

KANSAS WELL LOG BUREAU --- KANSAS GEOLOGICAL SOCIETY

508 EAST MURDOCK - WICHITA, KANSAS

COMPANY REPUBLIC NATURAL GAS COMPANY

SEC. 1 T. 28 R. 21W

FARM Harsha Estate NO. 1

LOC. NE NE SW
330' W. & 330' S. Center

TOTAL DEPTH 5005

COMM. 1-13-51

COMP. 3-1-51

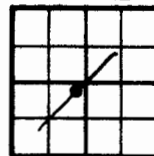
COUNTY Ford

SHOT OR TREATED

CONTRACTOR Moran Bros., Inc.

ISSUED 3-31-51

KANSAS



CASING

10 3/4" 443' KB circulated
7" 5003' KB cem. w/175 sx

ELEVATION

2352 Ind.
2345 Gr.

PRODUCTION dry

FIGURES INDICATE BOTTOM OF FORMATIONS

surface 20
sand 67
sand & gravel 75
shale & shells 302
shale 486
redbed, shale, gyp 600
redbed, gyp 900
shale & shells 1130
redbed & gyp 1500
redbed & shells 1600
gray shale 1640
shale & shells 1700
shale & gyp 2190
shale & Anhy. 2275
Anhy. & gyp 2368
shale & gyp 2428
Anhy. & shale 2455
Anhydrite 2480
Anhy. & shale 2564
Anhy. & lime streaks 2596
Anhy. & lime 2635
shale & lime 2720
lime 2735
shale & lime 3602
lime 3614
lime & shale 3943
lime 4020
lime & shale 4038
lime 4165
lime & shale 4368
lime 4400
shale & lime 4425
lime 4538
lime & shale 4563
lime 4819
lime & shale strks 4831
lime 4860
lime & shale 4917
lime 4957
lime & chert 4966
chert & lime 4973
lime 5005
Total depth

Tops:
Stone Corral Dolomite 1352
Hollenburg Dolomite 2473
Top Hugoton Pay
(Harington Dolomite) 2560
Topeka Limestone 3514
Heebner shale 4164
Lansing (Brown lime) 4315
Base Kansas City limestone 4491
Broken Mississippi 4947
Mississippi limestone 4967

Remarks:

Ran drill stem test 4946-4966.
No gas, oil, or water on test.
Drill stem test 4969-5005. Gas
to surface five minutes. Tested
four hours recovered 1440' salt
water and 450' gas cut mud.
Maximum open flow from drill
pipe 773 MCF. Ran Schlumberger
salt water log. Ran 159 joints,
5008' of 7" OD casing, set at
5003' K.B. with 175 sx cement.
Maximum pressure 550#. Stop
plug 4968'. Job finished 5:00
a.m. March 4, 1951.
Moved cable tools to location
March 9, 1951. Drilled cement
4996'. Perforated 4968- 4973
and 4977-4981 Lane Wells with
24, 9/16" bullets and 32 Kone-shot.
Acid 2,000 gals. 15%. 1500' fill
up of salt water after acid.
Set Lane Wells plug 4896'.
Dumped one sack cement on top of
plug. Perforated 4664 to 4677., 4
shots per foot. Recovered 1 gal.
drilling water per hr. Acid
500 gals. 15%. Swabbed 6 gal.
water per hr. Orders to abandon
well 9:30 a.m. March 16, 1951.