

Amoco Production Company
State HE Com #1
1980' FSL & 1980' FWL Sec 11 T-19-S R-27-
Eddy County, NM

DST #2 6244-6284

TOOL OPEN 5 MIN PREFLOW. AVG CLOSED CHAMBER FLW RATE 12 MCFD.
INITIAL FLW PRS 91 PSI INCR TO 157 PSI. INITIAL
HYDROSTATIC 2872 PSI. INITIAL SI PERIOD 90 MIN.
INITIAL SI PRS 2787 PSI. FINAL FLW PERIOD 60 MIN. FINAL
FLW PRS 273 PSI INCR TO 573 PSI. AVG CLOSED CHAMBER
FLW RATE 124 BBLS/DAY. FINAL SI PERIOD 180 MIN. FINAL
SI PRS 2711 PSI. FINAL HYDROSTATIC 2782 PSI.
INTERPRETATION OF CHARTS INDICATES LOW
PERMEABILITY. SAMPLE CHAMBER RECOVERY OF .25 CU FT
OF GAS X TRACE OF OIL X 1410 CC SALT W. GRAVITY OF OIL
35.8 AT 60 DEGREES F. RESISTIVITY OF REC WATER .05
AT 90 DEGREES F. CHLORIDE CONTENT 116000 PPM. PIT MUD
SAMPLE RESISTIVITY .1 AT 90 DEGREES F. CHLORIDE CONTENT
40000 PPM. DP REC 30 FT OF FREE OIL X 850 FT OF FORMATION
WATER CUT MUD.

DST #3 INTERVAL TESTED 7448-7552

TOOL OPEN FOR 5 MIN INITIAL PRE-FLOW. INITIAL FLWG
BHP 100 PSI. INITIAL SI PERIOD 90 MIN. INITIAL SI PRS
557 PSI. FINAL FLW PERIOD 63 MIN. FINAL FLWG
BMP 90 PSI INCREASING TO 100 PSI. FINAL SI PERIOD 120 MIN.
FINAL SI PRS 348 PSI. INITIAL HYDROSTATIC PRS 3379 PSI.
FINAL HYDROSTATIC PRS 3387 PSI. VISUAL INTERPRETATION
OF CHART INDICATES VERY LOW PERMEABILITY. DP REC 2 FT
OF FREE OIL X 20 FT OF SALT W X 10 FT OF OIL CUT SALT W.
SAMPLE CHAMBER REC .41 CUBIC FT OF GAS AT 60 PSI.

DST #4 INTERVAL TESTED 7928-7970 FT WOLFCAMP

TOOL OPEN FOR 5 MIN INITIAL PREFLOW AVG CLOSED CHAMBER FLOW RATE
34 MCFD INITIAL FLOWING BHP 16 PSI INCREASING TO 30 PSI.
60 MIN. INITIAL SHUT-IN PRESSURE 2499 PSI INITIAL HYDROSTATIC
3484 PSI FINAL FLOW PERIOD 60 MIN. FINAL FLOW PRESSURE 30 PSI
INCREASING TO 58 PSI. AVG CLOSED CHAMBER FLOW RATE 24 MCFD.
120 MIN. FINAL SHUT PRESSURE 1903 PSI. FINAL HYDROSTATIC
PRESSURE 3484 PSI. DRILL PIPE RECOVERY OF 120 FT OF DRILLING MUD
RESISTIVITY .47 AT 80 DEG F. 20000 PPM CHLORIDES. PIT MUD
SAMPLE RESISTIVITY .50 AT 80 DEG F. CHLORIDES 21000 PPM
SAMPLE CHAMBER RECOVERY OF .70 CU FT OF GAS AND 100 CC MUD
AT 110 PSI.