



PERMIAN TESTERS, INC.

P. O. BOX 6441 • PHONE 366-0811
ODESSA, TEXAS 79762

TICKET NO 4950

DATE February 10, 1983

ORDER NO.

DISTRICT Odessa

COMPANY V F Petroleum, Inc.

LEASE State 26 WELL NO 1

FIELD Wildcat COUNTY Lea

TEST NO 3

STATE New Mexico

FORMATION

INTERVAL TESTED

Atoka

ELEVATION

10,400' TO 10,549' ANCHOR LENGTH 149'

DRILL STEM TEST DATA

BOTTOM HOLE CHOKE	5/8"	SURFACE	1" Adj.	CUSHION	None
TIME TOOL OPENED	12:03 A.M.				
TOOL OPEN BEFORE ISIP.					
INITIAL SHUT-IN	HRS	15	MIN	TYPE	AK-I
		44	MIN	TOP	CAPACITY 7950
TOOL OPEN	2 HRS	0	MIN	BOTTOM	DEPTH 10,540
FINAL SHUT-IN	6 HRS	0	MIN	CLOCK TOP	DEPTH 10,546
				BOTTOM	24 Hr.
SURFACE ACTION	Pre-Flow: Opened tool with a very weak blow of 1/8", increasing slowly to a fair blow of 9" of water column.				
	Final-Flow: Opened tool with a very weak blow, increasing slowly to a strong blow of 1 1/4 lb. on bubble hose, in 110 mins. Opened on 1/4" choke blow decreased quickly to 2" of water column in 10 mins. on 1/4" choke.				

RECOVERY 863' Total Fluid

Chlorides: Top 66,000 PPM Rw 0.14 @ 60°
Middle 59,000 PPM Rw 0.14 @ 60°
Bottom 60,000 PPM Rw 0.14 @ 60°

REMARKS

SUCCESSFUL TEST Yes B.H. TEMPERATURE 154 °F
TESTER F. W. Anderson APPROVED BY A. J. Williams

HOLE AND MUD DATA

TOTAL DEPTH	10,549	MAIN HOLE	7 7/8
RAT HOLE	10549	CASING SIZE	8 5/8
DEPTH OF CSG	3700	TYPE MUD	S.W. Gel
MUD WT	9.5+	VISCOSITY	45
WATER LOSS	6	CAKE	2
CHLORIDE	66,000 PPM		
RESISTIVITY	0.13	@	60 °

TOOL DATA

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

TYPE TOOL	DEPTH	LENGTH	I.D.	O.D.
4 1/2 XH DP		9876	3.8	4.5
4 1/2 XH DC		367	2.3	6.25
Circ. Sub	10245			
4 1/2 XH DC		120		
Shut In		5		
Samp.		3		
Hyd.		5		
Jars		6		
Safety		2		
Packer		6		
Packer	10400	6		
Perf.				
4 1/2 XH DC				
Perf.				
Rec.				
Rec.	149			

	RECORDER NO.	RECORDER NO.
A (INITIAL HYDROSTATIC PRESSURE)	5340 PSI	PSI
B (INITIAL PRE-FLOW PRESSURE)	266 PSI	PSI
C (FINAL PRE-FLOW PRESSURE)	262 PSI	PSI
D (INITIAL SHUT-IN PRESSURE)	3600 PSI	PSI
E (INITIAL FLOW PRESSURE)	434 PSI	PSI
F (FINAL FLOW PRESSURE)	529 PSI	PSI
G (FINAL SHUT-IN PRESSURE)	3644 PSI	PSI
H (FINAL HYDROSTATIC PRESSURE)	5312 PSI	PSI

Midland.