

AUG 17 2009



30.015-35491

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

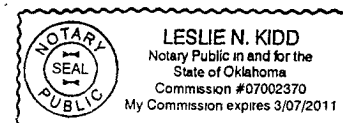
OPERATOR CIMAREX ENERGY CO
5215 N. O'CONNOR BLVD
IRVING, TX 75039

FIELD NAME _____
COUNTY/PARISH EDDY

WELL NAME & NO. KEELY 26 FED #2

LEGAL SEC 26-17S-29E

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
159	1.59	2/3	1.1344	1.80	1.80	
313	1.54	3/4	1.3090	2.02	3.82	
639	3.26	3/7	0.7505	2.45	6.27	
1102	4.63	1	1.7452	8.08	14.35	
1511	4.09	4/7	0.9948	4.07	18.42	
1920	4.09	1 3/8	2.3909	9.78	28.19	
2144	2.24	1 2/7	2.2338	5.00	33.20	
2400	2.56	1	1.6754	4.29	37.49	
2800	4.00	4/5	1.3962	5.58	43.07	
3265	4.65	1/7	0.2443	1.14	44.21	
3425	1.60	1 1/5	2.0942	3.35	47.56	
3457	0.32	2 3/5	4.5363	1.45	49.01	
3489	0.32	3 1/2	6.1049	1.95	50.96	
3520	0.31	3 8/9	6.8015	2.11	53.07	
3583	0.63	3 4/5	6.6274	4.18	57.25	
3647	0.64	3 1/2	6.1049	3.91	61.15	
3711	0.64	3 2/7	5.7564	3.68	64.84	
3774	0.63	2 8/9	5.0593	3.19	68.03	
3806	0.32	2 4/5	4.8850	1.56	69.59	
3868	0.62	2 2/7	4.6132	2.49	72.08	
3899	0.31	2	3.4899	1.08	73.16	
4127	2.28	1 1/2	2.6002	5.93	79.09	
4375	2.48	4 4/5	8.3678	20.75	99.84	
4406	0.31	3 1/9	5.4079	1.68	101.52	
4487	0.81	8	13.9173	11.27	112.79	
4643	1.56	1	1.7452	2.72	115.51	
4865	2.22	1 1/2	2.6177	5.81	121.32	
5069	2.04	1 1/2	2.6177	5.34	126.66	
5403	3.34	1 1/2	2.6177	8.74	135.41	
5530	1.27	2 1/4	3.9609	5.03	140.44	
5765	2.35	3	5.2336	12.30	152.74	
5810	0.45	2 1/2	4.3619	1.96	154.70	
6050	2.40	3	5.2336	12.56	167.26	
6157	1.07	3	5.2336	5.60	172.86	
6367	2.10	3	5.2336	10.99	183.85	
6494	1.27	3	5.2336	6.65	190.50	
6570	0.76	2 1/2	4.3619	3.32	193.81	
6779	2.09	3	5.2336	10.94	204.75	
6905	1.26	3	5.2336	6.59	211.34	
7014	1.09	4 5/8	8.0721	8.80	220.14	
7235	2.21	3 2/5	5.9481	13.15	233.29	
7460	2.25	3	5.1813	11.66	244.95	
7728	2.68	3	5.2336	14.03	258.97	
7982	2.54	1 1/2	2.6177	6.65	265.62	
8265	2.83	1	1.7452	4.94	270.56	
8540	2.75	1	1.7452	4.80	275.36	
8793	2.53	1	1.7452	4.42	279.77	
9045	2.52	1	1.7452	4.40	284.17	
9330	2.85	1/2	0.8727	2.49	286.66	
9540	2.10	1	1.7452	3.67	290.32	
9806	2.66	1	1.7452	4.84	294.97	
10026	2.20	1	1.7452	3.84	298.81	
10280	2.54	1/2	0.8727	2.22	301.02	
10420	1.40	1	1.7452	2.44	303.47	
10800	3.80	1	1.7452	6.63	310.10	
11116	3.16	1	1.7452	5.51	315.61	



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10/2/2007

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10-2-07