

WELL NAME AND NUMBER PENNZO | FEDERAL # 1
LOCATION 660' FEL and 2180' FSL, SECTION 1, T-19S, R-33E, Lea County, N.M.
(Give Unit, Section, Township and Range)
OPERATOR CHAMA PETROLEUM COMPANY
DRILLING CONTRACTOR KENAI DRILLING OF NEW MEXICO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>			<u>Degrees @ Depth</u>			<u>Degrees @ Depth</u>
.50	364	3.05	1.25	8500	185.47	
.50	850	7.42	1.25	9080	198.46	
.50	1500	13.09	1.50	9580	250.02	
.75	2140	28.14	1.50	10100	264.42	
1.0	2650	46.24	1.50	10590	277.51	
1.0	3150	54.97	1.50	11040	289.29	
1.0	3550	61.95	1.0	11328	198.06	
1.0	4050	70.67	1.25	11900	259.65	
1.25	4500	98.19	1.50	12100	324.94	
.50	5200	45.38	1.0	12667	220.74	
.50	5800	50.61	.75	13150	172.13	
.75	6400	83.78	.50	13415	116.98	
1.0	6900	122.18				
1.0	7500	130.88				
1.0	8000	139.60				

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Drilling Contractor KENAI DRILLING OF NEW MEXICO

By: Earl Ellison
EARL ELLISON, DRLG. SUPT.

Subscribed and sworn to before me this 3rd day of November, 1980

Glen D. Brown
Notary Public

My Commission Expires: 6-26-84

Midland County, Texas