



PERMIAN TESTERS, INC.
TEST TICKET

No 4169

DATE 10-28-81

COMPANY V F Petroleum Co.

LEASE Graham
WILDCAT

WELL NO. 1

COUNTY LEA

ORDER NO.

DISTRICT Odessa

TEST NO. 2

STATE TEXAS N.M.

MAIL INVOICE

COST \$ 2058.29 PLUS TAX

MAIL CHARTS

NO COPIES 2

DRILL STEM TEST DATA

FORMATION Atokia ELEVATION G. L.
INTERVAL TESTED 11925 TO 11962 ANCHOR LENGTH 37
BOTTOM HOLE CHOKE 5/8" SURFACE 1" Adj. CUSHION 1500'
TIME TOOL OPENED 12:49 P. M. RECORDER DATA
TOOL OPEN BEFORE ISIP 15 MIN. TYPE AK-1 CAPACITY 8300
INITIAL SHUT-IN 1 HRS 0 MIN. TOP 13390 DEPTH 11958
TOOL OPEN 2 HRS 30 MIN. BOT. 13206 DEPTH 11962
FINAL SHUT-IN 4 HRS 0 MIN. CLOCK: TOP 18hr BOT. 24hr

SURFACE ACTION Tool opened on PRE flow with WEAK
Blow INCREASING slightly. AFTER tool WAS
CLOSED Blow INCREASED to Bottom of Bucket
in 30 min. Tool opened on F.F. with FAIR
Blow INCREASING quickly. Blow hit bottom of
Bucket in 15 min. GAS to SURFACE ON 1/4" choke
in 58 min. @ 23.7 mcf per day. At end of F.F.
PRESSURE WAS INCREASING. @ 1/2" choke
75 min 18.8 mcf per day.
90 min 18.8 mcf Fluid Recovery:
105 min 19.9 acf 1500' WATER Blanket
120 min 20.9 mcf 60' GAS cut Drlg. Fluid
135 min 25.1 mcf 4,000 ppm R_w 3.0 @ 63°
150 min 31.9 mcf

SAMPLE REPORT. CAPACITY OF CHAMBER 1200 CC: 425 PSI: 930 CU. FT GAS
1200 cc Drlg. Fluid 4,000 ppm 3.0 R_w @ 63°

SUCCESSFUL TEST YES B. H. TEMP. 170°

I PRE-FLOW 820

I FINAL FLOW 217

MYD 5255

F PRE-FLOW 758

I SIP 2968

F FINAL FLOW 676

F SIP 4282

F HYD 5235

PERMIAN TESTERS, INC. SHALL NOT BE HELD LIABLE FOR DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY THROUGH THE USE OF ITS EQUIPMENT OR ITS STATEMENT OR OPINION CONCERNING THE RESULTS. ANY TEST, TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY PARTY FOR WHOM TEST IS MADE.

TESTER J. W. Anderson

APPROVED BY J. I. Dugley
J. I. Dugley

HOLE AND MUD DATA

TOTAL DEPTH 11962 MAIN HOLE 778
RAT HOLE 778 CASING SIZE 8 3/8
DEPTH OF CSG. 878 TYPE MUD FW
MUD WT. 9.3 VISCOSITY 35
WATER LOSS 12 CAKE 182
CHLORIDE 3900 ppm.
RESISTIVITY

TOOL DATA

NO PACKERS 2 STRADDLE TEST
SIZE PACKERS 2 3/4 CSG TEST
CONVENTIONAL TEST YES

TYPE TOOL	DEPTH	ID	O.D.
D.P.	<u>11962</u>	<u>3.8</u>	<u>4 1/4</u>
D.C.	<u>590</u>	<u>2.3</u>	<u>4 1/4</u>
CIRC SUB	<u>11650</u>	<u>1</u>	
D.C.	<u>11890</u>	<u>2.40</u>	
X-OVER	<u>11892</u>	<u>2</u>	
SHUT IN	<u>11892</u>	<u>5</u>	
SAMPLER	<u>11900</u>	<u>3</u>	
HYD	<u>11905</u>	<u>5</u>	
JARS	<u>11911</u>	<u>6</u>	
S. J.	<u>11913</u>	<u>2</u>	
PACKER	<u>11919</u>	<u>6</u>	
PACKER	<u>11925</u>	<u>6</u>	
PERF			
PERF			
PERF			
PERF			
PERF			
PERF			
REC			
REC	<u>11962</u>		

DRLG. CONT. DE/TA RIG# 40

TOOLPUSHER DON WHITE

PHONE