



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

30-025 37193

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

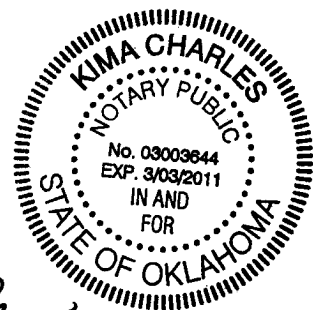
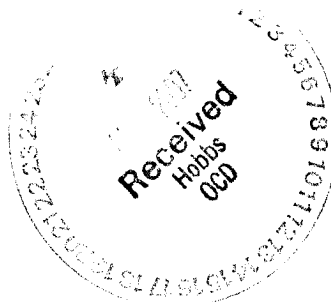
FIELD NAME _____

COUNTY/PARISH LEA _____

WELL NAME & NO. PIPELINE DEEP 18 FED #6

LEGAL SEC 18-19S-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
677	6.77	1/4	0.4363	2.95	2.95	
1202	5.25	5/7	1.2392	6.51	9.46	
1677	4.75	2/3	1.1693	5.55	15.01	
2153	4.76	4/5	1.3788	6.56	21.58	
2630	4.77	3/7	0.7505	3.58	25.16	
3203	5.73	2	3.4202	19.60	44.75	
3830	6.27	1	1.6231	10.18	54.93	
4225	3.95	2	3.6295	14.34	69.27	
4275	0.50	1 1/2	2.6177	1.31	70.58	
4363	0.88	1	1.7452	1.54	72.11	
4750	3.87	1/2	0.8727	3.38	75.49	
5189	4.39	1/2	0.8727	3.83	79.32	
5562	3.73	1	1.7452	6.51	85.83	
5870	3.08	1/2	0.8727	2.69	88.52	
6261	3.91	1/2	0.8727	3.41	91.93	
6671	4.10	1	1.7452	7.16	99.09	
7070	3.99	1/2	0.8727	3.48	102.57	
7483	4.13	1	1.7452	7.21	109.78	
7879	3.96	1/2	0.8727	3.46	113.23	
8259	3.80	1 1/2	2.6177	9.95	123.18	
8456	1.97	1 1/2	2.6177	5.16	128.33	
8770	3.14	2	3.4899	10.96	139.29	
9092	3.22	1/2	0.8727	2.81	142.10	
9513	4.21	1/2	0.8727	3.67	145.78	
9832	3.19	1	1.7452	5.57	151.34	
10267	4.35	1/2	0.8727	3.80	155.14	
10650	3.83	1/2	0.8727	3.34	158.48	
11050	4.00	1	1.7452	6.98	165.46	
11467	4.17	1/2	0.8727	3.64	169.10	
12045	5.78	1/2	0.8727	5.04	174.15	
12444	3.99	1/2	0.8727	3.48	177.63	
12875	4.31	1/2	0.8727	3.76	181.39	
13287	4.12	1/2	0.8727	3.60	184.98	



Kima Charles

3/22/07

3/22/2007

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