



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

30-025-37894

OPERATOR CIMAREX ENERGY CO
600 EAST LAS COLINAS BLVD. STE 1100
IRVING, TX 75039

FIELD NAME

COUNTY/PARISH LEA

WELL NAME & NO. CRESTONE 1X-6 2260/N-1700/E

LEGAL SEC 12-15S-37E

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
104	1.04	1/2	0.8727	0.91	0.91	
556	4.52	1/2	0.8727	3.94	4.85	
700	1.44	1/2	0.8727	1.26	6.11	
885	1.85	1/2	0.8727	1.61	7.72	
1100	2.15	1/2	0.8727	1.88	9.60	
1350	2.50	1/2	0.8727	2.18	11.78	
1553	2.03	1/2	0.8727	1.77	13.55	
1805	2.52	1/2	0.8727	2.20	15.75	
1864	0.59	2/5	0.6807	0.40	16.15	
2116	2.52	1	1.7452	4.40	20.55	
2168	0.52	1	1.7452	0.91	21.46	
2257	0.89	1/2	0.8727	0.78	22.24	
2352	0.95	1/2	0.8727	0.83	23.06	
2566	2.14	1	1.7452	3.73	26.80	
2684	1.18	1/4	0.4189	0.49	27.29	
2880	1.96	1/2	0.9250	1.81	29.11	
3027	1.47	1/2	0.8727	1.28	30.39	
3117	0.90	1/2	0.8727	0.79	31.17	
3212	0.95	1/2	0.8727	0.83	32.00	
3453	2.41	1	1.7452	4.21	36.21	
3771	3.18	1	1.7452	5.55	41.76	
3960	1.89	1	1.7452	3.30	45.06	
4215	2.55	1	1.7452	4.45	49.51	
4470	2.55	1	1.7452	4.45	53.96	
4865	3.95	1/2	0.8727	3.45	57.41	
5144	2.79	1/2	0.8727	2.43	59.84	
5228	0.84	1/2	0.8727	0.73	60.57	
5501	2.73	1/2	0.8727	2.38	62.96	
5810	3.09	1/2	0.8727	2.70	65.65	
6126	3.16	1/2	0.8727	2.76	68.41	
6520	3.94	1/2	0.8727	3.44	71.85	
6820	3.00	1/2	0.8727	2.62	74.47	
7143	3.23	1/2	0.8727	2.82	77.28	
7470	3.27	1/2	0.8727	2.85	80.14	
7716	2.46	1/2	0.8727	2.15	82.28	
7706	-0.10	5/8	1.0995	-0.11	82.18	
7992	2.86	1/2	0.8727	2.50	84.67	
8288	2.96	1/2	0.8727	2.58	87.25	
8544	2.56	1/2	0.8727	2.23	89.49	
8830	2.86	1/2	0.8727	2.50	91.98	
9120	2.90	1/2	0.8727	2.53	94.51	
9376	2.56	1/2	0.8727	2.23	96.75	
9661	2.85	1/2	0.8727	2.49	99.24	

NOTARY
SEAL
PUBLIC
LESLIE N. KIDD
Oklahoma County
Notary Public in and for
State of Oklahoma
Commission # 03003457 Expires 2/27/07

Leslie N. Kidd

8/2/2006

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