File

PERMIAN TESTERS, INC.

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ODESSA, TEXAS
79767

TICKET NO. 6174
DATE April 28,1986
ORDER NO.
DISTRICT

COMPANY Mitchell Energy Corporation
LEASE Baer WELL NO. 1 TEST NO. 3 FORMATION Canyon Sand ELEVATION 4003' G.L.
FIELD Wildcat COUNTY Lea STATE New Mexico INTERVAL TESTED 11,390 TO 11,466 ANCHOR LENGTH 76'

DRILL STEM TEST DATA

BOTTOM HOLE CHOKE	5/8"	SURFACE	1" Adj.	CUSHION	1046'
TIME TOOL OPENED	1:26 P.M.				
TOOL OPEN BEFORE I.S.I.P.	15 MIN.				
INITIAL SHUT-IN	1 HRS.	0 MIN.			
TOOL OPEN	1 HRS.	0 MIN.			
FINAL SHUT-IN	2 HRS.	0 MIN.			

RECORDER DATA

TYPE	AK-1	CAPACITY	8000
TOP	13479	DEPTH	11,371
BOTTOM	13478	DEPTH	11,463
CLOCK: TOP	18 Hr.	BOTTOM	24 Hr.

SURFACE ACTION Pre-Flow: Opened tool with a very weak blow, decreasing until dead at 8 minutes.
Final-Flow: Opened tool with a very weak blow with slow increase to 1½" water column at 30 minutes; 5" water column at 45 minutes; 7" water column at 60 minutes.

RECOVERY 1046' Water cushion with trace of oil
20' Heavy gas cut with slight oil cut drlg. mud
Chlorides: Top-1,000 PPM Rw 6.2 at 60°
Middle-1,000 PPM Rw 6.2 at 60°
Bottom-15,000 PPM Rw 0.46 at 60°

REMARKS

SUCCESSFUL TEST Yes B. H. TEMPERATURE 156 °F
TESTER Wayne Anderson APPROVED BY Neal Attaway

				RECORDER NO. 13479		RECORDER NO.	
A	(INITIAL HYDROSTATIC PRESSURE)			5080	P.S.I.		P.S.I.
B	(INITIAL PRE-FLOW PRESSURE)			538	P.S.I.		P.S.I.
C	(FINAL PRE-FLOW PRESSURE)	15	MIN.	518	P.S.I.		P.S.I.
D	(INITIAL SHUT-IN PRESSURE)	60	MIN.	1245	P.S.I.		P.S.I.
E	(INITIAL FLOW PRESSURE)			514	P.S.I.		P.S.I.
F	(FINAL FLOW PRESSURE)	60	MIN.	518	P.S.I.		P.S.I.
G	(FINAL SHUT-IN PRESSURE)	120	MIN.	1466	P.S.I.		P.S.I.
H	(FINAL HYDROSTATIC PRESSURE)			5036	P.S.I.		P.S.I.

HOLE AND MUD DATA

TOTAL DEPTH	11,466	MAIN HOLE	7 7/8
RAT HOLE		CASING SIZE	8 5/8
DEPTH OF CSG.	3806	TYPE MUD	FW Gel
MUD WT.	8.8	VISCOSITY	36
WATER LOSS	10.4	CAKE	1/32
CHLORIDE	15,000 PPM		
RESISTIVITY	0.46 @	60	°F

TOOL DATA

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

TYPE TOOL	DEPTH	LENGTH	I.D.	O.D.
4½ XH DP		10582	3.8	4.5
5" H90 DC		548	2.3	6.25
Circ. Sub	11132	2		
5" H90 DC		120	2.3	6.25
Shut-in		5		
Sampler		3		
Hyd. Tool		5		
Jars		6		
Rec		5		
Safety Jt.		2		
Packer		6		
Packer	11390	6		
Perf				
5" H90 DC				
Blank-off				
Rec. Sub				
Rec.		76		

DRLG. CONT. Moranco RIG # 7