

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company CITIES SERVICE OIL CO.

Lease and Well No. BOOTH B-1

County KIOWA State KANSAS Date DECEMBER 17, 1966

Formation Test No. 1 Total Depth 5040 Elev. _____

Interval Tested 5016 To 5040 Anchor Length 24'

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

Mud Weight 9.8 Viscosity 53 Water Loss 11.3 c.c. Bottom Hole Temp. 112 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 8287

RECOVERY

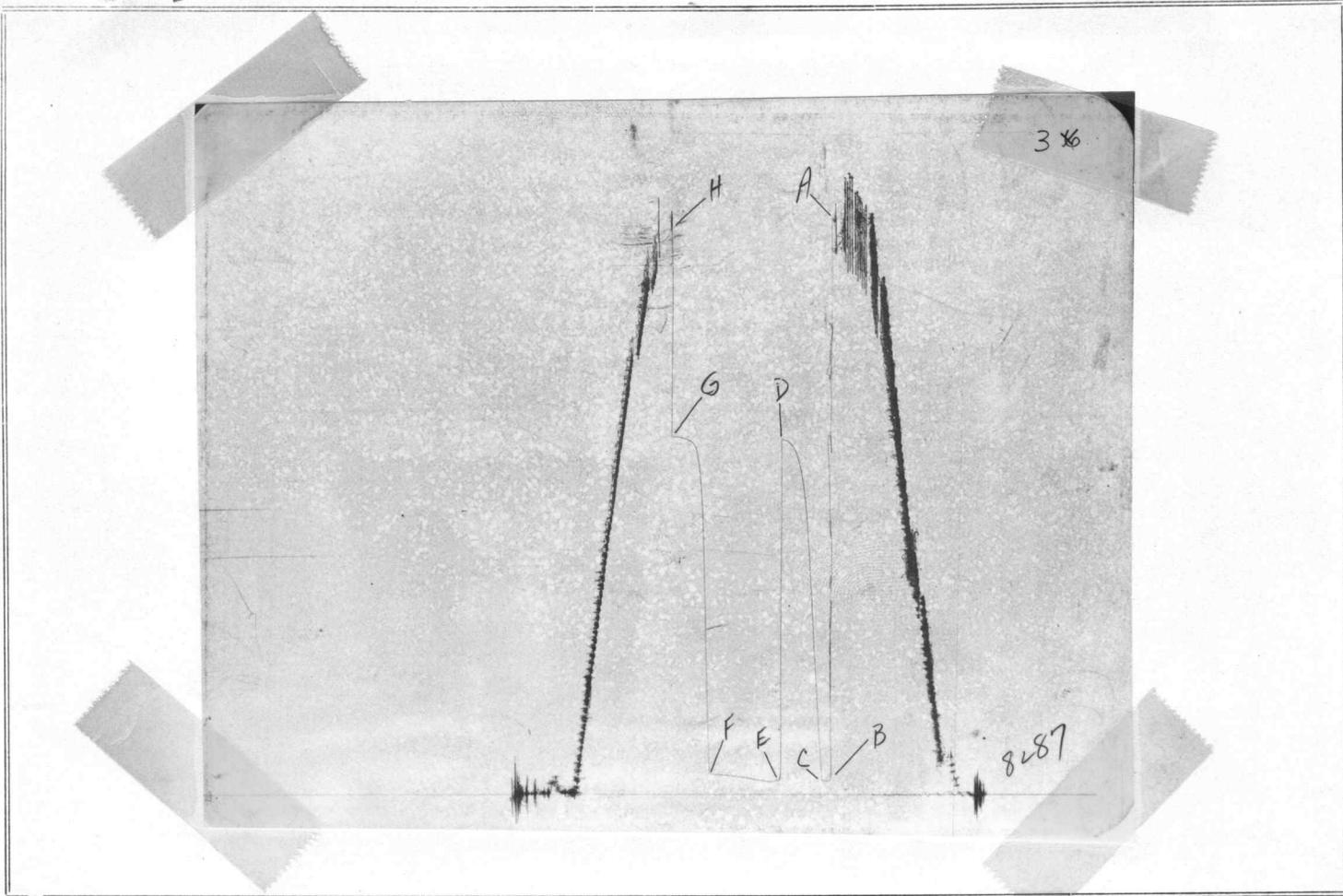
STRONG BLOW. GAS TO SURFACE IN 8 MINUTES ON SECOND OPENING.

GAS GAGED IN 15 MINUTES: 70,000 CFPD
30 MINUTES: 90,000 CFPD
45 MINUTES: 120,000 CFPD
60 MINUTES: 139,000 CFPD

(THROUGH 1 INCH)

82 FEET OF GAS CUT OIL SPOTTED DRILLING MUD.
124 FEET OF GAS CUT OIL OILY MUD.

Lease and Well No. BOOTH B-1 30 30S 17W 1980' NL & 1905' WL Formation Test No. 1

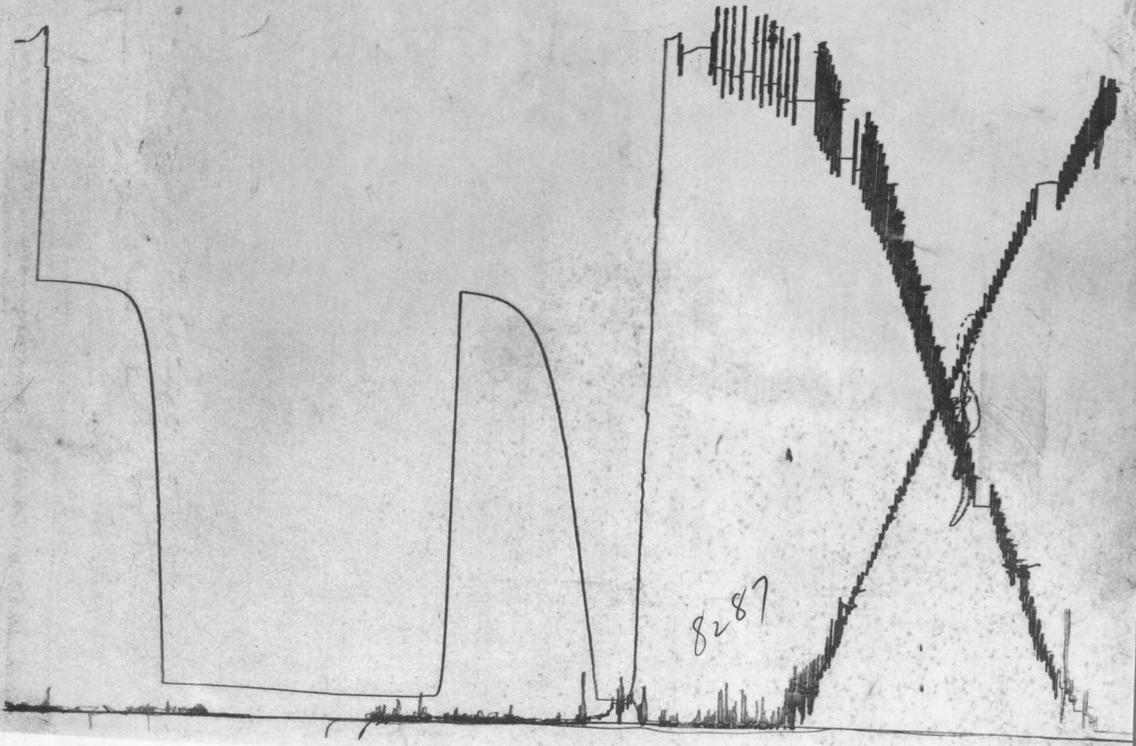


Tool Open: 1st Flow 5 hr. 5 mins: Shut-in Initial 30 min: 2nd Flow 1 hr. min: Shut-in Final 30 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2728</u>	<u>2771</u>
(B) Initial 1st Flow Pressure	<u>59</u>	<u>63</u>
(C) Final 1st Flow Pressure	<u>59</u>	<u>63</u>
(D) Initial Shut-in Pressure	<u>1700</u>	<u>1714</u>
(E) Initial 2nd Flow Pressure	<u>62</u>	<u>63</u>
(F) Final 2nd Flow Pressure	<u>93</u>	<u>95</u>
(G) Final Shut-in Pressure	<u>1711</u>	<u>1725</u>
(H) Final Hydrostatic Pressure	<u>2720</u>	<u>2720</u>

Bottom

3 X



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Lease and Well No. BOOTH B-1

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Formation Test No. 2 Total Depth 5055 Elev. _____

Interval Tested 5040 To 5055 Anchor Length 15'

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

Mud Weight 9.8 Viscosity 55 Water Loss 10.8 c.c. Bottom Hole Temp. 128 ° F

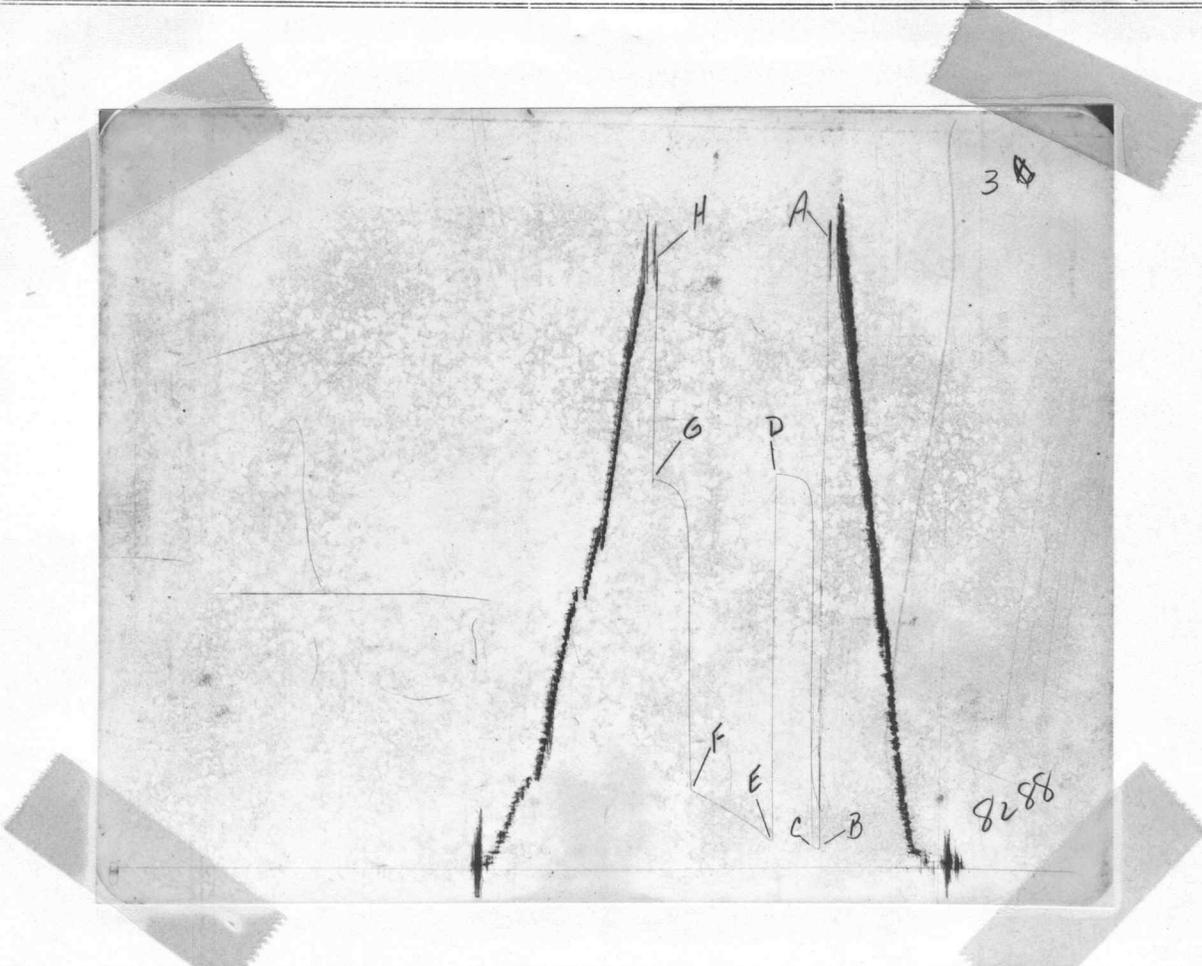
Chokes: Top 1/2 Bottom 1/2 Ticket No. 8288

RECOVERY

STRONG BLOW. GAS TO SURFACE IN 52 MINUTES. (NOT ENOUGH TO GAGE.)

117 FEET OF GAS CUT DRILLING MUD.
725 SALT WATER.

Lease and Well No. BOOTH B-1 30 30S 17W 1980' NL & 1905' WL Formation Test No. 2



Tool Open: 1st Flow 5 hr. 5 mins: Shut-in Initial hr 30 min: 2nd Flow 1 hr. min: Shut-in Final hr. 30 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2703</u>	<u>2805</u>
(B) Initial 1st Flow Pressure	<u>76</u>	<u>76</u>
(C) Final 1st Flow Pressure	<u>76</u>	<u>93</u>
(D) Initial Shut-in Pressure	<u>1751</u>	<u>174.8</u>
(E) Initial 2nd Flow Pressure	<u>119</u>	<u>119</u>
(F) Final 2nd Flow Pressure	<u>340</u>	<u>340</u>
(G) Final Shut-in Pressure	<u>1718</u>	<u>1717</u>
(H) Final Hydrostatic Pressure	<u>2691</u>	<u>2711</u>

Bottom

