

GREENWOOD PREGRAYBURG UNIT FEDERAL NO. 12  
1650' FNL & 1980' FWL, SECTION 35, UNIT F, T-18-S, T-31-E  
Eddy County, New Mexico

DST RESULTS

DST NO. 1 11035-11140 ATOKA TO EVALUATE SAND DRILLING  
BREAK 11064-11082: ON TELEFLOW TEST TOOL FAILED TO OPEN ON  
5-MIN INITIAL PRE-FLOW AND FAILED TO FUNCTION ON 60-MIN  
ISIBHP. OPENED ON 90-MIN FINAL FLOW AT SURFACE WITH  
GAS TO SURFACE IN 20 MINS. TESTED ON 3/8" CHOKE WITH 70 PSI  
IN 30 MINS 120 PSI AT 90 MINS. RECOVERED 100 FT GAS AND  
CONDENSATE-CUT WATER WITH CHLORIDES 500 MPL AND  
RESISTIVITY 5.9 AT 72 DEG F 1068 FT WATER CUSHION 500 MPL  
AND 5.0 AT 68 DEG F AND 785 FT GAS-CUT DRILLING FLUID 74000  
MPL AND 0.10 AT 68 DEG F. SAMPLE CHAMBER RECOVERY AT 650  
PSI OF 3.92 CU FT OF GAS 100 CC OF CONDENSATE AND  
350 CC OF DRILLING FLUID 74000 MPL AND 0.10 AT 72 DEG F  
VS PIT MUD CHLORIDES 74000 MPL AND RESISTIVITY 0.10 AT 68 DEG F.  
IHH 5647 PSI.  
90 MIN FFBHP 591-841 PSI.  
180 MIN FSIBHP 2214 PSI.  
FHH 5647 PSI.  
BHT 159 DEG F.

DST NO. 2 11515-11580 MORROW TO EVALUATE SN DRLG BREAK  
11556-11574 BY TELEFLOW TST: RAN 60 MIN ISIBHP WITH SURF  
PRS INCR TO 96 PSI. LIQUID REC OF 2 BBLS INDICATED. OPENED  
AT SURF AFTER 5 MINS ON 3/4" CH WITH STARTING RATE 1485 MCFPD  
INCR TO 3700 MCFPD AT END OF TST. RATE VARYING FROM 3700 TO  
4100 MCFPD DURING LAST HR WITH CONDENSATE BEING PRODUCED. RAN  
120 MIN FISBHP. LIQUID REC OF 35 BBLS INDICATED. REC 2350 FT  
OR 33 BBLS GAS-CUT WATER BLANKET WITH CHLORIDES 8000 MPL AND  
RESISTIVITY 0.74 AT 75 DEG F 360 OR 5 BBLS GAS-CUT AND 140 FT  
OR 2 BBLS GAS-CUT MUD WITH 8000 MPL AND 0.74 AT 75 DEG F.  
SAMPLE CHAMBER REC AT 780 PSI OF 5.3 CU FT OF GAS AND 40 CC OF  
CONDENSATE. IHH 5798 PSI. 5.25 MIN IFBHP 674-777 PSI.  
120 MIN FISBHP 5042 PSI. FHH 5785 PSI. BHT 159 DEG F.

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