N 32 16 2.82	W 103 48 41.88
	9279.00	20.40	323.97	9227.39	289.93	281.96	-233.83	0.45	366.30	320.33	461450.74	702568.98	N 32 16 3.09	W 103 48 42.10
	9372.00	20.64	320.13	9314.50	316.30	307.65	-253.87	1.47	398.87	320.47	461476.43	702548.94	N 32 16 3.35	W 103 48 42.33
	9466.00	20.03	313.87	9402.65	340.93	331.52	-276.10	2.40	431.44	320.21	461500.30	702526.71	N 32 16 3.59	W 103 48 42.59
	9560.00	20.52	311.05	9490.83	363.73	353.50	-300.13	1.16	463.73	319.67	461522.28	702502.69	N 32 16 3.80	W 103 48 42.87
	9648.00	20.53	311.04	9573.24	384.79	373.76	-323.40	0.01	494.25	319.13	461542.54	702479.42	N 32 16 4.01	W 103 48 43.14
	9692.00	20.39	314.72	9614.47	395.64	384.22	-334.67	2.94	509.54	318.94	461553.00	702468.15	N 32 16 4.11	W 103 48 43.27
	9698.44	20.70	316.22	9620.50	397.30	385.83	-336.25	9.43	511.79	318.93	461554.61	702466.57	N 32 16 4.13	W 103 48 43.29
Bone Spring 2nd Intersection	9787.00	25.95	332.75	9701.88	426.54	414.40	-355.99	9.43	546.31	319.34	461583.18	702446.83	N 32 16 4.41	W 103 48 43.52
	9880.00	31.37	346.26	9783.54	468.72	456.08	-371.08	9.05	587.97	320.87	461624.85	702431.74	N 32 16 4.82	W 103 48 43.69
	9973.00	37.31	353.99	9860.33	520.61	507.70	-379.79	7.91	634.04	323.20	461676.47	702423.03	N 32 16 5.33	W 103 48 43.79
	10067.00	46.07	358.27	9930.48	583.01	570.00	-383.81	9.79	687.17	326.05	461738.76	702419.02	N 32 16 5.95	W 103 48 43.83
100' FSL Crossed	10131.00	50.76	357.22	9972.94	630.86	617.81	-385.71	7.43	728.33	328.02	461786.57	702417.12	N 32 16 6.42	W 103 48 43.85
	10161.00	52.96	356.77	9991.47	654.45	641.37	-386.95	7.43	749.06	328.90	461810.13	702415.88	N 32 16 6.66	W 103 48 43.86
	10254.00	59.91	354.35	10042.86	731.82	718.57	-393.01	7.78	819.03	331.32	461887.33	702409.82	N 32 16 7.42	W 103 48 43.93
	10348.00	67.30	351.84	10084.63	815.64	802.09	-403.18	8.22	897.72	333.31	461970.84	702399.64	N 32 16 8.25	W 103 48 44.04
	10442.00	73.30	352.89	10116.30	903.67	889.76	-414.92	6.47	981.75	335.00	462058.51	702387.91	N 32 16 9.12	W 103 48 44.18
	10536.00	79.63	355.83	10138.29	994.81	980.66	-423.86	7.39	1068.34	336.62	462149.39	702378.96	N 32 16 10.02	W 103 48 44.27
	10630.00	85.45	358.14	10150.49	1087.96	1073.69	-428.75	6.65	1156.13	338.23	462242.42	702374.08	N 32 16 10.94	W 103 48 44.33
	10725.00	92.58	359.21	10152.13	1182.87	1168.58	-430.95	7.59	1245.51	339.76	462337.31	702371.88	N 32 16 11.88	W 103 48 44.35
	10824.00	92.27	358.13	10147.94	1281.78	1267.47	-433.24	1.13	1339.47	341.13	462436.19	702369.59	N 32 16 12.85	W 103 48 44.37
	10919.00	90.30	356.71	10109.78	1367.74	1347.81	-437.47	1.53	1430.86	342.20	462531.06	702365.36	N 32 16 13.79	W 103 48 44.41
	11014.00	91.98	0.49	10143.92	1471.70	1457.28	-439.74	4.30	1522.18	344.21	462625.98	702363.09	N 32 16 14.73	W 103 48 44.41
	11109.00	91.70	359.92	10140.87	1566.58	1552.23	-439.40	0.67	1613.22	344.19	462720.93	702363.43	N 32 16 15.67	W 103 48 44.42
	11203.00	91.73	359.77	10138.05	1660.49	1646.18	-439.65	0.16	1703.88	345.05	462814.88	702363.18	N 32 16 16.60	W 103 48 44.42
	11297.00	91.87	359.85	10135.10	1754.39	1740.14	-439.96	1.17	1794.89	345.81	462908.83	702362.86	N 32 16 17.53	W 103 48 44.42
	11392.00	87.13	358.92	10135.93	1849.34	1835.10	-440.98	5.08	1887.34	346.49	463003.78	702361.84	N 32 16 18.47	W 103 48 44.43
	11486.00	88.30	358.92	10139.68	1943.25	1929.01	-442.75	1.24	1979.16	347.07	463097.68	702360.07	N 32 16 19.40	W 103 48 44.44
	11581.00	91.50	1.65	10139.84	2038.15	2023.98	-442.28	4.43	2071.74	347.67	463192.66	702360.55	N 32 16 20.34	W 103 48 44.43
	11676.00	91.07	0.26	10137.71	2133.07	2118.94	-440.70	1.53	2164.29	348.25	463287.61	702362.13	N 32 16 21.28	W 103 48 44.41
	11771.00	87.98	356.33	10138.50	2227.98	2213.87	-443.52	5.26	2257.86	348.67	463382.55	702359.31	N 32 16 22.22	W 103 48 44.43
	11866.00	91.00	358.05	10139.34	2322.94	2308.74	-448.18	3.66	2351.83	349.01	463477.39	702354.65	N 32 16 23.16	W 103 48 44.48
	11959.00	91.66	0.42	10137.19	2415.88	2401.69	-449.42	2.64	2443.38	349.40	463570.34	702353.41	N 32 16 24.08	W 103 48 44.49
	12054.00	92.31	0.73	10133.89	2510.73	2496.63	-448.47	0.76	2536.59	349.82	463665.27	702354.36	N 32 16 25.02	W 103 48 44.47
	12136.00	92.34	359.98	10130.57	2592.59	2578.56	-447.96	0.91	2617.18	350.14	463747.20	702354.87	N 32 16 25.83	W 103 48 44.46
	12235.00	91.07	0.46	10127.62	2691.47	2677.52	-447.58	1.37	2714.67	350.51	463846.15	702355.25	N 32 16 26.81	W 103 48 44.45
	12329.00	93.42	3.63	10123.69	2785.14	2771.35	-444.23	4.39	2806.73	350.89	463939.98	702358.60	N 32 16 27.74	W 103 48 44.41
	12424.00	94.44	0.08	10116.93	2879.67	2866.05	-441.16	3.80	2899.80	351.25	464034.67	702361.66	N 32 16 28.67	W 103 48 44.37
	12519.00	92.02	356.19	10113.58	2969.82	2944.25	-444.25	4.82	2994.96	351.47	464129.47	702358.57	N 32 16 29.61	W 103 48 44.40
	12613.00	90.93	358.67	10109.16	3068.44	3054.69	-448.47	2.88	3087.43	351.65	464223.29	702354.36	N 32 16 30.54	W 103 48 44.44
	12707.00	89.16	1.53	10109.08	3162.37	3148.67	-448.30	3.58	3180.43	351.90	464317.27	702354.53	N 32 16 31.47	W 103 48 44.44
	12802.00	90.24	0.65	10109.58	3257.23	3243.65	-446.50	1.47	3274.24	352.16	464412.25	702356.33	N 32 16 32.41	W 103 48 44.41
	12897.00	90.43	0.12	10109.03	3352.14	3338.65	-445.86	0.59	3368.29	352.39	464507.24	702356.97	N 32 16 33.35	W 103 48 44.40
	12992.00	90.03	0.02	10108.65	3447.08	3433.65	-445.74	0.43	3462.46	352.60	464602.23	702357.09	N 32 16 34.29	W 103 48 44.39
	13086.00	90.03	0.46	10108.60	3541.01	3527.65	-445.35	0.47	3555.65	352.80	464696.22	702357.48	N 32 16 35.22	W 103 48 44.38
	13181.00	89.46	1.12	10109.02	3635.89	3622.63	-444.04	0.92	3649.75	353.01	464791.21	702358.79	N 32 16 36.16	W 103 48 44.36
	13275.00	89.61	1.46	10109.78	3729.74	3716.61	-441.92	0.40	3742.79	353.22	464885.17	702360.91	N 32 16 37.09	W 103 48 44.33
	13370.00	88.51	0.47	10111.34	3824.60	3811.58	-440.32	1.56	3836.93	353.42	464980.14	702362.51	N 32 16 38.03	W 103 48 44.31
	13465.00	89.37	1.35	10113.10	3919.45	3906.55	-438.81	1.30	3931.12	353.59	465075.10	702364.02	N 32 16 38.97	W 103 48 44.28
	13559.00	91.03	0.96	10112.77	4013.31	4000.53	-436.92	1.81	4024.31	353.77	465169.07	702365.91	N 32 16 39.90	W 103 48 44.26
	13653.00	92.11	359.25	10110.19	4107.21	4094.48	-436.75	2.15	4117.71	353.91	465263.03	702366.08	N 32 16 40.83	W 103 48 44.25
	13842.00	93.37	0.26	10101.16	4295.90	4283.26	-437.55	0.85	4305.55	354.17	465451.79	702365.27	N 32 16 42.70	W 103 48 44.25
	13937.00	93.94	1.81	10095.10	4390.57	4378.05	-435.84	1.74	4399.69	354.47	465546.57	702366.99	N 32 16 43.63	W 103 48 44.22
	14032.00	95.09	1.55	10087.62	4485.08	4472.71	-433.06	1.24	4493.63	354.47	465641.23	702369.76	N 32 16 44.57	W 103 48 44.18
	14192.00	94.33	0.30	10074.49	4634.32	4620.15	-430.49	0.91	4652.11	354.69	465736.61	702372.34	N 32 16 45.51	W 103 48 44.14
	14286.00	92.59	359.42	10068.81	4738.10	4725.97	-430.72	2.07	4745.56	354.79	465894.47	702372.11	N 32 16 47.08	W 103 48 44.14
	14381.00	90.42	358.64	10066.32	4833.04	4820.92	-432.33	2.43	4840.26	354.88	465988.41	702370.50	N 32 16 48.01	W 103 48 44.16
	14475.00	89.66	358.00	10066.25	4927.04	4914.88	-435.09	1.06	4934.10	354.94	466083.37	702367.74	N 32 16 48.94	W 103 48 44.18
	14570.00	88.74	357.56	10067.58	5022.03	5009.79	-438.76	1.07	5028.97	354.99	466178.28	702364.06	N 32 16 49.88	W 103 48 44.22
	14665.00	88.96	358.94	10069.49	5117.01	5104.73	-441.67	1.47	5123.80	355.06	466273.21	702361.16	N 32 16 50.82	W 103 48 44.25
	14759.00	88.84	358.87	10071.29	5210.98	5198.69	-443.46	0.15	5217.57	355.12	466367.17	702359.37	N 32 16 51.75	W 103 48 44.26
	14854.00	87.76	359.31	10074.11	5305.92	5293.84	-444.97	1.23	5312.31	355.20	466462.10	702357.80	N 32 16 52.69	W 103 48 44.28
	14948.00	87.45	359.66	10078.04	5399.80	5387.55	-445.81	0.50	5405.97	355.27	466556.01	702357.01	N 32 16 53.62	W 103 48 44.28
	15043.00	86.79	358.89	10082.93	5496.19	5482.43	-446							

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (N/S ° ' ") ("/100ft)	Closure (ft)	Closure Azimuth (°)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	20538.00	90.32	359.49	10086.61	10984.20	10974.20	-478.20	1.56	10984.61	357.50	472142.31	702324.63	N 32 17 48.90	W 103 48 44.34
	20633.00	90.68	358.72	10085.78	11079.17	11069.18	-479.68	0.89	11079.57	357.52	472237.29	702323.15	N 32 17 49.84	W 103 48 44.35
	20728.00	90.76	357.84	10084.58	11174.16	11164.13	-482.54	0.93	11174.56	357.53	472332.23	702320.30	N 32 17 50.78	W 103 48 44.38
	20822.00	90.55	357.86	10083.51	11268.16	11258.06	-486.06	0.22	11268.55	357.53	472426.15	702316.77	N 32 17 51.71	W 103 48 44.42
	20918.00	90.87	358.35	10082.32	11364.15	11354.00	-489.24	0.61	11364.54	357.53	472522.08	702313.60	N 32 17 52.66	W 103 48 44.45
	21013.00	90.57	359.32	10081.13	11459.13	11448.97	-491.17	1.07	11459.50	357.54	472617.05	702311.66	N 32 17 53.60	W 103 48 44.47
	21107.00	90.94	0.17	10079.89	11553.08	11542.96	-491.59	0.99	11553.43	357.56	472711.03	702311.25	N 32 17 54.53	W 103 48 44.47
	21202.00	90.73	0.04	10078.50	11648.00	11637.95	-491.41	0.26	11648.32	357.58	472806.02	702311.42	N 32 17 55.47	W 103 48 44.46
	21298.00	91.97	359.28	10076.24	11743.94	11733.92	-491.98	1.51	11744.23	357.60	472901.98	702310.85	N 32 17 56.42	W 103 48 44.46
	21393.00	91.33	358.31	10073.50	11838.89	11828.86	-493.98	1.22	11839.17	357.61	472996.91	702308.85	N 32 17 57.36	W 103 48 44.48
	21488.00	90.43	359.70	10072.05	11933.86	11923.83	-495.63	1.74	11934.13	357.62	473091.88	702307.20	N 32 17 58.30	W 103 48 44.49
	21583.00	90.24	0.61	10071.49	12028.79	12018.83	-495.37	0.98	12029.03	357.64	473186.87	702307.46	N 32 17 59.24	W 103 48 44.48
	21678.00	90.31	0.25	10071.03	12123.70	12113.82	-494.66	0.39	12123.92	357.66	473281.86	702308.17	N 32 18 0.18	W 103 48 44.47
	21774.00	90.38	0.20	10070.46	12219.63	12209.82	-494.28	0.09	12219.82	357.68	473377.85	702308.55	N 32 18 1.13	W 103 48 44.46
	21869.00	90.43	1.21	10069.78	12314.52	12304.81	-493.11	1.06	12314.69	357.71	473472.83	702309.72	N 32 18 2.07	W 103 48 44.44
	21964.00	90.35	0.43	10069.14	12409.40	12399.80	-491.75	0.83	12409.54	357.73	473567.82	702311.08	N 32 18 3.01	W 103 48 44.42
	22059.00	91.06	0.04	10067.97	12504.32	12494.79	-491.36	0.85	12504.45	357.75	473662.80	702311.47	N 32 18 3.95	W 103 48 44.41
	22154.00	91.48	0.17	10065.86	12599.23	12589.76	-491.19	0.46	12599.34	357.77	473757.77	702311.64	N 32 18 4.89	W 103 48 44.40
	22249.00	92.95	359.24	10062.19	12694.12	12684.69	-491.68	1.83	12694.21	357.78	473852.69	702311.15	N 32 18 5.83	W 103 48 44.40
	22344.00	90.60	359.09	10059.25	12789.04	12779.63	-493.06	2.48	12789.13	357.79	473947.62	702309.77	N 32 18 6.77	W 103 48 44.41
	22438.00	92.12	359.00	10057.02	12883.00	12873.58	-494.63	1.62	12883.08	357.80	474041.57	702308.21	N 32 18 7.70	W 103 48 44.43
	22533.00	92.40	358.31	10053.27	12977.92	12968.48	-496.85	0.78	12978.00	357.81	474136.47	702305.98	N 32 18 8.64	W 103 48 44.45
	22628.00	89.48	358.19	10051.71	13072.90	13063.42	-499.75	3.08	13072.97	357.81	474231.39	702303.08	N 32 18 9.58	W 103 48 44.47
	22723.00	91.79	358.60	10050.66	13167.88	13158.37	-502.42	2.47	13167.95	357.81	474326.34	702300.42	N 32 18 10.52	W 103 48 44.50
	22817.00	91.26	358.27	10048.16	13261.84	13252.30	-504.98	0.66	13261.92	357.82	474420.26	702297.85	N 32 18 11.45	W 103 48 44.52
	22911.00	90.31	357.84	10046.87	13355.83	13346.23	-508.17	1.11	13355.90	357.82	474514.19	702294.66	N 32 18 12.38	W 103 48 44.56
	23006.00	88.96	358.71	10047.48	13450.83	13441.19	-511.03	1.69	13450.90	357.82	474609.14	702291.80	N 32 18 13.32	W 103 48 44.58
	23100.00	91.63	359.73	10046.99	13544.80	13535.17	-512.31	3.04	13544.86	357.83	474703.11	702290.52	N 32 18 14.25	W 103 48 44.59
100' FNL Crossed	23188.00	90.78	358.42	10045.14	13632.76	13623.13	-513.73	1.77	13632.81	357.84	474791.07	702289.10	N 32 18 15.12	W 103 48 44.61
	23195.00	90.71	358.32	10045.05	13639.76	13630.13	-513.93	1.77	13639.81	357.84	474798.07	702288.91	N 32 18 15.19	W 103 48 44.61
Last SLB MWD Survey	23239.00	90.35	358.03	10044.65	13683.76	13674.10	-515.33	1.05	13683.81	357.84	474842.04	702287.50	N 32 18 15.62	W 103 48 44.62
Proj to TD	23265.00	90.35	358.03	10044.49	13709.75	13700.09	-516.22	0.00	13709.81	357.84	474868.02	702286.61	N 32 18 15.88	W 103 48 44.63

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	24.000	1/98.425	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Precious 30-18 Federal Com 5H Gyro + MWD 0' to 23265' MD
	1	24.000	24.000	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Original Borehole / Oxy Precious 30-18 Federal Com 5H Gyro + MWD 0' to 23265' MD
	1	24.000	388.000	Act Stns	26.400	26.400	GYD_GC+DROP+OH	Original Borehole / Oxy Precious 30-18 Federal Com 5H Gyro + Original Borehole / Oxy Precious
	1	388.000	23265.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	30-18 Federal Com 5H Gyro + MWD 0' to 23265' 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 24714

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 24714
	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 24714

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 24714
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	RT expires 07/19/2021. Please submit completion sundry and completion report as soon as available.	6/8/2021