

HUMBLE OIL AND REFINING COMPANY

"FEDERAL KNOX #1"

660' FNL & 1980' FEL,
Sec. 18, T-24-S, R-38-E,
Elevation: 5174' GL

Casing: 11-3/4", 42' @ 282.30'; cemented w/250sx
8-5/8", 32# @ 3298.20'; cemented w/2300 sx
5-1/2", 14#, 15.5#, & 17# @ 6808.2'; cemented w/600 sx

Date Drilled: 8-13-57
TD: 6820'

Completion:

Perforations @ 6775' and 6769' w/6 holes each; acidized w/1000 gals acid, squeezed perfs and set packer @ 6735'.

Perforations @ 5800' w/2 bullet holes; cemented w/450 sx, top of cement @ 3210'.

Perforations @ 5376' - 90' w/4 bullets per foot, acidized w/500 gals 15% HCL, squeezed w/175 sx cement.

Perforations @ 5443' - 77' w/4 shots per foot, acidized w/500 gals 15% HCL, squeezed w/95 sx cement.

Perforations @ 3805' - 21', 3830' - 70' w/4 shots per foot, acidized w/1000 gals mud acid, frac w/20,000 gals refined oil and 30,000 lbs sand; placed cement plug from 3900' - 3620' w/35 sx; shut off 5-1/2" casing @ 3175'; casing parted @ casing bowl; recovered 66 jts., 2630'.