

PERC**WELL CHRONOLOGY REPORT****REPORT DATE : 10/9/97**

DAILY DETAILS : PU 4 3/4" BIT. TIH & TAG BOTTOM AT 6566'. TOH & LAY DOWN BIT. RU PRO-LOG. RIH. GET ON DEPTH W/COLLAR LOG. SET CIBP AT 4920'. RD PRO-LOG. PU HD PKR, TIH TO 4550'. SIW & SDFN. PREP TO SQUEEZE.

REPORT DATE : 10/10/97

DAILY DETAILS : LOWER PKR TO CIBP. SET PKR. RU BJ SERVICES. PRESSURE CIBP TO 1000#, HELD. RLS PKR. PULL PKR UP TO 4568'. SET PKR. LOAD CSG W/42 BFW, PRESSURE 500#. BJ ESTABLISH INJECTION RATE 2 1/2 BPM 220#. BJ SQUEEZED PERFS AT 4856' - 4867' W/50 SX CLASS "C" + 4% FL-62 + 2% CD-32. TAIL SLURRY 50 SX CLASS "C" + 1% CACL. START SLURRY AT 3 BPM WITH 5 BL CEMENT IN FORMATION, HAD 3 BPM 150#. SLOW RATE TO 1 1/2 BPM. AFTER 20 BL DISPLACEMENT SQUEEZED PERFS TO 750#. SUT DOWN. PRESSURE BLED DOWN TO 520#. ROLLED PUMPS OVER, PRESSURE 750#. SD. PRESSURE BLED TO 590#. ROLLED PUMPS TO 750#. SD. FORMATION HELD 680#. OPEN BY-PASS ON PKR. REVERSE TBG CLEAN W/33 BL WATER. RLS PKR. PULL 10 STD. SET PKR. PUMP 3 BLS WATER. PRESSURE 750#. SIW. SD FOR 4 HOURS. RU WEATHERFORD REVERSE UNIT. T-200. OPEN WELL. RLS PKR. TOH & LAY DOWN PKR. PU 4 3/4" BIT, BIT SUB, 6 - DC'S. TIH & TAG UP AT 4390'. CEMENT CAME UP HOLE 178'. PU SWIVEL. WASH & DRILL CEMENT 4474'. CIRC CLEAN. PU 1 JT. CLOSE BOP. PRESSURE TO 700#. SDFN.

REPORT DATE : 10/11/97

DAILY DETAILS : NO PRESS ON WELL. START DRLG @ 4474'. DRL CMT TO 4650'. FELL THROUGH CMT. LOWER BIT TO 4870'. DRL 15' CMT TO 4885'. FELL THROUGH. LOWER BIT TO 4996'. PULL UP ABOVE PERFS. PRESS UP ON SQZ TO 700#. PRESS BLED OFF IN 2 MIN. PRESS TO 600#. PRESS BLED OFF IN 1/2 MIN. ESTABLISH INJECTION RATE: 1 1/4 BPM @ 900# AND 1 1/2 BPM @ 1100#. TOH AND STAND BACK COLLARS. TIH W/REDRESSED PKR., SET PKR @ 4564'. SDFWE.

REPORT DATE : 10/12/97

DAILY DETAILS : SDFWE.

REPORT DATE : 10/13/97

DAILY DETAILS : SDFWE.

REPORT DATE : 10/14/97

DAILY DETAILS : RU BJ SERVICES. LOAD GAS & PRESS 500#. ESTABLISH INJ RATE 2 1/2 BPM 1500 #, 3 BPM 2000#. BLED PRESS. WELL CHARGED UP TO 600#. BLED PRESS TO PIT TO ! PSI. SI TBG. PRESS BUILT TO 600#. BJ SQZD PERF @ 4856 - 4867' W/40SX CL C 4/10% FL-62 + 2/10% CO-32. TAILED W/40 SX CL C + 2% CACL. PMP CMT 2BPM 1100#. SD WASH LINES. DISPLACE CMT 2 BPM 1900# W/4BLS DISPLACEMENT LEFT TO TOP PERF. SQZ TO 1970#. SD, WAIT 10 MIN. PMP 1BL @ 1/4 BPM. SQZ TO 2360#. SD, WAIT 5 MIN. ROLLED PMP OVER. SQZ TO 2560# & HOLDING. SIW. RD BJ. SDFN.