

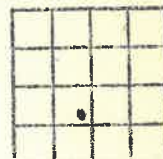
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- SHELLEY-MILLER DRILLING, INC.
Farm- Spangenberg No. 1

SEC. 26 T. 22 R. 12W
SE NE SW

Total Depth. 3644 RB
Comm. 7-7-52 Comp. 7-20-52
Shot or Treated.
Contractor. Shelly-Miller Drlg, Inc.
Issued. 11-15-52

County Stafford
KANSAS



Elevation. 1839

Production. Flow Pot. 253 BOPD

CASING:

8 5/8" 234' cem w/200 sx
5 1/2" 3642' cem w/ 90 sx

Meas. from Top Rotary Bushing Figures indicate Bottom of Formations.

sand, shale	140	Perf. 3460-68. Filled up 60' oil, 1000 Acid., Swabbed
shale	165	load, well flowing 110 BO in 2 hrs., 20 mins.
shale, shells	210	
shale	235	4 Hr. flow test: 1st, 15.86;
red bed, shale	580	2nd, 13.26
anhydrite	670	3rd, 18.85, 46h, 10.00, through 3/8"
shale, shells	1490	choke.
lime	2095	
lime broken	2230	
lime, shale	2290	
shale, shells	2405	
lime, shale	3325	
lime	3490	
lime, shale	3640	
sand, lime	3644	RTD RB
Total Depth		

Tops:

Heebner	3108
Douglas	3143
Brown Lime	3239
Lansing	3265
Conglomerate	3546
Viola	3550
Simpson	3559
Arbuckle	3641

DST #1 3335-3365, open 45 min.
mine. Strong blow throughout
gas to surface in 30 min. Rec.
2880' fluid. Estimated: 10%
(288') gas cut mud, 10% (288')
oil & gas cut mud, 10% (288')
oil, 70% (2016') salt water.
IFP 700#, FFP 1175#, SIP 25
min., 1245#.

DST #2 3397-3408, open 45 min.
Strong blow throughout, gas, to
surface in 20 min. Rec. 30' oil
& gas cut mud. SIP 15 min. 1300#

DST #3 3431-3451, open 45 min.
Strong blow throughout, gas to
surface in 17 min. Rec. 180'
heavily oil & gas cut mud. SIP
15 min., 1250#.

Drilled plug & swabbed 4 hrs., 3
bbls. hr at end of test. Let set
overnight. Well filled 700' of oil
& 600' of water. Acidized w/500 gal. acid.
Swabbed 6 hrs. averaged 15 bbl. fluid
per hr., 63% wtr. Set over night. Had
2160' water, 500' oil. Ran Lane Well
log.

P.B. 3540 & perforated in Lansing-K.C.