

2/11/82 6630

Day-21. TD - Prep to flow well.  
RD Otis stationary snubbers & counterweights. RU Dowell to tbg. Pmpd 137 bbls 10 ppg brine wtr against chk & killed well. Pmpd 30 bbls more & circ 10 ppg brine around. Landed 211 jts 2-3/8" tbg (6459.26') w/Otis "N" nple 1 jt up (0.9'), expendable chk valve on btm (0.82'). Total string 6461.08' + 12' KB. Landed tbg @ 6473.08' RKB. RD Otis BOP & rig BOP. Well dead. NU tree. Dropped ball & pmpd out chk valve. RU Howco N<sub>2</sub> to tbg. Displ'd brine f/tbg & csg w/N<sub>2</sub>. Well KO. SI due to darkness. SDON.

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Day-22. TD - FINAL REPORT - COMPLETED SI GAS WELL, Dak fm, 2/11/82.  
In am SITP 2490 psi, SICP 2259 psi. Opnd on 3/4" adj chk w/1" orifice critical flow prover thru tbg. Blew dry gas or N<sub>2</sub> f/5 min, then decr'd & unloaded solid fld f/3 min, then gas w/mist of wtr & some condensate. After 1/2 hr rate 11,031 MCFD w/865 psi TP & 490 psi @ prover. In 1 hr, 11,470 MCFD w/887 psi TP & 511 psi @ prover; in 1-1/2 hrs rate 11,755 MCFD w/910 psi TP & 524 psi @ prover; in 2 hr rate 11,930 MCFD w/919 psi TP & 528 psi @ prover. Well unloading hvy fog thruout tst. During last 1-1/2 hrs of flow, CP incr'd f/1725 psi to 1885 psi. Shut well in @ 12:30 pm 2/11/82. 15 min SITP 2524 psi, SICP 2525 psi. Rel'd CU 1:00 pm 2/11/82. RD. Delay move out because of 6" snow. Dakota "D" zone perms 6526-6536'. Flowd after 2 hrs 11930 MCFD f/Dakota perms 6526-6536' w/919 psi TP & 528 psi @ prover, unloaded hvy fog. LPP 6536'.