



# FOSTER TESTERS, INC.

ODESSA, TEXAS

TEST TICKET NO. 2841

ORDER NO.

DATE MARCH 2, 1972

COMPANY YATES PETROLEUM CORP. LEASE JOHNSTON B.E. WELL NO. 1

FIELD WILDCAT COUNTY EDDY STATE NEW MEXICO TEST NO. 3

MAIL CHARTS TO YATES PETROLEUM CORP. 207 So. 4th. STREET, ARTESIA, NEW MEXICO 88210

MAIL INVOICE TO SAME

FORMATION TESTED MARROW TOTAL DEPTH 9122' MAIN HOLE 7 7/8 RAT HOLE -  
INTERVAL TESTED FROM 9046' TO 9122' PACKER TYPE BT SIZE 5 1/2 NUMBER 2  
DRILL PIPE SIZE 3 1/2" I.F. I.D. 2.764 DRILL COLLAR SIZE 3 1/2" I.F. I.D. 2.25  
TIME PACKER SET 10:05 A.M. P.M. PACKER SET 4 HRS. 15 MIN. PRE FLO TIME 15 MINS.  
INITIAL FLOW 60 MINS. 2ND FLOW - MINS. FINAL FLOW 60 MINS.  
INITIAL SHUT-IN - MINS. 2ND SHUT-IN - MINS. FINAL SHUT-IN 120 MINS.  
RECORDER TYPE AK-1 CAPACITY 7500#, 8000# NUMBER: TOP 2837 BOTTOM 1645  
TOP RECORDER DEPTH 9117' BOTTOM RECORDER DEPTH 9122'  
MAX. TEMP. 168° TEMP. DEPTH 9118' CHOKE SIZE: TOP 1" ADJ. BOTTOM 5/8  
MUD TYPE GEL, CHEM MUD WEIGHT 8.8 VISCOSITY 45 FILTER CAKE 2/32 WTR. LOSS 6.0  
FLUID CUSHION TYPE - AMOUNT - REVERSED OUT YES NO X  
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 NO X CIRC. SUB YES NO X  
SURFACE ACTION: TOOL OPEN WITH WEAK INCREASING TO FAIR BLOW OF AIR. NO GAS OR FLUID  
TO SURFACE. REOPEN TOOL WITH WEAK TO FAIR BLOW THROUGH OUT TEST. NO GAS  
OR FLUID TO SURFACE.

RECOVERY: 120' WATER CUT DRILLING MUD, 576' SALT WATER

PIT SAMPLE= CHLORIDES 7,000 P.P.M., RESISTIVITY 0.9 @ 65°

TEST CHLORIDES 43,000 P.P.M., RESISTIVITY 0.15 @ 72°, NO GAS OR OIL SHOW.

FLUID SAMPLER DATA= 650# PRESSURE, 1.4 CUBIC FT. GAS, 2800 C.C. SALT  
WATER, NO OIL.

REMARKS: 15 MINUTES PRE FLOW TIME.  
396' TOTAL DRILL COLLAR LENGTH.  
18' PERFORATION LENGTH.

RECEIVED  
APR 28 1972  
U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

TESTER C. E. MCCORMICK TEST APPROVED BY EDDIE MAHFOOD

|                                | RECORDER NO. | 2837   | RECORDER NO. | RECORDER NO. |
|--------------------------------|--------------|--------|--------------|--------------|
| A INITIAL HYDROSTATIC PRESSURE | 4285         | P.S.I. | P.S.I.       | P.S.I.       |
| B INITIAL SHUT IN PRESSURE     | 3562         | P.S.I. | B-1          | P.S.I.       |
| C INITIAL FLOW PRESSURE        | 94           | P.S.I. | C-1          | P.S.I.       |
| D FINAL FLOW PRESSURE          | 340          | P.S.I. | D-1          | P.S.I.       |
| E FINAL SHUT IN PRESSURE       | 3562         | P.S.I. | P.S.I.       | P.S.I.       |
| F FINAL HYDROSTATIC PRESSURE   | 4133         | P.S.I. | P.S.I.       | P.S.I.       |