



PERMIAN TESTERS, INC.
TEST TICKET

No 5555

DATE 18 Nov 84

ORDER NO.

DISTRICT

TEST NO. 4

STATE New Mexico

COST \$ 2385.00 PLUS

NO COPIES

DRILL STEM TEST DATA

HOLE AND MUD DATA

TOTAL DEPTH	10698	MAIN HOLE	779
RAT HOLE	778	CASING SIZE	8 5/8
DEPTH OF CSG.	3350	TYPE MUD	FLUCEL/DP
MUD WT.	9.15	VISCOSITY	34
WATER LOSS	10.6	CAKE	1
CHLORIDE	2000 PPM		
RESISTIVITY	2.6 @ 75°		

TOOL DATA

NO. PACKERS	2	STRADDLE TEST	
SIZE PACKERS	6 3/4	GGG-TEST	
CONVENTIONAL TEST	YES		

TYPE TOOL	DEPTH	LENGTH	ID.	O.D.
4 1/2 XH DP		9848	3.8	
4 1/2 XH DC	10500	652	2.2	
Circ Sub	10500	1		
4 1/2 XH DC	10593	92		
X-OVER	10594	1		
Shut In	10600	6		
Sampler	10603	3		
Hyd.	10607	4		
Jars	10613	6		
Safety Jt.	10615	2		
Packer	10620	5		
Packer	10625	5		
Pack	10657	32		
XOVER	10658	1		
4 1/2 XH DC	10688	30		
XOVER	10689	1		
Baffle Sub	10690	1		
Rec Ashy	10698	8		

DRLG. CONT. McVay
TOOLPUSHER Steve West
PHONE

COMPANY Hilliard Oil + Gas
LEASE Hilliard "B" Federal
WELL NO. 1
COUNTY Chaves
STATE New Mexico
MAIL INVOICE 3000 N. Garfield Suite 120 Midland, Tx. 79705
MAIL CHARTS

FORMATION Lower Strawn
ELEVATION 4087 G.L.
INTERVAL TESTED 10625 TO 10698 ANCHOR LENGTH 73
BOTTOM HOLE CHOKE 5/8" SURFACE 1" Adj. CUSHION 1000
TIME TOOL OPENED 10:07 A.M.
RECORDER DATA
TOOL OPEN BEFORE I.S.P. 15 MIN. TYPE AK-1 CAPACITY 8300
VITAL SHUT-IN 2 HRS. 0 MIN. TOP 4335 DEPTH 10692
TOOL OPEN 1 HRS. 30 MIN. BOT. 5664 DEPTH 10695
FINAL SHUT-IN 3 HRS. 0 MIN. CLOCK TOP 24hr BOT. 24hr
SURFACE ACTION PF/Tool opened w/ work block - bit bracket 2 min. 15 PSI @ 2 min. / opened 1/2" ck @ 12 min. & continued to increase to end of period. GTS @ 15 min.
FF/Tool opened on 1/2" ck / 3 PSI 10 min 15.7 MCF / 35 PSI 1 min 19 MCF / 40 PSI 20 min 103 MCF / opened 1" ck / 20 PSI 20 min 72 MCF / 15 PSI 25 min 63 MCF / 5 PSI 25 min 319 MCF / 35 PSI 55 min 213 MCF / 20 PSI 40 min 195 MCF / 10 PSI 45 min 137 MCF / 3 PSI 50 min 242 MCF /
MUD RECOVERY: WATER Blanket Surfaced 57 min. / Oil Cut Water Blanket 71 min. / Oil to Surface 78 min. with 120 PSI & shortly
END of Period. Plugged Circ. Sub - Pumped up Chasew. / Kelly FLOWED 22 Bbls into TANK. KEE EST. 1.5 Bbls. IN D.P.
Sp Gr. 47 @ 59°
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SAMPLE REPORT: CAPACITY OF CHAMBER 1800 CC. 1430 PSI 5.75 CU. FT. GAS
1100 CC Fluid 2000 CC Heavy Oil Cut Mud
1000 CC Oil CL NC Sp Gr. 47 @ 59°
SUCCESSFUL TEST YES
B.H. TEMP. 144°

PRE-FLOW 1033
FINAL FLOW 1159
F PRE-FLOW 1054
SIP 2750*
F FINAL FLOW 1810
F SIP 2708
F HYD 5126

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TER Kierk McNelly
APPROVED BY Darrell DeForest