

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)
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APR 23 2019

Schlumberger

DISTRICT II-ARTESIA O.C.D.

Well Reference:
2, 25 S, 29 E, Eddy NM
N 32.16463 W 103.96033

I, Diyar Kaky certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of January 26, 2019 through February 19, 2019, conduct or supervise the taking of the SlimPulse & Third Party Corrected surveys from a depth of 806.00 feet to a depth of 20575.00 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, Inc. for the Corral Fly 35.26 Federal Com 32H Well (Original Hole) API No. 3001544727 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
Diyar Kaky
FS



Subscribed and Sworn to before me this 25th day of February (month) 2019 (yr)

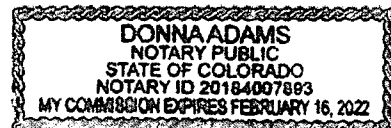
My Commission expires:

2-16-2022

D. Adams
Notary Public

(signature)

Adams County Colorado
(County State)



Schlumberger

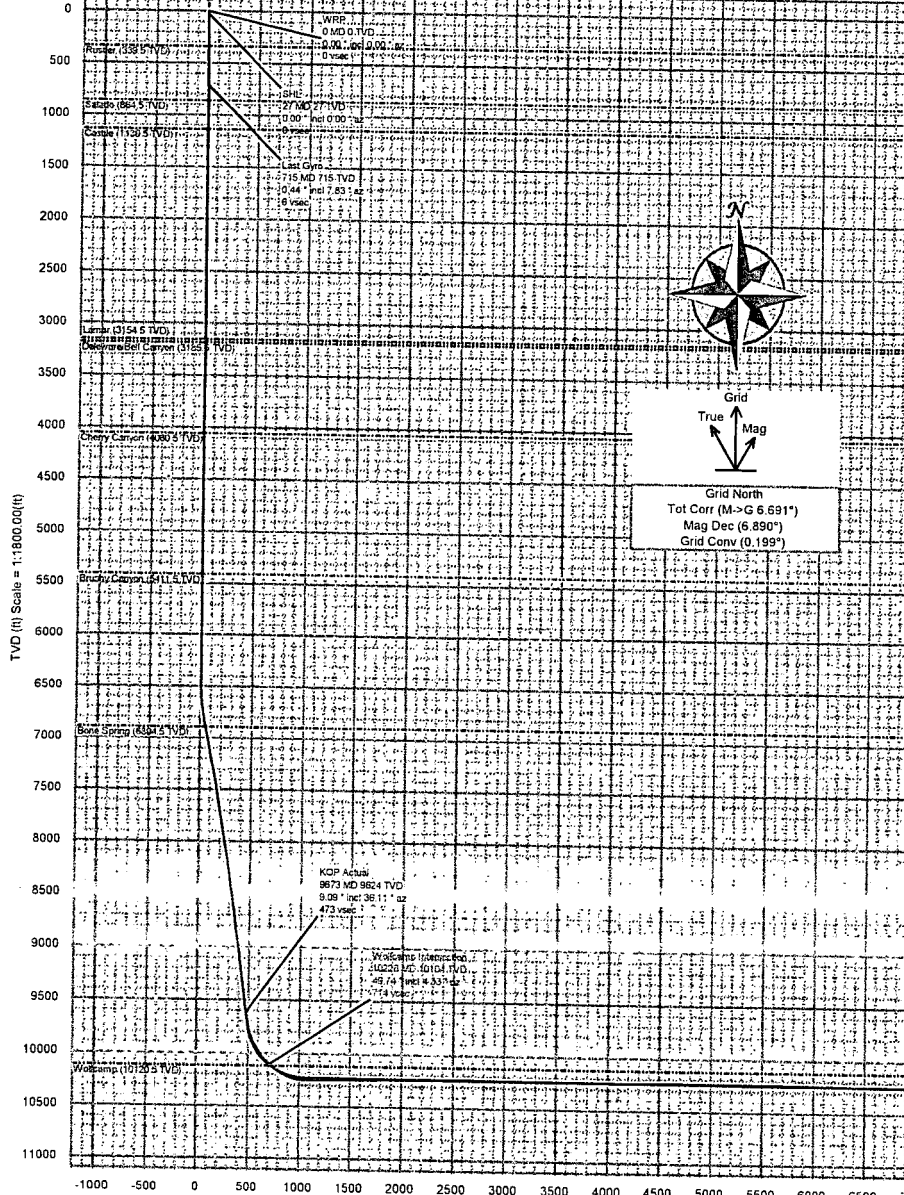
OXY



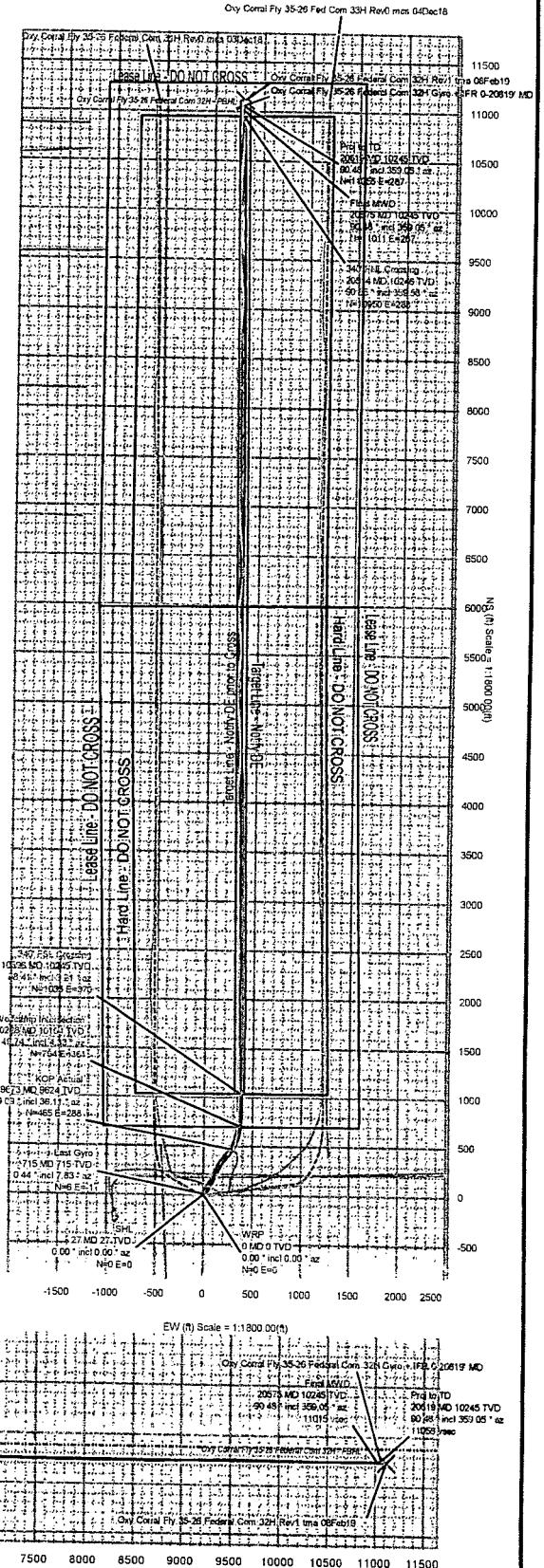
Borehole:		Well:	Field:	Structure:
Original Borehole		Oxy Corral Fly 35-26 Federal Com 32H	NM Eddy County (NAD 83)	Oxy Corral Fly 35-26 Federal Com 32H
Gravity & Magnetic Parameters				
Model: IFR1	Dip: 59.88°	Date: 08-Feb-2019	Surface Location NAD83 New Mexico State Plane, Eastern Zone, US Feet	Miscellaneous: Oxy Corral Fly 35-26 Federal
MagDec: 6.89°	FS: 47922.3nT	Gravity FS: 998.45mgm (9.80665 Based)	Lat: N 32 9 52.66	Slot: 35-26 Federal
			Long: W 103 57 37.22	Plan: Oxy Corral Fly 35-26 Federal Com 32H Gyro + IFR 0-20619' MD
			North: 423926.57mUS	TVD Ref: RKB(3039.8ft above MSL)
			East: 656754.77mUS	
			Grid Conv: 0.1986°	
			Scale Fact: 0.99992435	

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	
Last Gyro	714.72	0.44	7.83	714.68	6.34	6.38	-1.32	0.23
KOP Actual	9673.00	9.09	36.11	9623.97	473.05	465.39	288.49	0.88
Wolfcamp Intersection	10227.85	49.74	4.33	10104.00	713.60	704.06	360.95	10.28
340' FSL Crossing	10596.00	88.41	3.21	10244.94	1044.64	1034.98	369.67	10.42
340' FNL Crossing	20514.00	90.85	359.58	10246.33	10953.58	10949.81	287.85	0.32
Final MWD	20575.00	90.48	359.05	10245.49	11014.54	11010.80	287.28	2.20
Proj to TD	20619.00	90.48	359.05	10245.12	11058.49	11054.79	286.55	0.00



Vertical Section (ft) Azim = 1.56° Scale = 1:1800.00(ft) Origin = 0N-S, 0E-W



Oxy Corral Fly 35-26 Federal Com 32H Gyro + IFR 0-20619' MD Survey Geodetic Report (Def Survey)



Report Date: February 21, 2019 - 08:24 AM
 Client: OXY
 Field: NM Eddy County (NAD 83)
 Structure / Slot: Oxy Corral Fly 35-26 Federal Com 32H / Oxy Corral Fly 35-26 Federal Com 32H
 Well: Oxy Corral Fly 35-26 Federal Com 32H
 Borehole: Original Borehole
 UWI / API#: Unknown / 30-015-44727
 Survey Name: Oxy Corral Fly 35-26 Federal Com 32H Gyro + IFR 0-20619' MD
 Survey Date: January 14, 2019
 Tort / AHD / DDI / ERD Ratio: 200.406' / 11166.660 ft / 6.653' / 1.088
 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 9' 52.85934", W 103° 57' 37.21816"
 Location Grid N/E Y/X: N 423826.570 ftUS, E 656754.770 ftUS
 CRS Grid Convergence Angle: 0.1986°
 Grid Scale Factor: 0.99992435
 Version / Patch: 2.10.753.0

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 1.556° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB
 TVD Reference Elevation: 3039.600 ft above MSL
 Seabed / Ground Elevation: 3013.100 ft above MSL
 Magnetic Declination: 6.890°
 Total Gravity Field Strength: 998.4578mgn (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 47922.300 nT
 Magnetic Dip Angle: 59.889°
 Declination Date: February 08, 2019
 Magnetic Declination Model: IFR1
 North Reference: Grid North
 Grid Convergence Used: 0.1986°
 Total Corr Mag North->Grid: 6.6914°
 North: Well Head
 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	423826.57	656754.77	N 32° 9' 52.86"	W 103° 57' 37.22"
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	423826.57	656754.77	N 32° 9' 52.86"	W 103° 57' 37.22"
	326.60	0.73	346.37	326.59	1.84	1.86	-0.45	0.24	423828.43	656754.32	N 32° 9' 52.68"	W 103° 57' 37.22"
	358.13	0.77	346.84	358.12	2.24	2.26	-0.55	0.13	423828.83	656754.22	N 32° 9' 52.68"	W 103° 57' 37.22"
	452.65	0.81	343.32	452.63	3.49	3.52	-0.88	0.07	423830.09	656753.89	N 32° 9' 52.69"	W 103° 57' 37.23"
	547.21	0.68	347.35	547.18	4.67	4.71	-1.20	0.15	423831.28	656753.57	N 32° 9' 52.71"	W 103° 57' 37.23"
	641.70	0.58	357.11	641.67	5.69	5.73	-1.34	0.15	423832.30	656753.43	N 32° 9' 52.72"	W 103° 57' 37.23"
	714.72	0.44	7.83	714.68	6.34	6.38	-1.32	0.23	423832.95	656753.45	N 32° 9' 52.72"	W 103° 57' 37.23"
	806.00	0.14	357.52	805.96	6.80	6.84	-1.28	0.33	423833.41	656753.49	N 32° 9' 52.73"	W 103° 57' 37.23"
	991.00	0.12	305.49	990.96	7.13	7.17	-1.45	0.06	423833.74	656753.32	N 32° 9' 52.73"	W 103° 57' 37.23"
	1175.00	0.12	188.90	1174.96	7.05	7.10	-1.64	0.11	423833.67	656753.13	N 32° 9' 52.73"	W 103° 57' 37.24"
	1365.00	0.10	342.91	1364.96	7.01	7.06	-1.72	0.11	423833.63	656753.05	N 32° 9' 52.73"	W 103° 57' 37.24"
	1549.00	0.12	255.48	1548.96	7.11	7.16	-1.95	0.08	423833.73	656752.82	N 32° 9' 52.73"	W 103° 57' 37.24"
	1738.00	0.12	232.27	1737.96	6.93	6.99	-2.30	0.03	423833.56	656752.47	N 32° 9' 52.73"	W 103° 57' 37.24"
	1927.00	0.10	220.67	1926.96	6.67	6.75	-2.56	0.02	423833.32	656752.21	N 32° 9' 52.73"	W 103° 57' 37.25"
	2022.00	0.07	105.88	2021.96	6.60	6.67	-2.56	0.15	423833.24	656752.21	N 32° 9' 52.73"	W 103° 57' 37.25"
	2210.00	0.09	324.18	2209.96	6.68	6.76	-2.54	0.08	423833.32	656752.23	N 32° 9' 52.73"	W 103° 57' 37.25"
	2305.00	0.10	107.55	2304.96	6.72	6.79	-2.50	0.19	423833.36	656752.27	N 32° 9' 52.73"	W 103° 57' 37.25"
	2399.00	0.10	220.92	2398.96	6.63	6.70	-2.48	0.18	423833.27	656752.29	N 32° 9' 52.73"	W 103° 57' 37.25"
	2494.00	0.10	340.61	2493.96	6.65	6.72	-2.56	0.18	423833.29	656752.21	N 32° 9' 52.73"	W 103° 57' 37.25"
	2683.00	0.10	50.51	2682.96	6.91	6.98	-2.48	0.06	423833.55	656752.29	N 32° 9' 52.73"	W 103° 57' 37.25"
	2777.00	0.12	124.10	2776.96	6.91	6.98	-2.34	0.14	423833.55	656752.43	N 32° 9' 52.73"	W 103° 57' 37.25"
	2871.00	0.13	93.79	2870.96	6.85	6.91	-2.15	0.07	423833.48	656752.62	N 32° 9' 52.73"	W 103° 57' 37.24"
	2966.00	0.12	115.89	2965.96	6.81	6.86	-1.96	0.05	423833.43	656752.82	N 32° 9' 52.73"	W 103° 57' 37.24"
	3060.00	0.07	240.84	3059.96	6.74	6.79	-1.92	0.18	423833.36	656752.85	N 32° 9' 52.73"	W 103° 57' 37.24"
	3155.00	0.09	268.94	3154.96	6.71	6.76	-2.04	0.05	423833.33	656752.73	N 32° 9' 52.73"	W 103° 57' 37.24"
	3249.00	0.12	111.32	3248.96	6.67	6.73	-2.02	0.22	423833.30	656752.75	N 32° 9' 52.73"	W 103° 57' 37.24"
	3343.00	0.07	270.50	3342.96	6.63	6.69	-1.99	0.20	423833.26	656752.78	N 32° 9' 52.73"	W 103° 57' 37.24"
	3438.00	0.12	230.54	3437.96	6.57	6.63	-2.12	0.08	423833.20	656752.65	N 32° 9' 52.73"	W 103° 57' 37.24"
	3532.00	0.20	244.66	3531.96	6.43	6.50	-2.35	0.09	423833.07	656752.42	N 32° 9' 52.72"	W 103° 57' 37.25"
	3721.00	0.10	185.72	3720.96	6.12	6.19	-2.66	0.09	423832.76	656752.11	N 32° 9' 52.72"	W 103° 57' 37.25"
	3909.00	0.12	59.48	3908.96	6.06	6.13	-2.51	0.10	423832.70	656752.26	N 32° 9' 52.72"	W 103° 57' 37.25"
	4004.00	0.10	158.72	4003.96	6.03	6.10	-2.39	0.18	423832.67	656752.38	N 32° 9' 52.72"	W 103° 57' 37.25"
	4193.00	0.09	53.88	4192.96	5.97	6.03	-2.21	0.08	423832.60	656752.56	N 32° 9' 52.72"	W 103° 57' 37.24"
	4287.00	0.12	165.12	4286.96	5.92	5.98	-2.13	0.19	423832.55	656752.64	N 32° 9' 52.72"	W 103° 57' 37.24"
	4476.00	0.10	359.67	4475.96	5.90	5.96	-2.08	0.12	423832.53	656752.69	N 32° 9' 52.72"	W 103° 57' 37.24"
	4570.00	0.07	141.64	4569.96	5.94	5.99	-2.04	0.17	423832.56	656752.73	N 32° 9' 52.72"	W 103° 57' 37.24"
	4758.00	0.10	192.64	4757.96	5.69	5.74	-2.01	0.04	423832.31	656752.76	N 32° 9' 52.72"	W 103° 57' 37.24"
	4853.00	0.10	221.41	4852.96	5.54	5.60	-2.08	0.05	423832.17	656752.76	N 32° 9' 52.72"	W 103° 57' 37.24"
	4947.00	0.07	67.51	4946.96	5.50	5.56	-2.08	0.18	423832.13	656752.69	N 32° 9' 52.71"	W 103° 57' 37.24"
	5041.00	0.10	123.60	5040.96	5.48	5.54	-1.96	0.09	423832.11	656752.81	N 32° 9' 52.71"	W 103° 57' 37.24"
	5136.00	0.07	334.03	5135.96	5.49	5.54	-1.92	0.17	423832.11	656752.81	N 32° 9' 52.71"	W 103° 57' 37.24"
	5230.00	0.07	126.93	5229.96	5.51	5.56	-1.90	0.14	423832.13	656752.85	N 32° 9' 52.71"	W 103° 57' 37.24"
	5419.00	0.10	164.27	5418.96	5.28	5.33	-1.76	0.03	423831.90	656753.01	N 32° 9' 52.71"	W 103° 57' 37.24"
	5513.00	0.10	24.23	5512.96	5.28	5.33	-1.70	0.20	423831.90	656753.07	N 32° 9' 52.71"	W 103° 57' 37.24"
	5607.00	0.09	268.34	5606.96	5.35	5.40	-1.74	0.17	423831.97	656753.03	N 32° 9' 52.71"	W 103° 57' 37.24"
	5702.00	0.07	218.91	5701.96	5.30	5.35	-1.86	0.07	423831.92	656752.91	N 32° 9' 52.71"	W 103° 57' 37.24"
	5796.00	0.10	34.27	5795.96	5.32	5.38	-1.85	0.18	423831.95	656752.92	N 32° 9' 52.71"	W 103° 57' 37.24"
	5890.00	0.07	332.87	5889.96	5.44	5.50	-1.83	0.10	423832.07	656752.94	N 32° 9' 52.71"	W 103° 57' 37.24"
	5985.00	0.10	148.49	5984.96	5.43	5.48	-1.81	0.18	423832.05	656752.96	N 32° 9' 52.71"	W 103° 57' 37.24"
	6079.00	0.07	5.26	6078.96	5.41	5.46	-1.76	0.17	423832.03	656753.01	N 32° 9' 52.71"	W 103° 57' 37.24"
	6173.00	0.10	142.86	6172.96	5.41	5.46	-1.71	0.17	423832.03	656753.06	N 32° 9' 52.71"	W 103° 57' 37.24"
	6363.00	0.10	205.29	6362.96	5.13	5.17	-1.68	0.05	423831.74	656753.09	N 32° 9' 52.71"	W 103° 57' 37.24"
	6457.00	0.07	161.39	6456.96	5.00	5.04	-1.69	0.07	423831.61	656753.08	N 32° 9' 52.71"	W 103° 57' 37.24"
	6552.00	2.93	38.52	6551.92	6.88	6.89	-0.16	3.12	423833.46	656754.61	N 32° 9' 52.73"	W 103° 57' 37.22"
	6740.00	9.94	36.83	6738.61	23.99	23.66	12.57	3.73	423850.23	656767.34	N 32° 9' 52.89"	W 103° 57' 37.07"
	6834.00	12.54	35.32	6830.80	39.10	38.48	23.34	2.78	423865.05	656778.11	N 32° 9' 53.04"	W 103° 57' 36.95"
	6929.00	12.61	32.37	6923.53	56.58	55.65	34.85	0.68	423882.22	656789.62	N 32° 9' 53.21"	W 103° 57' 36.81"
	7023.00	12.40	29.45	7015.30	74.31	73.11	45.31	0.71	423899.67	656800.07	N 32° 9' 53.36"	W 103° 57' 36.69"
	7118.00	12.35	28.65	7108.09	92.37	90.91	55.19	0.19	423917.47	656809.96	N 32° 9' 53.56"	W 103° 57' 36.57"
	7212.00	11.67	26.90	7200.03	109.91	108.21	64.31	0.82	423934.77	656819.08	N 32° 9' 53.73"	W 103° 57' 36.47"
	7401.00	12.24	28.13	7384.93	145.11	142.92	82.41	0.33	423969.48	656837.17	N 32° 9' 54.07"	W 103° 57' 36.25"
	7495.00	10.53	29.04	7477.08	161.64	158.22	91.28	1.83	423985.78	656846.04	N 32° 9' 54.23"	W 103° 57' 36.15"
	7684.00	9.74	24.83	7663.13	191.65	188.83	106.37	0.57	424015.38	656861.14	N 32° 9' 54.52"	W 103° 57' 35.97"
	7779.00	9.47	23.56	7756.80	206.28	203.29	112.87	0.36	424029.84	656867.63	N 32° 9' 54.67"	W 103° 57' 35.90"
	7873.00	10.24	25.21	7849.41	221.10	217.93	119.52	0.87	424044.49	656874.28	N 32° 9' 54.81"	W 103° 57' 35.82"
	8062.00	10.33	26.97	8035.38	251.79	248.24	134.36	0.17	424074.79	656889.12	N 32° 9' 55.11"	W 103° 57' 35.65"
	8156.00	9.72	28.01	8127.94	266.51	262.75	141.91	0.68	424089.30	656896.67	N 32° 9' 55.25"	W 103° 57' 35.56"
	8250.00	9.84	26.46	8220.57	280.90	276.95	149.22	0.31	424103.08	656903.98	N 32° 9' 55.39"	W 103° 57' 35.47"
	8345.00	9.75	24.54	8314.19	295.67	291.53	156.18	0.36	424118.58	656910.93	N 32° 9' 55.54"	W 103° 57' 35.39"
	8439.00	9.84	30.18	8406.82	310.05	305.72	163.52	1.02	424132.26	656918.28	N 32° 9' 55.68"	W 103° 57' 35.30"
	8534.00	9.88	27.64	8500.42	324.49	319.96	171.38	0.46	424146.50	656926.14	N 32° 9' 55.82"	W 103° 57' 35.21"
	8628.00	9.12	38.59	8593.14	337.68							

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 ° ' ")
KOP Actual	9194.00	9.31	38.46	9151.20	412.06	405.69	239.91	0.78	424232.23	656994.66	N 32 9 56.67 W 103 57 34.41	
	9289.00	9.48	41.43	9244.93	424.20	417.57	249.87	0.54	424244.11	657004.62	N 32 9 56.78 W 103 57 34.29	
	9383.00	9.69	39.10	9337.62	436.42	429.52	259.98	0.47	424256.05	657014.73	N 32 9 56.90 W 103 57 34.18	
	9459.00	9.63	38.86	9412.54	446.55	439.43	268.00	0.10	424265.97	657022.75	N 32 9 57.00 W 103 57 34.08	
	9579.00	8.39	38.96	9531.06	461.48	454.05	279.81	1.03	424280.59	657034.55	N 32 9 57.14 W 103 57 33.94	
	9673.00	9.09	36.11	9623.97	473.05	465.39	288.49	0.88	424291.92	657043.24	N 32 9 57.25 W 103 57 33.84	
	9768.00	12.30	27.74	9717.31	488.31	480.41	297.63	3.75	424306.94	657052.38	N 32 9 57.40 W 103 57 33.74	
	9863.00	20.42	21.83	9808.39	512.98	504.79	308.52	7.61	424331.32	657063.27	N 32 9 57.64 W 103 57 33.61	
	9958.00	27.66	21.12	9895.10	549.35	540.79	322.65	8.73	424367.32	657077.39	N 32 9 58.00 W 103 57 33.44	
	10052.00	36.30	17.91	9974.76	596.71	587.71	339.10	9.36	424414.24	657093.84	N 32 9 58.46 W 103 57 33.25	
Wolfcamp- Intersection	10147.00	42.70	10.47	10048.07	655.61	646.24	353.62	8.37	424472.76	657108.37	N 32 9 59.04 W 103 57 33.08	
340' FSL Crossing	10227.85	49.74	4.33	10104.00	713.60	704.06	360.95	10.28	424530.58	657115.69	N 32 9 59.61 W 103 57 32.99	
	10242.00	51.00	3.39	10113.03	724.49	714.94	361.68	10.28	424541.45	657116.42	N 32 9 59.72 W 103 57 32.98	
	10336.00	56.33	3.69	10168.70	800.14	790.49	366.36	5.68	424616.99	657121.10	N 32 10 0.47 W 103 57 32.92	
	10431.00	67.28	358.79	10213.54	883.70	874.03	367.98	12.39	424700.54	657122.73	N 32 10 1.30 W 103 57 32.90	
	10525.00	81.55	0.43	10238.73	973.96	964.34	367.41	15.27	424790.83	657122.16	N 32 10 2.19 W 103 57 32.91	
	10596.00	88.41	3.21	10244.94	1044.64	1034.98	369.67	10.42	424861.47	657124.41	N 32 10 2.89 W 103 57 32.88	
	10620.00	90.73	4.14	10245.12	1068.62	1058.93	371.21	10.42	424885.42	657125.95	N 32 10 3.12 W 103 57 32.86	
	10704.00	90.24	4.86	10244.41	1152.50	1142.67	377.80	1.04	424969.15	657132.54	N 32 10 3.95 W 103 57 32.78	
	10797.00	90.79	1.08	10243.57	1245.45	1235.52	382.61	4.11	425061.99	657137.35	N 32 10 4.87 W 103 57 32.72	
	10891.00	90.58	1.09	10242.45	1339.44	1329.50	384.39	0.22	425155.96	657139.13	N 32 10 5.80 W 103 57 32.69	
10985.00	90.21	1.36	10241.80	1433.44	1423.47	386.40	0.49	425249.93	657141.14	N 32 10 6.73 W 103 57 32.67		
11080.00	90.27	2.20	10241.40	1528.44	1518.43	389.35	0.89	425344.88	657144.09	N 32 10 7.67 W 103 57 32.63		
11175.00	90.34	2.14	10240.90	1623.43	1613.36	392.95	0.10	425439.80	657147.69	N 32 10 8.61 W 103 57 32.58		
11270.00	90.34	1.58	10240.33	1718.43	1708.30	396.03	0.59	425534.74	657150.77	N 32 10 9.55 W 103 57 32.54		
11364.00	91.37	0.35	10238.93	1812.41	1802.28	397.62	1.71	425628.71	657152.36	N 32 10 10.48 W 103 57 32.52		
11459.00	90.27	359.48	10237.57	1907.36	1897.26	397.48	1.48	425723.69	657152.22	N 32 10 11.42 W 103 57 32.52		
11553.00	89.41	358.98	10237.83	2001.28	1991.25	396.21	1.06	425817.67	657150.95	N 32 10 12.35 W 103 57 32.53		
11648.00	90.51	359.81	10237.90	2096.21	2086.25	395.21	1.45	425912.66	657149.95	N 32 10 13.29 W 103 57 32.53		
11743.00	90.31	359.89	10237.22	2191.16	2181.24	394.96	0.23	426007.65	657149.70	N 32 10 14.23 W 103 57 32.54		
11837.00	90.31	358.93	10236.71	2285.10	2275.24	393.99	1.02	426101.63	657148.73	N 32 10 15.16 W 103 57 32.54		
11932.00	89.69	359.39	10236.71	2380.01	2370.23	392.60	0.81	426196.61	657147.34	N 32 10 16.10 W 103 57 32.56		
12026.00	89.86	358.88	10237.08	2473.93	2464.21	391.18	0.57	426290.59	657145.92	N 32 10 17.03 W 103 57 32.57		
12120.00	90.31	0.06	10236.94	2567.86	2558.21	390.31	1.34	426384.58	657145.05	N 32 10 17.96 W 103 57 32.57		
12215.00	89.83	0.06	10236.83	2662.83	2653.21	390.41	0.51	426479.57	657145.15	N 32 10 18.90 W 103 57 32.57		
12309.00	89.72	359.09	10237.20	2756.77	2747.20	389.71	1.04	426573.56	657144.45	N 32 10 19.83 W 103 57 32.57		
12404.00	89.59	359.64	10237.77	2851.70	2842.20	388.66	0.59	426668.54	657143.40	N 32 10 20.77 W 103 57 32.58		
12498.00	89.93	359.66	10238.16	2945.65	2936.19	388.09	0.36	426762.53	657142.83	N 32 10 21.70 W 103 57 32.58		
12593.00	89.76	359.40	10238.42	3040.59	3031.19	387.31	0.33	426857.52	657142.05	N 32 10 22.64 W 103 57 32.59		
12687.00	90.21	359.19	10238.44	3134.51	3125.18	386.15	0.53	426951.51	657140.89	N 32 10 23.57 W 103 57 32.60		
12782.00	89.83	357.15	10238.38	3234.17	3215.07	380.08	1.09	427041.39	657134.82	N 32 10 24.45 W 103 57 32.66		
12877.00	89.79	357.55	10239.00	3312.66	3303.87	371.35	0.21	427130.17	657126.09	N 32 10 25.32 W 103 57 32.76		
12972.00	90.00	358.14	10239.35	3401.26	3392.74	364.24	0.33	427219.02	657118.98	N 32 10 26.19 W 103 57 32.83		
13066.00	89.65	357.79	10239.09	3496.08	3487.68	360.87	0.49	427307.95	657115.61	N 32 10 27.03 W 103 57 32.87		
13161.00	89.59	356.49	10239.13	3589.80	3581.56	356.18	1.55	427397.82	657110.92	N 32 10 27.90 W 103 57 32.92		
13255.00	90.00	357.35	10239.73	3684.51	3676.43	351.44	1.38	427487.70	657106.19	N 32 10 31.99 W 103 57 32.97		
13350.00	90.31	357.79	10239.09	3796.08	3796.08	360.87	0.49	427519.02	657118.98	N 32 10 29.19 W 103 57 32.83		
13444.00	89.65	356.49	10239.13	3889.80	3881.56	356.18	1.55	427707.82	657110.92	N 32 10 31.06 W 103 57 32.92		
13539.00	89.62	357.80	10239.73	3984.51	3976.43	351.44	1.38	427802.70	657106.19	N 32 10 31.99 W 103 57 32.97		
13633.00	90.24	357.35	10239.85	4078.28	4070.35	347.47	0.81	427896.60	657102.21	N 32 10 32.92 W 103 57 33.01		
13727.00	90.69	357.13	10239.08	4172.01	4164.24	342.94	0.53	427990.48	657097.68	N 32 10 33.85 W 103 57 33.06		
13822.00	90.82	357.21	10237.83	4266.73	4259.11	338.25	0.16	428085.35	657092.99	N 32 10 34.79 W 103 57 33.11		
14012.00	90.72	357.46	10235.28	4456.19	4448.89	329.42	0.14	428275.11	657084.16	N 32 10 36.67 W 103 57 33.21		
14108.00	91.00	358.43	10233.84	4551.99	4544.82	325.97	1.05	428371.03	657080.72	N 32 10 37.62 W 103 57 33.24		
14202.00	89.79	0.30	10233.19	4645.81	4638.02	324.93	2.37	428465.01	657079.68	N 32 10 38.55 W 103 57 33.25		
14297.00	89.04	359.51	10234.16	4740.87	4733.80	324.78	1.15	428560.00	657079.52	N 32 10 39.49 W 103 57 33.25		
14391.00	89.65	358.88	10235.23	4834.78	4827.78	323.46	0.93	428653.97	657078.20	N 32 10 40.42 W 103 57 33.26		
14487.00	90.07	0.48	10235.47	4930.73	4923.77	322.92	1.72	428749.96	657077.66	N 32 10 41.37 W 103 57 33.26		
14582.00	89.72	0.44	10235.64	5025.71	5018.77	323.68	0.37	428844.95	657078.43	N 32 10 42.31 W 103 57 33.25		
14677.00	89.96	359.88	10235.91	5120.68	5113.77	323.95	0.64	428939.94	657078.69	N 32 10 43.25 W 103 57 33.24		
14771.00	90.24	0.21	10235.74	5214.65	5207.77	324.02	0.46	429033.93	657078.77	N 32 10 44.18 W 103 57 33.24		
14866.00	89.80	358.65	10235.63	5309.58	5302.76	323.08	1.68	429128.92	657077.82	N 32 10 45.12 W 103 57 33.25		
14959.00	90.07	359.84	10235.65	5402.50	5395.75	321.85	1.29	429221.90	657076.60	N 32 10 46.04 W 103 57 33.26		
15054.00	89.86	359.97	10235.71	5497.46	5490.75	321.69	0.26	429316.89	657076.44	N 32 10 46.98 W 103 57 33.25		
15147.00	89.76	359.34	10236.02	5590.41	5583.75	321.13	0.69	429409.88	657075.88	N 32 10 47.90 W 103 57 33.26		
15241.00	89.55	359.75	10236.58	5684.35	5677.74	319.90	0.49</					

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 ° ' ")
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Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 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	26.500	Act Stns	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Corral Fly 35-26 Federal Com 32H Gyro + IFR 0-20619' MD
	1	26.500	326.600	1/98.425	30.000	30.000	NAL_NSG+MSHOT	Original Borehole / Oxy Corral Fly 35-26 Federal Com 32H Gyro +
	1	326.600	714.720	Act Stns	30.000	30.000	NAL_NSG+MSHOT	Original Borehole / Oxy Corral Fly 35-26 Federal Com 32H Gyro +
	1	714.720	20619.000	Act Stns	30.000	30.000	NAL_MWD_IFR1+MS	Original Borehole / Oxy Corral Fly 35-26 Federal Com 32H Gyro +

...Original Borehole\Oxy Corral Fly 35-26 Federal Com 32H Gyro + IFR 0-20619' MD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM88139

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
CORRAL FLY 35-26 FEDERAL COM 32H9. API Well No.
30-015-44727-00-X110. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
OXY USA INCORPORATEDContact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com3a. Address
5 GREENWAY PLAZA SUITE 110
HOUSTON, TX 77046-05213b. Phone No. (include area code)
Ph: 432-685-5936

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 2 T25S R29E 694FNL 1038FWL
32.164627 N Lat, 103.960335 W Lon**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Drilling Operations
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Spud 14-3/4" hole 11/19/18, drill to 733' 11/20/18. RIH & set 10-3/4" 45.5# J-55 csg @ 723', pump 20BFW spacer then cmt w/ 750sx (183bbl) Class C w/ additives 14.8ppg 1.36 yield, no returns or cmt to surface, WOC. 11/21/18 RIH w/ 12" tbg perform cmt top job w/ 215sx (52bbl) Class C w/ additives 14.8ppg 1.36 yield, no cmt to surf, WOC. Perform 2nd cmt top job w/ 135sx (33bbl) Class C w/additives 14.8ppg 1.36 yield, circ 50sx (12bbl) cmt to surf, WOC. Notified BLM of cmt results, left detailed message. 11/21/18 RD & release rig.

RECEIVED

APR 23 2019

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #445977 verified by the BLM Well Information System
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 12/04/2018 (19PP0503SE)

Name (Printed/Typed) DAVID STEWART

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 11/30/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JONATHON SHEPARD
Title PETROLEUM ENGINEER

Date 12/06/2018

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM88139

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
CORRAL FLY 35-26 FEDERAL COM 32H9. API Well No.
30-015-44727-00-X110. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
OXY USA INCORPORATEDContact: JANA MENDIOLA
E-Mail: janalyn_mendiola@oxy.com3a. Address
5 GREENWAY PLAZA SUITE 110
HOUSTON, TX 77046-05213b. Phone No. (include area code)
Ph: 432-685-5936

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 2 T25S R29E 694FNL 1038FWL
32.164627 N Lat, 103.960335 W Lon**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent☒ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ Other
Drilling Operations

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

1/25/19 RU BOP, test @ 250# low 5000# high, test 10-3/4" casing to 1500# for 30 min, good test. RIH & tag cmt @ 687', drill new formation to 765', perform FIT test to EMW=20ppg, good test. 1/26/19 drill 9-7/8" hole to 9502', 1/29/19. RIH & set 7-5/8" 26.4# L-80 csg @ 9492', pump 80bbl mud push spacer then cmt w/ 935sx (486bbl) PPC w/ additives 9.6ppg 2.92 yield followed by 336sx (96bbl) PPC w/ additives 13.2ppg 1.6 yield, full returns throughout job, circ 354sx (184bbl) cmt to surface, WOC. Install packoff, test to 10000#, good test. 1/31/19 ND BOP, install wellhead cap & prepare rig for skid.

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APR 23 2019

2/8/19 Skid rig back to Corral Fly 35-26 Federal Com 32H. RU BOP, test @ 250# low 5000# high. RIH & tag cmt @ 9439', test 7-5/8" csg to 3700# for 30min, good test. RIH & drill new formation to 9512', perform FIT test to EMW=14ppg, 983psi, good test. 2/9/19 Drill 6-3/4" hole to 20619'M 10245'V 2/19/19. RIH & set 5-1/2" 20# P110 @ 20609'. Pump 135bbl mud push express spacer then cmt

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #457056 verified by the BLM Well Information System
For OXY USA INCORPORATED, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/06/2019 (19PP1267SE)

Name (Printed/Typed) DAVID STEWART

Title REGULATORY ADVISOR

Signature (Electronic Submission)

Date 03/06/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JONATHON SHEPARD

Title PETROLEUM ENGINEER

Date 03/06/2019

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #457056 that would not fit on the form

32. Additional remarks, continued

w/ 849sx (205bbl) PPC w/ additives @ 13.2ppg 1.36 yield, full returns throughout job, est. TOC @ 9099', WOC. 2/23/19 RUWL RIH & set RBP @ 3002', test RBP to 1000# for 30 min, good test. ND BOP, Install wellhead cap, RD Rel Rig 2/23/19.