

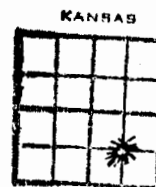
KANSAS GEOLOGICAL SOCIETY
503 East Murdock
Wichita, Kansas

MAY 25 1973

API #15-033-20,128

DRILLER'S LOG

21-31-17W
C SE/4



COMPANY: Sidwell Oil & Gas, Inc., P. O. Box 2475, Pampa, Texas 79065
CONTRACTOR: Hellar Drilling Company, Inc., Wichita, Kansas 67202
LEASE: #1 Pepperd
LOCATION: c SE/4 21-31S-17W Comanche County, Kansas
COMMENCED: January 2, 1973
COMPLETED: January 13, 1973
CASING: Set 8 5/8" Surface Casing @ 604' w/350 sacks cement
Set 4 1/2" Casing @ 5023' w/200 sacks cement

Elevation: 2057 G1

		Log Tops	Depth
0-164	Surface Soil-Shale & Sand	Sc	987
164-999	Red Bed & Shale	Heeb	4185
999-1010	Anhydrite	Lans	4372
1010-1684	Salt & Shale & Red Bed	Bkc	4739
1684-1970	Shale - Salt Section	Marm	4850
1970-2414	Salt Section	Cher	4938
2414-2585	Lime & Shale	Miss	4989
2585-2918	Lime & Shale (Ft. Riley)	Rtd	5024
2918-3535	Lime & Shale		
3535-3826	Shale w/Shale Streaks		
3826-4288	Lime & Shale		
4288-4430	Lime		
4430-4615	Lime (L.K.C.)		
4615-4993	Lime		
4993-5024	Miss.		
5024	Rotary Total Depth		



STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

I, D. L. Hellar, do hereby certify that the above and foregoing is a true and correct copy of the log of the #1 Pepperd, located in c SE/4 21-31S-17W, Comanche County, Kansas, as reflected by the files of the Hellar Drilling Company, Inc.

HELLAR DRILLING COMPANY, INC.

By D. L. Hellar
President - D. L. Hellar