

WELL LOG BUREAU KANSAS GEOLOGICAL SOCIETY
412 Union National Bk. Bldg. Wichita, Kansas

15-163-03781

Company ATLANTIC REFINING COMPANY
Farm Holmes No. 1

SEC. 5 T. 9 R. 18W
SW SW NW

DEEPENING RECORD

Total Depth. 3508 DF.
Comm. 2-19-48 Comp. 3-29-48
Shot or Treated. Acidized w/1000 gals.
Contractor. Goodpaster Drilling Company
issued. 9-16-50

County. Rocks
KANSAS



CASING:
10-3/4" 197'6" Cem. w/125 sx
5-1/2" 3498' Cem. w/160 sx

Elevation. 2077 2/4

Production. Temporary Allowable:
25 BOPD

Figures Indicate Bottom of Formations.

surface	0-40
shale & shells	207
shale	1230
sand	1245
shale, lime shells	1285
red bed & shells	1450
anhydrite	1495
shale	1559
lime & shale	1695
shale & shells	1805
shale	1937
lime	2005
lime & shale	2461
shale	2469
sand	2488
shale	2502
shale & lime	2996
lime	3144
shale & lime	3202
lime	3411
lime & shale	3445
lime	3461
lime & shale	3495
lime	3505 DF
Total Depth	
Tops:	
Lansing	3246
Arbuckle	3495

DEEPENING RECORD:

Company: Atlantic Refg. Co.
Comm: 6-1-48
Comp: 6-21-48
Contractor: Shira Drlg. Co.
Prod: 6 bbls oil pr hr.
1000 gals acid.
Producing area: 3498-3505 DF
6-9-48, tested for leak at 1500', no leak at 1000#.
Set bridge plug at 3200', pumped in 11 gal pr hr at 1000# pressure. Ran 2 sc calseal, got 3' fillup 3200-3197', put 1000 psi on pipe, would not take fluid, bit pressure bled off at rate of 100 psi in 5 mins, ran 2 more sc calseal got 8' fillup. After running calseal pressured up to 1200# with no leak.
6-10-48, swbd hole dry, drilled calseal, fluid pushed plug up hole. Puled plugs to 3370. Drilled Halliburton plug to bottom. LW checked bottom as 3505 1/2, Rotary DF Set LW plug top 3486'.
6-11-48, ran 4 sc calseal 35' fillup, top calseal 3451'. Swbd hole dry, left set 4 hrs, got 2 l wtr, cuttings ran swab, ran bailer, got 1/2 gal wtr, cuttings, etc.
6-12-48, & 6-13-48, tested & swbd, getting 5 to 20% wtr while swabbing.
6-14-48, ran 1 sc calseal plug back 3504 to 3499' test fluid input 3BPI at 6000# pressure. 6-15-48, perf 10 holes 3497-98. Ran Hal. cement retribable tool and got 35 sc sulfate res. cement into formation. Max pressure 2500#.
6-15-48 & 6-17-48, bailed hole dry, drilled out cement.
6-18-48 6-19-48, cleaned out well still making 5 to 6 % water. Drilled to 3508 DF.
6-20-48, an tubing, treated w/1000 gals acid, max pressure 1800# on casing 1300# on tubing.
6-21-48, returned to pumping. Tested 6 bbls oil pr hr.
Total depth 3508 D. F.

Let 5 1/2" casing set six hours.
Ran 500 sax cement on Halliburton
D-V tool set at 1500'.

Moved out rotary

Acidized w/1000 gallons.
Swabbed 21 BOPH.

Producing Area: 3498-2505 DF
To install pumping equipment.