

KANSAS GEOLOGICAL SOCIETY
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
KANSAS GEOLOGICAL SOCIETY BUILDING
508 EAST MURDOCK - WICHITA, KANSAS

23-7-22W

15-065-30218

COMPANY Paine Drilling

SEC. 23 T. 7 R. 22W

FARM Worcester

NO. 1

LOC. NE NW NW

TOTAL DEPTH 3805

COMM. 11-28-66

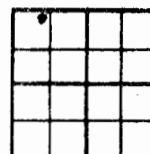
COMP. 1-26-67

COUNTY Graham
KANSAS

SHOT OR TREATED

CONTRACTOR Paine Drlg.

ISSUED 2-25-67



CASING

20	10	
15	7"	@ 218' w/ 115 sx
12	6	
13	4"	@ 3755' w/ 75 sx

ELEVATION 2244' KB

PRODUCTION PMP 87 BOPD/NW
(LANS-KC 3643-45) GR 36

FORMATION TOPS (Sample)

Elevation	2244 K. B.
Anhydrite	1843 (-401)
Topeka	3182 (-938)
Heebner	3435 (-1191)
Toronto	3461 (-1217)
Lansing - Kansas City	3475 (-1231)
Base Kansas City	3671 (-1427)
Conglomerate	3769 (-1525)
Eroded Arbuckle	3780 (-1536)
Total Depth	3805 (-1561)

SHOWS OF OIL AND ZONES OF POROSITY

- 3161 - 64: Limestone, tan-gray; finely crystalline - slightly fossiliferous; fair porosity. No show of oil.
- 3509 - 17: Limestone, white, finely crystalline-chalky; white-gray chert; poor-fair porosity; slight trace of asphaltic residue.
- 3547 - 52: Limestone, white, poorly oolitic-chalky; poor-fair porosity; poor spotted light oil stain.
- 3562 - 66: Limestone, white-tan; chalky; poor-fair porosity; very slight trace spotted light oil stain.
- D.S.T. #1 3533 - 67:
10 minute pre-flow.
Open 1 hour. Fair-good blow throughout test.
Recovered 80' very slightly oil specked mud, 120' muddy salt water.
Initial BHP 1097# (15") Final BHP 673# (20")
IFP 53# FFP 125#
- 3635 - 44: Limestone, white, poorly oolitic-slightly fossiliferous; fair porosity; spotted-good light oil stain.
- 3653 - 58: Limestone, white, poorly oolitic-slightly fossiliferous; poor-fair porosity; spotted dark oil stain.
- 3665 - 71: Limestone, white, poorly oolitic; poor porosity; trace of spotted dark oil stain.
- D.S.T. #2 3613 - 80:
10 minute pre-flow.
Open 90 minutes. Good-strong blow throughout test.
Recovered 62.5' oil, 180' mud cut oil, 120' oil cut mud.
Initial BHP 919# (20") Final BHP 953# (30")
IFP 107# FFP 386#
- 3794-3805: Dolomite, white, finely sucrosic; specks of flakey asphaltic residue. No free oil. No odor.