

8-32-10W

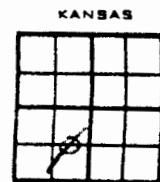
KANSAS GEOLOGICAL SOCIETY
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
KANSAS GEOLOGICAL SOCIETY BUILDING
508 EAST MURDOCK - WICHITA, KANSAS

COMPANY **GRAYBOL OIL CORPORATION**
ASPEN DRILLING CO.
 FARM **Newton** NO. **1**

SEC. **8** T. **33** R. **10W**
 LOC. **C E½ SW**

TOTAL DEPTH **4615'**
 COMM. **2-2-68** COMP. **2-20-68**
 SHOT OR TREATED
 CONTRACTOR **Graybol Oil**
 ISSUED **9-7-68**

COUNTY **Barber**



CASINO

20 10
 15 8 5/8" 242' cem w/ 155 sx
 12 6
 13 5
 4½" 4614' cem w/ 100 sx

ELEVATION **1540' KB**

PRODUCTION TEMP ABDN/ **MISS**

DEPTH	FORMATION
0-65	Clay
65-208	Red bed and shale
208-660	Red bed
660-1225	Shale and shells
1225-1450	Shale
1450-1610	Salt and shale
1610-1675	Shale and shells
1675-2435	Lime
2435-2670	Lime and shale
2670-2860	Shale and lime
2860-3165	Lime and shale
3165-3210	Lime
3210-3280	Lime and shale
3280-3290	Shale
3290-3505	Lime
3505-3699	Lime and shale
3699-3734	Shale and lime
3734-3848	Sand
3848-4060	Lime
4060-4125	Lime and shale
4125-4225	Lime
4225-4250	Lime and chert
4250-4303	Lime
4303-4455	Lime and shale
4455-4573	Lime
4573-4588	Chat
4588-4615	Lime
4615	Driller's Total Depth

SAMPLE TOPS	
Topoka limestone	3270 (-1730)
Heebner shale	3632 (-2092)
Douglas shale	3664 (-2124)
Douglas sand	3755 (-2215)
Lansing limestone	3846 (-2306)
Kansas City limestone	4123 (-2583)
Stark shale	4290 (-2750)
Base of Kansas City	4353 (-2813)
Mississippi chat	4543 (-3003)

Drill Stem Test No. 1: 3850-3887 (Lansing): Tool open 70 minutes. Recovered 300' salt water. No show. IBHP-1491#/30", FBHP-1395#/30", FP- 50-188#, BHT-107°F.

Drill Stem Test No. 2: 4544-4558 (Mississippian): Tool open 70 minutes. Strong blow, gas to surface in 13 minutes, too small to measure. Recovered 90' gas-cut mud. IBHP-1502#/30", FBHP-1367#/30", FP- 37-43#, BHT-100°F.

Drill Stem Test No. 3: 4558-4573 (Mississippian): Tool open 70 minutes. Strong blow, gas to surface in two minutes, gauged 734 MCFG/D in five minutes and stabilized. Recovered 150' gas-cut cily mud. IBHP-1765#/30", FBHP-1708#/30", FP- 189-127#, BHT-90°F.

Drill Stem Test No. 4: 4573-4588 (Mississippian): Open 70 minutes. Strong blow, gas to surface in 14 minutes, too small to measure. Recovered 100' slightly oil-cut, gassy mud with trace of water. IBHP-1682#/30", FBHP-1654#/30", FP- 40-59#, BHT-116°F.

I hereby certify that the above is a true and accurate log of the above-captioned test as taken directly from the daily drilling reports.