

PENNZOIL EXPLORATION & PRODUCTION CO.

P. O. DRAWER 1828 - MIDLAND, TEXAS 79702-1828

CHAPARRAL "33" FEDERAL #1

1980' FNL & 660' FWL of Sec. 33, T19S, R34E, SWNW

API 30-025-30993

QUAIL RIDGE SOUTH BONE SPRING

LEA COUNTY, NEW MEXICO

DST #1 10129'-10164'

Opened tool for 2" preflow w/weak blow,  
60" initial S.I. period, 360" F.F. period  
w/max press. of 3.5 psig on 1/8" choke,  
360" final S.I., no gas to surface  
during test.

Sampler Recovery - 0.11 ft<sup>3</sup> gas, 2200 cc  
FM water (73,000 ppm) @ 170 psig.

D.P. Recovery - 120' Heavy oil & gas cut mud.  
90' oil 7 gas cut mud, 722' F.M. Water  
73,000 ppm) Mud chl 1150 ppm. BHT 144  
degrees F. IHP 4831 psig; IFP 36-36 psig;  
ISIP 1590; FFP 36-512; FSIP 1590 psig;  
FHP 4795 psig.