

WELL RECORD

Krueger Unit
#301 W

~~Kr 301 W~~

Company Cities Service Oil Co. Well No. 1 Farm Ush "A"

Location 990' N and 330' E of SW Corner Sec 36 T. 10 R. 16W

Elevation 8062 (2059 gr.) County Roos State Kansas

Drig. Comm. 9-8-48 Contractor Helm Drilling Co.

Drig. Comp. 9-21-48 Acid 9000 gallons (see below)

T. D. 3555' Initial Prod. Physical Potential: 20 oil, 19 water, 24 hrs., (12-16-48)

CASINO RECORD:

8-5/8" @ 895' with 150 sacks cement.
5-1/2" @ 3555' with 175 sacks cement.

FORMATION RECORD:

Line (Post Rock)	0-30
Sand and white rock	100
Shale (blue)	145
Shale and shells	208
Sand	255
Shale and shells	295
Shale	540
Sand	660
Shale	730
Sand and shale	835
Shale and shells	1218
Anhydrite	1260
Shale	1560
Shale and shells	1690
Shale and salt	1800
Shale and shells	1940
Shale and lime	1985
Lime	2015
Lime and shale	2225
Lime	2285
Shale and lime	2380
Lime and shale	2400
Lime	2460
Shale and shells	2655
Shale and lime	2750
Shale and shells	2830
Shale and lime	2890
Lime and shale	2975
Lime	3555 T.D.

DST 3268-77 rec. 10' rotary mud no show of oil/15 minutes.

2555
2067
-1493

Top Lansing 3241'
Penetration 314'
T.D. 3555'

Drilled cement to 3543 S.L.M.
Perf. 37 shots 3530-42.
Perf. 24 shots 3509 1/2-18.
Perf. 23 shots 3470-76.
Perf. 24 shots 3460-66.

Oct. 2, acidized 1000 gallons 3530-42
Swabbed 7 water, no oil, 9 hours.

Oct. 5, acidized 1000 gallons 3809 1/2-42
" " " 1000 gallons 3460-76

Pumped 3 water, no oil, 5 hours from 3460-76
Pumped 15 water, no oil, 9 hours from all zones

Set Lane-Wells plug at 3438 S.L.M.
Perf. 34 shots 3410-20; 4 bailers water 1 hour, 20 minutes.

Perf. 33 shots 3360-70 slight show oil.
Perf. 23 shots 3321 1/2-30.
Perf. 24 shots 3308-08.
Perf. 23 shots 3276-25.
Perf. 24 shots 3246-52.
Perf. 23 shots 3220-28 1/2
Set Lane-Wells plug at 3395.

Oct. 9, acidized 500 gallons 3360-70
Oct. 9, acidized 1500 gallons 3321 1/2-30
Oct. 9, acidized 1500 gallons 3246-52
Oct. 9, acidized 500 gallons 3220-28 1/2

Pumped 250 water, no oil, 24 hours, from all zones. Set packer at 3362 and pumped 248 water, no oil, 12 hours from 3220-3330.
Set packer at 3292 and pumped 440 water, trace oil, 21 hours from 3220-83. Set packer at 3199 and squeezed with 100 sacks cement; 71 sacks through perforations at 2600'.

Drilled cement to 3340 S.L.M.
Perf. 34 shots 3273-83 show oil.
" 41 shot 3240-57
" 37 shots 3215-28

STATE CORPORATION COMMISSION

NOV 03 1948
CONSERVATION DIVISION
Wichita, Kan.