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 - 09/16/2022

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 025-48160	WC-025 G-09 S223219D; WOLFCAMP	98296
[7] Property Code: 332928	[8] Property Name: DR PI FEDERAL UNIT 18-7 IPP	[9] Well Number: 31H

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	18	22S	32E		310	SOUTH	1625	WEST	LEA

[11] Bottom Hole Location FTP- 181' FSL 491' FWL LTP- 182' FNL 517' FWL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	7	22S	32E		21	NORTH	528	WEST	LEA

[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
248749	DCP MIDSTREAM, LP	G

IV. Well Completion Data

[21] Spud Date	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
02/10/22	09/16/2022	22516'M 11960'V	22450'M 11960'V	12129-22355'	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17-1/2"	13-3/8"	954'	1140
9-7/8"	7-5/8"	11328'	3225
6-3/4"	5-1/2"	22471'	888

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: 09/15/2022 Phone: 432-685-5936

OIL CONSERVATION DIVISION

Approved by: John

Title: Engineer

Approval Date:

RT expires 90 days from ready date

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
30-025-48160	98296	WC-025 G-09 S223219D; WOLFCAMP

[4] Property Code	Property Name	[6] Well Number
332928	DR PI FED UNIT 18_7 IPP	31H

[7] OGRID No.	[8] Operator Name	[9] Elevation
16696	OXY USA INC.	3623'

[10] Surface Location

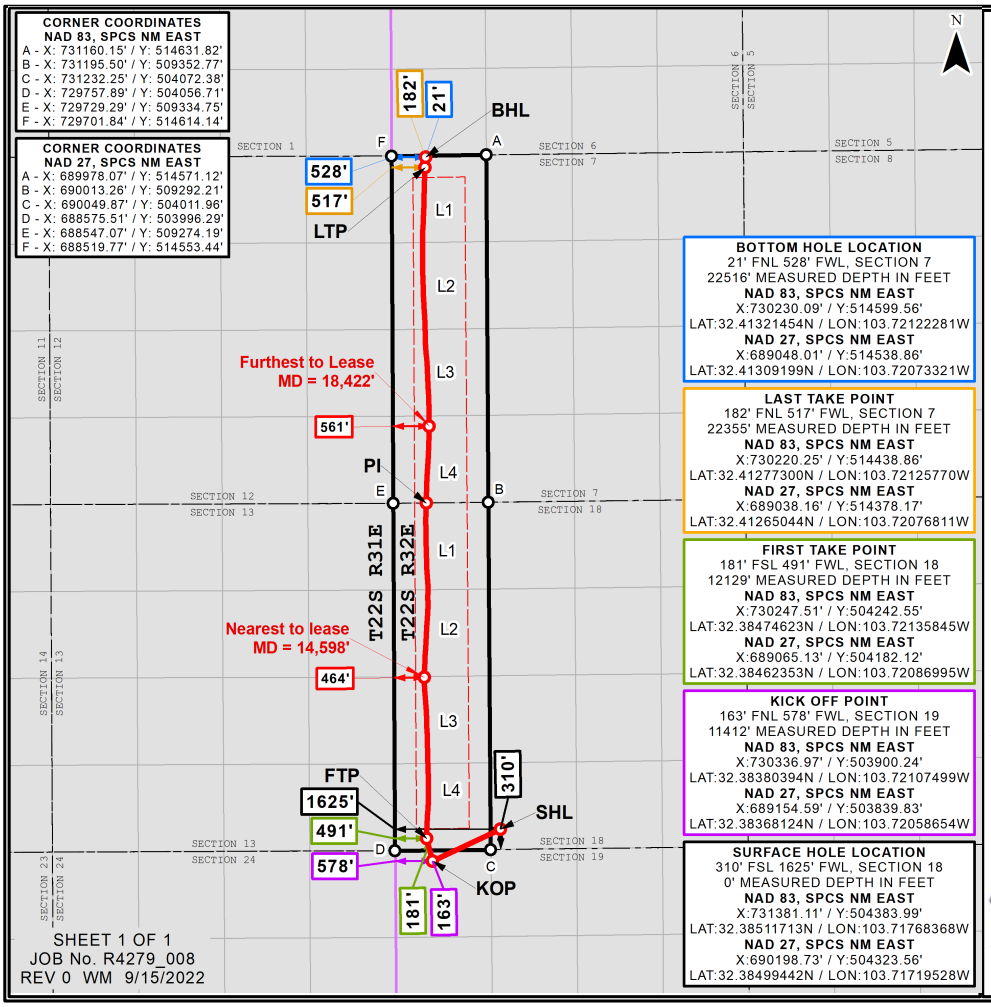
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	18	22S	32E		310	SOUTH	1625	WEST	LEA

[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
L 1	7	22S	32E		21	NORTH	528	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
355.4			

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.



BOTTOM HOLE LOCATION
21' FNL 528' FWL, SECTION 7
22516' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:730230.09' / Y:514599.56'
LAT:32.41321454N / LON:103.72122281W
NAD 27, SPCS NM EAST
X:689048.01' / Y:514538.86'
LAT:32.41309199N / LON:103.72073321W

LAST TAKE POINT
182' FNL 517' FWL, SECTION 7
22355' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:730220.25' / Y:514438.86'
LAT:32.41277300N / LON:103.72125770W
NAD 27, SPCS NM EAST
X:689038.16' / Y:514378.17'
LAT:32.41265044N / LON:103.72076811W

FIRST TAKE POINT
181' FSL 491' FWL, SECTION 18
12129' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:730247.51' / Y:504242.55'
LAT:32.38474623N / LON:103.72135845W
NAD 27, SPCS NM EAST
X:689065.13' / Y:504182.12'
LAT:32.38462353N / LON:103.72086995W

KICK OFF POINT
163' FNL 578' FWL, SECTION 19
11412' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:730336.97' / Y:503900.24'
LAT:32.38380394N / LON:103.72107499W
NAD 27, SPCS NM EAST
X:689154.59' / Y:503839.83'
LAT:32.38368124N / LON:103.72058654W

SURFACE HOLE LOCATION
310' FSL 1625' FWL, SECTION 18
0' MEASURED DEPTH IN FEET
NAD 83, SPCS NM EAST
X:731381.11' / Y:504383.99'
LAT:32.38511713N / LON:103.71768368W
NAD 27, SPCS NM EAST
X:690198.73' / Y:504323.56'
LAT:32.38499442N / LON:103.71719528W

[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: 09/15/22

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.

SEPTEMBER 15, 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: 0.999776382 Convergence Angle: 00°20'34.08"

Schlumberger

OXY

Borehole:	Well:	Field:	Structure:
Dr Pi Fed Unit 18_7 IPP 31H	Dr Pi Fed Unit 18_7 IPP 31H	NM Lea County (NAD 83)	Oxy Dr Pi Fed Unit 18_7 IPP Pad (Citadel 3)

Gravity & Magnetic Parameters

Model:	IFR1	Dip:	60.143°	Date:	30-Jul-2022
MagDec:	6.73°	FS:	47826.9nT	Gravity FS:	998.455mgn (9.80665 Based)

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

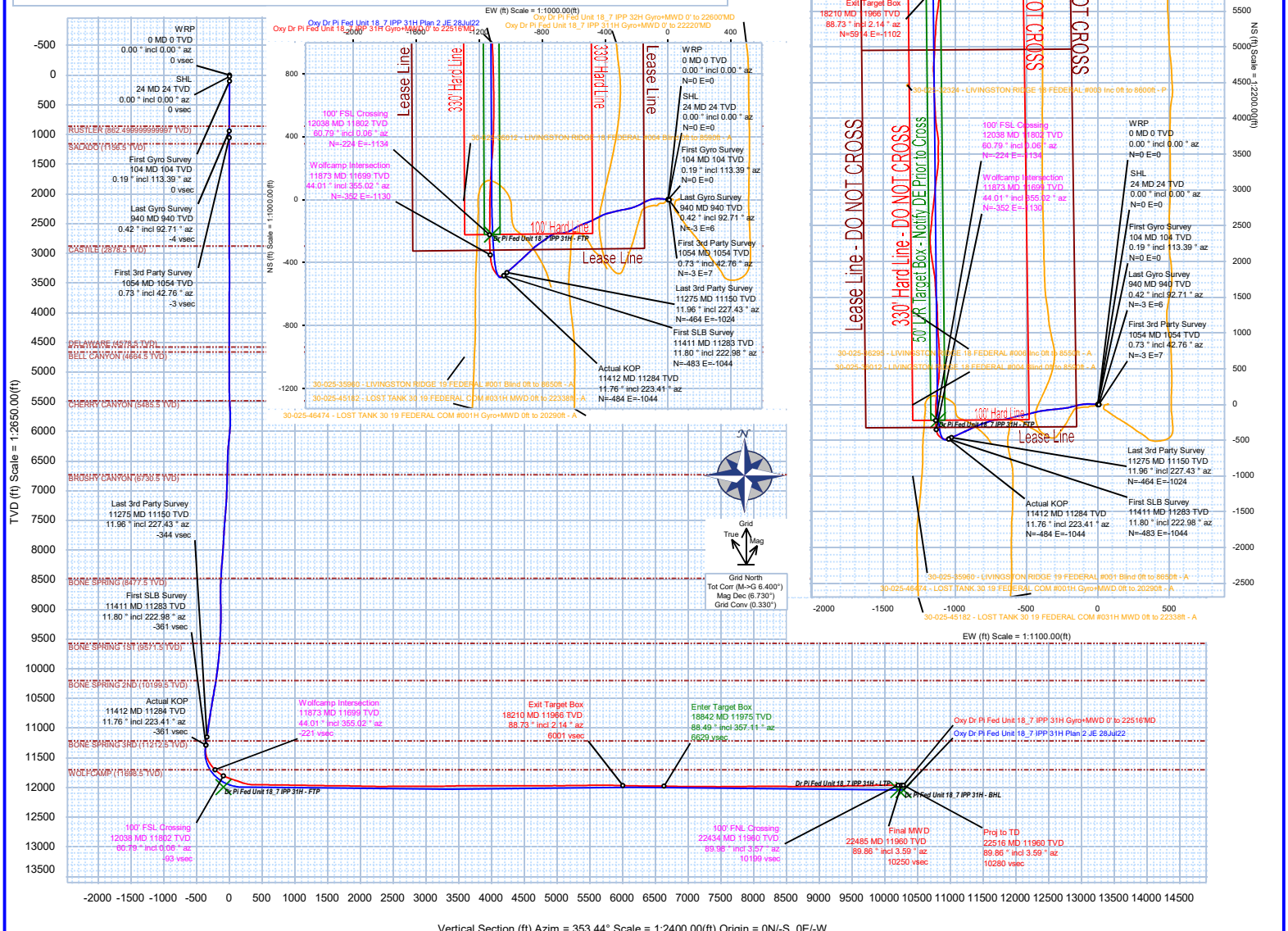
Lat:	N 32 23 6.42	Northing:	504383.99ftUS	Grid Conv:	0.3298°
Lon:	W 103 43 3.66	Easting:	731381.11ftUS	Scale Fact:	0.99995045

Miscellaneous

Slot:	Dr Pi Fed Unit 18_7 IPP 31H	TVD Ref:	RKB(3646.5ft above MSL)
Plan:	Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'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	103.89	0.19	113.39	103.89	-0.07	-0.05	0.12	0.24
Last Gyro Survey	939.64	0.42	92.71	939.61	-3.85	-3.17	6.14	0.19
First 3rd Party Survey	1054.00	0.73	42.76	1053.97	-3.44	-2.66	7.06	0.49
Last 3rd Party Survey	11275.00	11.96	227.43	11149.97	-343.71	-463.68	-1024.04	0.80
First SLB Survey	11411.00	11.80	222.98	11283.06	-361.02	-483.39	-1043.90	0.68
Actual KOP	11412.00	11.76	223.41	11284.04	-361.16	-483.54	-1044.04	9.63
Wolfcamp Intersection	11872.64	44.01	355.02	11698.50	-220.86	-352.25	-1130.40	12.29
100' FSL Crossing	12038.00	60.79	0.06	11802.43	-93.44	-224.40	-1133.99	15.75
Exit Target Box	18210.00	88.73	2.14	11966.17	6001.39	5914.22	-1102.11	0.37
Enter Target Box	18842.00	88.49	357.11	11974.56	6629.16	6545.97	-1103.52	5.07
100' FNL Crossing	22434.00	89.98	3.57	11960.07	10199.48	10133.73	-1156.21	0.50
Final MWD	22485.00	89.86	3.59	11960.13	10249.67	10184.63	-1152.96	0.85
Proj to TD	22516.00	89.86	3.59	11960.21	10280.18	10215.57	-1151.02	0.00



Schlumberger

Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'MD Survey
Geodetic Report
(Def Survey)

Report Date:	August 10, 2022 - 09:19 AM	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	OXY	**Vertical Section Azimuth:**	353.443 ° (Grid North)
Field:	NM Lea County (NAD 83)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Oxy Dr Pi Fed Unit 18_7 IPP Pad (Citadel 3) / Dr Pi Fed Unit 18_7 IPP 31H	**TVD Reference Datum:**	RKB
Well:	Dr Pi Fed Unit 18_7 IPP 31H	**TVD Reference Elevation:**	3646.500 ft above MSL
Borehole:	Dr Pi Fed Unit 18_7 IPP 31H	**Seabed / Ground Elevation:**	3622.500 ft above MSL
UWI / API#:	Unknown / Unknown	**Magnetic Declination:**	6.730 °
Survey Name:	Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'MD	**Total Gravity Field Strength:**	998.4555mgn (9.80665 Based)
Survey Date:	June 25, 2022	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	364.638 ° / 11977.706 ft / 6.914 / 0.999	**Total Magnetic Field Strength:**	47826.900 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	60.143 °
Location Lat / Long:	N 32° 23' 6.42165", W 103° 43' 3.66125"	**Declination Date:**	July 30, 2022
Location Grid N/E Y/X:	N 504383.990 ftUS, E 731381.110 ftUS	**Magnetic Declination Model:**	IFR1
CRS Grid Convergence Angle:	0.3298 °	**North Reference:**	Grid North
Grid Scale Factor:	0.99995045	**Grid Convergence Used:**	0.3300 °
Version / Patch:	2.10.829.1	**Total Corr Mag North->Grid North:**	6.4000 °
		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	504383.99	731381.11	N 32 23 6.42	W 103 43 3.66
SHL	24.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	504383.99	731381.11	N 32 23 6.42	W 103 43 3.66
First Gyro Survey	103.89	0.19	113.39	103.89	-0.07	-0.05	0.12	0.24	0.13	113.39	504383.94	731381.23	N 32 23 6.42	W 103 43 3.66
	192.28	0.42	122.70	192.28	-0.34	-0.29	0.53	0.27	0.60	118.39	504383.70	731381.64	N 32 23 6.42	W 103 43 3.66
	281.89	0.57	119.43	281.89	-0.81	-0.68	1.19	0.17	1.37	119.76	504383.31	731382.30	N 32 23 6.41	W 103 43 3.65
	375.99	0.46	117.63	375.98	-1.30	-1.09	1.94	0.12	2.22	119.33	504382.90	731383.05	N 32 23 6.41	W 103 43 3.64
	470.29	0.36	115.22	470.28	-1.67	-1.39	2.54	0.11	2.89	118.68	504382.60	731383.65	N 32 23 6.41	W 103 43 3.63
	564.63	0.45	126.57	564.62	-2.08	-1.74	3.10	0.13	3.56	119.21	504382.25	731384.21	N 32 23 6.40	W 103 43 3.63
	659.14	0.56	118.83	659.12	-2.60	-2.18	3.81	0.14	4.39	119.79	504381.81	731384.92	N 32 23 6.40	W 103 43 3.62
	753.52	0.57	118.47	753.50	-3.14	-2.63	4.62	0.01	5.32	119.59	504381.36	731385.73	N 32 23 6.40	W 103 43 3.61
	847.80	0.51	111.63	847.77	-3.60	-3.00	5.43	0.09	6.20	118.97	504380.99	731386.54	N 32 23 6.39	W 103 43 3.60
Last Gyro Survey	939.64	0.42	92.71	939.61	-3.85	-3.17	6.14	0.19	6.91	117.30	504380.82	731387.25	N 32 23 6.39	W 103 43 3.59
First 3rd Party Survey	1054.00	0.73	42.76	1053.97	-3.44	-2.66	7.06	0.49	7.54	110.63	504381.33	731388.17	N 32 23 6.39	W 103 43 3.58
	1147.00	0.09	86.28	1146.96	-3.06	-2.22	7.53	0.72	7.85	106.40	504381.77	731388.64	N 32 23 6.40	W 103 43 3.57
	1241.00	0.07	85.02	1240.96	-3.07	-2.21	7.66	0.02	7.97	106.07	504381.78	731388.77	N 32 23 6.40	W 103 43 3.57
	1335.00	0.19	81.75	1334.96	-3.06	-2.18	7.87	0.13	8.17	105.47	504381.81	731388.98	N 32 23 6.40	W 103 43 3.57
	1428.00	0.06	196.53	1427.96	-3.10	-2.20	8.01	0.24	8.31	105.38	504381.79	731389.12	N 32 23 6.40	W 103 43 3.57
	1522.00	0.15	324.65	1521.96	-3.04	-2.15	7.93	0.21	8.21	105.18	504381.84	731389.04	N 32 23 6.40	W 103 43 3.57
	1616.00	0.09	326.75	1615.96	-2.87	-1.99	7.82	0.06	8.06	104.27	504382.00	731388.92	N 32 23 6.40	W 103 43 3.57
	1710.00	0.13	282.13	1709.96	-2.77	-1.90	7.67	0.10	7.90	103.94	504382.09	731388.78	N 32 23 6.40	W 103 43 3.57
	1805.00	0.12	239.81	1804.96	-2.77	-1.93	7.48	0.10	7.72	104.48	504382.06	731388.59	N 32 23 6.40	W 103 43 3.57
	1900.00	0.16	181.05	1899.96	-2.94	-2.11	7.39	0.15	7.69	105.96	504381.88	731388.50	N 32 23 6.40	W 103 43 3.58
	1994.00	0.11	249.87	1993.96	-3.10	-2.28	7.30	0.17	7.65	107.31	504381.71	731388.41	N 32 23 6.40	W 103 43 3.58
	2089.00	0.25	232.73	2088.96	-3.22	-2.43	7.05	0.16	7.46	109.04	504381.56	731388.16	N 32 23 6.40	W 103 43 3.58
	2184.00	0.13	244.87	2183.96	-3.36	-2.60	6.79	0.13	7.27	110.99	504381.38	731387.90	N 32 23 6.40	W 103 43 3.58
	2279.00	0.11	215.43	2278.96	-3.47	-2.72	6.64	0.07	7.18	112.31	504381.26	731387.75	N 32 23 6.39	W 103 43 3.58
	2374.00	0.17	16.99	2373.96	-3.40	-2.66	6.63	0.29	7.14	111.90	504381.33	731387.74	N 32 23 6.39	W 103 43 3.58
	2468.00	0.14	42.57	2467.96	-3.20	-2.45	6.75	0.08	7.18	109.93	504381.54	731387.86	N 32 23 6.40	W 103 43 3.58
	2563.00	0.24	354.95	2562.96	-2.93	-2.16	6.81	0.19	7.14	107.62	504381.83	731387.92	N 32 23 6.40	W 103 43 3.58
	2658.00	0.19	337.43	2657.96	-2.58	-1.82	6.73	0.09	6.97	105.13	504382.17	731387.84	N 32 23 6.40	W 103 43 3.58
	2753.00	0.16	18.49	2752.96	-2.30	-1.55	6.71	0.13	6.89	102.99	504382.44	731387.82	N 32 23 6.41	W 103 43 3.58
	2943.00	0.22	74.56	2942.96	-2.01	-1.20	7.15	0.10	7.25	99.52	504382.79	731388.26	N 32 23 6.41	W 103 43 3.58
	3038.00	0.23	68.41	3037.96	-1.93	-1.08	7.50	0.03	7.58	98.20	504382.91	731388.61	N 32 23 6.41	W 103 43 3.57
	3132.00	0.22	42.61	3131.96	-1.76	-0.88	7.80	0.11	7.85	96.43	504383.11	731388.91	N 32 23 6.41	W 103 43 3.57
	3322.00	0.00	15.47	3321.96	-1.52	-0.61	8.04	0.12	8.07	94.33	504383.38	731389.15	N 32 23 6.42	W 103 43 3.57
	3417.00	0.03	141.81	3416.96	-1.55	-0.63	8.06	0.03	8.08	94.46	504383.36	731389.17	N 32 23 6.41	W 103 43 3.57
	3511.00	0.09	77.57	3510.96	-1.56	-0.63	8.15	0.09	8.17	94.44	504383.36	731389.26	N 32 23 6.41	W 103 43 3.57
	3606.00	0.28	121.65	3605.95	-1.69	-0.74	8.42	0.24	8.45	95.01	504383.25	731389.53	N 32 23 6.41	W 103 43 3.56
	3701.00	0.26	115.74	3700.95	-1.95	-0.95	8.81	0.04	8.86	96.18	504383.04	731389.92	N 32 23 6.41	W 103 43 3.56
	3795.00	0.20	110.41	3794.95	-2.14	-1.10	9.16	0.07	9.22	96.87	504382.89	731390.27	N 32 23 6.41	W 103 43 3.55
	3890.00	0.12	108.86	3889.95	-2.26	-1.19	9.41	0.08	9.48	97.23	504382.80	731390.51	N 32 23 6.41	W 103 43 3.55
	3985.00	0.30	127.21	3984.95	-2.47	-1.38	9.70	0.20	9.79	98.08	504382.61	731390.81	N 32 23 6.41	W 103 43 3.55
	4080.00	0.28	116.93	4079.95	-2.77	-1.63	10.10	0.06	10.23	99.18	504382.36	731391.21	N 32 23 6.40	W 103 43 3.54
	4175.00	0.27	121.41	4174.95	-3.04	-1.85	10.50	0.02	10.66	100.01	504382.14	731391.61	N 32 23 6.40	W 103 43 3.54
	4270.00	0.28	122.54	4269.95	-3.32	-2.10	10.89	0.01	11.09	100.89	504381.89	731392.00	N 32 23 6.40	W 103 43 3.53
	4365.00	0.03	107.07	4364.95	-3.48	-2.23	11.11	0.26	11.33	101.34	504381.76	731392.22	N 32 23 6.40	W 103 43 3.53
	4460.00	0.03	271.66	4459.95	-3.49	-2.23	11.11	0.06	11.33	101.37	504381.76	731392.22	N 32 23 6.40	W 103 43 3.53
	4554.00	0.06	136.44	4553.95	-3.52	-2.27	11.11	0.09	11.34	101.54	504381.72	731392.22	N 32 23 6.40	W 103 43 3.53
	4649.00	0.04	351.73	4648.95	-3.53	-2.27	11.14	0.10	11.37	101.52	504381.72	731392.25	N 32 23 6.40	W 103 43 3.53
	4744.00	0.04	8.88	4743.95	-3.46	-2.21	11.14	0.01	11.36	101.20	504381.78	731392.25	N 32 23 6.40	W 103 43 3.53
	4839.00	0.18	95.31	4838.95	-3.46	-2.19	11.30	0.19	11.51	100.96	504381.80	731392.41	N 32 23 6.40	W 103 43 3.53
	4934.00	0.04	300.01	4933.95	-3.47	-2.18	11.42	0.23	11.63	100.83	504381.80	731392.53	N 32 23 6.40	W 103 43 3.53
	5028.00	0.05	110.22	5027.95	-3.47	-2.18	11.43	0.10	11.63	100.81	504381.81	731392.54	N 32 23 6.40	W 103 43 3.53
	5123.00	0.11	42.52	5122.95	-3.43	-2.13	11.53	0.11	11.72	100.47	504381.86	731392.64	N 32 23 6.40	W 103 43 3.53
	5218.00	0.23	37.07	5217.95	-3.23	-1.91	11.71	0.13	11.86	99.27	504382.08	731392.82	N 32 23 6.40	W 103 43 3.52
	5313.00	1.73	289.84	5312.93	-2.46	-1.27	10.47	1.91	10.55	96.92	504382.72	731391.58	N 32 23 6.41	W 103 43 3.54
	5407.00	6.21	279.40	5406.68	-0.43	0.04	4.12	4.81	4.12	89.43	504384.03	731385.23	N 32 23 6.42	W 103 43 3.61
	5502.00	9.89	276.14	5500.73	2.78	1.75	-9.07	3.90	9.24	280.95	504385.74	731372.04	N 32 23 6.44	W 103 43 3.77
	5597.00	14.11	274.29	5593.64	6.75	3.49	-28.74	4.46	28.95	276.93	504387.48	731352.38	N 32 23 6.46	W 103 43 4.00
	5691.00	17.80	272.78	5684.00	11.24	5.05	-54.52	3.95	54.75	275.29	504389.04	731326.59	N 32 23 6.47	W 103 43 4.30
	5786.00	15.18	264.36	5775.10	13.80	4.53	-81.41	3.73	81.54	273.18	504388.52	731299.70	N 32 23 6.47	W 103 43 4.61
	5881.00	14.78	256.59	5866.88	12.55	0.50	-105.58	2.15	105.58	270.27	504384.49	731275.54	N 32 23 6.43	W 103 43 4.89
	5976.00	14.77	247.85	5958.75	7.85	-6.88	-128.58	2.34	128.77	266.94	504377.11	731252.53	N 32 23 6.36	W 103 43 5.16
	6070.00	14.47	241.80	6049.71	0.30	-16.95	-150.03	1.65	150.99	263.55	504367.04	731231.08	N 32 23 6.26	W 103 43 5.41
	6165.00	14.03	242.21	6141.79	-8.25	-27.93	-170.68	0.48	172.95	260.71	504356.06	731210.44	N 32 23 6.16	W 103 43 5.65
	6260.00	13.91	245.12	6233.98	-16.01	-38.10	-191.23	0.75	194.99	258.73	504345.89	731189.89	N 32 23 6.06	W 103 43 5.89
	6354.00	13.60	249.38	6325.28	-22.25	-46.75	-211.82	1.13	216.92	257.56	504337.25	731169.30	N 32 23 5.97	W 103 43 6.13
	6449.00	13.91	254.52	6417.56	-26.74	-53.73	-233.28	1.33	239.39	257.03	504330.27	731147.84	N 32 23 5.90	W 103 43 6.39
	6544.00	13.97	257.58	6509.77	-29.68	-59.24	-255.49	0.78	262.26	256.95	504324.75	731125.64	N 32 23 5.85	W 103 43 6.64
	6639.00	13.51	259.56	6602.05	-31.60	-63.72	-277.60	0.69	284.82	257.07	504320.28	731103.53	N 32 23 5.81	W 103 43 6.90
	6734.00	12.95	258.81	6694.53	-33.21	-67.79	-298.95	0.62	306.54	257.22	504316.20	731082.17	N 32 23 5.77	W 103 43 7.15
	6828.00	12.99	257.33	6786.13	-35.19	-72.16	-319.59	0.36	327.64	257.28	504311.84	731061.53	N 32 23 5.73	W 103 43 7.39
	6923.00	12.91	256.79	6878.71	-37.56	-76.92	-340.34	0.15	348.93	257.26	504307.07	731040.79	N 32 23 5.68	W 103 43 7.64
	7018.00	13.02	256.02	6971.29	-40.17	-81.93	-361.06	0.22	370.24	257.21	504302.06	731020.07	N 32 23 5.63	W 103 43 7.88
	7112.00	12.67	254.37	7062.94	-43.16	-87.27	-381.26	0.54	391.12	257.11	504296.73	730999.87	N 32 23 5.58	W 103 43 8.11
	7207.00	12.22	249.82	7155.71	-47.17	-93.54	-400.73	1.14	411.50	256.86	504290.45	730980.40	N 32 23 5.52	W 103 43 8.34
	7302.00	12.22	245.37	7248.56	-52.66	-101.20	-419.31	0.99	431.35	256.43	504282.79	730961.82	N 32 23 5.44	W 103 43 8.56
	7396.00	11.44	241.50	7340.56	-59.23	-109.80	-436.54	1.18	450.14	255.88	504274.20	730944.59	N 32 23 5.36	W 103 43 8.76
	7491.00	11.50	243.18	7433.67	-66.03	-118.57	-453.28	0.36	468.53	255.34	504265.43	730927.86	N 32 23 5.27	W 103 43 8.95
	7586.00	11.21	243.37	7526.81	-72.48	-126.98	-469.98	0.31	486.83	254.88	504257.02	730911.15	N 32 23 5.19	W 103 43 9.15
	7680.00	11.32	245.37	7619.00	-78.48	-134.92	-486.54	0.43	504.90	254.50	504249.08	730894.60	N 32 23 5.11	W 103 43 9.34
	7775.00	11.46	247.19	7712.12	-84.01	-142.46	-503.71	0.41	523.47	254.21	504241.53	730877.43	N 32 23 5.04	W 103 43 9.54
	7870.00	11.54	249.21	7805.22	-88.99	-149.49	-521.29	0.43	542.31	254.00	504234.50	730859.84	N 32 23 4.97	W 103 43 9.75
	7964.00	11.50	249.18	7897.32	-93.61	-156.16	-538.84	0.04	561.01	253.84	504227.84	730842.30	N 32 23 4.91	W 103 43 9.96
	8059.00	11.18	248.94	7990.47	-98.25	-162.84	-556.29	0.34	579.63	253.68	504221.16	730824.85	N 32 23 4.84	W 103 43 10.16
	8154.00	11.15	240.31	8083.68	-104.16	-170.70	-572.86	1.76	597.75	253.41	504213.30	730808.28	N 32 23 4.77	W 103 43 10.35
	8248.00	10.53	238.68	8176.00	-111.33	-179.66	-588.10	0.74	614.93	253.01	504204.34	730793.04	N 32 23 4.68	W 103 43 10.53
	8343.00	9.94	239.72	8269.49	-118.27	-188.31	-602.59	0.65	631.33	252.65	504195.69	730778.55	N 32 23 4.59	W 103 43 10.70
	8438.00	10.08	243.69	8363.04	-124.38	-196.13	-617.13	0.74	647.54	252.37	504187.87	730764.02	N 32 23 4.52	W 103 43 10.87
	8532.00	9.77	247.23	8455.64	-129.38	-202.86	-631.86	0.73	663.62	252.20	504181.14	730749.29	N 32 23 4.45	W 103 43 11.04
	8627.00	9.43	251.79	8549.31	-133.21	-208.41	-646.68	0.88	679.43	252.14	504175.59	730734.46	N 32 23 4.40	W 103 43 11.22
	8722.00	9.20	258.56	8643.06	-135.42	-212.35	-661.52	1.18	694.76	252.20	504171.65	730719.63	N 32 23 4.36	W 103 43 11.39
	8817.00	7.78	264.39	8737.02	-135.96	-214.49	-675.36	1.75	708.60	252.38	504169.51	730705.78	N 32 23 4.34	W 103 43 11.55
	8911.00	7.98	272.31	8830.13	-134.85	-214.85	-688.21	1.17	720.97	252.66	504169.15	730692.93	N 32 23 4.33	W 103 43 11.70
	9006.00	6.83	265.47	8924.34	-133.64	-215.03	-700.43	1.52	732.70	252.93	504168.97	730680.71	N 32 23 4.33	W 103 43 11.84
	9101.00	4.93	264.66	9018.84	-133.35	-215.85	-710.13	2.00	742.21	253.09	504168.15	730671.02	N 32 23 4.33	W 103 43 11.96
	9195.00	3.90	266.83	9112.56	-133.08	-216.41	-717.34	1.11	749.28	253.21	504167.60	730663.80	N 32 23 4.32	W 103 43 12.04
	9290.00	3.63	255.62	9207.35	-133.29	-217.33	-723.48	0.82	755.42	253.28	504166.67	730657.66	N 32 23 4.31	W 103 43 12.11
	9310.00	3.72	248.19	9227.31	-133.55	-217.73	-724.70	2.42	756.70	253.28	504166.27	730656.45	N 32 23 4.31	W 103 43 12.13
	9384.00	5.00	240.93	9301.10	-135.42	-220.19	-729.75	1.88	762.24	253.21	504163.81	730651.40	N 32 23 4.28	W 103 43 12.19
	9479.00	5.96	241.12	9395.66	-138.88	-224.58	-737.68	1.01	771.11	253.07	504159.42	730643.47	N 32 23 4.24	W 103 43 12.28
	9605.00	5.38	239.75	9521.04	-143.73	-230.72	-748.51	0.47	783.26	252.87	504153.28	730632.63	N 32 23 4.18	W 103 43 12.41
	9700.00	6.72	231.58	9615.51	-148.46	-236.42	-756.72	1.67	792.79	252.65	504147.59	730624.43	N 32 23 4.13	W 103 43 12.50
	9795.00	8.51	233.33	9709.67	-154.92	-244.07	-766.71	1.90	804.62	252.34	504139.93	730614.44	N 32 23 4.05	W 103 43 12.62

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 ° ' ")
	9890.00	10.87	237.44	9803.31	-162.37	-253.09	-779.90	2.59	819.94	252.02	504130.91	730601.25	N 32 23 3.96	W 103 43 12.77
	9984.00	12.53	234.76	9895.36	-171.15	-263.74	-795.70	1.86	838.27	251.66	504120.26	730585.45	N 32 23 3.86	W 103 43 12.96
	10079.00	12.45	234.20	9988.11	-181.10	-275.68	-812.42	0.15	857.92	251.26	504108.33	730568.73	N 32 23 3.74	W 103 43 13.15
	10174.00	13.29	234.99	10080.72	-191.31	-287.93	-829.67	0.90	878.21	250.86	504096.07	730551.48	N 32 23 3.62	W 103 43 13.36
	10269.00	14.00	229.59	10173.04	-202.91	-301.65	-847.37	1.53	899.46	250.41	504082.36	730533.79	N 32 23 3.49	W 103 43 13.56
	10364.00	14.57	225.84	10265.11	-216.61	-317.42	-864.69	1.14	921.11	249.84	504066.58	730516.47	N 32 23 3.33	W 103 43 13.77
	10458.00	14.76	226.46	10356.04	-231.02	-333.91	-881.85	0.26	942.95	249.26	504050.10	730499.31	N 32 23 3.17	W 103 43 13.97
	10553.00	14.26	226.22	10448.01	-245.38	-350.34	-899.07	0.53	964.92	248.71	504033.67	730482.09	N 32 23 3.01	W 103 43 14.17
	10648.00	14.45	227.46	10540.05	-259.42	-366.45	-916.25	0.38	986.81	248.20	504017.56	730464.91	N 32 23 2.85	W 103 43 14.37
	10743.00	14.26	227.80	10632.08	-273.21	-382.32	-933.65	0.22	1008.90	247.73	504001.69	730447.51	N 32 23 2.69	W 103 43 14.57
	10838.00	13.89	227.51	10724.23	-286.72	-397.88	-950.73	0.40	1030.63	247.29	503986.13	730430.43	N 32 23 2.54	W 103 43 14.77
	10932.00	13.25	227.79	10815.61	-299.62	-412.74	-967.03	0.68	1051.43	246.89	503971.27	730414.13	N 32 23 2.39	W 103 43 14.97
	11027.00	13.25	228.38	10908.08	-312.22	-427.29	-983.23	0.14	1072.06	246.51	503956.72	730397.93	N 32 23 2.25	W 103 43 15.16
	11122.00	12.99	228.57	11000.60	-324.58	-441.58	-999.37	0.28	1092.59	246.16	503942.43	730381.79	N 32 23 2.11	W 103 43 15.34
	11216.00	12.41	228.13	11092.30	-336.45	-455.32	-1014.82	0.63	1112.28	245.84	503928.70	730366.35	N 32 23 1.97	W 103 43 15.53
Last 3rd Party Survey	11275.00	11.96	227.43	11149.97	-343.71	-463.68	-1024.04	0.80	1124.13	245.64	503920.33	730357.12	N 32 23 1.89	W 103 43 15.63
First SLB Survey	11411.00	11.80	222.98	11283.06	-361.02	-483.39	-1043.90	0.68	1150.39	245.15	503900.62	730337.27	N 32 23 1.70	W 103 43 15.87
Actual KOP	*11412.00*	*11.76*	*223.41*	*11284.04*	*-361.16*	*-483.54*	*-1044.04*	*9.63*	*1150.58*	*245.15*	*503900.48*	*730337.13*	*N 32 23 1.70*	*W 103 43 15.87*
	11505.00	11.53	268.89	11375.31	-366.38	-490.62	-1059.88	9.63	1167.92	245.16	503893.40	730321.29	N 32 23 1.63	W 103 43 16.05
	11600.00	21.34	308.55	11466.57	-353.16	-479.97	-1083.01	15.14	1184.60	246.10	503904.04	730298.16	N 32 23 1.73	W 103 43 16.32
	11695.00	27.72	330.57	11553.13	-320.46	-449.87	-1107.46	11.63	1195.34	247.89	503934.15	730273.71	N 32 23 2.03	W 103 43 16.61
	11789.00	34.46	348.99	11633.77	-273.64	-404.57	-1123.33	12.33	1193.97	250.19	503979.45	730257.83	N 32 23 2.48	W 103 43 16.79
Wolfcamp Intersection	*11872.64*	*44.01*	*355.02*	*11698.50*	*-220.86*	*-352.25*	*-1130.40*	*12.29*	*1184.01*	*252.69*	*504031.76*	*730250.77*	*N 32 23 3.00*	*W 103 43 16.87*
	11884.00	45.33	355.67	11706.58	-212.88	-344.29	-1131.04	12.29	1182.29	253.07	504039.72	730250.12	N 32 23 3.08	W 103 43 16.87
	11979.00	51.51	359.60	11769.61	-142.08	-273.34	-1133.86	7.20	1166.34	256.45	504110.66	730247.31	N 32 23 3.78	W 103 43 16.90
100' FSL Crossing	*12038.00*	*60.79*	*0.06*	*11802.43*	*-93.44*	*-224.40*	*-1133.99*	*15.75*	*1155.98*	*258.81*	*504159.60*	*730247.18*	*N 32 23 4.27*	*W 103 43 16.90*
	12074.00	66.46	0.30	11818.42	-61.42	-192.16	-1133.89	15.75	1150.06	260.38	504191.84	730247.28	N 32 23 4.58	W 103 43 16.90
	12169.00	69.12	0.37	11854.33	25.89	-104.22	-1133.38	2.80	1138.16	264.75	504279.78	730247.79	N 32 23 5.45	W 103 43 16.88
	12263.00	69.80	0.49	11887.31	113.26	-16.19	-1132.71	0.73	1132.83	269.18	504367.80	730248.45	N 32 23 6.33	W 103 43 16.87
	12358.00	70.01	2.52	11919.95	201.59	72.99	-1130.37	2.02	1132.72	273.69	504456.97	730250.80	N 32 23 7.21	W 103 43 16.84
	12453.00	78.96	2.54	11945.34	291.88	164.34	-1126.33	9.42	1138.26	278.30	504548.32	730254.83	N 32 23 8.11	W 103 43 16.78
	12548.00	90.99	5.70	11953.64	384.69	258.55	-1119.52	13.09	1148.99	283.00	504642.52	730261.64	N 32 23 9.04	W 103 43 16.70
	12563.00	90.51	4.88	11953.45	399.37	273.48	-1118.14	6.33	1151.10	283.74	504657.46	730263.03	N 32 23 9.19	W 103 43 16.68
	12621.00	90.45	3.39	11952.96	456.36	331.33	-1113.96	2.57	1162.19	286.56	504715.30	730267.21	N 32 23 9.76	W 103 43 16.63
	12716.00	88.77	0.88	11953.61	550.26	426.25	-1110.42	3.18	1189.42	291.00	504810.21	730270.75	N 32 23 10.70	W 103 43 16.58
	12811.00	89.96	1.10	11954.66	644.43	521.22	-1108.78	1.27	1225.18	295.18	504905.19	730272.39	N 32 23 11.64	W 103 43 16.56
	12906.00	89.02	359.84	11955.51	738.71	616.21	-1108.00	1.65	1267.83	299.08	505000.17	730273.17	N 32 23 12.58	W 103 43 16.54
	13001.00	88.91	359.02	11957.22	833.17	711.19	-1108.94	0.87	1317.40	302.67	505095.15	730272.22	N 32 23 13.52	W 103 43 16.55
	13095.00	89.19	358.53	11958.78	926.75	805.16	-1110.95	0.60	1372.04	305.93	505189.11	730270.21	N 32 23 14.45	W 103 43 16.56
	13190.00	89.05	358.04	11960.24	1021.40	900.10	-1113.80	0.54	1432.04	308.94	505284.05	730267.37	N 32 23 15.39	W 103 43 16.59
	13379.00	88.56	358.23	11964.18	1209.73	1088.96	-1119.95	0.28	1562.09	314.20	505472.90	730261.22	N 32 23 17.26	W 103 43 16.65
	13474.00	89.39	359.58	11965.88	1304.28	1183.93	-1121.76	1.67	1630.96	316.54	505567.86	730259.41	N 32 23 18.20	W 103 43 16.66
	13569.00	89.24	359.22	11967.02	1398.76	1278.91	-1122.76	0.41	1701.82	318.72	505662.84	730258.41	N 32 23 19.14	W 103 43 16.67
	13664.00	89.54	358.92	11968.03	1493.30	1373.90	-1124.30	0.45	1775.29	320.71	505757.82	730256.87	N 32 23 20.08	W 103 43 16.68
	13759.00	88.43	355.65	11969.71	1588.05	1468.76	-1128.80	3.63	1852.41	322.46	505852.67	730252.37	N 32 23 21.02	W 103 43 16.73
	13854.00	90.23	358.12	11970.82	1682.86	1563.60	-1133.96	3.22	1931.50	324.05	505947.51	730247.21	N 32 23 21.96	W 103 43 16.78
	13948.00	89.39	359.05	11971.13	1776.48	1657.57	-1136.28	1.33	2009.64	325.57	506041.48	730244.89	N 32 23 22.89	W 103 43 16.80
	14043.00	89.17	357.64	11972.33	1871.13	1752.52	-1139.02	1.50	2090.14	326.98	506136.42	730242.15	N 32 23 23.83	W 103 43 16.83
	14138.00	87.80	354.70	11974.84	1965.97	1847.26	-1145.36	3.41	2173.53	328.20	506231.16	730235.81	N 32 23 24.76	W 103 43 16.89
	14232.00	88.55	355.43	11977.83	2059.89	1940.87	-1153.44	1.11	2257.74	329.28	506324.76	730227.72	N 32 23 25.69	W 103 43 16.98
	14326.00	89.39	355.58	11979.52	2153.81	2034.56	-1160.81	0.91	2342.42	330.29	506418.45	730220.36	N 32 23 26.62	W 103 43 17.06
	14421.00	89.10	356.72	11980.78	2248.69	2129.34	-1167.19	1.24	2428.25	331.27	506513.22	730213.98	N 32 23 27.56	W 103 43 17.13
	14515.00	90.26	357.15	11981.30	2342.51	2223.20	-1172.21	1.32	2513.31	332.20	506607.07	730208.96	N 32 23 28.49	W 103 43 17.18
	14610.00	90.81	0.62	11980.41	2437.07	2318.16	-1174.06	3.70	2598.52	333.14	506702.03	730207.11	N 32 23 29.43	W 103 43 17.20
	14705.00	90.81	4.05	11979.07	2530.90	2413.06	-1170.19	3.61	2681.83	334.13	506796.93	730210.98	N 32 23 30.36	W 103 43 17.15
	14799.00	89.54	3.18	11978.78	2623.42	2506.87	-1164.27	1.64	2764.04	335.09	506890.73	730216.90	N 32 23 31.29	W 103 43 17.07
	14894.00	89.47	1.30	11979.60	2717.30	2601.79	-1160.55	1.98	2848.89	335.96	506985.65	730220.62	N 32 23 32.23	W 103 43 17.02
	14988.00	90.55	4.48	11979.59	2810.01	2695.66	-1155.82	3.57	2933.00	336.79	507079.51	730225.35	N 32 23 33.16	W 103 43 16.96
	15083.00	90.33	3.51	11978.86	2903.40	2790.42	-1149.20	1.05	3017.80	337.62	507174.27	730231.97	N 32 23 34.10	W 103 43 16.88
	15178.00	90.48	3.16	11978.19	2996.98	2885.26	-1143.67	0.40	3103.66	338.38	507268.10	730237.50	N 32 23 35.04	W 103 43 16.81
	15273.00	90.31	2.36	11977.53	3090.73	2980.15	-1139.10	0.86	3190.42	339.08	507363.98	730242.07	N 32 23 35.97	W 103 43 16.75
	15367.00	89.44	2.77	11977.74	3183.54	3074.05	-1134.89	1.02	3276.85	339.74	507457.88	730246.28	N 32 23 36.90	W 103 43 16.69
	15462.00	92.23	4.43	11976.35	3277.03	3168.84	-1128.93	3.42	3363.93	340.39	507552.67	730252.24	N 32 23 37.84	W 103 43 16.61
	15557.00	91.11	4.07	11973.58	3370.30	3263.54	-1121.89	1.24	3450.99	341.03	507647.36	730259.28	N 32 23 38.78	W 103 43 16.53
	15651.00	91.42	2.32	11971.51	3462.91	3357.36	-1116.65	1.89	3538.19	341.60	507741.18	730264.52	N 32 23 39.71	W 103 43 16.46
	15746.00	89.80	358.04	11970.50	3557.23	3452.33	-1116.35	4.82	3628.34	342.08	507836.14	730264.81	N 32 23 40.64	W 103 43 16.45
	15840.00	89.99	0.79	11970.67	3650.71	3546.32	-1117.31	2.93	3718.17	342.51	507930.13	730263.85	N 32 23 41.57	W 103 43 16.45
	15935.00	90.57	1.35	11970.20	3744.87	3641.30	-1115.54	0.85	3808.35	342.97	508025.10	730265.63	N 32 23 42.51	W 103 43 16.43
	16030.00	90.20	355.34	11969.56	3839.47	3736.21	-1118.28	6.34	3899.98	343.34	508120.01	730262.89	N 32 23 43.45	W 103 43 16.45
	16124.00	89.72	356.51	11969.63	3933.38	3829.97	-1124.96	1.35	3991.77	343.63	508213.77	730256.21	N 32 23 44.38	W 103 43 16.52
	16219.00	89.65	355.73	11970.15	4028.28	3924.75	-1131.39	0.82	4084.57	343.92	508308.54	730249.78	N 32 23 45.32	W 103 43 16.59
	16314.00	90.04	359.26	11970.41	4123.02	4019.65	-1135.54	3.74	4176.96	344.23	508403.43	730245.63	N 32 23 46.26	W 103 43 16.63
	16409.00	89.55	357.77	11970.75	4217.65	4114.61	-1138.00	1.65	4269.09	344.54	508498.39	730243.17	N 32 23 47.20	W 103 43 16.66
	16503.00	89.78	358.38	11971.30	4311.34	4208.56	-1141.16	0.69	4360.53	344.83	508592.33	730240.01	N 32 23 48.13	W 103 43 16.69
	16598.00	90.28	358.33	11971.25	4405.99	4303.52	-1143.89	0.53	4452.95	345.11	508687.29	730237.28	N 32 23 49.07	W 103 43 16.71
	16693.00	90.64	359.33	11970.49	4500.55	4398.50	-1145.66	1.32	4545.25	345.40	508782.26	730235.51	N 32 23 50.01	W 103 43 16.73
	16787.00	90.28	0.08	11969.73	4593.97	4492.49	-1145.98	0.70	4636.35	345.69	508876.25	730235.19	N 32 23 50.94	W 103 43 16.72
	16882.00	89.93	358.22	11969.56	4688.49	4587.48	-1147.39	1.99	4728.79	345.96	508971.23	730233.78	N 32 23 51.88	W 103 43 16.73
	16977.00	89.92	359.81	11969.68	4783.04	4682.46	-1149.02	1.67	4821.38	346.21	509066.21	730232.15	N 32 23 52.82	W 103 43 16.75
	17072.00	91.58	2.21	11968.44	4877.20	4777.43	-1147.35	3.07	4913.27	346.50	509161.17	730233.82	N 32 23 53.76	W 103 43 16.72
	17166.00	89.66	2.55	11967.42	4970.04	4871.34	-1143.45	2.07	5003.74	346.79	509255.07	730237.72	N 32 23 54.69	W 103 43 16.67
	17261.00	89.82	359.91	11967.85	5064.16	4966.31	-1141.41	2.78	5095.78	347.06	509350.04	730239.76	N 32 23 55.63	W 103 43 16.64
	17356.00	91.26	1.68	11966.96	5158.37	5061.29	-1140.09	2.40	5188.10	347.31	509445.01	730241.08	N 32 23 56.57	W 103 43 16.62
	17450.00	90.68	2.45	11965.37	5251.29	5155.21	-1136.70	1.03	5279.04	347.57	509538.93	730244.47	N 32 23 57.50	W 103 43 16.57
	17545.00	90.36	1.07	11964.50	5345.29	5250.16	-1133.79	1.49	5371.19	347.81	509633.88	730247.38	N 32 23 58.43	W 103 43 16.53
	17640.00	90.97	2.96	11963.40	5439.21	5345.09	-1130.45	2.09	5463.32	348.06	509728.80	730250.72	N 32 23 59.37	W 103 43 16.49
	17830.00	91.04	4.17	11960.07	5626.22	5534.69	-1118.63	0.64	5646.60	348.57	509918.39	730262.53	N 32 24 1.25	W 103 43 16.34
	17924.00	89.16	3.11	11959.90	5718.73	5628.49	-1112.67	2.30	5737.42	348.82	510012.19	730268.50	N 32 24 2.18	W 103 43 16.26
	18019.00	88.27	2.12	11962.03	5812.49	5723.37	-1108.33	1.40	5829.70	349.04	510107.06	730272.83	N 32 24 3.12	W 103 43 16.20
	18114.00	89.02	1.60	11964.28	5906.44	5818.29	-1105.25	0.96	5922.34	349.24	510201.98	730275.92	N 32 24 4.05	W 103 43 16.16
	18209.00	88.73	2.14	11966.15	6000.40	5913.22	-1102.15	0.65	6015.06	349.44	510296.91	730279.02	N 32 24 4.99	W 103 43 16.12
Exit Target Box	*18210.00*	*88.73*	*2.14*	*11966.17*	*6001.39*	*5914.22*	*-1102.11*	*0.37*	*6016.03*	*349.44*	*510297.91*	*730279.05*	*N 32 24 5.00*	*W 103 43 16.12*
	18303.00	88.49	1.89	11968.43	6093.32	6007.14	-1098.85	0.37	6106.81	349.63	510390.82	730282.32	N 32 24 5.92	W 103 43 16.07
	18398.00	88.81	0.20	11970.67	6187.46	6102.09	-1097.12	1.81	6199.93	349.81	510485.76	730284.05	N 32 24 6.86	W 103 43 16.05
	18492.00	88.23	359.22	11973.09	6280.86	6196.06	-1097.59	1.21	6292.52	349.95	510579.73	730283.58	N 32 24 7.79	W 103 43 16.05
	18587.00	90.52	359.53	11974.13	6375.34	6291.04	-1098.63	2.43	6386.25	350.09	510674.70	730282.54	N 32 24 8.73	W 103 43 16.05
	18682.00	89.46	358.56	11974.15	6469.88	6386.02	-1100.21	1.51	6480.10	350.22	510769.68	730280.96	N 32 24 9.67	W 103 43 16.06
	18776.00	90.64	359.67	11974.06	6563.42	6480.01	-1101.66	1.72	6572.99	350.35	510863.66	730279.50	N 32 24 10.60	W 103 43 16.08
Enter Target Box	*18842.00*	*88.49*	*357.11*	*11974.56*	*6629.16*	*6545.97*	*-1103.52*	*5.07*	*6638.33*	*350.43*	*510929.62*	*730277.65*	*N 32 24 11.25*	*W 103 43 16.09*
	18871.00	87.55	355.98	11975.56	6658.10	6574.90	-1105.26	5.07	6667.15	350.46	510958.55	730275.90	N 32 24 11.54	W 103 43 16.11
	18966.00	88.80	356.91	11978.59	6752.92	6669.67	-1111.15	1.64	6761.59	350.54	511053.31	730270.02	N 32 24 12.48	W 103 43 16.17
	19061.00	88.46	357.55	11980.86	6847.69	6764.53	-1115.74	0.76	6855.92	350.63	511148.17	730265.43	N 32 24 13.42	W 103 43 16.22
	19155.00	89.14	357.17	11982.83	6941.45	6858.41	-1120.07	0.83	6949.27	350.72	511242.04	730261.10	N 32 24 14.35	W 103 43 16.26
	19250.00	91.03	358.74	11982.69	7036.14	6953.34	-1123.46	2.59	7043.51	350.82	511336.97	730257.71	N 32 24 15.29	W 103 43 16.30
	19345.00	89.69	355.29	11982.09	7130.94	7048.19	-1128.41	3.90	7137.95	350.90	511431.82	730252.76	N 32 24 16.23	W 103 43 16.35
	19439.00	90.63	355.22	11981.83	7224.89	7141.87	-1136.18	1.00	7231.68	350.96	511525.49	730244.99	N 32 24 17.15	W 103 43 16.43
	19533.00	88.42	354.32	11982.61	7318.86	7235.47	-1144.75	2.54	7325.46	351.01	511619.08	730236.42	N 32 24 18.08	W 103 43 16.53
	19628.00	88.82	356.94	11984.90	7413.75	7330.15	-1151.99	2.79	7420.12	351.07	511713.77	730229.18	N 32 24 19.02	W 103 43 16.61
	19723.00	91.00	358.53	11985.05	7508.48	7425.07	-1155.74	2.84	7514.48	351.15	511808.68	730225.43	N 32 24 19.96	W 103 43 16.64
	19817.00	91.11	359.18	11983.32	7602.04	7519.04	-1157.62	0.70	7607.63	351.25	511902.64	730223.55	N 32 24 20.89	W 103 43 16.66
	19912.00	90.23	358.31	11982.20	7696.63	7614.00	-1159.70	1.30	7701.82	351.34	511997.60	730221.47	N 32 24 21.83	W 103 43 16.68
	20101.00	90.56	356.75	11980.90	7885.14	7802.82	-1167.84	0.84	7889.73	351.49	512186.41	730213.33	N 32 24 23.69	W 103 43 16.76
	20196.00	89.68	355.78	11980.70	7980.02	7897.61	-1174.03	1.38	7984.40	351.54	512281.20	730207.14	N 32 24 24.63	W 103 43 16.82
	20291.00	90.52	358.18	11980.54	8074.83	7992.47	-1179.04	2.68	8078.97	351.61	512376.05	730202.14	N 32 24 25.57	W 103 43 16.88
	20385.00	89.75	355.10	11980.32	8168.67	8086.30	-1184.54	3.38	8172.60	351.67	512469.87	730196.63	N 32 24 26.50	W 103 43 16.93
	20480.00	90.59	359.34	11980.03	8263.44	8181.17	-1189.15	4.55	8267.14	351.73	512564.73	730192.02	N 32 24 27.44	W 103 43 16.98
	20575.00	90.14	359.83	11979.43	8357.89	8276.16	-1189.84	0.70	8361.25	351.82	512659.72	730191.33	N 32 24 28.38	W 103 43 16.98
	20669.00	89.30	356.54	11979.89	8451.56	8370.10	-1192.82	3.61	8454.67	351.89	512753.66	730188.36	N 32 24 29.31	W 103 43 17.01
	20764.00	89.22	359.20	11981.11	8546.26	8465.02	-1196.35	2.80	8549.14	351.96	512848.57	730184.83	N 32 24 30.25	W 103 43 17.05
	20859.00	90.29	0.23	11981.52	8640.69	8560.01	-1196.82	1.56	8643.27	352.04	512943.56	730184.35	N 32 24 31.19	W 103 43 17.05
	20954.00	90.79	0.82	11980.63	8734.96	8655.00	-1195.95	0.81	8737.24	352.13	513038.55	730185.22	N 32 24 32.13	W 103 43 17.03
	21048.00	90.14	0.01	11979.86	8828.26	8749.00	-1195.27	1.10	8830.27	352.22	513132.53	730185.90	N 32 24 33.06	W 103 43 17.02
	21143.00	89.65	358.75	11980.04	8922.74	8843.99	-1196.30	1.42	8924.53	352.30	513227.52	730184.88	N 32 24 34.00	W 103 43 17.02
	21238.00	89.82	357.96	11980.48	9017.39	8938.95	-1199.02	0.85	9019.00	352.36	513322.48	730182.15	N 32 24 34.94	W 103 43 17.05
	21332.00	91.44	1.84	11979.44	9110.77	9032.92	-1199.19	4.47	9112.17	352.44	513416.44	730181.99	N 32 24 35.87	W 103 43 17.04
	21427.00	91.86	3.26	11976.71	9204.53	9127.78	-1194.96	1.56	9205.67	352.54	513511.30	730186.21	N 32 24 36.81	W 103 43 16.99
	21522.00	91.63	3.39	11973.81	9298.08	9222.58	-1189.45	0.28	9298.97	352.65	513606.09	730191.72	N 32 24 37.74	W 103 43 16.92
	21617.00	90.71	1.70	11971.87	9391.86	9317.46	-1185.24	2.03	9392.54	352.75	513700.97	730195.93	N 32 24 38.68	W 103 43 16.86
	21711.00	91.90	3.37	11969.73	9484.65	9411.34	-1181.08	2.18	9485.16	352.85	513794.85	730200.09	N 32 24 39.61	W 103 43 16.81
	21806.00	90.04	1.10	11968.12	9578.51	9506.24	-1177.38	3.09	9578.88	352.94	513889.74	730203.79	N 32 24 40.55	W 103 43 16.76
	21901.00	90.59	0.83	11967.60	9672.69	9601.23	-1175.78	0.64	9672.96	353.02	513984.72	730205.39	N 32 24 41.49	W 103 43 16.73
	21993.00	91.66	1.37	11965.80	9763.85	9693.19	-1174.01	1.30	9764.03	353.09	514076.68	730207.16	N 32 24 42.40	W 103 43 16.70
	22088.00	91.96	1.87	11962.80	9857.84	9788.11	-1171.33	0.61	9857.94	353.18	514171.59	730209.84	N 32 24 43.34	W 103 43 16.67
	22182.00	90.53	2.00	11960.75	9950.78	9882.03	-1168.16	1.53	9950.83	353.26	514265.51	730213.02	N 32 24 44.27	W 103 43 16.62
	22277.00	90.09	2.33	11960.24	10044.68	9976.96	-1164.57	0.58	10044.70	353.34	514360.43	730216.60	N 32 24 45.21	W 103 43 16.58

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 ° ' ")
	22372.00	90.08	3.28	11960.10	10138.41	10071.84	-1159.92	1.00	10138.42	353.43	514455.31	730221.25	N 32 24 46.15	W 103 43 16.51
100' FNL Crossing	*22434.00*	*89.98*	*3.57*	*11960.07*	*10199.48*	*10133.73*	*-1156.21*	*0.50*	*10199.48*	*353.49*	*514517.20*	*730224.96*	*N 32 24 46.76*	*W 103 43 16.47*
	22467.00	89.92	3.73	11960.10	10231.95	10166.67	-1154.11	0.50	10231.96	353.52	514550.13	730227.06	N 32 24 47.08	W 103 43 16.44
Final MWD	22485.00	89.86	3.59	11960.13	10249.67	10184.63	-1152.96	0.85	10249.68	353.54	514568.09	730228.21	N 32 24 47.26	W 103 43 16.43
Proj to TD	22516.00	89.86	3.59	11960.21	10280.18	10215.57	-1151.02	0.00	10280.21	353.57	514599.03	730230.15	N 32 24 47.57	W 103 43 16.40

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	Dr Pi Fed Unit 18_7 IPP 31H / Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'MD
	1	24.000	24.000	Act Stns	26.400	26.400	GYD_GC+DROP+OH-Depth Only	Dr Pi Fed Unit 18_7 IPP 31H / Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'MD
	1	24.000	939.640	Act Stns	26.400	26.400	GYD_GC+DROP+OH	Dr Pi Fed Unit 18_7 IPP 31H / Oxy Dr Pi Fed Unit 18_7 IPP 31H
	1	939.640	22516.000	Act Stns	26.400	26.400	A010Mb_MWD+IFR1+SAG+MS	Dr Pi Fed Unit 18_7 IPP 31H / Oxy Dr Pi Fed Unit 18_7 IPP 31H Gyro+MWD 0' to 22516'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 143897

ACKNOWLEDGMENTS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 143897
	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
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 143897

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 143897
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	RT expires 90 days from ready date	12/5/2022