

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- 04/13/2021
⁴ API Number 30-015-46464	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: 4H

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		570	NORTH	2600	EAST	EDDY

¹¹ Bottom Hole Location FTP: 186' FSL 1982' FEL LTP: 2527' FSL 1992' FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	18	23S	31E		2623	SOUTH	1993	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 01/19/2020	²² Ready Date 04/13/2021	²³ TD 23076'M 9836'V	²⁴ PBTB 23044'M 9836'V	²⁵ Perforations 10055-22980'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	435'	575		
12-1/4"	9-5/8"	4222'	1448		
8-3/4" x 8-1/2"	5-1/2"	23056'	3910		

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:
04/12/2021

Phone:
432-685-5936

OIL CONSERVATION DIVISION

Approved by:
Kurt Simmons

Title:
NMOCD, Santa Fe

Approval Date: 06/08/2021

C-104 RT Expires 07/13/2021

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
 Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Revised August 1, 2011
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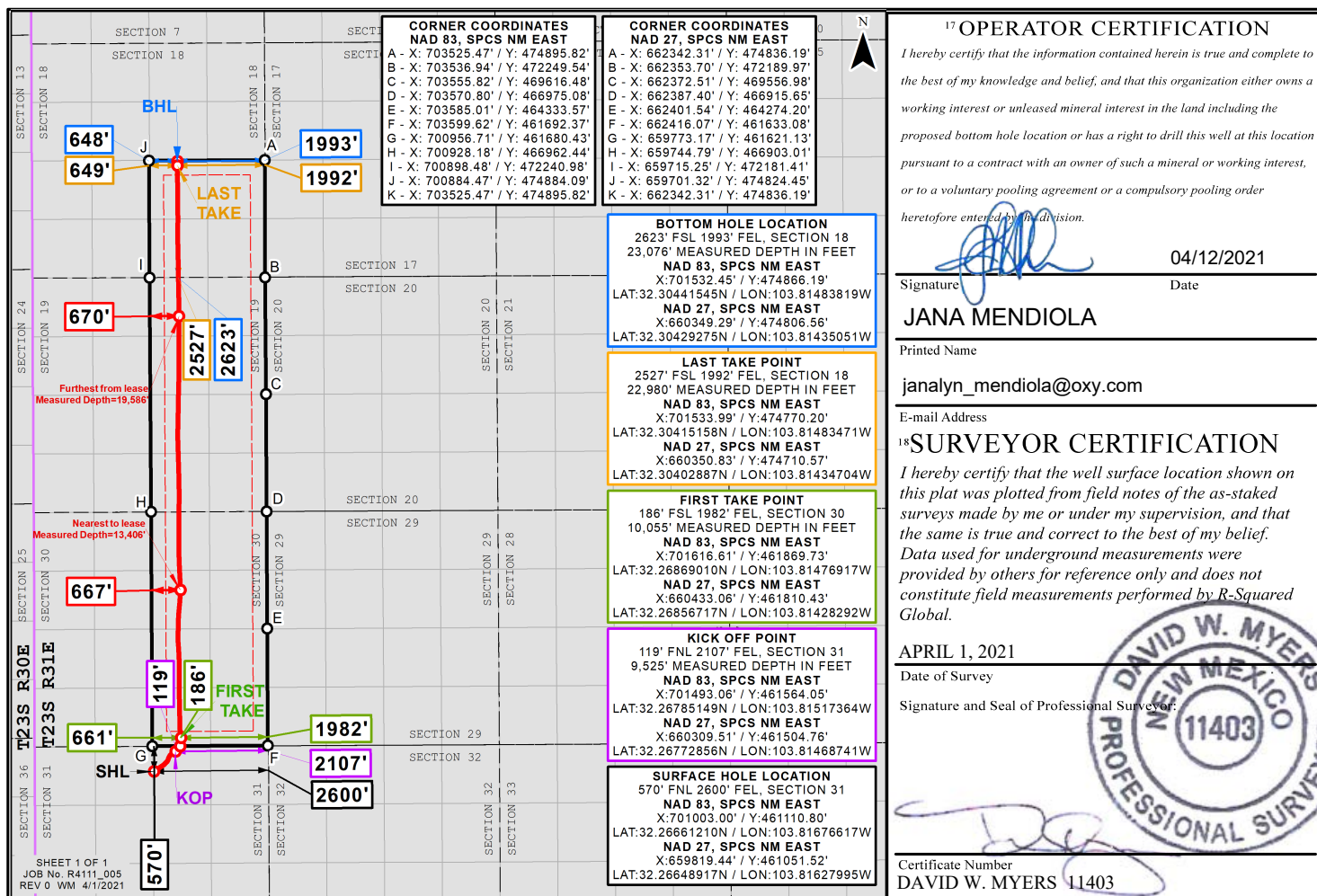
WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-46464	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 4H
		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
B	31	23S	31E		570	NORTH	2600	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
J	18	23S	31E		2623	SOUTH	1993	EAST	EDDY
¹² Dedicated Acres 800.0	¹³ Joint or Infill	¹⁴ Consolidation Code		¹⁵ Order No.					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Distances/areas relative to NAD 83 Combined Scale Factor: 0.99977704 Convergence Angle: 00°16'56.57999"

Horizontal Spacing Unit



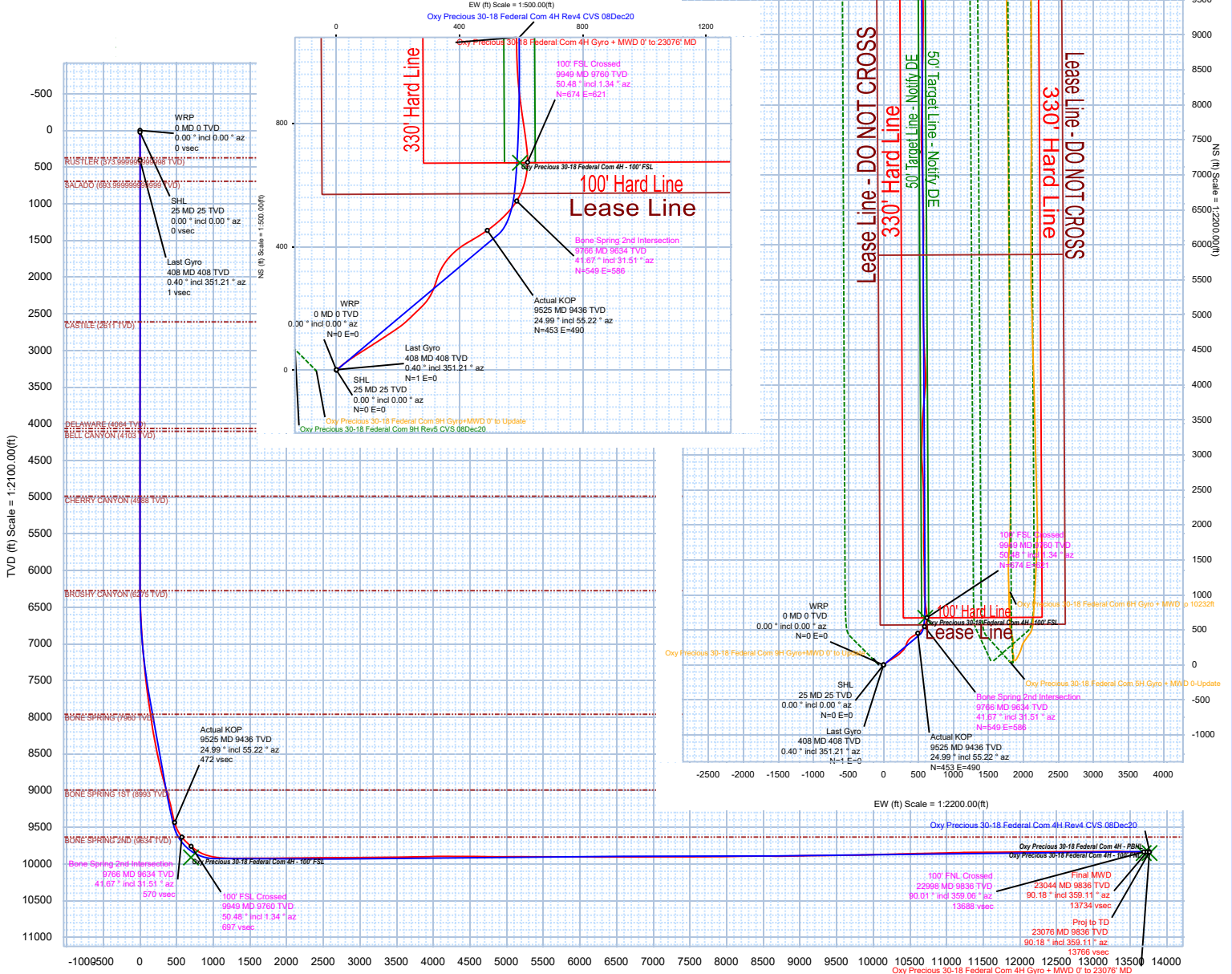
OXY



Borehole:	Well:	Field:	Structure:
Precious 30-18 Federal Com 4H	Oxy Precious 30-18 Federal Com 4H	NM Eddy County (NAD 83)	Oxy Precious 30-18 Federal Com 4H & 9H

Gravity & Magnetic Parameters				Surface Location				Miscellaneous			
Model:	IFR1	Dip:	59.982°	Date:	24-Jan-2021	Lat:	N 32 15 59.80	Northing:	461110.87US	Grid Conv:	0.2758°
MagDec:	6.913°	FS:	47796.3nT	Gravity FS:	998.452mgN (9.80665 Based)	Lon:	W 103 49 0.36	Easting:	701003.0US	Scale Fact:	0.99993829
								Oxy Precious 30-18 Federal Com 4H - P&M			
								Oxy Precious 30-18 Federal Com 4H Rev4 CYS 08Dec20			
								Oxy Precious 30-18 Federal Com 4H Gyro + MWD 0' to 23076' 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	25.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	
Last Gyro	408.41	0.40	351.21	408.41	1.10	1.09	0.31	0.28	
Actual KOP	9525.00	24.99	55.22	9435.66	471.53	453.25	490.06	3.47	
Bone Spring 2nd Intersection	9766.31	41.67	31.51	9634.00	570.46	548.62	585.60	12.54	
100' FSL Crossed	9949.00	50.48	1.34	9760.06	697.30	674.22	620.71	12.21	
100' FNL Crossed	22998.00	90.01	359.06	9836.16	13687.69	13677.40	530.68	0.39	
Final MWD	23044.00	90.18	359.11	9836.08	13733.62	13723.39	529.95	0.39	
Proj to TD	23076.00	90.18	359.11	9835.98	13765.57	13755.39	529.45	0.00	



Schlumberger

Oxy Precious 30-18 Federal Com 4H Gyro + MWD 0' to 23076' MD Survey

Geodetic Report

(Def Survey)



Report Date: January 18, 2021 - 12:34 PM
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Precious 30-18 Federal Com 4H & 9H / Oxy Precious 30-18 Federal Com 4H
Well: Oxy Precious 30-18 Federal Com 4H
Borehole: Precious 30-18 Federal Com 4H
UWI / API#: Unknown / Unknown
Survey Name: Oxy Precious 30-18 Federal Com 4H Gyro + MWD 0' to 23076' MD
Survey Date: December 08, 2020
Tort / AHD / DDI / ERD Ratio: 278.527 * / 14050.242 ft / 6.959 / 1.416
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 15' 59.80357", W 103° 49' 0.35822"
Location Grid N/E Y/X: N 461110.800 ftUS, E 701003.000 ftUS
CRS Grid Convergence Angle: 0.2758 °
Grid Scale Factor: 0.99993829
Version / Patch: 2.10.824.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 2.176 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB = 25ft
TVD Reference Elevation: 3372.000 ft above MSL
Seabed / Ground Elevation: 3347.000 ft above MSL
Magnetic Declination: 6.913 °
Total Gravity Field Strength: 998.4518mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47796.300 nT
Magnetic Dip Angle: 59.982 °
Declination Date: January 24, 2021
Magnetic Declination Model: IFR1
North Reference: Grid North
Grid Convergence Used: 0.2800 °
Total Corr Mag North->Grid North: 6.6330 °
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	461110.80	701003.00	N 32 15 59.80	W 103 49 0.36
SHL	25.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	461110.80	701003.00	N 32 15 59.80	W 103 49 0.36
	98.82	0.09	8.75	98.82	0.06	0.06	0.01	0.12	0.06	8.75	461110.86	701003.01	N 32 15 59.80	W 103 49 0.36
	129.05	0.13	355.87	129.05	0.12	0.11	0.01	0.15	0.12	4.95	461110.91	701003.01	N 32 15 59.80	W 103 49 0.36
	153.99	0.14	356.38	153.99	0.17	0.17	0.01	0.04	0.17	1.98	461110.97	701003.01	N 32 15 59.81	W 103 49 0.36
	182.10	0.17	13.28	182.10	0.25	0.25	0.01	0.25	3.09	461111.05	701003.01	N 32 15 59.81	W 103 49 0.36	
	211.11	0.19	18.70	211.11	0.34	0.34	0.04	0.09	0.34	6.58	461111.14	701003.04	N 32 15 59.81	W 103 49 0.36
	240.66	0.22	43.17	240.66	0.43	0.42	0.09	0.31	0.43	12.41	461111.22	701003.09	N 32 15 59.81	W 103 49 0.36
	269.63	0.22	54.96	269.63	0.50	0.50	0.18	0.16	0.53	19.61	461111.30	701003.18	N 32 15 59.81	W 103 49 0.36
	301.13	0.17	18.28	301.13	0.58	0.58	0.24	0.42	0.62	22.73	461111.38	701003.24	N 32 15 59.81	W 103 49 0.36
	332.64	0.24	20.25	332.64	0.69	0.68	0.28	0.22	0.74	22.23	461111.48	701003.28	N 32 15 59.81	W 103 49 0.35
	364.16	0.30	18.18	364.16	0.83	0.82	0.33	0.19	0.88	21.70	461111.62	701003.33	N 32 15 59.81	W 103 49 0.35
	395.66	0.38	346.92	395.66	1.01	1.00	0.33	0.63	1.05	18.19	461111.80	701003.33	N 32 15 59.81	W 103 49 0.35
Last Gyro	408.41	0.40	351.21	408.41	1.10	1.09	0.31	0.28	1.13	16.05	461111.89	701003.31	N 32 15 59.81	W 103 49 0.35
	581.00	0.11	63.05	581.00	1.77	1.76	0.37	0.22	1.80	11.84	461112.56	701003.37	N 32 15 59.82	W 103 49 0.35
	672.00	0.15	69.61	672.00	1.86	1.84	0.56	0.05	1.92	16.88	461112.64	701003.56	N 32 15 59.82	W 103 49 0.35
	764.00	0.12	246.24	764.00	1.86	1.84	0.58	0.29	1.93	17.55	461112.64	701003.58	N 32 15 59.82	W 103 49 0.35
	854.00	0.13	295.14	854.00	1.86	1.85	0.40	0.12	1.89	12.34	461112.65	701003.40	N 32 15 59.82	W 103 49 0.35
	944.00	0.05	59.82	944.00	1.92	1.91	0.35	0.18	1.94	10.25	461112.71	701003.35	N 32 15 59.82	W 103 49 0.35
	1035.00	0.10	254.81	1035.00	1.92	1.91	0.30	0.16	1.93	9.02	461112.71	701003.30	N 32 15 59.82	W 103 49 0.35
	1126.00	0.09	89.40	1126.00	1.90	1.89	0.30	0.21	1.91	8.96	461112.69	701003.30	N 32 15 59.82	W 103 49 0.35
	1217.00	0.12	84.56	1217.00	1.92	1.90	0.46	0.03	1.96	13.74	461112.70	701003.46	N 32 15 59.82	W 103 49 0.35
	1307.00	0.11	6.69	1307.00	2.01	1.99	0.57	0.16	2.07	15.91	461112.79	701003.57	N 32 15 59.82	W 103 49 0.35
	1398.00	0.10	208.38	1398.00	2.03	2.01	0.54	0.23	2.08	15.05	461112.81	701003.54	N 32 15 59.82	W 103 49 0.35
	1493.00	0.14	197.19	1492.99	1.84	1.83	0.47	0.05	1.89	14.34	461112.63	701003.47	N 32 15 59.82	W 103 49 0.35
	1587.00	0.10	325.95	1586.99	1.80	1.79	0.39	0.23	1.83	12.23	461112.59	701003.39	N 32 15 59.82	W 103 49 0.35
	1682.00	0.07	127.11	1681.99	1.83	1.82	0.39	0.18	1.86	12.01	461112.62	701003.39	N 32 15 59.82	W 103 49 0.35
	1777.00	0.11	268.54	1776.99	1.79	1.78	0.34	0.18	1.81	10.87	461112.58	701003.34	N 32 15 59.82	W 103 49 0.35
	1871.00	0.06	51.52	1870.99	1.82	1.81	0.29	0.17	1.83	9.11	461112.61	701003.29	N 32 15 59.82	W 103 49 0.35
	1966.00	0.14	211.70	1965.99	1.75	1.74	0.27	0.21	1.76	8.76	461112.54	701003.27	N 32 15 59.82	W 103 49 0.35
	2061.00	0.12	152.90	2060.99	1.56	1.55	0.25	0.14	1.58	9.23	461112.35	701003.25	N 32 15 59.82	W 103 49 0.36
	2155.00	0.07	146.19	2154.99	1.43	1.42	0.33	0.05	1.46	13.07	461112.22	701003.33	N 32 15 59.82	W 103 49 0.35
	2250.00	0.16	299.56	2249.99	1.45	1.44	0.25	0.24	1.46	9.73	461112.24	701003.25	N 32 15 59.82	W 103 49 0.36
	2345.00	0.06	109.44	2344.99	1.49	1.49	0.18	0.23	1.50	6.83	461112.29	701003.18	N 32 15 59.82	W 103 49 0.36
	2439.00	0.17	23.72	2438.99	1.61	1.60	0.28	0.19	1.62	9.96	461112.40	701003.28	N 32 15 59.82	W 103 49 0.35
	2534.00	0.08	207.35	2533.99	1.68	1.67	0.31	0.26	1.70	10.42	461112.47	701003.31	N 32 15 59.82	W 103 49 0.35
	2629.00	0.17	56.35	2628.99	1.70	1.69	0.39	0.26	1.73	13.13	461112.49	701003.39	N 32 15 59.82	W 103 49 0.35
	2724.00	0.10	166.90	2723.99	1.70	1.68	0.53	0.24	1.76	17.46	461112.48	701003.53	N 32 15 59.82	W 103 49 0.35
	2913.00	0.12	119.94	2912.99	1.45	1.42	0.74	0.05	1.60	27.41	461112.22	701003.74	N 32 15 59.82	W 103 49 0.35
	3008.00	0.10	201.72	3007.99	1.33	1.30	0.79	0.15	1.52	31.46	461112.10	701003.79	N 32 15 59.82	W 103 49 0.35
	3102.00	0.12	212.37	3101.99	1.16	1.14	0.71	0.03	1.34	31.99	461111.94	701003.71	N 32 15 59.81	W 103 49 0.35
	3197.00	0.07	177.45	3196.99	1.02	1.00	0.66	0.08	1.20	33.54	461111.80	701003.66	N 32 15 59.81	W 103 49 0.35
	3292.00	0.25	121.96	3291.99	0.86	0.83	0.84	0.23	1.18	45.35	461111.63	701003.84	N 32 15 59.81	W 103 49 0.35
	3386.00	0.22	115.85	3385.99	0.69	0.64	1.18	0.04	1.34	61.38	461111.44	701004.18	N 32 15 59.81	W 103 49 0.34
	3481.00	0.15	78.78	3480.99	0.64	0.59	1.46	0.14	1.57	68.15	461111.39	701004.46	N 32 15 59.81	W 103 49 0.34
	3576.00	0.13	193.80	3575.99	0.56	0.51	1.56	0.25	1.64	72.02	461111.31	701004.56	N 32 15 59.81	W 103 49 0.34
	3670.00	0.21	158.12	3669.99	0.30	0.24	1.60	0.14	1.61	81.38	461111.04	701004.60	N 32 15 59.81	W 103 49 0.34
	3765.00	0.22	140.77	3764.99	0.01	-0.06	1.78	0.07	1.78	91.96	461110.74	701004.78	N 32 15 59.80	W 103 49 0.34
	3860.00	0.13	310.20	3859.99	-0.06	-0.13	1.81	0.37	1.81	94.19	461110.67	701004.81	N 32 15 59.80	W 103 49 0.34
	3954.00	0.04	188.57	3953.99	-0.03	-0.10	1.72	0.16	1.73	93.19	461110.70	701004.72	N 32 15 59.80	W 103 49 0.34
	4019.00	0.22	341.61	4018.99	0.06	0.00	1.68	0.39	1.68	90.00	461110.80	701004.68	N 32 15 59.80	W 103 49 0.34
	4049.00	0.19	306.46	4048.99	0.15	0.08	1.62	0.42	1.62	87.03	461110.88	701004.62	N 32 15 59.80	W 103 49 0.34
	4108.00	0.16	281.18	4107.99	0.21	0.16	1.46	0.14	1.47	83.83	461110.96	701004.46	N 32 15 59.81	W 103 49 0.34
	4300.00	0.18	191.88	4299.99	-0.04	-0.08	1.14	0.12	1.14	94.27	461110.72	701004.14	N 32 15 59.80	W 103 49 0.34
	4395.00	0.07	187.28	4394.99	-0.25	-0.29	1.10	0.12	1.14	104.70	461110.51	701004.10	N 32 15 59.80	W 103 49 0.35
	4489.00	0.07	151.43	4488.99	-0.40	-0.40	1.12	0.05	1.19	109.47	461110.40	701004.12	N 32 15 59.80	W 103 49 0.35
	4584.00	0.09	179.93	4583.99	-0.48	-0.52	1.15	0.05	1.26	114.44	461110.28	701004.15	N 32 15 59.80	W 103 49 0.34
	4678.00	0.08	300.15	4677.99	-0.52	-0.56	1.09	0.16	1.23	117.27	461110.24	701004.09	N 32 15 59.80	W 103 49 0.35
	4773.00	0.14	223.61	4772.99	-0.58	-0.61	0.95	0.15	1.13	122.74	461110.19	701003.95	N 32 15 59.80	W 103 49 0.35
	4868.00	0.18	153.47	4867.99	-0.79	-0.83	0.94	0.20	1.25	131.46	461109.97	701003.94	N 32 15 59.80	W 103 49 0.35
	4962.00	0.02	310.12	4961.99	-0.91	-0.95	0.99	0.21	1.38	133.78	461109.85	701003.99	N 32 15 59.79	W 103 49 0.35
	5057.00	0.02	334.62	5056.99	-0.89	-0.93	0.97	0.01	1.34	133.58	461109.87	701003.97	N 32 15 59.79	W 103 49 0.35
	5152.00	0.10	276.78	5151.99	-0.87	-0.90	0.88	0.10	1.26	135.56	461109.90	701003.88	N 32 15 59.79	W 103 49 0.35
	5247.00	0.11	318.69	5246.99	-0.79	-0.82	0.74	0.08	1.11	137.99	461109.98	701003.74	N 32 15 59.80	W 103 49 0.35
	5341.00	0.03	264.01	5340.99	-0.73	-0.76	0.66	0.10	1.00	139.06	461110.04	701003.66	N 32 15 59.80	W 103 49 0.35
	5436.00	0.13	298.46	5435.99	-0.69	-0.71	0.54	0.11	0.89	142.81	461110.09	701003.54	N 32 15 59.80	W 103 49 0.35
	5531.00	0												

Comments	MD (ft)	Incl (°)	Azim (°)	Grid (ft)	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	8183.00	12.39	46.68	8156.87	172.00	163.26	233.30	1.09		284.75	55.02	461274.05	701236.29	N 32 16 1.41	W 103 48 57.63
	8277.00	14.63	46.76	8340.03	205.47	195.47	266.90	0.48		330.82	53.78	461306.26	701269.88	N 32 16 1.73	W 103 48 57.24
	8467.00	14.52	43.03	8431.98	223.02	212.40	283.77	0.99		354.45	53.19	461323.18	701286.75	N 32 16 1.89	W 103 48 57.04
	8561.00	13.75	34.35	8523.14	241.39	230.24	298.11	2.40		376.67	52.32	461341.02	701301.09	N 32 16 2.07	W 103 48 56.87
	8656.00	13.63	26.88	8615.45	261.12	249.54	309.54	1.86		397.60	51.13	461360.33	701312.52	N 32 16 2.26	W 103 48 56.74
	8751.00	14.09	19.58	8707.69	282.32	270.42	318.48	1.90		417.80	49.67	461381.21	701321.46	N 32 16 2.46	W 103 48 56.63
	8846.00	14.87	17.44	8799.67	305.12	292.95	326.01	1.00		438.29	48.06	461403.73	701328.99	N 32 16 2.69	W 103 48 56.55
	8940.00	16.56	23.91	8890.16	329.20	316.71	335.05	2.59		461.05	46.61	461427.49	701338.03	N 32 16 2.92	W 103 48 56.44
	9035.00	18.98	32.42	8980.84	355.14	342.15	343.81	3.71		488.60	45.55	461452.92	701351.78	N 32 16 3.17	W 103 48 56.28
	9130.00	21.39	42.25	9069.92	381.77	368.04	368.72	4.40		520.97	45.05	461478.81	701371.70	N 32 16 3.43	W 103 48 56.04
	9224.00	22.29	51.41	9157.10	406.54	391.85	394.19	3.75		555.82	45.17	461502.63	701397.16	N 32 16 3.66	W 103 48 55.75
	9319.00	21.47	59.73	9245.28	427.63	411.86	423.29	3.37		590.60	45.78	461522.63	701426.27	N 32 16 3.86	W 103 48 55.41
	9414.00	21.50	59.35	9333.68	446.40	429.50	453.29	0.15		624.45	46.54	461540.27	701456.26	N 32 16 4.03	W 103 48 55.06
	9525.00	24.99	55.22	9435.66	471.53	453.25	490.06	3.47		667.53	47.23	461564.02	701493.03	N 32 16 4.27	W 103 48 54.63
	9619.00	32.95	49.19	9517.85	500.95	481.33	525.78	9.01		712.83	47.53	461592.10	701528.75	N 32 16 4.54	W 103 48 54.21
	9713.00	39.76	41.34	9593.55	541.76	520.68	565.05	8.76		768.37	47.34	461631.45	701568.02	N 32 16 4.93	W 103 48 53.75
Bone Spring 2nd Intersection	9766.31	41.67	31.51	9634.00	570.46	548.62	585.60	12.54		802.44	46.87	461659.39	701588.56	N 32 16 5.20	W 103 48 53.51
100' FSL Crossed	9808.00	43.71	24.40	9664.66	595.89	573.57	598.80	12.54		829.18	46.23	461684.33	701601.76	N 32 16 5.45	W 103 48 53.35
	9903.00	49.12	8.48	9730.35	662.25	639.25	617.73	13.38		888.95	44.02	461750.01	701620.69	N 32 16 6.10	W 103 48 53.13
	9949.00	50.48	1.34	9760.06	697.30	674.22	620.71	12.21		916.43	42.63	461784.97	701623.67	N 32 16 6.45	W 103 48 53.09
	9998.00	52.38	354.08	9790.64	735.44	712.45	619.15	12.21		943.89	40.99	461823.20	701622.11	N 32 16 6.82	W 103 48 53.11
	10093.00	61.94	351.36	9842.10	814.06	791.50	600.95	10.35		998.65	37.57	461902.25	701611.91	N 32 16 7.61	W 103 48 53.22
	10187.00	72.19	352.79	9922.90	897.76	877.07	599.81	10.60		1060.87	34.23	461987.81	701599.77	N 32 16 8.45	W 103 48 53.36
	10282.00	79.91	356.71	9902.38	968.60	958.18	588.18	8.57		1133.20	31.27	462079.34	701591.14	N 32 16 9.36	W 103 48 53.45
	10377.00	83.99	359.81	9916.34	1083.94	1062.48	585.35	6.07		1213.05	28.85	462173.22	701588.31	N 32 16 10.29	W 103 48 53.48
	10419.00	86.86	359.80	9919.65	1125.77	1104.35	585.20	7.07		1249.82	27.92	462215.08	701588.17	N 32 16 10.70	W 103 48 53.48
	10565.00	89.92	359.59	9923.63	1271.56	1250.28	584.43	2.03		1380.12	25.05	462361.00	701587.39	N 32 16 12.15	W 103 48 53.48
	10660.00	90.27	359.14	9923.47	1366.45	1345.27	583.37	0.60		1466.31	23.44	462455.98	701586.34	N 32 16 13.09	W 103 48 53.49
	10755.00	90.11	358.49	9923.16	1461.28	1440.25	581.41	0.70		1553.17	21.98	462550.96	701584.37	N 32 16 14.03	W 103 48 53.51
	10850.00	90.01	358.79	9923.06	1556.10	1535.22	579.15	0.33		1640.83	20.67	462645.92	701582.12	N 32 16 14.97	W 103 48 53.53
	10945.00	90.18	359.79	9922.96	1650.94	1630.20	577.15	0.18		1729.35	19.50	462740.90	701580.11	N 32 16 15.91	W 103 48 53.55
	11039.00	89.96	359.46	9922.78	1744.80	1724.19	575.71	0.75		1817.76	18.46	462834.88	701578.68	N 32 16 16.84	W 103 48 53.56
	11134.00	90.41	359.91	9922.48	1839.71	1819.19	575.19	0.67		1907.95	17.55	462929.87	701578.15	N 32 16 17.78	W 103 48 53.56
	11228.00	90.93	0.54	9921.38	1933.65	1913.18	575.56	0.87		1997.88	16.74	463023.86	701578.52	N 32 16 18.71	W 103 48 53.55
	11324.00	90.57	0.12	9920.12	2029.59	2009.17	576.11	0.58		2090.13	16.00	463119.84	701579.07	N 32 16 19.66	W 103 48 53.54
	11419.00	90.34	359.48	9919.37	2124.51	2104.16	575.78	0.72		2181.52	15.30	463214.83	701578.74	N 32 16 20.60	W 103 48 53.53
	11513.00	90.71	359.41	9918.51	2218.40	2198.15	574.87	0.40		2272.08	14.66	463308.81	701577.83	N 32 16 21.53	W 103 48 53.54
	11608.00	90.71	359.77	9917.33	2317.19	2293.14	574.19	0.38		2363.94	13.06	463403.80	701577.15	N 32 16 22.47	W 103 48 53.54
	11702.00	90.57	359.35	9916.28	2403.29	2387.14	573.47	0.47		2455.05	14.51	463497.78	701576.43	N 32 16 23.40	W 103 48 53.55
	11797.00	89.92	358.60	9915.87	2502.12	2487.17	572.77	1.04		2547.12	12.97	463592.76	701574.73	N 32 16 24.34	W 103 48 53.56
	11891.00	90.44	357.20	9915.58	2595.77	2576.05	568.32	1.59		2638.00	12.44	463686.69	701571.29	N 32 16 25.27	W 103 48 53.59
	11986.00	90.28	357.17	9914.98	2690.41	2670.94	563.66	1.57		2729.76	11.92	463781.57	701566.62	N 32 16 26.21	W 103 48 53.64
	12084.00	90.10	356.19	9914.66	2787.96	2768.77	557.98	1.02		2824.43	11.39	463879.39	701560.95	N 32 16 27.17	W 103 48 53.70
	12178.00	90.61	356.26	9914.07	2881.45	2862.56	551.79	0.55		2915.26	10.91	463973.18	701554.76	N 32 16 28.10	W 103 48 53.77
	12273.00	90.39	357.68	9913.24	2976.05	2957.42	546.77	1.51		3007.54	10.47	464068.04	701549.74	N 32 16 29.04	W 103 48 53.82
	12368.00	90.44	0.82	9912.56	3070.91	3052.40	545.53	3.31		3100.77	10.13	464163.01	701548.50	N 32 16 29.98	W 103 48 53.83
	12462.00	90.56	2.46	9911.74	3164.90	3146.36	548.22	1.75		3193.76	9.88	464256.96	701551.18	N 32 16 30.91	W 103 48 53.80
	12557.00	90.74	1.12	9910.66	3259.89	3241.30	551.19	1.42		3287.83	9.65	464351.90	701554.15	N 32 16 31.85	W 103 48 53.76
	12652.00	90.44	1.19	9909.71	3354.87	3336.28	553.10	0.37		3381.81	9.41	464446.87	701556.07	N 32 16 32.79	W 103 48 53.73
	12747.00	90.81	1.58	9908.71	3449.86	3431.24	555.40	0.60		3475.90	9.19	464541.83	701558.36	N 32 16 33.73	W 103 48 53.70
	12841.00	90.55	3.40	9907.59	3543.85	3525.14	559.48	1.96		3569.27	9.02	464635.72	701562.45	N 32 16 34.66	W 103 48 53.64
	12936.00	91.60	5.14	9905.81	3638.76	3619.86	566.55	2.14		3663.93	8.90	464730.43	701569.52	N 32 16 35.59	W 103 48 53.56
	13031.00	90.71	4.84	9903.90	3733.63	3714.48	574.81	0.99		3758.69	8.80	464825.04	701577.78	N 32 16 36.53	W 103 48 53.45
	13126.00	90.65	5.00	9902.77	3828.51	3809.12	582.96	0.18		3853.47	8.70	464919.68	701585.92	N 32 16 37.47	W 103 48 53.35
	13221.00	90.31	5.09	9901.97	3923.39	3903.75	591.32	0.37		3948.28	8.61	465014.30	701594.28	N 32 16 38.40	W 103 48 53.25
	13266.00	91.13	5.61	9900.30	3998.52	3985.51	595.61	0.71		4043.07	8.50	465099.07	701598.47	N 32 16 39.37	W 103 48 53.20
	13315.00	91.13	3.44	9898.30	4017.19	3997.32	599.37	0.92		4042.00	8.53	465107.86	701602.33	N 32 16 39.33	W 103 48 53.15
	13410.00	90.06	359.66	9897.31	4112.16	4092.26	601.94	4.14		4136.29	8.37	465202.80	701604.90	N 32 16 40.27	W 103 48 53.12
	13504.00	89.55	356.98	9897.63	4205.94	4186.21	599.18	2.90		4228.87	8.15	465296.74	701602.14	N 32 16 41.20	W 103 48 53.14
	13599.00	90.00	357.33	9898.01	4300.57	4281.09	594.47	0.60		4322.17	7.91	465391.62	701597.43	N 32 16 42.14	W 103 48 53.19
	13693.00	89.83	356.70	9898.15	4394.19	4374.96	589.57	0.69		4414.51	7.67	465485.48	701592.53	N 32 16 43.07	W 103 48 53.25
	13788.00	89.94	356.93	9898.34	4488.78	4469.81	584.29	0.27		4507.84	7.45	465580.33	701587.26	N 32 16 44.00	W 103 48 53.30
	13858.00	89.47	357.36	9898.70	4558.51	4539.73	580.81	0.91		4576.73	7.29	465650.24	701583.77	N 32 16 44.70	W 103 48 53.34
	13953.00	89.02	358.26	9898.95	4653.22	4634.65	577.18	1.06		4670.45	7.10	465745.15	701580.17	N 32 16 45.64	W 103 48 53.

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 ° ' ")
	19643.00	91.53	359.31	9864.96	10337.43	10323.24	569.71	1.32	10338.95	3.16	471433.38	701572.68	N 32 17 41.92	W 103 48 53.14
	19739.00	91.33	358.89	9862.57	10433.26	10419.20	568.20	0.48	10434.68	3.12	471529.33	701571.17	N 32 17 42.87	W 103 48 53.15
	19833.00	91.30	358.65	9860.41	10527.07	10513.15	566.19	0.26	10528.39	3.08	471623.28	701569.15	N 32 17 43.80	W 103 48 53.17
	19928.00	91.21	359.34	9858.33	10621.90	10608.11	564.52	0.73	10623.12	3.05	471718.24	701567.49	N 32 17 44.74	W 103 48 53.19
	20023.00	91.14	358.83	9856.38	10716.74	10703.08	563.00	0.54	10717.88	3.01	471813.20	701565.97	N 32 17 45.68	W 103 48 53.20
	20118.00	91.40	358.69	9854.27	10811.55	10798.04	560.95	0.31	10812.60	2.97	471908.15	701563.91	N 32 17 46.62	W 103 48 53.22
	20213.00	91.03	359.35	9852.26	10906.38	10893.00	559.33	0.80	10907.35	2.94	472003.11	701562.29	N 32 17 47.56	W 103 48 53.23
	20308.00	91.33	358.61	9850.30	11001.21	10987.96	557.63	0.84	11002.10	2.91	472098.06	701560.60	N 32 17 48.50	W 103 48 53.25
	20403.00	91.57	359.22	9847.90	11096.03	11082.92	555.84	0.69	11096.84	2.87	472193.01	701558.80	N 32 17 49.44	W 103 48 53.26
	20497.00	91.36	358.84	9845.50	11189.86	11176.87	554.25	0.46	11190.60	2.84	472286.96	701557.21	N 32 17 50.37	W 103 48 53.27
	20592.00	91.19	359.47	9843.38	11284.70	11271.84	552.84	0.69	11285.39	2.81	472381.92	701555.81	N 32 17 51.31	W 103 48 53.29
	20687.00	90.19	0.04	9842.24	11379.61	11366.83	552.44	1.21	11380.24	2.78	472476.90	701555.40	N 32 17 52.25	W 103 48 53.28
	20782.00	90.13	358.47	9841.97	11474.48	11461.82	551.20	1.65	11475.06	2.75	472571.89	701554.17	N 32 17 53.19	W 103 48 53.29
	20877.00	90.25	359.22	9841.66	11569.32	11556.80	549.29	0.80	11569.84	2.72	472666.86	701552.25	N 32 17 54.13	W 103 48 53.31
	20971.00	90.18	358.83	9841.30	11663.17	11650.78	547.69	0.42	11663.65	2.69	472760.84	701550.65	N 32 17 55.06	W 103 48 53.32
	21066.00	90.79	358.54	9840.50	11757.99	11745.75	545.51	0.71	11758.41	2.66	472855.80	701548.47	N 32 17 56.00	W 103 48 53.34
	21161.00	90.66	359.06	9839.30	11852.82	11840.72	543.52	0.56	11853.19	2.63	472950.77	701546.48	N 32 17 56.94	W 103 48 53.36
	21256.00	90.59	358.71	9838.26	11947.66	11935.70	541.67	0.38	11947.98	2.60	473045.74	701544.64	N 32 17 57.88	W 103 48 53.38
	21351.00	89.72	0.61	9838.01	12042.56	12030.69	541.11	2.20	12042.85	2.58	473140.73	701544.07	N 32 17 58.82	W 103 48 53.38
	21445.00	90.22	0.40	9838.05	12136.52	12124.69	541.94	0.58	12136.79	2.56	473234.72	701544.90	N 32 17 59.75	W 103 48 53.36
	21541.00	91.03	359.27	9837.01	12232.43	12220.68	541.66	1.45	12232.68	2.54	473330.70	701544.62	N 32 18 0.70	W 103 48 53.36
	21636.00	90.39	0.89	9835.83	12327.36	12315.67	541.79	1.83	12327.58	2.52	473425.68	701544.76	N 32 18 1.64	W 103 48 53.36
	21730.00	90.50	0.69	9835.10	12421.33	12409.66	543.09	0.24	12421.53	2.51	473519.67	701546.05	N 32 18 2.57	W 103 48 53.33
	21825.00	90.40	359.25	9834.35	12516.25	12504.65	543.04	1.52	12516.44	2.49	473614.65	701546.00	N 32 18 3.51	W 103 48 53.33
	21920.00	90.31	359.03	9833.77	12611.12	12599.64	541.61	0.25	12611.27	2.46	473709.64	701544.58	N 32 18 4.45	W 103 48 53.34
	22015.00	90.44	359.09	9833.14	12705.98	12694.62	540.05	0.15	12706.11	2.44	473804.61	701543.02	N 32 18 5.39	W 103 48 53.35
	22110.00	90.06	359.41	9832.73	12800.85	12789.61	538.81	0.52	12800.96	2.41	473899.60	701541.78	N 32 18 6.33	W 103 48 53.36
	22204.00	90.22	359.44	9832.50	12894.74	12883.61	537.87	0.17	12894.83	2.39	473993.59	701540.83	N 32 18 7.26	W 103 48 53.37
	22299.00	90.03	359.89	9832.29	12989.65	12978.61	537.31	0.51	12989.72	2.37	474088.58	701540.28	N 32 18 8.20	W 103 48 53.37
	22393.00	90.48	0.11	9831.87	13083.58	13072.61	537.31	0.53	13083.64	2.35	474182.57	701540.28	N 32 18 9.13	W 103 48 53.36
	22488.00	90.63	359.53	9830.95	13178.50	13167.60	537.01	0.63	13178.55	2.34	474277.56	701539.98	N 32 18 10.07	W 103 48 53.36
	22582.00	91.33	358.85	9829.35	13272.35	13261.58	535.68	1.04	13272.39	2.31	474371.53	701538.65	N 32 18 11.00	W 103 48 53.37
	22677.00	86.66	358.48	9831.01	13367.13	13356.51	533.47	4.93	13367.16	2.29	474466.46	701536.44	N 32 18 11.94	W 103 48 53.39
	22773.00	88.82	359.75	9834.80	13462.91	13452.42	531.99	2.61	13462.93	2.26	474562.36	701534.96	N 32 18 12.89	W 103 48 53.41
	22867.00	89.85	0.19	9835.89	13556.84	13546.41	531.94	1.19	13556.85	2.25	474656.34	701534.91	N 32 18 13.82	W 103 48 53.40
	22962.00	89.87	359.02	9836.12	13651.74	13641.40	531.29	1.23	13651.75	2.23	474751.33	701534.25	N 32 18 14.76	W 103 48 53.40
100' FNL	22998.00	90.01	359.06	9836.16	13687.69	13677.40	530.68	0.39	13687.69	2.22	474787.33	701533.65	N 32 18 15.12	W 103 48 53.41
Crossed	23044.00	90.18	359.11	9836.08	13733.62	13723.39	529.95	0.39	13733.62	2.21	474833.32	701532.92	N 32 18 15.57	W 103 48 53.41
Final MWD	23076.00	90.18	359.11	9835.98	13765.57	13755.39	529.45	0.00	13765.57	2.20	474865.31	701532.42	N 32 18 15.89	W 103 48 53.42
Proj to TD														

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	GVD_GC+DROP+OH-Depth Only	Precious 30-18 Federal Com 4H / Oxy Precious 30-18 Federal Com 4H Gyro + MWD 0' to 23076' MD
	1	25.000	25.000	Act Stns	26.400	26.400	GVD_GC+DROP+OH-Depth Only	Precious 30-18 Federal Com 4H / Oxy Precious 30-18 Federal Com 4H Gyro + MWD 0' to 23076' MD
	1	25.000	408.410	Act Stns	26.400	26.400	GVD_GC+DROP+OH	Precious 30-18 Federal Com 4H / Oxy Precious 30-18 Federal Com 4H Gyro + MWD 0' to 23076' MD
	1	408.410	23076.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Precious 30-18 Federal Com 4H / Oxy Precious 30-18 Federal Com 4H Gyro + MWD 0' to 23076' 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 23821

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 23821
	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.

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
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1220 S. St Francis Dr.
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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
ksimmons	RT Expires 07/13/2021. Submit completion sundry and completion report as soon as available.	6/8/2021