

SOUTH WILLOW DRAW "A" COM. NO. 1
EDDY COUNTY, NEW MEXICO

- DST No. 1: (7,269' - 7,429', WC) Strong blow immediately, GTS 3½ min. Flow at 225 psi, 3/8" choke, 800 MCF & increased to 350 psi, 1/2" choke, 2,180 MCF. Surf flowing press decreased at end of final flow period. Rec 1 BC @ 57° API @ 60° F. & 3 Bbls drlg fluid. Hydro in 3,283 psi, 11 min preflow IFP 330-533, 1-1/2 hr ISIP 3,055, 67 min FFP 533-1255-771, 3 hr FSIP 2,675, hydro out 3,410 psi. Sample chamber Rec 3-1/2 CFG, 90 cc distillate, 110 cc drlg fluid, 0 water, @ 560 psi.
- DST No. 2: (7,653' - 7,751', WC) Weak blow increasing to fair blow. No GTS. Rec 2,139' drlg fluid due, to drlg pipe leak above tools. Sample chamber rec, 2,100 cc drlg fluid, 0 gas, 0 psi. Hydro in 3,623 psi, 1/2 hr preflow IFP 249-303, 1-1/2 hr ISIP 392, 1-1/2 hr FFP 498-657, 3 hr FSIP 675, hydro out 3,623 psi.
- DST No. 3: (8,547 - 8,682', Strawn) Weak blow on preflow, strong blow increased to 8 psi on 1/4" ck, GTS 50 min, TSTM, zero press at end of final flow. Rec 2,235' DF. Sample chamber 1.45 cf gas at 700 psi & trace of mud. Hydro in 4,086 psi, 1/2 hr preflow IFP 288-356, 1-1/2 hr ISIP 1,311, 1 hr 10 min FFP 427-657, 3 hr FSIP 1,950, hydro out 4,086 psi, BHT 150° F.
- DST No. 4: (9,700' - 9,830', Morrow) GTS 70 min, flowed 7.8 MCFPD. Rec 291' DF. Sample chamber rec, 1,530 cc DF. Hydro in 4,765 psi, 21 min IFP 140-165 psi, 1-1/2 hr ISIP 2,560, 1 hr 28 min FFP 140-190 psi, 4 hr FSIP 3,282 psi, hydro out 4,765'.
- DST No. 5: (9,800' - 10,004', Morrow) To 1 hr 20 min, no GTS, weak blow throughout. Rec 1,806' DF. Sample chamber rec .54 cf gas, 1,780 cc DF @ 250 psi. 20 min IFP 239-290, 1-1/2 hr ISIP 4,685, 1 hr FFP 444-542, 2-1/2 hr FSIP 4,808, hydro in & out 4,808, BHT 193° F.