



PERMIAN TESTERS, INC.
TEST TICKET

No 4143

DATE 8-18-81

ORDER NO

COMPANY I.W. LOVE LADY

DISTRICT ODESSA

LEASE HAAS STATE

WELL NO. 1

TEST NO. 1

FIELD COUNTY LEA

STATE N. MEX

MAIL INVOICE COST \$ 1808.00 PLUS T

MAIL CHARTS NO COPIES

DRILL STEM TEST DATA

FORMATION	ELEVATION	G. L.
INTERVAL TESTED 8872 TO 8909	ANCHOR LENGTH 37	
BOTTOM HOLE CHOKE 5/8	SURFACE 1" ADJ	CUSHION 0
TIME TOOL OPENED 1:21 M.	RECORDER DATA	
TOOL OPEN BEFORE ISIP 10 MIN.	TYPE 7K-1	CAPACITY 8000
INITIAL SHUT-IN 1 HRS.	MIN. TOP 5165	DEPTH 8903
TOOL OPEN 1 HRS.	MIN. BOT. 5058	DEPTH 8906
FINAL SHUT-IN 2 HRS.	MIN. CLOCK: TOP 18	BOT. 24
SURFACE ACTION PRE-FLOW! OPENED WITH WEAK INCREASING TO GOOD OFF BOTTOM IN 2 MIN 4 REMAINED; FIN-FLOW! OPENED WITH GOOD BLOW G.T.S. 55 MIN INTO FLOW TO SMALL TO MEASURE		
FLUID RECOVERY: 311' TOTAL 90' PREB OIL 221' D CAS. CUT DRG FLUID		
TOP 36.8 CR @ 40° MID 8,000 ppm 17 Rm 75° BOT 8,000 ppm 17 Rm 75°		
SAMPLE REPORT CAPACITY OF CHAMBER 2400 CC 125 PSI 1.5 CU. FT. GAS 1000 CC TOTAL 400 CC OIL 36.8 GR 1600 CC HEAVY GAS CUT DRG FLUID - 8000 ppm		
SUCCESSFUL TEST YES B.H. TEMP. 128°		

HOLE AND MUD DATA

TOTAL DEPTH 8909	MAIN HOLE 778
RAT HOLE	CASING SIZE 8.58
DEPTH OF CSG 7545	TYPE MUD
MUD WT. 8.7	VISCOSITY 32
WATER LOSS 20	CAKE FILM
CHLORIDE 10,000	
RESISTIVITY 1.8	75

TOOL DATA

TYPE TOOL	DEPTH	LENGTH	ID	OD
DP 4 1/2 IN	8471	281	2.8	4 1/2
DC 4 1/2 IN	8471	281	2.3	4 1/2
CIR SUB	8752	1		
DC	8753	90		
SUB	8842	1		
SHUT IN	8844	5		
SAMPLER	8849	4		
Hyd	8853	5		
JARS	8858	6		
SF. I	8864	2		
T. PACK	8866	6		
B. PACK	8872	6		
PERF		1		
RECORD		327		
RECORD	8909			

DRLG CONT LANDIS RIG# 1

TOOLPUSHER

PHONE

I PRE-FLOW 90 I FINAL FLOW 108

I HYD 4237 F PRE-FLOW 108 I SIP 3502 F FINAL FLOW 162 F SIP 3466 F HYD 4201

PERMIAN TESTERS, INC. SHALL NOT BE HELD LIABLE FOR DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE OR FOR ANY LOSS SUFFERED OR SUSTAINED DIRECTLY OR INDIRECTLY THROUGH THE USE OF ITS EQUIPMENT OR ITS STATEMENT OR OPINION CONCERNING THE RESULTS. ANY TEST TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY PARTY FOR WHOM TEST MADE

TESTER FA ELLERS

APPROVED BY

[Signature]