

PENNZOIL COMPANY

Bridges-State No. 1

A, 11, 17-S, 34-E

HOBBS OFFICE O.C.C.

APR 19 12 33 PM '66

DRILLSTEM TEST DATA

DST #1: 8549-8618'. Tool open 1 hr and 15 min. Weak blow and died in 10 min. Rec 510' drlg wtr. 1 hr and 20 min ISIP 3244#; 1 hr FSIP 3110#; FP 138# - 277#. Hyd. 3739#.

DST #2: 10,515-545'. Tool open 3 hrs & 15 min. GTS in 50 min. TSTM. Rec 270' 38 dg grav oil + 90' O&GCM, 60 min ISIP 2790#; 150 min FSIP 1585#; FP 60-92#; Hyd 4955# in and out.

DST #3: 10,553-624'. GTS in 10 minutes during pre-flow. Open 2 hrs after pre-flow. Gas @ 400 MCF. Reversed out 8 bbls gas cut oil, grav 47.4 deg @ 40 deg F, + 5 bbls oil and gas cut mud + 1½ bbls slightly gas cut mud. 90 min ISIP 4032#; 120 min FSIP - 3777#, FP 174-611#; Hyd 4939# in and out.

DST #4: (Straddle packer test) 9735-9920'. Tool opened with weak blow, open 15 min. SI 1½ hrs. Opened w/no blow.

DST #5: 11,066-210'. Tool open 2 hrs & 36 min. Rec 1 qt oil, 1000' gas cut water blanket, 180' GCM, 90 min ISIP 3424#; 120 min FSIP 946#; FP 669-692#, Hyd 5266#.

DST #6: 11,835-11,915'. Open 2 hrs & 15 min. GTS 1 hr and 45 min. TSTM. Rec 2500' GCWB + 300' GCM, 60 min ISIP - 6262#, 120 min FSIP 6536#; FP 1248-1312#, Hyd. 7263#.

DST #7: 11,931-11,984'. 2500' WB (7 min pre-flow period). Tool open at sur a total of 37 minutes including pre-flow period. Gas & WB to surf in 7 min at end of pre-flow. Took 2 hr & 43 min ISIP. Opened tool. Gas & WB immediately. Gauged 3½ mill CFPD after 12 min on 1/4" choke w/4900# surface flowing pressure. Well making some condensate. Shut well in for safety purposes. Recovery lost during reverse circulating and mud conditioning procedures. Initial Hyd press 7114#; 2 hr & 43 min ISIP 6987#; IFP 4723#; FFP 6774#; 11 hr & 25 min FSIP 7072#; Fin Hyd press 7496#.

DST #8: 13,005-40'. Took 10 min pre flow, 1 hr ISI. Tool open 3½ hrs and 2 hr FSI. Strong blow immediately on pre flow, GTS 20 min after tool open for flow. Strong blow decreasing to weak blow at end of test. Rec 2200' GCM. HPI 5930#; ISIP 1431#; IFP 255#; FFP 612#; FSIP 930#, HPO 5919#.