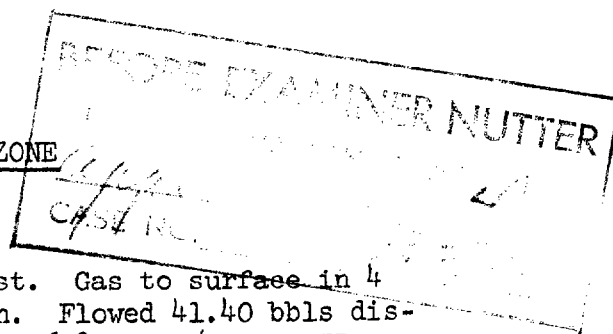


DRILL-STEM TEST DATA
BAGLEY UPPER PENNSYLVANIAN GAS ZONE



Caudle #2 (#2) DST 8565-8717'. 4-hr test. Gas to surface in 4 min, mud and distillate, 8 min. Flowed 41.40 bbls distillate in 4 hours. Gas volume 6,850 Mcf/day. FFP 1575#. BUP 3050#.

Caudle #3
NE NE 10 (#1) DST 8665-8722' - Gas to surface in 3 min, oil in 16 min. Flowed 79.96 BO/4 hrs. Gas volume 1,672 Mcf/day. FFP 840#. BUP 2770#.

Caudle #4
SE SE (#1) DST 8644-8765'. Gas to surface in 6 min, distillate in 2 hrs 5 min. Flowed 10.61 bbls dist/4 hours. Gas volume 2,543 Mcf/day. FFP 1350#. BUP 2785#.

Caudle #7 (#1) DST 8585-8665' - Gas to surface in 3 min, distillate in 10 min. Flowed 37.62 bbls dist/4 hours. Gas volume 6965 Mcf/day. FFP 1970#. BUP 3060#.

Chambers #2 (#1) DST 8665-8723' - 4-hr test - no show.

Mathers #1 (#2) DST 8610-8675' - gas to surface in 3 min, volume diminished from 71 Mcf/day to 36 Mcf/day at end of 4-hr test. Rec. no oil or water. FFP 100#. BUP 855#.

Mathers #2
SE SE (#1) DST 8645-8715'. Gas to surface in 4 min, oil in 35 min. Flowed 89.16 bbls distillate in 4 hrs, gas volume 802 Mcf/day. FFP 1150#.

Mathers #3
NW SE
Mathers "A" #2 (#1) DST 8644-8725', no show - 4-hr test.
(#1) DST 8615-8670' - gas to surface in 3 min. Distillate in 31 min. Flowed 26.58 bbls dist/4 hrs. Gas volume 3436 Mcf/day. FFP 1100#. BUP 2950#.

Mathers "B" #1 (#1) DST 8580-8690' - gas to surface in 7 min, mud in 40 min, oil in 50 min. Flowed 100.77 bbls oil & trace BS&W in 4 hrs, gravity 46.7 corrected, IFP 555#, FFP 850#, BUP 2145#.

Simmons #1
NW SE (#1) DST 8675-8726' - gas to surface in 6 min, volume diminished from 138 Mcf/day to 67 Mcf/day at end of 4-hr test. FFP 0#, BUP 1230#.

State BT "A" #2 (#1) DST 8580-8771', no show in 4-hr test.

State BT "I" #1 (#1) DST 8585-8771', no show in 4-hr test.

State BT "K" #1 (#1) DST 8586-8672' - gas to surface in 3 min, distillate in 6 min. Flowed 35.92 bbls dist/4 hrs, gas volume 5420 Mcf/day. FFP 1630#, BUP 2970#.