OPERATOR HYTECH FARM DALCO WELL #1

DATE	STATUS
3-4-78	Drlg @ 9518' in lm & Dolo. Mde 113'/24 hrs. Dev - 1° @ 9438', MW-9.8#, Vis-36, Ph-9, Oil-4%, Cl-135,000 ppm. Bit #9-633'/91-3/4 hrs (J-77), Bit #10 - 80'/11½ (J-44). DR-25 Days
3-5-78	Drlg @ 9703' in Lm & Sh. Mde 185'/24 hrs. Bit #10-265'/35 hrs. MW-9.9#, Vis-36, pH-9, WL-20, Oil-5%, Cl-100,000 ppm. DR-26 Days
3-6-78	TD - 9814', Bit #10 - 376'/48½ hrs. Mixed 50 sx gel, 20 sx starch, 10 BO & hauled 2 lds wtr. CMC-$7508. MW-9.5#, Vis-37, pH-7.5, WL-24, Cl-100,000 ppm, Oil-5%. Prep to run DST #1-9790'-9814'. Making up DST tools. DR-27 Days
	NOTE: Bough C wtr analysis from area well - CL-80,000 ppm, Density-8.9#, CA-8000, pH-6
3-7-78	Drlg @ 9868' in Lm & Sh, mde 54'/7 hrs. Bit #10 - 430'/55½ hrs. MW-9.5#, Vis-38, pH-7.5, 100,000 Cl. WL-22. Added 15 sx gel, 5 starch, 2LW/ 107TLW: From yesterday, ran DST #1 in Bough "B" zone 9790'-9814'. RIH w/Hall test tools & dual pkr. Set bottom pkr @ 9790' (pkrs slid 8' to btm). Open tools for 30" init flow-fair blow immed, inc to strong blow in 5", & rem so for IF. SI 60" & opened on 60" final flow. Weak blow immed inc to strong blow in 30" & rem so for FF period. SI 2 hrs. POH w/DST tools, no shows of gas or oil. Rec 30' of 10.2# brine & cuttings below circ sub. Circ sub failed & DP rec lost. Splr had 1900cc, 10.2# brine @ 150#, no shows. IHP/FHP-4828, IFP-350#-481#, ISIP-2625#, FFP-481#-7-0#, FSIP-2450#. RIH w/bit & resume drlg @ 12 M.N. (CST). DR-28 Days
3-8-78	Picking up tools for DST #2. Drilled to 9988' in Lm, 120'/13½ hrs. ST - 9888' @ ½°, Bit #10, J-44, 550' in 59 hrs, MW-9.5#, Vis-39, pH-9, WL-18. Mixed 25 gel, 8 starch, 2 caustic soda. Circ samples 2½ hrs @ 9977'. Drilled to 9988' @ 10 p.m. (MST). Circ for DST #2, 4 hrs, trip out 4 hrs, to set pkr @ 9942', 46' of test. DR-29 Days
3-9-78	Drlg @ 10,048' in Lime, mde 60' in 8-3/4 hrs. Bit #10, 610'/77¼ hrs. Vis-37, MW-9.6#, pH-8, WL-19. ROP-8 fph. DST #2 results zone 9942'-88', RIH w/Hall DST tools, set btm pkr @ 9942', opened tool & slid pkrs 12' to btm. Took 30" preflow w/WAB inc to FAB, SI 60". 60" FF w/FAB T/O test, SI 120". No gas odor or GTS. POH, no rec except 30' muddy fmn wtr (60,000 Cl) (rupture disc in circ sub failed). Sampler had 1900 cc of muddy SW (62,5000 ppm Cl), @ 140#, NS of oil or gas. IHP/FHP-590#, IF-136#/364#, ISIP-3045#, FF-364#/546#, FSIP-3045#. BHT-146°F. Pit spl-107,000 ppm Cl. RIH w/bit & resumed drlg. Had 10' fill. 15¼ hrs DW. DR-30 Days.
3-10-78	Drilg @ 10,260' in Lm, 212'/24 hrs. Bit #10-822'/97¼ hrs. MW-9.7#, Vis-37, pH-9, WL-24, 3% oil, 3LW/110 TLW, 25 sx gel, 5 starch. ST-9988'-½°. DR-31
3-11-78	Drlg @ 10,463' in Lm & Sh, 203'/24 hrs. Bit #10, 1025'/125¼ hrs. Vis-38, MW-9.7# pH-9, WL-27, 1LW/111 TLW, 15 sx gel, ROP-8 fph. DR-32 Days
3-12-78	TD - 10,500', Running O.H. logs: Drilling to TD @ 12 N, 3/11/78. Circ & cond mud 4 hrs, MW-9.6#, Vis-43, WL-17, 2.9% oil, added 46 sx gel & 23 starch. 1LW/112TLW. POH, by Welex commence logging. LTD-10,510. DR-33 Dys
3-13-78	TD - 10,500', plugging well: Welex compl logging, ran GR/CDL/Neutron log & Guard/FORXO logs. LDDC & RIH w/DP-open ended to TD. Circ & WOOO 4 hrs. Start plugging operations. SPOt 40 sx ea @ 10,400'-10,500', 9400'-9500', 8220'-8320'. Will spot add'l plugs & rec 8-5/8" csg. DR-34 Days
3-14-78	Cont plugg-40 sx plug @ 7716'-7616', 40 sx plug @ 5280'-5180', 40 sx plug @ 4084'-3984'. Strip BOP off, weld on 8-5/8" csg, 24#, pull slips - Dia-Log ran free pt csg 60% free @ 1040'. Stuck solid frm 1050' on. Shot off @ 1063', rec 26 jts & shot off 1 jt. Set 40 sx plug @ 1063'-963', 40 sx plug @ 385'-285'. RR @ 1:00 a.m., 3/14/78. Will spot surface plug after rig moves.
3-15-78	Waiting on rig to move out.