

DRILL STEM TEST REPORT

PERRY R. BASS

COMPANY & LEASE BIG EDDY UNIT ; WELL NO. 41 ; TEST NO. 1
 FIELD Wildcat ; COUNTY Eddy ; STATE New Mexico
 NAME OF SECTION TESTED Bone Spring ; TESTED FROM 7122 TO 7340
 DATE 9/4-5/74 ; REASON FOR TEST Drilling Break
 SERVICE COMPANY Halliburton ; TYPE PACKER Expanding Shoe
 SIZE TUBING OR DRILL PIPE 4-1/2" XH ; CHOKE SIZE, BOTTOM 3/4" SURFACE _____
 WATER CUSHION _____ FT. ; TIME TOOL OPEN 11:07 ~~xxx~~ pm ; (CDT)
 LENGTH OF TIME TOOL OPEN 1 hours, 30 minutes ; PRE-FLOW TIME 30 min.
 REMARKS: Tool opened with weak blow of air and remained for 30 minutes; Closed tool
and took 1 hour initial shut in; Tool opened 2nd time at 12:39 AM (CDT) with weak blow of air
and remained for 1 hour; Closed tool and took 2 hour final shut in; Pulled packers free at
3:39 AM and pulled out of hole; Recovered 641' salt water (drilling mud); Recovered in sample
chamber 2350 cc salt water (drilling mud) with 80,000 ppm chlorides and 2 psig; Job completed
at 7:40 AM (CDT). BHT 125°F

Top Recorder

1 H	3258.1 psig
30 Min. IF	82.9
30 Min. FF	135.3
60 Min. ISI	306.7
60 Min. IF	135.3
60 Min. FF	165.8
120 Min. FSI	276.2
FH	3225.2

TIME ELAPSED TO REACH SURFACE: GAS _____ min, WATER _____ min, OIL _____ min,
 MUD _____ min.

FLOWING SURFACE PRESSURES: INITIAL _____ psi, FINAL _____ psi

FLOWING BOTTOM HOLE PRESSURES: INITIAL 108.2 psi, FINAL 270.3 psi

1 hour INITIAL SHUT IN BOTTOM HOLE PRESSURE 378.4 psi

2 hour FINAL SHUT IN BOTTOM HOLE PRESSURE 356.8 psi

FLUID COLUMN PRESSURE (Bomb readings): IN 3360.2 psi, OUT 3306.4 psi

CALCULATED FLUID COLUMN PRESSURE 3314 psi; FLUID WEIGHT 8.7 #/gal.

DID PACKER HOLD? Yes ; DID BOTTOM CHOKE PLUG? No ;

DID FLUID DROP IN ANNULUS? No ; IS TEST CONCLUSIVE? Yes

REPORTED BY: Grover L. Worley

Trace chart below. Show pressure scale, increasing vertically. Show time horizontally.
 Define opening and closing of tool, and build-up formation pressure.

Chart Not Available