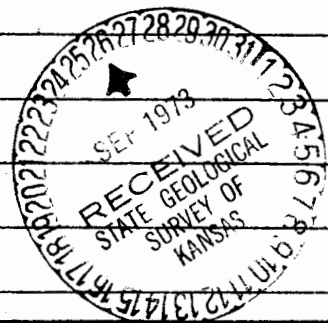


## WELL STATUS REPORT

State Geological Survey

WICHITA, BRANCH

Well Name: #1 DIXON Drill Site Location: C NE NE Sec. 4-22S-24W  
Hodgeman County, Kansas  
 Drilling Contractor: Gabbert-Jones, Inc. Footage Location: L-5 ± 150' NE of C NE NE  
 Operator: Oasis Petroleum, Inc. Temporary Productivity: \_\_\_\_\_  
 Elevation: 2464' KB 2461' DF Permanent Productivity: \_\_\_\_\_  
 Interest Holders: \_\_\_\_\_ Geological Society: \_\_\_\_\_  
 \_\_\_\_\_ Geological Report: \_\_\_\_\_  
 \_\_\_\_\_ Drilling Time: \_\_\_\_\_  
 \_\_\_\_\_ Well Log: \_\_\_\_\_  
 \_\_\_\_\_ Plugging Data: \_\_\_\_\_



1973

## DAILY PROGRESS

- 2-6 Spud 2-5-73. Drilled to 640', hole off 5½". Plugged hole with 200 sacks cement at 640', 40 sacks at 40'. Job complete at 7:30 a.m. 2-6-73. Job by Halliburton.
- 2-7 Skidded rig 40' southwest. Spud 2-7-73. Ran 15 joings 28# used 8-5/8" (627.87'), landed at 634' with 315 sacks common with 3% cc, 2% gel. Cement did not circulate, top at 10' below ~~cellar~~ cellar. Complete at 11:15 a.m. 2-7-73. Job by Howco
- 2-8 Drilling at 1435'.  
 2-9 Drilling at 2400'.  
 2-12 Drilling at 3585'.  
 2-13 Drilling at 4100'.  
 2-14 Drilling at 4400'.  
 2-15
- |                  |              |
|------------------|--------------|
| Heebner          | 3968 (-1504) |
| Lansing          | 4022 (-1558) |
| Stark shale      | 4296 (-1832) |
| Base Kansas City | 4408 (-1944) |
| Pawnee           | 4507 (-2043) |
| Ft. Scott        | 4542 (-2078) |
- (6' high to #4 Deutsch, 11' high to #1 Walter)
- Drilling at 4573'.  
 2-19 Core #1, 4642<sup>h</sup>-4672'.  
 4643-4650 - tan, porous dolomite, good uniform staining, good bleeding.  
 4650-4655½ - gray, dense dolomite (4651-4651½', 5 bands of vugular porosity with dark stain).  
 4655½-4657 - gray to mottled tan, porous dolomite with only slight bleeding and slight stain.  
 4657-4663 - gray, dense dolomite (4660-4661 has 1" band, vugular and cherty with heavy to light stain).

(over)

9  
(Cont'd)

- 4663-4669 - tan. porous dolomite, good uniform staining, good uniform bleeding (appears to be mottled and highly fossiliferous with a few fractures).
- 4669-4671 - gray, dense dolomite (4669-4670 has 2" band in center that is porous to vugular with stain and bleeding).
- 4671-4672 - 1' of core was lost and being ~~xxxx~~ attributed from 4671-4672'.

Core #2, 4672-4700' plus.

- 4672-4673 - tan, porous dolomite with even stain and fair bleeding (appears good permeability, having a clean appearance).
- 4673-4674 - top 3" as above, to gray, dense dolomite.
- 4674-4675 - gray, dense dolomite, with a few thin, scattered bands of porosity.
- 4675-4676 - tan, porous dolomite, even stain and fair bleeding - a few white splotches (appears good permeability).
- 4676-4678 $\frac{1}{2}$  - top 1" as above - gray, dense dolomite with few scattered horizontal fractures.
- 4678 $\frac{1}{2}$ -4681 - tan, porous dolomite with even stain (last foot with scattered splotchy stain), fair bleeding & top 1 $\frac{1}{2}$ ' appears good permeability).
- 4681-4682 - gray, dense dolomite, some scattered porosity, one strong horizontal fracture; last 1" as ~~as~~ below.
- 4682-4683 - tan, slightly porous dolomite with vugs and fractures, slight stain, slight bleeding.
- 4683-4684 $\frac{1}{2}$  - gray, slightly porous dolomite, stain and very slight bleeding.
- 4684 $\frac{1}{2}$ -4685 $\frac{1}{2}$  - gray, dense dolomite with some bands of slight porous and stained dolomite.
- 4685 $\frac{1}{2}$ -4693 - tan, porous dolomite, good porosity, even stain, fair bleeding (appears good permeability).  
Just 1/2' of above description in the last foot - with some scattered vugs and fossils.
- 4693-4693 $\frac{1}{2}$  - dense, gray dolomite with few vugs.
- 4693 $\frac{1}{2}$ -4694 $\frac{1}{2}$  - tan, gray, porous dolomite with slight stain and bleeding.

# WELL STATUS REPORT

State Geological Survey #2  
WICHITA, BRANCH

4-22-24w.

Well Name: #1 DIXON Drill Site Location: \_\_\_\_\_

Drilling Contractor: \_\_\_\_\_ Footage Location: \_\_\_\_\_

Operator: \_\_\_\_\_ Temporary Productivity: \_\_\_\_\_

Elevation: \_\_\_\_\_ Permanent Productivity: \_\_\_\_\_

Interest Holders: \_\_\_\_\_ Geological Society: \_\_\_\_\_

\_\_\_\_\_ Geological Report: \_\_\_\_\_

\_\_\_\_\_ Drilling Time: \_\_\_\_\_

\_\_\_\_\_ Well Log: \_\_\_\_\_

\_\_\_\_\_ Plugging Data: \_\_\_\_\_



1973

## DAILY PROGRESS

2-19 4694½-4700 plus (about 1/2' more than 4700', which may be due to improper core lag); gray, slightly dense dolomite, appears to have shale laminations and some scattered bands of fine porosity with staining (but no apparent bleeding). (Last 1/2' appears to have a little more staining or tan color).

### Core Summary:

Pay from -2174 to -2178 (per samples)  
10' of pay from -2178 to -2188 (per core)  
10' of pay from -2199 to -2209 (per core)  
9' of pay from -2221 to -2230 (per core)

RTD 4701', ran log.

Log tops:

|             |                 |
|-------------|-----------------|
| Anhydrite   | 1706 (plus 758) |
| Heebner     | 3964 (-1500)    |
| Lansing     | 4017 (-1553)    |
| Ft. Scott   | 4541 (-2077)    |
| Mississippi | 4633 (-2169)    |
| Porosity    | 4638 (-2174)    |

Ran 120 joints 15# pipe (4708.84'), pipe set at 4700'; float at 4665'; centralizers at 4680', 4547', 4427'; 20 bbls salt water ahead of 175 sacks Howcolite plus 100 sacks salt saturated Pozmix. DV tool at 1732'; centralizers at 1774', 1603', 1478'; cemented with 300 sacks Howcolite. Cement circulated. Plug down at 7:00 a.m. 2-19-73. WOC.

3-1 MICT. Perf 4 shots per foot 4638-4646', 4 shots per foot 4663-4667', had SO on both guns. Let set overnight.

3-2 FU 130' FH (30' clean oil, 100' oil-cut mud, mud and filtrate water). Dumped in 250 gal of mud acid and loaded hole with lease crude. Let set overnight.

(over)