

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

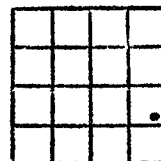
Company- KIM OIL COMPANY
Farm- Atherton No. 4

Atherton East

SEC. 30 T. 13 R. 14W
SE NE SE

County Russell
KANSAS

Total Depth. 3335'
Comm. 2-4-53 Comp. 2-25-53
Shot or Treated.
Contractor.
Issued. 9-13-58



CASING:
8" 205'
5" 3321'

Elevation. 1881' DF

Production. 35 BO & 2% Wtr.

Figures Indicate Bottom of Formations.

DRILLERS LOG NOT AVAILABLE

2800-03, gray mealy slightly impure to medium crystalline lime w/a trace of light spotted staining.
2833-35 gray impure fossiliferous slightly mealy lime w/dead oil staining.
2941-44 gray white slightly impure lime w/a trace of light spotted live oil stain.
2947-51 circulated 1 hr at 2951. 1/2 hr sample gray white mealy lime w/a trace of chert but no oil stain. 1 hr sample same w/a few pieces carrying a light spotted stain of live oil w/poor inter-grained porosity.
2954-61 circulated 1 hr at 2961. 1/2 hr sample fine crystalline slightly impure lime w/a trace of free oil & a slight odor in sample. Dry sample the same w/a few pieces carrying a light stain of live & dead oil w/pinpoint porosity. 1 hr sample same material.
2963-71 circulated 1 hr 2973, gray finely crystalline to medular lime. no odor or staining in the wet sample & no odor or staining in the dry sample.
3022-24 gray white finely crystalline to chalky lime w/a light spotted oil stain. Oil stained material was found around the pinpoint porosity and the zone in general appeared to have very poor staining. This zone should be tested at a later date unless commercial production is found in an offset well w/a comparable minus.
3052-54 finely crystalline to medium crystalline gray white lime w/alight spotted stain.
3077-80 circulated 1 hr 3081, gray white slight oolitic lime w/no odor or trace of staining (this was the 1/2 hr sample). 1 hr sample gray white oolitic lime poor porosity with a spotted to light saturated stain w/afew pieces carrying an off colored stain that indicates water.
3091-98 circulated 1 hr at 3095, 1/2 hr sample wet, carried a good odor and a trace of free oil. The material was oolitic lime w/poor porosity and staining around oolities only. 1 hr sample wet, good odor and some free oil. Material oolitic to oolitic lime w/light spotted to light saturated staining.
3317-31 circulated 1 hr at 3315, 44 mins drilling time plus 1 hr circulating time giving the total of 1 hr & 44 mins, and no dolomite found in the sample indicates that the Arbuckle Dolomite had not been found even though there was a change in drilling time.
the 90 feet break found at 3149-62 was white oolitic to oolitic lime carrying a water stain and no live oil stains. All other zones in the lower part of the Kansas City Section were too poor in porosity and staining to merit further testing.
Total Depth 3335
Rotary Total Depth 3321

TOPS:	
Topeka Limestone	2711
Heebner Shale	2999
Leavenworth Limestone	3002
Toronto Limestone	3017
Lansing-Kansas City	3051
Arbuckle	3317