

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

30-31-10W

COMPANY **SIoux PETROLEUM CO.**

SEC. 30 T. 31 R. 10W

FARM **McReynolds** NO. 1

LOC. C NW NW

TOTAL DEPTH **4524'**
 COMM. **9-8-65** COMP. **9-19-65**
 SHOT OR TREATED
 CONTRACTOR **Hellar Drlg. Co., Inc.**
 ISSUED **7-2-66**

COUNTY **Barber**
 KANSAS

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CASING

20 10
 15 8 5/8 250' w/260' sx cem.
 12 6
 13 4 1/2 4523' w/150' sx cem.

ELEVATION **1727' RB**

PRODUCTION **Pmp. 5 BOPD
 & 15 BWPD**

FIGURES INDICATE BOTTOM OF FORMATIONS

| | | |
|-----------|---|------------------------|
| G-150 | Sand | |
| 150-250 | Shale | |
| 250-1325 | Shale & Red Bed & Shells & Salt Section | |
| 1325-1911 | Salt Section | |
| 1911-2109 | Lime & Shale | TOPS: SCOUT |
| 2109-2258 | Lime & chert | Elgin Zone 3533 |
| 2258-2852 | Lime & shale | Heebner 3710 |
| 2852-2907 | Shale & Lime | Douglas shale 3776 |
| 2907-3022 | Topeka Lime | L/Douglas sand 3850 |
| 3022-3366 | Lime & Shale | Lansing 3891 |
| 3366-3509 | Shale & lime | B/Kansas City 4374 |
| 3509-3588 | Lime & Shale | Mississippi chert 4505 |
| 3588-3753 | Shale & Lime | |
| 3753-3847 | Lime & Shale | |
| 3847-3878 | Sand & Shale | |
| 3878-4020 | Lime (L.K.C.) | |
| 4020-4078 | K. C. Lime | |
| 4078-4158 | L. K. C. | |
| 4158-4208 | Lime | |
| 4208-4308 | K. C. Lime | |
| 4308-4397 | Lime | |
| 4397-4461 | Marmaton Section (Shale & chalky lime) | |
| 4461-4502 | Lime (Cherty) | |
| 4502-4520 | Mississippian chert | |
| 4520 | Rotary Total Depth | |
| 4524 | No log | |
| 4524 | 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 McReynolds, located in c NW NW 30-31S-10W, Barber County, Kansas, as reflected by the files of the Hellar Drilling Company, Inc.

HELLAR DRILLING COMPANY, INC.

By _____
 President - D. L. Hellar