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DST #7

Two Johnston 7" O.D. X 30" Long, packers on 4-1/2" I.F., 16.60#, drill pipe, testing in 7-5/8" open hole. Bottom packer at 11821', T.D. 11828', testing 7'. Set 30,000# on packers, 5/8" bottom choke, 1" top choke. Tool opened 3:15 A.M., 2/15/52, w/fair blow increasing to good blow throughout test. Tool open 2 hours, shut in 15 minutes for bottom hole static build-up.

RECOVERY:

Water cushion	2350'
Heavy gas cut drilling mud w/trace of water	450'
Heavy gas cut mixture of oil and water cut w/drilling mud	1980'
Heavy gas cut mixture of 50% oil and 50% water	2400'
Water	210'
Total fluid recovered	7590'

BOTTOM HOLE PRESSURE BOMB DATA:

Initial hydrostatic pressure	5650 psi
Initial and minimum bottom hole flowing pressure	1425 psi
Tool open 2 hours:	
Final and maximum bottom hole flowing pressure	3275 psi
Shut in 15 minutes:	
Bottom hole shut-in pressure	4675 psi
Final hydrostatic pressure	5650 psi

REMARKS:

Bottom hole flowing pressure increasing throughout test. Bottom hole shut in pressure static immediately after closing tool.

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DST #8

Testing perforations 11792' to 11798'. Ran Johnston packer on 2-1/2" EUE tubing. Set packer in 5-1/2" O.D., 20# casing at 11760' w/20,000# weight. 1/2" bottom choke, 1" top choke. Not water cushion. Opened tool at 12:44 P.M., 2/23/52, w/fair blow, good steady blow for 4-1/2 hrs., blow decreasing to weak blow until gas to surface in 10 hours and 10 minutes, weak blow diminished to very weak blow until 11 hours and 35 minutes, very weak blow continued until tool closed, tool open 18 hours and 35 minutes. Shut in 15 minutes for bottom hole static build-up. Pulled packer loose w/23,000#. Started to pull tubing, flowed 720' of pipe line oil and 90' of heavy oil & gas cut drilling mud.

RECOVERY:

Gas cut oil	720'
Heavy oil cut drilling mud w/trace of water	90'
Gas cut drilling mud and oil	270'
Gas cut oil, cut w/drilling mud	1170'
Gas cut drilling mud, heavily cut w/oil, trace of water	900'
Gas cut drilling mud, heavily cut w/oil, 3% water	90'
Gas cut drilling mud, heavily cut w/oil, 20% water	90'
Gas cut drilling mud, heavily cut w/oil, 40% water	720'
60% water cut w/drilling mud and gas	1710'
85% water cut w/drilling mud and gas	1600'
Water cut w/gas	1740'
Gas cut drilling mud w/30% water	720'
Gas cut drilling mud w/15% water	1740'
Total fluid recovered	11760'

BOTTOM HOLE PRESSURE BOMB DATA:

Initial hydrostatic pressure	5750 psi
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