

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

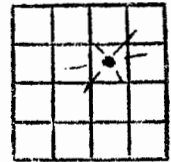
3 - 35 - 30W

Company- REPUBLIC NATURAL GAS COMPANY
Farm- Fox No. 1

SEC. 3 T. 35 R. 30W
C SW NE

Total Depth. 6237'
Comm. 5-31-57 Comp. 9-6-57
Shot or Treated.
Contractor. Moran Brothers
Issued. 3-15-58

County Meade
KANSAS



CASING:
10 3/4" 609' cem w/370 sx
7 5/8" 2594' cem w/100 sx
4 1/2" Prod. @ 5981 KB w/216 sx

Elevation. 2560' RB
Production. 13,000,000 CFG

Figures indicate Bottom of Formations.

no record	625
red bed & surface shells	1183
red bed, shale & Anhydrite	2075
Anhydrite, lime, shale & salt	2415
lime, Anhydrite, shale, salt & Dolomite	2610
Dolomite & shale	2670
sandy shale, chalky dolomite	2827
chalky lime, chalky dolomite	3103
lime & chalk	3288
lime, chalk & shale	3054
lime & shale	4740
lime, shale, chert	4928
lime, shale	5012
lime	5127
lime	5224
lime, shale	5325
lime, shale, chert	5387
lime, shale	5774
lime, shale, sand	5811
sand, shale	5908
sand, shale, lime	6090
lime, shale	6185
lime	6237
Total Depth	

TOPS:
Herington (Scout) 2580
Winfield 2711
Upper Ft. Riley 2772
Lower Ft. Riley 2855
Council Grove 3024
Toronto 4396
Lansing 4526
Checkerboard 5071
Marmaton 5203
Cherokee 5389
Morrow Sand 5889
Mississippian 5910
St. Genevieve 6126

DST #3, 5077-5091, Op 1 hr. Schlumberger Depth 5067-5081, Bypass 2 min open 10 min. Rec. 560' muddy slightly gas cut salt wtr. Initial 20 min. BHP 1765#, Final 20 minute BHP 1725#, Flow Pres 90-355#, Hydrostatic Mud 2530-2470#
DST #4, 5204-24, Op 1 1/2 hr. Schlumberger Depth 5194-5214, Gas to surface in 6 min. 10 min gauge 47MCF, 20 min, gauge 56MCF, 60min., gauge 66 MCF, Rec. 900' free oil 600' salt wtr. flow press. 105-295#, BHP-20min, 700# increasing, Hydrostatic Mud 2450-2375#.
DST #5, 5363-5373, Op 1 hr. Schlumberger Depth 5354-64, Straddle Packers, Weak blow thruout test, Rec. 20' slightly gas & oil cut mud, flow press 35-35#. BHP, 20 min 390# increasing
DST #6, 5804-5811, Mississippi Run.
DST #6A, 5803-5811, Op 1 hr. Schlumberger Depth 5794-5802, Gas to surface in 2 min, 5 min., gauge 863MCF, 10 min., gauge 931MCF, 20 min., gauge 931MCF, 30 min., gauge 947MCF, 60 min., gauge 947MCF, Rec. 5800' gas in drill pipe & 1 qt. distillate, FLO Pres. 120-140#, Initial 30 min. BHP 2025#, Final 30 min. BHP 2000#, Hydrostatic Mud, 2725-2710#.
DST #7, 5850-5865, Op 1 hr. Schlumberger Depth 5842-5857, Fair Blow, Rec 20' slightly gas cut mud, Initial 30 min., BHP 1425#, Final 30 min. BHP 1675#, Flo Pres. 20-20#, Hydrostatic Mud. 2815-2815#.
DST #8, 5893-5908, Op 1 hr. Schlumberger Depth 5885-5900, Gas to Surface in 2 min, wtr. cushion to surface in 42 min., 5 min, gauge 2072MCF, 10 min, gauge 2468MCF, 15 min, gauge 2494MCF, 20 min, gauge 2494MCF, 30 min, gauge 2468MCF, 60 min, gauge 2531MCF, Rec. 5908' gas & distillate dripping from pipe, Initial 30 min. BHP 2050#, Final 30 min. BHP 1975#, Flow Pres. 65-65#, Hydrostatic Mud 2865-2915#.

Production averaged 71 MCF/day in 5 days during November & December, 1957. No official 4 point test yet.

DST #1, 3090-3117, open 1 hr. Schlumberger Depths 3090-3117. Gas to surface in 5 min. gauge 2,008 MCF, 20 min. gauge 2062 MCF, 36 min. gauge 2754 MCF W/heavy salt water fog, 58 min. gauge 2862 MCF. REC. 70' salt wtr. flo pres. 600-690#, BHP 20 min 885# Hydrostatic 1875#.

DST #2, 4410-4425, Op 32 min. Schlumberger Depths 4402-4417, Gas to surface in 1 1/2 min. oily mud to surface in 5 1/2 min, 5 min. gauge 3480MCF, 10 min, gauge 5665MCF, 15 min., gauge 5465 MCF, 20 min gauge, 5157MCF 32 min., gauge 5648 MCF, Rec. 180' free oil 10' salt wtr. flo press 1430-1990#, BHP 20 min. 1560#, Hydrostatic Mud 2270-2270#.