



28-95-24w

3

P. O. BOX 547 GLADSTONE 3-3370  
GREAT BEND, KANSAS

DATE 8.5.63 SEC. 28 TWN. 95 RG. 24<sup>w</sup> LEGAL DESCRIPTION \_\_\_\_\_

COMPANY K & E Drilling Co. ELEV. 2538' D.F.

ADDRESS \_\_\_\_\_

LEASE Kohart WELL NO. #2 COUNTY Graham

INVOICES SENT TO: 719 Union Center Bldg. Wichita, Ks.

CHARTS SENT TO: Same.

TOOL JT. <u>4" &amp; 4 1/2" FH.</u>	SIZE HOLE <u>7 7/8</u>	SIZE PACKER <u>6 3/4</u>	TEST NO. <u>#1</u>
INITIAL CIP - HR. <u>30</u> MIN: TOOL OPEN, 1ST FLOW - HR. <u>5</u> MIN: 2ND FLOW <u>1</u> HR. <u>30</u> MIN: FINAL CIP - HR. <u>30</u> MIN:			
DEPTH <u>3923</u>	TESTED FROM <u>3917</u>	TO <u>3923</u>	SUCCESSFUL NO. <u>#1</u>
INITIAL HYD. <u>2030</u> # <u>(2080)</u>	FINAL HYD. <u>2025</u> # <u>(2060)</u>	MISRUN NO. <u>0</u>	
INITIAL SHUT-IN PRESSURE <u>(1410) 1390</u> #	INITIAL FLOW PRESSURE <u>(901) 90</u> #	FINAL FLOW PRESSURE <u>(880) 580</u> #	
FINAL SHUT-IN PRESSURE <u>(1355) 1365</u> #	BOTTOM HOLE TEMP. <u>121</u> °	FIELD ORDER NO. _____	
MUD WEIGHT <u>10.7</u>	VISCOSITY <u>45</u>	WATER LOSS <u>25</u> -	C.C. _____
SP. GRAVITY OIL _____	I.D. DRILL COLLARS <u>—</u>	AMT. OF FLEXWEIGHT <u>17 1/2 stands.</u>	

BLOW: Good Blow Throughout Test.

RECOVERY: 1200' Gas in Pipe  
35' Oil cut mud.  
60' very heavy oil cut mud  
125' slightly mud cut oil. - 230' oil.  
825' very slight oil cut water.

EXTRA EQUIPMENT None OPERATOR TIME 14 PRICE OF JOB \$210.00

FORMATION TESTED K.C.

APPROVED BY: W. L. Bamegan

OUR REPRESENTATIVE Gary Marshall

**MILLER TESTING COMPANY**  
 SHALL NOT BE 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 STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

TICKET No 6658

# MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company K AND E DRILLING COMPANY

Lease and Well No. KOHART # 1

County GRAHAM State KANSAS Date AUGUST 5, 1963

Formation Test No. 1 Total Depth 3923

Interval Tested 3917 To 3923 Anchor Length 6'

Size Hole 7 7/8 Size Drill Pipe 4 & 1/2 PH Size Packer 6 3/4

Mud Weight 10.7 Viscosity 45 Bottom Hole Temp. 121 ° F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 6658

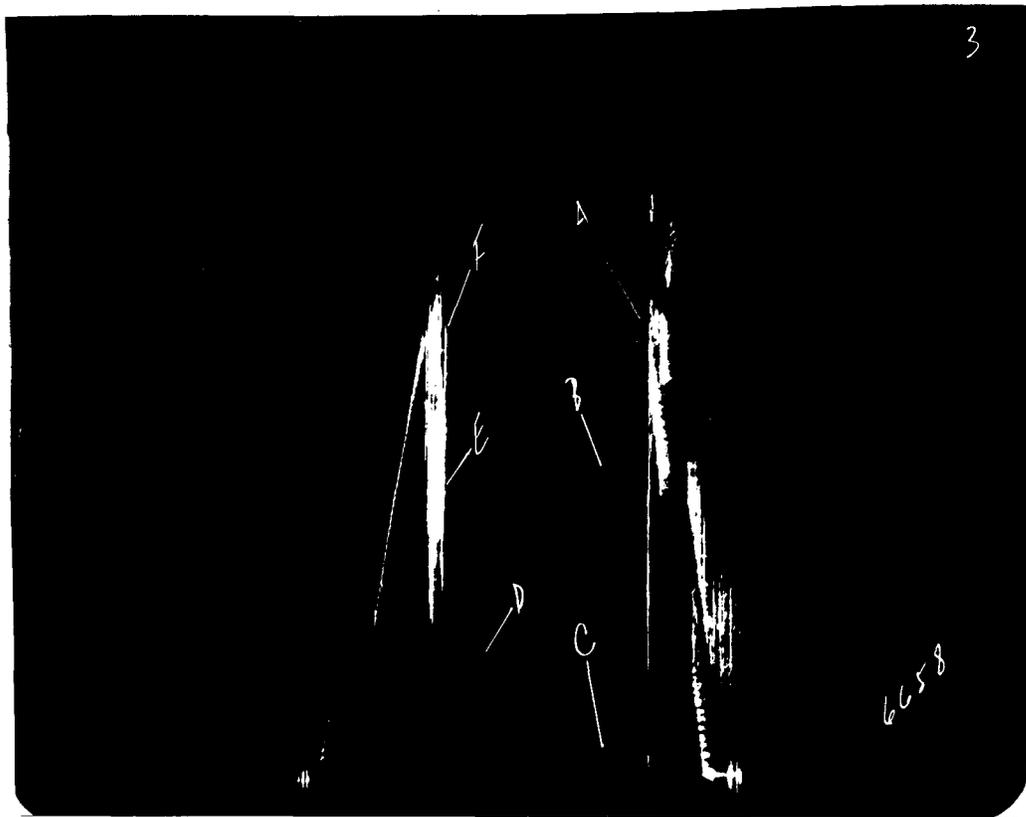
## RECOVERY

### GOOD BLOW THROUGHOUT TEST

1200 FEET OF GAS IN DRILL PIPE  
35 FEET OF OIL CUT MUD  
60 FEET VERY HEAVY OIL CUT MUD  
125 FEET SLIGHTLY MUD CUT OIL  
230 FEET OIL  
825 FEET VERY SLIGHTLY OIL CUT WATER

Lease and Well No. KOHART # 1 28 9 24  
Formation Test No. 1

Pressure: Each Square \_\_\_\_\_ psi



Tool Open 1 hr. 35 mins: Shut-in: Initial \_\_\_\_\_ hr. 30 mins: Final \_\_\_\_\_ hr. 30 mins.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2030</u>	<u>2080</u>
(B) Initial Shut-in Pressure	<u>1390</u>	<u>1410</u>
(C) Initial Flow Pressure	<u>90</u>	<u>110</u>
(D) Final Flow Pressure	<u>580</u>	<u>580</u>
(E) Final Shut-in Pressure	<u>1365</u>	<u>1355</u>
(F) Final Hydrostatic Pressure	<u>2025</u>	<u>2060</u>



P. O. BOX 547 GLADSTONE 3-3370  
GREAT BEND, KANSAS

DATE 8-6-63 SEC. 28 TWN. 9S RG. 24W LEGAL DESCRIPTION \_\_\_\_\_  
COMPANY K. & E. Drilg. Co. ELEV. 2538 D.F.  
ADDRESS 719 UNION Center Bldg. Wichita, KS.  
LEASE Kohart WELL NO. #2 COUNTY Graham  
INVOICES SENT TO: same  
CHARTS SENT TO: "

TOOL JT	<u>4" &amp; 4 1/2"</u>	SIZE HOLE	<u>7 7/8</u>	SIZE PACKER	<u>6 3/4</u>	TEST NO.	<u>#2</u>
INITIAL CIP	<u>-30</u>	HR. MIN: TOOL OPEN, 1ST FLOW	<u>10</u>	HR. MIN: 2ND FLOW	<u>2</u>	HR. MIN: FINAL CIP	<u>45</u>
DEPTH	<u>3959</u>	TESTED FROM	<u>3944</u>	TO	<u>3959</u>	SUCCESSFUL NO.	<u>#2</u>
INITIAL HYD.	<u>2085# (2115)</u>	FINAL HYD.	<u>2070# (2080)</u>	MISRUN NO.	<u>0</u>		
INITIAL SHUT-IN PRESSURE	<u>1300# (1300)</u>	INITIAL FLOW PRESSURE	<u>60# (65)</u>	FINAL FLOW PRESSURE	<u>145# (152)</u>		
FINAL SHUT-IN PRESSURE	<u>1285# (1297)</u>	BOTTOM HOLE TEMP.	<u>120°</u>	FIELD ORDER NO.			
MUD WEIGHT	<u>10.2</u>	VISCOSITY	<u>45</u>	WATER LOSS	<u>20</u>	C.C.	
SP. GRAVITY OIL		I.D. DRILL COLLARS	<u>—</u>	AMT. OF FLEXWEIGHT	<u>17 1/2 stands</u>		

BLOW: Fair Blow Throughout Test.

RECOVERY: 1175' Gas in Pipe.  
326' Very Heavy Oil & Gas cut Mud.  
With some Free Oil.

EXTRA EQUIPMENT None OPERATOR TIME 14 PRICE OF JOB 210.<sup>00</sup>

FORMATION TESTED K. C.

APPROVED BY: W. H. Simeon

OUR REPRESENTATIVE: Gary Marshall

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TICKET N<sup>o</sup> 6659

# MILLER TESTING COMPANY

Box 547

## GREAT BEND, KANSAS

Company K AND E DRILLING COMPANY

Lease and Well No. KOHART # 1

County GRAHAM State KANSAS Date AUGUST 6, 1963

Formation Test No. 2 Total Depth 3959  
Interval Tested 3944 To 3959 Anchor Length 15'  
Size Hole 7 7/8 Size Drill Pipe 4 and 1/2 PH Size Packer 6 3/4  
Mud Weight 10.2 Viscosity 45 Bottom Hole Temp. 120 ° F  
Chokes: Top 1/2 Bottom 1/2 Ticket No. 6659

### RECOVERY

**FAIR BLOW THROUGHOUT TEST**

**1175 FEET OF GAS IN DRILL PIPE  
326 FEET VERY HEAVY OIL AND GAS  
CUT MUD WITH SOME FREE OIL**

Lease and Well No.

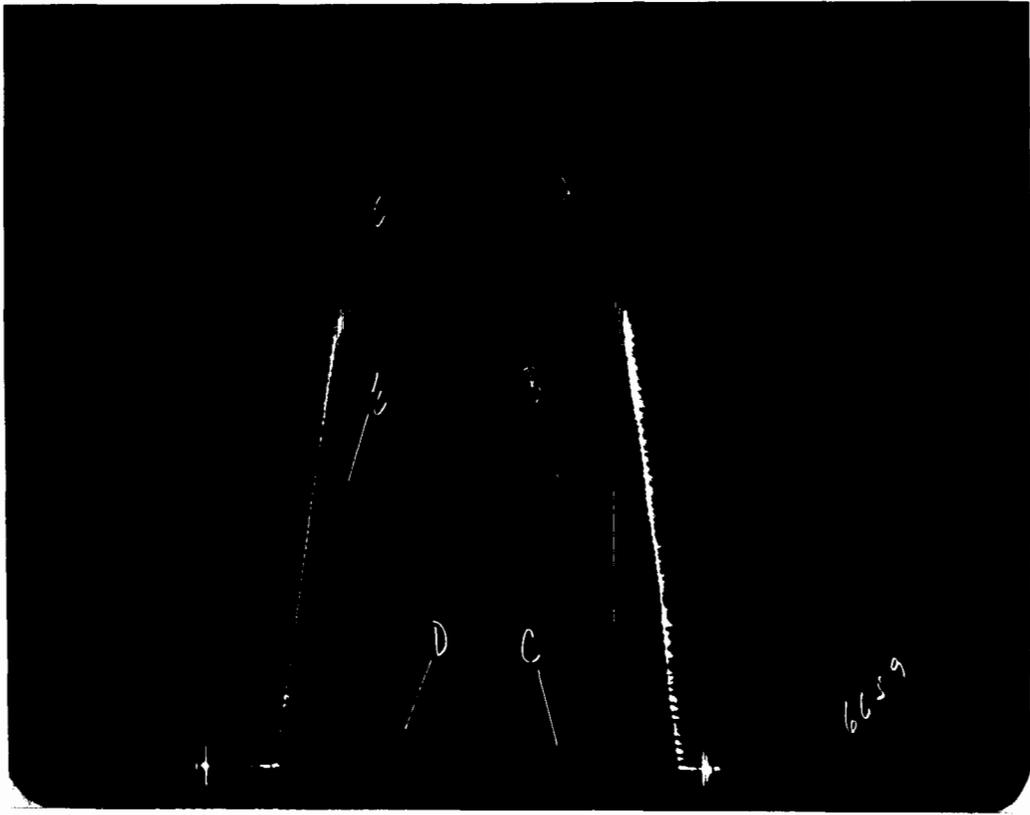
KOHART # 1

28 9 24

Formation Test No.

2

Pressure: Each Square \_\_\_\_\_ psi



Tool Open 2 hr. 10 mins: Shut-in: Initial \_\_\_\_\_ hr. 30 mins: Final \_\_\_\_\_ hr. 45 mins.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2085</u>	<u>2115</u>
(B) Initial Shut-in Pressure	<u>1300</u>	<u>1300</u>
(C) Initial Flow Pressure	<u>50</u>	<u>65</u>
(D) Final Flow Pressure	<u>145</u>	<u>152</u>
(E) Final Shut-in Pressure	<u>1285</u>	<u>1287</u>
(F) Final Hydrostatic Pressure	<u>2070</u>	<u>2080</u>

# MILLER

## TESTING COMPANY

P. O. BOX 547 GLADSTONE 3-3370

GREAT BEND, KANSAS

DATE 8-6-63 SEC. 28 TWN. 9S RG. 24W LEGAL DESCRIPTION \_\_\_\_\_

COMPANY K & F Drilg. Co. ELEV. 2538DF

ADDRESS 719 UNION Center Bldg. Wichita, Ks.

LEASE Kohart WELL NO. #2 COUNTY GRAHAM

INVOICES SENT TO: SAME

CHARTS SENT TO: "

TOOL JT. <u>4" &amp; 4 1/2"</u>	SIZE HOLE <u>7 7/8</u>	SIZE PACKER <u>6 3/4</u>	TEST NO. <u>#3</u>
INITIAL CIP - HR. <u>30</u> MIN: TOOL OPEN, 1ST FLOW - HR. <u>10</u> MIN: 2ND FLOW <u>1</u> HR. <u>30</u> MIN: FINAL CIP - HR. <u>30</u> MIN:			
DEPTH <u>4023'</u>	TESTED FROM <u>4000'</u>	TO <u>4023'</u>	SUCCESSFUL NO. <u>#3</u>
INITIAL HYD. <u>2145# (2145)</u>	FINAL HYD. <u>2130# (2135)</u>	MISRUN NO. <u>0</u>	
INITIAL SHUT-IN PRESSURE <u>1275# (1245)</u>	INITIAL FLOW PRESSURE <u>180# (171)</u>	FINAL FLOW PRESSURE <u>185# (172)</u>	
FINAL SHUT-IN PRESSURE <u>585# (590)</u>	BOTTOM HOLE TEMP. _____	FIELD ORDER NO. _____	
MUD WEIGHT <u>10.1</u>	VISCOSITY <u>40</u>	WATER LOSS <u>20</u>	C.C. _____
SP. GRAVITY OIL _____	I.D. DRILL COLLARS _____	AMT. OF FLEXWEIGHT <u>17 1/2 stands</u>	

BLOW: Good Blow Throughout Test.

RECOVERY: 1200' Gas in Pipe.  
30' Oil specked mud  
60' Oil & Gas cut mud.  
60' Heavy Oil & Gas cut mud.  
150' Very Heavy Oil Gas cut mud - 95' Muddy Gassy Oil.

EXTRA EQUIPMENT None OPERATOR TIME 14 PRICE OF JOB \$210.00

FORMATION TESTED K. C.

APPROVED BY: W. G. Brinegar

OUR REPRESENTATIVE: Gary Marshall

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TICKET No 6660

# MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company E AND E DRILLING COMPANY

Lease and Well No. REHART # 1

County GRAHAM State KANSAS Date AUGUST 6, 1963

Formation Test No. 3 Total Depth 4023

Interval Tested 4000 To 4023 Anchor Length 23'

Size Hole 7 7/8 Size Drill Pipe 4 & 1/2 FN Size Packer 6 3/4

Mud Weight 10.1 Viscosity 40 Bottom Hole Temp.          ° F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 6660

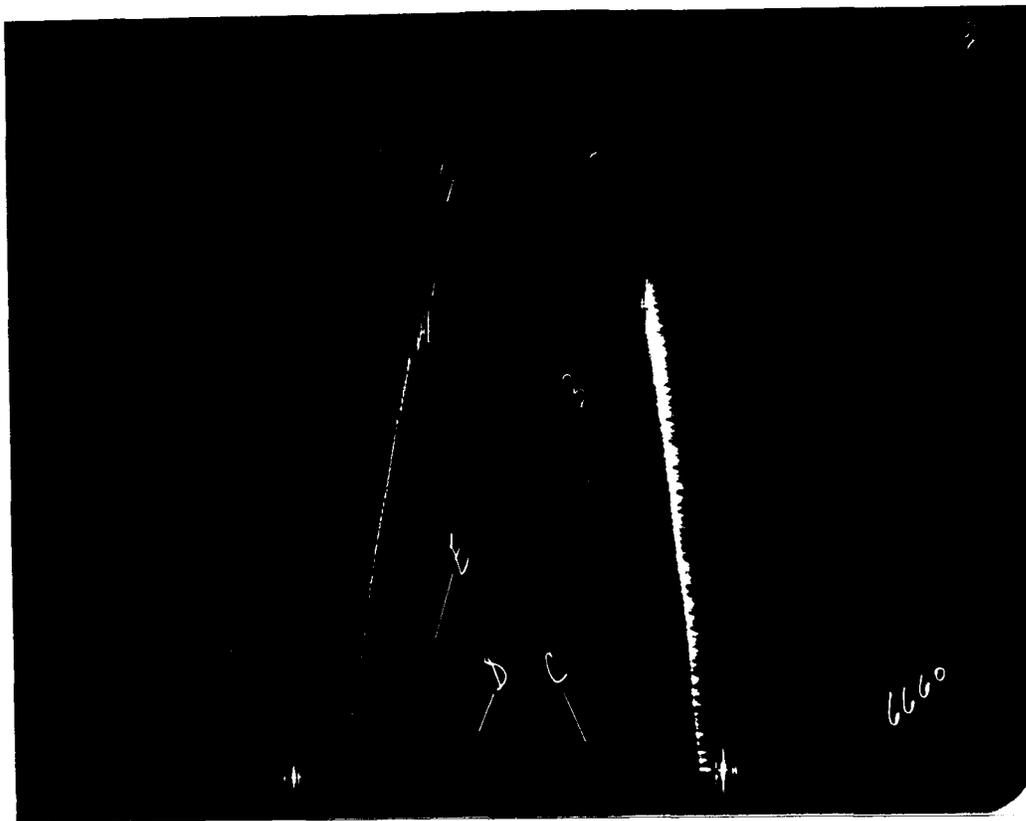
## RECOVERY

GOOD BLOW THROUGHOUT TEST

1200 FEET OF GAS IN DRILL PIPE  
30 FEET OF OIL SPECKED MUD  
60 FEET OF OIL AND GAS CUT MUD  
60 FEET OF HEAVY OIL AND GAS CUT MUD  
150 FEET OF VERY HEAVY OIL GAS CUT MUD  
95 FEET MUDDY GASSEY OIL

Lease and Well No. REHART # 1  
28924  
Formation Test No. 3

Pressure: Each Square \_\_\_\_\_ psi



Tool Open 1 hr. 40 mins: Shut-in: Initial \_\_\_\_\_ hr. 30 mins: Final \_\_\_\_\_ hr. 30 mins.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2145</u>	<u>2190</u>
(B) Initial Shut-in Pressure	<u>1275</u>	<u>1265</u>
(C) Initial Flow Pressure	<u>80</u>	<u>82</u>
(D) Final Flow Pressure	<u>185</u>	<u>152</u>
(E) Final Shut-in Pressure	<u>585</u>	<u>590</u>
(F) Final Hydrostatic Pressure	<u>2130</u>	<u>2175</u>