



PERMIAN TESTERS, INC.
TEST TICKET

No 3816

DATE 10-16-81

ORDER NO.

DISTRICT

TEST NO.

STATE New Mexico

NO COPIES

COMPANY V F Petroleum

LEASE Graham

WELL NO. 1

COUNTY Lea

COST \$ 1958.00

PLUS TAX

DRILL STEM TEST DATA

FORMATION	ELEVATION	G. L.
INTERVAL TESTED 10253 TO 10296	ANCHOR LENGTH 43'	
BOTTOM HOLE CHOKE 5/8	SURFACE 1 adj	CUSHION none
TIME TOOL OPENED 4:25	RECORDER DATA	
TOOL OPEN BEFORE ISIP 15 MIN	TYPE AK-1	CAPACITY 8200
INITIAL SHUT-IN 1 HRS. 0 MIN.	TOP 4334	DEPTH 10293
TOOL OPEN 3 HRS. 0 MIN.	BOT. 4335	DEPTH 10296
FINAL SHUT-IN 4 HRS. 0 MIN.	CLOCK TOP 24	BOT. 24 hr.

SURFACE ACTION opened tool with weak blow, increasing to bottom of bucket in 4 min, increasing to end of p.e. flow. Gas to surface in 11 min into ISIP. Final Flow - 15 lbs. on 1/4" choke in 10 min, 15 min. 18 lbs. on 1/4" choke, 43.9 MCF/39 @ 1/2 hr. 1/4" choke 30 min. 26 lbs. on 1/4" choke, 56.3 MCF/37 @ 2 hr. 1/4" choke 45 min. 31 lbs. on 1/4" choke, 63.2 MCF/34 @ 3 hr. 1/4" choke 1 hr. 34 lbs. on 1/4" choke, 67.5 MCF/27 @ 3 hr. 1/4" choke

FLUID RECOVERY 1400' oil, 600' heavy Gas and oil cut mud. (Estimated) reversed out.

Top - oil 43 gr.

SAMPLE REPORT: CAPACITY OF CHAMBER 1500 CC. 550 PSI. 2.0 CU FT GAS 400 cc., 350 cc. oil, 50 cc. oil cut mud, all gas cut.

SUCCESSFUL TEST yes B. H. TEMP. 94.5 @ 10290

I PRE-FLOW 359 I FINAL FLOW 274
HYD 5082 F PRE-FLOW 338 I SIP 2054 F FINAL FLOW 717
F SIP 1929 F HYD 4835

HOLE AND MUD DATA

TOTAL DEPTH	MAIN HOLE 7 1/4
RAT HOLE 7 1/8	CASING SIZE 8 5/8
DEPTH OF CSG 4700	TYPE MUD GC
MUD WT. 9.1	VISCOSITY 40
WATER LOSS 16	CAKE 2
CHLORIDE 9,000 ppm.	
RESISTIVITY .5 @ 68°	

TOOL DATA

NO. PACKERS 2	STRADDLE TEST
SIZE PACKERS 6 3/4	CSG TEST
CONVENTIONAL TEST	

TYPE TOOL	DEPTH	LENGTH	ID	OD
4 1/2" XHD P		9436	3.8	4 1/2
4 1/2" XHD C		752	2.3	6 3/4
Circ sub	10188	1		
1 DC	10219	31		
Shut In	10224	5		
Sam p.	10228	4		
Hyd. Tool	10233	5		
Tars	10239	6		
S. J.	10241	2		
packer	10247	6		
packer	10253	6		
perf				
rec.				
rec.		43		

DRLG. CONT Delta Drilg. RIG# 60

TOOLPUSHER Don White

PHONE

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 IS MADE.

TESTER Steve Lewis

APPROVED BY R. J. D. Baker