

JAMES RANCH UNIT NO. 71

PUMPED 694 BARRELS OF CEMENT

DROPPED TOP PLUG

PUMPED 24 BARRELS OF 10% ACETIC ACID CONTAINING 2 GALLONS OF LT-32 AND 6 GALLONS I-8
PUMPED 236 BARRELS OF 2% KCL WATER CONTAINING 1 GALLON PER 1000 GALLONS OF CLAYMASTER
5 AND 1 GALLON PER 1000 GALLONS OF NINE-40.

DISPLACEMENT OF CEMENT: @ 9.5 TO 7.0 BARRELS PER MINUTE

DISPLACEMENT PSI INCREASED FROM 450 TO 3300 PSI.

DISPLACED WITH 0 BARRELS OVER CALC. DISPLACEMENT

DID BUMP PLUG TO 3500 PSI.

RELEASED PRESSURE TO FLOAT ----- FLOAT HELD

DID NOT HAVE TO REPRESSURE UP.

TIME AND DATE JOB COMPLETED: 3:36 A.M. 10-10-1994

RETURNS DURING CEMENTING JOB: VERY GOOD

PIPE MOVEMENT: RECIPROCATED PIPE WHILE CIRCULATING BOTTOMS UP.

PIPE MOVEMENT DURING CEMENTING JOB: RECIPROCATED PIPE UNTIL FRONT OF NITRIFIED
WATER WAS HALF WAY UP THE ANNULUS. THEN
CLOSED HYDRIL.

WEIGHT OF CASING AFTER CEMENTING: 184,000 POUNDS

WEIGHT HUNG ON CASING SLIPS: 100,000 POUNDS

CEMENT UP: SURFACE

REMARKS: CIRCULATED 60 SACKS OF CEMENT TO THE RESERVE PIT.