

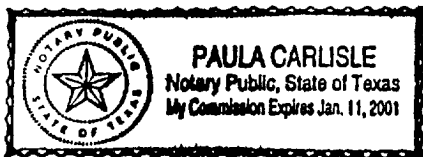
ARCO Permian
 600 N. Marienfeld
 P.O. Box 1610
 Midland, Texas 79702

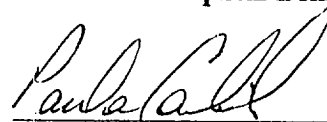
J. H. Williams #1 Unit D 34-19s-37e 660/S & 1980/E
 Lea County, NM 30-025-34017

500	5.00	3/4	1.31	6.56	6.56
985	4.85	2 3/4	4.81	23.34	29.90
1225	2.40	1/4	0.44	1.05	30.95
1504	2.79	3/4	1.31	3.66	34.62
1755	2.51	2 1/4	3.94	9.88	44.50
1911	1.56	1/2	0.88	1.37	45.86
2381	4.70	1 1/4	2.19	10.28	56.14
2631	2.50	1/4	0.44	1.09	57.24
2694	0.63	1 1/4	2.19	1.38	58.62
2819	1.25	1/2	0.88	1.09	59.71
3194	3.75	1	1.75	6.56	66.27
3688	4.94	1	1.75	8.65	74.92
4222	5.34	1 1/4	2.19	11.68	86.60
4687	4.65	1 1/4	2.19	10.17	96.77
5118	4.31	1 1/2	2.63	11.31	108.08
5627	5.09	1 1/4	2.19	11.13	119.22
6123	4.96	1 1/2	2.63	13.02	132.24
6620	4.97	1 1/2	2.63	13.05	145.29
6713	0.93	1	1.75	1.63	146.91
7000	2.87	1 1/2	2.63	7.53	154.45


 James L. Brazeal

The attached instrument was acknowledged before me on the 29th day of July, 1997 by James L. Brazeal - President, Brazeal Inc. d/b/a CapStar Drilling




 Notary Public

