



PERMIAN TESTERS, INC.
TEST TICKET

No 5873

DATE 11-9-34

ORDER NO.

COMPANY Hilliard Oil & Gas

DISTRICT

LEASE Hilliard Federal B

WELL NO. 1

TEST NO. 2

FIELD

COUNTY Chaves

STATE N.M.

MAIL INVOICE 3000 N. Fairfield Suite 120

COST \$ 2340.00/xx PLUS

MAIL CHARTS Midland, Tx. 79705

NO COPIES

DRILL STEM TEST DATA

FORMATION	Bo "C" - Lower Wolfcamp	ELEVATION	G. L.
INTERVAL TESTED	9108 TO 9173	ANCHOR LENGTH	65'
BOTTOM HOLE CHOKE	5/8"	SURFACE	1" ADJ. CUSHION None
TIME TOOL OPENED	3:54 A.M.	RECORDER DATA	
TOOL OPEN BEFORE I.S.P.	30 MIN.	TYPE	AK-1 CAPACITY 3000
INITIAL SHUT-IN	2 HRS. 0 MIN.	TOP	13478 DEPTH 9164
TOOL OPEN	2 HRS. 0 MIN.	BOT.	13479 DEPTH 9170
FINAL SHUT-IN	4 HRS. 0 MIN.	CLOCK: TOP	18 BOT. 24
SURFACE ACTION	Previous: Open w/a weak to fair blow in 13 min. increasing steadily to 10 1/2 oz. @ end. Final Flow: Open w/a very weak blow increase to a fair blow in 37 min. Build to 10 oz. @ 90 min. and stabilize for remainder of flow.		
FLUID RECOVERY:	465' Total Fluid 280' Drilg. Mud, slightly gas cut 185' Form. Water, cut slightly w/ drilg. mud & slightly gas cut.		
TOP - Chl.	6,000 PPM	RW.	1.3 @ 60°
MID - Chl.	9,000 PPM	RW.	.77 @ 60°
BOT. - Chl.	34,000 PPM	RW.	.23 @ 60°
SAMPLE REPORT: CAPACITY OF CHAMBER	1500	CC.	0 PSI: .4 CU. FT. GAS
800 cc. Drilg. Mud + 500 cc. Formation Water.			
Chl. 34,000 PPM RW. .23 @ 60° Slight trace of oil			
SUCCESSFUL TEST	yes	B. H. TEMP.	130° @ 9163

HOLE AND MUD DATA

TOTAL DEPTH	4173	MAIN HOLE	778
RAT HOLE		CASING SIZE	8 5/8"
DEPTH OF CSG.	3350	TYPE MUD	Milge
MUD WT.	8.9	VISCOSITY	33+
WATER LOSS	37.0	CAKE	3
CHLORIDE	5,000 PPM		
RESISTIVITY	1.9 @ 60°		

TOOL DATA

NO. PACKERS	2	STRADDLE TEST		
SIZE PACKERS	4 3/4"	CSG. TEST		
CONVENTIONAL TEST	yes			
TYPE TOOL	DEPTH	LENGTH	ID.	C
4 1/2" XHDC		8330	38	4.
4 1/2" XHDC		652	2.3	6.
CIR sub	8983	1		
3 DC	9073	90		
SUB	9074	1		
Shut-in	9080	6		
Example:	9083	3		
Hyo Tool	9088	5		
2 DC	9094	6		
S Jomit	9096	2		
Packer	9102	6		
Packer	9103	6		
5' PERE				
SUB				
1 DC				
SUB		65		
14' PERE				
Recorder				
Recorder	4173			

DRLG. CONT. McVay Drilg. RIG# 8
TOOLPUSHER Steve West
PHONE

I PRE-FLOW 161 I FINAL FLOW 202
I HYD 4453 F PRE-FLOW 141 I SIP 2901 F FINAL FLOW 282 F SIP 2743 F HYD 4394

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TESTER

APPROVED BY

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