

DRILL STEM TESTS

<u>Date</u>	<u>Operation</u>
7-19-53	DST (Wolfcamp) 9808-9905, Open Hole, 1" SC, 5/8" BHC, No WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec. 900' slightly sulphur water cut drlg. mud, 3269' slightly mud cut salt water & 660' salt water. SFP 0, BHFP 355-2120#. Closed 15 min., SIP 3845#, HH 4745# in & 4635# out.
7-19-53	DST (Wolfcamp) 9913-9936, Open Hole, 1" SC, 5/8" BHC, No WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec. 180' drlg. mud, 90' drlg. mud out w/sulphur & saltwater & 30' salt & sulphur gas cut drlg. mud. SFP 0, BHFP 800-500#. Closed 15 min., SIP 3800#. HH 4710# in & out.
7-20-53	DST (Wolfcamp) 9940-9984, Open Hole 1" SC, 5/8" BHC, No WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec. 120' salt water & sulphur gas cut mud, SFP 0, BHFP 35#. Closed 15 min. SIP 3755#. HH 4715# in & out.
7-27-53	DST (Permo Penn) 10160-10198, Open Hole, 1" SC, 5/8" BHC, 1000' WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec. 1000' of water cushion (All). Rec. 40' drlg. mud, no show, SFP 0, BHFP 480-505#. Closed 15 min., SIP 3410#. HH 4830# in & out.
8-2-53	DST (Permo Penn) 10290-10319, Open Hole, 1" SC, 5/8" BHC, No WC, Time 1 hr., w/2 pkrs., Nothing to surface, Rec. 5' drlg. mud, No show. All pressures 0, HH 5025# in & out.
8-2-53	DST (Permo Penn) 10316-10350, Open Hole, 1" SC, 5/8" BHC, 1000' WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec. 1000' WC (All), Rec. 125' drlg. mud w/no show. SFP 0, BHFP 0, Closed 15 min. SIP 200#. HH 5040# in & out.
8-9-53	DST (Penn) 10590-10652, Open Hole, 1" SC, 5/8" BHC, 1000' WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec. 1000' WC (All), Rec. 90' drlg. mud, no show, SFP 0, BHFP 500-560#. Closed 15 min. SIP 2575#, HH 5090# in & 4935# out.
8-10-53	DST (Penn) 10680-10710, Open Hole, 1" SC, 5/8" BHC, 1000' WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec. 1000' WC (All), Rec. 30' heavy gas out mud, plus 60' drlg. mud, SFP 0, BHFP 535#. Closed 15 min., SIP 300#. HH 5120# in & 5095# out.
-13-53	DST (Penn) 10714-10790, Open Hole, 1" SC, 5/8" BHC, 1100' WC, Time 2 hrs., w/2 pkrs, Nothing to surface, Rec. 1100' WC (All). Rec. 275' of salt & sulphur water. SFP 0, BHFP 0, Closed 15 min., SIP 600#. HH 5200# in & out.
-23-53	DST (Penn) 10925-10991, Open Hole, 1" SC, 5/8" BHC, 1200' WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec. 1200' WC (All), Rec. 60' drlg. mud, no show. SFP 0, BHFP 605#. Closed 15 min. SIP 660#. HH 5215# in & 5100# out.
23-53	DST (Penn) 10993-11030, Open Hole, 1" SC, 5/8" BHC, 1400' WC, Time 1 1/2 hrs, w/2 pkrs, Nothing to surface, Re. 590' WC, 690' Gas out WC, 120' gas & mud out WC, & 90' gas out mud., SFP 0, BHFP 620#, Closed 15 min. SIP 620#. HH 5220# in & out.
26-53	DST (Penn) 11048-11101, Open Hole, 1" SC, 5/8" BHC, 1400' WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec. 1400' WC (All), Rec. 50' drlg. mud, no show., SFP 0, BHFP 700#. Closed 15 min. SIP 700#, HH 5320# in & out.
-53	DST (Penn) 11460-11532, Open Hole, 1" SC, 5/8" BHC, 1460' WC, Time 1 hr., w/2 pkrs, Nothing to surface, Re. 1460' WC (All), Rec. 90' slightly gas cut drlg. mud, SFP 0, BHFP 700#. Closed 15 min. SIP 700#, HH 5620# in & 5560# out.
-53	DST (Penn) 11650-11670, Open Hole, 1" SC, 5/8" BHC, 1360' WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec 1360' WC (All), Rec. 120' drlg. mud, no show. SFP 0, BHFP 620#. Closed 15 min. SIP not recorded, HH 5700# in & out.
1-53	DST (Penn) 11685-11735, Open Hole 1" SC, 5/8" BHC, 1260' WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec. 1260' WC (All). Rec. 10' very slightly gas out mud. No show of oil, SFP 0, BHFP 860#. Closed 15 min. SIP 925#. HH 5780# in & 5590# out.
1-53	DST (Lower Penn) 12145-12162, Open Hole, 1" SC, 5/8" BHC, 2000' WC, Time 1 hr., w/2 pkrs, Nothing to surface, Rec. 2000' WC (All), Rec. 30' drlg mud, no show, SFP 0, BHFP 1085#. Closed 15 min. SIP 1130#. HH 6150# in & 5995# out.

