

Unit M-2-15s-30
315/s & 330/e

CACTUS

CACTUS DRILLING COMPANY, L.L.C.

REPORT OF PROOF OF APPARENT DEVIATION
NEW MEXICO

30-005-2904

RECEIVED

SEP 27 2010

HOBSOCD

OPERATOR CIMAREX CO OF CO
MIDLAND, TX

FIELD NAME _____

COUNTY/PARISH CHAVES

WELL NAME & NO. WASP 2 STATE 1

LEGAL SEC 2-15S-31E

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
259	2 59	1/2	0 8727	2 26	2 26	
668	4 09	1/2	0 8727	3 57	5 83	
1012	3 44	1/2	0 8727	3 00	8 83	
1328	3 16	1/2	0 8727	2 76	11 59	
1630	3 02	1	1 7452	5 27	16 86	
2010	3 80	1	1 7452	6 63	23 49	
2405	3 95	1	1 7452	6 89	30 39	
2780	3 75	1/2	0 8727	3 27	33 66	
3200	4 20	2	3 4899	14 66	48 32	
3400	2 00	1	1 7452	3 49	51 81	
3700	3 00	1/2	0 8727	2 62	54 42	
4100	4 00	1/2	0 8727	3 49	57 91	
4510	4 10	1/2	0 8727	3 58	61 49	
4900	3 90	1	1 7452	6 81	68 30	
5300	4 00	1/2	0 8727	3 49	71 79	
5700	4 00	1/2	0 8727	3 49	75 28	
6100	4 00	1/2	0 8727	3 49	78 77	
6400	3 00	1/2	0 8727	2 62	81 39	
6585	1 85	1/2	0 8727	1 61	83 00	
6800	2 15	1/2	0 8727	1 88	84 88	
7100	3 00	1/2	0 8727	2 62	87 50	
7350	2 50	1/2	0 8727	2 18	89 68	
7773	4 23	1/2	0 8727	3 69	93 37	
8153	3 80	1/2	0 8727	3 32	96 69	
8439	2 86	1/2	0 8727	2 50	99 18	
8808	3 69	1/2	0 8727	3 22	102 40	

LESLIE N. KIDD
NOTARY PUBLIC - STATE OF OKLAHOMA
MY COMMISSION EXPIRES, MARCH 07, 2011
MY COMMISSION # 07002370

Leslie N. Kidd
9-20-10

KD