

33-13-15W

September 21, 1964

Mr. Icer Addis  
Box 510  
Great Bend, Kansas

Re: Addis #8 Mills "BW"  
SE-NW-SE of Sec. 33-13-15w  
Russell County, Kansas

GENERAL DATA:

OPERATOR: Icer Addis      CONTRACTOR: Duke Eart Drlg.  
COMMENCED: September 2, 1964      COMPLETED: Sept. 17, 1964  
SURFACE PIPE: 8 5/8" @ 950' W/450 ax.      TOTAL DEPTH: 3325'  
ELEVATION: 1901' KB

Sample cuttings were saved and have been examined microscopically from 2700 feet to total depth. A one (1) foot drilling time log was kept over the same interval and has been included with this report.

Listed below are the sample tops and other information of interest. Depths below the surface and minus data are based on the Kelly Bushing elevation of 1866'.

| Formation           | Depth | Sub-sea |
|---------------------|-------|---------|
| Howard              | 2727  | -826    |
| Topeka              | 2786  | -885    |
| Reebner             | 3010  | -1109   |
| Toronto             | 3030  | -1129   |
| Lansing-Kansas City | 3061  | -1160   |
| Reagan Sandstone    | 3318  | -1417   |
| Total depth         | 3325  | -1424   |

Topeka Section:

2789-2792 Limestone, white to gray fine crystalline, saccharic, fossiliferous with a slight show of free oil in poor to fair vugular porosity.

Drill Stem Test #1 2768 to 2795

Tool open for 60 minutes, weak blow for 30 minutes, recovered 20 feet of slightly oil cut mud. IHP-77#/30 min. FBHP-34#/30 min. FP-10/19#.

2970-2980 Limestone, cream, tan to gray, fossiliferous, with spotted residual stain in fair to good vugular porosity.

Lansing-Kansas City Section:

3064-3067 Limestone, white to gray, fine crystalline, fossiliferous with a very weak spotted stain in very poor pin point porosity.

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH  
SEP 22 1964

3086-3090 Limestone, white to gray, fossiliferous, partly oocastic with a fair show of free oil in fair vugular porosity.

Drill Stem Test #2 3063 to 3095

Tool open for 60 minutes, good blow throughout test, recovered 330 feet of very slightly oil cut salt water. IBHP-1114#/30 min. FBHP-949#/30 min. FP-10/19#.

3110-3118 Limestone, white to gray, fine crystalline, partly fossiliferous with trace of black residual stain in poor vugular porosity.

3140-3148 Limestone, white to gray, fine crystalline, fossiliferous, oocastic with a slight show of free oil in fair vugular porosity.

Drill Stem Test #3 3135 to 3145

Tool open for 60 minutes, good blow throughout test, recovered 330 feet of muddy salt water. IBHP-1114#/30 min. FBHP-1045#/30 min. FP-43/172#.

3221-3226 Limestone, white to gray, fossiliferous, chalky, slightly cherty with a trace of free oil in poor pin point porosity.

Drill Stem Test #4 3215 to 3230

Tool open for 60 minutes, very weak blow, recovered 20 feet of mud. IBHP-911#/30 min. FBHP-561#/30 min. FP-7/25#.

Reagan Sandstone:

3318-3325 Sandstone, clear, medium grain, sub-rounded, indurated, partly fused with a good show of free oil in fair inter-granular porosity.

Drill Stem Test #5 3300 to 3320

Tool open for 30 minutes, very weak blow for 1/2 minute, flushed tool, recovered 5 feet of mud. IBHP-587/20 min. FBHP-224/20 min. FP-0/5#.

Drill Stem Test #6 3302-3325

Tool open for 60 minutes, strong blow throughout test, recovered 2135 feet of salt water. IBHP-975#/30 min. FBHP-975#/30 min. FP-6474/975#.

STRUCTURAL POSITION

| Lansing  | Sandstone                        | Comparison Well    |
|----------|----------------------------------|--------------------|
| 6' lower | 8' lower                         | Addis #4 Mills "B" |
| 9' lower | 12' lower<br>(than Granite Wash) | Addis #7 Mills "B" |

RECOMMENDATION

In view of the relative low structural position of both the Lansing-Kansas City and the Reagan Sandstone and as the result of the negative drill stem tests taken in all potential pay zones carrying free oil in sample cuttings, it was recommended by the undersigned that the subject well be plugged and abandoned as a dry hole.

KANSAS GEOLOGICAL SURVEY WICHITA BRANCH

Respect fully submitted,

SEP 22 1986

*[Handwritten signature]*

UNITED STATES GEOLOGICAL SURVEY  
 WICHITA BRANCH

DRILLING TIME LOG

| Depth     | Time/feet   |
|-----------|---|
| 2700-2750 | 1-3-2-1-2-2-1-2-1-1 2-1-2-1-2-1-1-2-1-2 1-1-2-1-1<br>2-2-9-8-2 3-3-3-3-3-4-7-5-6-2 2-3-3-3-4-5-3-2-3-5                            |
| 2750-2800 | 5-7-6-7-8-7-6-6-3-5 6-7-7-7-7-8-5-7-7-9 Trip-3-2-2-2-1<br>2-1-2-1-2- 1-2-2-1-2-3-4-6-6-5 2-5-8-6-5-6-4-2-5-6                      |
| 2800-2850 | 6-7-4-2-5-2-3-3-5-4 3-6-7-6-7-7-7-5-5-5 4-5-5-5-5<br>6-7-9-8-10 6-4-6-3-8-8-6-6-7-6 8-6-8-7-7-8-9-7-7-9                           |
| 2850-2900 | 7-7-7-9-7-8-7-8-11-9 10-9-10-9-9-6-8-7-2-3 5-9-9-4-4<br>3-2-3-2-2 2-3-3-4-6-10-10-10-4-3 7-9-9-9-8-9-7-7-9-7                      |
| 2900-2950 | 8-8-9-9-8-12-8-6-11-9 10-10-12-14-3-2-3-4-5-12 11-7-7-8-10<br>12-5-3-2-5 9-11-6-7-9-9-12-11-9-8 9-9-9-9-10-11-10-12-12-7          |
| 2950-3000 | 8-7-7-7-9-10-8-4-3-5 3-5-6-3-4-2-2-3-3-3 1½-1-1½-2-1½<br>½-1½-1½-2-2 3-4-2-3-2-3½-3½-4-2-3 4-4-4-4-5-7-5-5-5-4                    |
| 3000-3050 | 5-5-5-5-5-6-5-6-8-6 2-2-2-3-12-15-12-3-3-3 3-2-3-2-3<br>3-2-3-2-3 10-9-9-10-8-10-12-12-11-7 12-11-13-6-3-3-6-4-2-2                |
| 3050-3100 | 2-2-1-2-2-2-2-1-2-2 1-6-8-8-7-6-7-8-7-8 7-7-8-8-8<br>5-7-8-11-8 4-4-2-3-3-6-5-3-3-6 8-9-9-8-11-8-4-7-2-6                          |
| 3100-3150 | 5-7-6-7-7-7-7-8-7-7 6-6-6-6-5-5-6-5-6-7 8-8-6-3½-2½<br>7-4-7-3-2 3-4-9-11-13-11-6-4-4-12 5-3-6-2½-2-1-1-2-4-8                     |
| 3150-3200 | 11-5-4-2-1-1-5-7-4-4 7-8-8-10-14-13-13-12-12-12 13-11-11-9-7<br>7-8-6-9-12 10-10-10-10-11-12-15-13-15-14 9-9-6-12-17<br>8-3-3-6-5 |
| 3200-3250 | 5-6-13-10-10-9-15-17-12-14 11-11-11-8-14-12-8-5-9-10<br>9-8-6-6-4-6-8-9-11-12 5-7-4-2-3-2-3-2-5-6 7-7-4-3-6<br>7-8-7-5-4          |
| 3250-3300 | 6-5-7-6-6-7-7-7-7-5 4-2-2-2-2-2-1-2-1-3 2-3-2-4-7<br>8-6-6-6-4 5-4-5-4-7-8-7-7-5-2 2-3-2-4-3-4-8-7-6-7                            |
| 3300-3325 | 6-7-6-3-3-2½-2½-2-3-6 4-6-7-6-5-4-3-2-9-3 3-16-7-5-5  |

KANSAS GEOLOGICAL SURVEY  
 WICHITA BRANCH

SEP 22 1986