

# BIG E TESTERS

A Division of Big E Industries, Inc.

ODESSA, TEXAS

TEST TICKET NO. 1486

ORDER NO.

DATE 11-4-77

COMPANY GAS PRODUCTION ENTERPRISE LEASE CHAMBERS ST. WELL NO. 1

FIELD COUNTY LEA STATE NEW MEXICO TEST NO. 1

MAIL CHARTS TO BOX 235, MIDLAND, TEXAS 79702

MAIL INVOICE TO SAME

FORMATION TESTED WOLFCAMP-MORROW TOTAL DEPTH 10,620 MAIN HOLE 7 7/8" RAT HOLE -

INTERVAL TESTED FROM 10,540' TO 10,620' 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 1/2"

TIME PACKER SET 10:15 A.M. P.M. PACKER SET 4 HRS. 5 MIN. PRE FLO TIME - MINS.

INITIAL FLOW 5 MINS. 2ND FLOW - MINS. FINAL FLOW 60 MINS.

INITIAL SHUT-IN 60 MINS. 2ND SHUT-IN - MINS. FINAL SHUT-IN 120 MINS.

RECORDER TYPE AK-1 CAPACITY 6000, 9500 NUMBER: TOP 3355 BOTTOM 1261

TOP RECORDER DEPTH 10,615' BOTTOM RECORDER DEPTH 10,619'

MAX. TEMP. 200 TEMP. DEPTH 10,616 CHOKE SIZE: TOP 1" adj. BOTTOM 5/8"

MUD TYPE GEL MUD WEIGHT 9.1 VISCOSITY 35 FILTER CAKE 1/32" WTR. LOSS 18

FLUID CUSHION TYPE - AMOUNT - REVERSED OUT YES X NO

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 X NO CIRC. SUB YES X NO

SURFACE ACTION: OPENED TOOL AT 10:18 WITH GOOD BLOW. SHUT TOOL IN FOR 60 MINUTE INITIAL SHUT IN PERIOD. REOPENED TOOL FOR 60 MINUTE FINAL FLOW PERIOD WITH FAIR BLOW, BLOW INCREASED TO STRONG BLOW. OPENED TO PIT ON 1/2" CHOKE, GAS TO THE SURFACE IN 4 MINUTES. IN 5 MINUTES HAD 4 LBS. OF PRESSURE, IN 6 MINUTES HAD 6 LBS. OF PRESSURE, IN 8 MINUTES HAD 11 LBS. OF PRESSURE, IN 10 MINUTES HAD 16 LBS. OF PRESSURE, IN 12 MINUTES HAD 20 LBS. OF PRESSURE, IN 14 MINUTES HAD 22 LBS. OF PRESSURE, IN 16 MINUTES HAD 23 1/2 LBS. OF PRESSURE, IN 18 MINUTES HAD 25 LBS. OF PRESSURE, IN 20 MINUTES HAD 25 1/2 LBS. OF PRESSURE, IN 25 MINUTES HAD 29 1/2 LBS. OF PRESSURE, IN 30 MINUTES HAD 33 3/4 LBS. OF PRESSURE, IN 35 MINUTES HAD 36 1/2 LBS. OF PRESSURE, IN 40 MINUTES HAD 40 LBS. OF PRESSURE, IN 45 MINUTES HAD 41 1/2 LBS. OF PRESSURE, IN 50 MINUTES HAD 43 LBS. OF PRESSURE, IN 60 MINUTES HAD 47 1/2 LBS. OF PRESSURE. GAS ESTIMATED AT 355,000 C.F.P.D. SHUT TOOL IN FOR 120 MINUTE FINAL SHUT IN PERIOD. PULLED LOOSE AT 2:20.

RECOVERY: 1200' HEAVY GAS AND OIL CUT DRILLING MUD.

REMARKS: SAMPLER DATA: 300 CC OIL  
2,765 CUBIC FEET OF GAS  
DRILL COLLAR LENGTH 557'  
PERFORATION LENGTH 49'  
INITIAL FLOW 387-387

TESTER BILL DOZIER TEST APPROVED BY LAWRENCE MERWORTH

	3355 RECORDER NO.FIELD		RECORDER NO.	3355 RECORDER NO.CORRECTED
A INITIAL HYDROSTATIC PRESSURE	5041 P.S.I.		P.S.I.	5025 P.S.I.
B INITIAL SHUT IN PRESSURE	3260 P.S.I.	B-1	P.S.I.	3266 P.S.I.
C INITIAL FLOW PRESSURE	395-395 P.S.I.	C-1	P.S.I.	387-387 P.S.I.
D FINAL FLOW PRESSURE	366-527 P.S.I.	D-1	P.S.I.	387-534 P.S.I.
E FINAL SHUT IN PRESSURE	3214 P.S.I.		P.S.I.	3214 P.S.I.
F FINAL HYDROSTATIC PRESSURE	5025 P.S.I.		P.S.I.	5025 P.S.I.