



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

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

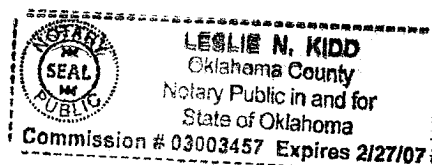
FIELD NAME _____

COUNTY/PARISH LEA

WELL NAME & NO. LAGUNA DEEP UNIT #9

LEGAL SEC 35-19S-33E

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
360	3.60	1/2	0.8377	3.02	3.02	
890	5.30	7/9	1.3439	7.12	10.14	
1320	4.30	1/2	0.8203	3.53	13.67	
1828	5.08	1 1/8	1.9546	9.93	23.60	
2400	5.72	1/5	0.3665	2.10	25.69	
2908	5.08	5/6	1.4311	7.27	32.96	
3416	5.08	1/2	0.8377	4.26	37.22	
3578	1.62	3/8	0.6458	1.05	38.26	
3787	2.09	3/4	1.2741	2.66	40.93	
4231	4.44	1	1.8499	8.21	49.14	
4730	4.99	1	1.6405	8.19	57.33	
5224	4.94	1/2	0.8552	4.22	61.55	
5700	4.76	8/9	1.5707	7.48	69.03	
6175	4.75	1	1.7627	8.37	77.40	
6685	5.10	1	1.8150	9.26	86.66	
7195	5.10	1	1.6056	8.19	94.85	
7638	4.43	1	1.6056	7.11	101.96	
8115	4.77	1 1/4	2.1640	10.32	112.28	
8592	4.77	5/9	0.9599	4.58	116.86	
9135	5.43	1/2	0.8552	4.64	121.50	
9567	4.32	8/9	1.5533	6.71	128.21	
9847	2.80	7/8	1.5358	4.30	132.51	
10340	4.93	1 1/6	2.0244	9.98	142.50	
10815	4.75	1	1.6056	7.63	150.12	
11200	3.85	1 5/8	2.8445	10.95	161.07	
11680	4.80	1	1.6929	8.13	169.20	
12640	9.60	1 1/3	2.3036	22.11	191.31	
13020	3.80	1 6/7	3.2283	12.27	203.58	
13340	3.20	1 7/9	3.0887	9.88	213.47	
13587	2.47	1 7/8	3.2632	8.06	221.53	



Leslie N. Kidd
1-18-07