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HANSEN STATE #7  
330' FNL & 1650' FEL  
SECTION 16, T-20-S, R-37-E  
LEA COUNTY, NEW MEXICO

6/25/97 - MIRU McVay #4, spud 12 1/4" hole @ 1245 hrs., drilled to 1166'. Ran 28 jts, ~~8 5/8'~~ 24#, K-55, STC casing to 1166'. TX pattern shoe @ 1164', float collar @ 1119'. Cemented surf csg w/490 sx PremPlus w/2% CACI2, 4% gel, WT - 13.6, yield 1.70. Circ'd 257 sx to pit.

Cut conductor & 8 5/8". Installed 11" 3m x 8 5/8" SOW & tested weld to 500 psi.

NU 11" 3m dual ram & rotating head & annular w/3" 3m choke manifold. Tested blind & pipe rams to 200/1000 psi. TIH w/7 7/8" bit, total WOC - 16 hrs. Tested csg to 1000 psi. Drilled cement & float equipment.

Drilled formation to 7600', TD @ 1000 hrs. 7/14/97.

Logged well as follows:

CNL/DEN/DLL/MSFL/SONIC/FMI 7597' - 2500' CNL/GR/CAL to surface.

Ran 164 jts, ~~5 1/2"~~ 15.5# & 17#, K-55 LTC new csg to 7600', float shoe @ 7598', float collar @ 7502', DV @ 3394'. Cemented 1st stage w/665 sx PremPlus w/.6% HALAD9, 2% gel, 3 pps KCL, Wt - 14.8, yield 1.3. Dropped bomb & shifted tool, circ'd 10 sx cement. Circ'd w/rig pump 4 hrs. Cemented 2nd stage w/1320 sx Prem. POZ w/.6% HALAD9, 2% gel, 3pps KCL, Wt. - 12.4, yield 1.17. Circ'd 200 sx. Closed tool.

Set slips w/110K, installed 11" 3m x 7 1/16" tbg spool, tested seals to 1000 psi.

Released rig @ 0200 hrs. 7/18/97/