



FOSTER TESTERS, INC.

ODESSA, TEXAS

TEST TICKET NO. 3846

ORDER NO.

DATE NOVEMBER 25, 1973

COMPANY HARDING OIL & GAS COMPANY LEASE NEW MEXICO ST.34 WELL NO. 1

FIELD WILDCAT COUNTY LEA STATE NEW MEXICO TEST NO. 3

MAIL CHARTS TO AS DIRECTED

MAIL INVOICE TO 4317 OAK LAWN, DALLAS, TEXAS 75219

FORMATION TESTED DEVONIAN TOTAL DEPTH 12,365' MAIN HOLE 7 7/8" RAT HOLE -
INTERVAL TESTED FROM 12,205' TO 12,365' PACKER TYPE BOBTAIL SIZE 7" NUMBER 2
DRILL PIPE SIZE 4 1/2"XH I.D. 3.826" DRILL COLLAR SIZE 4 1/2"XH I.D. 2.25"
TIME PACKER SET 5:55 A.M. P.M. PACKER SET 5 HRS. 10 MIN. PRE FLO TIME 10 MINS.
INITIAL FLOW - MINS. 2ND FLOW - MINS. FINAL FLOW 120 MINS.
INITIAL SHUT-IN 60 MINS. 2ND SHUT-IN - MINS. FINAL SHUT-IN 120 MINS.
RECORDER TYPE AK-1 CAPACITY 7500&8000# NUMBER: TOP 2837 BOTTOM 3483
TOP RECORDER DEPTH 12,360' BOTTOM RECORDER DEPTH 12,365'
MAX. TEMP. 200° TEMP. DEPTH 12,361' CHOKE SIZE: TOP 1"ADJ. BOTTOM 5/8"
MUD TYPE FRESH MUD WEIGHT 9.3 VISCOSITY 66 FILTER CAKE 1/32 WTR. LOSS 5.2
FLUID CUSHION TYPE WATER AMOUNT 2350' REVERSED OUT YES NO X
CONVENTIONAL TEST YES STRADDLE TEST NO CASING TEST NO MISS RUN NO
SECOND ASSEMBLY YES ROTARY JAR YES SAFETY JOINT YES
SAMPLER YES X NO FFE FLOW TOOL YES NO X CIRC. SUB YES X NO
SURFACE ACTION: VERY WEAK BLOW OF AIR THROUGHOUT 10 MINUTE PRE FLOW. CLOSED TOOL
FOR 60 MINUTES, REOPENED WITH VERY WEAK BLOW OF AIR, INCREASING
TO STRONG BLOW IN 30 MINUTES. STRONG BLOW OF AIR THROUGHOUT RE-
MAINING 90 MINUTES OF FINAL FLOW THROUGH 1/4" CHOKE TO PITS. NO
GAS OR FLUID TO SURFACE.

RECOVERY: 2380' TOTAL FLUID: 2290' VERY SLIGHTLY GAS CUT WATER BLANKET.
90' HEAVY GAS & WATER CUT DRILLING MUD.

REMARKS: PIT SAMPLE 6,000 PPM CHLORIDES, RESISTIVITY 0.9 @ 80°.
FLUID SAMPLER DATA: 1200# PSI, 1.190 CUBIC FEET GAS, 1500 cc
HEAVY GAS CUT DRILLING MUD, NO OIL, NO WATER.
640' TOTAL DRILL COLLAR LENGTH. 17' PERFORATION.
PRE FLOW PRESSURE 1136-1266.

TESTER C. E. McCORMICK

TEST APPROVED BY JAKE ATWOOD

	RECORDER NO. 2837		RECORDER NO.		RECORDER NO.
A INITIAL HYDROSTATIC PRESSURE	5955	P.S.I.		P.S.I.	
B INITIAL SHUT IN PRESSURE	4312	P.S.I.	B-1	P.S.I.	
C INITIAL FLOW PRESSURE	2648	P.S.I.	C-1	P.S.I.	
D FINAL FLOW PRESSURE	1344	P.S.I.	D-1	P.S.I.	
E FINAL SHUT IN PRESSURE	4543	P.S.I.		P.S.I.	
F FINAL HYDROSTATIC PRESSURE	5698	P.S.I.		P.S.I.	