

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

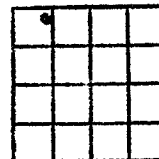
33-31-5W

Company- NATURAL GAS & OIL COMPANY
Farm- Ioerger No. 2

SEC. 33 T. 31 R.5W
NE NW NW

Total Depth. 4696'
Comm. 4-25-58 Comp. 5-17-58 (Rotary)
Shot or Treated.
Contractor. Dutch Drilling Co.,
Issued. 7-19-58

County Harper
KANSAS



CASING:

10 3/4" @ 317' cem. w/250 sx.
5 1/2" @ 4695' cem. w/150 sx.

Elevation. 1342' RB

Production. 132 BOPD

Figures Indicate Bottom of Formations.

surface clay	70
shale	110
red bed & shale	317
shale	772
anhydrite	800
shale	1040
lime	1535
shale & lime	3662
lime	3837
lime & shale	3937
shale	4027
lime & shale	4208
lime	4240
lime & chert	4383
lime	4490
reaming	4490
lime	4552
shale	4652
Simpson	4696
Coring	4696 RTD
TOTAL DEPTH	

TOPS:

Anhydrite	772
Ft. Riley	1040
Lansing	3589
Base K/C	3816
Marmaton	3888
Mississippi	4213
Kinderhook	4554
Simpson	4653

DRILL STEM TESTS:

- #1 3760-70, open 1 hr., rec. 200' salt water w/tr of oil, IFP 25#, FFP 110#, IBHP 1655#, FBHP 1600#, SI 20 min.
#2 4654-67, open 1 hr., gas to surf. in 10 min, too small to gauge, rec. 1440' GCMO w/tr wtr. 1440' CGO, 60'

salt water, IBHP 2010#, SI 20 min, IFP 345#, FFP 1115#, BHP 1750#.
#3 4667-96, open 1 hr, rec. 645' HO& GCSW, 240' SO&GCSW, IBHP 1815#, SI 20 min, IFP 135#, FFP 430#, FBHP 1790#.

Perf. 4654-58 w/4 jets per ft. & 6 bullets per ft., filled up 700' fluid in 1 hr, Swb 64 BO & 16 BW in 5 hrs, natural. Physical potential 132 BO & 132 BWPD.