

TELEDYNE 4 GAS COM WELL NO. 1
660' FSL & 330' FEL, SECTION 4, UNIT P, T-23-S, R-29-E
EDDY COUNTY, NEW MEXICO
DST RESULTS

DST NO. 1 8535-8705 BONE SPRINGS CLOSED CHAMBER
TEST TO EVALUATE SHOW ZONE 8660-8680. ON 5.25 MIN INITIAL
PRE-FLOW AVERAGE FLOW RATE OF 850 BPD WAS CALCULATED --
INITIAL FLOW RECOVERED RAT HOLE FLUID. RAN 90 MIN ISIBHP
DUE TO TIGHT FORMATION WITH SURFACE PRESSURE
STABILIZING RAPIDLY. ON 38 MIN FINAL FLOW AVERAGE
FLOW RATE OF 3.3 MCFPD WAS CALCULATED WITH EVIDENCE
OF LOW FLOW OF GAS. RAN 90 MIN FSIBHP WITH SURFACE
PRESSURE STABILIZING QUICKLY. BLOW DOWN INDICATED
LIQUID RECOVERY OF 3 BBLS. RECOVERED 248 FT OR 1.3
BBLS OF DRILLING FLUID WITH RESISTIVITY 0.12 AT 48 DEG F
AND CHLORIDES 73000 MPL IN TOP 0.12 AT 50 DEG F AND
82000 MPL IN MIDDLE AND 0.10 AT 54 DEG F AND 82000 MPL IN
IN BOTTOM OF RECOVERY. SAMPLE CHAMBER RECOVERY AT
110 PSI OF 0.45 CU FT OF GAS AND 50 CC DRILLING MUD
WITH RESISTIVITY 0.10 AT 54 DEG F AND CHLORIDES 82000 MPL
VS PIT MUD 0.10 AT 54 DEG F AND 84000 MPL. IHH 4157 PSI.
5.25 MIN IFBHP 191-191 PSI. 90 MIN ISIBHP
291 PSI. 38 MIN FFBHP 191-191 PSI. 90 MIN FISBHP 254
PSI. FHH 4157 PSI. BHT 104 DEG F. VISUAL INTERPRETA-
TION OF CHART INDICATES LOW PRS X LOW PERMEABILITY.