

PERMIAN TESTERS, INC.

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ODESSA, TEXAS

79767

TICKET NO. 6235

DATE April 26, 1986

ORDER NO.

DISTRICT

COMPANY Mitchell Energy Corporation

WELL NO. 1	TEST NO. 2	FORMATION	CANYON	ELEVATION 4003	GL
WILDCAT	Lea	New Mexico	11,131 TO 11,272	ANCHOR LENGTH 141	

DRILL STEM TEST DATA

TIME	HOLE CHOKE	SURFACE	1/4"	CUSHION	800'
4:00 A.M.					
TOOL OPEN BEFORE LSIP					
1	HRS.	15 MIN.	TYPE TOP	AK-1	CAPACITY 8250
1	HRS.	0 MIN.	TOP	5664	DEPTH 11,119'
1	HRS.	0 MIN.	BOTTOM	11008	DEPTH 11,270'
2	HRS.	0 MIN.	CLOCK TOP	18 Hr.	BOTTOM 24 Hr.

Pre-Flow: Opened with a very weak blow of 1/4" in water increasing to 1/2" and stabilizing for remainder of flow. Shut in with no gas to surface.

Final-Flow: Opened with a very weak blow, dead in 1 minute, and remained dead for remainder of flow period.

RECOVERY No gas in drill pipe

815' Total fluid recovery 4.713 BBLS.

800' Water cushion 4.5 BBLS.

15' Drlg. mud .213 BBLS.

Chlorides: Top-2,000 PPM Rw 3.6 at 600

Middle-2,000 PPM Rw 3.6 at 600

Bottom-6,000 PPM Rw 1.2 at 600

REMARKS

ACCESSORY TEST	Yes	B.H. TEMPERATURE	159 °F
TESTER	Ray Hayes	APPROVED BY	Neal Attaway

	RECORD NO.	RECORD NO.	RECORD NO.
	5664		
A (INITIAL HYDROSTATIC PRESSURE)	5121	PSI	PSI
B (INITIAL PRE-FLOW PRESSURE)	470	PSI	PSI
C (FINAL PRE-FLOW PRESSURE)	15	MIN	PSI
D (INITIAL SHUT-IN PRESSURE)	60	MIN	PSI
E (INITIAL FLOW PRESSURE)	475	PSI	PSI
F (FINAL FLOW PRESSURE)	60	MIN	PSI
G (FINAL SHUT-IN PRESSURE)	120	MIN	PSI
H (FINAL HYDROSTATIC PRESSURE)	881	PSI	PSI
	5092	PSI	PSI

HOLE AND MUD DATA

TOTAL DEPTH	11,272	MAIN HOLE	7 7/8
RAT HOLE	7 7/8	CASING SIZE	8 5/8
DEPTH OF CSG.	3806	TYPE MUD	Gel Drills
MUD WT.	8.9	VISCOSITY	38
WATER LOSS	11.0	CAKE	1/32
CHLORIDE	21,000	PPM	
RESISTIVITY	.36		60

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.
4 1/2 XH DP		10492	3.8	4.5
5" H90 DC		511	2.3	6.25
Rev. Sub	11003	1		
5" H90 DC		93	2.3	6.25
Shut-in		6		
Sampler		3		
Hyd. Tool		5		
Jars/SJ.		8		
Rec.		5		
Packer		6		
Packer	11131	6		
Perf				
DC				
Bull Plug				
Rec.		141		

DRLG CONT. Morando FIG. # 7