

GRIZZELL A WELL NO. 5
1900' FSL x 860' FWL, Section 5, Unit L. T-22-S, R-27-E
LEA COUNTY, NEW MEXICO

DST RESULTS

DST NO. 1 3851-4000 SAN ANDRES CLOSED CHAMBER TST TO EVALUATE
POTENTIAL LOG PAY SECTION: ON 5-MIN INITIAL PRE-FLOW
AVERAGE FLOW RATE OF 50 MCFPD WAS CALCULATED WITH INDICATIONS
OF GAS X LIQUID BEING PRODUCED. GOOD PERMEABILITY INDICATED.
SURF PRS AT END 13.8 PSI. RAN 69-MIN ISIBHP WITH GAS
BREAKING CUT FOR 40 MINS AND SURF PRS INCREASING TO 50 PSI.
ON 58-MIN FINAL FLOW AVERAGE FLOW RATE OF 113 MCFPD
WAS CALCULATED. OPENED AT SURF ON 1/4" CH AT 33 MINS WITH
FLOW RATE 112 MCFPD AT 36 MINS AND 145 MCFPD AT 57.5 MINS.
GAS AND LIQUID STILL BEING PRODUCED WITH OIL TO SURF AT 58
MINS. SHUT-IN OVERNIGHT TO REVERSE OUT OIL AT DAY LIGHT.
RAN 9-HR 43 MIN FSIBHP. RECOVERED 150 FT OR 1.6 BBLS OF FREE
OIL AND 1950 FT OR 16.7 BBLS OF SALT WATER WITH CHLORIDES
120000 MPL AND RESISTIVITY 0.06 AT 64 DEG F. SAMPLE CHAMBER
RECOVERY AT 1025 PSI OF 3.9 CU FT OF GAS 80 CC OF OIL 34.5
DEP API GRAVITY AT 60 DEG F AND 1300 CC OF SALT WATER WITH
CHLORIDES 80000 MPL AND RESISTIVITY 0.07 AT 70 DEG F VS
PIT BRINE WATER 114000 MPL AND 0.07 AT 56 DEG F.
IHH 2082 PSI. 5-MIN IFBHP 317-429 PSI. 69-MIN ISIBHP 1408 PSI.
58-MIN FFBHP 522-1238 PSI. 585-MIN FSIBHP 1408 PSI.
FHH 2065 PSI. BHT 88 DEG F.