



# PERMIAN TESTERS, INC.

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ODESSA, TEXAS

79762

COMPANY V F Petroleum, Inc.

LEASE State 26 WELL NO. 1 TEST NO. 2 FORMATION Atoka ELEVATION GL

FIELD Wildcat COUNTY Lea STATE New Mexico INTERVAL TESTED 10450 TO 10549 ANCHOR LENGTH 99'

### DRILL STEM TEST DATA

BOTTOM HOLE CHOKE	<u>5/8"</u>	SURFACE	<u>1" Adj.</u>	CUSHION	<u>None</u>
TIME TOOL OPENED	<u>7:58 A.M.</u>	RECORDER DATA			
TOOL OPEN BEFORE I.S.P.		AK-I	<u>7950</u>	CAPACITY	<u>7950</u>
INITIAL SHUT-IN	<u>2</u> HRS	TOP	<u>13,206</u>	DEPTH	<u>10,540</u>
TOOL OPEN	<u>5</u> HRS	BOTTOM	<u>13,204</u>	DEPTH	<u>10,546</u>
FINAL SHUT-IN	<u>0</u> HRS	CLOCK TOP	<u>18 Hr.</u>	BOTTOM	<u>24 Hr.</u>

SURFACE ACTION Pre-Flow: Opened tool with a very weak blow of 1/4" with a slow increase to 1" of water column.

Final-Flow: Opened tool with a very weak blow of 1", slowly increasing to 2" in 10 mins., then stabilized for 30 mins. Blow decreased slowly to a very weak blow of 1/8" of water column.

RECOVERY 30' Drlg. Fluid

Chlorides: 84,000 PPM R<sub>w</sub> 0.13 @ 60°

### REMARKS

SUCCESSFUL TEST Yes

B. H. TEMPERATURE 158 °F

TESTER F. W. Anderson APPROVED BY A. J. Williams

	RECORDER NO.	RECORDER NO.	RECORDING UNIT
A (INITIAL HYDROSTATIC PRESSURE)			PSI
B (INITIAL PRE-FLOW PRESSURE)		<u>5439</u>	PSI
C (FINAL PRE-FLOW PRESSURE)		<u>209</u>	PSI
D (INITIAL SHUT-IN PRESSURE)		<u>15</u> MIN	PSI
E (INITIAL FLOW PRESSURE)		<u>45</u> MIN	PSI
F (FINAL FLOW PRESSURE)		<u>120</u> MIN	PSI
G (FINAL SHUT-IN PRESSURE)		<u>300</u> MIN	PSI
H (FINAL HYDROSTATIC PRESSURE)		<u>5439</u>	PSI

TICKET NO. 4875

DATE February 9, 1983

ORDER NO.

DISTRICT Odessa

### HOLE AND MUD DATA

TOTAL DEPTH	<u>10,549</u>	MAIN HOLE	<u>7 7/8</u>
RAT. HOLE		CASING SIZE	<u>8 5/8</u>
DEPTH OF CSG	<u>3700</u>	TYPE MUD	<u>S.W. Gel</u>
MUD WT.	<u>9.7 +</u>	VISCOSITY	<u>48</u>
WATER LOSS	<u>10</u>	CAKE	<u>2/3"</u>
CHLORIDE	<u>84,000 PPM</u>		
RESISTIVITY	<u>0.13</u>	@	<u>60 °F</u>

### TOOL DATA

NO PACKERS	<u>2</u>	STRADDLE TEST
SIZE PACKERS	<u>6 3/4</u>	CSG TEST
CONVENTIONAL TEST	<u>Yes</u>	

TYPE TOOL	DEPTH	LENGTH	I.D.	OD
<u>4 1/2 XH DP</u>		<u>9766</u>	<u>3.8</u>	<u>4.5</u>
<u>4 1/2 XH DC</u>		<u>429</u>	<u>2.3</u>	<u>6.25</u>
<u>Circ. Sub</u>	<u>10297</u>			
<u>4 1/2 XH DC</u>		<u>120</u>		
<u>Shut In</u>		<u>5</u>		
<u>Samp.</u>		<u>3</u>		
<u>Hyd.</u>		<u>5</u>		
<u>Jars</u>		<u>6</u>		
<u>Safety</u>		<u>2</u>		
<u>Packer</u>		<u>6</u>		
<u>Packer</u>	<u>10450</u>			
<u>Perf.</u>				
<u>4 1/2 XH DC</u>				
<u>Perf.</u>				
<u>Rec.</u>				
<u>Rec.</u>		<u>99</u>		

DRLG CONT Midland RIG # 1