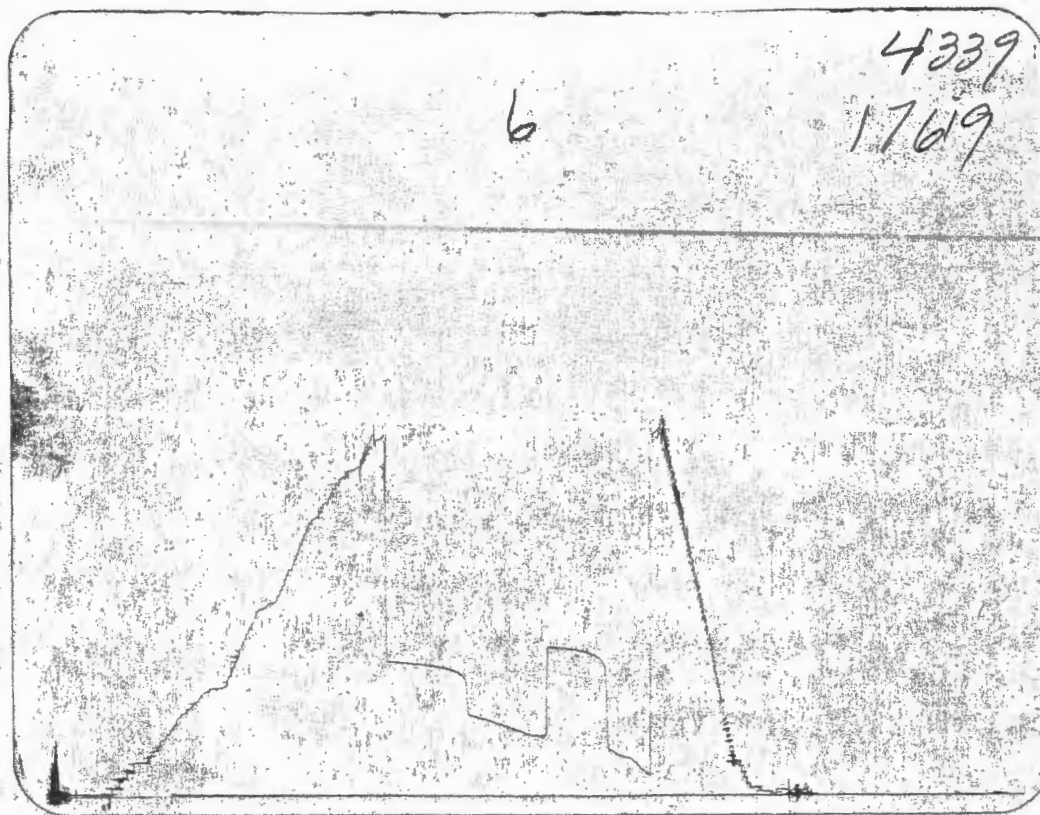


Anton



DRILL STEM TEST REPORT



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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2122</u>	<u>2133</u>
(B) Initial 1st Flow Pressure	<u>115</u>	<u>127</u>
(C) Final 1st Flow Pressure	<u>161</u>	<u>277</u>
(D) Initial Shut-in Pressure	<u>886</u>	<u>882</u>
(E) Initial 2nd Flow Pressure	<u>368</u>	<u>357</u>
(F) Final 2nd Flow Pressure	<u>483</u>	<u>484</u>
(G) Final Shut-in Pressure	<u>774</u>	<u>797</u>
(H) Final Hydrostatic Pressure	<u>2100</u>	<u>2100</u>

17619

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company WALTERS DRILLING CO.

Lease and Well No. STIAWALT #3

County NESS State KANSAS Date 8-8-78

Formation Test No. 1 Total Depth 4290 Elev. _____

Interval Tested 4235 To 4290 Anchor Length 55'

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

Mud Weight 9.2 Viscosity 45 Water Loss 13.8 c.c. Bottom Hole Temp. 118 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 17169

Length of Drill Collar 344 I. D. _____ Length Flexweight 283 I. D. _____

RECOVERY

GOOD BLOW. GAS TO SURFACE IN 5 MINUTES ON SECOND OPENING.
STABLE AT 7.88 MCF/DAY.

SECOND OPENING: GAUGED THROUGH 1/4" ORIFICE.

10 MINUTES	3.71 M.C.F.P.D.
15 MINUTES	3.71 M.C.F.P.D.
20 MINUTES	6.55 M.C.F.P.D.
25 MINUTES	6.93 M.C.F.P.D.
30 MINUTES	7.51 M.C.F.P.D.
35 MINUTES	8.22 M.C.F.P.D.
40 MINUTES	7.88 M.C.F.P.D.
45 MINUTES	7.88 M.C.F.P.D.
50 MINUTES	7.88 M.C.F.P.D.
55 MINUTES	7.88 M.C.F.P.D.
60 MINUTES	7.88 M.C.F.P.D.

682 FEET OF FREE OIL.

620 FEET OF MUD CUT OIL (71% OIL 27 1/2% MUD 1 1/2% WATER).

Lease and Well No. STIAWALT #3

C SW NW

20-173-24W

Formation Test No.

1

WALTERS DRILLING CO.

DATE 8-8-78

LEASE

STIAWALT

WELL NO.

3

TEST NO.

1

TICKET NO.

17619

	TIME	PSI
INITIAL HYDRO MUD PRESSURE		2133
INITIAL CLOSED IN PRESSURE	45 MINUTES	882
INITIAL FLOW	30 MINUTES	127 - 277
FINAL FLOW	60 MINUTES	357 - 484
FINAL CLOSED IN PRESSURE	60 MINUTES	797
FINAL HYDRO MUD PRESSURE		2100

TOTAL DEPTH 4290

PACKER DEPTH 4235

AK-1 NO. 4339 DEPTH 4285

1ST FLOW PRESSURE		INITIAL CIP		2ND FLOW PRESSURE		FINAL CIP	
	127		277		357		484
	196		797		369		719
	242		828		392		741
	277		844		415		752
			857		438		761
			866		461		768
			873		484		775
			877				780
			880				784
			882				788
							792
							795
							797
10	MINUTE INTERVAL	5	MINUTE INTERVAL	10	MINUTE INTERVAL	5	MINUTE INTERVAL

REMARKS

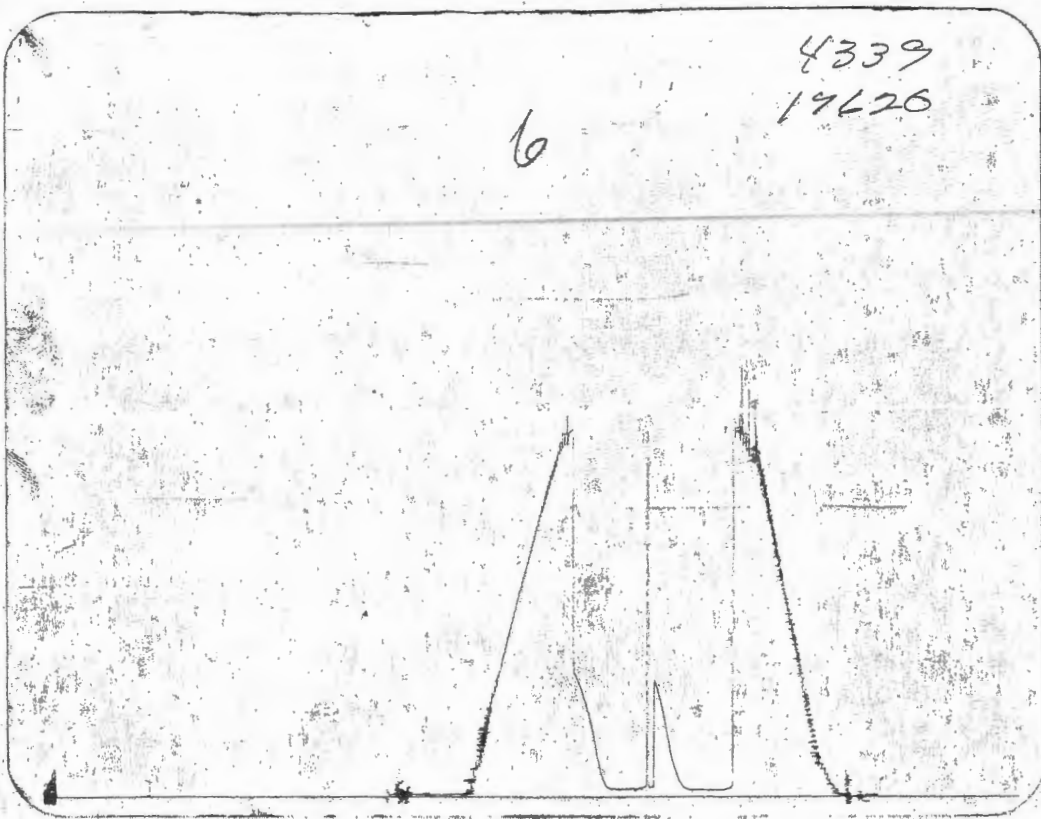
SPECIAL PRESSURE DATA



DRILL STEM TEST REPORT

6

4339
19626



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>2144</u>	<u>2144</u>
(B) Initial 1st Flow Pressure	<u>46</u>	<u>39</u>
(C) Final 1st Flow Pressure	<u>46</u>	<u>39</u>
(D) Initial Shut-in Pressure	<u>685</u>	<u>685</u>
(E) Initial 2nd Flow Pressure	<u>46</u>	<u>46</u>
(F) Final 2nd Flow Pressure	<u>46</u>	<u>46</u>
(G) Final Shut-in Pressure	<u>729</u>	<u>730</u>
(H) Final Hydrostatic Pressure	<u>2122</u>	<u>2133</u>

17620

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company WALTERS DRILLING CO.

Lease and Well No. STIAWALT #3

County NESS State KANSAS Date 8-9-78

Formation Test No. 2 Total Depth 4375 Elev. _____

Interval Tested 4363 To 4375 Anchor Length 12'

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

Mud Weight 9.2 Viscosity 45 Water Loss 13.8 c.c. Bottom Hole Temp. 121 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 17620

Length of Drill Collar 373 I. D. _____ Length Flexweight 283 I. D. _____

RECOVERY

VERY WEAK BLOW DIED IN 18 MINUTES. SECOND OPENING NO BLOW -
FLUSHED TOOL NO HELP.

30 FEET OF SLIGHT OIL CUT MUD.

Lease and Well No. STIAWALT #3

C SW NW

20-17S-24W

Formation Test No. 2

2