

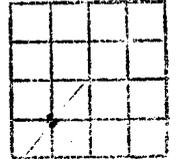
WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- THE ATLANTIC REFINING COMPANY
Farm-Theis Gas Unit No.3 No. 1

SEC. 22 T. 34 R. 25W
C SW/4

Total Depth. 5860'
Comm. 9-6-57 Comp. 10-2-57
Shot or Treated.
Contractor. Corbett Drilling Company
Issued. 2-8-58

County CLARK
KANSAS



Elevation. 2045' DF

Production. 3,000,000 CFG

CASING:

8 5/8" 1214' cem w/270 sx
4 1/2" 5860' cem w/200 sx

Figures Indicate Bottom of Formations.

surface clay & sand	285
shale & red bed	857
shale & lime	1028
lime	1210
shale	1216
lime & shale	1842
shale	2000
Anhydrite & shale	2220
lime	2300
shale & lime	2387
shale & shells	2487
lime & shale	2744
lime	2787
lime & shale	2944
lime	3040
chalk & lime	3337
lime & shale	3818
shale	3840
lime & shale	4402
shale	4469
lime	4508
lime & shale	4608
lime	4629
lime & shale	4672
lime	4713
lime & shale	4751
lime	4784
lime & shale	4813
lime	4857
lime & shale	4928
lime	4998
lime & shale	5090
lime & chert	5134
lime	5146
lime & shale	5198
lime	5340
lime & shale	5540
lime	5600
lime & shale	5623
chalk lime	5637
lime & shale	5789
lime	5815
lime & shale	5860
Total Depth	

DST #2 5678-5704(Miss.): Tool open 1 hr. immediate strong blow, gas to surface in 3½ min., gauged on 5/8" choke: 20 min., 30# surface pressure, 400 MCF/D; after 40 min. & 60 min., 27# surface pressure, 382 MCF/D. REC. 245' gas cut drilling mud (Bottom 90' very heavily gas cut, greenish tinge.) IFP 110#, FFP 170#, IBHSIP 2080#, FBHSIP 1820#/30 min.

DST #3 5738-5800 (Miss.): Tool open 1 hr., very weak blow, died in 40 min. Rec. 20' rotary mud. I&FFP 55#, IBHSIP 115#/30 min. FBHSIP 225#/30 min.

DST #4 5799-5860(Miss.): Tool open 1 hr., rec. 10' drlg. mud. I&FFP 35#, I&FBHSIP 65#/30 min.

Perforation 5696-5712 (Miss.): (EL Measurements) Acidfrac #1: Loaded hole with 80 bbls. 7½% gelled acid. Broke formation down with 30 bbls. gelled acid at 15 BPM, MP 3450-2800# minimum. Mixed & pumped 10,000 gals. gelled acid with 10,000# sand at 23 BPM, MP 2800-2700# minimum. Flushed with 30 bbls. gelled acid & 80 bbls. kerosene at 21 BPM, MP 3750-2850# minimum. FP 3750#.

Representative test, 10-16-57, 20/64" choke, 2" x 3/4" critical flow prover, gas rate 1501 MCF/D, TP & CP 750#. Rec. 11 bbls. distillate & 18 bbls. acid water.

TOPS: SCOUT
Lansing 4493
Morrison 5620
Mississippi 5658

DST #1 5618-80 (Morrow): Tool open 1 hour., fair blow thruout. Rec. 10' rotary mud. I&FFP 35#, IBHSIP 110#, FBHSIP 335#/30 min.