

15-051-05010-0000

WELL RECORD

any Cities Service Oil Co. Well No. 1 Farm Krueger Unit, Tract No. 5  
 Location 360° South and 330° East of NW Corner Sec. 2 T. 11 R. 161  
 Elevation 2054 (2052 Gr.) County Ellis State Kansas  
 Drlg. Comm. January 14, 1949 Contractor Holm Drilling Company  
 Drlg. Comp. February 17, 1949 Acid 4,500 gals. (see below)  
 T.D. 3584' P.B.T.D. 3290'  
 Initial Prod. Physical Potential: 462 oil, 19 water, 24 hrs. (4-13-49)

CASING RECORD:

8-5/8" @ 304° cem. 175 sacks cement  
 5-1/2" @ 3582° cem. 200 sacks cement

FORMATION RECORD:

lime & shale	0-44
lime & clay	55
shale	170
sand & shale	200
shale & shells	265
sand	280
shale	855
shale & shells	1104
shale, shells & red bed	1205
anhydrite	1245
shale & shells	1840
lime & shale	2105
shale & lime	2235
lime & shale	2460
shale & lime	2545
shale	2820
shale & lime	2990
lime & shale	3060
lime	3193
cored shale & lime	3225
cored shale & lime	3231
cored lime & shale	3254
cored lime	3255
cored lime & shale	3265
cored lime & shale	3277
cored lime & shale	3293
cored lime & shale	3308
cored shale & lime	3323
cored lime	3338
cored lime and shale	3353
cored lime & shale	3403
cored lime & shale	3433
cored lime	3434
cored lime and shale	3481
cored shale & lime	3498
cored lime & shale	3515
lime & shale	3525

lime 3586  
 3586 RTD = 3584 SIM TD

Corrected Top Lansing	3218°
Corrected Top Cherty Congl.	3533°
Corrected Top Eros. Simpson	
Dolomite	3563°
Corrected Top Simpson Shale	3569°
Corrected Top Arbuckle	3578°
Penetration	6°
Total Depth	3584°

1025° water in 55 mins. at 3584.  
 1775° water in 1 hr. 50 mins. at 3584.  
 2400° water in 8 hrs.

Set Lane-Wells plug at 3505 SIM.

Perf. 17 shots 3316-3322  
 " 17 shots 3300-3306  
 150° fluid (oil & wtr.) in 40 mins.  
 " 17 shots 3188-94  
 370° fluid in 1 hr. 25 mins.  
 1125° fluid in 5 hrs. 25 mins.  
 2705° fluid (2360° oil, 345° wtr) in 12 hrs.

Set retainer at 3260 and squeezed with 100 sx cement; 31 sx through perfs. 3300-22 at 2200#.

3-2-49 Acidized 3188-94 w/1000 gals.  
 3-4-49 Fmpd. 154 oil, 14 wtr., 23 hrs. from 3188-94.

Drilled cement to 3290 SIM.

Perf. 65 shots 3264-3281  
 " 42 shots 3242-3253  
 " 24 shots 3215-3221

Wueger Unit, Tract No. 5, Well #1 continued:

3-8-49 Acidized 1500 gals. 3264-81.  
" " 1000 gals. 3242-53.  
" " 1000 gals. 3215-21.

3-10-49 Pumped 460 oil, 23 water, 24 hrs.

SYFO: 500' 1°  
1000' 0°  
1500' 0°  
2000' 0°  
2500' 0°

7-7/8" rotary hole.