

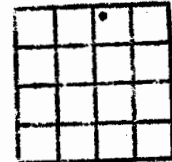
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock,  
Wichita, Kansas

21-11-15W

Company- AYIWARD DRILLING CO.  
Farm- Reich "A" No. 1

SEC. 21 T. 11 R. 15W  
NW NW NE

County Russell  
KANSAS



Total Depth. 3411'

Comm. 1-23-55

Comp. 2-4-55

Shot or Treated.

Contractor. Aylward Drlg. Co.

Issued. 6-11-55

CASING:

8 5/8" 100' cem w/72 sx  
5 1/2" 3401'

Elevation. 1920' KB

Production. 55 BO

Figures indicate Bottom of Formations

post rock & shale	100
shale, sand & shells	515
shale shell & red bed	978
anhydrite	995
shale & shells	1660
shale & lime	1900
lime	2010
lime & shale	3401 RTD
lime & shale	3411
Total Depth	

Tops:	
Topeka	2729
Heebner	2988
Toronto	3006
Lansing	3037
Arbuckle Chert	3372
Arbuckle Dolomite	3374

3380-3385. Test 1400' of water, 300' of oil overnight. Drove plug to bottom. Recemented Perforated 30 holes 3373 to 3383; 1,000 Gals. acid; recemented with 3 sacks from Dump Bailer; Test 5 bbl. water per hr; Lane Wells Plug at 3365. Perforate 20 holes 3036-3043. Tested 80% water drove plug to bottom; Sandfrac; Squeeze; Drilled out cement; 10 holes 3055 to 3058. No show. 15 holes 3037 to 3042; 1 bailer of oil, no water; overnight; Acidize with 500 Gals. Test 25 bbl. of water per hr. with show of oil. Test 8 bbl. of oil, 192 bbls. water - 8 hrs. Water decreasing; Test 100' of oil 700' of water overnight. P.O.P.

DRILL STEM TESTS:

#1 2761-2800, Rec. 144' gas, 3' oil and oil cut mud & 33' muddy water. 30 min. bottom hole pressure 205#.

#2 3036-61, open 1 hr. Rec. 90' gas, 660' very heavy oil & gas cut muddy water & 60' water. 20 min. BHP 545#, IF 35#, FF 350#.

Diamond Core #1 3032-61' Recovered 100%  
Diamond Core #2 3376-90' Cored 14', Rec. 13'  
Core barrel jammed at 3388'.  
Diamond Core #3 3390-3401' Cored 11' 100% Recovery.

Remarks:

Drilled plug and drilled deeper to 3408; light show of oil. Drilled deeper to 3411; test 42 Gal. oil overnight. Acidize with 250 gal. test 1/2 barrel of oil per hr; Acidize with 1,000 Gal. Test 2 bbl. oil, 5 bbl. water. Lane Wells plug at 3390. Perforate 15 holes