

ARCO Permian
 600 N. Marienfeld
 P.O. Box 1610
 Midland, TX 79702
 McDonald State # 32
 Lea County, NM

✓ WM

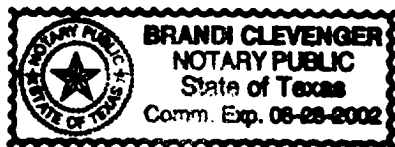
Unit K

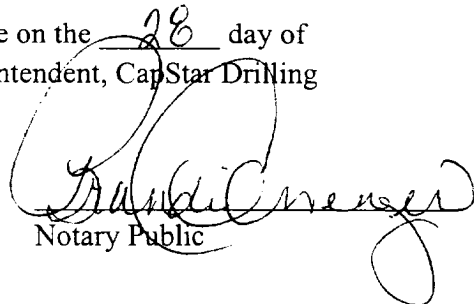
36.225-36e
 23.0/5 & 1650/W
 30-025-34544

439	4.39	1	1.75	7.68	7.68
938	9.38	1/2	0.88	8.21	8.21
1432	14.32	1/2	0.88	12.53	12.53
1927	19.27	1	1.75	33.72	33.72
2412	24.12	2 3/4	4.81	116.08	116.08
2535	25.35	3	5.25	133.09	133.09
2629	26.29	3	5.25	138.02	138.02
2720	27.20	2 3/4	4.81	130.90	130.90
2844	28.44	2 3/4	4.81	136.87	136.87
2937	29.37	3 1/4	5.69	167.04	167.04
3031	30.31	3 1/4	5.69	172.39	172.39
3122	31.22	2 3/4	4.81	150.25	150.25
3212	32.12	2 1/4	3.94	126.47	126.47
3600	36.00	3	5.25	189.00	189.00


 Michael Roghair - Drilling Superintendent

The attached instrument was acknowledged before me on the 28 day of December 1998 by Michael Roghair - Drilling Superintendent, CapStar Drilling




 Notary Public