

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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

Form C-102
Revised June 10, 2003

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-34266	² Pool Code 81160	³ Pool Name McKittrick Hills Up. Penn
⁴ Property Code 33140	⁵ Property Name McKittrick 14 Federal	⁶ Well Number 2
⁷ OGRID No. 192463	⁸ Operator Name OXY USA WTP Limited Partnership	⁹ Elevation 3925'

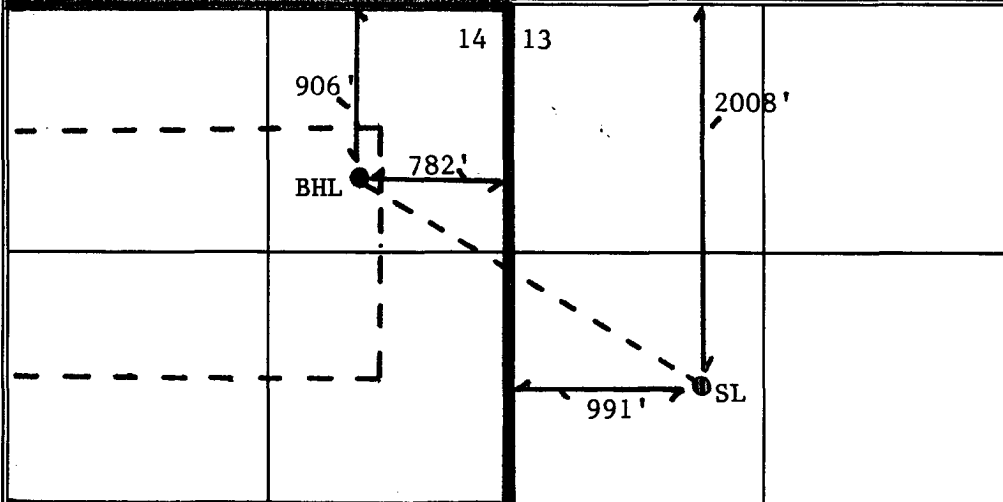
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	13	22S	24E		2008	north	991	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
A	14	22S	24E		906	north	782	east	Eddy
¹² Dedicated Acres 320	¹³ Joint or Infill Y	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

	RECEIVED MAR 16 2006 OCU-ARTESIA	¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
		Signature David Stewart Printed Name Sr. Regulatory Analyst Title and Email 3/15/06 Date
		¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i>
		Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

Survey Report

Report Date: March 7, 2006	Survey / DLS Computation Method: Minimum Curvature / Lubinski
Client: Nearburg Producing Company	Vertical Section Azimuth: 301.850°
Field: Eddy County, NM	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: Mckittrick 14 Fed #2 / Mckittrick 14 Fed #2	TVD Reference Datum: RKB
Well: Mckittrick 14 Fed #2	TVD Reference Elevation: 0.0 ft relative to
Borehole: Mckittrick 14 Fed #2	Sea Bed / Ground Level Elevation: 0.000 ft relative to
UW/API#:	Magnetic Declination: 8.680°
Survey Name / Date: Mckittrick 14-2_surveys / August 10, 2005	Total Field Strength: 49237.095 nT
Tort / AHD / DDI / ERD ratio: 104.869° / 2089.71 ft / 5.359 / 0.252	Magnetic Dip: 60.325°
Grid Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet	Declination Date: August 10, 2005
Location Lat/Long: N 32 23 33.499, W 104 27 24.804	Magnetic Declination Model: IGRF 2005
Location Grid N/E Y/X: N 506578.600 ftUS, E 461862.200 ftUS	North Reference: Grid North
Grid Convergence Angle: -0.06619163°	Total Corr Mag North -> Grid North: +8.746°
Grid Scale Factor: 0.99991076	Local Coordinates Referenced To: Well Head

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
Tie-In	1744.00	1.00	94.20	1743.91	6.11	7.81	-2.35	8.15	343.26	0.00	88.20M
	1810.00	0.20	88.20	1809.91	5.51	7.77	-1.66	7.94	347.95	1.21	-57.30M
	1842.00	0.60	302.70	1841.91	5.63	7.86	-1.74	8.05	347.49	2.42	-66.40M
	1874.00	1.50	293.60	1873.90	6.21	8.12	-2.27	8.43	344.39	2.85	-72.00M
	1905.00	2.40	288.00	1904.88	7.24	8.48	-3.26	9.08	338.99	2.96	-67.90M
	1936.00	3.00	292.10	1935.85	8.67	8.99	-4.63	10.11	332.76	2.03	-67.70M
	1967.00	3.50	292.30	1966.80	10.40	9.65	-6.25	11.50	327.06	1.61	-71.00M
	1998.00	4.00	289.00	1997.73	12.39	10.36	-8.15	13.18	321.81	1.76	-72.00M
	2030.00	4.50	288.00	2029.64	14.70	11.11	-10.40	15.22	316.90	1.58	-71.50M
	2061.00	5.40	288.50	2060.53	17.30	11.95	-12.94	17.61	312.72	2.91	21.71G
	2124.00	6.10	291.10	2123.21	23.47	14.10	-18.87	23.56	306.76	1.19	-18.79G
	2154.00	6.80	289.10	2153.02	26.77	15.25	-22.04	26.80	304.68	2.45	12.16G
	2185.00	7.60	290.40	2183.78	30.57	16.57	-25.70	30.57	302.81	2.63	0.00G
	2216.00	8.00	290.40	2214.49	34.69	18.03	-29.64	34.69	301.32	1.29	46.35G
	2248.00	8.40	293.20	2246.16	39.19	19.73	-33.87	39.20	300.22	1.77	36.40G
	2279.00	9.10	296.40	2276.80	43.86	21.71	-38.15	43.90	299.64	2.75	-31.21G
	2310.00	9.60	294.60	2307.39	48.87	23.88	-42.70	48.92	299.22	1.87	-11.57G
	2341.00	10.30	293.80	2337.92	54.18	26.07	-47.58	54.26	298.72	2.30	17.54G
	2372.00	10.90	294.80	2368.39	59.83	28.42	-52.78	59.95	298.30	2.02	-19.63G
	2404.00	11.40	293.90	2399.79	65.97	30.97	-58.42	66.12	297.93	1.65	-2.36G
	2435.00	11.90	293.80	2430.15	72.16	33.50	-64.14	72.37	297.58	1.61	14.19G
	2467.00	12.50	294.50	2461.43	78.87	36.27	-70.31	79.12	297.29	1.93	-4.32G
	2498.00	13.10	294.30	2491.66	85.68	39.11	-76.57	85.98	297.06	1.94	45.18G
	2529.00	13.50	296.00	2521.83	92.76	42.14	-83.02	93.10	296.91	1.80	2.77G
	2560.00	14.00	296.10	2551.94	100.09	45.37	-89.64	100.47	296.85	1.61	20.77G
	2591.00	14.60	297.00	2581.98	107.71	48.80	-96.49	108.13	296.83	2.06	52.91G
	2622.00	15.00	299.00	2611.95	115.61	52.52	-103.48	116.04	296.91	2.09	49.18G
	2654.00	15.30	300.30	2642.84	123.97	56.65	-110.75	124.40	297.09	1.42	28.68G
	2685.00	15.80	301.30	2672.70	132.28	60.91	-117.88	132.69	297.33	1.83	14.06G
	2716.00	16.60	302.00	2702.47	140.93	65.45	-125.25	141.32	297.59	2.66	16.59G
	2747.00	17.30	302.70	2732.12	149.96	70.29	-132.88	150.32	297.88	2.35	7.55G
	2779.00	18.00	303.00	2762.62	159.66	75.55	-141.03	159.99	298.18	2.21	17.63G
	2810.00	18.50	303.50	2792.06	169.37	80.87	-149.15	169.66	298.47	1.69	-4.72G
	2841.00	19.30	303.30	2821.39	179.41	86.40	-157.53	179.67	298.74	2.59	-16.36G
	2873.00	20.00	302.70	2851.52	190.17	92.26	-166.56	190.40	298.98	2.28	-25.20G
	2903.00	20.60	301.90	2879.66	200.57	97.82	-175.36	200.79	299.15	2.20	-20.00G
	2965.00	21.30	301.20	2937.56	222.74	109.42	-194.25	222.95	299.39	1.20	-52.71G
	3006.00	21.70	299.80	2975.71	237.76	117.04	-207.20	237.97	299.46	1.59	2.74G

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
	3069.00	22.50	299.90	3034.08	261.45	128.84	-227.75	261.67	299.50	1.27	63.25G
	3132.00	22.80	301.40	3092.22	285.70	141.21	-248.62	285.92	299.60	1.03	123.54G
	3196.00	22.50	302.60	3151.29	310.35	154.27	-269.52	310.55	299.79	0.86	69.89G
	3259.00	22.60	303.30	3209.47	334.50	167.41	-289.80	334.67	300.01	0.45	33.03G
	3322.00	22.90	303.80	3267.57	358.85	180.87	-310.10	358.99	300.25	0.57	0.00G
	3384.00	22.90	303.80	3324.68	382.97	194.29	-330.15	383.08	300.48	0.00	173.62G
	3448.00	21.90	304.10	3383.85	407.34	207.91	-350.38	407.42	300.68	1.57	-121.31G
	3510.00	21.70	303.20	3441.42	430.35	220.67	-369.54	430.42	300.84	0.63	-121.54G
	3573.00	21.50	302.30	3499.99	453.54	233.22	-389.05	453.60	300.94	0.61	65.87G
	3639.00	21.60	302.90	3561.38	477.78	246.28	-409.47	477.83	301.03	0.37	-15.18G
	3702.00	22.30	302.40	3619.81	501.33	258.98	-429.30	501.37	301.10	1.15	-146.03G
	3765.00	21.70	301.30	3678.23	524.93	271.44	-449.34	524.97	301.14	1.16	180.00G
	3828.00	21.50	301.30	3736.80	548.12	283.49	-469.16	548.16	301.14	0.32	90.00G
	3891.00	21.50	303.30	3795.42	571.20	295.82	-488.68	571.24	301.19	1.16	-135.06G
	3954.00	20.80	301.30	3854.17	593.93	307.97	-507.88	593.96	301.23	1.60	-173.01G
	4018.00	19.70	300.90	3914.22	616.08	319.42	-526.85	616.11	301.23	1.73	157.59G
	4082.00	19.30	301.40	3974.55	637.44	330.47	-545.13	637.48	301.22	0.68	25.43G
	4144.00	19.80	302.10	4032.97	658.19	341.39	-562.77	658.22	301.24	0.89	-90.00G
	4205.00	19.80	300.00	4090.37	678.84	352.04	-580.47	678.88	301.24	1.17	114.98G
	4268.00	19.50	302.00	4149.70	700.02	362.95	-598.63	700.07	301.23	1.17	-175.32G
	4330.00	19.10	301.90	4208.21	720.52	373.79	-616.02	720.56	301.25	0.65	-65.54G
	4393.00	19.30	300.60	4267.71	741.23	384.54	-633.73	741.27	301.25	0.75	90.00G
	4455.00	19.30	302.30	4326.23	761.72	395.23	-651.21	761.76	301.25	0.91	123.65G
	4518.00	18.90	304.20	4385.76	782.33	406.53	-668.45	782.36	301.31	1.17	49.54G
	4582.00	19.30	305.60	4446.24	803.24	418.51	-685.62	803.26	301.40	0.95	-99.57G
	4645.00	19.20	303.60	4505.71	823.98	430.31	-702.72	824.00	301.48	1.06	-147.95G
	4708.00	18.40	302.00	4565.35	844.28	441.31	-719.78	844.29	301.51	1.51	-57.95G
	4740.00	18.50	301.50	4595.71	854.41	446.64	-728.39	854.42	301.52	0.58	-38.93G
	4803.00	19.20	299.80	4655.33	874.75	457.01	-745.90	874.77	301.50	1.41	-170.85G
	4865.00	18.80	299.60	4713.95	894.93	467.01	-763.44	894.95	301.45	0.65	138.97G
	4929.00	18.30	301.00	4774.63	915.28	477.28	-781.01	915.30	301.43	1.05	87.67G
	4991.00	18.40	305.20	4833.48	934.78	487.93	-797.35	934.80	301.46	2.14	17.88G
	5054.00	18.80	305.60	4893.19	954.83	499.57	-813.73	954.85	301.55	0.67	106.31G
	5117.00	18.70	306.70	4952.84	975.03	511.52	-830.09	975.03	301.64	0.58	-135.12G
	5180.00	18.00	304.40	5012.64	994.82	523.05	-846.21	994.82	301.72	1.60	-158.47G
	5244.00	16.90	302.90	5073.69	1014.00	533.69	-862.18	1014.00	301.76	1.86	83.02G
	5306.00	17.00	305.30	5133.00	1032.05	543.83	-877.15	1032.05	301.80	1.14	-16.66G
	5368.00	17.40	304.90	5192.23	1050.36	554.37	-892.15	1050.36	301.86	0.67	-55.27G
	5431.00	17.70	303.50	5252.30	1069.34	565.04	-907.86	1069.34	301.90	0.82	-114.51G
	5494.00	17.50	302.00	5312.35	1088.38	575.35	-923.88	1088.38	301.91	0.79	-163.54G
	5557.00	17.20	301.70	5372.48	1107.17	585.26	-939.84	1107.17	301.91	0.50	35.16G
	5621.00	17.50	302.40	5433.57	1126.25	595.39	-956.01	1126.26	301.91	0.57	6.01G
	5683.00	18.40	302.70	5492.55	1145.36	605.67	-972.12	1145.36	301.92	1.46	-173.53G
	5747.00	17.60	302.40	5553.42	1165.14	616.31	-988.79	1165.14	301.94	1.26	-162.03G
	5810.00	16.80	301.50	5613.60	1183.76	626.17	-1004.59	1183.77	301.94	1.34	175.47G
	5872.00	16.10	301.70	5673.06	1201.32	635.37	-1019.55	1201.32	301.93	1.13	63.29G
	5934.00	16.70	305.60	5732.54	1218.81	645.08	-1034.11	1218.81	301.96	2.02	-73.02G
	5998.00	16.80	304.50	5793.83	1237.22	655.67	-1049.21	1237.23	302.00	0.52	170.24G
	6061.00	15.70	305.20	5854.31	1254.83	665.74	-1063.67	1254.83	302.04	1.77	-150.16G
	6123.00	15.20	304.10	5914.07	1271.32	675.13	-1077.26	1271.33	302.08	0.93	151.46G
	6185.00	14.30	306.10	5974.02	1287.08	684.20	-1090.18	1287.10	302.11	1.67	-40.24G
	6248.00	14.60	305.10	6035.03	1302.77	693.35	-1102.96	1302.79	302.15	0.62	-139.11G
	6311.00	14.40	304.40	6096.02	1318.52	702.34	-1115.92	1318.54	302.19	0.42	62.48G
	6373.00	15.50	311.50	6155.93	1334.39	712.19	-1128.49	1334.43	302.26	3.44	6.87G
	6436.00	17.50	312.30	6216.33	1352.01	724.14	-1141.80	1352.07	302.38	3.19	-111.32G

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
	6498.00	17.00	307.40	6275.55	1370.20	735.92	-1155.89	1370.28	302.48	2.48	-31.44G
	6561.00	18.30	304.90	6335.58	1389.24	747.17	-1171.32	1389.34	302.53	2.39	26.28G
	6624.00	19.90	307.20	6395.11	1409.80	759.32	-1187.98	1409.91	302.59	2.81	19.24G
	6688.00	20.40	307.70	6455.19	1431.74	772.72	-1205.48	1431.88	302.66	0.83	-39.99G
	6750.00	22.00	304.20	6513.00	1454.09	785.86	-1223.64	1454.26	302.71	3.29	-107.36G
	6813.00	21.70	301.40	6571.47	1477.53	798.56	-1243.34	1477.70	302.71	1.72	65.77G
	6876.00	22.20	304.20	6629.91	1501.07	811.32	-1263.12	1501.24	302.71	1.84	60.59G
	6939.00	22.60	306.00	6688.16	1525.03	825.13	-1282.76	1525.22	302.75	1.26	-79.50G
	7003.00	22.90	302.40	6747.18	1549.75	839.03	-1303.22	1549.95	302.77	2.22	-110.81G
	7065.00	22.10	295.90	6804.47	1573.42	850.59	-1323.90	1573.60	302.72	4.21	-170.69G
	7129.00	20.40	295.10	6864.11	1596.47	860.58	-1344.84	1596.61	302.62	2.69	154.47G
	7192.00	19.30	296.70	6923.37	1617.75	869.91	-1364.08	1617.86	302.53	1.95	131.46G
	7255.00	18.00	301.70	6983.07	1637.85	879.71	-1381.67	1637.95	302.48	3.27	96.61G
	7319.00	17.90	305.60	7043.95	1657.55	890.63	-1398.08	1657.66	302.50	1.88	-16.94G
	7383.00	19.20	304.40	7104.63	1677.88	902.30	-1414.76	1678.00	302.53	2.12	167.82G
	7447.00	18.90	304.60	7165.12	1698.75	914.13	-1431.97	1698.88	302.55	0.48	127.92G
	7478.00	18.80	305.00	7194.46	1708.75	919.85	-1440.20	1708.89	302.57	0.53	156.32G
	7541.00	18.30	305.70	7254.19	1728.76	931.44	-1456.55	1728.90	302.60	0.87	58.73G
	7605.00	18.70	307.70	7314.88	1748.99	943.58	-1472.82	1749.16	302.65	1.17	10.21G
	7668.00	21.80	309.20	7373.98	1770.64	957.15	-1489.88	1770.85	302.72	4.99	20.46G
	7732.00	21.90	309.30	7433.38	1794.26	972.22	-1508.33	1794.51	302.80	0.17	-64.62G
	7793.00	22.10	308.20	7489.94	1816.95	986.53	-1526.15	1817.24	302.88	0.75	-144.41G
	7857.00	21.20	306.40	7549.42	1840.45	1000.84	-1544.93	1840.78	302.94	1.75	-138.97G
	7887.00	20.60	304.90	7577.45	1851.13	1007.08	-1553.62	1851.47	302.95	2.68	-149.88G
	7919.00	19.90	303.70	7607.47	1862.19	1013.32	-1562.77	1862.54	302.96	2.54	-156.97G
	7951.00	18.70	302.10	7637.67	1872.77	1019.07	-1571.65	1873.12	302.96	4.10	-140.23G
	7981.00	17.90	299.90	7666.16	1882.18	1023.92	-1579.72	1882.53	302.95	3.52	-90.00G
	8013.00	17.90	297.70	7696.61	1892.00	1028.66	-1588.33	1892.34	302.93	2.11	-32.24G
	8044.00	18.30	296.90	7726.07	1901.60	1033.08	-1596.89	1901.92	302.90	1.52	-23.07G
	8074.00	18.60	296.50	7754.53	1911.06	1037.34	-1605.37	1911.36	302.87	1.09	-126.71G
	8104.00	18.30	295.20	7782.99	1920.50	1041.48	-1613.92	1920.78	302.83	1.70	-123.11G
	8135.00	18.10	294.20	7812.44	1930.11	1045.53	-1622.71	1930.37	302.79	1.20	-3.06G
	8166.00	18.70	294.10	7841.85	1939.80	1049.53	-1631.64	1940.04	302.75	1.94	-23.19G
	8198.00	19.40	293.20	7872.10	1950.14	1053.72	-1641.21	1950.36	302.70	2.37	-24.23G
	8229.00	19.70	292.80	7901.31	1960.39	1057.77	-1650.76	1960.58	302.65	1.06	-18.71G
	8261.00	19.80	292.70	7931.43	1971.07	1061.95	-1660.73	1971.24	302.60	0.33	-157.92G
	8292.00	19.00	291.70	7960.67	1981.22	1065.85	-1670.26	1981.37	302.54	2.79	-161.74G
	8354.00	16.90	289.30	8019.65	1999.95	1072.56	-1688.15	2000.06	302.43	3.59	-5.27G
	8417.00	17.90	289.00	8079.77	2018.33	1078.74	-1705.95	2018.40	302.31	1.59	-14.18G
	8479.00	18.40	288.60	8138.68	2037.15	1084.96	-1724.23	2037.18	302.18	0.83	21.97G
	8542.00	18.80	289.10	8198.39	2056.73	1091.45	-1743.25	2056.74	302.05	0.68	33.61G
	8605.00	19.30	290.10	8257.94	2076.82	1098.35	-1762.62	2076.82	301.93	0.95	71.89G
TD	8637.00	19.40	291.00	8288.13	2087.22	1102.07	-1772.54	2087.22	301.87	0.98	0.00G