28 - 31 - 5W

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

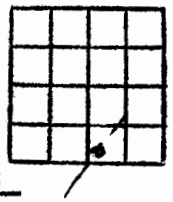
508 East Murdock, Wichita, Kansas

Company. NATURAL GAS & OIL CO.
Farm. Heibert No. 1

SEC. 28 T. 31 R. 5W
SW SW SE

Total Depth. 4763'
Comm. 8-14-58 Comp. 9-3-58
Shot or Treated.
Contractor. Strata Drlg., Inc.
Issued. 10-18-58

County Harper
KANSAS



CASING:
8 5/8" 351' w/250 sx cem.

Elevation. 1335' RB

Production. DRY

Figures Indicate Bottom of Formations.

clay	15
sand	25
shale, red	280
shale	440
shale, shells	870
Anhydrite	890
shale, shells	1100
lime, shale	2280
shale	2420
lime, shale	3630
lime	3995
lime, shale	4234
chert, lime	4462
Mississippi	4500
Mississippi lime	4529
shale	4547
lime	4559
shale, lime	4644
shale	4649
sand	4673
Rotary Total Depth	

rec. 505' muddy wtr., SI 20 min., IFP 130#, FFP 270#, BHP 1790#.

TOPS:	Schl
Kansas City	3574
B/Kansas City	3799
Marmaton	3873
Mississippi	4188
Kinderhook shale	4549
Chattanooga shale	4633
Simpson Sand	4651

DST #1 3709-18, open 1 hr., good blow, rec. 600' gas in drill pipe, 60' O&GCM, 60' VSI O&GCW, SI 20 min., IFP 32#, FFP 60#, BHP 1210#.

DST #2 3740-55, open 1 hr., strong blow, rec. 2500' gas in drill pipe, 115' GCSLOC watery mud, 180' GC mdy wtr., SI 20 min., IFP 53#, FFP 145#, BHP 1475#.

DST #3 4649-53, open 1 hr., wk blow, rec. 5' mud, SI 20 min., IFP 18#, FFP 65#, BHP 1410#.

DST #4 4653-63, open 1 hr., wk blow 22 min., rec. 10' mud, SI 20 min., IFP 25#, FFP 35#, BHP 1280#.

DST #5 4663-73, open 1 hr., good blow, diminished to fair