

WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
508 EAST MURDOCK Wichita, Kansas

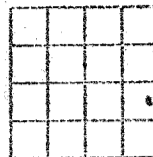
10-17-14W

Company - DEEP ROCK
Farm - Mary Riedl No. 1

SEC. 10 T. 17 R. 11W
CE 1/2 NE SE
660' S of NL, 330' W of EL,
SE 1/4
County. Barton

Total Depth. 3469 PB 3409
Comm. 4-24-51 Comp. 5-14-51
Shot or Treated.
Contractor. Gabbert & Jones Drlg Co.; Shamrock Drlg Co.
Issued. 7-14-51

KANSAS



Elevation. 1980 D.F.

Production. Pump 39 bbls
State Potential

Figures Indicate Bottom of Formations.

Record of Completion:

surface clay, sand rock	60	5-8-51	Rigged up drilling in unit; Drilled out D.V. tool and cleaned out hole to top of cement at 3409.
sand	148		perforated 3280-3284 - 12 holes. Ran bailer. No fluid.
red bed shale	730		Perforated 3284-3288 - 11 holes. Rec. 1 gal. water.
shale, shells	940		Perforated with double shot 3280-3288. Rec. 3 gal free oil and 12 gal. salt water. Swabbed hole and bailed.
anhydrite	985		Rec. 12 gal. oil and 1 gal. water.
shale, shells	1300		Acidized through perforations 3280-3288 w/500 gal. Dowell acid. Max. pressure 675#, dropping to 325# in 5 min.
shale, salt	1655		Swab test 11 hours. Rec. 4 bbls oil and 0 water per hr.
shale, shells	1730		Acidized w/2000 gal. Dowell acid. Top treating pressure 550#, dropped to 350# in one minute: 12 hour swab test.
lime, shale	2080		Rec. 5 bbls oil per hr.
shale, shells	2130		Bailed water off below perforations.
lime, shale	2220		Set Lane Wells pluw with top at 3274'. Double gun perforated 3270-3274 w/22 holes (15/32) Well set 2 hrs.
lime	2285		Ran bailer and rec. 5 gal. water & show of oil. Acidized w/500 gal. acid. 800# maximum pressure, dropped to vacuum. 8 hr swab test. Rec. 5 bbls oil per hr.
shale	2320		Drove Lane Wells plug from 3274-3409. Swabbed and tested Well completed for 5 bbls oil per hr.
shale, shells	2650		Ran rods and tubing on May 29, 1951 and put on pump.
shale	2815		
lime, shale	2980		
lime	3140		
shale	3200		
lime	3405		
lime, shale	3444		
conglomerate	3466		
lime	3469		
Total Depth			
Plugged back to 3409			

Gamma Ray & Neutron Survey to 3407
Schlumberger & Microlog to 3470

		Date	From-To	Shell	Prod. After	Amt	Shot or
Tops: Schlumberger							
Topeka	2904						
Heebner	3134	5-9-51	3280-3288	15/32	14 GO 1 GW	46	Acid holes.
Toronto	3149	5-10-51	3280-3288		51 BO 11hrs		500 gal.
Lansing	3204	5-11-51	3280-3288		5 BO hr.		2000 gal.
Conglomerate	3425	5-12-51	3270-3274	15/32	show		22 holes
Arbuckle	3469	5-12-51	3270-3274		5 BO hr.		500 gal.

Record of Drill Stem Tests:

#1 - 3260-3285 Tool open 40 minutes. Good blow throughout test, increasing to strong blow toward end of test. Rec. 120' oil and gas cut mud; 180' mud and gas cut oil, with last 3' free oil S.I.B.H.P. 853#.

#2 - 3284-3295 Tool open one hour. Rec. 30' drilling mud. Slight blow quit in 12 minutes. 15 min. S.I.B.H.P. 450#.

#3 - 3334-3364 Tool open one hour. Good blow at start, then dropped to weak. Rec. 60' slightly oil cut mud. 15 min. B.P.H. 0#.

Drillers T. D. 3469
Schlumberger T, D. 3470