

DRILL STEM TEST REPORT

COMPANY & LEASE BASS STATE COMMUNITIZED; WELL NO. 1; TEST NO. 1
 FIELD Burton Flats; COUNTY Eddy; STATE New Mexico
 NAME OF SECTION TESTED Strawn; TESTED FROM 10,195 TO 10,350'
 DATE 7-17-74; REASON FOR TEST DST #1
 SERVICE COMPANY Johnston; TYPE PACKER Johnston
 SIZE TUBING OR DRILL PIPE 4½"; 16.60#; CHOKE SIZE, BOTTOM 5/8" SURFACE Full 1"
 WATER CUSHION 1,007 FT.; TIME TOOL OPEN 9:16 ~~am~~ pm;
 LENGTH OF TIME TOOL OPEN 0 hours, 10 minutes; PRE-FLOW TIME min.
 REMARKS: Opened with weak blow-after 5 minutes increased to strong blow-increasing to
very strong blow of air at end of Preflow. Gas to surface in 29 minutes.
Open tool at 10:28 PM after 1 hour shut in. 6 to 8 feet of flare immediately
after opening tool. Water blanket spray 10 minutes. 7 Min. 7# press; 10 Min. 10#
press; 16 Min 18# Press; 18' flare 100 Mcf gas 25 min. 25# press; 30 min. 29# press;
45 min. 30 # press; 60 min. 28# press; 1 Hr. & 10 Min. 27# press. 1 Hr. & 18 Min.
26# press; 1 Hr & 25 min. 25# press; 2 Hrs, 25# press. Closed in 12:28 AM.
C.I. 55 min. Well kicking on back side for safety precautions. Released
packer, started reversing out. Completely out of hole 9:45 AM, 7-18-74.

TIME ELAPSED TO REACH SURFACE: GAS 29 min, WATER none min, OIL none min,
 MUD none min.

FLOWING SURFACE PRESSURES: INITIAL none psi, FINAL 25# psi

FLOWING BOTTOM HOLE PRESSURES: INITIAL 598 psi, FINAL 661 psi

1 hour INITIAL SHUT IN BOTTOM HOLE PRESSURE 4286 psi

 hour FINAL SHUT IN BOTTOM HOLE PRESSURE 4131 psi

FLUID COLUMN PRESSURE (Bomb readings): IN 5178 psi, OUT psi

CALCULATED FLUID COLUMN PRESSURE psi; FLUID WEIGHT 10 #/gal. brine

DID PACKER HOLD? yes; DID BOTTOM CHOKE PLUG? no;

DID FLUID DROP IN ANNULUS? no; IS TEST CONCLUSIVE? yes

REPORTED BY: Lee McKay

Sample Chamber: Contained 3.25 cu ft gas at 750# psi, 400 cc fluid (20 cc oil, 380 cc water)

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

