

DATE 7/29/78  
 SEC. 25 TWN 15 RG 9



TICKET N<sup>o</sup> 17615  
 TEST NO. #1

LEGAL DESCRIPTION \_\_\_\_\_  
 P. O. BOX 547 PHONE (316) 793-3370  
 GREAT BEND, KANSAS

COMPANY ILUS Industries Inc.  
 ADDRESS Executive Bldg Suite 128 4121 W 83rd St - Prairie Village MO 66208  
 LEASE Kihw WELL NO. #1 COUNTY Ellsworth STATE Kansas  
 INVOICES SENT TO: same  
 DST COPIES SENT TO: same

GENERAL INFORMATION			
TOOL JT. <u>4 1/2"</u>	HOLE SIZE <u>7 7/8"</u>	PACKER O.D. <u>6 3/4"</u>	
ELEV. _____	TOTAL DEPTH <u>1990</u>		
TESTED FROM <u>1865</u>	TO <u>1990</u>		
ANCHOR LENGTH BELOW <u>125'</u>	BETWEEN <u>-</u>		
TOOL OPEN 1ST FLOW <u>11:50</u>	A.M.		P.M.
TOOL CLOSED INITIAL SHUT-IN <u>12:50</u>	A.M.		P.M.
TOOL OPEN 2ND FLOW <u>1:35</u>	A.M.		P.M.
TOOL CLOSED FINAL SHUT-IN <u>2:35</u>	A.M.		P.M.
MUD WT <u>9.2</u>	VISCOSITY <u>35</u>	W.L. <u>11.1</u>	C.C.
SP. GRAVITY OIL _____	BOTTOM HOLE TEMPERATURE <u>86°</u>		
LENGTH DRILL COLLAR <u>309'</u>	I.D. _____		
LENGTH WEIGHT PIPE _____	I.D. _____		
SUCCESSFUL TEST NO. _____	MISRUN NO. _____		
CHOKES: TOP <u>1/2"</u>	BOTTOM <u>1/2"</u>		

PRESSURE DATA & TIME		
	FIELD READINGS	CORRECTED READINGS
INITIAL HYDROSTATIC	<u>1130</u>	<u>1186</u>
INITIAL 1ST FLOW	<u>115</u>	<u>127</u>
FINAL 1ST FLOW	<u>126</u>	<u>131</u>
INITIAL SHUT-IN	<u>729</u>	<u>741</u>
INITIAL 2ND FLOW	<u>138</u>	<u>138</u>
FINAL 2ND FLOW	<u>138</u>	<u>138</u>
FINAL SHUT-IN	<u>707</u>	<u>719</u>
FINAL HYDROSTATIC	<u>1108</u>	<u>1131</u>
TOOL OPEN: 1ST FLOW	HR. <u>60</u>	MIN.
INITIAL SHUT-IN	HR. <u>45</u>	MIN.
2ND FLOW	HR. <u>60</u>	MIN.
FINAL SHUT-IN	HR. <u>45</u>	MIN.
TOP RECORDER NO. <u>4339</u>	BOTTOM RECORDER NO. <u>4332</u>	

TYPE BLOW Good Blow Gas to Surface 18 Min  
2nd opening stable AT - 33.9 MCF/day

RECOVERY: \_\_\_\_\_  
64' Gas Cut Mud.

EXTRA EQUIPMENT None  
 APPROVED BY: Ray Gester  
 TESTER: James Rager  
 FORMATION TESTED JARKIO  
 OPERATOR TIME: Thank you

**MILLER TESTING COMPANY**  
 SHALL NOT BE LIABLE FOR ANY 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 WAS MADE.

CHARGES	
TEST CHARGE	\$ <u>400.00</u>
EXTRA PACKERS	\$ _____
JARS	\$ _____
SAFETY JOINT	\$ _____
HOOK WALL	\$ _____
MISRUN CHARGE	\$ _____
STAND-BY CHARGE	\$ _____
DST EVALUATION	\$ _____
STRADDLE	\$ _____
TOTAL	\$ <u>400.00</u>

# LLER TESTING COMPAN

Box 547

GREAT BEND, KANSAS

Company ILUS INDUSTRIES, INC.

Lease and Well No. KIHN #1

County ELLSWORTH State KANSAS Date 7-29-78

Formation Test No. 1 Total Depth 1990 Elev. \_\_\_\_\_

Interval Tested 1865 To 1990 Anchor Length 125'

Size Hole 7 7/8 Size Drill Pipe 4 1/2 F H Size Packer 6 3/4

Mud Weight 9.2 Viscosity 35 Water Loss 11.1 c.c. Bottom Hole Temp. 86 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 17615

Length of Drill Collar 309 I. D. \_\_\_\_\_ Length Flexweight \_\_\_\_\_ I. D. \_\_\_\_\_

## RECOVERY

GOOD BLOW-GAS TO SURFACE IN 18 MINUTES. SECOND OPENING  
STABILIZED AT - 33.9 MCF/DAY.

FIRST OPENING: GAUGED THROUGH 1/2" ORIFICE.

20 MINUTES	20.9 M.C.F.P.D.
30 MINUTES	25.8 M.C.F.P.D.
40 MINUTES	29.4 M.C.F.P.D.
50 MINUTES	31.9 M.C.F.P.D.
60 MINUTES	33.2 M.C.F.P.D.

SECOND OPENING:

10 MINUTES	33.9 M.C.F.P.D.
20 MINUTES	33.9 M.C.F.P.D.
30 MINUTES	33.9 M.C.F.P.D.
40 MINUTES	33.9 M.C.F.P.D.
50 MINUTES	33.9 M.C.F.P.D.
60 MINUTES	33.9 M.C.F.P.D.

64 FEET OF GAS CUT MUD.

Lease and Well No. KIHN #1

25-155-9W

Formation Test No. 1





Lease and Well No. \_\_\_\_\_

KITH #1

25-15S-9W

Formation Test No. \_\_\_\_\_

2



# DRILL STEM TEST REPORT

# MULLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company ILUS INDUSTRIES, INC.

Lease and Well No. KIHN #1

County ELLSWORTH State KANSAS Date 8-1-78

Formation Test No. 2 Total Depth 2720 Elev. \_\_\_\_\_

Interval Tested 2699 To 2720 Anchor Length 21'

Size Hole 7 7/8 Size Drill Pipe 4 1/2 F H Size Packer 6 3/4

Mud Weight 9.9 Viscosity 38 Water Loss 14 c.c. Bottom Hole Temp. 100 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 17616

Length of Drill Collar 183 I. D. \_\_\_\_\_ Length Flexweight \_\_\_\_\_ I. D. \_\_\_\_\_

## RECOVERY

FAIR INCREASING BLOW. SECOND FLOW - FAIR STEADY BLOW.

186 FEET OF GAS IN PIPE.

124 FEET OF VERY SLITHT OIL CUT AND GAS CUT MUD.

124 FEET OF SLIGHTLY OIL CUT AND GAS CUT WATERY MUD.

Lease and Well No. KIHN #1

25-155-9W

Formation Test No. 2

COMPANY ILUS INDUSTRIES, INC.

DATE 8-1-78

LEASE KIHM

WELL NO. 1

TEST NO. 2

TICKET NO. 17616

	TIME	PSI
INITIAL HYDRO MUD PRESSURE		1496
INITIAL CLOSED IN PRESSURE	60 MINUTES	908
INITIAL FLOW	60 MINUTES	81 - 104
FINAL FLOW	60 MINUTES	127 - 127
FINAL CLOSED IN PRESSURE	60 MINUTES	853
FINAL HYDRO MUD PRESSURE		1473

TOTAL DEPTH 2720

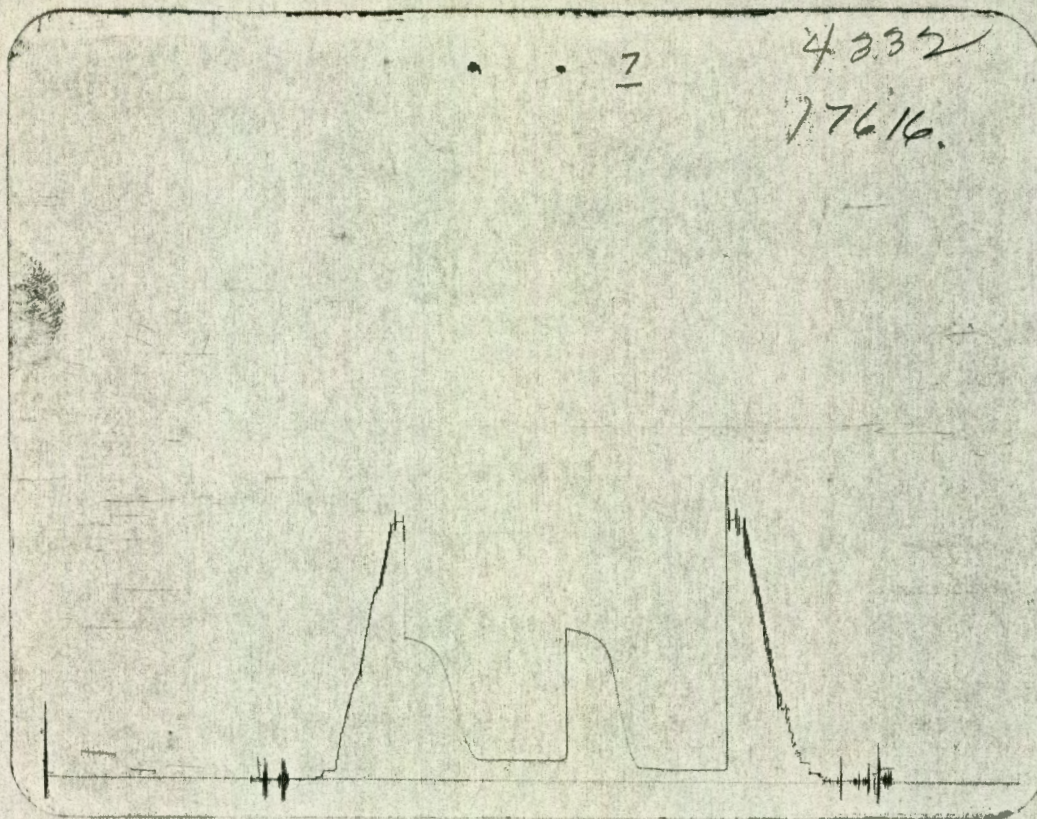
PACKER DEPTH 2699

AK-1 NO. 4339 DEPTH 2715

1ST FLOW PRESSURE		INITIAL CIP		2ND FLOW PRESSURE		FINAL CIP	
	81		104		127		127
	82		150		127		173
	83		230		127		265
	85		346		127		346
	88		518		127		484
	92		663		127		618
	104		797		127		696
			842				752
			864				797
			886				820
			900				842
			906				848
			908				853
10	MINUTE INTERVAL	5	MINUTE INTERVAL	10	MINUTE INTERVAL	5	MINUTE INTERVAL

REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**SPECIAL PRESSURE DATA**



Tool Open: 1st Flow hr. 60 mins: Shut-in Initial hr. 60 min: 2nd Flow hr. 60 min: Shut-in Final hr. 60 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	1462	1496
(B) Initial 1st Flow Pressure	69	81
(C) Final 1st Flow Pressure	92	104
(D) Initial Shut-in Pressure	908	908
(E) Initial 2nd Flow Pressure	126	127
(F) Final 2nd Flow Pressure	126	127
(G) Final Shut-in Pressure	841	853
(H) Final Hydrostatic Pressure	1451	1473

17616

Lease and Well No. \_\_\_\_\_

KITH #1 \_\_\_\_\_

25-158-9W \_\_\_\_\_

Formation Test No. \_\_\_\_\_

3 \_\_\_\_\_



# DRILL STEM TEST REPORT

# MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company ILUS INDUSTRIES, INC.

Lease and Well No. KIHN #1

County ELLSWORTH State KANSAS Date 8-2-78

Formation Test No. 3 Total Depth 2768 Elev. \_\_\_\_\_

Interval Tested 2752 To 2768 Anchor Length 16'

Size Hole 7 7/8 Size Drill Pipe 4 1/2 F H Size Packer 6 3/4

Mud Weight 9.9 Viscosity 38 Water Loss 14 c.c. Bottom Hole Temp. 108 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 17617

Length of Drill Collar 246 I. D. \_\_\_\_\_ Length Flexweight \_\_\_\_\_ I. D. \_\_\_\_\_

## RECOVERY

WEAK BLOW THROUGHOUT TEST.  
SLID 10 FEET TO BOTTOM AFTER TOOL OPENED.

186 FEET OF GAS IN PIPE.  
62 FEET OF SLIGHTLY OIL CUT AND GAS CUT MUD.  
248 FEET OF HEAVY OIL CUT AND GAS CUT MUD.

Lease and Well No.

KIHN #1

25-158-9W

Formation Test No.

3

COMPANY ILUS INDUSTRIES, INC. DATE 8-2-78  
 LEASE KIHN WELL NO. 1 TEST NO. 3 TICKET NO. 17617

	TIME	PSI
INITIAL HYDRO MUD PRESSURE		1529
INITIAL CLOSED IN PRESSURE	60 MINUTES	730
INITIAL FLOW	60 MINUTES	108 - 115
FINAL FLOW	60 MINUTES	138 - 138
FINAL CLOSED IN PRESSURE	60 MINUTES	685
FINAL HYDRO MUD PRESSURE		1518

TOTAL DEPTH 2768  
 PACKER DEPTH 2752  
 AK-1 NO. 4339 DEPTH 2763

1ST FLOW PRESSURE		INITIAL CIP		2ND FLOW PRESSURE		FINAL CIP	
	108		115		138		138
	110		161		138		173
	111		207		138		230
	112		253		138		277
	113		323		138		346
	114		392		138		415
	115		472		138		484
			551				540
			596				585
			641				619
			685				652
			708				674
			730				685
10	MINUTE INTERVAL	5	MINUTE INTERVAL	10	MINUTE INTERVAL	5	MINUTE INTERVAL

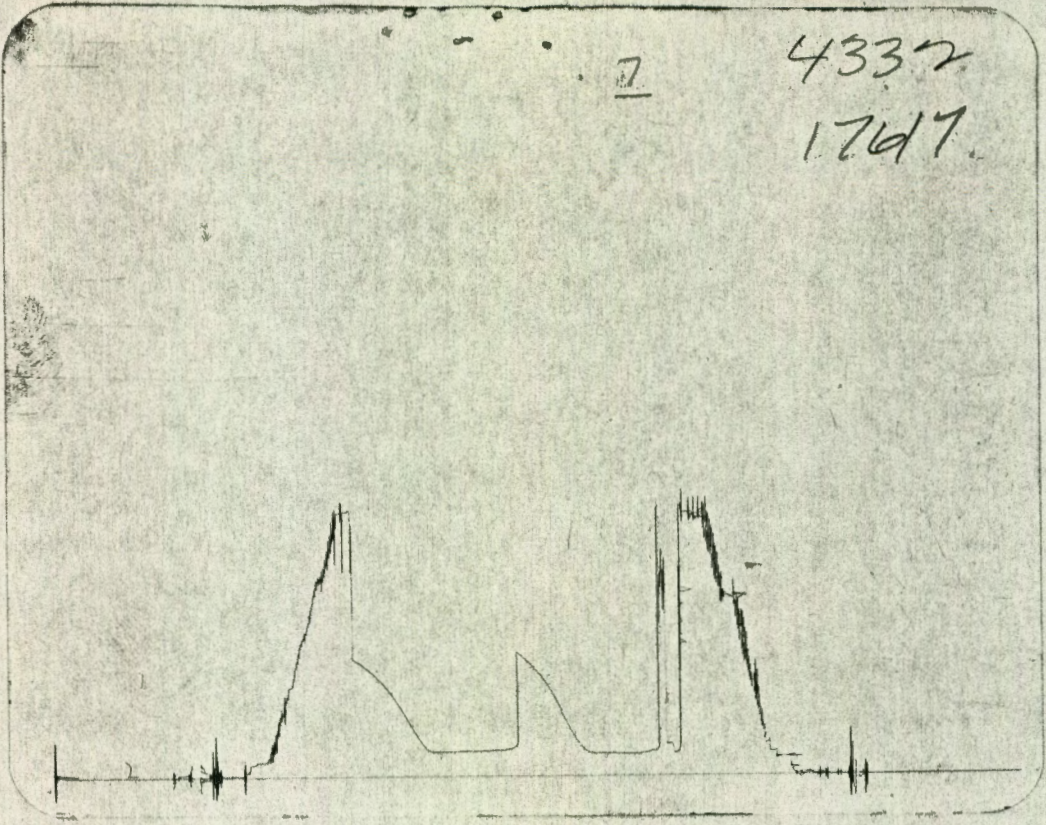
REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**SPECIAL PRESSURE DATA**

7

4337

17617



Tool Open: 1st Flow 60 mins: Shut-in Initial 60 min: 2nd Flow 60 min: Shut-in Final 60 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1506</u>	<u>1529</u>
(B) Initial 1st Flow Pressure	<u>115</u>	<u>108</u>
(C) Final 1st Flow Pressure	<u>115</u>	<u>115</u>
(D) Initial Shut-in Pressure	<u>729</u>	<u>730</u>
(E) Initial 2nd Flow Pressure	<u>138</u>	<u>138</u>
(F) Final 2nd Flow Pressure	<u>138</u>	<u>138</u>
(G) Final Shut-in Pressure	<u>685</u>	<u>685</u>
(H) Final Hydrostatic Pressure	<u>1484</u>	<u>1518</u>

17617

Lease and Well No. \_\_\_\_\_

KITH #1

25-15S-9W

Formation Test No. \_\_\_\_\_

4



# DRILL STEM TEST REPORT

# MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company ILUS INDUSTRIES, INC.

Lease and Well No. KIHN #1

County ELLSWORTH State KANSAS Date 8-3-78

Formation Test No. 4 Total Depth 2800 Elev. \_\_\_\_\_

Interval Tested 2776 To 2800 Anchor Length 24'

Size Hole 7 7/8 Size Drill Pipe 4 1/2 F H Size Packer 6 3/4

Mud Weight 10.1 Viscosity 36 Water Loss 18.0 c.c. Bottom Hole Temp. 108 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 17618

Length of Drill Collar 246 I. D. \_\_\_\_\_ Length Flexweight \_\_\_\_\_ I. D. \_\_\_\_\_

## RECOVERY

GOOD BLOW THROUGHOUT TEST.

435 FEET OF GAS IN PIPE.  
186 FEET OF GAS CUT AND OIL CUT MUD.

Lease and Well No.

KIHN #1

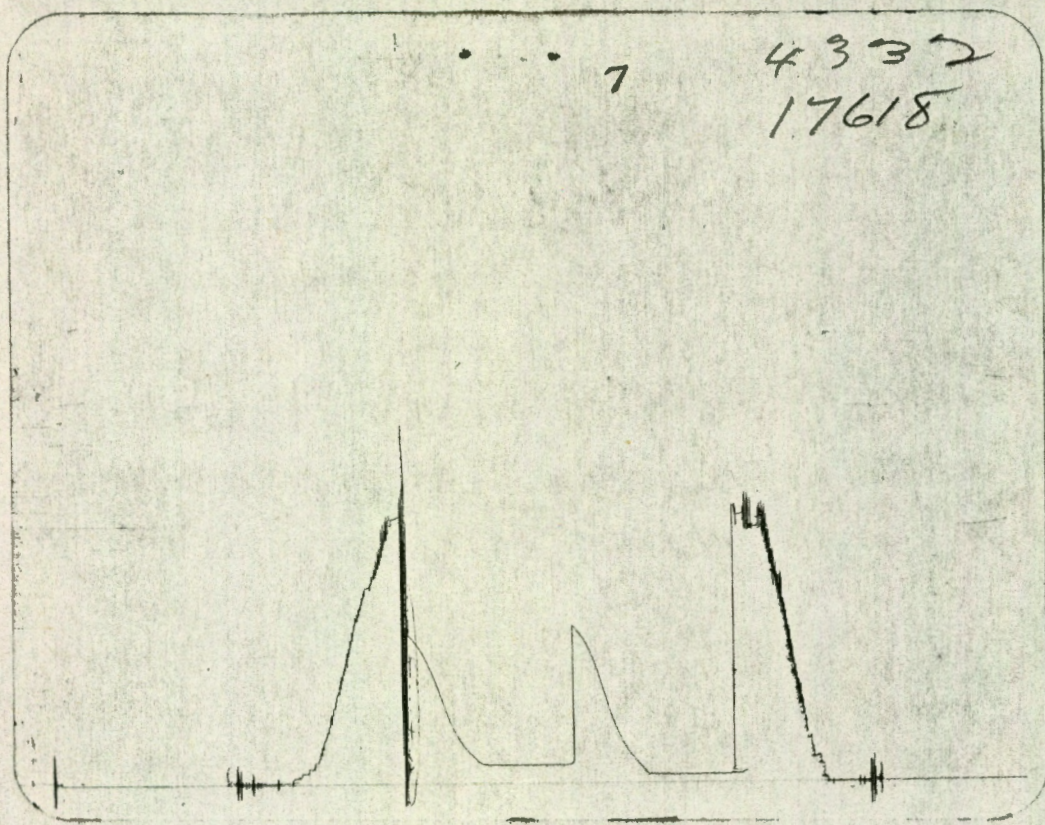
25-158-9W

Formation Test No.

4

7

4337  
17618



Tool Open: 1st Flow 60 hrs. 60 mins; Shut-in Initial 60 hrs. 60 min; 2nd Flow 60 hrs. 60 min; Shut-in Final 60 hrs. 60 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1484</u>	<u>1562</u>
(B) Initial 1st Flow Pressure	<u>57</u>	<u>58</u>
(C) Final 1st Flow Pressure	<u>69</u>	<u>69</u>
(D) Initial Shut-in Pressure	<u>908</u>	<u>908</u>
(E) Initial 2nd Flow Pressure	<u>92</u>	<u>92</u>
(F) Final 2nd Flow Pressure	<u>119</u>	<u>104</u>
(G) Final Shut-in Pressure	<u>841</u>	<u>864</u>
(H) Final Hydrostatic Pressure	<u>1462</u>	<u>1507</u>

17618