PERMIAN TESTERS, INC.

366-0811 • P. O. BOX 6441 • ODESSA, TEXAS 79767

ODESSA, TEXAS
79767

TICKET NO. 6233
DATE April 21, 1986
ORDER NO.
DISTRICT Odessa

COMPANY Mitchell Energy Corporation
LEASE Baer WELL NO. 1 TEST NO. 1 FORMATION Permo-Penn ELEVATION 4003 G.L.
FIELD Wildcat COUNTY Lea STATE New Mexico INTERVAL TESTED 10,500 TO 10,563 ANCHOR LENGTH 63'

DRILL STEM TEST DATA

BOTTOM HOLE CHOKE 5/8" SURFACE 1" Adj. CUSHION None

TIME TOOL OPENED 3:58 A.M.

TOOL OPEN BEFORE I.S.I.P.		15 MIN.	RECORDER DATA		
INITIAL SHUT-IN	1 HRS.	0 MIN.	TYPE	AK-I	CAPACITY 8250
TOOL OPEN	1 HRS.	0 MIN.	TOP	5664	DEPTH 10,486
FINAL SHUT-IN	2 HRS.	0 MIN.	BOTTOM	11,008	DEPTH 10,560
			CLOCK: TOP	18 Hr.	BOTTOM 24 Hr.

SURFACE ACTION Pre-Flow: Opened tool with a weak blow, Increasing to bottom of the bucket in 3 mins. with 19 oz., 15 mins. at 20 oz. Shut in with no gas to surface.
Final-Flow: Opened tool with a strong blow 36 oz. Immediatly and stabilizing at 38 oz. for 10 mins., 20 mins. 50 oz., 40 mins. 62 oz., 60 mins. 70 oz. Shut in with no gas to surface. (Unable to keep hole full.)

RECOVERY 5148' Gas in Dri-1 Pipe
150' Slightly oil and gas cut mud
Chlorides: Top 24,000 PPM Rw .33 @ 60°
Middle 22,000 PPM Rw .35 @ 60o
Bottom 22,000 PPM Rw .35 @ 60°

REMARKS

SUCCESSFUL TEST Yes B. H. TEMPERATURE 157 °F
TESTER Ray Hayes APPROVED BY Neal Attaway

			RECORDER NO. 5664	RECORDER NO.
A	(INITIAL HYDROSTATIC PRESSURE)		4787 P.S.I.	P.S.I.
B	(INITIAL PRE-FLOW PRESSURE)		127 P.S.I.	P.S.I.
C	(FINAL PRE-FLOW PRESSURE)	15 MIN.	97 P.S.I.	P.S.I.
D	(INITIAL SHUT-IN PRESSURE)	60 MIN.	1506 P.S.I.	P.S.I.
E	(INITIAL FLOW PRESSURE)		136 P.S.I.	P.S.I.
F	(FINAL FLOW PRESSURE)	60 MIN.	136 P.S.I.	P.S.I.
G	(FINAL SHUT-IN PRESSURE)	120 MIN.	2050 P.S.I.	P.S.I.
H	(FINAL HYDROSTATIC PRESSURE)		4561 P.S.I.	P.S.I.

HOLE AND MUD DATA

TOTAL DEPTH	10,563	MAIN HOLE	7 7/8
RAT HOLE	7 7/8	CASING SIZE	8 5/8
DEPTH OF CSG.	3806	TYPE MUD	Gel/Drlg
MUD WT.	8.8	VISCOSITY	34
WATER LOSS	9.2	CAKE	2/10
CHLORIDE	32,000 PPM		
RESISTIVITY	.24	@	60 °F

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.
4½ XH DP		9734	3.8	4.5
5 H 90 DC		606	2.3	6.25
Circ. Sub	10341	1		
5 H 90 DC		120		
Shut In		5		
Samp.		3		
Hyd.		5		
Jars		6		
Rec.		5		
Safety		2		
Packer		6		
Packer	10500	6		
Perf.				
Perf.				
Perf.				
Perf.				
Perf.				
DC				
Bull Plug		63		

DRLG. CONT. Moranco RIG. # 7