

11-21-19W

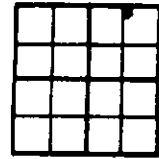
KANSAS GEOLOGICAL SOCIETY
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
KANSAS GEOLOGICAL SOCIETY BUILDING
508 EAST MURDOCK - WICHITA, KANSAS

COMPANY **KERN DRILLING**
 FARM **Mezger** NO. **1**

SEC. **11 T. 21 R. 19W**
 LOC. **NW NE NE**

TOTAL DEPTH **4288'**
 COMM. **12-11-67** COMP. **12-21-67**
 SHOT OR TREATED
 CONTRACTOR **Hellar Drilling**
 ISSUED **3-30-68**

COUNTY **Pawnee**
KANSAS



CASINO
 20 10
 15 8 5/8" 247' cem w/ 185 sx
 12 6
 13 5
 4 1/2" 4283' cem w/ 300 sx

ELEVATION **2127' KB**

PRODUCTION **50 BOPD, FW**
Gher 4198-4206 Grav 38

FIGURES INDICATE BOTTOM OF FORMATIONS

TO: LOG	0-248	Shale & Red Bed
Anhydrite (a)	1243 248-470	Shale
g - Anhydrite (s)	1273 470-1215	Shale, sand & Red Bed
Heebner	3656 1215-1655	Shale & Red Bed
Kansas City	3711 1655-2110	Salt Section
Marmaton	4132 2110-2519	Ft. Riley Chert & Lime
Cherokee shale	4178 2519-3783	Lime & Shale
Cherokee sand	4197 3783-3860	Lime (K.C.)
Mississippi	4263 3860-3970	K. C.
TD	4288 3970-4011	Lime
	4011-4204	Lime & Shale
	4204-4218	Cherokee Sand & Shale
	4218-4250	Sand & Shale
	4250-4263	Cong.
	4263-4288	Miss.
	4288	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 Mezger, located in NW NE NE 11-21S-19W, Pawnee 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

Subscribed and sworn to before me, a Notary Public, in and for Sedgwick County, Kansas, this 29th day of December, 1967.

Catherine Darcov
 Notary Public - Catherine Darcov