

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY

508 East Murdock,

Wichita, Kansas

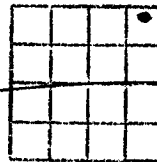
35-21-13W

HERMAN GEORGE KAISER—  
Company—FRANCIS OIL & GAS, INC.  
Farm—Appl-Gate No. 5

SEC. 35 T. 21 R. 13W  
50' S C N/2 NE NE

Total Depth. 3672  
Comm. 1-10-56 Comp. 1-23-56  
Shot or Treated. 1000 gal acid 3668-72  
Contractor. Armer, Inc.  
Issued. 4-14-56

County Stafford  
KANSAS



8 5/8 @ CASING: 278' w/ 200 sx cmt.  
5 1/2 @ 3667' w/ 125 sx cmt.

Elevation. 1878 KB

Production. 40 BOPD

Figures indicate Bottom of Formations.

sand	165
shale & shells	278
red bed	705
anhydrite	728
shale & shells	1020
shale, shells & salt	1340
shale & lime	2995
broken lime	3120
lime	3167
shale & lime	3250
shale	3314
lime & shale	3446
lime	3480
lime & shale	3490
lime	3500
shale	3547
shale & lime	3560
lime & chert	3598
chert	3612
shale	3640
shale & lime	3660
lime	3670
lime	3672
Total Depth	

RTD

TOPS:

Heebner	3175
Brown lime	3297
Lansing	3315
Base K. C.	3533
Viola	3547
Viola chert	3561
Simpson shale	3606
Arbuckle	3655

DST #1: 3328-62, open 1 hr. rec. 150'  
GC watery mud, BHP 350#/15 min.

DST #2: 3378-3401, open 1 hr. rec.  
30' oil specked mud, BHP 310#/15 min.

DST #3: 3434-51, open 1 hr. rec. 25'  
SOC watery mud, BHP 0#

DST #4: 3450-90, open 1 hr. rec. 60'  
SO specked mud, BHP 140#/15 min.

DST #5: 3494-3540, open 1 hr. rec.  
45' wtry mud, BHP 0#

DST #6: 3656-60, open 1 hr. rec. 20'  
mud, BHP 0#

DST #7: 3660-70, open 1 hr. rec. 1680'  
gas, 30' MOCM, 70' HOCM, 50' free oil,  
BHP 400#.