



OSTER TESTERS, INC.

ODESSA, TEXAS

TEST TICKET NO. 2289

ORDER NO. 120MD

DATE DECEMBER 14, 1969

COMPANY UNION OIL CO. OF CALIFORNIA LEASE STATE "32 A" WELL NO. 1

FIELD BAGLEY COUNTY LEA STATE NEW MEXICO TEST NO. 1

MAIL CHARTS TO UNION OIL CO. OF CALIF. P. O. BOX 671, MIDLAND, TEXAS 79701

MAIL INVOICE TO SAME

FORMATION TESTED STRAWN TOTAL DEPTH 10,150' MAIN HOLE 7 7/8" RAT HOLE -
INTERVAL TESTED FROM 10,050' TO 10,150' PACKER TYPE BT SIZE 6 5/8" NUMBER 2
DRILL PIPE SIZE 4 1/2" XH I.D. 3.80" DRILL COLLAR SIZE 4" H90 I.D. 2.25"
TIME PACKER SET 7:00 A.M. P.M. PACKER SET 5 HRS. 50 MIN. PRE FLO TIME 20 MINS.
INITIAL FLOW - MINS. 2ND FLOW - MINS. FINAL FLOW 90 MINS.
INITIAL SHUT-IN 60 MINS. 2ND SHUT-IN - MINS. FINAL SHUT-IN 180 MINS.
RECORDER TYPE AK-1 CAPACITY 7500#-9500# NUMBER: TOP 2837 BOTTOM 1261
TOP RECORDER DEPTH 10,145' BOTTOM RECORDER DEPTH 10,150'
MAX. TEMP. 146° TEMP. DEPTH 10,145' CHOKE SIZE: TOP 1" ADJ. BOTTOM 5/8"
MUD TYPE BRINE MUD WEIGHT 10 VISCOSITY 46 FILTER CAKE 1/32 WTR. LOSS 84
FLUID CUSHION TYPE - AMOUNT - REVERSED OUT YES X NO
CONVENTIONAL TEST YES STRADDLE TEST - CASING TEST - MISS RUN -
SECOND ASSEMBLY YES ROTARY JAR YES SAFETY JOINT YES
SAMPLER YES X NO FFE FLOW TOOL YES X NO CIRC. SUB YES X NO
SURFACE ACTION: TOOL OPENED WITH WEAK BLOW GRADUALLY INCREASING TO GOOD DURING
PRE FLOW. OPENED AGAIN WITH WEAK BLOW GRADUALLY GOING TO GOOD
THROUGH OUT FLOW PERIOD.

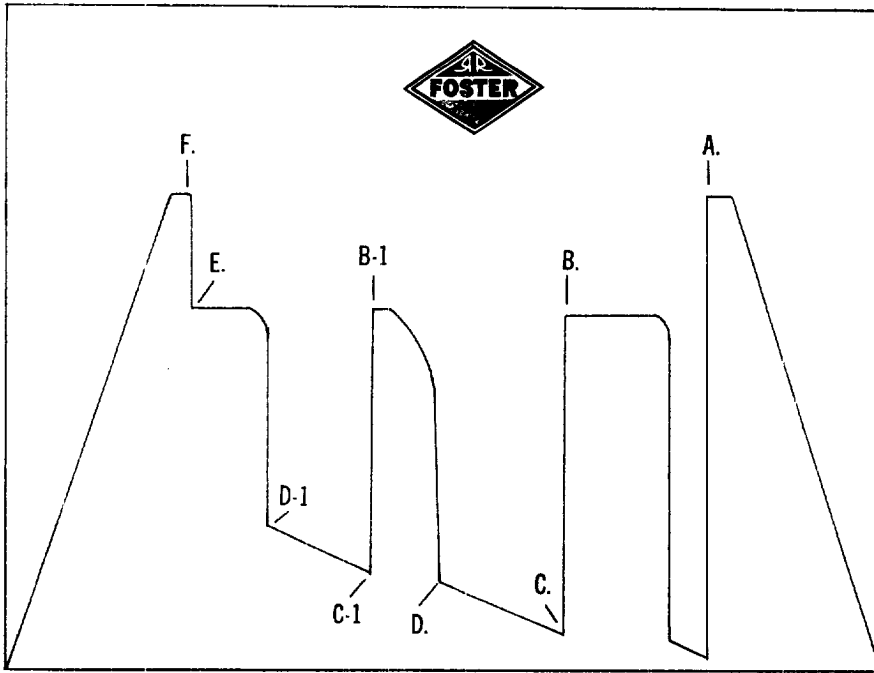
RECOVERY: 184' WATER CUT MUD. 38,000 P.P.M. CHLORIDES.
1891' WATER WITH SLIGHT SULPHUR CONTENT.
PIT SAMPLE 68,000 P.P.M. CHLORIDES. TOP SAMPLE 25,200 P.P.M.
MIDDLE SAMPLE 38,000 P.P.M. BOTTOM SAMPLE 40,000 P.P.M. CHLORIDES.
SAMPLER CONTENTS: 2500 cc FORMATION WATER. PRESSURE 25#.

REMARKS: 20 MINUTE PRE FLOW. 16' PERFORATION. 785' TOTAL DRILL COLLAR LENGTH.

TESTER C. E. CARL TEST APPROVED BY J. L. WHITE

	RECORDER NO. 2837		RECORDER NO.		RECORDER NO.
A INITIAL HYDROSTATIC PRESSURE	5312	P.S.I.		P.S.I.	P.S.I.
B INITIAL SHUT IN PRESSURE	2136	P.S.I.	B-1	P.S.I.	P.S.I.
C INITIAL FLOW PRESSURE	302	P.S.I.	C-1	P.S.I.	P.S.I.
D FINAL FLOW PRESSURE	571	P.S.I.	D-1	P.S.I.	P.S.I.
E FINAL SHUT IN PRESSURE	2148	P.S.I.		P.S.I.	P.S.I.
F FINAL HYDROSTATIC PRESSURE	5274	P.S.I.		P.S.I.	P.S.I.

IDENTIFICATION OF DRILL STEM TEST PRESSURE CHARTS



- A. INITIAL HYD. FLUID
- B. INITIAL SHUT IN
- C. INITIAL FLOW
- D. FINAL FLOW
- E. FINAL SHUT IN
- F. FINAL HYD. FLUID
- B-1 SECOND SHUT IN
- C-1 SECOND FLOW
- D-1 FINAL FLOW

