17-16-12W

OPERATOR:	Keener Oil Company
CONTRACTOR:	Kaw Drilling Co., Inc.
WELL NAME:	#4A Kultgen
LOCATION:	SW SE NE Sec. 17-16S-12W
	Barton County, Kansas
SPUD DATE:	March 23, 1983
COMPLETION DATE:	March 29, 1983

0	423	Shale
974	1581	Shale
2075	2358	Shale and Shell
	3375	R.T.D.

Spud hole at 9:30 a.m. on March 23, 1983. Drilled 423 feet of 12¼ inch hole. Ran 10 joints of new 23 pound 8 5/8 inch surface casing. (Tallied at 408.70 feet.) Set at 420 feet with 200 sacks of 60/40 poz mix cement, 3% Calcium Chloride. Plug down at 5:00 p.m. on March 23, 1983.

Total depth 3375 feet. Ran 83 joints of new 4½ inch J55 10½ pound casing. (Tallied at 3380 feet.) Set at 3374 feet with 175 sacks of 50/50 poz mix, 15% Salt Flush and 3/4% CFR2. Job completed at 7?15 p.m. on March 29, 1983.

STATE OF KANSAS)
) ss
COUNTY OF SEDGWICK)

I, K. S. Martin, President of Kaw Drilling Co., Inc., being first duly sworn and upon my oath, state that: I have knowledge of the facts, statements and matters herein contained and the log of the above described well as filed and that the same are true and correct. So help me God.

K. S. Martin, President

SUBSCRIBED AND SWORN to before me on this 31st day of March, 1983.

Mary Susan Whaley, Notary Public

My Commission Expires:
December 10, 1983