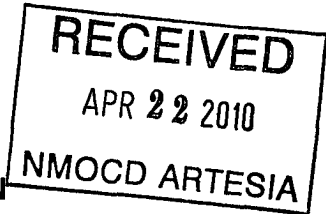


30-015-36592



CACTUS DRILLING COMPANY, L.L.C.

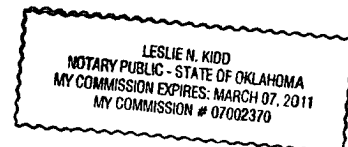
REPORT OF PROOF OF APPARENT DEVIATION NEW MEXICO

OPERATOR CIMAREX ENERGY CO

FIELD NAME _____

Midland, TXCOUNTY/PARISH EDDYWELL NAME & NO. COTTONWOOD DRAW 22 FED COM 1HLEGAL SEC 22-25S-26E

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
653	6.53	1	1.7278	11.28	11.28	
1120	4.67	1 1/2	2.6177	12.22	23.51	
1626	5.06	2 3/4	4.7978	24.28	47.78	
2105	4.79	1	1.8325	8.78	56.56	
2576	4.71	2/3	1.1170	5.26	61.82	
3050	4.74	2/3	1.1344	5.38	67.20	
3524	4.74	3/4	1.2915	6.12	73.32	
3997	4.73	1/2	0.9250	4.38	77.70	
4471	4.74	1 1/8	1.9599	9.29	86.99	
4976	5.05	2	3.4899	17.62	104.61	
5452	4.76	1 2/9	2.1291	10.13	114.75	
5950	4.98	2 4/5	4.8850	24.33	139.07	
6176	2.26	2 1/2	4.3619	9.86	148.93	
6649	4.73	2 3/4	4.7629	22.53	171.46	
7122	4.73	1 3/4	3.0364	14.36	185.82	
7675	5.53	1/3	0.6109	3.38	189.20	
7940	2.65	2 3/5	4.5189	11.97	201.17	
8255	3.15	2 2/7	3.9957	12.59	213.76	
8731	4.76	1 3/4	3.0364	14.45	228.21	
9200	4.69	2 5/9	4.4491	20.87	249.08	
9836	6.36	1 1/3	2.3560	14.98	264.07	



Leslie N. Kidd
4-19-2010

MR

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