TERRA RESOURCES, INC.

DRILL STEM TEST REPORT

3 / 19 / 88
MONTH DAY YEAR

LEASE NAME & WELL NO. Morgan #1

DST NO. 1 FORMATION Bough "B" INTERVAL FROM 10,322 TO 10,373

TESTED BY Halliburton ; TEST WAS (STRADDLE) CONVENTIONAL (MECHANICALLY GOOD) A MIS-RUN

CUSHION: 0 FT. OF _____ BOTTOM HOLE CHOKE 3/4 SURFACE CHOKE _____

OPENED TOOL AT 9:30 (AM) PM 3/17 19 88 OBTAINED NO STRONG (MEDIUM) WEAK

BLOW WHICH (INCREASED) (DECREASED) (REMAINED UNCHANGED) DURING FLOW PERIODS

(GAS) (OIL) (WATER) TO SURFACE IN ____ HRS. ____ MIN. ; FLOW RATE MEASURED AT SURF.

_____ MCFPD / BPD OF _____

DRILL PIPE RECOVERY: (TOP TO BOTTOM, INCLUDE RESISTIVITY, CL- & GRAVITY)

470 FT ____ BBL OF Gas cut mud

____ FT ____ BBL OF _____

____ FT ____ BBL OF _____

____ FT ____ BBL OF _____

CHART DATA: IHP 4981 psi; FHP 4854 psi; BHT 135 °F

OPERATION	TIME INTERVAL		PRESSURES			
FIRST FLOW	____ HRS	15 MIN	IFP	108 psi	FFP	129 psi
FIRST SHUT-IN	____ HRS	60 MIN	ISIP	862 psi		
SECOND FLOW	____ HRS	60 MIN	IFP	172 psi	FFP	216 psi
SECOND SHUT-IN	____ HRS	180 MIN	FSIP	1672 psi		

SAMPLE CHAMBER RECOVERY:

____ cc (OIL) (CONDENSATE) _____ °API

____ cc WATER, Rw _____ AT _____ °F, CL- _____ PPM

2400 cc MUD, Rm _____ AT _____ °F Rmf _____ AT _____ °F

____ cc OTHER _____

SAMPLE CHAMBER PRESSURE 150 psi ; GAS REC. — CU.FT

PIT MUD: Rm .18 AT 50 °F ; Rmf _____ AT _____ °F; CL- 24,283 PPM

REMARKS:

Trace of oil.

DATA WARRANT HAS BEEN REQUESTED ☐ REPORTED BY