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EXPLORATION

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Spudded 17 1/2" surface hole behind cable tool spudder on April 19, 1981. Drilled to TD 428'. Ran 12 jts (439.74') 13 3/8", 48#, H-40, ST&C casing set @ 428'. Dowell cemented w/100 sx Class-H w/3% D-13 and 2% D-16 plus 450 sx Class-C w/2% CaCl and 1/4# Celloflake per sk. Circulated 60 sx to surface. P.D. @ 5:00 p.m. April 20, 1981. WOC 18 hrs. Tested 13 3/8" casing and BOP to 750 psi for 30 mins, held OK. Drilled 12 1/4" hole to TD 2557'. Ran 6 jts (252.48') 8 5/8", 32#, K-55, ST&C casing and 53 jts (2314.17') 8 5/8", 24#, K-55, ST&C casing set @ 2557'. Dowell cemented w/1500 sx GS-35 Poz w/3% CaCl, 4% gel & 10# Colite and 1/4# celloflake per sk plus 200 sx Class-C w/2% CaCl. Circulated 145 sx to surface. P.D. @ 1:15 a.m. April 25, 1981. WOC 18 hrs. Tested 8 5/8" casing and BOP's to 1800 psi for 30 mins, held OK. Drilled 7 7/8" hole to TD 8000'. Ran logs. Ram 99 jts (3988.22') 4 1/2", 11.60#, K-55, LT&C casing and 92 jts (4018.37') 4 1/2", 10.50#, LT&C casing set @ 7997', w/Dowell stage cementing collar at 3394'. Cemented 1st stage w/350 sx 50/50 Lt Poz-3 w/4% gel, 3# KCL & 1/4# celloflake per sk plus 200 sx Class-C w/3% D-108, 2/10% D-65 and D-46, 3# KCL per sk. Good circ thruout. P.D. on 1st stage at 4:30 p.m. 5-15-81 (circ 4 hrs), 2nd stage thru stage tool @ 3394' w/300 sx, 50/50 Lt Poz-3 w/4% gel, 3# KCL and 1/4# celloflake per sk. plus 200 sx Class-C w/3% gel, 3/10% D-108, 2/10% D-46 & D-65 and 3# KCL per sk. P.D. @ 10:15 p.m. 5-15-81. Good circ thruout. Drilled out stage collar at 3394' w/drilling rig on 5-17-81. (WOC 30+ hrs before drilling stage collar. Tested 4 1/2" casing to 1500 psi for 30 mins, held OK)

Moved in completion unit on 5-19-81. Perforated Bone Springs @ 7204', 28,38,54,74,94', 7308', 22,40,52,66,78', 7420', 36,46,66,74', 7501', 52,59,72,82,92', 7604', 12,20,52, 59,66' & 7890' (30 holes). Treated w/1500 gals, 15% acid. Fraced w/41,000 gals and 69,000# sand on 5-28-81. Perforated Bone Springs @ 6842', 52,60,81,90,98', 6914', 25,31,40,49,56,66,76,90,97', 7011', 24,29,55,68,73,95', 7102', 09,26,34,50,58,65', (30 holes). Treated w/4,500 gals 15% acid. Fraced w/84,000 gals and 200,000# sand on 6-10-81. Perforated Bone Springs @ 6412', 23,30,32,53,70,78,85', 6502', 14,29,46,57, 67,76,90;, 6614', 25,39,45,54,67,80,86,94', 6704', 17,30,59,70' (30 holes). Treated w/3,800 gals, 15% acid. Fraced w/69,400 gals and 265,000# sand on 6-25-81. Well is now awaiting production testing.