

35-31-15W

WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

Company- NATIONAL COOPERATIVE REFINERY ASS'N.  
Farm- Skinner "D" No. 1

SEC. 35 T. 31 R. 15W  
SW SW NW

Total Depth. 4730'

Comm. 6-23-57

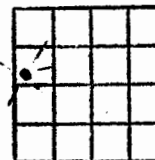
Comp. 7-12-57

Shot or Treated.

Contractor. Aylward Drilg. Co.

Issued. 9-21-57

County Barber  
KANSAS



Elevation. 1905' KB

CASING:

8 5/8" 211' cem w/150 sx.  
5 1/2" 4729'

Production. 23,000,000 CFG

Figures indicate Bottom of Formations.

|                      |      |                                                 |
|----------------------|------|-------------------------------------------------|
| red rock             | 30   | DST 4439-51, open 1 hr., strong blow thruout.   |
| sandy red rock       | 55   | Rec. 95' OCM, sl. gassy. IBHP mis-run.          |
| gyp red rock         | 70   | FBHP 740#/20 min. FP 0-0#.                      |
| gyp rock             | 85   |                                                 |
| red bed & shells     | 500  | DST 4650-75, open 1 hr., gas to surface in 2    |
| red rock & gyp rock  | 1022 | min. gauged after 5 min. 4,000 MCFG; 10 min.    |
| red rock & shale     | 1275 | 4,450 MCFG; 20' 5,020 MCFG; 30 min. 5,020 MCFG; |
| shale & shells       | 1775 | 45 min. 4,830 MCFG; 60 min. 4,725 MCFG.         |
| redbed & shale       | 1850 | IBHP 1650#, FBHP 1585#/20 min. FP 740-840#.     |
| lime & shale         | 2265 |                                                 |
| lime                 | 2637 | DST 4675-4700, open 1 hr. gas to surface in     |
| lime & shale         | 2930 | 3 min. gauged after 10 min. 2,190 MCFG; 20 min  |
| shale                | 3090 | 3,400 MCFG; 30 min. 3,500 MCFG; 45 min. 3,590   |
| shale & lime streaks | 3248 | MCFG; 60 min. 3,640 MCFG. Rec. 308 GCM.         |
| shale & lime         | 3665 | IBHP 1640#, FBHP 1590#/20 min. FP 475-610#.     |
| lime & shale         | 3960 |                                                 |
| shale & sandy lime   | 4012 |                                                 |
| sand                 | 4040 |                                                 |
| sandy shale          | 4080 |                                                 |
| lime & shale         | 4120 |                                                 |
| lime                 | 4546 |                                                 |
| lime & shale         | 4620 |                                                 |
| shale & lime         | 4642 |                                                 |
| lime                 | 4648 |                                                 |
| chert                | 4675 |                                                 |
| lime                 | 4700 |                                                 |
| lime & shale         | 4730 | RTD                                             |
| Total Depth          |      |                                                 |

TOPS:

|                    |      |
|--------------------|------|
| Heebner            | 3938 |
| Leavenworth        | 3958 |
| Snyderville        | 3961 |
| Toronto            | 3969 |
| Douglas            | 3985 |
| Upper Douglas Sand | 4005 |
| Second Sand        | 4014 |
| Third Sand         | 4039 |
| Lansing            | 4110 |
| Base Kansas City   | 4521 |
| Massey             | 4585 |
| Mississippian      | 4649 |
| Kinderhook         | 4697 |

DST 4000-12, open 1 hr., wk blow inc. to fair. Rec. 90' gas, 30' very sl. O & GC wty. mud & 65' Sl. GC wtry mud. IBHP 1450#, FBHP 1250#/20 min. FP 25-50#.

DST 4013-40, open 1 hr., Str. bl. thruout, Rec. 940' gas, 67' hvy. GC&O specked mud, 240' oil specked & GC wtry mud, 247' SW. IBHP 1480#, FBHP 1200#, FP 50-230#/20 mins.

DST 4184-4200, open 1 hr., weak blow. Rec. 12' very sl. oil specked & GCM. IBHP mis-run. FBHP 0#/20 min. FP 0-0#.