

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company CITIES SERVICE OIL COMPANY

Lease and Well No. MARTIN "C" #3

County NESS State KANSAS Date OCTOBER 1, 1966

Formation Test No. 1 Total Depth 4397 Elev. 2238 DF

Interval Tested 4389 To 4397 Anchor Length 8'

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

Mud Weight 9.8 Viscosity 48 Water Loss 12.4 c.c. Bottom Hole Temp. 146 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 8467

RECOVERY

GOOD BLOW DECREASING SOME BY END OF TEST

1008 FEET OF GAS IN PIPE

2331 FEET OF FREE OIL

63 FEET OF MUDDY OIL

Lease and Well No. MARTIN "C" #3 25 20S 21W 150' N/C SW SE Formation Test No. 1

COMPANY CITIES SERVICE OIL CO DATE OCT. 1, 1966

LEASE MARTIN WELL NO. C #3 TEST NO. 1 TICKET NO. 8467

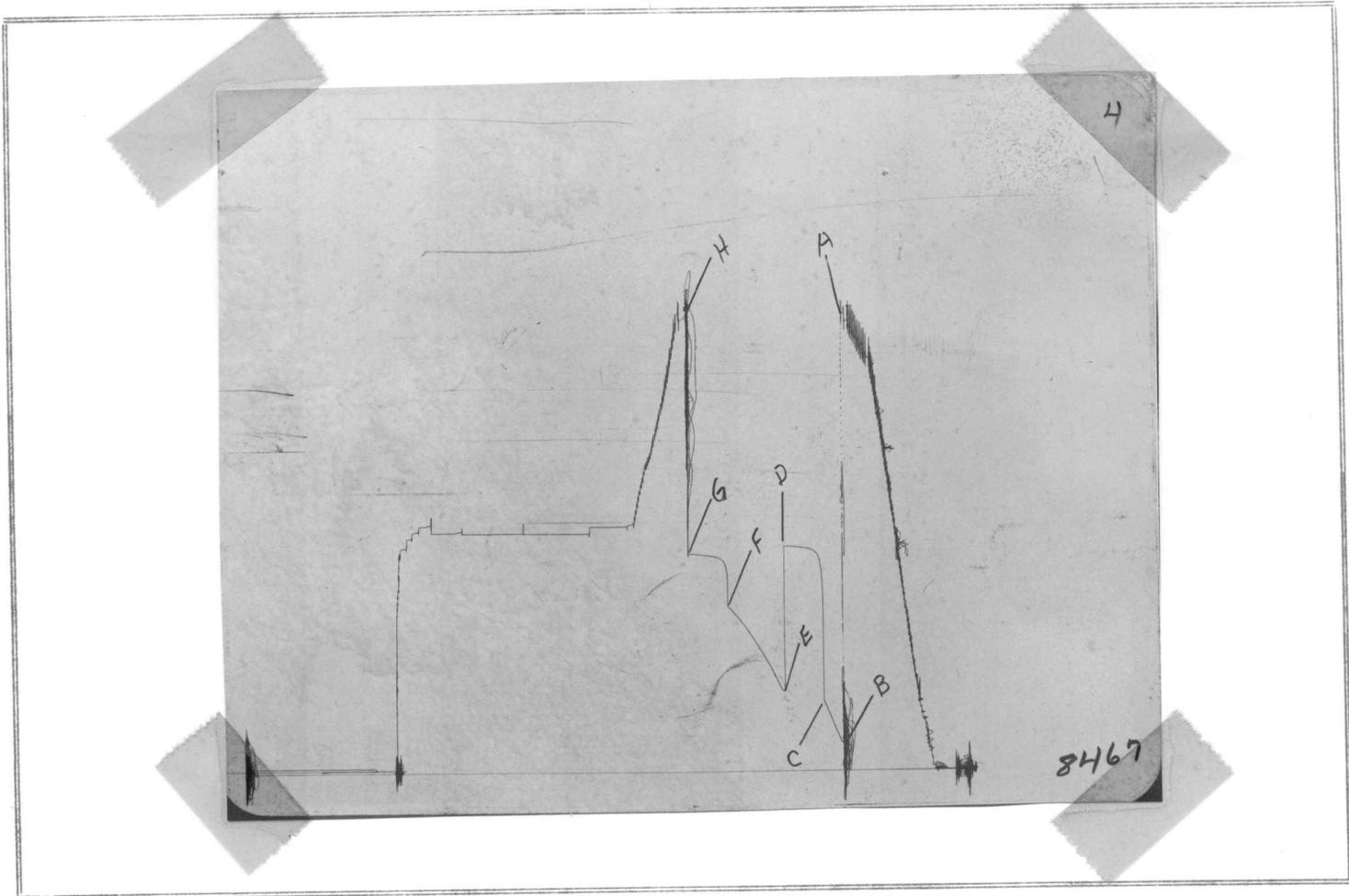
	TIME	PSI
INITIAL HYDRO MUD PRESSURE		2383
INITIAL CLOSED IN PRESSURE	30 MINS.	1171
INITIAL FLOW	15 MINS.	137 to 366
FINAL FLOW	45 MINS.	421 to 860
FINAL CLOSED IN PRESSURE	30 MINS.	1130
FINAL HYDRO MUD PRESSURE		2379

TOTAL DEPTH 4397
 PACKER DEPTH 4389
 BT. NO. 1049 DEPTH 4392

	1ST FLOW PRESSURE		INITIAL CIP		2ND FLOW PRESSURE		FINAL CIP	
	TIME DEFL. .000"	PSI TEMP. CORR.	TIME DEFL. .000"	PSI TEMP. CORR.	TIME DEFL. .000"	PSI TEMP. CORR.	TIME DEFL. .000"	PSI TEMP. CORR.
P0		137		366		421		860
P1		220		1144		476		1107
P2		302		1157		549		1116
P3		366		1164		604		1122
P4				1166		659		1126
P5				1168		705		1128
P6				1171		750		1130
P7						787		
P8						824		
P9						860		
P10								
	5	MINUTE INTERVAL	5	MINUTE INTERVAL	5	MINUTE INTERVAL	5	MINUTE INTERVAL

REMARKS _____

SPECIAL PRESSURE DATA



Tool Open: 1st Flow hr. 15 mins: Shut-in Initial hr. 30 min: 2nd Flow hr. 45 min: Shut-in Final hr. 30 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2379</u>	<u>2383</u>
(B) Initial 1st Flow Pressure	<u>146</u>	<u>137</u>
(C) Final 1st Flow Pressure	<u>366</u>	<u>366</u>
(D) Initial Shut-in Pressure	<u>1171</u>	<u>1171</u>
(E) Initial 2nd Flow Pressure	<u>421</u>	<u>421</u>
(F) Final 2nd Flow Pressure	<u>851</u>	<u>860</u>
(G) Final Shut-in Pressure	<u>1130</u>	<u>1130</u>
(H) Final Hydrostatic Pressure	<u>2361</u>	<u>2379</u>

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GREAT BEND, KANSAS

3

Company CITIES SERVICE OIL COMPANY

Lease and Well No. MARTIN "C" #3

County NESS State KANSAS Date OCT. 1, 1966

Formation Test No. 2 Total Depth 4407 Elev. 2238 DF

Interval Tested 4397 To 4407 Anchor Length 10'

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

Mud Weight 10.2 Viscosity 47 Water Loss 12/2 c.c. Bottom Hole Temp. 148 ° F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 8468

RECOVERY

GOOD BLOW THROUGHOUT TEST

519 FEET OF GAS

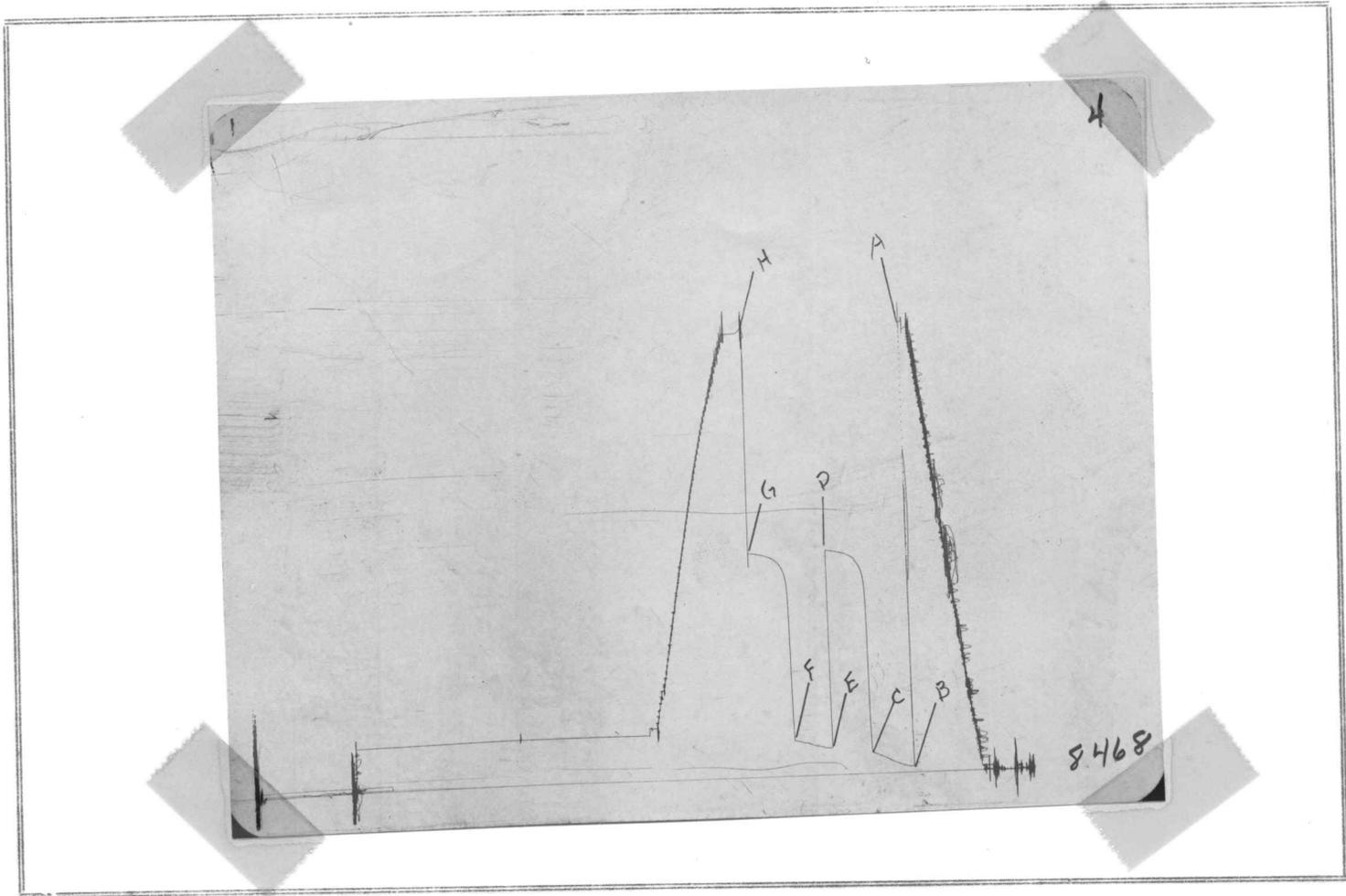
63 FEET OF MUDDY OIL

126 FEET OF MUDDY OIL

315 FEET OF FREE OIL

Lease and Well No. MARTIN "C" #3 25 20S 21W 150' N/C SW SE Formation Test No.

2



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>2360</u>	<u>2361</u>
(B) Initial 1st Flow Pressure	<u>32</u>	<u>31</u>
(C) Final 1st Flow Pressure	<u>110</u>	<u>112</u>
(D) Initial Shut-in Pressure	<u>1171</u>	<u>1177</u>
(E) Initial 2nd Flow Pressure	<u>137</u>	<u>139</u>
(F) Final 2nd Flow Pressure	<u>187</u>	<u>183</u>
(G) Final Shut-in Pressure	<u>1162</u>	<u>1175</u>
(H) Final Hydrostatic Pressure	<u>2342</u>	<u>2352</u>