

DRILL STEM TEST

State "AV" No. 1

DRILL STEM TEST NO. 1 - From 9950 to 10004 (54') Wolfcamp. 1" TC, 1" BC, air to surface immediately, recovered 145' slightly gas cut drill mud, titrates 2000 ppm, pit mud titrates 1000 ppm, IFP 35, FFP 70, SIP 135, S.I. 30 min. 4685 mud column. Tool open 1 hr., died after 45 min.

DRILL STEM TEST NO. 2 From 10678 to 10748 (70') Saunders lime, tool open 4 hrs., 1" TC, 5/8" BC, air to surface immediately, gas 25 min., gas sweet. Recovered 730' fluid being 190' slightly oil and gas cut mud, 540' heavily oil and gas cut mud. Fair blow throughout test. IFP 150#, FFP 325#, SIP 3600#, shut in 30 min., MCP 5225# out.)

DRILL STEM TEST NO. 3 Saunders Lime, tested 10747 to 10825 (78'), tool open 1 hr., 1" TC, 5/8" BC, air to surface immediately. Died after 15 min. Recovered 5' slightly gas cut drlg. mud. IFP 0#, FFP 0#, SIP 0#, shut in 30 min., MCP 5125.

DRILL STEM TEST NO. 4 Saunders lime, from 10827 to 10900 (73'). Tool open 2 hrs., 1" TC, 5/8" BC, air to surface immediately, gas in 38 min. (TSTM, Sweet). Recovered 1721', being 95' drlg. mud, 1086' heavy oil and gas cut water, 540' salt water, 42,000 ppm Cl., mud 1000 ppm. Might have been free oil on top, string unloaded. IFP 275#, FFP 675#, SIP 3000#, shut in 30 min., MCP 5450#.

1.02 47.2" eja-1

30000, shut in 30 min., MOP 54504.
have been free oil on top, string unloaded. TWP 2324, TWP 6724, SIP
and gas cut water, 520' salt water, 45,000 ppm Cl., and 1000 ppm. Nitrogen
(TSM, Sweet). Recovered 171', being 92' drils. and, 1086', heavy oil
open 2 hrs., 1" TC, 5/8" BC, air to surface immediately, gas in 38 min.
DAILY STEAM TEST NO. 4 Saunders Line, from 10827 to 10900 (73'). Tool