

DST #5

Two Johnston 7" O.D. X 30" Long, packers on 4-1/2", 16.60#, drill pipe, testing in 7-5/8" open hole. Bottom packer set at 11749', T.D. 11779', testing 30'. Set 30,000# pm packers, 5/8" bottom choke, 1" top choke. 2550' water cushion, tool opened at 9:20 P.M., 2/9/52, w/fair blow, diminished to zero blow in 26 minutes. Tool open 1 hour. Shut in 15 minutes for bottom hole static build-up.

RECOVERY:

Water cushion w/trace of oil	50'
Water cushion very slightly O & G cut	2500'
Slightly Oil & Gas cut drilling mud	120'
Total fluid recovered	2670'

BOTTOM HOLE PRESSURE BOMB DATA:

Initial hydrostatic pressure	6075 psi
Initial, final, minimum & maximum bottom hole flowing pr.	1225 psi
Shut in 15 minutes:	
Bottom hole shut-in pressure	4625 psi
Final hydrostatic pressure	6050 psi

REMARKS:

Bottom hole flowing pressure indicated hydrostatic head of water cushion only, no apparent flow into bore hole. Bottom hole shut-in pressure almost static last 4 minutes of 15 minute shut-in period.

DST #6

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 set at 11779', T.D. 11825', testing 44'. Set 30,000# on packers, 5/8" bottom choke, 1" top choke. 2550' water cushion. Tool opened at 4:15 P.M., 2/13/52, w/good blow, increasing to good steady blow throughout test. Tool open 1 hour. Shut in 15 minutes for bottom hole static build-up.

RECOVERY:

Water cushion	2550'
Gas cut drilling mud	990'
Drilling mud cut w/oil & gas	180'
Drilling mud heavily cut w/oil & gas	270'
Drilling mud very heavily cut w/oil & gas	360'
Drilling mud very heavily cut w/oil & gas (40% oil)	360'
Oil heavily cut w/mud and gas (65% oil)	280'
Drilling mud & water heavily cut w/oil & gas	20'
Total fluid recovered	5010'

BOTTOM HOLE PRESSURE BOMB DATA:

Initial hydrostatic pressure	5900 psi
Initial & minimum bottom hole flowing pressure	1425 psi
Tool open 1 hour:	
Final & maximum bottom hole flowing pressure	2325 psi
Shut in 15 minutes:	
Bottom hole shut-in pressure	4700 psi
Final hydrostatic pressure	5800 psi

REMARKS:

Bottom hole flowing pressure increasing steadily throughout test. Bottom hole shut-in pressure became static very shortly after closing tool. Water recovered evidently result of mud filtration.