

AMOCO PRODUCTION COMPANY
STATE HK #±
1980' FSL X 660' FWL, SECTION 6, T-24-S, R-25-E
EDDY COUNTY, NEW MEXICO

DST #1 MORROW 10330-10468

TOOL OPENED ON 6 MIN INITIAL PRE-FLW. INITIAL HYDROSTATIC 5424 PSI. INITIAL FLW PRS 695-708 PSI. 94 MIN INITIAL SHUT-IN PRS 4245 PSI. FINAL FLW PERIOD 60 MIN. FINAL FLW PRS 808-1071 PSI IN 60 MIN. 180 MIN FINAL SHUT-IN PRS 4251 PSI. FINAL HYDROSTATIC 5361 PSI. DP REC 837 FT DRILLING MUD X 1000 FT WATER CUSHION X 465 FT GAS CUT DRILLING FL. SAMPLE CHAMBER REC AT 270 PSIG 1.7 CU FT GAS X 1300 CC MUD. RESISTIVITY REC MUD .08 AT 60 DEGREES F X CHLORIDES 124800 PPM. PIT MUD SAMPLE .07 AT 60 DEGREES F X CHLORIDES 132000 PPM.

DST #2 INTERVAL TESTED 10475-10570

TOOL OPENED ON 10 MIN INITIAL PRE-FLOW. IFP 1025-1062 PSI. INITIAL HYDROSTATIC 5468 PSI. AVG CLOSED CHAMBER FLOW RATE 101 BBLS PER DAY. 60 MINS ISIP 4301 PSI. 60 MINS FINAL FLW PERIOD. FFP 1080-1155 PSI. AVG CLOSED CHAMBER FLOW RATE 129 BBLS PER DAY. 120 MIN FSIP 4190 PSI. FINAL HYDROSTATIC 5431 PSI. SAMPLE CHAMBER REC AT 500 PSIG of .7 CU FT OF GAS X 1850 CC WATER-PROBABLY FORMATION. RESISTIVITY OF REC WATER .08 AT 62 DEGREES F WITH CHLORIDE CONTENT 55121 PPM. RESISTIVITY OF PIT MUD .30 AT 64 DEGREES F WITH CHLORIDE CONTENT 133000 PPM. BHT 188 DEGREES F. DP REC 180 FT DRL FLUID X 2000 FT MUD CUT WATER CUSHION X 630 FT OF FORMATION CUT DRL FLUID.

DST #3 INTERVAL TST 10625-10660 MORROW

TOOL OPENED ON 5 MIN INITIAL PRE-FLW. INITIAL FLW PRS 621-639 PSI. INITIAL HYDROSTATIC 5378 PSI. 65 MIN INITIAL SHUT-IN PRS 4431 PSI. INITIAL AVG CLOSED CHAMBER FLW RATE 783 MCFD. 75 MIN FINAL FLW PERIOD. FINAL FLW PRS 767-1040 PSI. AVG CLOSED CHAMBER FLW RATE 637 MCFD. 173 MIN FINAL SHUT-IN PRS 4431 PSI. FINAL HYDROSTATIC 5342 PSI. OPEN TO SURF DURING FINAL FLW PERIOD ON 1/2" CH. STABILIZED FLW RATE 1349 MCFD. SURF FLW RATE WHEN FROM 2766 MCFD TO 1329 MCFD. DP REC 1000 FT W CUSHION MUD CUT X 1509 FT OF FORMATION CUT DRL FL. RESISTIVITY OF REC W .07 AT 56 DEGREES F. CHLORIDE CONTENT 119000 PPM. PIT MUD SAMPLE .07 AT 56 DEGREES F. CHLORIDES 119000 PPM. SAMPLE CHAMBER REC 2.91 CU FT GAS X 75 CC DRL FL AT CHAMBER PRS OF 500 PSIG.