

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

EMNRD-CD-ARTESIA
RECEIVED: 4/06/2020

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION AS-DRILLED PLAT

¹ API Number 30-015-45871	² Pool Code 96473	³ Pool Name Pierce Crossing; Bone Spring, East
⁴ Property Code 325381	Property Name Guacamole CC 24-23 Fed	⁶ Well Number 12H
⁷ OGRID No. 16696	⁸ Operator Name OXY USA INC	⁹ Elevation 3095'

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
F	24	24S	29E		1395	NORTH	2490	WEST	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
E	23	24S	29E		1697	NORTH	22	WEST	EDDY
¹² Dedicated Acres 240.0	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.

BOTTOM HOLE LOCATION 1697' FNL 22' FWL, SECTION 23 15650' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:655668.97' / Y:438715.79' LAT:32.20556637N / LON:103.96368195W NAD 27, SPCS NM EAST X:614484.90' / Y:438656.98' LAT:32.20544335N / LON:103.96319433W		LAST TAKE POINT 1695' FNL 144' FWL, SECTION 23 15528' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:655790.93' / Y:438718.22' LAT:32.20557189N / LON:103.96328762W NAD 27, SPCS NM EAST X:614606.86' / Y:438659.41' LAT:32.20544886N / LON:103.96280001W	
FIRST TAKE POINT 1829' FNL 2308' FWL, SECTION 24 8056' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:663248.88' / Y:438612.04' LAT:32.20520714N / LON:103.93917663W NAD 27, SPCS NM EAST X:622064.77' / Y:438553.24' LAT:32.20508404N / LON:103.93868971W		KICK OFF POINT 1603' FNL 2615' FWL, SECTION 24 7239' MEASURED DEPTH IN FEET NAD 83, SPCS NM EAST X:663555.29' / Y:438837.00' LAT:32.20582243N / LON:103.93818331W NAD 27, SPCS NM EAST X:622371.18' / Y:438778.19' LAT:32.20569933N / LON:103.93769639W	
SURFACE HOLE LOCATION 1395' FNL 2490' FWL, SECTION 24 NAD 83, SPCS NM EAST X:663429.18' / Y:439044.97' LAT:32.20639540N / LON:103.93858857W NAD 27, SPCS NM EAST X:622245.08' / Y:438986.16' LAT:32.20627231N / LON:103.93810162W		CORNER COORDINATES NAD 83, SPCS NM EAST A - X: 655645.85' / Y: 439085.93' B - X: 660938.87' / Y: 439121.87' C - X: 663588.69' / Y: 439114.01' D - X: 663595.62' / Y: 437788.35' E - X: 660944.94' / Y: 437794.20' F - X: 655649.27' / Y: 437759.13'	
CORNER COORDINATES NAD 27, SPCS NM EAST A - X: 614461.79' / Y: 439027.12' B - X: 619754.78' / Y: 439063.06' C - X: 622404.59' / Y: 439055.21' D - X: 622411.48' / Y: 437729.56' E - X: 619760.82' / Y: 437735.42' F - X: 614465.17' / Y: 437700.34'		SHEET 1 OF 1 JOB No. R4066 REV 3 JCS 4/3/2020	

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: 4/6/2020

Printed Name: Jana Mendiola

E-mail Address: janalyn_mendiola@oxy.com

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

Date of Survey: APRIL 3, 2020

Signature and Seal of Professional Surveyor:

Certificate Number: DAVID W. MYERS 11403

Distances/areas relative to NAD 83 Combined Scale Factor: 0.99978625 Convergence Angle: 00°11'26.29720"

☐ Horizontal Spacing Unit

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

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)



December 10, 2019

OXY USA Incorporated
5 Greenway Plaza, Suite 110
Houston, TX 77046

Re:

S24, T24S, R29E Eddy, NM
N 32.20640 W -103.93859

CLIENT: OXY USA Incorporated
WELL: Guacamole CC 24-23 Federal 12H
FIELD: Pierce Crossing Bone Spring

RIG: H&P 617
COUNTY: Eddy
API NO: 30-015-45871
JOB NO: 19MLH0372

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).
Other information required by your office is as follows.

<u>Name & Title of Surveyor</u>	<u>Drainhole Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Jeremy James FS	Guacamole CC 24-23 Federal 12H Original Hole	612.00 Ft to 15606.00 Ft	November 13, 2019 to November 30, 2019	SlimPulse 3rd Party Corrected

Schlumberger Drilling and Measurements

Drilling Group

Geo Market Area: South West Texas Basin

7220 W I-H 20

Midland, Texas 79706

Phone : (432) 742-5400 (Main)

Fax : (432) 742-5606 (Shared)

Schlumberger**Well Reference:**

S24, T24S, R29E Eddy, NM

N 32.20640 W -103.93859

I, Jeremy James certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of November 13, 2019 through November 30, 2019, conduct or supervise the taking of the SlimPulse & 3rd Party Corrected surveys from a depth of 612.00 feet to a depth of 15606.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of OXY USA Incorporated for the Guacamole CC 24-23 Federal 12H Well (Original Hole) API No. 30-015-45871 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By
Jeremy James
FS

Jeremy James

Subscribed and Sworn to before me this 10 day of December (month) 2019 (yr)

My Commission expires:

6/14/2023*Jean Paul Langlois*

Notary Public

(signature)

Comanche, Oklahoma

(County State)





OXY

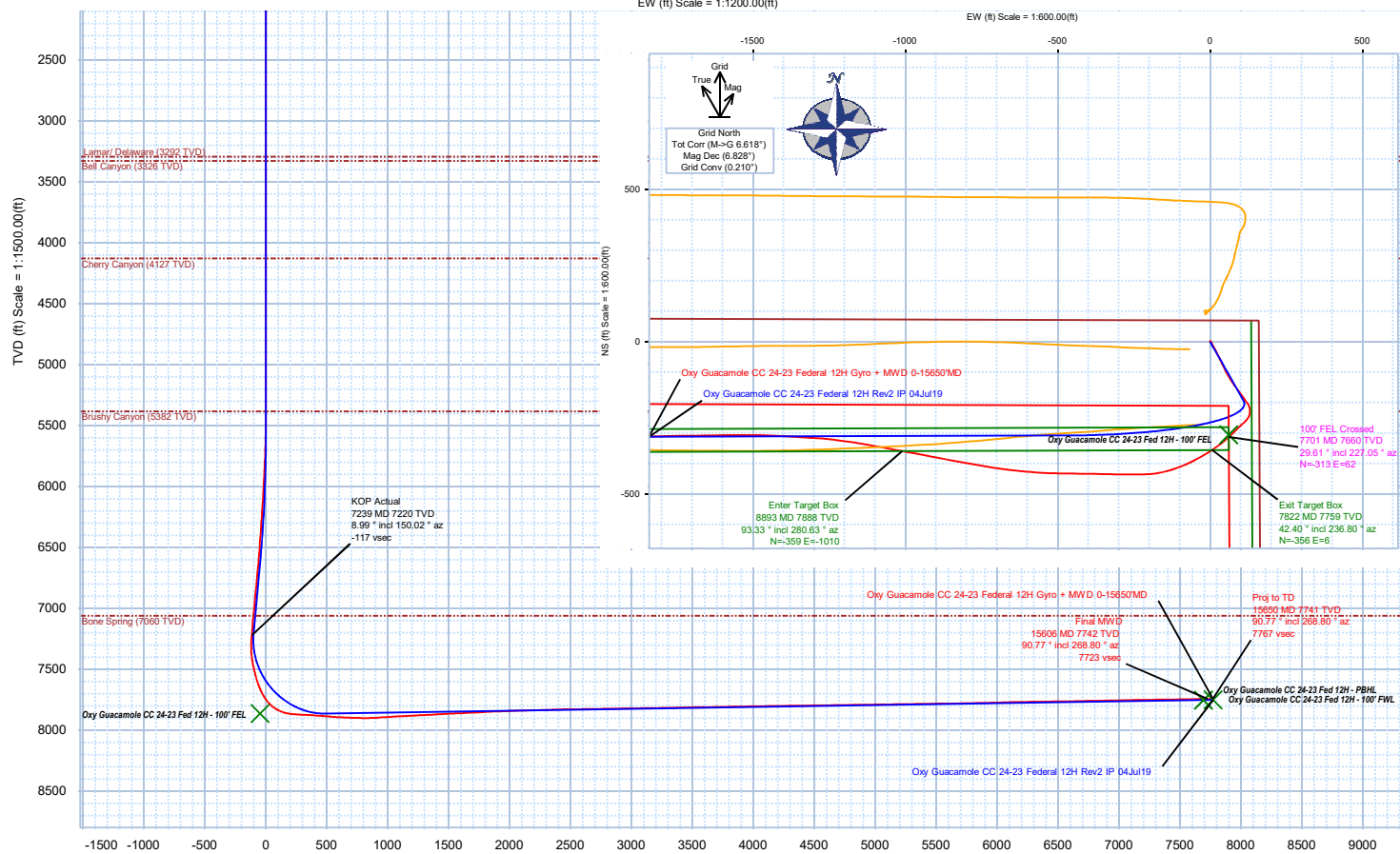
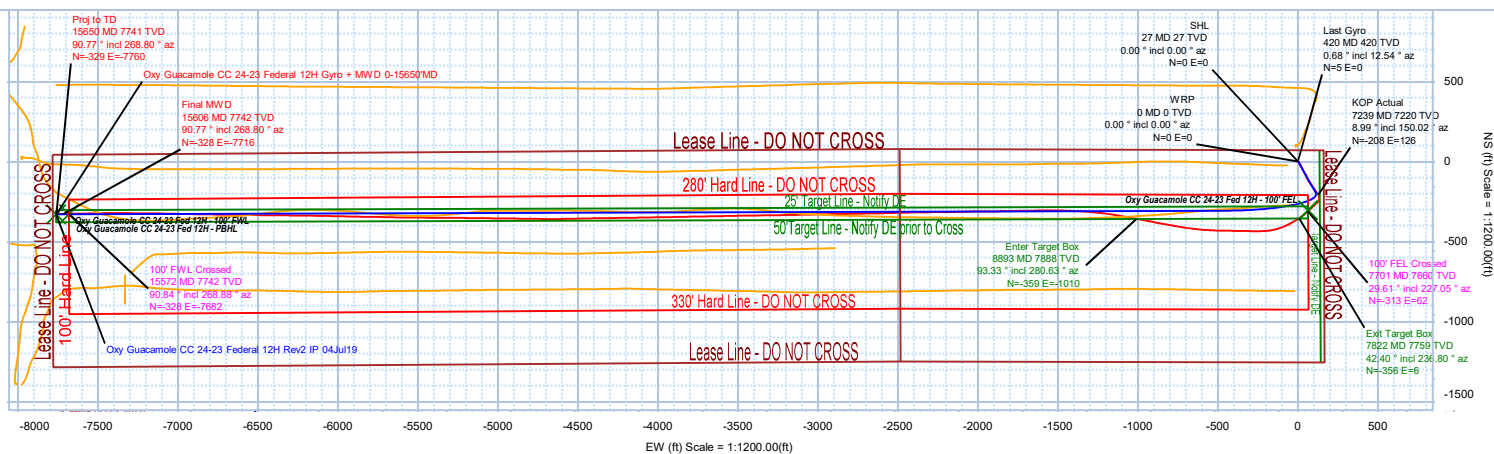


Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Guacamole CC 24-23 Federal 12H	NM Eddy County (NAD 83)	Oxy Guacamole CC 24-23 Federal 12H

Gravity & Magnetic Parameters				Surface Location NAD83 New Mexico State Plane, Eastern Zone, US Feet				Miscellaneous			
Model: IFR1	Dip: 59.898°	Date: 11-Nov-2019		Lat: N 32 12 23.02	Northing: 439044.971US	Grid Conv: 0.2104°		Slot: CC 24-23	TVD Ref: RKB(3121.1ft above MSL)		
MagDec: 6.828°	FS: 47854.5nT	Gravity FS: 998.458mgN (9.80665 Based)		Lon: W 103 56 18.92	Easting: 863429.181US	Scale Fact: 0.99992616		Plan: Oxy Guacamole CC 24-23 Federal 12H Gyro + MWD 0-15650' 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	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00
Last Gyro	420.00	0.68	12.54	419.97	-0.65	4.71	0.45	0.38
KOP Actual	7239.00	8.99	150.02	7219.90	-117.13	-207.98	126.12	1.23
100' FEL Crossed	7701.00	29.61	227.05	7660.25	-48.23	-312.93	61.63	9.26
Exit Target Box	7822.00	42.40	236.80	7758.66	8.72	-355.88	6.46	18.17
Enter Target Box	8893.00	93.33	280.63	7888.13	1024.20	-359.44	-1009.79	1.10
100' FWL Crossed	15572.00	90.84	268.88	7742.18	7689.22	-327.57	-7682.24	0.31
Final MWD	15606.00	90.77	268.80	7741.70	7723.21	-328.26	-7716.23	0.31
Proj to TD	15650.00	90.77	268.80	7741.11	7767.19	-329.18	-7760.21	0.00



Vertical Section (ft) Azim = 267.56° Scale = 1:1500.00(ft) Origin = 0N/-S, 0E/-W

Oxy Guacamole CC 24-23 Federal 12H Gyro + MWD 0-15650'MD Survey

Geodetic Report

(Def Survey)



Report Date: December 03, 2019 - 12:00 PM
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Guacamole CC 24-23 Federal 12H / Oxy Guacamole CC 24-23 Federal 12H
Well: Oxy Guacamole CC 24-23 Federal 12H
Borehole: Original Borehole
UWI / API#: Unknown / 30-015-45871
Survey Name: Oxy Guacamole CC 24-23 Federal 12H Gyro + MWD 0-15650'MD
Survey Date: June 11, 2019
Tort / AHD / DDI / ERD Ratio: 198.230 ° / 8257.640 ft / 6.511 / 1.045
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 12' 23.02343", W 103° 56' 18.91886"
Location Grid N/E Y/X: N 439044.970 ftUS, E 663429.180 ftUS
CRS Grid Convergence Angle: 0.2104 °
Grid Scale Factor: 0.99992616
Version / Patch: 2.10.782.0

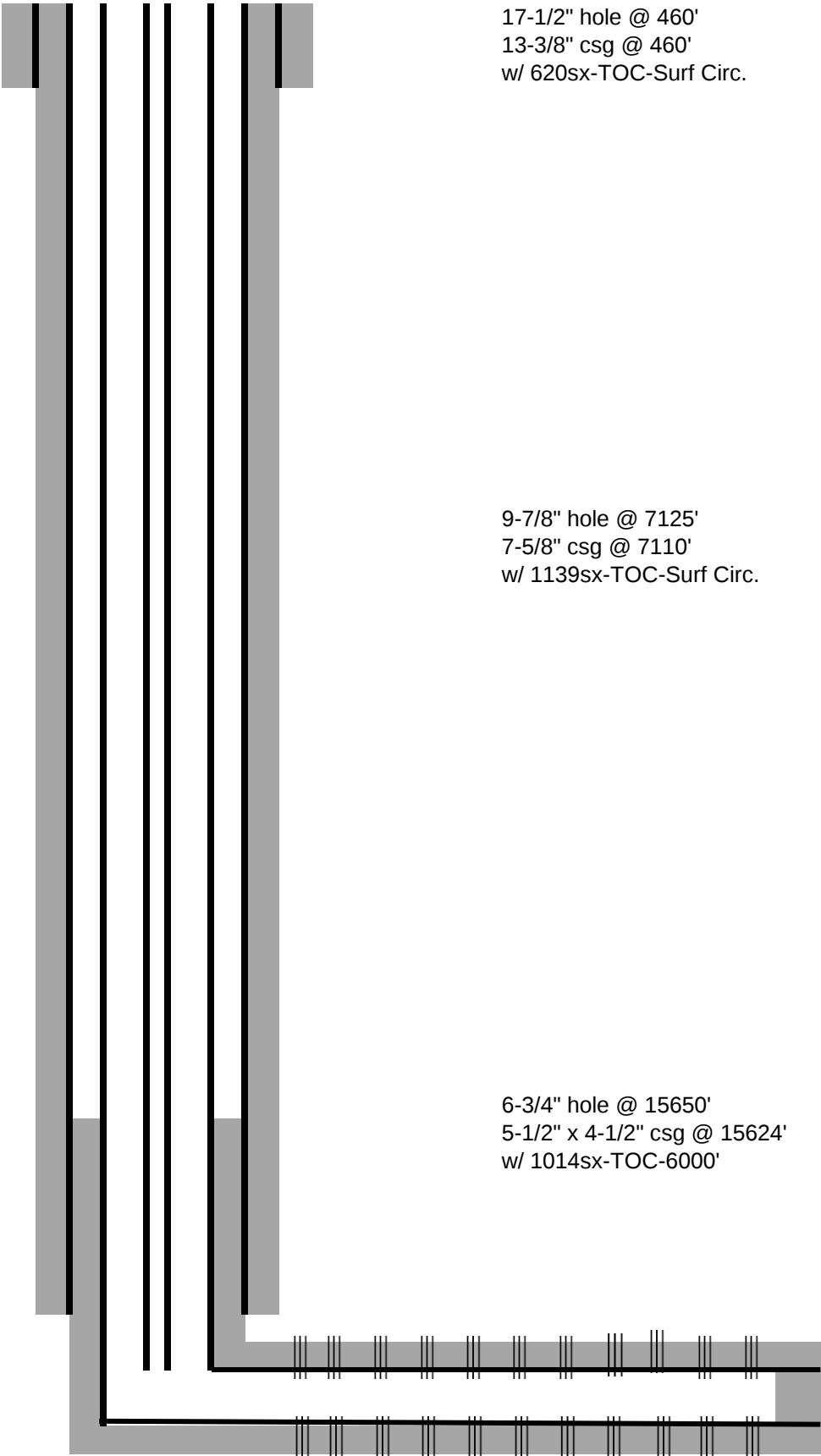
Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 267.556 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3121.100 ft above MSL
Seabed / Ground Elevation: 3094.600 ft above MSL
Magnetic Declination: 6.828 °
Total Gravity Field Strength: 998.4579mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47854.500 nT
Magnetic Dip Angle: 59.898 °
Declination Date: November 11, 2019
Magnetic Declination Model: IFR1
North Reference: Grid North
Grid Convergence Used: 0.2104 °
Total Corr Mag North->Grid North: 6.6176 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	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	439044.97	663429.18	N 32 12 23.02	W 103 56 18.92
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	439044.97	663429.18	N 32 12 23.02	W 103 56 18.92
	118.00	0.82	354.74	118.00	0.03	0.65	-0.06	0.90	439045.62	663429.12	N 32 12 23.03	W 103 56 18.92
	147.00	0.74	353.87	146.99	0.05	1.04	-0.10	0.28	439046.01	663429.08	N 32 12 23.03	W 103 56 18.92
	175.00	0.57	357.98	174.99	0.06	1.36	-0.12	0.63	439046.33	663429.06	N 32 12 23.04	W 103 56 18.92
	201.00	0.57	359.30	200.99	0.06	1.62	-0.13	0.05	439046.59	663429.05	N 32 12 23.04	W 103 56 18.92
	231.00	1.08	354.77	230.99	0.07	2.05	-0.16	1.71	439047.02	663429.02	N 32 12 23.04	W 103 56 18.92
	260.00	1.14	359.16	259.98	0.07	2.61	-0.19	0.36	439047.58	663428.99	N 32 12 23.05	W 103 56 18.92
	291.00	0.68	14.73	290.98	0.01	3.10	-0.14	1.67	439048.07	663429.04	N 32 12 23.05	W 103 56 18.92
	323.00	0.82	22.88	322.98	-0.14	3.49	-0.01	0.55	439048.46	663429.17	N 32 12 23.06	W 103 56 18.92
	354.00	0.86	20.84	353.97	-0.33	3.92	0.16	0.16	439048.89	663429.34	N 32 12 23.06	W 103 56 18.92
Last Gyro	386.00	0.71	22.89	385.97	-0.51	4.32	0.32	0.48	439049.29	663429.50	N 32 12 23.07	W 103 56 18.91
	420.00	0.68	12.54	419.97	-0.65	4.71	0.45	0.38	439049.68	663429.63	N 32 12 23.07	W 103 56 18.91
	612.00	0.13	209.58	611.96	-0.83	5.64	0.59	0.42	439050.61	663429.77	N 32 12 23.08	W 103 56 18.91
	705.00	0.08	243.43	704.96	-0.72	5.52	0.48	0.08	439050.49	663429.66	N 32 12 23.08	W 103 56 18.91
	795.00	0.08	262.67	794.96	-0.60	5.48	0.36	0.03	439050.45	663429.54	N 32 12 23.08	W 103 56 18.91
	885.00	0.10	54.82	884.96	-0.60	5.52	0.36	0.19	439050.49	663429.54	N 32 12 23.08	W 103 56 18.91
	976.00	0.08	95.46	975.96	-0.73	5.56	0.49	0.07	439050.53	663429.67	N 32 12 23.08	W 103 56 18.91
	1067.00	0.08	208.22	1066.96	-0.76	5.50	0.53	0.15	439050.46	663429.71	N 32 12 23.08	W 103 56 18.91
	1156.00	0.08	151.84	1155.96	-0.75	5.39	0.53	0.08	439050.36	663429.71	N 32 12 23.08	W 103 56 18.91
	1248.00	0.08	138.25	1247.96	-0.82	5.28	0.60	0.02	439050.25	663429.78	N 32 12 23.08	W 103 56 18.91
	1434.00	0.11	100.97	1433.96	-1.08	5.15	0.86	0.04	439050.12	663430.04	N 32 12 23.07	W 103 56 18.91
	1623.00	0.08	134.34	1622.96	-1.35	5.02	1.13	0.03	439049.99	663430.31	N 32 12 23.07	W 103 56 18.91
	1718.00	0.08	127.29	1717.96	-1.44	4.94	1.23	0.01	439049.91	663430.41	N 32 12 23.07	W 103 56 18.90
	1812.00	0.10	88.21	1811.96	-1.57	4.90	1.37	0.07	439049.87	663430.55	N 32 12 23.07	W 103 56 18.90
	1906.00	0.08	307.39	1905.96	-1.61	4.94	1.40	0.18	439049.91	663430.58	N 32 12 23.07	W 103 56 18.90
	2001.00	0.08	277.05	2000.96	-1.49	4.99	1.28	0.04	439049.96	663430.46	N 32 12 23.07	W 103 56 18.90
	2095.00	0.08	172.42	2094.96	-1.43	4.93	1.22	0.13	439049.90	663430.40	N 32 12 23.07	W 103 56 18.90
	2284.00	0.08	280.86	2283.96	-1.31	4.83	1.11	0.07	439049.80	663430.29	N 32 12 23.07	W 103 56 18.91
	2378.00	0.11	206.09	2377.96	-1.21	4.76	1.01	0.13	439049.73	663430.19	N 32 12 23.07	W 103 56 18.91
	2473.00	0.05	127.84	2472.96	-1.20	4.65	1.00	0.12	439049.62	663430.18	N 32 12 23.07	W 103 56 18.91
	2568.00	0.11	352.22	2567.96	-1.22	4.72	1.02	0.16	439049.69	663430.20	N 32 12 23.07	W 103 56 18.91
	2662.00	0.08	24.01	2661.96	-1.24	4.87	1.03	0.06	439049.84	663430.21	N 32 12 23.07	W 103 56 18.91
	2757.00	0.11	302.91	2756.96	-1.19	4.98	0.98	0.13	439049.95	663430.16	N 32 12 23.07	W 103 56 18.91
	2851.00	0.08	34.69	2850.96	-1.16	5.08	0.94	0.15	439050.05	663430.12	N 32 12 23.07	W 103 56 18.91
	2946.00	0.04	303.79	2945.96	-1.17	5.15	0.96	0.09	439050.12	663430.13	N 32 12 23.07	W 103 56 18.91
	3040.00	0.15	145.06	3039.96	-1.21	5.07	1.00	0.20	439050.04	663430.18	N 32 12 23.07	W 103 56 18.91
	3135.00	0.07	243.19	3134.96	-1.23	4.94	1.02	0.18	439049.91	663430.20	N 32 12 23.07	W 103 56 18.91
	3229.00	0.13	250.08	3228.96	-1.07	4.88	0.87	0.06	439049.85	663430.05	N 32 12 23.07	W 103 56 18.91
	3323.00	0.08	298.20	3322.96	-0.92	4.87	0.71	0.10	439049.84	663429.89	N 32 12 23.07	W 103 56 18.91
	3418.00	0.08	249.97	3417.96	-0.79	4.88	0.59	0.07	439049.85	663429.77	N 32 12 23.07	W 103 56 18.91
	3512.00	0.04	270.05	3511.96	-0.70	4.86	0.49	0.05	439049.83	663429.67	N 32 12 23.07	W 103 56 18.91
	3607.00	0.14	333.42	3606.96	-0.62	4.96	0.41	0.13	439049.93	663429.59	N 32 12 23.07	W 103 56 18.91
	3701.00	0.04	203.99	3700.96	-0.56	5.04	0.34	0.18	439050.01	663429.52	N 32 12 23.07	W 103 56 18.91
	3890.00	0.01	10.24	3889.96	-0.53	4.99	0.32	0.03	439049.96	663429.50	N 32 12 23.07	W 103 56 18.91
	3984.00	0.07	83.35	3983.96	-0.59	5.01	0.38	0.07	439049.98	663429.56	N 32 12 23.07	W 103 56 18.91
	4079.00	0.07	66.52	4078.96	-0.70	5.04	0.49	0.02	439050.01	663429.67	N 32 12 23.07	W 103 56 18.91
	4173.00	0.08	93.88	4172.96	-0.82	5.06	0.61	0.04	439050.03	663429.79	N 32 12 23.07	W 103 56 18.91
	4268.00	0.10	296.86	4267.96	-0.82	5.09	0.60	0.19	439050.06	663429.78	N 32 12 23.07	W 103 56 18.91
	4362.00	0.06	347.12	4361.96	-0.73	5.17	0.51	0.08	439050.14	663429.69	N 32 12 23.07	W 103 56 18.91
	4456.00	0.11	157.74	4455.96	-0.76	5.14	0.54	0.18	439050.11	663429.72	N 32 12 23.07	W 103 56 18.91
4551.00	0.04	270.00	4550.96	-0.75	5.05	0.54	0.14	439050.02	663429.72	N 32 12 23.07	W 103 56 18.91	
4646.00	0.12	4.53	4645.96	-0.73	5.15	0.51	0.14	439050.12	663429.69	N 32 12 23.07	W 103 56 18.91	
4740.00	0.03	136.18	4739.96	-0.76	5.23	0.54	0.15	439050.20	663429.72	N 32 12 23.08	W 103 56 18.91	
4835.00	0.04	142.07	4834.96	-0.80	5.19	0.58	0.01	439050.16	663429.76	N 32 12 23.07	W 103 56 18.91	
4930.00	0.11	256.99	4929.96	-0.73	5.14	0.51	0.14	439050.11	663429.69	N 32 12 23.07	W 103 56 18.91	
5024.00	0.18	355.39	5023.96	-0.63	5.27	0.41	0.24	439050.24	663429.59	N 32 12 23.08	W 103 56 18.91	
5213.00	0.17	186.94	5212.96	-0.58	5.29	0.35	0.18	439050.26	663429.53	N 32 12 23.08	W 103 56 18.91	
5307.00	0.10	135.68	5306.96	-0.61	5.09	0.39	0.14	439050.06	663429.57	N 32 12 23.07	W 103 56 18.91	
5402.00	0.04	183.66	5401.96	-0.66	5.00	0.45	0.08	439049.97	663429.63	N 32 12 23.07	W 103 56 18.91	
5497.00	1.45	149.21	5496.95	-1.23	3.93	1.06	1.49	439048.90	663430.24	N 32 12 23.06	W 103 56 18.91	
5686.00	4.47	154.65	5685.67	-5.23	-4.78	5.44	1.60	439040.19	663434.62	N 32 12 22.98	W 103 56 18.86	
5781.00	5.41	150.90	5780.32	-8.68	-12.04	9.20	1.05	439032.93	663438.38	N 32 12 22.90	W 103 56 18.81	
5875.00	6.19	151.79	5873.84	-12.87	-20.38	13.75	0.84	439024.59	663442.93	N 32 12 22.82	W 103 56 18.76	
5970.00	7.02	152.12	5968.21	-17.59	-30.02	18.89	0.87	439014.95	663448.07	N 32 12 22.73	W 103 56 18.70	
6065.00	8.36	153.95	6062.35	-22.85	-41.36	24.64	1.43	439003.61	663453.81	N 32 12 22.61	W 103 56 18.63	
6159.00	9.12	153.86	6155.26	-28.58	-54.19	30.92	0.81	438990.79	663460.10	N 32 12 22.49	W 103 56 18.56	
6253.00	9.93	155.10	6247.96	-34.67	-68.23	37.61	0.89	438976.75	663466.79	N 32 12 22.35	W 103 56 18.48	
6348.00	10.01	153.85	6341.53	-41.12	-83.07	44.70	0.24	438961.91	663473.88	N 32 12 22.20	W 103 56 18.40	
6443.00	9.77	153.50	6435.12	-47.72	-97.69	51.94	0.26	438947.29	663481.11	N 32 12 22.05	W 103 56 18.32	
6537.00	9.71	150.40	6527.76	-54.59	-111.72	59.41	0.56	438933.26	663488.59	N 32 12 21.92	W 103 56 18.23	
6726.00	9.77	144.86	6714.04	-70.53	-138.69	76.51	0.50	438906.29	663505.69	N 32 12 21.65	W 103 56 18.03	
6820.00	9.70	142.80	6806.69	-79.35	-151.52	85.89	0.38	438893.46	663515.07	N 32 12 21.52	W 103 56 17.93	
6915.00	9.70	143.52	6900.33	-88.39	-164.33	95.49	0.13	438880.65	663524.66	N 32 12 21.39	W 103 56 17.81	
7009.00	9.98	145.66	6992.95	-97.13	-177.43	104.79	0.49	438867.56	663533.96	N 32 12 21.26	W 103 56 17.71	
7079.00	9.56	144.35	7061.93	-103.52	-187.16	111.60	0.68	438857.83	663540.77	N 32 12 21.17	W 103 56 17.63	
7144.00												

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	7334.00	13.46	172.85	7313.11	-121.48	-225.39	131.21	6.55	438819.59	663560.38	N 32 12 20.79	W 103 56 17.40
	7429.00	15.61	209.07	7405.25	-115.69	-247.58	126.36	9.66	438797.41	663555.53	N 32 12 20.57	W 103 56 17.46
	7523.00	15.99	229.36	7495.76	-98.89	-267.08	110.38	5.86	438777.91	663539.55	N 32 12 20.38	W 103 56 17.65
	7618.00	21.95	225.55	7585.57	-75.39	-288.06	87.76	6.40	438756.93	663516.93	N 32 12 20.17	W 103 56 17.91
100' FEL Crossed	7701.00	29.61	227.05	7660.25	-48.23	-312.93	61.63	9.26	438732.06	663490.81	N 32 12 19.92	W 103 56 18.21
	7713.00	30.72	227.21	7670.63	-43.64	-317.03	57.21	9.26	438727.96	663486.39	N 32 12 19.88	W 103 56 18.27
	7807.00	39.78	235.65	7747.36	0.30	-350.40	14.65	10.92	438694.60	663443.83	N 32 12 19.56	W 103 56 18.76
Exit Target Box	7822.00	42.40	236.80	7758.66	8.72	-355.88	6.46	18.17	438689.12	663435.64	N 32 12 19.50	W 103 56 18.86
	7902.00	56.51	241.44	7810.55	62.14	-386.76	-45.69	18.17	438658.23	663383.49	N 32 12 19.20	W 103 56 19.47
	7997.00	73.00	251.80	7851.02	142.16	-420.20	-124.35	19.94	438624.81	663304.84	N 32 12 18.87	W 103 56 20.38
	8091.00	86.28	268.37	7868.00	233.34	-435.74	-214.95	22.33	438609.26	663214.25	N 32 12 18.72	W 103 56 21.44
	8186.00	87.66	271.63	7873.02	328.10	-435.74	-309.80	3.72	438609.26	663119.40	N 32 12 18.72	W 103 56 22.54
	8257.00	86.47	270.79	7876.66	398.86	-434.24	-380.69	2.05	438610.76	663048.52	N 32 12 18.74	W 103 56 23.37
	8350.00	84.85	270.54	7883.69	491.46	-433.17	-473.41	1.76	438611.84	662955.80	N 32 12 18.75	W 103 56 24.45
	8444.00	86.65	273.67	7890.66	584.89	-429.72	-567.08	3.83	438615.28	662862.15	N 32 12 18.79	W 103 56 25.54
	8537.00	87.71	277.19	7895.24	676.88	-420.93	-659.53	3.95	438624.07	662769.70	N 32 12 18.88	W 103 56 26.61
	8630.00	88.95	279.75	7897.95	768.15	-407.24	-751.47	3.06	438637.76	662677.77	N 32 12 19.02	W 103 56 27.68
	8723.00	91.43	280.58	7897.64	858.90	-390.83	-843.00	2.81	438654.17	662586.24	N 32 12 19.19	W 103 56 28.75
	8818.00	94.15	280.71	7893.02	951.31	-373.30	-936.25	2.87	438671.70	662493.01	N 32 12 19.36	W 103 56 29.83
Enter Target Box	8893.00	93.33	280.63	7888.13	1024.20	-359.44	-1009.79	1.10	438685.55	662419.47	N 32 12 19.50	W 103 56 30.69
	8913.00	93.11	280.61	7887.00	1043.65	-355.76	-1029.42	1.10	438689.23	662399.84	N 32 12 19.54	W 103 56 30.91
	9007.00	92.87	279.97	7882.10	1135.21	-339.00	-1121.78	0.73	438706.00	662307.49	N 32 12 19.71	W 103 56 31.99
	9102.00	92.84	277.39	7877.37	1228.31	-324.68	-1215.57	2.71	438720.32	662213.71	N 32 12 19.85	W 103 56 33.08
	9197.00	92.91	273.60	7872.60	1322.26	-315.59	-1309.99	3.99	438729.40	662119.29	N 32 12 19.95	W 103 56 34.18
	9291.00	92.98	273.06	7867.77	1415.66	-310.14	-1403.71	0.58	438734.85	662025.58	N 32 12 20.01	W 103 56 35.27
	9386.00	92.91	270.71	7862.89	1510.26	-307.02	-1498.53	2.47	438737.97	661930.77	N 32 12 20.04	W 103 56 36.37
	9481.00	92.77	269.09	7858.18	1605.06	-307.19	-1593.41	1.71	438737.81	661835.89	N 32 12 20.03	W 103 56 37.48
	9575.00	93.11	269.07	7853.36	1698.90	-308.69	-1687.27	0.36	438736.30	661742.04	N 32 12 20.04	W 103 56 38.57
	9670.00	92.98	268.99	7848.31	1793.73	-310.30	-1782.12	0.16	438734.69	661647.19	N 32 12 20.02	W 103 56 39.67
	9765.00	91.67	268.85	7844.46	1888.63	-312.09	-1877.03	1.39	438732.90	661552.30	N 32 12 20.00	W 103 56 40.78
	9860.00	92.32	269.74	7841.15	1983.52	-313.26	-1971.96	1.16	438731.74	661457.37	N 32 12 19.99	W 103 56 41.88
	9954.00	91.53	268.91	7837.99	2077.43	-314.36	-2065.90	1.22	438730.63	661363.44	N 32 12 19.99	W 103 56 42.98
	10049.00	91.50	269.20	7835.48	2172.36	-315.93	-2160.85	0.31	438729.06	661268.49	N 32 12 19.98	W 103 56 44.08
	10143.00	91.53	269.21	7833.00	2266.29	-317.23	-2254.81	0.03	438727.76	661174.54	N 32 12 19.97	W 103 56 45.17
	10237.00	92.08	269.49	7830.04	2360.19	-318.30	-2348.76	0.66	438726.69	661080.60	N 32 12 19.96	W 103 56 46.27
	10331.00	91.08	268.57	7827.45	2454.13	-319.89	-2442.71	1.45	438725.10	660986.66	N 32 12 19.95	W 103 56 47.36
	10426.00	90.71	268.41	7825.96	2549.10	-322.39	-2537.66	0.42	438722.60	660891.71	N 32 12 19.92	W 103 56 48.47
	10521.00	90.81	269.04	7824.70	2644.07	-324.51	-2632.63	0.67	438720.49	660796.75	N 32 12 19.91	W 103 56 49.57
	10616.00	90.77	268.55	7823.39	2739.04	-326.51	-2727.60	0.52	438718.49	660701.79	N 32 12 19.89	W 103 56 50.68
	10710.00	90.98	269.32	7821.96	2833.00	-328.25	-2821.57	0.85	438716.74	660607.82	N 32 12 19.88	W 103 56 51.77
	10805.00	91.05	269.10	7820.27	2927.95	-329.56	-2916.55	0.24	438715.43	660512.85	N 32 12 19.87	W 103 56 52.88
	10899.00	90.95	268.60	7818.63	3021.91	-331.45	-3010.51	0.54	438713.55	660418.89	N 32 12 19.85	W 103 56 53.97
	10994.00	90.91	269.10	7817.09	3116.87	-333.35	-3105.48	0.53	438711.64	660323.93	N 32 12 19.84	W 103 56 55.08
	11089.00	90.84	268.78	7815.64	3211.83	-335.11	-3200.45	0.34	438709.88	660228.97	N 32 12 19.82	W 103 56 56.18
	11183.00	90.98	269.00	7814.15	3305.80	-336.93	-3294.42	0.28	438708.06	660135.01	N 32 12 19.81	W 103 56 57.27
	11278.00	91.26	269.11	7812.29	3400.74	-338.50	-3389.39	0.32	438706.50	660040.04	N 32 12 19.80	W 103 56 58.38
	11373.00	90.98	269.37	7810.43	3495.69	-339.76	-3484.37	0.40	438705.24	659945.08	N 32 12 19.79	W 103 56 59.49
	11467.00	90.71	268.40	7809.05	3589.65	-341.59	-3578.34	1.07	438703.41	659851.11	N 32 12 19.77	W 103 57 0.58
	11562.00	91.01	269.03	7807.62	3684.62	-343.72	-3673.30	0.73	438701.28	659756.16	N 32 12 19.75	W 103 57 1.68
	11656.00	91.05	269.18	7805.93	3778.57	-345.19	-3767.28	0.17	438699.81	659662.19	N 32 12 19.74	W 103 57 2.78
	11751.00	90.71	268.63	7804.47	3873.53	-347.00	-3862.25	0.68	438697.99	659567.23	N 32 12 19.73	W 103 57 3.88
	11845.00	91.08	269.04	7803.00	3967.50	-348.91	-3956.22	0.59	438696.08	659473.26	N 32 12 19.71	W 103 57 4.98
	11940.00	90.98	269.17	7801.30	4062.45	-350.40	-4051.19	0.17	438694.60	659378.30	N 32 12 19.69	W 103 57 6.08
	12034.00	90.57	268.92	7800.02	4156.40	-351.96	-4145.17	0.51	438693.03	659284.33	N 32 12 19.67	W 103 57 7.18
	12129.00	91.05	269.34	7798.68	4251.36	-353.41	-4240.15	0.67	438691.59	659189.36	N 32 12 19.68	W 103 57 8.28
	12224.00	90.81	269.18	7797.14	4346.30	-354.63	-4335.12	0.30	438690.37	659094.38	N 32 12 19.67	W 103 57 9.39
	12318.00	90.67	268.88	7795.93	4440.27	-356.22	-4429.10	0.35	438688.77	659000.41	N 32 12 19.66	W 103 57 10.48
	12413.00	90.77	268.68	7794.73	4535.24	-358.25	-4524.07	0.24	438686.75	658905.45	N 32 12 19.64	W 103 57 11.59
	12507.00	90.88	268.88	7793.38	4629.20	-360.25	-4618.04	0.24	438684.75	658811.49	N 32 12 19.62	W 103 57 12.68
	12602.00	90.98	271.08	7791.84	4724.10	-360.28	-4713.02	2.32	438684.72	658716.51	N 32 12 19.63	W 103 57 13.79
	12696.00	90.84	270.84	7790.34	4817.92	-358.71	-4807.00	0.30	438686.29	658622.54	N 32 12 19.65	W 103 57 14.88
	12791.00	90.74	270.80	7789.03	4912.76	-357.35	-4901.98	0.11	438687.65	658527.57	N 32 12 19.66	W 103 57 15.98
	12886.00	90.60	270.44	7787.92	5007.62	-356.32	-4996.97	0.41	438688.68	658432.59	N 32 12 19.68	W 103 57 17.09
	12980.00	91.01	270.60	7786.60	5101.48	-355.46	-5090.96	0.47	438689.53	658338.61	N 32 12 19.69	W 103 57 18.18
	13075.00	91.19	270.97	7784.78	5196.31	-354.16	-5185.93	0.43	438690.83	658243.64	N 32 12 19.70	W 103 57 19.29
	13170.00	90.70	270.43	7783.21	5291.16	-353.00	-5280.91	0.77	438691.99	658148.67	N 32 12 19.72	W 103 57 20.39
	13264.00	90.46	270.29	7782.26	5385.04	-352.41	-5374.90	0.30	438692.58	658054.69	N 32 12 19.73	W 103 57 21.49
	13359.00	90.98	270.73	7781.07	5479.91	-351.57	-5469.89	0.72	438693.43	657959.71	N 32 12 19.74	W 103 57 22.59
	13454.00	90.77	270.30	7779.62	5574.77	-350.71	-5564.87	0.50	438694.28	657864.73	N 32 12 19.75	W 103 57 23.70
	13548.00	91.12	270.98	7778.07	5668.62	-349.66	-5658.86	0.81	438695.33	657770.75	N 32 12 19.76	W 103 57 24.79
	13643.00	91.01	271.26	7776.30	5763.42	-347.81	-5753.82	0.32	438697.19	657675.80	N 32 12 19.79	W 103 57 25.90
	13737.00	91.26	270.97	7774.44	5857.22	-345.98	-5847.78	0.41	438699.02	657581.84	N 32 12 19.81	W 103 57 26.99
	13832.00	90.84	271.23	7772.70	5952.02	-344.15	-5942.75	0.52	438700.84	657486.88	N 32 12 19.83	W 103 57 28.10
	13926.00	92.39	271.55	7770.05	6045.77	-341.88	-6036.68	1.68	438703.12	657392.96	N 32 12 19.85	W 103 57 29.19
	14021.00	90.84	270.73	7767.37	6140.54	-339.99	-6131.62	1.85	438705.01	657298.02	N 32 12 19.88	W 103 57 30.29
	14115.00	90.84	270.85	7765.99								

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
		1	0.000	26.500	1/98.425	30.000	30.000	GYD_GC+DROP+OH-Depth Only			Original Borehole / Oxy Guacamole CC 24-23 Federal 12H Gyro + MWD 0-15650'MD	
		1	26.500	26.500	Act Stns	30.000	30.000	GYD_GC+DROP+OH-Depth Only			Original Borehole / Oxy Guacamole CC 24-23 Federal 12H Gyro + MWD 0-15650'MD	
		1	26.500	612.000	Act Stns	30.000	30.000	GYD_GC+DROP+OH			Original Borehole / Oxy Guacamole CC 24-23 Federal 12H Gyro + MWD 0-15650'MD	
		1	612.000	7079.000	Act Stns	30.000	30.000	A010Mb_MWD+IFR1+SAG+MS			Original Borehole / Oxy Guacamole CC 24-23 Federal 12H Gyro + MWD 0-15650'MD	
		1	7079.000	7713.000	Act Stns	30.000	30.000	B001Mb_MWD+HRGM			Original Borehole / Oxy Guacamole CC 24-23 Federal 12H Gyro + MWD 0-15650'MD	
		1	7713.000	15650.000	Act Stns	30.000	30.000	A010Mb_MWD+IFR1+SAG+MS			Original Borehole / Oxy Guacamole CC 24-23 Federal 12H Gyro + MWD 0-15650'MD	

OXY USA Inc.
Guacamole CC 24-23 Federal 12H
API No. 30-015-45871



2-7/8" tbg w/ gas lift @ 7649'

Perfs @ 8056-15528'

TD- 15650'M 7741'V