

11-4-81

DST #1 Interval 5737' - 5787' (50')

Opened tool for 15 min initial flow. Weak blow took 30 min ISIP. Opened tool for 30 min final flow. Weak blow decreasing to none in 30 min. Shut in tool for 60 min FSIP. Recovered 33' of drilling fluid.

IFP 25 psi (15 min)
ISIP 2200 psi (30 min)
FFP 37 psi (30 min)
FSIP 2213 psi (60 min)
EPI 2661 psi
EPO 2649 psi

DST #2 Miss run, could not get tools to bottom.

DST #3 Interval 8339-8389' (50')

Opened tool for 15 minutes initial flow, weak blow increasing to strong blow in 4 minutes. Took 30 minutes ISIP. Opened tool for 60 minutes with fair blow increasing to strong blow by end of test, no fluid to surface. Shut in tool for 120 minutes FSIP. Recovered 7185' of free oil and gas and 550' of very heavy oil and gas cut mud.

ISIP - 3288 psi (30 min.)
IFP - 1474 to 220 psi (15 min.)
FFP - 2233 to 3086 psi (60 min.)
FSIP - 3288 psi (120 min.)
EPI - 4090 psi
EPO - 4058 psi

DST #4 Interval 8320-8389' (69')

Opened tool for 20 minutes initial flow, fair blow increasing to strong blow in 1 1/2 minutes. Surface pressure increased to 8 psi in 20 minutes. Took 60 minutes ISIP. Opened tool for final flow. No blow at surface. Left tool open 120 minutes. Took 200 minutes FSIP. Reversed out 3700' of free oil and gas. Sample Chamber contained. 2600cc of 33° API oil @ 128 psi.

IFP - 1525-1997 psi (20 min.)
ISIP - 3333 psi (60 min.)
FFP - 3333 psi (120 min.)
FSIP - 3333 psi (200 min.)
EPI - 4314 psi
EPO - 4314 psi

DST #5 Interval 8335' - 8399' (64')

Opened tool for 5 min initial flow. Weak blow increasing to strong blow in 5 min. Took 45 min ISIP. Opened tool for 4 hour final flow. Strong blow immediately. Gas to surface in 1 hr and 44 min. Fluid to surface in 2 hr and 10 min. Clean well to pit for 5 min. Switched well to test tank. Well flowed 29.6 BO in 1 hr and 50 min. Well stabilized on final one hour flow. One hour rate 20.1 BO w/ GOR 50.6 SCF/STB. FFP 30 psi on 1/2" choke. Corrected oil gravity 38.2° API @ 60 F. Closed well in for 12 hour FSIP.

Pulled DST packer loose. Hit fluid 3 stands from surface. Dropped bar. Reversed out 8116' of free oil. POH w/ test tool. Recovered 1600 cc of oil in sample chamber. Unable to record sample chamber pressure. BHT 178°F.

IFP 1752.1 to 1929.1 psi (5 min)
ISIP 3290.9 psi (45 min)
FFP 2233 to 3161 psi (240 min)
FSIP 3290.9 psi (720 min)
EPI 4.064 psi