

15-185-22873

19-21s-11w
COPY

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September 24, 1992

Bergman Oil Co., L.C.
Cook #1 D
NE SW NW
Section 19-21S-11W
Stafford County, Kansas

Elevation: 1800' KB
1795' GL

8-5/8" surface casing set and cemented at 290' with 200 sacks cement.

| | | |
|---------------------|--------------------------------------------------------------------------------------------------------------|----------|
| Top Anhydrite | 560' | |
| Top Heebner | 3045' | (-1245') |
| Top Brown Lime | 3170' | (-1370') |
| Top Lansing | 3195' | (-1395') |
| 3242-3246 | Limestone cream, fine crystalline, poor porosity, no saturation, no odor. No Value. | |
| 3272-3284 | Limestone cream, oolitic and oolitic, good porosity, no saturation, no odor. No Value. | |
| 3328-3340 | Limestone cream, fossiliferous, oolitic and oolitic, spotted good porosity, no saturation, no Value. | |
| Base Kansas City | 3430' | (-1630') |
| Cherty Conglomerate | 3468' | (-1668') |
| Simpson Sand | 3504' | (-1704') |
| 3295-3298 | Sandstone, fine grained, silty and impure, poor porosity, light saturation, faint odor, small show free oil. | |

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DRILL STEM TEST #1

Packer set at 3489'. Total Depth 3520'. Tool open 30 minutes. Weak blow for 7 minutes. Recovered 190' mud, & oil speck mud. I.F. 127, I.S.I.P. 510, F.F. 131, F.S.I.P. 395.

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Top Arbuckle 3545' (-1745')

3545-3555 Dolomite buff, fine grain-shaley, slight show free
oil.

3555-3583 Dolomite buff, medium crystalline, show free oil.

DRILL STEM TEST #2

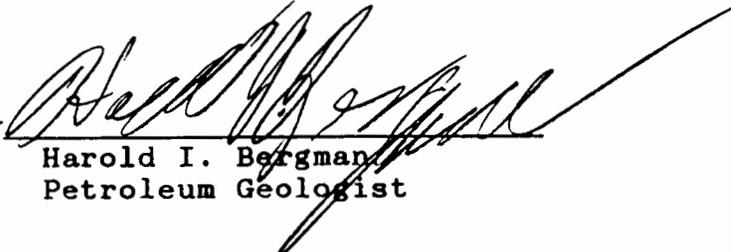
Packer set at 3555'. Total Depth 3583'.
Tool open 60 minutes I.F.P. 110
 45 minutes I.S.I.P. 608
 45 minutes F. Flow 142
 60 minutes F.S.I.P. 505

Recovered 100' oil,
 85' mud cut gassy oil
 100' slightly oil and gas cut watery mud.

Rotary Total Depth 3650'

5-1/2" O.D. Casing set and cemented at 3649' with 150 sacks.

By


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