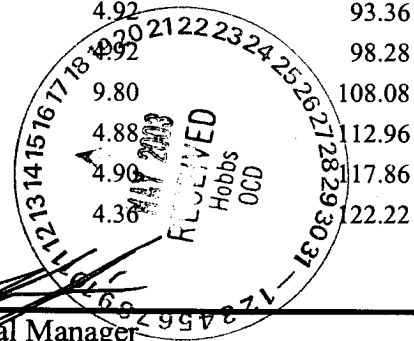


Arch Petroleum Inc
Pogo Producing Company
P.O. Box 10340
Midland, TX 79702-7340

E.C. Hill "C" #4
Lea County, New Mexico

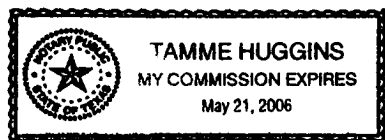
m-27-23s-37e
1260/s & 990/w
30-025-36240
CONFIDENTIAL

229	2.29	3/4	1.31	3.01	3.01
473	2.44	1	1.75	4.27	7.28
715	2.42	1	1.75	4.24	11.51
960	2.45	3/4	1.31	3.22	14.73
1086	1.26	1	1.75	2.21	16.93
1370	2.84	3/4	1.31	3.73	20.66
1652	2.82	1 1/2	2.63	7.40	28.06
1932	2.80	2 1/4	3.94	11.03	39.09
2025	0.93	3 1/4	5.69	5.29	44.38
2119	0.94	3 1/4	5.69	5.35	49.72
2213	0.94	2 1/2	4.38	4.11	53.83
2334	1.21	2 1/4	3.94	4.76	58.60
2458	1.24	2 1/4	3.94	4.88	63.48
2646	1.88	1 1/4	2.19	4.11	67.59
2926	2.80	3/4	1.31	3.68	71.27
3206	2.80	1	1.75	4.90	76.17
3486	2.80	1 1/4	2.19	6.13	82.29
3767	2.81	1 1/4	2.19	6.15	88.44
4048	2.81	1	1.75	4.92	93.36
4329	2.81	1	1.75	4.92	98.28
4609	2.80	2	3.50	9.80	108.08
4888	2.79	1	1.75	4.88	112.96
5168	2.80	1	2	4.90	117.86
5500	3.32	3/4	1	4.36	122.22



Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 23rd day of April, 2003 by Michael Roghair - General Manager, CapStar Drilling, L.P.



Tamme Huggins
Notary Public

K