

DRILL STEM TESTS

No.1: Wolfcamp, Total Depth 10812, Johnston Packer Set at 10768',
5/8" Bottom Choke, 2000' Water Cushion, Tool open 2 hours,
Gas to surface in 33 minutes, 97 MCFD. Recovered 97'
Heavily Oil & Gas cut Mud.

Pressures:
Initial Shut In 3200#
Hydrostatic In 5185#
Hydrostatic Out 5145#
Initial Flow 485#
Final Flow 720#
30" Closed In 3125#

No.2: Penna. Total Depth 11532, Johnston Packer set at 11436',
1/2" Bottom Choke, 2000' Water Cushion, Tool open 2 hours,
Gas to Surface 52 minutes, rate 107 MCFD. Reversed Out
2000' Oil & Gas cut water cushion, 1800' Oil, 4% Mud, 310'
Heavily Oil & Gas cut Mud.

Pressures:
Hydrostatic In 6195#
Hydrostatic Out 6155#
Initial Flow 1100#
Final Flow 1585#
30" Closed In 3445#

No.3: Penna. Total Depth 11572, Johnston Packer set at 11529,
2000' water Cushion, 1/2" Bottom Choke, 2000' Water Cushion,
Tool open 1-hour, very weak blow 1 minute and died.
Recovered 2000' slightly Oil and Gas cut Water Blanket,
30' slightly Oil and Gas cut Mud.

Pressures:
Initial Closed In 1305#
Hydrostatic In 6195#
Hydrostatic Out 6115#
Initial Flow 940#
Final Flow 960#
30" Closed In 3650#

