



PERMIAN TESTERS, INC.
TEST TICKET

No 5553

DATE 14 Nov 84

ORDER NO.

COMPANY Hilliard Oil + Gas

LEASE Hilliard "B" Federal

WELL NO. 1

FIELD COUNTY CHAVES STATE NEW MEXICO

MAIL INVOICE 3000 N. Garfield, Midland, Tx. 79705

MAIL CHARTS COST \$ 2430.00 PLUS

NO COPIES

DRILL STEM TEST DATA

FORMATION Strawn ELEVATION G. L.

INTERVAL TESTED 10100 TO 10270 ANCHOR LENGTH 170'

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

TIME TOOL OPENED 7:30 A.M. RECORDER DATA

TOOL OPEN BEFORE I.S.P. 30 MIN. TYPE AK-1 CAPACITY 8300

INITIAL SHUT-IN 3 HRS. 0 MIN. TOP 4335 ✓ DEPTH 10264

TOOL OPEN 3 HRS. 0 MIN. BOT. 5264 DEPTH 10267

FINAL SHUT-IN 6 HRS. 0 MIN. CLOCK TOP 24 Hr BOT. 24 Hr

SURFACE ACTION Tool opened w/ 1/2" Blow in water, slowly increased to 2" Blow in water @ END of period.
Tool opened for FE w/ NO Blow for 40 min.
Began to Blow 1/2" in water VERY slowly INCREASED
To 2 1/4" Blow in water @ END of Period.

FLUID RECOVERY: 390' Delg Mud (Last 90' slight Gas Odor
+ Slight Oil Stain BETWEEN Hyd. Tool + Sampler)

Top Cl 2000 PPM R.w. 2.6 @ 75°

Mid Cl 2000 PPM R.w. 2.6 @ 75°

Btm Cl 2000 PPM R.w. 2.6 @ 75°

SAMPLE REPORT: CAPACITY OF CHAMBER 1800 CC. 105 PSI 0.3 CU. FT. GAS

1600 CC Slightly Gas Cut Delg Mud

OPM-2000 R.w. 2.6 @ 75°

ACCESSFUL TEST YES B. H. TEMP. 138°

HOLE AND MUD DATA

TOTAL DEPTH 10270 MAIN HOLE 7 7/8

RAT HOLE 7 7/8 CASING SIZE 8 5/8

DEPTH OF CSG. 3350 TYPE MUD FW/GEL

MUD WT. 9.3 VISCOSITY

WATER LOSS 11 CAKE 1/32

CHLORIDE 2000 PPM

RESISTIVITY 2.6 @ 75°

TOOL DATA

NO. PACKERS 2 STRABLER TEST

SIZE PACKERS 6 3/4 CSG. TEST

CONVENTIONAL TEST YES

TYPE TOOL	DEPTH	LENGTH	ID.	O.D.
4 1/2" XH DP		9344	3.8	
4 1/2" XH DC	9915	431	2.2	
Circ Sub	9976	1		
4 1/2" XH DC	10068	92		
XOVER	10069	1		
Shut In	10075	6		
Sampler	10078	3		
Hyd.	10082	4		
Jars	10084	6		
Safety It.	10090	2		
Packer	10095	5		
Packer	10100	5		
Perf.	10107	7		
XOVER	10108	1		
4 1/2" XH DC	10260	122		
XOVER	10261	1		
Perf. Ballie	10262	1		
Rt. Assy.	10270	8		

DRLG. CONT. McVay RIG# 8

TOOLPUSHER Steve West

PHONE

PRE-FLOW 232 I FINAL FLOW 358 3020

HYD 5042 F PRE-FLOW 232 I SIP 3395 F FINAL FLOW 295 F SIP 3395 F HYD 4937

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STER Kirk McNeely APPROVED BY Darrel DeForest