



no lead

Company Cities Service Oil Well No. 2 SWD Farm Pyle "A"

Location 2180' FSL & 150' FWL Sec. 13 T. 31 R. 18

Elevation 2049' County Comanche State Kansas

Initial Prod. 44 Barrels in 30 Minutes Contractor Rosencrantz-Bemis

Acid 1000 Gallons 5% Drlg. Comm. May 24, 1971

T.D. 1012' - PBTD 971' Drlg. Comp. May 28, 1971

8-5/8" OD 20# 8rd. SS Grade "A" Casing set at 505' - cemented with 275 sacks + additives.

5-1/2" 14# Grade "B" Casing set at 1008' - cemented with 150 sacks + additives.

FORMATION RECORD

Top Soil	0- 18
Sand & Clay	24
Sand	38
Sand & Gravel	90
Clay	104
Sand & Rock	175
Red Bed	248
Sand	271
Red Bed	304
Lime	345
Red Bed	650
Sand	660
Red Bed	710
Sand	717
Red Bed	980
Chalk	988
Anhydrite	994
Red Bed	1012

Ran Gamma Ray-Neutron Log.

Completion in Salt Plains Section.

Perforated 740-46' - 6 shots
731-38' - 7 shots
Both of above zones swabbed dry.

Perforated 710-20' - 10 shots
F.L. @ 650' in one hour,

Reperforated 712-18' - 6 shots
Swabbed 40 B/Hr.

Acidized with 1000 gallons 5% acid
with 8 ball sealers @ 6 B/M.

Swabbed 175 barrels in 5 hours.

Ran 2" cement lined tubing on
Johnson 101S Tension Packer set
at 647'. Loaded annulus with
treated fresh water.

Took input rate on June 7, 1971,
at 44 barrels in 30 minutes on
vacuum.

Water sample swabbed from above
perforations had 165,000 ppm CL₂.

