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District IV
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State of New Mexico JAN 03 2020
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DISTRICT/ARTESIA O.C.D.
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
(As-Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45871	Pool Code 96473	Pool Name Pierce Crossing; Bone Spring, East
Property Code 325381	Property Name GUACAMOLE CC "24_23" FEDERAL	Well Number 12H
OGRID No. 16696	Operator Name OXY USA INC.	Elevation 3094.6'

Surface Location

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	24 SOUTH	29 EAST, N.M.P.M.		1395'	NORTH	2490'	WEST	EDDY

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	24 SOUTH	29 EAST, N.M.P.M.		1724, NORTH	18020 WEST	EDDY
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.				
240	Y			FTP-1828 FNL 2310 FWL (F, Sec. 24) LTP-1722 FNL 142 FWL (E, Sec. 23)			

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.

GRID AZ = 159°57'33"
325.12'

GRID AZ = 269°48'38" 7713.58' IN ALL

PRODUCING AREA

PROJECT AREA

BOTTOM HOLE LOCATION
NEW MEXICO EAST
NAD 1983
Y=438714.01 US FT
X=655827.06 US FT
LAT.: N 32.205560°
LONG.: W 103.9631709°

BOTTOM PERF.
NEW MEXICO EAST
NAD 1983
Y=438714.54 US FT
X=655987.06 US FT
LAT.: N 32.205559°
LONG.: W 103.9626536°

TOP PERF.
NEW MEXICO EAST
NAD 1983
Y=438738.57 US FT
X=663250.60 US FT
LAT.: N 32.205555°
LONG.: W 103.9391696°

SURFACE LOCATION
NEW MEXICO EAST
NAD 1983
Y=439044.97 US FT
X=663429.18 US FT
LAT.: N 32.206395°
LONG.: W 103.9385886°

KICK OFF POINT
NEW MEXICO EAST
NAD 1983
Y=438739.53 US FT
X=663540.60 US FT
LAT.: N 32.205554°
LONG.: W 103.9382320°

Well Location Coordinates:
Y=439085.73 US FT
X=655846.04 US FT
Y=439121.83 US FT
X=660938.80 US FT
Y=439113.84 US FT
X=663588.73 US FT
Y=437788.30 US FT
X=663595.64 US FT
Y=437758.67 US FT
X=655849.68 US FT
Y=437794.15 US FT
X=660944.94 US FT

Distances:
330', 2490', 2310', 2600', 1700', 1395', 1724', 1922', 142'

RECEIVED

JAN 03 2020

Intent ☐ As Drilled ☒API #
30-015-45871

DISTRICT/ARTESIAO.C.D.

Operator Name:
OXY USA Inc.Property Name:
Guacamole CC 24-23 FederalWell Number
12H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	24	24S	29E		1603	N	2616	W	EDDY
Latitude 32.20582					Longitude -103.93818			NAD NAD83	

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	24	24S	29E		1828	N	2310	W	EDDY
Latitude 32.20521					Longitude -103.93918			NAD NAD83	

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
E	23	24S	29E		1722	N	142	W	EDDY
Latitude 32.20557					Longitude -103.96329			NAD NAD83	

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

* * * * *

A Certified Directional Survey requested as required by NMOCD Rule 19.15.16.14 NMAC

Schlumberger

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	Survey / DLS Computation:	Minimum Curvature / Lubinski
Client:	OXY	Vertical Section Azimuth:	267.556° (Grid North)
Field:	NM Eddy County (NAD 83)	Vertical Section Origin:	0.000 ft, 0.000 ft
Structure / Slot:	Oxy Guacamole CC 24-23 Federal 12H / Oxy Guacamole CC 24-23 Federal 12H	TVD Reference Datum:	RKB
Well:	Oxy Guacamole CC 24-23 Federal 12H	TVD Reference Elevation:	3121.100 ft above MSL
Borehole:	Original Borehole	Seabed / Ground Elevation:	3094.600 ft above MSL
UWI / API#:	Unknown / 30-015-45871	Magnetic Declination:	6.828°
Survey Name:	Oxy Guacamole CC 24-23 Federal 12H Gyro + MWD 0-15650' MD	Total Gravity Field Strength:	998.4579mgn (9.80665 Based)
Survey Date:	June 11, 2019	Gravity Model:	GARM
Tort / AHD / DDI / ERD Ratio:	198.230° / 8257.640 ft / 6.511° / 1.045	Total Magnetic Field Strength:	47854.500 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	Magnetic Dip Angle:	59.898°
Location Lat / Long:	N 32° 12' 23.0243", W 103° 56' 18.91886"	Declination Date:	November 11, 2019
Location Grid N/E Y/X:	N 439044.970 RUS, E 663429.180 RUS	Magnetic Declination Model:	IFR1
CRS Grid Convergence Angle:	0.2104°	North Reference:	Grid North
Grid Scale Factor:	0.99992616	Grid Convergence Used:	0.2104°
Version / Patch:	2.10.782.0	Total Corr Mag North->Grid	6.6176°
		North:	Well Head
		Local Coord Referenced To:	

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (RUS)	Easting (RUS)	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	663429.50	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	439049.68	663429.63	N 32 12 23.07 W 103 56 18.91	
	705.00	0.08	243.43	704.96	-0.72	5.52	0.48	0.08	439050.61	663429.77	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	439050.49	663429.66	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	439050.45	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	439050.49	663429.54	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	439050.53	663429.67	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	439050.46	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	439050.36	663429.71	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	439050.25	663429.78	N 32 12 23.08 W 103 56 18.91	
	1623.00	0.08	134.34	1622.96	-1.35	5.02	1.13	0.04	439050.12	663430.04	N 32 12 23.07 W 103 56 18.91	
	1718.00	0.08	127.29	1717.96	-1.44	4.94	1.23	0.03	439049.99	663430.31	N 32 12 23.07 W 103 56 18.91	
	1812.00	0.10	88.21	1811.96	-1.57	4.90	1.37	0.01	439049.91	663430.41	N 32 12 23.07 W 103 56 18.90	
	1906.00	0.08	307.39	1905.96	-1.61	4.94	1.40	0.07	439049.87	663430.55	N 32 12 23.07 W 103 56 18.90	
	2001.00	0.08	277.05	2000.96	-1.49	4.99	1.40	0.18	439049.91	663430.58	N 32 12 23.07 W 103 56 18.90	
	2095.00	0.08	172.42	2094.96	-1.43	4.93	1.22	0.04	439049.96	663430.46	N 32 12 23.07 W 103 56 18.90	
	2284.00	0.08	280.86	2283.96	-1.31	4.83	1.22	0.13	439049.90	663430.58	N 32 12 23.07 W 103 56 18.90	
	2378.00	0.11	206.09	2377.96	-1.21	4.76	1.01	0.07	439049.80	663430.46	N 32 12 23.07 W 103 56 18.90	
	2473.00	0.05	127.84	2472.96	-1.20	4.65	1.00	0.13	439049.73	663430.29	N 32 12 23.07 W 103 56 18.91	
	2568.00	0.11	352.22	2567.96	-1.22	4.72	1.02	0.12	439049.62	663430.19	N 32 12 23.07 W 103 56 18.91	
	2662.00	0.08	24.01	2661.96	-1.24	4.87	1.03	0.16	439049.69	663430.18	N 32 12 23.07 W 103 56 18.91	
	2757.00	0.11	302.91	2756.96	-1.19	4.98	0.98	0.05	439049.84	663430.20	N 32 12 23.07 W 103 56 18.91	
	2851.00	0.08	34.69	2850.96	-1.16	5.08	0.94	0.13	439049.95	663430.21	N 32 12 23.07 W 103 56 18.91	
	2946.00	0.04	303.79	2945.96	-1.17	5.15	0.96	0.15	439050.05	663430.16	N 32 12 23.07 W 103 56 18.91	
	3040.00	0.15	145.06	3039.96	-1.21	5.07	1.00	0.09	439050.12	663430.12	N 32 12 23.07 W 103 56 18.91	
	3135.00	0.07	243.19	3134.96	-1.23	4.94	1.02	0.20	439050.04	663430.18	N 32 12 23.07 W 103 56 18.91	
	3229.00	0.13	250.08	3228.96	-1.07	4.88	0.87	0.18	439049.91	663430.20	N 32 12 23.07 W 103 56 18.91	
	3323.00	0.08	298.20	3322.96	-0.92	4.87	0.71	0.06	439049.85	663430.05	N 32 12 23.07 W 103 56 18.91	
	3418.00	0.08	249.97	3417.96	-0.79	4.88	0.59	0.10	439049.84	663429.89	N 32 12 23.07 W 103 56 18.91	
	3512.00	0.04	270.05	3511.96	-0.70	4.86	0.49	0.07	439049.85	663429.77	N 32 12 23.07 W 103 56 18.91	
	3607.00	0.14	333.42	3606.96	-0.62	4.96	0.41	0.05	439049.83	663429.67	N 32 12 23.07 W 103 56 18.91	
	3701.00	0.04	203.99	3700.96	-0.56	5.04	0.34	0.13	439049.93	663429.59	N 32 12 23.07 W 103 56 18.91	
	3890.00	0.01	10.24	3889.96	-0.53	4.99	0.32	0.18	439050.01	663429.52	N 32 12 23.07 W 103 56 18.91	
	3984.00	0.07	83.35	3983.96	-0.59	5.01	0.38	0.03	439049.96	663429.50	N 32 12 23.07 W 103 56 18.91	
	4079.00	0.07	66.52	4078.96	-0.70	5.04	0.49	0.07	439049.98	663429.56	N 32 12 23.07 W 103 56 18.91	
	4173.00	0.08	93.88	4172.96	-0.82	5.06	0.61	0.02	439050.01	663429.67	N 32 12 23.07 W 103 56 18.91	
	4268.00	0.10	296.86	4267.96	-0.73	5.17	0.51	0.04	439050.03	663429.79	N 32 12 23.07 W 103 56 18.91	
	4362.00	0.06	347.12	4361.96	-0.82	5.09	0.60	0.19	439050.06	663429.78	N 32 12 23.07 W 103 56 18.91	
	4456.00	0.11	157.74	4455.96	-0.76	5.14	0.54	0.08	439050.14	663429.69	N 32 12 23.07 W 103 56 18.91	
	4551.00	0.04	270.00	4550.96	-0.75	5.05	0.54	0.18	439050.11	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	439050.02	663429.76	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	663429.69	N 32 12 23.08 W 103 56 18.91	
	4835.00	0.04	142.07	4834.96	-0.80	5.19	0.58	0.14	439050.12	663429.72	N 32 12 23.07 W 103 56 18.91	
	4930.00	0.11	256.99	4929.96	-0.73	5.14	0.51	0.01	439050.16	663429.76	N 32 12 23.07 W 103 56 18.91	
	5024.00	0.18	355.39	5023.96	-0.63	5.27	0.41	0.14	439050.11	663429.69	N 32 12 23.07 W 103 56 18.91	
	5213.00	0.17	186.94	5212.96	-0.63	5.29	0.35	0.24	439050.26	663429.59	N 32 12 23.08 W 103 56 18.91	
	5307.00	0.10	135.68	5306.96	-0.61	5.09	0.39	0.18	439050.06	663429.57	N 32 12 23.08 W 103 56 18.91	
	5402.00	0.04	183.66	5401.96	-0.66	5.00	0.45	0.14	439050.06	663429.50	N 32 12 23.07 W 103 56 18.91	
	5497.00	1.45	149.21	5496.95	-1.23	3.93	1.06	0.08	439049.97	663429.63	N 32 12 23.07 W 103 56 18.91	
	5686.00	4.47	154.65	5685.67	-5.23	-4.78	5.44	1.49	439048.90	663430.24	N 32 12 23.06 W 103 56 18.91	
	5781.00	5.41	150.90	5780.32	-8.68	-12.04	9.20	1.60	439040.19	663434.62	N 32 12 22.98 W 103 56 18.86	
	5875.00	6.19	151.79	5873.84	-12.87	-20.38	13.75	1.05	439032.93	663438.38	N 32 12 22.90 W 103 56 18.81	
	5970.00	7.02	152.12	5968.21	-17.59	-30.02	18.89	0.84	439024.59	663442.93	N 32 12 22.82 W 103 56 18.76	
	6065.00	8.36	153.95	6062.35	-22.85	-41.36	24.64	0.87	439014.95	663448.07	N 32 12 22.73 W 103 56 18.70	
	6159.00	9.12	153.86	6155.26	-28.58	-54.19	30.92	1.43	439003.61	663453.81	N 32 12 22.61 W 103 56 18.63	
	6253.00	9.93	155.10	6247.96	-34.67	-68.23	37.61	0.81	438990.79	663460.10	N 32 12 22.49 W 103 56 18.56	
	6348.00	10.01	153.85	6343.53	-41.12	-83.07	44.70	0.89	438976.75	663466.79	N 32 12 22.35 W 103 56 18.48	
	6443.00	9.77	153.50	6441.11	-47.72	-97.69	51.94	0.24	438961.91	663473.88	N 32 12 22.20 W 103 56 18.40	
	6537.00	9.71	150.40	6527.76	-54.59	-111.72	59.41	0.26	438947.29	663481.11	N 32 12 22.05 W 103 56 18.32	
	6726.00	9.77	144.86	6714.04	-70.53	-138.69	76.51	0.56	438933.26	663488.59	N 32 12 21.92 W 103 56 18.23	
	6820.00	9.70	142.80	6806.69	-79.35	-151.52	85.89	0.50	438906.29	663505.69	N 32 12 21.65 W 103 56 18.03	
	6915.00	9.70	143.52	6900.33	-88.39	-164.33	95.49	0.38	438893.46	663515.07	N 32 12 21.52 W 103 56 17.93	
	7009.00	9.98	145.66	6892.95	-97.13	-177.43	104.79	0.13	438880.65	663524.66	N 32 12 21.39 W 103 56 17.81	
	7079.00	9.56	144.35	7061.93	-103.52	-187.16	111.60	0.49	438867.56	663533.96	N 32 12 21.26 W 103 56 17.71	
	7144.00	9.06	142.55	7126.08	-109.41	-195.61	117.86	0.68	438857.83	663540.77	N 32 12 21.17 W 103 56 17.63	
	7239.00	8.99	150.02	7219.90	-117.13	-207.98	126.12	0.89	438849.38	663547.03	N 32 12 21.08 W 103 56 17.56	

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ft)	Easting (ft)	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	438669.12	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 18.75 W	103 56 24.45
	8350.00	84.85	270.54	7883.69	491.46	-433.17	-473.41	1.76	438611.84	662955.80	N 32 12 18.79 W	103 56 25.54
	8444.00	86.65	273.67	7890.66	584.89	-429.72	-567.08	3.83	438615.28	662862.15	N 32 12 18.88 W	103 56 26.61
	8537.00	87.71	277.19	7895.24	676.88	-420.93	-659.53	3.95	438624.07	662769.70	N 32 12 19.02 W	103 56 27.68
	8630.00	88.95	279.75	7897.95	768.15	-407.24	-751.47	3.06	438637.76	662677.77	N 32 12 19.19 W	103 56 28.75
	8723.00	91.43	280.58	7897.64	858.90	-390.83	-843.00	2.81	438654.17	662586.24	N 32 12 19.36 W	103 56 29.83
	8818.00	94.15	280.71	7893.02	951.31	-373.30	-936.25	2.87	438671.70	662493.01	N 32 12 19.50 W	103 56 30.69
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 20.04 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 20.03 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	90.98	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	90.57	269.17	7801.30	4062.45	-350.40	-4051.19	0.17	438694.60	659378.30	N 32 12 19.70 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 19.69 W	103 57 7.18
	12129.00	90.81	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	90.67	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	90.77	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	90.88	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	90.98	271.08	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	90.84	270.84	7790.34	4724.10	-360.28	-4713.02	2.32	438684.72	658716.51	N 32 12 19.63 W	103 57 13.79
	12696.00	90.74	270.80	7789.03	4817.92	-358.71	-4807.00	0.30	438686.29	658622.54	N 32 12 19.65 W	103 57 14.88
	12791.00	90.60	270.44	7787.92	4912.76	-357.35	-4901.98	0.11	438687.65	658527.57	N 32 12 19.66 W	103 57 15.98
	12886.00	91.01	270.60	7786.60	5007.62	-356.32	-4996.97	0.41	438688.68	658432.59	N 32 12 19.68 W	103 57 17.09
	12980.00	91.19	270.97	7784.78	5101.48	-355.46	-5090.96	0.47	438689.53	658338.61	N 32 12 19.69 W	103 57 18.18
	13075.00	90.70	270.43	7783.21	5196.31	-354.16	-5185.93	0.43	438690.83	658243.64	N 32 12 19.70 W	103 57 19.29
	13170.00	90.46	270.29	7782.26	5291.16	-353.00	-5280.91	0.77	438691.99	658148.67	N 32 12 19.72 W	103 57 20.39
	13264.00	90.98	270.73	7781.07	5385.04	-352.41	-5374.90	0.30	438692.58	658054.69	N 32 12 19.73 W	103 57 21.49
	13359.00	90.77	270.30	7779.62	5479.91	-351.57	-5469.89	0.72	438693.43	657959.71	N 32 12 19.74 W	103 57 22.59
	13454.00	91.12	270.98	7778.07	5574.77	-350.71	-5564.87	0.50	438694.28	657864.73	N 32 12 19.75 W	103 57 23.70
	13548.00	91.01	271.26	7776.30	5669.62	-349.66	-5658.86	0.81	438695.33	657770.75	N 32 12 19.76 W	103 57 24.79
	13643.00	91.26	270.97	7774.44	5764.42	-347.81	-5753.82	0.32	438697.19	657675.80	N 32 12 19.79 W	103 57 25.90
	13737.00	90.84	271.23	7772.70	5857.22	-345.98	-5847.78	0.41	438699.02	657581.84	N 32 12 19.81 W	103 57 26.99
	13832.00	92.39	271.55	7770.05	5952.02	-344.15	-5942.75	0.52	438700.84	657486.88	N 32 12 19.83 W	103 57 28.10
	13926.00	90.84	270.73	7767.37	6045.77	-341.88	-6036.68	1.85	438703.12	657392.96	N 32 12 19.85 W	103 57 29.19
	14021.00	90.84	270.85	7765.99	6140.54	-339.99	-6131.62	0.13	438705.01	657298.02	N 32 12 19.88 W	103 57 30.29
	14115.00	90.60	270.18	7764.80								

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		
		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		
		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		

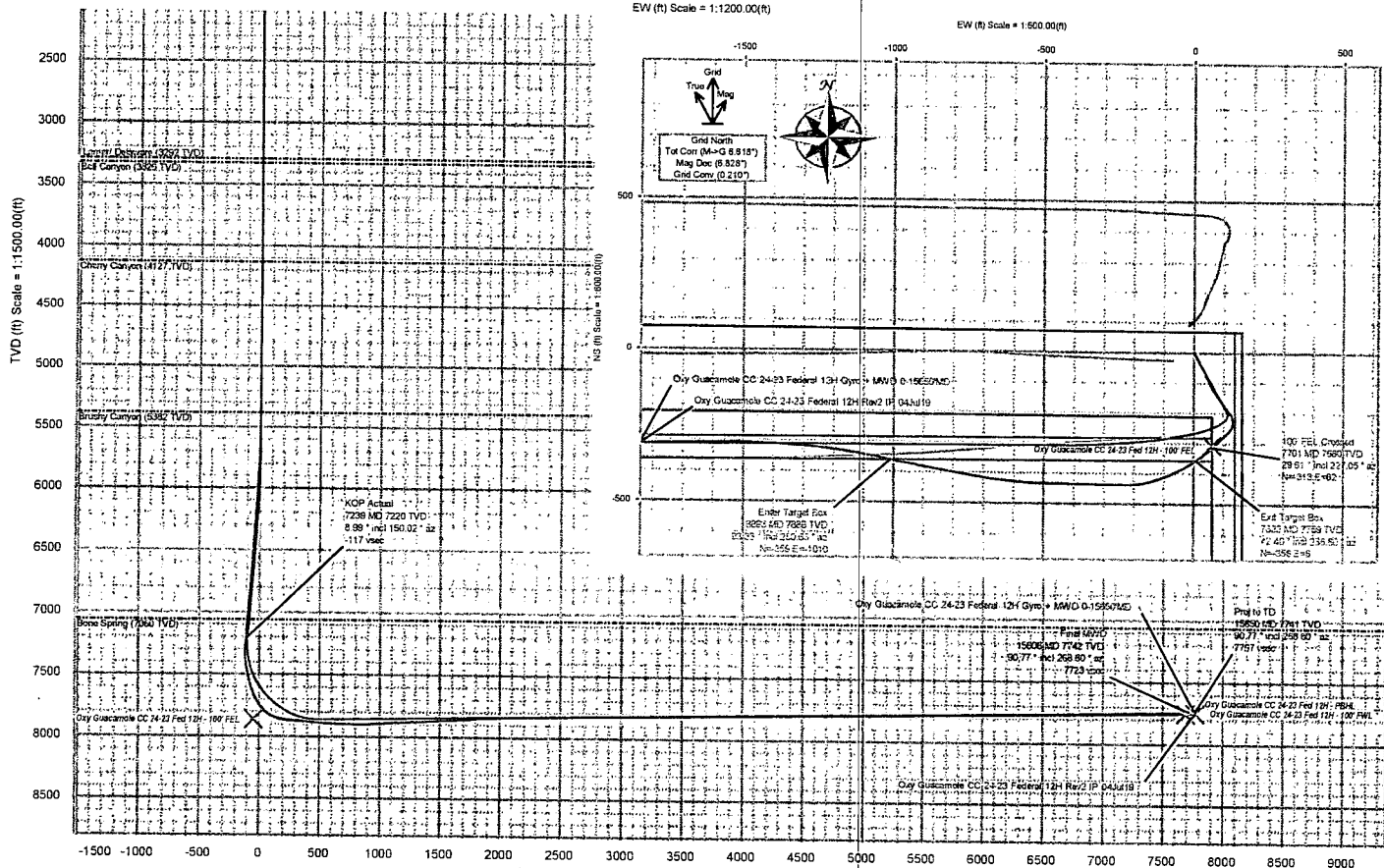
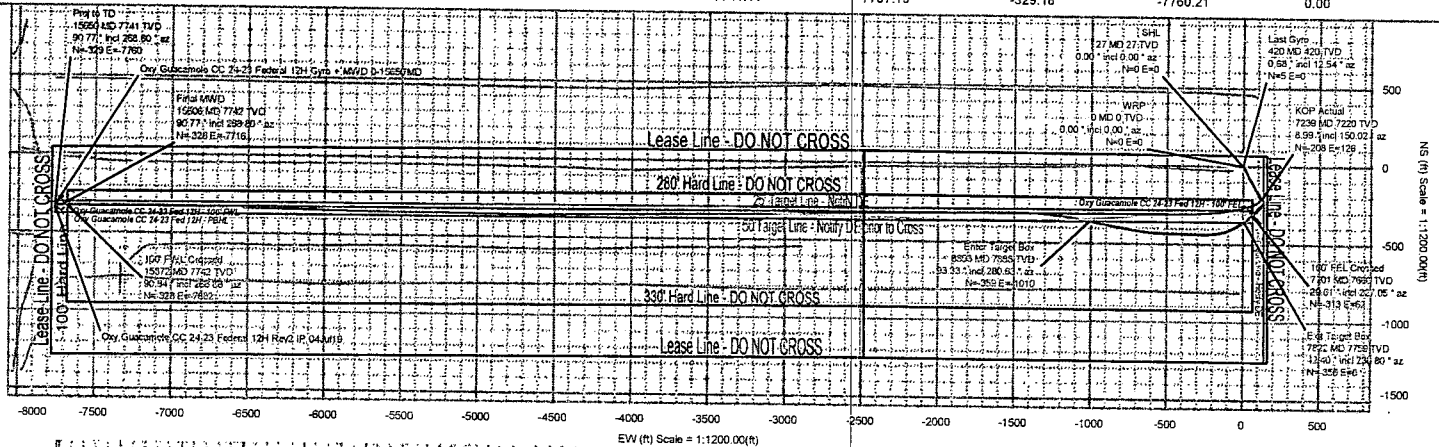
...Original Borehole\Oxy Guacamole CC 24-23 Federal 12H Gyro + MWD 0-15650'MD

Schlumberger

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	
Model:	IFR1	Dip: 59.898°	Date:	11-Nov-2019	Lat:	N 32 12 23.02	Northing:	439044.97NUS
MagDec:	8.828°	FS: 47954.5nT	Gravity FS:	998.459mg (9.80665 Based)	Lon:	W 103 56 18.92	Easting:	863429.18NUS
							Grid Conv:	0.2104"
							Scale Fact:	0.99992616
							Miscellaneous	
							Slot:	CC 24-23
							TVD Ref:	RKB(3121.1ft above MSL)
							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