District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

[1] Operator name and Address	[2] OGRID Number: 16696
OXY USA INC. P.O. BOX 50250 MIDLAND, TX 79710	[3] Reason for Filing Code/ Effective Date - RT- 04/25/2022

[4] API Number	[5] Pool Name	[6] Pool Code
30–015-45754	INGLE WELLS; BONE SPRING	33740
[7] Property Code: 324872	[8] Property Name: PURE GOLD MDP1 29-17 FEDERAL COM	[9] Well Number: 8H

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
N	29	23S	31E		430	SOUTH	2470	WEST	EDDY

[11] Bottom Hole Location FTP: 115’ FSL 2564’ FWL LTP: 2446’ FSL 2619’ FEL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	17	23S	31E		2586	SOUTH	2618	EAST	EDDY

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

III. Oil and Gas Transporters

[18] Transporter OGRID	[19] Transporter Name and Address	[20] O/G/W
237722	CENTURION PIPELINE L.P.	O
151618	ENTERPRISE FIELD SERVICES LLC	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
03/13/2020	04/25/2022	24238’M 11000’V	24205’M 11000’V	11184-24098’	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17-1/2”	13-3/8”	460’	615
12-1/4”	9-5/8”	4221’	1199
8-3/4”	7-5/8”	10221’	833
6-3/4”	5-1/2”	24218’	1140

V. Well Test Data

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

[42] I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: JANA MENDIOLA

Title: SR. REGULATORY ANALYST

E-mail Address: Janalyn_mendiola@oxy.com

Date: 04/24/2022

Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by:

Title: Petroleum Engineer

Approval Date: 08/03/22

COA: RT C-104 expires 08/26/22

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr,. Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-015-45754	33740	INGLE WELLS; BONE SPRING

[4] Property Code	Property Name	[6] Well Number
324872	PURE GOLD MDP1 29-17 FEDERAL COM	8H

[7] OGRID No.	[8] Operator Name	[9] Elevation
16696	OXY USA INC.	3358'

[10] Surface Location

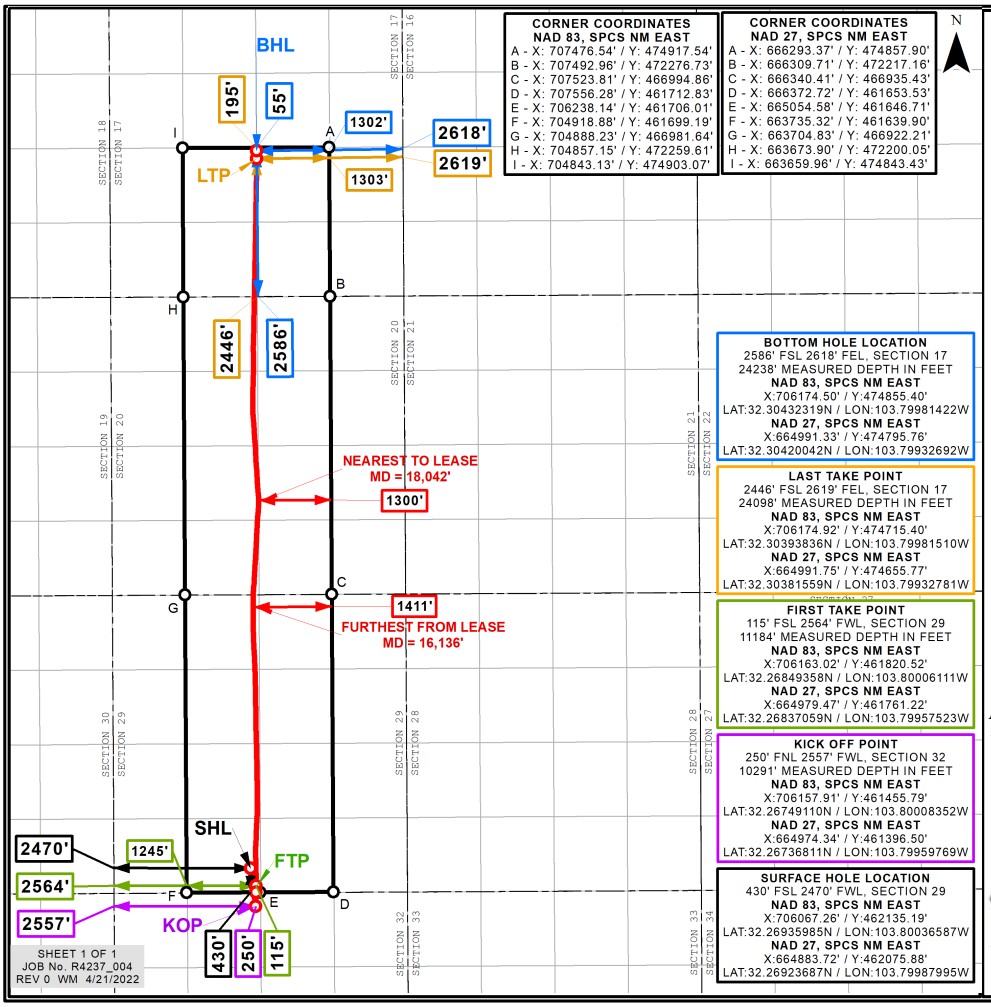
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	29	23S	31E		430	SOUTH	2470	WEST	EDDY

[11] [11] Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	17	23S	31E		2586	SOUTH	2618	EAST	EDDY

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
800.0			

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: 707476.54' / Y: 474917.54'
B - X: 707492.96' / Y: 472276.73'
C - X: 707523.81' / Y: 466994.86'
D - X: 707556.28' / Y: 461712.83'
E - X: 706238.14' / Y: 461706.01'
F - X: 704918.88' / Y: 461699.19'
G - X: 704888.23' / Y: 466981.64'
H - X: 704857.15' / Y: 472259.61'
I - X: 704843.13' / Y: 474903.07'

CORNER COORDINATES NAD 27, SPCS NM EAST
A - X: 666293.37' / Y: 474857.90'
B - X: 666309.71' / Y: 472217.16'
C - X: 666340.41' / Y: 466935.43'
D - X: 666372.72' / Y: 461653.53'
E - X: 665054.58' / Y: 461646.71'
F - X: 663735.32' / Y: 461639.90'
G - X: 663704.83' / Y: 466922.21'
H - X: 663673.90' / Y: 472200.05'
I - X: 663659.96' / Y: 474843.43'

BOTTOM HOLE LOCATION
2586' FSL 2618' FEL, SECTION 17
24238' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:706174.50' / Y:474855.40'
LAT:32.30432319N / LON:103.79981422W
NAD 27, SPCS NM EAST
X:664991.33' / Y:474795.76'
LAT:32.30420042N / LON:103.79932692W

LAST TAKE POINT
2446' FSL 2619' FEL, SECTION 17
24098' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:706174.92' / Y:474715.40'
LAT:32.30393836N / LON:103.79981510W
NAD 27, SPCS NM EAST
X:664991.75' / Y:474655.77'
LAT:32.30381559N / LON:103.79932781W

FIRST TAKE POINT
115' FSL 2564' FWL, SECTION 29
11184' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:706163.02' / Y:461820.52'
LAT:32.26849358N / LON:103.80006111W
NAD 27, SPCS NM EAST
X:664979.47' / Y:461761.22'
LAT:32.26837059N / LON:103.79957523W

KICK OFF POINT
250' FNL 2557' FWL, SECTION 32
10291' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:706157.91' / Y:461455.79'
LAT:32.26749110N / LON:103.80008352W
NAD 27, SPCS NM EAST
X:664974.34' / Y:461396.50'
LAT:32.26736811N / LON:103.79959769W

SURFACE HOLE LOCATION
430' FSL 2470' FWL, SECTION 29
NAD 83, SPCS NM EAST
X:706067.26' / Y:462135.19'
LAT:32.26935985N / LON:103.80036587W
NAD 27, SPCS NM EAST
X:664883.72' / Y:462075.88'
LAT:32.26923687N / LON:103.79987995W

SHEET 1 OF 1
JOB No. R4237_004
REV 0 WM 4/21/2022

[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: 4/23/22

JANA MENDIOLA
Printed Name

janalyn_mendiola@oxy.com
E-mail Address

[18] SURVEYOR CERTIFICATION

I hereby certify that the well surface location shown on this plat was plotted from field notes of the as-staked surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Data used for underground measurements were provided by others for reference only and does not constitute field measurements performed by R-Squared Global.

APRIL 21, 2022
Date of Survey

Signature and Seal of Professional Surveyor:

DAVID W. MYERS NEW MEXICO 11403 PROFESSIONAL SURVEYOR

Certificate Number
DAVID W. MYERS 11403

Distances/areas relative to NAD 83 Combined Scale Factor: 0.99977749 Convergence Angle: 00°20'56.97"

Schlumberger

OXY

Borehole:	Well:	Field:	Structure:
ST01	Pure Gold MDP1 29_17 Federal Com 8H	NM Eddy County (NAD 83)	Oxy Pure Gold MDP1 29_17 Federal Com Pad_Citadel 2

Gravity & Magnetic Parameters

Model:	IFR1	Dip:	59.968°	Date:	18-Feb-2022
MagDec:	6.82°	FS:	47718nT	Gravity FS:	998.452mgn (9.80665 Based)

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

Lat:	N 32 16 9.70	Northing:	462135.19ftUS	Grid Conv:	0.2846°
Lon:	W 103 48 1.32	Easting:	706067.26ftUS	Scale Fact:	0.99994017

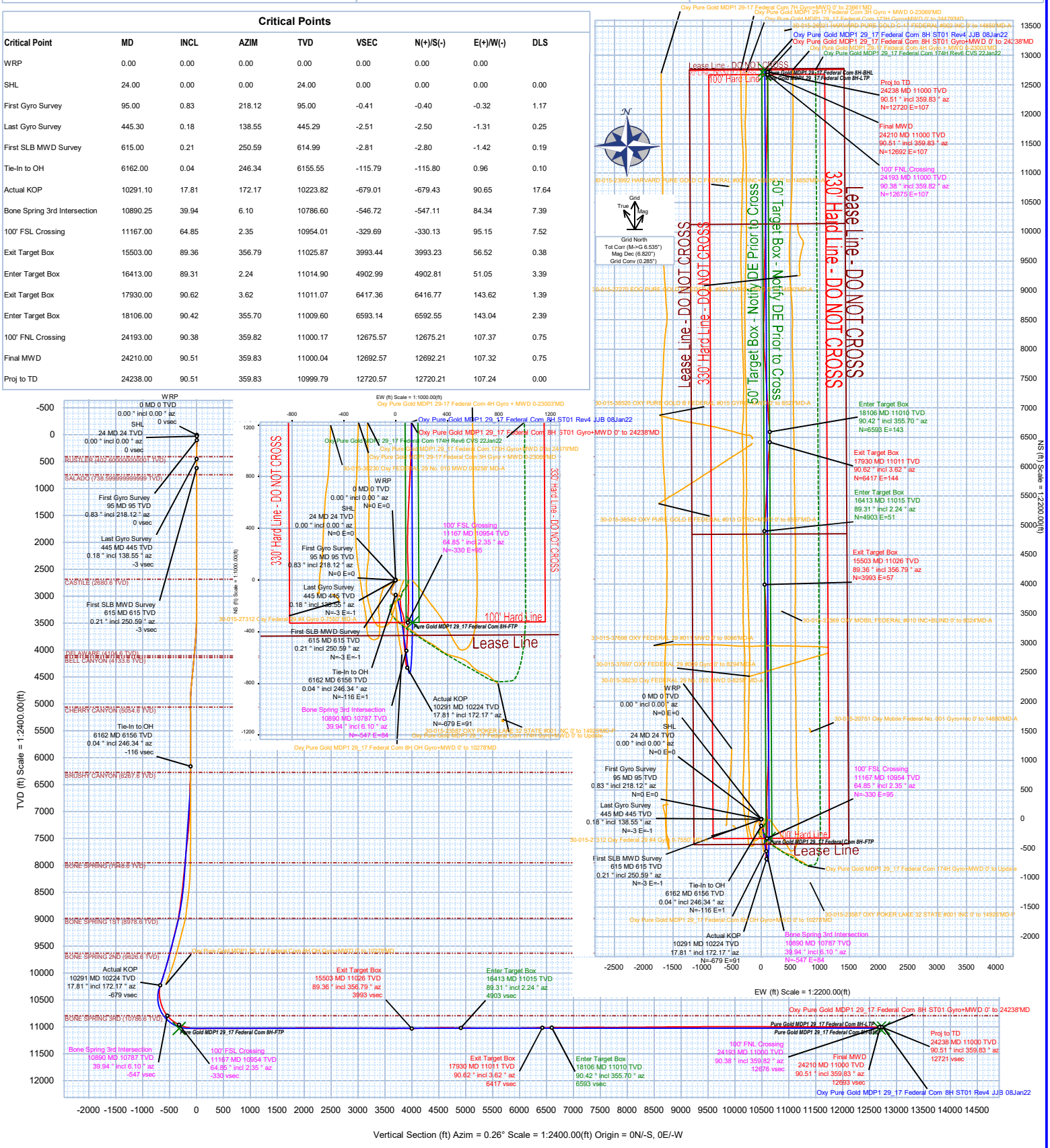
Miscellaneous

Slot: Pure Gold MDP1 29_17 Federal Com 8H TVD Ref: RKB = 24ft (3381.6ft above MSL)

Plan: Oxy Pure Gold MDP1 29_17 Federal Com 8H ST01 Gyro+MWD 0° to 24238'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	0.00
First Gyro Survey	95.00	0.83	218.12	95.00	-0.41	-0.40	-0.32	1.17
Last Gyro Survey	445.30	0.18	138.55	445.29	-2.51	-2.50	-1.31	0.25
First SLB MWD Survey	615.00	0.21	250.59	614.99	-2.81	-2.80	-1.42	0.19
Tie-In to OH	6162.00	0.04	246.34	6155.55	-115.79	-115.80	0.96	0.10
Actual KOP	10291.10	17.81	172.17	10223.82	-679.01	-679.43	90.65	17.64
Bone Spring 3rd Intersection	10890.25	39.94	6.10	10786.60	-546.72	-547.11	84.34	7.39
100' FSL Crossing	11167.00	64.85	2.35	10954.01	-329.69	-330.13	95.15	7.52
Exit Target Box	15503.00	89.36	356.79	11025.87	3993.44	3993.23	56.52	0.38
Enter Target Box	16413.00	89.31	2.24	11014.90	4902.99	4902.81	51.05	3.39
Exit Target Box	17930.00	90.62	3.62	11011.07	6417.36	6416.77	143.62	1.39
Enter Target Box	18106.00	90.42	355.70	11009.60	6593.14	6592.55	143.04	2.39
100' FNL Crossing	24193.00	90.38	359.82	11000.17	12675.57	12675.21	107.37	0.75
Final MWD	24210.00	90.51	359.83	11000.04	12692.57	12692.21	107.32	0.75
Proj to TD	24238.00	90.51	359.83	10999.79	12720.57	12720.21	107.24	0.00



Schlumberger

Oxy Pure Gold MDP1 29_17 Federal Com 8H ST01 Gyro+MWD 0' to 24238'MD Survey Geodetic Report

(Def Survey)

Report Date:	March 03, 2022 - 05:01 PM	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	OXY	**Vertical Section Azimuth:**	0.262 ° (Grid North)
Field:	NM Eddy County (NAD 83)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Oxy Pure Gold MDP1 29_17 Federal Com Pad_Citadel 2 / Pure Gold MDP1 29_17 Federal Com 8H	**TVD Reference Datum:**	RKB = 24ft
Well:	Pure Gold MDP1 29_17 Federal Com 8H	**TVD Reference Elevation:**	3381.600 ft above MSL
Borehole:	ST01	**Seabed / Ground Elevation:**	3357.600 ft above MSL
UWI / API#:	Unknown / 30-015-45754	**Magnetic Declination:**	6.820 °
Survey Name:	Oxy Pure Gold MDP1 29_17 Federal Com 8H ST01 Gyro+MWD 0' to 24238'MD	**Total Gravity Field Strength:**	998.4521mgn (9.80665 Based)
Survey Date:	January 08, 2022	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	317.375 ° / 14203.498 ft / 6.996 / 1.288	**Total Magnetic Field Strength:**	47718.000 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.968 °
Location Lat / Long:	N 32° 16' 9.69546", W 103° 48' 1.31713"	**Declination Date:**	February 18, 2022
Location Grid N/E Y/X:	N 462135.190 ftUS, E 706067.260 ftUS	**Magnetic Declination Model:**	IFR1
CRS Grid Convergence Angle:	0.2846 °	**North Reference:**	Grid North
Grid Scale Factor:	0.99994017	**Grid Convergence Used:**	0.2800 °
Version / Patch:	2.10.829.1	**Total Corr Mag North->Grid North:**	6.5400 °
		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	462135.19	706067.26	N 32 16 9.70	W 103 48 1.32
SHL	24.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	462135.19	706067.26	N 32 16 9.70	W 103 48 1.32
First Gyro Survey	95.00	0.83	218.12	95.00	-0.41	-0.40	-0.32	1.17	0.51	218.12	462134.79	706066.94	N 32 16 9.69	W 103 48 1.32
	124.80	0.77	233.32	124.79	-0.70	-0.69	-0.61	0.74	0.92	221.37	462134.50	706066.65	N 32 16 9.69	W 103 48 1.32
	154.60	0.56	219.96	154.59	-0.93	-0.93	-0.87	0.87	1.27	223.09	462134.26	706066.39	N 32 16 9.69	W 103 48 1.33
	185.00	0.47	207.41	184.99	-1.15	-1.15	-1.02	0.47	1.54	221.53	462134.04	706066.24	N 32 16 9.68	W 103 48 1.33
	214.00	0.43	204.37	213.99	-1.36	-1.35	-1.12	0.16	1.76	219.53	462133.84	706066.14	N 32 16 9.68	W 103 48 1.33
	242.90	0.44	208.08	242.89	-1.56	-1.55	-1.21	0.10	1.97	218.07	462133.64	706066.05	N 32 16 9.68	W 103 48 1.33
	274.40	0.40	205.81	274.39	-1.76	-1.76	-1.32	0.14	2.20	216.91	462133.43	706065.94	N 32 16 9.68	W 103 48 1.33
	305.90	0.32	195.01	305.89	-1.95	-1.94	-1.39	0.33	2.39	215.62	462133.25	706065.87	N 32 16 9.68	W 103 48 1.33
	337.40	0.27	183.34	337.39	-2.11	-2.10	-1.42	0.25	2.53	214.02	462133.09	706065.84	N 32 16 9.67	W 103 48 1.33
	368.90	0.28	172.70	368.89	-2.26	-2.25	-1.41	0.16	2.66	212.11	462132.94	706065.85	N 32 16 9.67	W 103 48 1.33
	400.40	0.22	165.36	400.39	-2.39	-2.39	-1.39	0.22	2.76	210.18	462132.80	706065.87	N 32 16 9.67	W 103 48 1.33
	431.90	0.17	127.87	431.89	-2.48	-2.47	-1.33	0.43	2.81	208.36	462132.72	706065.93	N 32 16 9.67	W 103 48 1.33
Last Gyro Survey	445.30	0.18	138.55	445.29	-2.51	-2.50	-1.31	0.25	2.82	207.56	462132.69	706065.95	N 32 16 9.67	W 103 48 1.33
First SLB MWD Survey	615.00	0.21	250.59	614.99	-2.81	-2.80	-1.42	0.19	3.14	206.89	462132.39	706065.84	N 32 16 9.67	W 103 48 1.33
	708.00	0.19	71.12	707.99	-2.82	-2.81	-1.44	0.43	3.16	207.08	462132.38	706065.82	N 32 16 9.67	W 103 48 1.33
	803.00	0.13	329.90	802.99	-2.67	-2.67	-1.34	0.26	2.98	206.72	462132.52	706065.92	N 32 16 9.67	W 103 48 1.33
	897.00	0.19	205.17	896.99	-2.72	-2.71	-1.46	0.30	3.08	208.30	462132.48	706065.80	N 32 16 9.67	W 103 48 1.33
	991.00	0.14	122.99	990.99	-2.92	-2.92	-1.43	0.23	3.25	206.13	462132.27	706065.83	N 32 16 9.67	W 103 48 1.33
	1086.00	0.09	332.05	1085.99	-2.92	-2.92	-1.37	0.23	3.22	205.15	462132.27	706065.89	N 32 16 9.67	W 103 48 1.33
	1180.00	0.09	357.01	1179.99	-2.78	-2.78	-1.41	0.04	3.11	206.88	462132.41	706065.85	N 32 16 9.67	W 103 48 1.33
	1272.00	0.14	45.35	1271.99	-2.63	-2.63	-1.33	0.11	2.94	206.89	462132.56	706065.93	N 32 16 9.67	W 103 48 1.33
	1365.00	0.13	275.56	1364.99	-2.54	-2.54	-1.36	0.26	2.88	208.13	462132.65	706065.90	N 32 16 9.67	W 103 48 1.33
	1454.00	0.12	158.05	1453.98	-2.62	-2.61	-1.42	0.24	2.97	208.55	462132.58	706065.84	N 32 16 9.67	W 103 48 1.33
	1549.00	0.10	185.27	1548.98	-2.79	-2.79	-1.39	0.06	3.12	206.53	462132.40	706065.87	N 32 16 9.67	W 103 48 1.33
	1644.00	0.12	100.64	1643.98	-2.89	-2.89	-1.30	0.16	3.17	204.26	462132.30	706065.96	N 32 16 9.67	W 103 48 1.33
	1739.00	0.11	256.11	1738.98	-2.93	-2.93	-1.29	0.24	3.20	203.81	462132.26	706065.97	N 32 16 9.67	W 103 48 1.33
	1834.00	0.08	43.34	1833.98	-2.91	-2.90	-1.34	0.19	3.19	204.71	462132.29	706065.92	N 32 16 9.67	W 103 48 1.33
	1929.00	0.15	358.85	1928.98	-2.74	-2.73	-1.29	0.11	3.02	205.34	462132.46	706065.97	N 32 16 9.67	W 103 48 1.33
	2024.00	0.13	294.48	2023.98	-2.57	-2.56	-1.39	0.16	2.91	208.55	462132.63	706065.87	N 32 16 9.67	W 103 48 1.33
	2118.00	0.06	330.03	2117.98	-2.48	-2.47	-1.51	0.09	2.90	211.48	462132.72	706065.75	N 32 16 9.67	W 103 48 1.33
	2213.00	0.14	53.67	2212.98	-2.37	-2.36	-1.45	0.15	2.77	211.48	462132.83	706065.81	N 32 16 9.67	W 103 48 1.33
	2308.00	0.08	65.45	2307.98	-2.27	-2.27	-1.29	0.07	2.61	209.70	462132.92	706065.97	N 32 16 9.67	W 103 48 1.33
	2402.00	0.17	194.76	2401.98	-2.38	-2.37	-1.27	0.24	2.69	208.12	462132.82	706065.99	N 32 16 9.67	W 103 48 1.33
	2497.00	0.13	5.65	2496.98	-2.41	-2.40	-1.29	0.31	2.73	208.30	462132.79	706065.97	N 32 16 9.67	W 103 48 1.33
	2592.00	0.15	7.03	2591.98	-2.18	-2.17	-1.27	0.02	2.51	210.27	462133.02	706065.99	N 32 16 9.67	W 103 48 1.33
	2686.00	0.14	209.27	2685.98	-2.16	-2.15	-1.31	0.30	2.52	211.33	462133.04	706065.95	N 32 16 9.67	W 103 48 1.33
	2781.00	0.13	311.91	2780.98	-2.19	-2.18	-1.45	0.22	2.61	213.56	462133.01	706065.81	N 32 16 9.67	W 103 48 1.33
	2876.00	0.14	165.83	2875.98	-2.23	-2.22	-1.50	0.27	2.68	214.01	462132.97	706065.76	N 32 16 9.67	W 103 48 1.33
	2971.00	0.19	124.76	2970.98	-2.43	-2.42	-1.34	0.13	2.77	208.95	462132.77	706065.92	N 32 16 9.67	W 103 48 1.33
	3066.00	0.15	323.90	3065.98	-2.42	-2.41	-1.28	0.35	2.73	208.02	462132.78	706065.98	N 32 16 9.67	W 103 48 1.33
	3161.00	0.11	282.31	3160.98	-2.30	-2.29	-1.45	0.10	2.71	212.25	462132.90	706065.81	N 32 16 9.67	W 103 48 1.33
	3255.00	0.13	74.87	3254.98	-2.25	-2.24	-1.43	0.25	2.66	212.52	462132.95	706065.83	N 32 16 9.67	W 103 48 1.33
	3350.00	0.44	174.29	3349.98	-2.58	-2.58	-1.29	0.50	2.88	206.58	462132.61	706065.97	N 32 16 9.67	W 103 48 1.33
	3444.00	1.20	173.41	3443.97	-3.92	-3.92	-1.14	0.81	4.08	196.25	462131.27	706066.12	N 32 16 9.66	W 103 48 1.33
	3539.00	2.21	188.14	3538.93	-6.72	-6.72	-1.29	1.15	6.84	190.84	462128.47	706065.97	N 32 16 9.63	W 103 48 1.33
	3634.00	3.32	198.44	3633.82	-11.15	-11.14	-2.42	1.28	11.40	192.24	462124.05	706064.84	N 32 16 9.59	W 103 48 1.35
	3728.00	4.30	200.25	3727.61	-17.05	-17.03	-4.50	1.05	17.61	194.79	462118.16	706062.76	N 32 16 9.53	W 103 48 1.37
	3823.00	5.56	206.78	3822.25	-24.51	-24.48	-7.80	1.45	25.69	197.68	462110.71	706059.46	N 32 16 9.45	W 103 48 1.41
	3918.00	5.78	206.11	3916.79	-32.94	-32.88	-11.98	0.24	35.00	200.02	462102.31	706055.28	N 32 16 9.37	W 103 48 1.46
	4013.00	5.45	205.82	4011.33	-41.31	-41.24	-16.05	0.35	44.25	201.27	462093.95	706051.21	N 32 16 9.29	W 103 48 1.51
	4107.00	5.66	206.33	4104.89	-49.50	-49.41	-20.05	0.23	53.33	202.09	462085.78	706047.21	N 32 16 9.21	W 103 48 1.55
	4112.00	5.63	204.90	4109.87	-49.95	-49.86	-20.27	2.88	53.82	202.12	462085.34	706047.00	N 32 16 9.20	W 103 48 1.56
	4265.00	5.65	205.00	4262.13	-63.61	-63.49	-26.61	0.01	68.84	202.74	462071.70	706040.65	N 32 16 9.07	W 103 48 1.63
	4360.00	5.61	204.67	4356.67	-72.09	-71.95	-30.52	0.05	78.15	202.99	462063.25	706036.74	N 32 16 8.99	W 103 48 1.68
	4455.00	5.72	200.26	4451.21	-80.76	-80.61	-34.10	0.47	87.52	202.93	462054.59	706033.16	N 32 16 8.90	W 103 48 1.72
	4550.00	5.62	182.45	4545.75	-89.86	-89.70	-35.94	1.85	96.63	201.83	462045.50	706031.32	N 32 16 8.81	W 103 48 1.74
	4645.00	6.13	159.26	4640.26	-99.25	-99.09	-34.34	2.54	104.87	199.11	462036.11	706032.92	N 32 16 8.72	W 103 48 1.72
	4739.00	5.85	135.43	4733.76	-107.33	-107.20	-29.20	2.64	111.10	195.24	462028.00	706038.06	N 32 16 8.64	W 103 48 1.66
	4834.00	5.09	116.36	4828.34	-112.62	-112.52	-22.03	2.06	114.65	191.08	462022.68	706045.23	N 32 16 8.58	W 103 48 1.58
	4929.00	4.57	108.90	4923.00	-115.68	-115.62	-14.67	0.86	116.54	187.23	462019.58	706052.59	N 32 16 8.55	W 103 48 1.49
	5024.00	3.53	98.97	5017.76	-117.33	-117.30	-8.20	1.32	117.58	184.00	462017.90	706059.06	N 32 16 8.54	W 103 48 1.42
	5119.00	2.51	84.03	5112.63	-117.55	-117.54	-3.24	1.35	117.58	181.58	462017.66	706064.02	N 32 16 8.53	W 103 48 1.36
	5213.00	1.91	58.89	5206.56	-116.51	-116.51	0.15	1.20	116.51	179.93	462018.68	706067.41	N 32 16 8.54	W 103 48 1.32
	5308.00	0.13	264.30	5301.55	-115.70	-115.71	1.39	2.13	115.71	179.31	462019.49	706068.65	N 32 16 8.55	W 103 48 1.31
	5403.00	0.07	234.02	5396.55	-115.74	-115.75	1.24	0.08	115.76	179.39	462019.45	706068.50	N 32 16 8.55	W 103 48 1.31
	5498.00	0.11	225.20	5491.55	-115.84	-115.85	1.13	0.04	115.85	179.44	462019.35	706068.39	N 32 16 8.55	W 103 48 1.31
	5593.00	0.06	231.40	5586.55	-115.94	-115.94	1.03	0.05	115.95	179.49	462019.25	706068.29	N 32 16 8.55	W 103 48 1.31
	5688.00	0.11	278.55	5681.55	-115.96	-115.96	0.90	0.09	115.97	179.56	462019.24	706068.16	N 32 16 8.55	W 103 48 1.31
	5783.00	0.07	324.11	5776.55	-115.90	-115.90	0.77	0.08	115.90	179.62	462019.30	706068.03	N 32 16 8.55	W 103 48 1.31
	5877.00	0.05	102.70	5870.55	-115.86	-115.86	0.78	0.12	115.87	179.62	462019.33	706068.04	N 32 16 8.55	W 103 48 1.31
	5972.00	0.06	50.56	5965.55	-115.84	-115.84	0.86	0.05	115.84	179.58	462019.36	706068.12	N 32 16 8.55	W 103 48 1.31
	6067.00	0.06	76.23	6060.55	-115.79	-115.80	0.94	0.03	115.80	179.53	462019.40	706068.20	N 32 16 8.55	W 103 48 1.31
Tie-In to OH	6162.00	0.04	246.34	6155.55	-115.79	-115.80	0.96	0.10	115.80	179.52	462019.40	706068.22	N 32 16 8.55	W 103 48 1.31
	6219.00	2.67	87.35	6212.53	-115.73	-115.75	2.27	4.75	115.77	178.88	462019.45	706069.53	N 32 16 8.55	W 103 48 1.30
	6239.00	3.99	91.65	6232.49	-115.73	-115.74	3.43	6.71	115.80	178.30	462019.45	706070.69	N 32 16 8.55	W 103 48 1.28
	6314.00	8.16	102.35	6307.06	-116.91	-116.96	11.24	5.74	117.50	174.51	462018.24	706078.50	N 32 16 8.54	W 103 48 1.19
	6346.00	8.69	104.91	6338.71	-117.99	-118.07	15.80	2.03	119.12	172.38	462017.13	706083.06	N 32 16 8.53	W 103 48 1.14
	6373.00	9.44	106.43	6365.37	-119.13	-119.22	19.89	2.92	120.87	170.53	462015.98	706087.15	N 32 16 8.51	W 103 48 1.09
	6467.00	7.07	114.85	6458.40	-123.68	-123.83	32.54	2.82	128.03	165.28	462011.37	706099.80	N 32 16 8.47	W 103 48 0.95
	6562.00	2.12	137.63	6553.07	-127.41	-127.59	39.03	5.45	133.42	162.99	462007.61	706106.29	N 32 16 8.43	W 103 48 0.87
	6657.00	0.34	121.19	6648.04	-128.85	-129.03	40.46	1.89	135.23	162.59	462006.17	706107.71	N 32 16 8.42	W 103 48 0.85
	6752.00	0.13	119.97	6743.04	-129.04	-129.23	40.79	0.22	135.52	162.48	462005.97	706108.05	N 32 16 8.41	W 103 48 0.85
	6847.00	0.35	25.18	6838.04	-128.83	-129.02	41.01	0.40	135.38	162.37	462006.18	706108.27	N 32 16 8.42	W 103 48 0.85
	6942.00	0.93	196.58	6933.04	-129.31	-129.50	40.91	1.34	135.81	162.47	462005.70	706108.17	N 32 16 8.41	W 103 48 0.85
	7036.00	4.01	195.91	7026.94	-133.21	-133.39	39.79	3.28	139.20	163.39	462001.81	706107.05	N 32 16 8.37	W 103 48 0.86
	7131.00	5.43	194.99	7121.61	-140.75	-140.93	37.72	1.50	145.89	165.02	461994.27	706104.98	N 32 16 8.30	W 103 48 0.89
	7226.00	3.42	188.88	7216.33	-147.90	-148.07	36.12	2.17	152.41	166.29	461987.13	706103.38	N 32 16 8.23	W 103 48 0.91
	7320.00	4.52	179.41	7310.10	-154.38	-154.55	35.72	1.36	158.62	166.98	461980.65	706102.98	N 32 16 8.16	W 103 48 0.91
	7415.00	5.57	175.59	7404.73	-162.72	-162.89	36.12	1.16	166.84	167.50	461972.31	706103.37	N 32 16 8.08	W 103 48 0.91
	7605.00	6.22	175.62	7593.73	-182.17	-182.34	37.61	0.34	186.18	168.34	461952.86	706104.87	N 32 16 7.89	W 103 48 0.89
	7699.00	6.09	175.14	7687.18	-192.21	-192.39	38.42	0.15	196.19	168.71	461942.81	706105.68	N 32 16 7.79	W 103 48 0.88
	7794.00	5.34	174.35	7781.71	-201.63	-201.81	39.29	0.79	205.60	168.98	461933.39	706106.54	N 32 16 7.70	W 103 48 0.87
	7889.00	5.72	171.24	7876.27	-210.70	-210.89	40.44	0.51	214.73	169.14	461924.32	706107.70	N 32 16 7.61	W 103 48 0.86
	7984.00	5.92	170.66	7970.78	-220.21	-220.40	41.96	0.22	224.36	169.22	461914.80	706109.22	N 32 16 7.51	W 103 48 0.84
	8079.00	6.03	168.51	8065.26	-229.92	-230.12	43.75	0.26	234.24	169.24	461905.08	706111.00	N 32 16 7.42	W 103 48 0.82
	8174.00	5.93	163.57	8159.75	-239.51	-239.72	46.13	0.55	244.12	169.11	461895.48	706113.39	N 32 16 7.32	W 103 48 0.79
	8269.00	6.13	154.46	8254.22	-248.77	-249.00	49.70	1.03	253.92	168.71	461886.20	706116.96	N 32 16 7.23	W 103 48 0.75
	8364.00	5.96	158.60	8348.70	-257.92	-258.17	53.69	0.49	263.70	168.25	461877.03	706120.95	N 32 16 7.14	W 103 48 0.71

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 ° ' ")
	8458.00	6.12	166.05	8442.18	-267.32	-267.58	56.68	0.85	273.52	168.04	461867.63	706123.94	N 32 16 7.04	W 103 48 0.67
	8553.00	7.99	163.70	8536.45	-278.56	-278.83	59.75	1.99	285.16	167.90	461856.37	706127.01	N 32 16 6.93	W 103 48 0.64
	8648.00	8.04	167.93	8630.52	-291.38	-291.67	63.00	0.62	298.39	167.81	461843.54	706130.25	N 32 16 6.81	W 103 48 0.60
	8743.00	7.95	169.26	8724.60	-304.31	-304.62	65.61	0.22	311.60	167.85	461830.59	706132.87	N 32 16 6.68	W 103 48 0.57
	8837.00	7.87	177.38	8817.71	-317.12	-317.43	67.11	1.19	324.45	168.06	461817.78	706134.37	N 32 16 6.55	W 103 48 0.55
	8932.00	8.85	181.57	8911.70	-330.93	-331.24	67.21	1.21	337.99	168.53	461803.97	706134.47	N 32 16 6.41	W 103 48 0.55
	9027.00	11.71	180.39	9005.17	-347.88	-348.19	66.95	3.02	354.56	169.12	461787.03	706134.20	N 32 16 6.25	W 103 48 0.56
	9121.00	13.89	182.62	9096.82	-368.69	-369.00	66.37	2.38	374.92	169.80	461766.22	706133.62	N 32 16 6.04	W 103 48 0.57
	9216.00	13.48	185.34	9189.13	-391.11	-391.41	64.81	0.80	396.74	170.60	461743.80	706132.07	N 32 16 5.82	W 103 48 0.58
	9311.00	13.46	182.58	9281.52	-413.19	-413.48	63.29	0.68	418.30	171.30	461721.73	706130.54	N 32 16 5.60	W 103 48 0.60
	9405.00	13.30	177.79	9372.97	-434.92	-435.22	63.21	1.19	439.78	171.74	461700.00	706130.47	N 32 16 5.39	W 103 48 0.61
	9500.00	13.31	176.23	9465.42	-456.75	-457.05	64.35	0.38	461.56	171.99	461678.17	706131.61	N 32 16 5.17	W 103 48 0.59
	9595.00	14.23	179.14	9557.69	-479.33	-479.64	65.24	1.21	484.05	172.25	461655.58	706132.50	N 32 16 4.95	W 103 48 0.59
	9690.00	15.32	172.26	9649.55	-503.44	-503.75	67.11	2.17	508.20	172.41	461631.47	706134.37	N 32 16 4.71	W 103 48 0.56
	9785.00	15.54	172.86	9741.13	-528.48	-528.81	70.38	0.29	533.47	172.42	461606.41	706137.64	N 32 16 4.46	W 103 48 0.53
	9879.00	17.52	172.21	9831.24	-554.98	-555.33	73.87	2.12	560.22	172.42	461579.90	706141.12	N 32 16 4.20	W 103 48 0.49
	9974.00	17.30	171.29	9921.89	-583.09	-583.46	77.94	0.37	588.64	172.39	461551.77	706145.20	N 32 16 3.92	W 103 48 0.44
	10069.00	17.29	172.67	10012.59	-611.04	-611.42	81.88	0.43	616.88	172.37	461523.81	706149.14	N 32 16 3.64	W 103 48 0.40
	10164.00	17.44	171.65	10103.26	-639.11	-639.51	85.75	0.36	645.23	172.36	461495.72	706153.01	N 32 16 3.36	W 103 48 0.36
	10253.00	18.97	173.96	10187.81	-666.68	-667.09	89.21	1.90	673.03	172.38	461468.14	706156.46	N 32 16 3.09	W 103 48 0.32
	10282.00	19.38	173.15	10215.20	-676.14	-676.56	90.28	1.69	682.55	172.40	461458.68	706157.53	N 32 16 3.00	W 103 48 0.30
Actual KOP	*10291.10*	*17.81*	*172.17*	*10223.82*	*-679.01*	*-679.43*	*90.65*	*17.64*	*685.45*	*172.40*	*461455.80*	*706157.90*	*N 32 16 2.97*	*W 103 48 0.30*
	10376.00	4.33	128.36	10307.04	-693.93	-694.37	94.96	17.64	700.83	172.21	461440.87	706162.21	N 32 16 2.82	W 103 48 0.25
	10472.00	4.18	319.75	10402.95	-693.50	-693.95	95.54	8.82	700.49	172.16	461441.29	706162.79	N 32 16 2.82	W 103 48 0.24
	10566.00	13.62	339.26	10495.73	-680.53	-680.95	89.39	10.40	686.79	172.52	461454.28	706156.64	N 32 16 2.95	W 103 48 0.32
	10661.00	18.32	345.62	10587.04	-655.63	-656.01	81.72	5.27	661.08	172.90	461479.22	706148.97	N 32 16 3.20	W 103 48 0.40
	10756.00	25.81	359.01	10675.08	-620.44	-620.80	77.64	9.45	625.63	172.87	461514.43	706144.90	N 32 16 3.55	W 103 48 0.45
	10851.00	37.31	8.05	10755.94	-571.04	-571.42	81.33	13.06	577.18	171.90	461563.81	706148.59	N 32 16 4.04	W 103 48 0.40
Bone Spring 3rd Intersection	*10890.25*	*39.94*	*6.10*	*10786.60*	*-546.72*	*-547.11*	*84.34*	*7.39*	*553.57*	*171.24*	*461588.12*	*706151.59*	*N 32 16 4.28*	*W 103 48 0.37*
	10946.00	43.73	3.67	10828.13	-509.66	-510.07	87.47	7.39	517.51	170.27	461625.15	706154.73	N 32 16 4.64	W 103 48 0.33
	11040.00	54.04	1.82	10889.86	-439.01	-439.43	90.77	11.07	448.70	168.33	461695.79	706158.02	N 32 16 5.34	W 103 48 0.29
	11135.00	62.46	2.60	10939.81	-358.34	-358.78	93.91	8.89	370.86	165.33	461776.43	706161.16	N 32 16 6.14	W 103 48 0.24
100' FSL Crossing	*11167.00*	*64.85*	*2.35*	*10954.01*	*-329.69*	*-330.13*	*95.15*	*7.52*	*343.57*	*163.92*	*461805.08*	*706162.40*	*N 32 16 6.42*	*W 103 48 0.23*
	11230.00	69.57	1.89	10978.40	-271.66	-272.10	97.29	7.52	288.97	160.33	461863.10	706164.54	N 32 16 7.00	W 103 48 0.20
	11325.00	77.07	1.56	11005.65	-180.75	-181.21	100.02	7.90	206.98	151.10	461953.99	706167.28	N 32 16 7.90	W 103 48 0.16
	11420.00	83.85	358.41	11021.39	-87.13	-87.59	99.97	7.85	132.91	131.22	462047.61	706167.23	N 32 16 8.82	W 103 48 0.16
	11514.00	89.83	359.67	11026.57	6.66	6.21	98.40	6.50	98.60	86.39	462141.40	706165.66	N 32 16 9.75	W 103 48 0.17
	11629.00	90.80	357.81	11025.94	121.61	121.18	95.87	1.82	154.52	38.35	462256.36	706163.13	N 32 16 10.89	W 103 48 0.19
	11724.00	90.02	358.61	11025.26	216.55	216.13	92.91	1.18	235.25	23.26	462351.30	706160.16	N 32 16 11.83	W 103 48 0.22
	11819.00	90.15	0.66	11025.12	311.54	311.12	92.30	2.16	324.52	16.52	462446.29	706159.56	N 32 16 12.77	W 103 48 0.22
	11914.00	89.90	2.03	11025.07	406.52	406.09	94.53	1.47	416.95	13.10	462541.25	706161.79	N 32 16 13.71	W 103 48 0.19
	12008.00	90.21	2.42	11024.98	500.46	500.02	98.18	0.53	509.57	11.11	462635.18	706165.44	N 32 16 14.64	W 103 48 0.14
	12103.00	90.67	2.32	11024.25	595.39	594.93	102.11	0.50	603.63	9.74	462730.09	706169.36	N 32 16 15.58	W 103 48 0.09
	12198.00	90.63	2.81	11023.18	690.31	689.83	106.36	0.52	697.98	8.77	462824.98	706173.61	N 32 16 16.52	W 103 48 0.04
	12293.00	90.19	2.99	11022.50	785.21	784.71	111.17	0.50	792.54	8.06	462919.85	706178.42	N 32 16 17.45	W 103 47 59.98
	12388.00	90.02	2.68	11022.32	880.11	879.59	115.87	0.37	887.19	7.50	463014.73	706183.12	N 32 16 18.39	W 103 47 59.92
	12483.00	90.02	1.60	11022.29	975.06	974.52	119.41	1.14	981.81	6.99	463109.65	706186.67	N 32 16 19.33	W 103 47 59.87
	12577.00	89.31	1.01	11022.84	1069.04	1068.50	121.55	0.98	1075.39	6.49	463203.62	706188.81	N 32 16 20.26	W 103 47 59.84
	12672.00	90.01	359.73	11023.40	1164.04	1163.49	122.17	1.54	1169.89	5.99	463298.61	706189.42	N 32 16 21.20	W 103 47 59.83
	12767.00	91.20	0.96	11022.40	1259.03	1258.48	122.74	1.80	1264.45	5.57	463393.59	706189.99	N 32 16 22.14	W 103 47 59.81
	12860.00	90.45	359.95	11021.06	1352.02	1351.47	123.48	1.35	1357.10	5.22	463486.57	706190.73	N 32 16 23.06	W 103 47 59.80
	12955.00	90.29	357.95	11020.45	1446.98	1446.44	121.74	2.11	1451.56	4.81	463581.54	706188.99	N 32 16 24.00	W 103 47 59.82
	13049.00	90.31	358.41	11019.95	1540.92	1540.39	118.75	0.49	1544.96	4.41	463675.49	706186.00	N 32 16 24.93	W 103 47 59.84
	13142.00	90.48	359.13	11019.31	1633.89	1633.37	116.76	0.80	1637.54	4.09	463768.46	706184.01	N 32 16 25.85	W 103 47 59.86
	13234.00	90.45	359.13	11018.57	1725.87	1725.36	115.36	0.03	1729.21	3.83	463860.44	706182.61	N 32 16 26.76	W 103 47 59.87
	13328.00	90.52	359.05	11017.77	1819.84	1819.34	113.87	0.11	1822.90	3.58	463954.42	706181.12	N 32 16 27.69	W 103 47 59.89
	13420.00	90.42	359.31	11017.02	1911.82	1911.33	112.55	0.30	1914.64	3.37	464046.40	706179.80	N 32 16 28.60	W 103 47 59.90
	13513.00	90.57	359.54	11016.21	2004.81	2004.32	111.62	0.30	2007.43	3.19	464139.39	706178.87	N 32 16 29.52	W 103 47 59.90
	13608.00	89.95	358.64	11015.78	2099.79	2099.31	110.11	1.15	2102.19	3.00	464234.37	706177.36	N 32 16 30.46	W 103 47 59.91
	13702.00	89.92	357.77	11015.89	2193.73	2193.26	107.16	0.93	2195.88	2.80	464328.31	706174.42	N 32 16 31.39	W 103 47 59.94
	13797.00	90.32	358.16	11015.69	2288.65	2288.20	103.79	0.59	2290.55	2.60	464423.25	706171.04	N 32 16 32.33	W 103 47 59.98
	13892.00	89.84	358.47	11015.56	2383.59	2383.16	101.00	0.60	2385.30	2.43	464518.20	706168.25	N 32 16 33.27	W 103 48 0.00
	13987.00	89.19	359.30	11016.36	2478.56	2478.13	99.15	1.11	2480.12	2.29	464613.17	706166.40	N 32 16 34.21	W 103 48 0.02
	14082.00	89.33	359.07	11017.59	2573.54	2573.12	97.80	0.28	2574.97	2.18	464708.15	706165.05	N 32 16 35.15	W 103 48 0.03
	14177.00	89.77	359.44	11018.33	2668.52	2668.10	96.56	0.61	2669.85	2.07	464803.13	706163.82	N 32 16 36.09	W 103 48 0.04
	14272.00	90.20	359.56	11018.36	2763.51	2763.10	95.73	0.47	2764.76	1.98	464898.12	706162.99	N 32 16 37.03	W 103 48 0.04
	14366.00	88.47	358.44	11019.45	2857.48	2857.08	94.09	2.19	2858.62	1.89	464992.09	706161.35	N 32 16 37.96	W 103 48 0.06
	14461.00	90.88	359.12	11019.99	2952.43	2952.04	92.07	2.64	2953.48	1.79	465087.05	706159.32	N 32 16 38.90	W 103 48 0.07
	14556.00	90.59	359.58	11018.77	3047.41	3047.03	90.99	0.57	3048.39	1.71	465182.03	706158.25	N 32 16 39.84	W 103 48 0.08
	14651.00	88.54	358.79	11019.49	3142.39	3142.01	89.64	2.31	3143.29	1.63	465277.01	706156.90	N 32 16 40.78	W 103 48 0.09
	14746.00	89.31	358.86	11021.27	3237.34	3236.97	87.69	0.81	3238.16	1.55	465371.96	706154.95	N 32 16 41.72	W 103 48 0.11
	14840.00	89.16	358.51	11022.53	3331.30	3330.94	85.54	0.41	3332.04	1.47	465465.93	706152.79	N 32 16 42.65	W 103 48 0.13
	15030.00	89.30	358.15	11025.08	3521.17	3520.84	80.00	0.20	3521.75	1.30	465655.82	706147.25	N 32 16 44.53	W 103 48 0.18
	15219.00	90.45	357.44	11025.49	3709.99	3709.70	72.73	0.72	3710.41	1.12	465844.66	706139.98	N 32 16 46.40	W 103 48 0.26
	15314.00	90.15	356.21	11025.00	3804.82	3804.55	67.47	1.33	3805.15	1.02	465939.50	706134.72	N 32 16 47.34	W 103 48 0.31
	15409.00	89.71	356.86	11025.11	3899.62	3899.38	61.72	0.83	3899.86	0.91	466034.32	706128.98	N 32 16 48.28	W 103 48 0.37
Exit Target Box	*15503.00*	*89.36*	*356.79*	*11025.87*	*3993.44*	*3993.23*	*56.52*	*0.38*	*3993.63*	*0.81*	*466128.17*	*706123.78*	*N 32 16 49.21*	*W 103 48 0.43*
	15504.00	89.36	356.79	11025.88	3994.44	3994.23	56.46	0.38	3994.63	0.81	466129.17	706123.72	N 32 16 49.22	W 103 48 0.43
	15599.00	92.75	358.94	11024.14	4089.32	4089.12	52.92	4.23	4089.47	0.74	466224.06	706120.18	N 32 16 50.15	W 103 48 0.46
	15694.00	92.83	359.33	11019.51	4184.19	4184.00	51.49	0.42	4184.32	0.71	466318.93	706118.75	N 32 16 51.09	W 103 48 0.48
	15789.00	91.58	359.46	11015.86	4279.11	4278.92	50.49	1.32	4279.22	0.68	466413.85	706117.75	N 32 16 52.03	W 103 48 0.48
	15884.00	90.52	0.46	11014.12	4374.09	4373.90	50.42	1.53	4374.20	0.66	466508.82	706117.68	N 32 16 52.97	W 103 48 0.48
	15978.00	90.65	360.00	11013.16	4468.08	4467.90	50.80	0.51	4468.19	0.65	466602.81	706118.06	N 32 16 53.90	W 103 48 0.47
	16073.00	89.86	357.67	11012.73	4563.05	4562.87	48.87	2.59	4563.13	0.61	466697.78	706116.13	N 32 16 54.84	W 103 48 0.48
	16168.00	89.89	0.60	11012.94	4658.02	4657.85	47.44	3.08	4658.09	0.58	466792.75	706114.69	N 32 16 55.78	W 103 48 0.50
	16263.00	89.63	0.93	11013.34	4753.01	4752.84	48.70	0.44	4753.09	0.59	466887.74	706115.96	N 32 16 56.72	W 103 48 0.47
	16358.00	89.29	0.38	11014.23	4848.01	4847.83	49.79	0.68	4848.08	0.59	466982.72	706117.05	N 32 16 57.66	W 103 48 0.46
Enter Target Box	*16413.00*	*89.31*	*2.24*	*11014.90*	*4902.99*	*4902.81*	*51.05*	*3.39*	*4903.07*	*0.60*	*467037.70*	*706118.31*	*N 32 16 58.21*	*W 103 48 0.44*
	16453.00	89.33	3.60	11015.38	4942.94	4942.75	53.09	3.39	4943.04	0.62	467077.64	706120.34	N 32 16 58.60	W 103 48 0.41
	16547.00	89.19	4.53	11016.59	5036.73	5036.51	59.75	1.00	5036.86	0.68	467171.39	706127.01	N 32 16 59.53	W 103 48 0.33
	16642.00	89.39	4.44	11017.77	5131.46	5131.21	67.18	0.23	5131.65	0.75	467266.08	706134.43	N 32 17 0.47	W 103 48 0.24
	16737.00	89.57	3.40	11018.63	5226.26	5225.98	73.67	1.11	5226.50	0.81	467360.85	706140.93	N 32 17 1.40	W 103 48 0.16
	16832.00	89.99	2.76	11019.00	5321.15	5320.84	78.78	0.81	5321.43	0.85	467455.70	706146.03	N 32 17 2.34	W 103 48 0.09
	17022.00	89.90	3.82	11019.18	5510.88	5510.53	89.68	0.56	5511.26	0.93	467645.38	706156.94	N 32 17 4.22	W 103 47 59.95
	17117.00	89.78	3.02	11019.44	5605.73	5605.36	95.35	0.85	5606.17	0.97	467740.20	706162.60	N 32 17 5.16	W 103 47 59.88
	17212.00	90.18	3.29	11019.48	5700.61	5700.21	100.58	0.51	5701.10	1.01	467835.05	706167.83	N 32 17 6.09	W 103 47 59.82
	17307.00	89.03	2.66	11020.13	5795.50	5795.08	105.51	1.38	5796.04	1.04	467929.91	706172.76	N 32 17 7.03	W 103 47 59.75
	17402.00	91.00	2.30	11020.11	5890.43	5889.99	109.62	2.11	5891.01	1.07	468024.81	706176.87	N 32 17 7.97	W 103 47 59.70
	17496.00	91.07	3.44	11018.41	5984.31	5983.85	114.32	1.21	5984.94	1.09	468118.67	706181.58	N 32 17 8.90	W 103 47 59.64
	17591.00	90.62	3.13	11017.01	6079.17	6078.68	119.77	0.58	6079.86	1.13	468213.50	706187.02	N 32 17 9.84	W 103 47 59.57
	17686.00	91.04	3.42	11015.63	6174.03	6173.52	125.19	0.54	6174.79	1.16	468308.33	706192.45	N 32 17 10.78	W 103 47 59.50
	17781.00	91.45	4.97	11013.57	6268.78	6268.24	132.14	1.69	6269.63	1.21	468403.04	706199.39	N 32 17 11.71	W 103 47 59.42
	17876.00	90.77	4.36	11011.73	6363.48	6362.91	139.87	0.96	6364.44	1.26	468497.70	706207.12	N 32 17 12.65	W 103 47 59.32
Exit Target Box	*17930.00*	*90.62*	*3.62*	*11011.07*	*6417.36*	*6416.77*	*143.62*	*1.39*	*6418.38*	*1.28*	*468551.56*	*706210.88*	*N 32 17 13.18*	*W 103 47 59.27*
	17970.00	90.51	3.08	11010.68	6457.30	6456.70	145.96	1.39	6458.35	1.30	468591.49	706213.21	N 32 17 13.58	W 103 47 59.24
	18065.00	90.42	356.68	11009.90	6552.24	6551.65	145.76	6.74	6553.27	1.27	468686.43	706213.02	N 32 17 14.52	W 103 47 59.24
Enter Target Box	*18106.00*	*90.42*	*355.70*	*11009.60*	*6593.14*	*6592.55*	*143.04*	*2.39*	*6594.11*	*1.24*	*468727.34*	*706210.29*	*N 32 17 14.92*	*W 103 47 59.27*
	18160.00	90.43	354.41	11009.20	6646.91	6646.35	138.39	2.39	6647.79	1.19	468781.13	706205.64	N 32 17 15.45	W 103 47 59.32
	18255.00	90.40	355.09	11008.51	6741.47	6740.95	129.69	0.72	6742.20	1.10	468875.72	706196.95	N 32 17 16.39	W 103 47 59.42
	18350.00	90.55	357.01	11007.72	6836.21	6835.72	123.15	2.03	6836.83	1.03	468970.48	706190.40	N 32 17 17.33	W 103 47 59.49
	18444.00	90.42	356.81	11006.93	6930.04	6929.58	118.08	0.25	6930.58	0.98	469064.34	706185.34	N 32 17 18.26	W 103 47 59.54
	18539.00	90.13	355.58	11006.47	7024.80	7024.36	111.78	1.33	7025.25	0.91	469159.12	706179.03	N 32 17 19.20	W 103 47 59.61
	18634.00	90.56	355.61	11005.90	7119.48	7119.08	104.48	0.45	7119.85	0.84	469253.83	706171.74	N 32 17 20.13	W 103 47 59.69
	18729.00	90.58	357.25	11004.96	7214.26	7213.89	98.57	1.73	7214.56	0.78	469348.63	706165.82	N 32 17 21.07	W 103 47 59.75
	18824.00	90.18	357.41	11004.33	7309.14	7308.78	94.14	0.45	7309.39	0.74	469443.52	706161.40	N 32 17 22.01	W 103 47 59.80
	18919.00	89.50	356.26	11004.59	7403.96	7403.64	88.90	1.41	7404.17	0.69	469538.37	706156.15	N 32 17 22.95	W 103 47 59.85
	19013.00	89.80	356.19	11005.17	7497.73	7497.43	82.71	0.33	7497.89	0.63	469632.16	706149.96	N 32 17 23.88	W 103 47 59.92
	19108.00	89.89	356.11	11005.42	7592.48	7592.22	76.33	0.13	7592.60	0.58	469726.94	706143.59	N 32 17 24.82	W 103 47 59.99
	19203.00	89.80	355.90	11005.68	7687.22	7686.98	69.71	0.24	7687.30	0.52	469821.70	706136.97	N 32 17 25.75	W 103 48 0.06
	19298.00	90.03	355.79	11005.82	7781.94	7781.73	62.83	0.27	7781.99	0.46	469916.44	706130.08	N 32 17 26.69	W 103 48 0.13
	19393.00	90.77	355.75	11005.16	7876.65	7876.47	55.82	0.78	7876.67	0.41	470011.18	706123.08	N 32 17 27.63	W 103 48 0.21
	19488.00	90.39	355.84	11004.20	7971.35	7971.21	48.86	0.41	7971.36	0.35	470105.91	706116.11	N 32 17 28.57	W 103 48 0.29
	19583.00	90.12	359.08	11003.77	8066.22	8066.10	44.65	3.42	8066.23	0.32	470200.80	706111.90	N 32 17 29.51	W 103 48 0.33
	19677.00	90.62	0.15	11003.17	8160.21	8160.10	44.01	1.26	8160.22	0.31	470294.78	706111.27	N 32 17 30.44	W 103 48 0.33
	19772.00	90.47	359.29	11002.26	8255.21	8255.09	43.55	0.92	8255.21	0.30	470389.77	706110.81	N 32 17 31.38	W 103 48 0.33
	19867.00	90.72	359.46	11001.27	8350.19	8350.08	42.51	0.32	8350.19	0.29	470484.76	706109.77	N 32 17 32.32	W 103 48 0.34
	19962.00	90.70	1.05	11000.10	8445.18	8445.07	42.94	1.67	8445.18	0.29	470579.74	706110.19	N 32 17 33.26	W 103 48 0.33
	20057.00	90.66	1.80	10998.97	8540.15	8540.03	45.30	0.79	8540.15	0.30	470674.70	706112.56	N 32 17 34.20	W 103 48 0.30
	20152.00	90.52	1.88	10997.99	8635.11	8634.98	48.35	0.17	8635.11	0.32	470769.64	706115.61	N 32 17 35.14	W 103 48 0.25
	20247.00	90.48	1.59	10997.16	8730.08	8729.93	51.23	0.31	8730.08	0.34	470864.58	706118.48	N 32 17 36.08	W 103 48 0.22
	20341.00	90.42	1.50	10996.42	8824.05	8823.90	53.76	0.12	8824.06	0.35	470958.54	706121.02	N 32 17 37.00	W 103 48 0.18
	20436.00	90.31	0.25	10995.82	8919.04	8918.88	55.21	1.32	8919.05	0.35	471053.52	706122.47	N 32 17 37.94	W 103 48 0.16

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 ° ' ")
	20531.00	89.80	359.01	10995.73	9014.03	9013.88	54.60	1.41	9014.04	0.35	471148.51	706121.85	N 32 17 38.88	W 103 48 0.16
	20626.00	90.00	358.56	10995.89	9109.00	9108.85	52.58	0.52	9109.01	0.33	471243.48	706119.84	N 32 17 39.82	W 103 48 0.18
	20720.00	90.67	359.71	10995.34	9202.98	9202.84	51.16	1.42	9202.98	0.32	471337.46	706118.42	N 32 17 40.75	W 103 48 0.19
	20815.00	90.62	1.53	10994.27	9297.97	9297.82	52.19	1.92	9297.97	0.32	471432.44	706119.45	N 32 17 41.69	W 103 48 0.17
	20910.00	90.84	1.49	10993.06	9392.94	9392.78	54.69	0.24	9392.94	0.33	471527.39	706121.95	N 32 17 42.63	W 103 48 0.14
	21005.00	90.21	1.35	10992.19	9487.91	9487.75	57.05	0.68	9487.92	0.34	471622.35	706124.31	N 32 17 43.57	W 103 48 0.10
	21100.00	89.76	1.02	10992.22	9582.90	9582.73	59.01	0.59	9582.91	0.35	471717.33	706126.27	N 32 17 44.51	W 103 48 0.07
	21195.00	89.75	1.22	10992.63	9677.89	9677.71	60.87	0.21	9677.90	0.36	471812.30	706128.13	N 32 17 45.45	W 103 48 0.05
	21289.00	89.76	1.27	10993.03	9771.87	9771.69	62.91	0.05	9771.89	0.37	471906.27	706130.17	N 32 17 46.38	W 103 48 0.02
	21384.00	90.01	1.18	10993.22	9866.86	9866.67	64.94	0.28	9866.88	0.38	472001.25	706132.20	N 32 17 47.32	W 103 47 59.99
	21479.00	89.97	1.04	10993.23	9961.85	9961.65	66.78	0.15	9961.87	0.38	472096.22	706134.04	N 32 17 48.26	W 103 47 59.96
	21573.00	90.20	1.09	10993.09	10055.84	10055.63	68.53	0.25	10055.86	0.39	472190.20	706135.79	N 32 17 49.19	W 103 47 59.94
	21668.00	90.48	0.71	10992.53	10150.83	10150.62	70.02	0.50	10150.86	0.40	472285.18	706137.28	N 32 17 50.13	W 103 47 59.91
	21763.00	89.95	0.61	10992.17	10245.83	10245.61	71.12	0.57	10245.86	0.40	472380.17	706138.37	N 32 17 51.07	W 103 47 59.90
	21858.00	90.06	0.69	10992.17	10340.83	10340.60	72.20	0.14	10340.86	0.40	472475.15	706139.45	N 32 17 52.01	W 103 47 59.88
	21953.00	89.89	0.75	10992.21	10435.82	10435.60	73.39	0.19	10435.85	0.40	472570.14	706140.64	N 32 17 52.95	W 103 47 59.86
	22048.00	89.49	0.60	10992.72	10530.82	10530.59	74.51	0.45	10530.85	0.41	472665.13	706141.76	N 32 17 53.89	W 103 47 59.84
	22143.00	89.71	0.36	10993.39	10625.82	10625.58	75.30	0.34	10625.85	0.41	472760.12	706142.56	N 32 17 54.83	W 103 47 59.82
	22238.00	89.77	0.35	10993.82	10720.81	10720.58	75.89	0.06	10720.85	0.41	472855.11	706143.15	N 32 17 55.77	W 103 47 59.81
	22333.00	89.45	0.56	10994.46	10815.81	10815.57	76.65	0.40	10815.85	0.41	472950.10	706143.90	N 32 17 56.71	W 103 47 59.80
	22427.00	89.76	0.70	10995.11	10909.81	10909.57	77.68	0.36	10909.84	0.41	473044.08	706144.94	N 32 17 57.64	W 103 47 59.78
	22522.00	89.54	1.06	10995.69	11004.80	11004.55	79.14	0.44	11004.84	0.41	473139.06	706146.39	N 32 17 58.58	W 103 47 59.76
	22617.00	89.83	1.00	10996.21	11099.79	11099.54	80.85	0.31	11099.83	0.42	473234.04	706148.10	N 32 17 59.52	W 103 47 59.73
	22712.00	90.15	0.92	10996.23	11194.78	11194.52	82.44	0.35	11194.83	0.42	473329.02	706149.69	N 32 18 0.46	W 103 47 59.71
	22807.00	90.11	1.58	10996.01	11289.77	11289.50	84.51	0.70	11289.82	0.43	473423.99	706151.77	N 32 18 1.40	W 103 47 59.68
	22901.00	90.08	1.84	10995.86	11383.74	11383.46	87.32	0.28	11383.79	0.44	473517.94	706154.57	N 32 18 2.33	W 103 47 59.64
	22996.00	89.99	1.53	10995.80	11478.71	11478.42	90.11	0.34	11478.77	0.45	473612.90	706157.36	N 32 18 3.27	W 103 47 59.60
	23091.00	89.94	1.60	10995.86	11573.68	11573.38	92.70	0.09	11573.75	0.46	473707.85	706159.96	N 32 18 4.21	W 103 47 59.57
	23185.00	89.60	1.43	10996.24	11667.66	11667.35	95.19	0.40	11667.73	0.47	473801.82	706162.44	N 32 18 5.14	W 103 47 59.53
	23280.00	89.52	1.28	10996.97	11762.64	11762.32	97.44	0.18	11762.72	0.47	473896.78	706164.69	N 32 18 6.08	W 103 47 59.50
	23375.00	89.40	1.40	10997.86	11857.62	11857.29	99.66	0.18	11857.71	0.48	473991.74	706166.91	N 32 18 7.02	W 103 47 59.47
	23470.00	89.72	1.17	10998.59	11952.60	11952.26	101.79	0.41	11952.69	0.49	474086.71	706169.04	N 32 18 7.96	W 103 47 59.44
	23564.00	89.60	1.01	10999.15	12046.59	12046.24	103.58	0.21	12046.69	0.49	474180.69	706170.83	N 32 18 8.89	W 103 47 59.41
	23659.00	89.70	0.75	10999.73	12141.58	12141.23	105.04	0.29	12141.68	0.50	474275.67	706172.29	N 32 18 9.83	W 103 47 59.39
	23754.00	90.05	0.80	10999.94	12236.58	12236.22	106.32	0.37	12236.68	0.50	474370.65	706173.57	N 32 18 10.77	W 103 47 59.37
	23849.00	90.04	0.42	10999.86	12331.58	12331.21	107.33	0.40	12331.68	0.50	474465.64	706174.58	N 32 18 11.71	W 103 47 59.35
	23944.00	89.77	0.01	11000.02	12426.57	12426.21	107.69	0.52	12426.68	0.50	474560.63	706174.94	N 32 18 12.65	W 103 47 59.34
	24038.00	89.86	0.02	11000.32	12520.57	12520.21	107.71	0.10	12520.68	0.49	474654.63	706174.97	N 32 18 13.58	W 103 47 59.34
	24089.00	90.09	359.91	11000.34	12571.57	12571.21	107.68	0.50	12571.67	0.49	474705.62	706174.93	N 32 18 14.08	W 103 47 59.33
	24133.00	89.93	359.80	11000.34	12615.57	12615.21	107.57	0.44	12615.67	0.49	474749.62	706174.82	N 32 18 14.52	W 103 47 59.33
100' FNL Crossing	*24193.00*	*90.38*	*359.82*	*11000.17*	*12675.57*	*12675.21*	*107.37*	*0.75*	*12675.67*	*0.49*	*474809.62*	*706174.63*	*N 32 18 15.11*	*W 103 47 59.33*
Final MWD	24210.00	90.51	359.83	11000.04	12692.57	12692.21	107.32	0.75	12692.66	0.48	474826.62	706174.57	N 32 18 15.28	W 103 47 59.33
Proj to TD	24238.00	90.51	359.83	10999.79	12720.57	12720.21	107.24	0.00	12720.66	0.48	474854.61	706174.49	N 32 18 15.56	W 103 47 59.33

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	ST01 / Oxy Pure Gold MDP1 29_17 Federal Com 8H ST01 Gyro+MWD 0' to 24238'MD
	1	24.000	24.000	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only	ST01 / Oxy Pure Gold MDP1 29_17 Federal Com 8H ST01 Gyro+MWD 0' to 24238'MD
	1	24.000	445.300	Act Stns	26.400	26.400	GYD_GC+DROP+OH	ST01 / Oxy Pure Gold MDP1 29_17 Federal Com 8H ST01
	1	445.300	4645.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	ST01 / Oxy Pure Gold MDP1 29_17 Federal Com 8H ST01 Gyro+MWD 0' to 24238'MD
	1	4645.000	6162.000	Act Stns	26.400	26.400	B001Mb_MWD+HRGM	ST01 / Oxy Pure Gold MDP1 29_17 Federal Com 8H ST01
	1	6162.000	6373.000	Act Stns	26.400	26.400	A009Mb_MWD+IFR1+SAG	ST01 / Oxy Pure Gold MDP1 29_17 Federal Com 8H ST01
	1	6373.000	24238.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	ST01 / Oxy Pure Gold MDP1 29_17 Federal Com 8H ST01 Gyro+MWD 0' to 24238'MD

Intent ☐ As Drilled ☐

API #

Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

Is this well the defining well for the Horizontal Spacing Unit? ☐

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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

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

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 101053
	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
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 101053

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 101053
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
llowe	C-104 RT Expires on 08/26/22	8/3/2022