

HUBBS OFFICE O.C.C.

MAY 8 11 13 AM '59

State "K-33" No. 2
N 30 16-S R-36-E
Lea County, Texas
Shoe Bar East, Devonian

DRILL STEM TESTS

- DST No. 1: 12,990' to 13,030', 5/8" x 1/2" chokes. 15 min. pre-flow, 1 hr. ISIP, 5-1/2 hour test, 1 hr. FSIP. Tool opened with good blow increasing to strong in 15 mins. Took 1 hour ISIP. , re-opened tool with good to strong blow. Put on 1/4" choke. Had gas to surface in 2 hours & 57 minutes; gas TSTM FOR remainder of test. Recovered: 10,100' of fluid, 3077' water blanket & 7023' of 62.5° API oil, had 30' of oil below circulating sub. Sample Chamber recovery: 2.3 cu. ft. of gas 1600 cc of oil, 400# psi, no water, Hydro in 6338#, pre-flow for 15 mins. 1513# to 1604#, ISIP 5017#, IFP 1649#, FFP 3363# FSIP 4794#, Hydro out 6316#, Temp. 188° F.
- DST No. 2: 12,988' to 13,040', Mis-run
- DST No. 3: 12,992' to 13,040', 5/8" x 1/2" chokes, 15 min. pre-flow, 1 hr. ISIP, 8 hr. test, 1 hr. FSIP. Tool opened with good to strong blow for 15 mins. Took 1 hr. ISIP, re-opened tool for test with good blow increasing to strong in 10 mins, put on 1/4" choke, gas to surface in 3 hrs. & 45 mins. Gas TSTM for remainder of test. Recovered: 10,77' fluid, being 3077' of water blanket plus 7700' of oil. Sample Chamber: 450# psi, 2.5 cu. ft. gas and 1900 cc of oil, 62° API. No water. Hydro in: 6351#, 15 min. pre-flow 1607# to 1652#. 1 hr. ISIP 5015#, IFP 1652#, FFP 3680#, 1 hr. FSIP 4859#, Hydro out 6330#, Temp. 190° F.

