

2-1-27w

APRIL 29, 1980: MOVE IN, RIG UP GIBSON WELL SERVICE.

APRIL 30, 1980: RUN GAMMA RAY, CASING COLLAR CORRELATION LOG. ACID CHANNEL BASE LOG AND ACOUSTIC CEMENT BOND LOG. PBDT: 3380'. GOOD CEMENT BOND. CEMENT TOP: 2847'. PERFORATE THE INTERVAL 3229' THRU 3231', A SAND ZONE, WITH 5 HOLES DP JET CHARGES. SWAB CASING DRY. CHECK FOR FILLUP IN 1 HR. 8' OF SWAB TOOLS OILY. PERFORATE THE INTERVALS 3300' THRU 3306', C LIME ZONE, WITH 12 HOLES; 3256' THRU 3260', B LIME ZONE, WITH 9 HOLES; 3218' THRU 3220', A LIME ZONE, WITH 5 HOLES DP JET CHARGES. RUN CASING SWAB, NO FLUID FILLUP. SHUT WELL IN.

MAY 1, 1980: SLIGHT BLOW ON CASING. RECOVER 60' OIL SWABBING OFF BOTTOM. RUN 100 JTS. 2" EUE 4.7# J-55 TUBING WITH STRADDLE PACKERS. SET PACKERS AT 3238' AND 3224', A SAND ZONE. PUMP 10 BBL. CRUDE OIL WITH 25 GAL. AMERLITE 100 CHEMICAL, FOLLOW WITH PRODUCED SALT WATER. PRESSURE FORMATION TO 1550 PSI. BLED TO 1350 PSI. AND BROKE TO 650 PSI. DISPLACE OIL AT 3/4 BPM, 750 PSI.. ISIP: 600 PSI. TO 500 PSI. IN 10 MIN. RELEASE PACKERS, RESET AT 3224' AND 3210', A LIME ZONE. PUMP INTO ZONE AT 500 PSI. DISPLACE 1500 GAL. 15% CRA ACID AT 2 1/2 BPM, 750 PSI. 3 1/2 BPM, 1000 PSI. AND 4 BPM, 1100 PSI. ISIP: 600 PSI. TO 450 PSI. IN 10 MIN. SHUT WELL IN.

MAY 2, 1980: FLUID AT SURFACE IN TUBING, NO PRESSURE. SWAB TUBING TO 3200'. RECOVER ACID WATER AND GAS. 1/2 HR. SWAB RECOVERED 200' FILLUP, APPROXIMATELY 1 BTF. 15% OIL. ESTIMATE A LIME ZONE PRODUCTION AT 1/2 BOPH. RESET PACKERS AT 3238' AND 3224', A SAND ZONE. SWAB TUBING TO BOTTOM. FLUID LEVEL 1500' OFF BOTTOM. FIRST SWAB RECOVERED 1500' FLUID, GOOD SHOW OF OIL. 30 MIN. SWAB, 1400' FUID, 20% OIL; 30 MIN SWAB, 1100' FLUID, 10-15% OIL; 30 MIN SWAB 1200' FLUID, 10% OIL. 30 MIN SWAB, 1150' FLUID, 5-10% OIL. NO SAND. RESET PACKERS AT 3309' AND 3296', C LIME ZONE. SWAB TUBING TO BOTTOM. PUMP 200 GAL. 15% CRA ACID, DISPLACE WITH SALT WATER. HAD COMMUNICATION WITH ANNULUS WITH 3 BBL. ACID IN FORMATION. BREAK FORMATION AT 1550 PSI. TO 1250 PSI. AT 1 BPM, 600 PSI. ON 3 BBL. ACID. SUSPECT PACKER FAILURE. RESET PACKERS AT 3267' AND 3252', B LIME ZONE. PUMP 200 GAL. 15% CRA ACID DOWN TUBING AT 2 BPM, 600 PSI. ANNULUS COMMUNICATED WITH 3 BBL. ACID IN TUBING. SHUT IN CASING AND DISPLACE ACID AT 3/4 BPM, 600 PSI. ISIP: 500 PSI. RELEASE PRESSURE, PULL TUBING AND PACKERS. NO VISIBLE SIGN OF PACKER FAILURES.

2-1-27w

WELL COMPLETION

No. 2 - 134 WYATT

Av  
B

MAY 3, 1980: NO PRESSURES. RUN 100 JTS. 2" EUE 4.7# J-55 TUBING WITH A R-4 TENSION PACKER. SET PACKER AT 3245', ABOVE B AND C LIME ZONES, 15 POINTS TENSION. SWAB TUBING TO PACKER AND SWAB TEST 2 HRS. ESTIMATE 2 TO 3 BOPH, TRACE OF WATER. PUMP 1000 GAL. 15% CRA ACID AT 4 BPM CONTINUOUS RATE, FORMATION BROKE FROM 1500 PSI. TO 1200 PSI. SPOT 300# BENZOIC FLAKE PLUG. PRESSURE INCREASED TO 2250 PSI. WITH PLUG ON FORMATION. PRESSURE DECREASED TO 750 PSI. ON 1000 GAL. ACID. SPOT SECOND PLUG, 450#, PRESSURE INCREASED TO 2600 PSI. SLOWLY DECREASED TO 2200 PSI. AND BROKE TO 750 PSI. ON 1000 GAL. ACID. SPOT 500# PLUG, DISPLACE AT 2400 PSI. INTO FORMATION. DISPLACE REMAINING ACID AND SALT WATER FLUSH AT 650 PSI. ISIP: 600 PSI. TO 450 PSI. IN 30 MIN. SHUT WELL IN. USE 1500 GAL. ACID IN A LIME ZONE. USE 4500 GAL. ACID IN B AND C LIME ZONES.