

PERRY R. BASS, INC.

DRILL STEM TEST REPORT

COMPANY & LEASE Perry R. Bass; Big Eddy Unit; WELL NO. 36; TEST NO. 3
 FIELD Wildcat; COUNTY Eddy; STATE New Mexico
 NAME OF SECTION TESTED Morrow; TESTED FROM 12,475 TO 12,756'
 DATE 7-17-73; REASON FOR TEST _____
 SERVICE COMPANY Johnston; TYPE PACKER Bobtail
 SIZE TUBING OR DRILL PIPE 4 1/2" x 1; CHOKE SIZE, BOTTOM 5/8" SURFACE 1"
 WATER CUSHION 2,474 FT.; TIME TOOL OPEN 4:24 am;
 LENGTH OF TIME TOOL OPEN 4 hours, 10 minutes; PRE-FLOW TIME 10 min.
 REMARKS: Opened tool at 4:24 AM (MDT) VWBA; VWBA in 10 min.; CT in 10 min.; Took 1 hr. ISI;
Opened tool 2nd. time @ 5:34 AM 2nd time, VWBA; VWBA in 6 min.; WBA in 16 min.; SBA in 1 hr.
11 min. 5" wtr. press.; 6" wtr. press. in 1 hr. 18 min.; CT in 2 hrs. 6" wtr. press.; TTP on
1" ch. to flow down DP; Took 2 hr. SI; Opened tool 3rd. time at 9:34 AM, VWBA; VWBA in 6 min.
WBA in 15 min. 2 1/2" str. press.; 4" WP in 41 min.; SBA in 1 hr., 6 1/2" WP; 10" WP in 1 hr. 9 min.
VSBA in 1 hr. 16 min.; 11 1/2" WP; 12" WP in 1 hr. 20 min.; TTP on 1" ch. in 1 hr. 20 min.;
Closed pit line in 1 hr. 56 min.; VWBA; VWBA in 4 min.; CT in 2 hrs.; No GTS; Opened pit
line on 1" ch. to flow down DP; Took 2 hr. SI; Pulled pkrs. free @ 1:34 PM; Pulled OOH; Rec'd.
202' WB, 2,272' Sli GCWB, 530' Sli GC DM, & 819' Sli GC salt wtr.; Sample ch. 1,100 psig,
1.05 cu. ft. gas, & 1,950 c.c. muddy salt wtr.; Lost about 1/5 btm. pkr. rubber in hole; BHT
198°F; IH 6,855; 10 min. IF 1,298; 1 hr. ISI 5,211; 2 hr. IF 1,334; 2 hr. FF 1,566; 2 hr.
FSI 5,158; 2 hr. IF 1,566; 2 hr. FF 1,692; 2 hr. FSI 5,122; FH 6,802; Chlorides: WB in 3,500
PPM & Res. 1.2 @ 98°F; Pit DM 132,000 PPM & Res. 0.12 @ 96°; Top rec'd salt wtr. 68,000 PPM
& Res. 0.10 @ 78°F; Sample ch. 54,000 PPM & Res. 0.15 @ 74°; J.C. @ 7:40 PM (MDT).

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 1,298 psi, FINAL 1,692 psi

1 hour INITIAL SHUT IN BOTTOM HOLE PRESSURE 5,211 psi

2 hour FINAL SHUT IN BOTTOM HOLE PRESSURE 5,122 psi

FLUID COLUMN PRESSURE (Bomb readings): IN 6,855 psi, OUT 6,802 psi

CALCULATED FLUID COLUMN PRESSURE 6,785 psi; FLUID WEIGHT 10.3 #/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.

