

FRACTURE TREATMENT Stage No. 1

Date 6/21/78

Operator Petroleum Corporation of Texas Lease and Well Day "H" 2A

Correlation Log Type Gamma Ray Collar From 800' to 2002'

Temporary Bridge Plug Type None Set At _____

Perforations 1937 to 42', 1946 to 60', 1962 to 72'
1 per foot type 3-1/2" Glass Strip Jets.

Pad 6000 gallons. Additives 2% KcL
70 quality foam

Water 30,000 gallons. Additives 2% KcL
70 quality foam

Sand 50,000 lbs. Size 20/40

Flush 1400 gallons. Additives 2% KcL
70 quality foam

Breakdown 2000 psig

Ave. Treating Pressure 1250 psig

Max. Treating Pressure 1330 psig

Ave. Injecton Rate 20.0 BPM

Hydraulic Horsepower 215 HHP

Instantaneous SIP 1060 psig

5 Minute SIP 900 psig

10 Minute SIP 850 psig

15 Minute SIP 800 psig 2 hr. SI 500#

Ball Drops: 5 Balls at 12,000 gallons None psig
5 Balls at 22,000 gallons None psig
 _____ Balls at _____ gallons _____ psig
 _____ Balls at _____ gallons _____ psig

Remarks: After 2 hrs., SIP -500 psig. Start flowing well back through
3/4" choke, let well flow back overnight.

Walsh ENGINEERING & PRODUCTION CORP.