

SEP 3 0 1985

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No

Formation Description [X] Log [] Sample

Topoka: LS, creamy tan, fine crystalline, tight porosity, NS
Heebner: ST, black, carbonaceous
Toronto: LS, white, creamy tan, fine crystalline, some pyrite, interparticle crystalline porosity, NS
Lansing: LS, creamy white, fine crystalline, some chalk/pyrite, interparticle crystalline porosity, show free oil
Base/LKC: LS, white creamy, fine crystalline, some chalk, NS
Arbuckle: DOL, lt. pink, some limestone, fine crystalline, sucroic interparticle porosity
Reagan: QTZ, tan-lt. pink, med. grained, sub-rounded, calcitic cement between grains, good porosity, very good show free oil, good fluorescence, strong odor

Table with columns: Name, Top, Bottom. Rows include: Anhydrite (1710), Topoka (3126), Heebner (3320), Toronto (3342), Lansing/Kansas City (3357), Base Kansas City (3549), Arbuckle (3590), Reagan (3619), Granite (3636)

DST #1 3608-3660 Fair blow 1st open, weak to fair blow 2nd open
30" 45" 45" 45" 50' Cas in pipe 74' mud-cut oil - 5% gas, 15% mud, 80% oil. 100' mud-cut oil - gas 5%, oil 60%, mud 35%.
60' mud-cut oil - mud 45%, oil 55%. 254' total fluid.
SIP: 1048#-1006# IFP: 54#-82# FFP: 105#-141#

CASING RECORD table with columns: Purpose of string, size hole drilled, size casing set, weight lbs/ft., setting depth, type of cement, # sacks used, type and percent additives. Includes data for surface and production strings.

PERFORATION RECORD and Acid, Fracture, Shot, Cement Squeeze Record tables. Includes columns for shots per foot, specify footage of each interval perforated, amount and kind of material used, and Depth.

TUBING RECORD table with columns: size, set at, packer at, Liner Run (Yes/No).

Date of First Production and Producing method table. Includes Date of First Production (9-5-85) and Producing method (pumping).

Estimated Production Per 24 Hours table with columns: Oil (16 Bbls), Gas (TSTM MCF), Water (Bbls), Gas-Oil Ratio, Gravity (26).

METHOD OF COMPLETION and PRODUCTION INTERVAL sections. Includes checkboxes for vented, open hole, perforation, and other completion methods.