



PERMIAN TESTERS, INC.

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

TICKET NO. 4951
DATE February 11, 1983
ORDER NO.
DISTRICT Odessa

COMPANY V F Petroleum, Inc.

LEASE	State 26	WELL NO.	1	TEST NO.	4	FORMATION		GL	
FIELD	Wildcat	COUNTY	Lea	STATE	New Mexico	INTERVAL TESTED	10,344 TO 10,402	ANCHOR LENGTH	58'

DRILL STEM TEST DATA

BOTTOM HOLE CHOKE	5/8"	SURFACE	1" Adj.	CUSHION	None
TIME TOOL OPENED	8:40 P.M.	RECORDER DATA			
TOOL OPEN BEFORE ISIP		15 MIN	TYPE	AK -I	CAPACITY 7950
INITIAL SHUT-IN	HRS.	45 MIN	TOP	13,206	DEPTH 10,386
TOOL OPEN	2 HRS	0 MIN	BOTTOM	13,390	DEPTH 10,391
FINAL SHUT-IN	6 HRS	0 MIN	CLOCK TOP	18 Hr.	BOTTOM 24 Hr.
SURFACE ACTION	Pre-Flow: Opened tool with a fair blow of 15" of water column, increasing quickly to 2 lbs. on 1/4" choke and stabilized for the remainder of the preflow.				

Final-Flow: Opened tool with 1 lb., increasing to 2 lbs. in 5 mins. Opened on 1/4" choke at 1 1/2 lbs., decreasing slowly. Opened on 3/16" choke at 1 lb., increasing to 1 1/2 lbs. in 5 mins. Then slowly decreasing to 2" of water column 1 hr. into final flow. Close to bubble hose at 13" slowly decreasing to 2" of water column at end.

7769' Fluid

280' Heavy Gas Cut Drlg. Fluid

7489' Heavy Gas Cut Water

Chlorides: Top 66,000 PPM Rw 0.14 @ 60°
Middle 42,000 PPM Rw 0.19 @ 60°
Bottom 33,000 PPM Rw 0.24 @ 60°

REMARKS

SUCCESSFUL TEST	Yes	B H TEMPERATURE	158 °F
TESTER	F. W. Anderson	APPROVED BY	A. J. Williams

	RECORDED NO.	RECORDER NO.
A (INITIAL HYDROSTATIC PRESSURE)	5213 PSI	PSI
B (INITIAL PRE-FLOW PRESSURE)	2286 PSI	PSI
C (FINAL PRE-FLOW PRESSURE)	15 MIN 2407 PSI	PSI
D (INITIAL SHUT-IN PRESSURE)	45 MIN 3572 PSI	PSI
E (INITIAL FLOW PRESSURE)	2770 PSI	PSI
F (FINAL FLOW PRESSURE)	120 MIN 3548 PSI	PSI
G (FINAL SHUT-IN PRESSURE)	360 MIN 3616 PSI	PSI
H (FINAL HYDROSTATIC PRESSURE)	5213 PSI	PSI

TOTAL DEPTH	10,549	MAIN HOLE	7 7/8
RAT HOLE		CASING SIZE	8 5/8
DEPTH OF CSG	3700	TYPE MUD	S.W.Gel
MUD WT.	9.5+	VISCOSITY	45
WATER LOSS	6	CAKE	2/32
CHLORIDE	66,000 PPM		
RESISTIVITY	0.14	@	60 °F

TOOL DATA

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

TYPE TOOL	DEPTH	LENGTH	ID	OD
4 1/2 XH DP		9854	3.8	4.5
4 1/2 XH DC		367	2.3	6.25
Circ. Sub	10226			
Shut In		5		
Samp.		3		
Hyd.		5		
Jars		6		
Safety		2		
Packer		6		
Packer	10344	6		
Perf.				
4 1/2 XH DC				
Rec.				
Rec.				
Perf.				
Packer	10402	58		
Packer				
Blank Off				
4 1/2 XH DC				
Perf.				
Rec.				
Rec.				

DRLG CONT Midland RIG # 1