



CACTUS DRILLING COMPANY, L.L.C.
REPORT OF PROOF OF APPARENT DEVIATION
NEW MEXICO

OPERATOR GRUY PETROLEUM MANAGEMENT CO.
600 EAST LAS COLINAS BLVD. STE 1100
IRVING, TX 75039

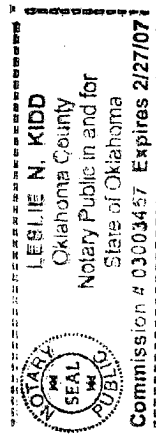
FIELD NAME _____

COUNTY/PARISH LEA _____

WELL NAME & NO. MESCALERO 29 #3 _____

LEGAL SEC 29-19S-34E _____

MEASURED DEPTH (FT)	COURSE LENGTH (HUNDREDS OF FT)	ANGLE OF INCLINATION (DEGREES)	DISPLACEMENT PER HUNDRED FT (SINE OF ANGLE X 100)	COURSE DISPLACEMENT (FEET)	ACCUMULATIVE DISPLACEMENT (FEET)	REMARKS
244	2.44	1/2	0.8727	2.13	2.13	
988	7.44	1/4	0.4363	3.25	5.38	
1478	4.90	1/4	0.4363	2.14	7.51	
1976	4.98	1/4	0.4363	2.17	9.69	
2995	10.19	1 1/2	2.6177	26.67	36.36	
3495	5.00	1 1/4	2.1815	10.91	47.27	
3975	4.80	5/8	1.0821	5.19	52.46	
4452	4.77	2 1/9	3.6644	17.48	69.94	
4991	5.39	0	0.1222	0.66	70.60	
5500	5.09	1/2	0.8901	4.53	75.13	
5977	4.77	1/2	0.9425	4.50	79.63	
6454	4.77	1 1/3	2.2687	10.82	90.45	
7026	5.72	3/4	1.2915	7.39	97.84	
8070	10.44	1/2	0.8727	9.11	106.95	
9658	15.88	6	10.4528	165.99	272.94	
9687	0.29	3	5.2336	1.52	274.46	
9719	0.32	3	5.2336	1.67	276.13	
9750	0.31	3	5.2336	1.62	277.75	
9782	0.32	4	6.9756	2.23	279.98	
9829	0.47	6	10.4528	4.91	284.90	
9861	0.32	6	10.4528	3.34	288.24	
9893	0.32	6	10.4528	3.34	291.59	
9925	0.32	6	10.4528	3.34	294.93	
9957	0.32	5	8.7156	2.79	297.72	
9988	0.31	6	10.4528	3.24	300.96	
10041	0.53	5	8.7156	4.62	305.58	
10070	0.29	5	8.7156	2.53	308.11	
10102	0.32	6	10.4528	3.34	311.45	
10198	0.96	5	8.7156	8.37	319.82	
10134	-0.64	6	10.4528	-6.69	313.13	
10186	0.52	6	10.4528	5.44	318.57	
10230	0.44	5	8.7156	3.83	322.40	
10261	0.31	5	8.7156	2.70	325.10	
10357	0.96	4	6.9756	6.70	331.80	
10389	0.32	4	6.9756	2.23	334.03	
10420	0.31	3	5.2336	1.62	335.65	
10461	0.41	3	5.2336	2.15	337.80	
10494	0.33	2	3.4899	1.15	338.95	
10620	1.26	2	3.4899	4.40	343.35	
10715	0.95	2	3.4899	3.32	346.66	
10874	1.59	2	3.4899	5.55	352.21	
11065	1.91	2	3.4899	6.67	358.88	
11193	1.28	2	3.4899	4.47	363.35	
11383	1.90	1	1.7452	3.32	366.66	
11675	2.92	1	1.7452	5.10	371.76	
11923	2.48	2	3.4899	8.66	380.41	
12112	1.89	2	3.4899	6.60	387.01	
12158	0.46	2	3.4899	1.61	388.61	
12348	1.90	2	3.4899	6.63	395.24	
12496	1.48	2	3.4899	5.17	400.41	
12622	1.26	1	1.7452	2.20	402.61	
12878	2.56	2	3.4899	8.93	411.54	
13124	2.46	1	1.7452	4.29	415.84	
13538	4.14	2	3.4899	14.45	430.28	



Leslie N. Kidd