

WELL RECORD

Company Cities Service Oil Co. Well No. 4 Farm Krueger
 Location 990' North and 990' West of NE Corner Sec. 35 T. 20 R. 16W
 Elevation 2076 (2074 Cr.) County _____ Hooks _____ State Kansas
 Drlg. Comm. August 8, 1949 Contractor Holm Drilling Company
 Drlg. Comp. August 17, 1949 Acid _____ 4000 Gals. (see below)
 T. D. 3562' Initial Prod. Physical Potential: 251 oil, 22 water, 24 hrs. (9-30-49)
 P. D. 3530'

CASING RECORD:

8-5/8" @ 314' cem. 175 sx cement
 5-1/2" @ 3562' cem. 200 sx cement

FORMATION RECORD:

lime	0-40
lime & shale	90
shale	250
shale & shells	550
shale & sand	770
sand, shale & shells	1107
sand, shells & red bed	1180
shale & shells	1235
anhydrite	1280
shale & shells	1600
shale & salt	1660
salt & shale	1750
shale & shells	1865
lime & shale	2030
shale & lime	2195
lime & shale	2460
shale	2550
shale & lime	2590
lime & shale	2755
shale & shells	2965
lime	3560

3560 MFD = 3562 DIA

Corr. Top Dodge	3250'
Corr. Top Lansing	3255'
penetration	307'
Total depth	3562'

Drilled cement to 3530 dia.

Perf. 25 shots 3351-57
 Perf. 25 shots 3337-44 (8-
 880' water in 30 mins.
 1500' water in 55 mins.
 Perf. 18 shots 3223-30
 2160' water with slight show oil
 in 1 hr. 55 mins.

Set retainer at 3202 and squeezed with
 140 sacks cement; 50 sacks through
 perforations at 3200.

Drilled cement to 3530 dia.

Perforating Record 8-30-49

27 shots 3307-14
 20 shots 3299-3304
 26 shots 3281-88
 15 shots 3252-57
 20 shots 3227-34

acidizing Record 8-1-49

1500 gals. 3299-3314
 500 gals. 3281-88
 1000 gals. 3252-57
 1000 gals. 3227-34

500'	0°
1000'	0°
1500'	1°
2000'	0°
2500'	1°
3000'	1°

7-7/8" rotary hole.

RECEIVED
 STATE CORPORATION COMMISSION
 APR 20 1965
 CONSERVATION DIVISION
 Wichita, Kansas