

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company RAINS & WILLIAMSON OIL CO.

Lease and Well No. HOLLAND #1

County RUSSELL State KANSAS Date 1-30-78

Formation Test No. 1 Total Depth 2906 Elev. _____
Interval Tested 2846 To 2906 Anchor Length 60'
Size Hole 7 7/8 Size Drill Pipe 4 1/2 F H Size Packer 6 3/4
Mud Weight 9.9 Viscosity 41 Water Loss 8.2 c.c. Bottom Hole Temp. 109 °F
Chokes: Top 1/2 Bottom 1/2 Ticket No. 15231
Length of Drill Collar 283 I. D. 2 1/4 Length Flexweight _____ I. D. _____

RECOVERY

WEAK BLOW DIED IN 12 MINUTES. SECOND OPENING BLOW DIED-
FLUSHED TOOL GOOD SURGE (NO HELP)

70 FEET OF SLIGHT OIL CUT MUD

Lease and Well No.

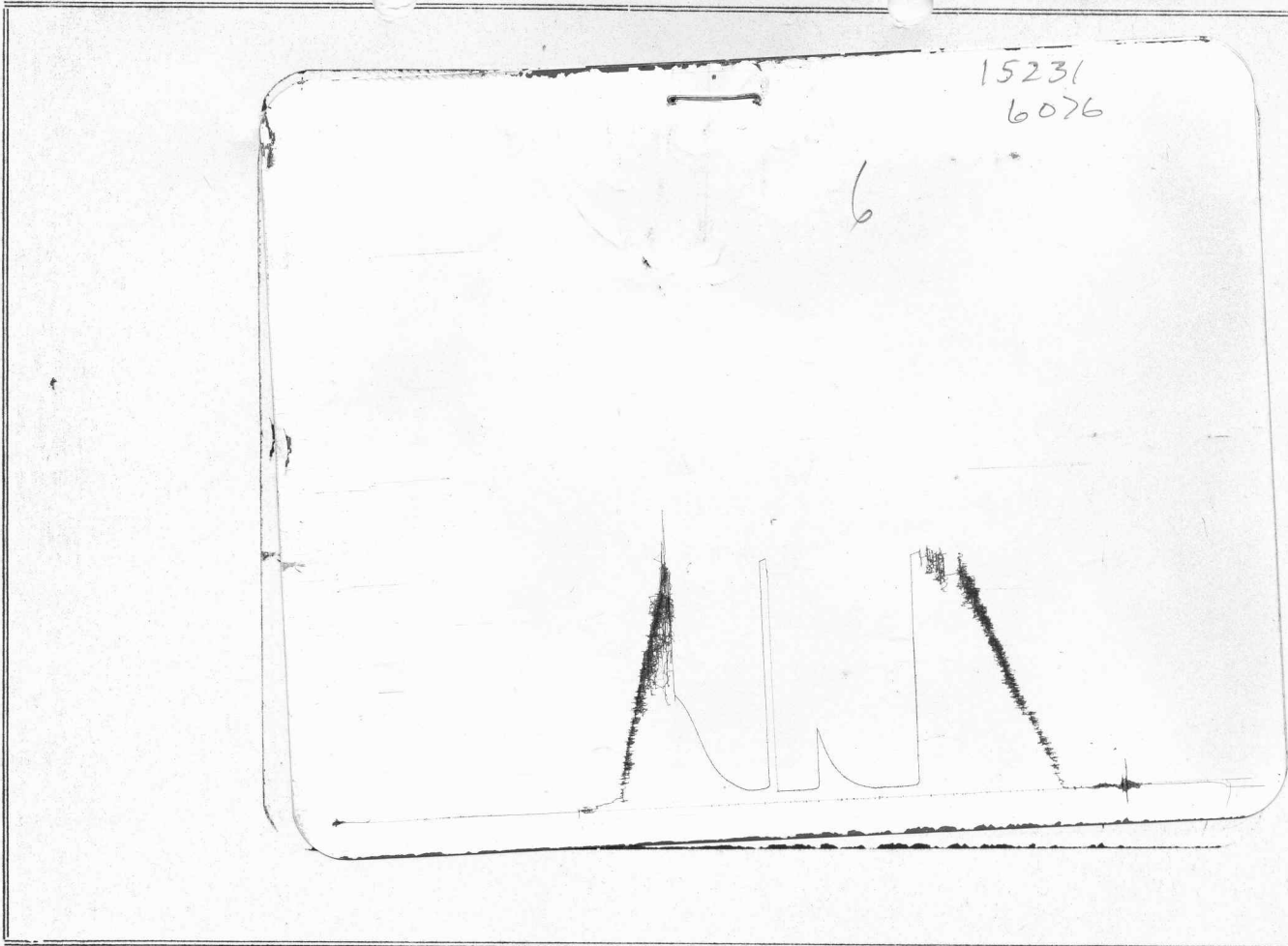
HOLLAND #1

SW NW SE

6-13S-13W

Formation Test No.

1



Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 60 min: 2nd Flow hr. 30 min: Shut-in Final hr. 60 min

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1467</u>	<u>1561</u>
(B) Initial 1st Flow Pressure	<u>62</u>	<u>67</u>
(C) Final 1st Flow Pressure	<u>50</u>	<u>67</u>
(D) Initial Shut-in Pressure	<u>473</u>	<u>485</u>
(E) Initial 2nd Flow Pressure	<u>62</u>	<u>75</u>
(F) Final 2nd Flow Pressure	<u>87</u>	<u>87</u>
(G) Final Shut-in Pressure	<u>736</u>	<u>745</u>
(H) Final Hydrostatic Pressure	<u>1444</u>	<u>1526</u>

15231

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company RAINS & WILLIAMSON OIL CO., INC.

Lease and Well No. HOLLAND #1

County RUSSELL State KANSAS Date 1-30-78

Formation Test No.	<u>2</u>	Total Depth	<u>2930</u>	Elev.	<u>1697 K. B.</u>
Interval Tested	<u>2908</u>	To	<u>2930</u>	Anchor Length	<u>22'</u>
Size Hole	<u>7 7/8</u>	Size Drill Pipe	<u>4 1/2 F H</u>	Size Packer	<u>6 3/4</u>
Mud Weight	<u>9</u>	Viscosity	<u>40</u>	Water Loss	<u>10.8</u> c.c.
				Bottom Hole Temp.	<u>110</u> °F
Chokes: Top	<u>1/2</u>	Bottom	<u>1/2</u>	Ticket No.	<u>15233</u>
Length of Drill Collar	<u>283</u>	I. D.	<u>2 1/4</u>	Length Flexweight	<u>I. D.</u>

RECOVERY

WEAK BLOW FOR 25 MINUTES AND DIED. WEAK BLOW FOR 15 MINUTES. ON SECOND OPENING FLUSHED TOOL WEAK BLOW FOR 5 MINUTES AND DIED.

120 FEET OF HEAVY OIL CUT GASSY MUD

FIRST STAND - 50% GAS 20% OIL 20% MUD 10% WATER
SECOND STAND - 10% GAS 43% MUD 47% OIL

Lease and Well No. HOLLAND #1 SW NW SE 6-13S-13W Formation Test No. 2

COMPANY RAINS & WILLIAMSON OIL CO. DATE 1-30-78

LEASE HOLLAND WELL NO. 1 TEST NO. 2 TICKET NO. 15233

	TIME	PSI
INITIAL HYDRO MUD PRESSURE		1584
INITIAL CLOSED IN PRESSURE	65 MINUTES	804
INITIAL FLOW	30 MINUTES	49 - 49
FINAL FLOW	30 MINUTES	62 - 87
FINAL CLOSED IN PRESSURE	55 MINUTES	792
FINAL HYDRO MUD PRESSURE		1560

TOTAL DEPTH 2930

PACKER DEPTH 2908

AK-1 NO. 6076 DEPTH 2925

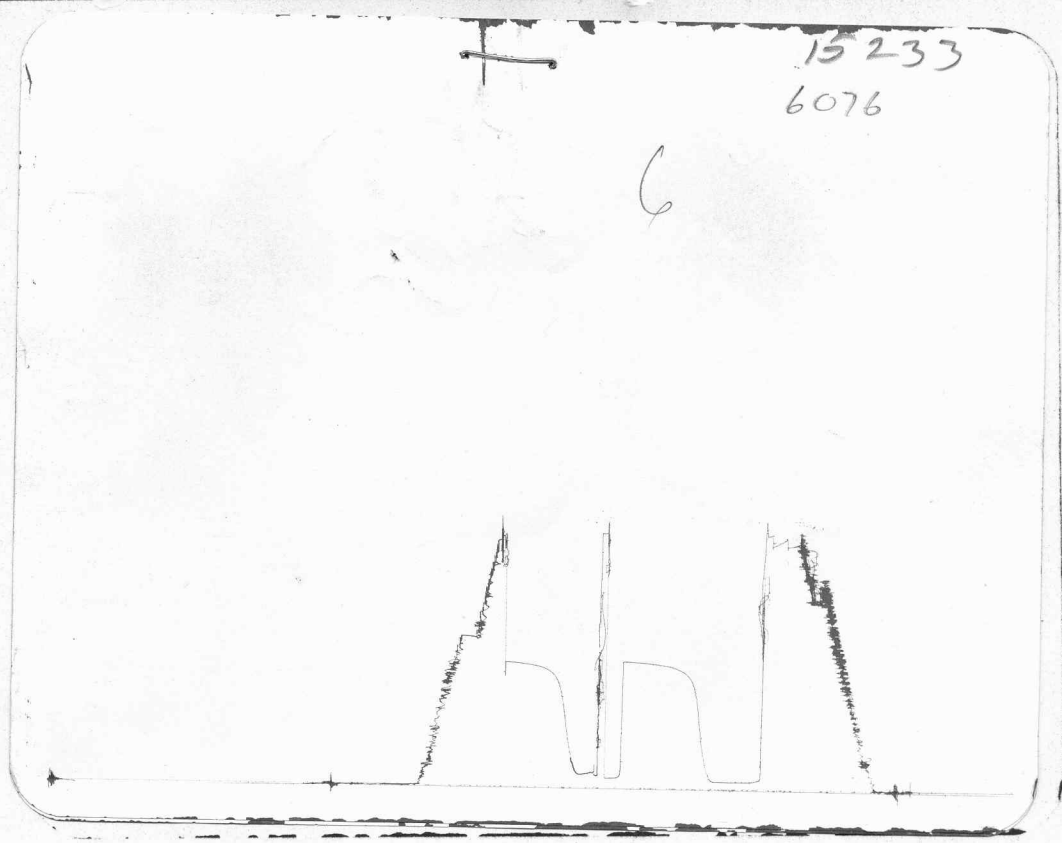
1ST FLOW PRESSURE		INITIAL CIP		2ND FLOW PRESSURE		FINAL CIP	
	49		49		62		87
	49		373		62		199
	49		616		84		435
	49		723		87		676
			747				735
			766				759
			778				771
			783				780
			790				785
			793				788
			796				790
			799				790
			802				792
			804				792
10	MINUTE INTERVAL	5	MINUTE INTERVAL	10	MINUTE INTERVAL	5	MINUTE INTERVAL

REMARKS I.S.I.P. READ AS 65 MINUTES

F.S.I.P. READ AS 55 MINUTES.

SPECIAL PRESSURE DATA

15233
6076



Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 60 min: 2nd Flow hr. 30 min: Shut-in Final hr. 45 min

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1444</u>	<u>1584</u>
(B) Initial 1st Flow Pressure	<u>25</u>	<u>49</u>
(C) Final 1st Flow Pressure	<u>25</u>	<u>49</u>
(D) Initial Shut-in Pressure	<u>760</u>	<u>804</u>
(E) Initial 2nd Flow Pressure	<u>50</u>	<u>62</u>
(F) Final 2nd Flow Pressure	<u>62</u>	<u>87</u>
(G) Final Shut-in Pressure	<u>736</u>	<u>792</u>
(H) Final Hydrostatic Pressure	<u>1350</u>	<u>1560</u>

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company RAINS & WILLIAMSON OIL CO., INC.

Lease and Well No. HOLLAND #1

County RUSSELL State KANSAS Date 2-1-78

Formation Test No. 3 Total Depth 3084 Elev. 1697 K. B.

Interval Tested 3030 To 3084 Anchor Length 54'

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

Mud Weight 9.9 Viscosity 40 Water Loss 14.2 c.c. Bottom Hole Temp. 108 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 15234

Length of Drill Collar I. D. Length Flexweight I. D.

RECOVERY

WEAK DECREASING BLOW! ON INITIAL OPENING. NO BLOW ON FINAL
OPENING. FLUSHED TOOL BLEW FOR 2 MINUTES AND DIED.

20 FEET OF MUD

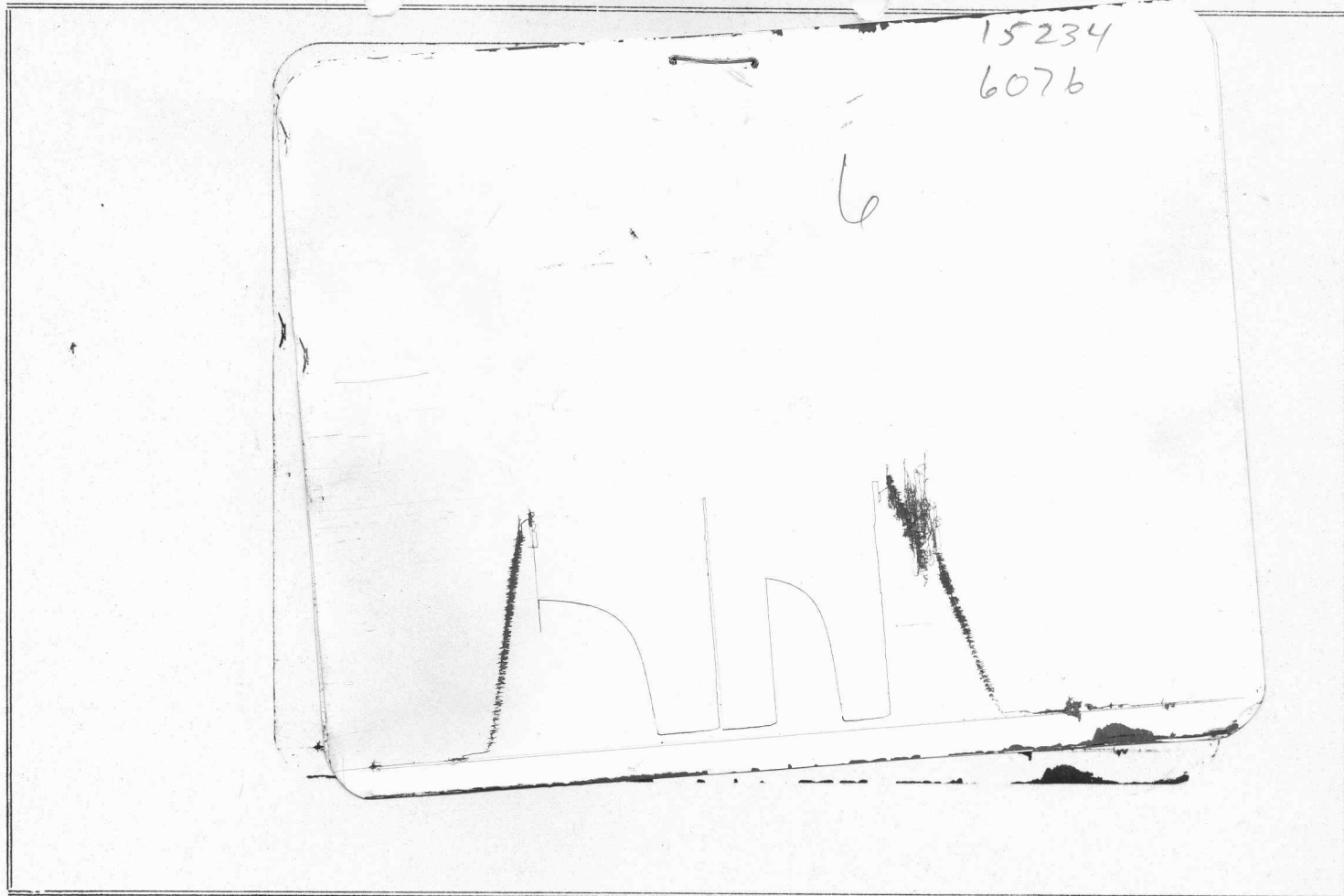
Lease and Well No. HOLLAND #1

SW NW SE

6-13S-13W

Formation Test No.

3



Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 60 min: 2nd Flow hr. 90 min: Shut-in Final hr. 90 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1561</u>	<u>1610</u>
(B) Initial 1st Flow Pressure	<u>50</u>	<u>50</u>
(C) Final 1st Flow Pressure	<u>50</u>	<u>50</u>
(D) Initial Shut-in Pressure	<u>1045</u>	<u>1075</u>
(E) Initial 2nd Flow Pressure	<u>50</u>	<u>55</u>
(F) Final 2nd Flow Pressure	<u>50</u>	<u>55</u>
(G) Final Shut-in Pressure	<u>1045</u>	<u>1065</u>
(H) Final Hydrostatic Pressure	<u>1561</u>	<u>1574</u>

15234