



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. PIPELINE DEEP 5 FEDERAL 3 Unit G 1650/N & 1340/E LEGAL SEC 5-19S-34E

30-025-37196

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
274	2.74	1/7	0.2818	0.72	0.72	
367	0.93	1/7	0.2443	0.23	0.94	
557	1.90	2/5	0.6807	1.29	2.24	
795	2.38	1/3	0.5760	1.37	3.61	
1005	2.10	2/7	0.5061	1.06	4.67	
1220	2.15	2/3	1.1868	2.55	7.22	
1626	4.06	2/3	1.2217	4.96	12.18	
1880	2.54	7/8	1.5184	3.86	16.04	
2134	2.54	1/6	0.3142	0.80	16.84	
2594	4.80	1/3	0.5934	2.73	19.57	
3446	8.52	3/5	1.0472	8.92	28.49	
3675	2.29	1/2	0.8727	2.00	30.49	
3784	1.09	1 3/8	2.3909	2.61	33.09	
3942	1.58	1 1/5	2.0942	3.31	36.40	
4510	5.68	6/7	1.4835	8.43	44.83	
5020	5.10	6/7	1.5008	7.65	52.48	
5536	5.16	3/4	1.2741	6.57	59.06	
5975	4.39	1/6	0.3142	1.38	60.44	
6040	0.65	1/2	0.8727	0.57	61.00	
6483	4.43	1	1.7452	7.73	68.74	
6960	4.77	1	1.7452	8.32	77.06	
7469	5.09	1/2	0.8727	4.44	81.50	
7912	4.43	1	1.7452	7.73	89.23	
8543	6.31	1	1.7452	11.01	100.25	
9619	10.76	1	1.7452	18.78	119.02	
10042	4.23	2 3/4	4.7978	20.29	139.32	
10187	1.45	3 1/4	5.6693	8.22	147.54	
10376	1.89	2	3.4899	6.60	154.14	
10471	0.95	1	1.7452	1.66	155.79	
10662	1.91	1	1.7452	3.33	159.13	
10946	2.84	1	1.7452	4.96	164.08	
11261	3.15	2 1/2	4.3619	13.74	177.82	
11375	1.14	1	1.7452	1.99	179.81	
11545	1.70	1/2	0.8727	1.48	181.30	
11702	1.57	1	1.7452	2.74	184.04	
11987	2.85	1/2	0.8727	2.49	186.52	
12142	1.55	1/2	0.8727	1.35	187.88	
12176	0.34	1/2	0.8727	0.30	188.17	
12300	1.24	1	1.7452	2.16	190.34	
12459	1.59	1	1.7452	2.77	193.11	
12684	2.25	1/2	0.8727	1.96	195.08	
12806	1.22	1/2	0.8727	1.06	196.14	
12901	0.95	1/2	0.8727	0.83	196.97	
13059	1.58	1/2	0.8727	1.38	198.35	
13438	3.79	1/2	0.8727	3.31	201.66	
13600	1.62	1/2	0.8727	1.41	203.07	
13704	1.04	1 1/2	2.6177	2.72	205.79	



LESLIE N. KIDD
Oklahoma County
Notary Public in and for
State of Oklahoma

Commission # 03003457 Expires 2/27/07

3/14/2006

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