

# MILLER TESTING COMPANY

Box 547

## GREAT BEND, KANSAS

Company ISERN WELLS

Lease and Well No. DURR B-1

County RUSSELL State KANSAS Date MARCH 2, 1968

Formation Test No.	<u>1</u>	Total Depth	<u>2925</u>	Elev.	<u>1875 DF</u>
Interval Tested	<u>2900</u>	To	<u>2925</u>	Anchor Length	<u>25'</u>
Size Hole	<u>7 7/8</u>	Size Drill Pipe	<u>4 1/2 FH</u>	Size Packer	<u>6 3/4</u>
Mud Weight	<u>10</u>	Viscosity	<u>39</u>	Water Loss	<u>10</u> c.c.
Chokes: Top	<u>1/2</u>	Bottom	<u>1/2</u>	Bottom Hole Temp.	<u>101</u> °F
				Ticket No.	<u>9119</u>

### RECOVERY

WEAK STEADY BLOW THROUGHOUT TEST.

175 FEET OF MUDDY WATER.

Lease and Well No. DURR B-1 31 15S 12W NW NW SW

Formation Test No. 1



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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1572</u>	<u>1632</u>
(B) Initial 1st Flow Pressure	<u>59</u>	<u>65</u>
(C) Final 1st Flow Pressure	<u>85</u>	<u>93</u>
(D) Initial Shut-in Pressure	<u>851</u>	<u>850</u>
(E) Initial 2nd Flow Pressure	<u>93</u>	<u>102</u>
(F) Final 2nd Flow Pressure	<u>119</u>	<u>126</u>
(G) Final Shut-in Pressure	<u>826</u>	<u>840</u>
(H) Final Hydrostatic Pressure	<u>1560</u>	<u>1564</u>

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## GREAT BEND, KANSAS

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Lease and Well No. DURR B-1

County RUSSELL State KANSAS Date MARCH 3, 1968

Formation Test No. 2 Total Depth 3100 Elev. 1875 DF

Interval Tested 3077 To 3100 Anchor Length 23'

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

Mud Weight 10 Viscosity 42 Water Loss 7.6 c.c. Bottom Hole Temp. 100 °F

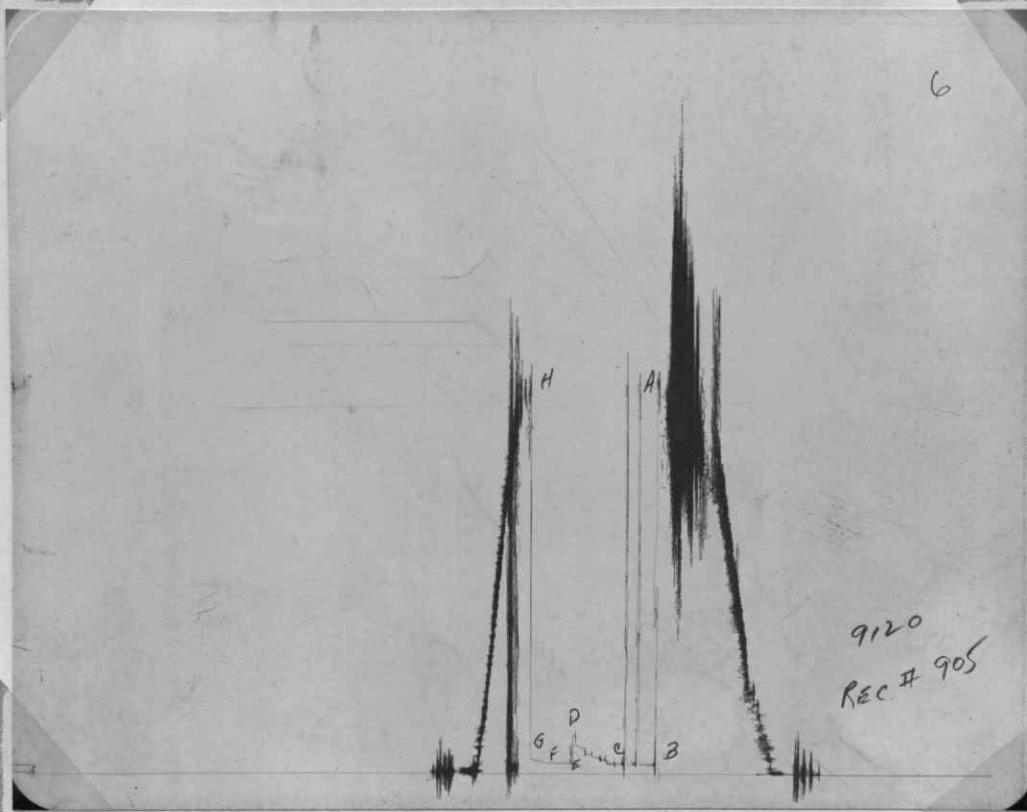
Chokes: Top 1/2 Bottom 1/2 Ticket No. 9120

### RECOVERY

WEAK BLOW FOR 9 MINUTES. FLUSHED TOOL IN 10 and 20 MINUTES.  
30 FEET OF MUD.

Lease and Well No. DURR B-1 31 15S 12W NW NW SW

Formation Test No. 2



Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 30 min: 2nd Flow hr. 15 min: Shut-in Final hr. 15 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1742</u>	<u>1751</u>
(B) Initial 1st Flow Pressure	<u>42</u>	<u>34</u>
(C) Final 1st Flow Pressure	<u>54</u>	<u>42</u>
(D) Initial Shut-in Pressure	<u>FALSE READING</u>	<u>FALSE READING</u>
(E) Initial 2nd Flow Pressure	<u>54</u>	<u>42</u>
(F) Final 2nd Flow Pressure	<u>54</u>	<u>46</u>
(G) Final Shut-in Pressure	<u>69</u>	<u>68</u>
(H) Final Hydrostatic Pressure	<u>1727</u>	<u>1717</u>

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## GREAT BEND, KANSAS

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Lease and Well No. DURR B-1

County RUSSELL State KANSAS Date MARCH 4, 1968

Formation Test No. 3 Total Depth 3240 Elev. 1875 DF

Interval Tested 3206 To 3240 Anchor Length 34'

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

Mud Weight 10 Viscosity 43 Water Loss 6 c.c. Bottom Hole Temp. 103 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 9121

### RECOVERY

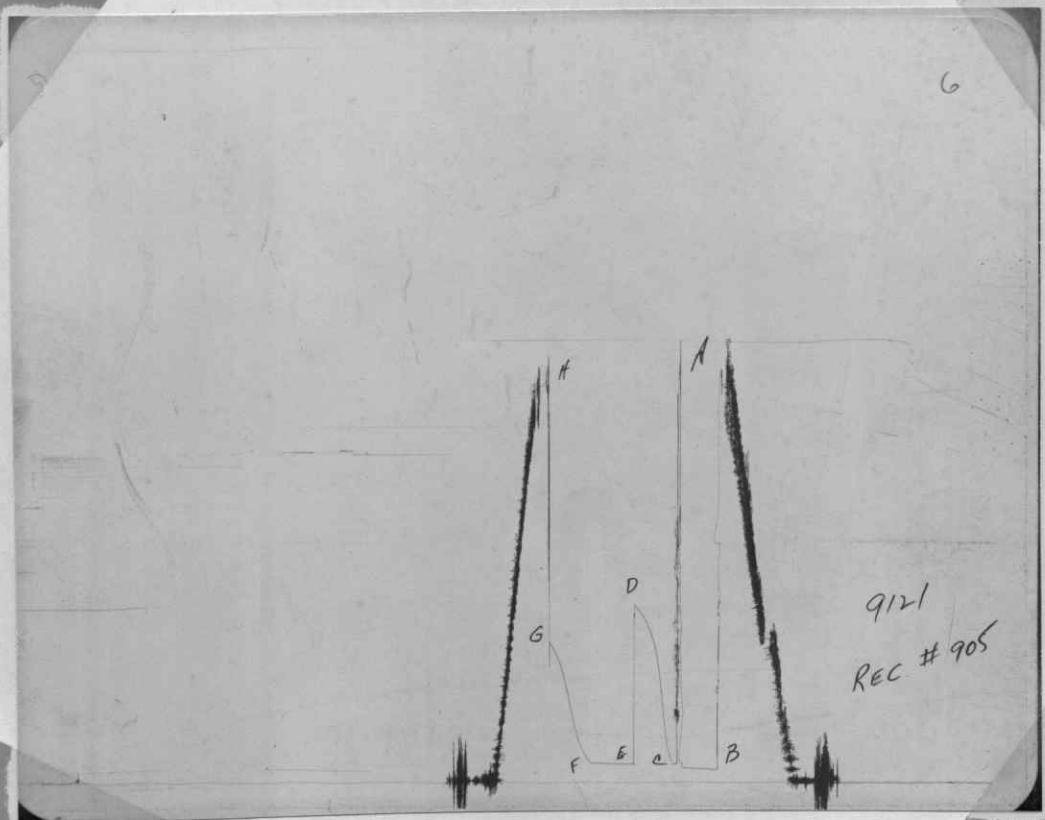
WEAK STEADY BLOW THROUGHOUT TEST.

100 FEET OF MUD WITH FEW OIL SPECKS.

Lease and Well No. DURR B-1 31 15S 12W NW NW SW

Formation Test No. 3





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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1802</u>	<u>1805</u>
(B) Initial 1st Flow Pressure	<u>57</u>	<u>56</u>
(C) Final 1st Flow Pressure	<u>73</u>	<u>78</u>
(D) Initial Shut-in Pressure	<u>782</u>	<u>784</u>
(E) Initial 2nd Flow Pressure	<u>73</u>	<u>80</u>
(F) Final 2nd Flow Pressure	<u>85</u>	<u>85</u>
(G) Final Shut-in Pressure	<u>629</u>	<u>624</u>
(H) Final Hydrostatic Pressure	<u>1790</u>	<u>1776</u>

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Lease and Well No. DURR B-1

County RUSSELL State KANSAS Date MARCH 4, 1968

Formation Test No.	<u>4</u>	Total Depth	<u>3340</u>	Elev.	<u>1875 DF</u>
Interval Tested	<u>3306</u>	To	<u>3340</u>	Anchor Length	<u>34'</u>
Size Hole	<u>7 7/8</u>	Size Drill Pipe	<u>4 1/2 FH</u>	Size Packer	<u>6 3/4</u>
Mud Weight	<u>10</u>	Viscosity	<u>43</u>	Water Loss	<u>6</u> c.c.
Chokes: Top	<u>1/2</u>	Bottom	<u>1/2</u>	Bottom Hole Temp.	<u>103 °F</u>
				Ticket No.	<u>9122</u>

## RECOVERY

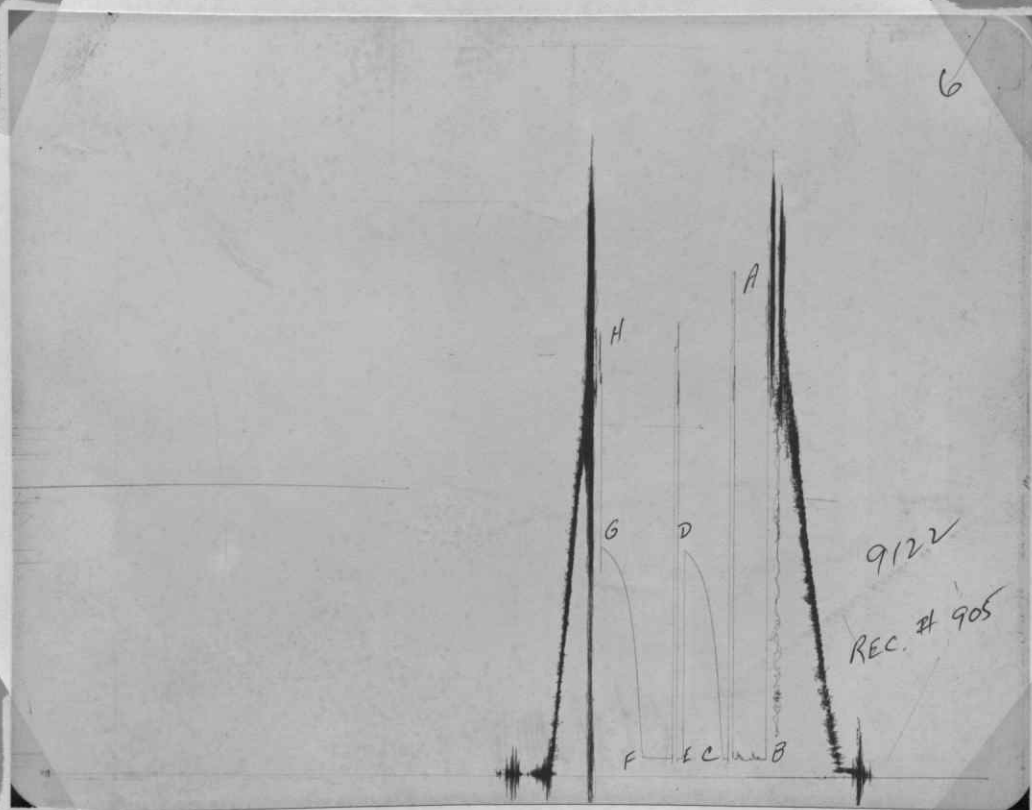
WEAK BLOW FOR 24 MINUTES. FLUSHED TOOL IN 25 MINUTES ON FIRST OPENING AND IN 5 MINUTES ON SECOND OPENING. WEAK BLOW FOR 2 and 1 MINUTES.

60 FEET OF MUD WITH FEW OIL SPECKS.

Lease and Well No. DURR B-1 31 15S 12W NW NW SW

Formation Test No. 4





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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	1955	1836
(B) Initial 1st Flow Pressure	69	76
(C) Final 1st Flow Pressure	81	76
(D) Initial Shut-in Pressure	994	1003
(E) Initial 2nd Flow Pressure	81	78
(F) Final 2nd Flow Pressure	81	83
(G) Final Shut-in Pressure	1003	1016
(H) Final Hydrostatic Pressure	1936	1785

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Lease and Well No. DURR B-1

County RUSSELL State KANSAS Date MARCH 5, 1968

Formation Test No.	<u>5</u>	Total Depth	<u>3340</u>	Elev.	<u>1875 DF</u>
Interval Tested	<u>2966</u>	To	<u>3002</u>	Anchor Length	<u>BETWEEN 36'</u>
Size Hole	<u>7 7/8</u>	Size Drill Pipe	<u>4 1/2 FH</u>	Size Packer	<u>BELOW 338'</u> <u>6 3/4</u>
Mud Weight	<u>10</u>	Viscosity	<u>43</u>	Water Loss	<u>6.</u> c.c.
Chokes: Top	<u>1/2</u>	Bottom	<u>1/2</u>	Bottom Hole Temp.	<u>101</u> °F
				Ticket No.	<u>9123</u>

### RECOVERY

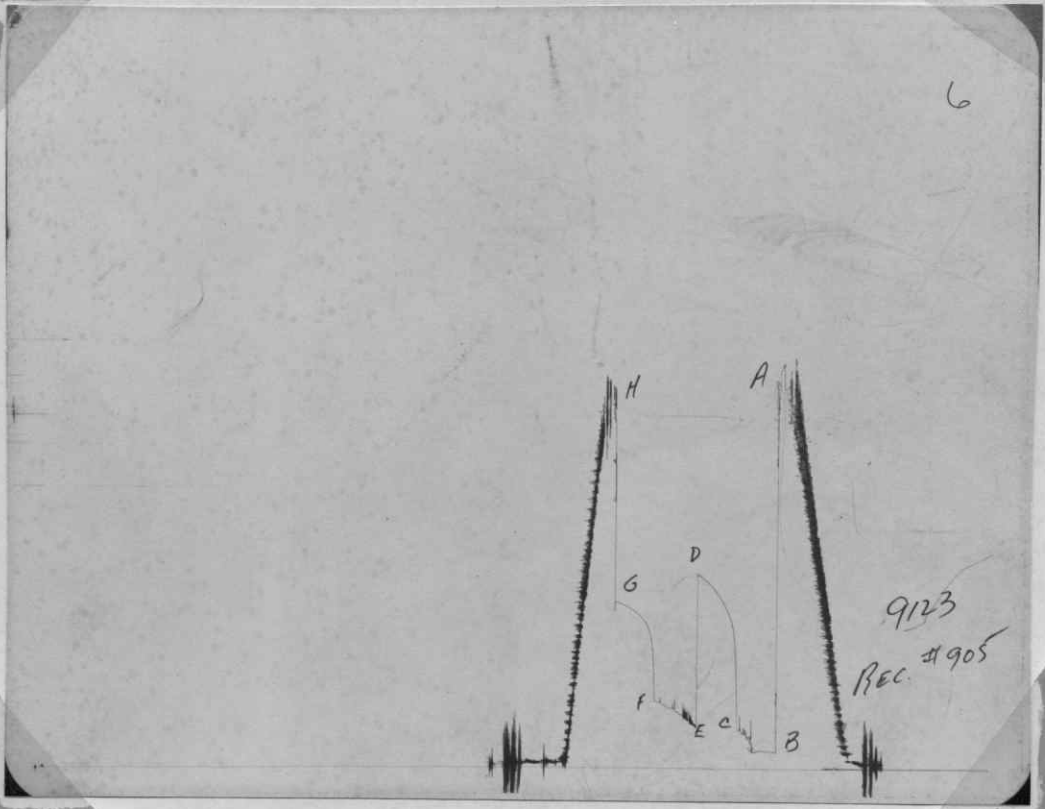
FAIR BLOW THROUGHOUT TEST.

200 FEET OF MUD.

180 FEET OF THIN MUD.

Lease and Well No. DURR B-1 31 15S 12W NW NW SW

Formation Test No. 5



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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>1701</u>	<u>1742</u>
(B) Initial 1st Flow Pressure	<u>68</u>	<u>76</u>
(C) Final 1st Flow Pressure	<u>170</u>	<u>170</u>
(D) Initial Shut-in Pressure	<u>850</u>	<u>867</u>
(E) Initial 2nd Flow Pressure	<u>187</u>	<u>187</u>
(F) Final 2nd Flow Pressure	<u>289</u>	<u>297</u>
(G) Final Shut-in Pressure	<u>731</u>	<u>745</u>
(H) Final Hydrostatic Pressure	<u>1683</u>	<u>1700</u>

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County RUSSELL State KANSAS Date MARCH 5, 1968

Formation Test No. 6 Total Depth 3343 Elev. 1875 DF

Interval Tested 3305 To 3343 Anchor Length 38'

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

Mud Weight 10 Viscosity 43 Water Loss 6 c.c. Bottom Hole Temp. 105 ° F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 9124

### RECOVERY

WEAK STEADY BLOW THROUGHOUT TEST.

30 FEET OF HEAVY OIL CUT MUD.

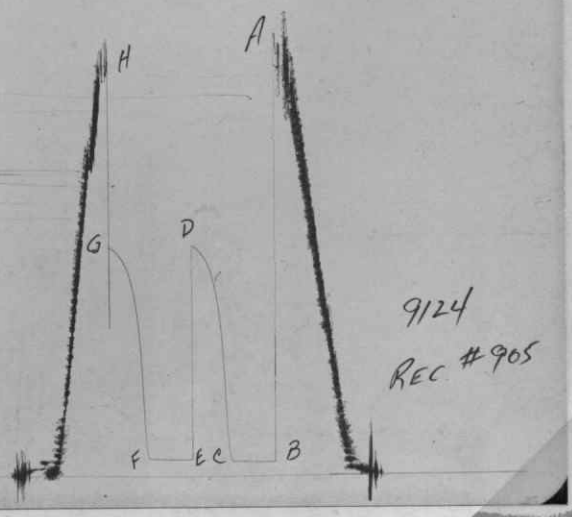
60 FEET OF OIL CUT MUD.

Lease and Well No. DURR B-1 31 15S 12W NW NW SW

Formation Test No. 6



6



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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	1870	1921
(B) Initial 1st Flow Pressure	61	66
(C) Final 1st Flow Pressure	68	68
(D) Initial Shut-in Pressure	1020	1028
(E) Initial 2nd Flow Pressure	74	76
(F) Final 2nd Flow Pressure	85	80
(G) Final Shut-in Pressure	1020	1023
(H) Final Hydrostatic Pressure	1858	1861

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## GREAT BEND, KANSAS

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Lease and Well No. DURR B-1

County RUSSELL State KANSAS Date MARCH 6, 1968

Formation Test No. 7 Total Depth 3348 Elev. 1875 DF

Interval Tested 3304 To 3348 Anchor Length 44'

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

Mud Weight 10 Viscosity 43 Water Loss 8.6 c.c. Bottom Hole Temp. 105 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 9125

### RECOVERY

FAIR BLOW THROUGHOUT TEST.

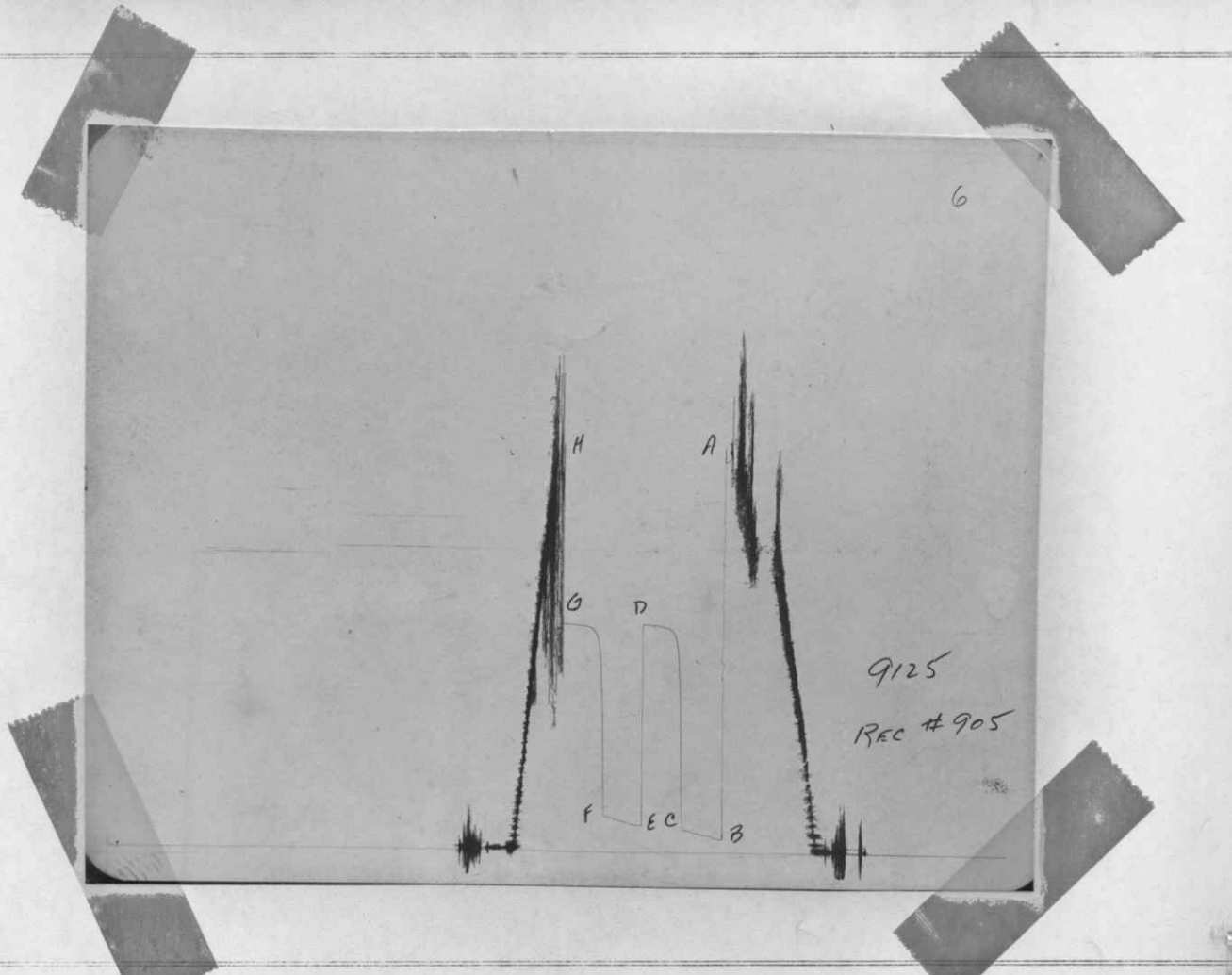
120 FEET OF HEAVY OIL CUT MUD.

160 FEET OF VERY HEAVY OIL CUT MUD.

Lease and Well No. DURR B-1 31 15S 12W NW NW SW

Formation Test No. 7





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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	1836	1912
(B) Initial 1st Flow Pressure	61	66
(C) Final 1st Flow Pressure	110	110
(D) Initial Shut-in Pressure	1079	1086
(E) Initial 2nd Flow Pressure	119	129
(F) Final 2nd Flow Pressure	173	177
(G) Final Shut-in Pressure	1079	1086
(H) Final Hydrostatic Pressure	1825	1870

9125