



PERMIAN TESTERS, INC.
TEST TICKET

No 5872

DATE 11-3-84

COMPANY Hilliard Oil & Gas

ORDER NO.

WELL NO. Hilliard Federal B

DISTRICT

FIELD

WELL NO. 1

TEST NO. 1

MAIL INVOICE 3000 North Cartfield, Suite 120

COUNTY Chaves

STATE New Mexico

MAIL CHARTS Midland, Tx. 79705

COST \$ 2260.00/XX PLUS

NO COPIES

DRILL STEM TEST DATA

FORMATION Wolfcamp ELEVATION G.L.

INTERVAL TESTED 8103 TO 8150 ANCHOR LENGTH 47'

BOTTOM HOLE CHOKE 5/8" SURFACE 1" ADD. CUSHION 0'

TIME TOOL OPENED 7:45 P.M.

RECORDER DATA

TOOL OPEN BEFORE I.S.I.P. 16 MIN. TYPE AK-1 CAPACITY 8000

INITIAL SHUT-IN 2 HRS. 0 MIN. TOP 13478 DEPTH 8141

TOOL OPEN 2 HRS. 0 MIN. BOT. 13479 DEPTH 8147

FINAL SHUT-IN 4 HRS. 10 MIN. CLOCK TOP 18 hr. BOT. 24 hr.

SURFACE ACTION Preflow: Open w/a very weak blow in-
creasing to 9" in water @ 10 min + stabilize for remainder
Final Flow: Open w/a weak blow about 8 1/2" increasing to
7" in water + remain stable for 50 min. Then increase to 9 1/2" in
water @ 55 min + stabilize for remainder of flow.

LIQUID RECOVERY: 30' Slightly Gas Cut Drilg. Mud.

TOP - Chl. 8000 PPM R.W. .90 @ 60°

BOT. - Chl. 8000 PPM R.W. .90 @ 60°

No Sign of Oil in Drill String.

SAMPLE REPORT: CAPACITY OF CHAMBER 1500 CC. 0 PSI. .2 CU. FT. GAS

Recovered 750 cc. Drilg. Mud.

Chl. 8,000 PPM R.W. .90 @ 60°

SUCCESSFUL TEST yes B.H. TEMP. 118° @ 8140

I PRE-FLOW 101

I FINAL FLOW 31

YD 3720

F PRE-FLOW 101

I SIP 161

F FINAL FLOW 60

F SIP 262

F HYD 3720

HOLE AND MUD DATA

TOTAL DEPTH 8150 MAIN HOLE 7 1/8
RAT HOLE CASING SIZE 8 5/8
DEPTH OF CSG. 3350 TYPE MUD Fresh H₂
MUD WT. 8.4 VISCOSITY 28
WATER LOSS n/c CAKE n/c
CHLORIDE 8,000 PPM
RESISTIVITY .90 @ 60°

TOOL DATA

NO. PACKERS 2 STRADDLE TEST
SIZE PACKERS 63/64 CSG. TEST
CONVENTIONAL TEST yes

TYPE TOOL	DEPTH	LENGTH	ID.	O.D.
4 1/2" XH DP		7324	3.8	4.5
4 1/2" XH DC		622	2.3	6.5
CIR sub	7947	1		
4 DC	8068	121	2.3	6.5
X-O sub	8069	1		
Shut-in	8075	6		
Sampler	8078	3		
Hyd Tool	8083	5		
Wire	8089	6		
Safety Joint	8091	2		
Packer	8097	6		
Packer	8103	6		
PERF				
X-O sub				
1 DC				
X-O sub		47		
PERF				
Recorder				
Recorder	8150			

DRLG. CONT. McVay Drilg. RIG# 8

TOOLPUSHER Steve West

PHONE

TESTER Alan Hogue

Thanks

APPROVED BY

Pat Coley