



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

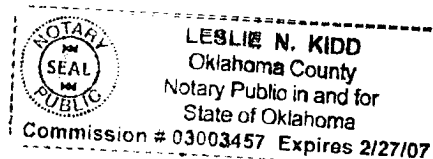
OPERATOR Cimarex Energy Co.
600 EAST LAS COLINAS BLVD. STE 1100
IRVING, TX 75039

FIELD NAME _____
COUNTY/PARISH CHAVES

WELL NAME & NO. BUFFALO VALLEY 8 STATE #1

LEGAL SEC 8-15S-28E

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
250	2.50	6/7	1.4835	3.71	3.71	
741	4.91	5/7	1.2392	6.08	9.79	
1204	4.63	1	1.9023	8.81	18.60	
1750	5.46	3/5	1.0646	5.81	24.41	
2221	4.71	1/3	0.6283	2.96	27.37	
2707	4.86	1	1.6405	7.97	35.35	
3185	4.78	3/5	1.0472	5.01	40.35	
3730	5.45	1 1/5	2.0942	11.41	51.76	
4207	4.77	1	1.7627	8.41	60.17	
4479	2.72	1	1.6405	4.46	64.64	
4979	5.00	2/5	0.6807	3.40	68.04	
5501	5.22	1/5	0.3665	1.91	69.95	
6001	5.00	1	1.7278	8.64	78.59	
6231	2.30	1	1.6231	3.73	82.32	
6740	5.09	2/3	1.1519	5.86	88.19	
7220	4.80	1 1/6	2.0419	9.80	97.99	
7720	5.00	1	1.7103	8.55	106.54	
8202	4.82	1/2	0.9250	4.46	111.00	
8647	4.45	1	1.7452	7.77	118.76	
8852	2.05	1 3/7	2.4781	5.08	123.84	



Leslie N. Kidd
3-24-06