

GREENWOOD PREGRAYBURG UNIT FEDERAL NO. 10
1980' FSL x 660' FWL, Section 27, Unit L, T-18-S, R-31-E
EDDY COUNTY, NEW MEXICO

DST RESULTS

DST NO. 1 11590-11620 MORROW. CLOASED CHAMBER TST TO EVALUATE
SN DRLG BREAK 11596-11613: ON 5 MIN INITIAL PRE-FLOW AVERAGE
CLOSED CHAMBER FLOW RATE OF 1187 MCFPD WAS CALCULATED WITH
INDICATIONS OF HIGH FLOW OF GAS. RAN 65 MIN ISIBHP WITH SURF
PRS STABILIZED AT 48.9 PSI IN 14 MINS. ON 155 MIN FINAL
FLOW AVERAGE CLOASED CHAMBER FLOW RATE OF 1680 MCFPD WAS
CALCULATED WITH SURF PRS INCREASING FROM 48.8 TO 135.5 PSI.
OPENED AT SURF ON 5/8" CH AFTER 4 MINS WITH RATE STABILIZED
AT 1750 MCFPD FOR LAST 90 MINS. RAN 160 MIN FSIBHP WITH SURF
PRS STABILIZED IN 45 MINS. RECOVERED 1500 DT OR 14.7 BBLS
CONDENSATE API GRAVITY 52 DEG AT 60 DEG F AND 270 FT OR 1.5
BBLS DRLG MUD WITH CHLORIDES 100000 MPL AND RESISTIVITY 0.08
AT 65 DEG F. SAMPLE CHAMBER RECOVERY AT 550 PSI OF
3.0 CU FT OF GAS AND 100 CC CONDENSATE API GRAVITY 52 DEG
AT 60 DEG F. GAS-OIL RATIO 4770. PIT MUD CHLORIDES 1000000
MPL AND RESISTIVITY 0.08 AT 65 DEG F. IGG 5711 PSI.
5 MIN IFBHP 225-328 PSI. 65 MIN ISIBHP 5014 PSI STABILIZED
155 MIN FFBHP 417-673 PSI. 160 MIN FSIBHP 4969 PSI STILL
BUILDING SLIGHTLY. FHH 5660 PSI. BHT 168 DEG F. VISUAL
INTERPRETATION OF CHART INDICATES VERY GOOD PERMEABILITY.