

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

5

Company CITIES SERVICE OIL COMPANY

Lease and Well No. SCHABEN A #1

County NESS State KANSAS Date 4-26-64

Formation Test No.	<u>#1</u>	Total Depth	<u>4326</u>		
Interval Tested	<u>4312</u>	To	<u>4326</u>	Anchor Length	<u>14'</u>
Size Hole	<u>7 7/8</u>	Size Drill Pipe	<u>4 1/2 ACME</u>	Size Packer	<u>6 3/4</u>
Mud Weight	<u>10.1</u>	Viscosity	<u>47</u>	Bottom Hole Temp.	<u>112</u> ° F
Chokes: Top	<u>1/2</u>	Bottom	<u>1/2</u>	Ticket No.	<u>7004</u>

RECOVERY

WEAK BLOW FOR THREE MINUTES

FLUSHED TOOL IN TWENTY AND FORTY MINUTES

15' ROTARY MUD

Lease and Well No.

SCHABEN A #1

31 198 21W

Formation Test No.

#1

SPECIAL PRESSURE DATA

COMPANY CITIES SERVICE OIL COMPANY DATE 4-26-64

LEASE SCHABEN WELL NO. A 11 TEST NO. 11 TICKET NO. 7004

	TIME	PSI
INITIAL HYDRO MUD PRESSURE	---	2407
INITIAL CLOSED IN PRESSURE	30 MIN.	50
INITIAL FLOW	---	42
FINAL FLOW	60 MIN	42
FINAL CLOSED IN PRESSURE	30 MIN	45
FINAL HYDRO MUD PRESSURE	---	2380

TOTAL DEPTH 4326

PACKER DEPTH 4312

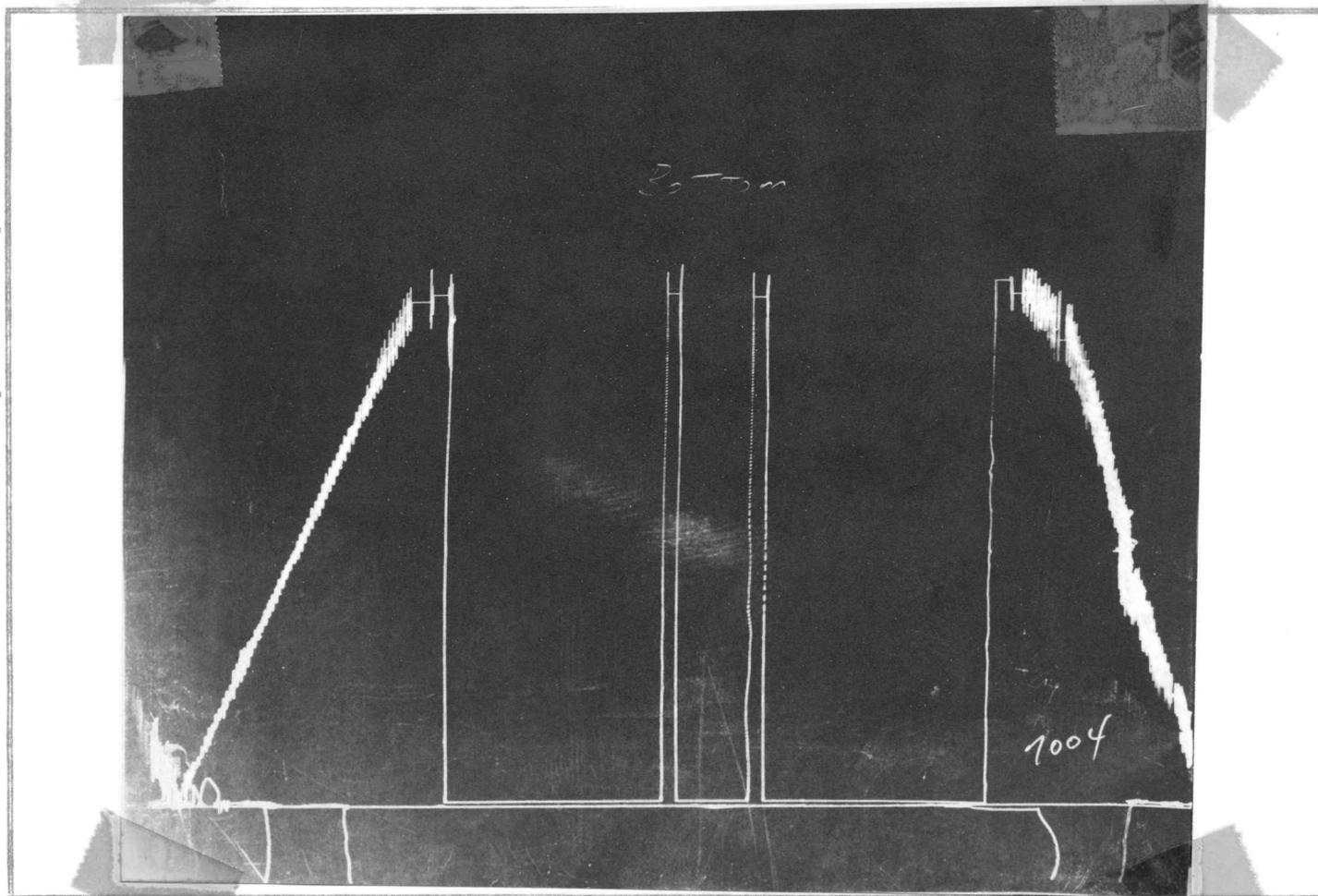
ST. NO. 905 DEPTH 4321

	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	.000	42	.000	42	.000	42	.000	42
P1	.042	42	.042	42	.083	42	.042	42
P2			.083	42	.167	42	.083	42
P3			.125	42	.250	42	.125	42
P4			.167	45	.333	42	.167	42
P5			.209	48	.416	42	.209	43
P6			.250	50	.499	42	.250	45
P7								
P8								
P9								
P10								
	5 MINUTE INTERVAL		5 MINUTE INTERVAL		10 MINUTE INTERVAL		5 MINUTE INTERVAL	

REMARKS _____

SPECIAL PRESSURE DATA

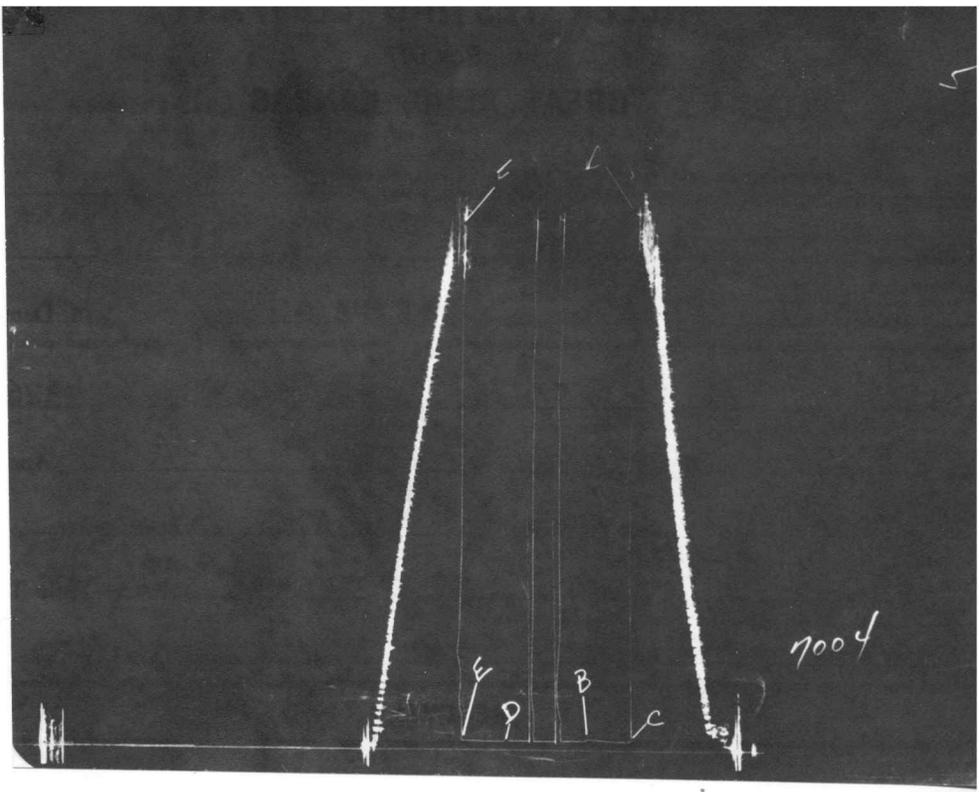
Pressure: Each Square _____ psi



Tool Open _____ 1 hr. _____ 5 mins: Shut-in: Initial _____ hr. _____ 30 mins: Final _____ hr. _____ 30 mins

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	2435	2407
(B) Initial Shut-in Pressure	58	50
(C) Initial Flow Pressure	40	42
(D) Final Flow Pressure	40	42
(E) Final Shut-in Pressure	46	45
(F) Final Hydrostatic Pressure	2430	2380

7004



MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

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Company CITIES SERVICE OIL COMPANY

Lease and Well No. SCHABEN A #1

County NESS State KANSAS Date 4-28-64

Formation Test No. #2 Total Depth 4412

Interval Tested 4378 To 4412 Anchor Length 34'

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

Mud Weight 10.1 Viscosity 49 Bottom Hole Temp. 117 ° F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 7077

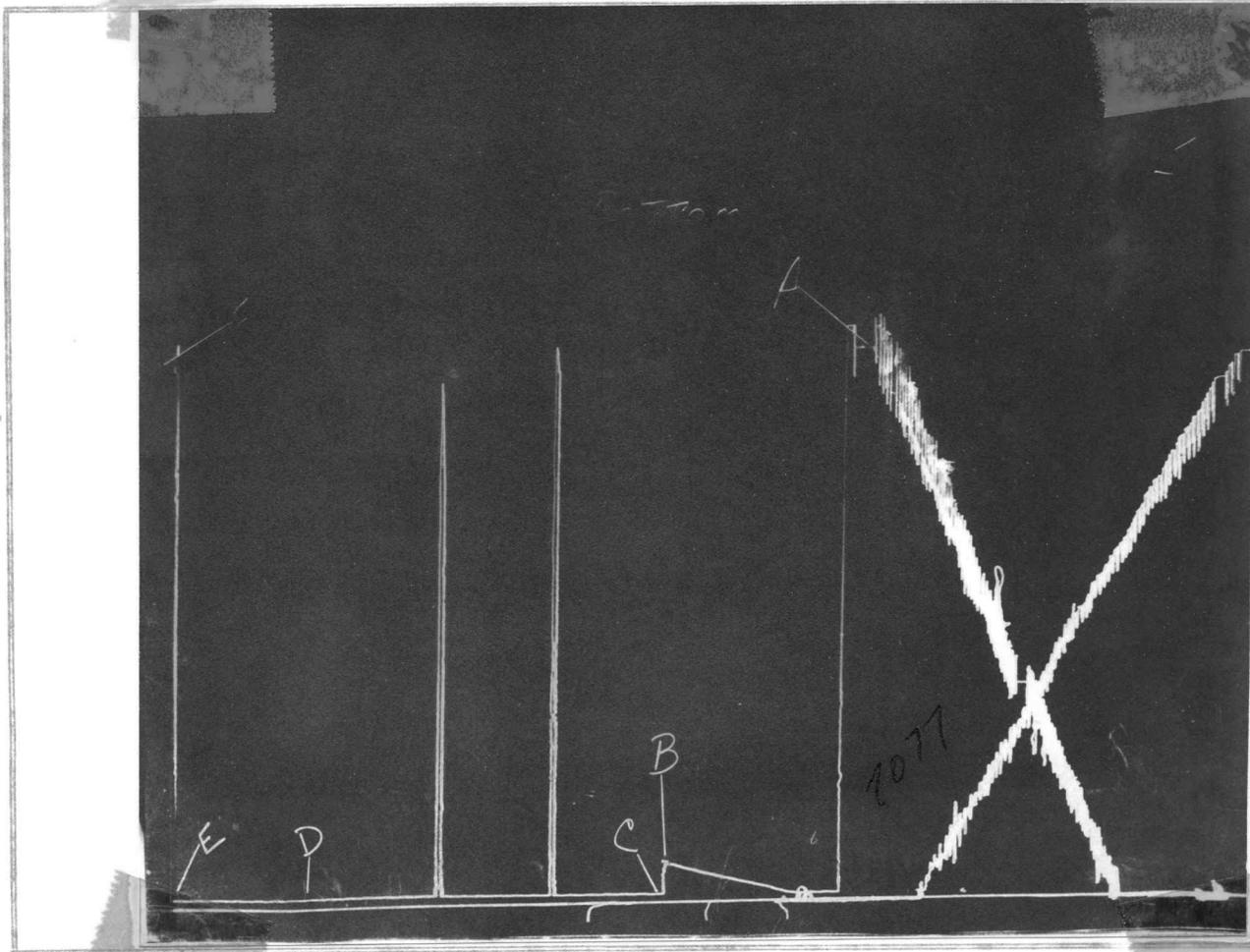
RECOVERY

WEAK BLOW FOR THREE MINUTES
FLUSHED TOOL AFTER OPEN TWENTY AND FORTY MINUTES

15' DRILLING MUD

Lease and Well No. SCHABEN A#1 31 198 21W Formation Test No. #2

Pressure: Each Square _____ psi



Tool Open 1 hr. 3 mins: Shut-in: Initial _____ hr. 30 mins: Final _____ hr. 30 mins

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2395</u>	<u>2395</u>
(B) Initial Shut-in Pressure	<u>185</u>	<u>185</u>
(C) Initial Flow Pressure	<u>50</u>	<u>50</u>
(D) Final Flow Pressure	<u>50</u>	<u>50</u>
(E) Final Shut-in Pressure	<u>50</u>	<u>50</u>
(F) Final Hydrostatic Pressure	<u>2390</u>	<u>2390</u>

7077

TOP
Clock stopped

7077

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company CITIES SERVICE OIL COMPANY

Lease and Well No. SCHABEN A #1

County NESS State KANSAS Date 4-28-64

Formation Test No.	<u>#3</u>	Total Depth	<u>4445</u>
Interval Tested	<u>4415</u>	To	<u>4445</u> Anchor Length <u>30'</u>
Size Hole	<u>7 7/8</u>	Size Drill Pipe	<u>4 1/2</u> AGME Size Packer <u>6 3/4</u>
Mud Weight	<u>9.8</u>	Viscosity	<u>48</u> Bottom Hole Temp. <u>121</u> ° F
Chokes: Top	<u>1/2</u>	Bottom	<u>1/2</u> Ticket No. <u>7078</u>

RECOVERY

GOOD BLOW THROUGHOUT TEST

550' MUDDY SALT WATER GOING TO CLEAR

SPECIAL PRESSURE DATA

Lease and Well No. SCHABEN A #1 31 195 21W Formation Test No. #3

COMPANY CITIES SERVICE OIL COMPANY DATE 4-28-64
 LEASE SCHABEN WELL NO. A #1 TEST NO. 3 TICKET NO. 7078

	TIME	PSI
INITIAL HYDRO MUD PRESSURE	---	2434
INITIAL CLOSED IN PRESSURE	30 MIN.	1418
INITIAL FLOW	---	55
FINAL FLOW	60 MIN.	278
FINAL CLOSED IN PRESSURE	30 MIN.	1391
FINAL HYDRO MUD PRESSURE	---	2397

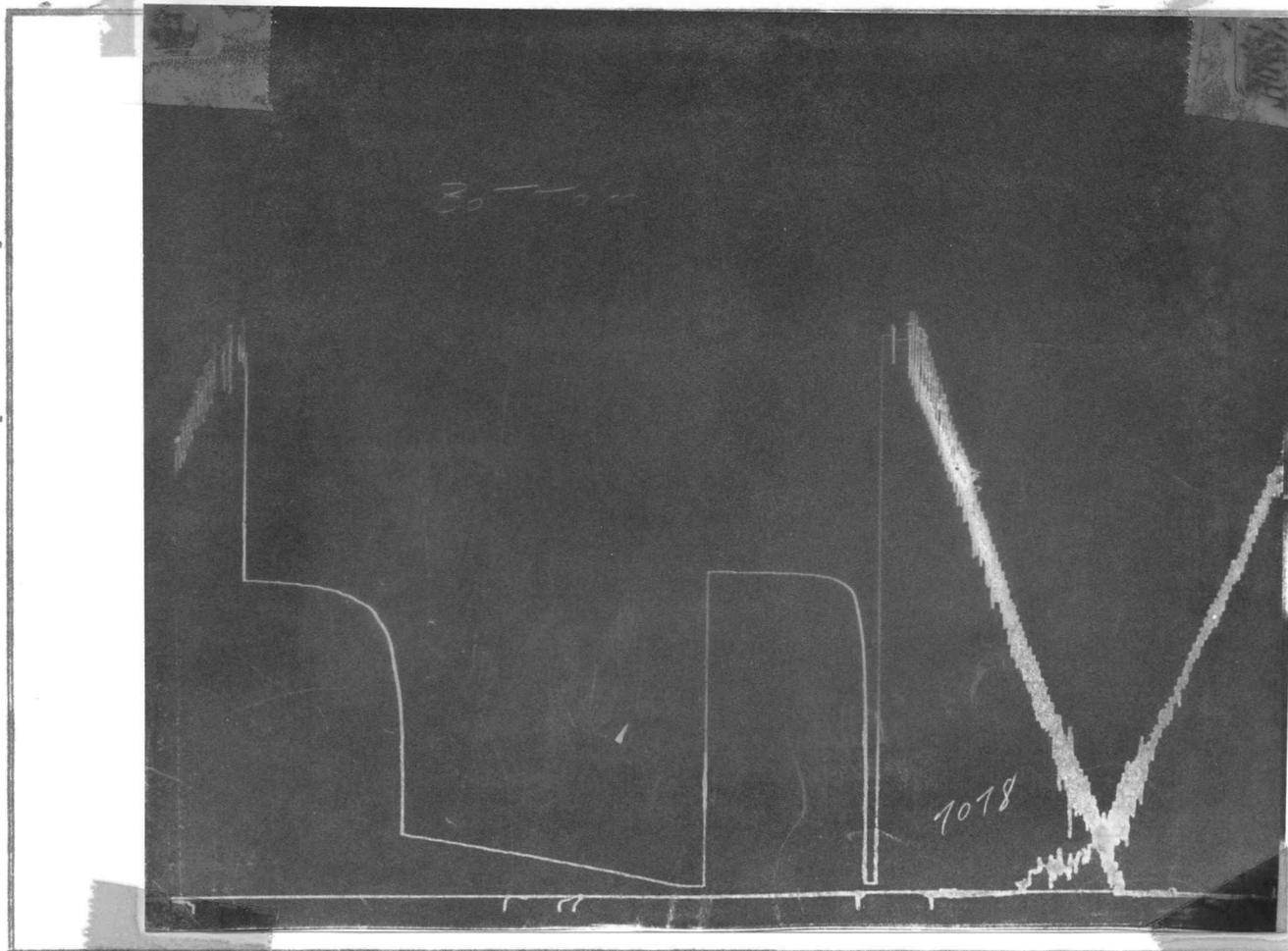
TOTAL DEPTH 4445
 PACKER DEPTH 4415
 BT. NO. 1049 DEPTH 4440

	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	.000	.55	.000	55	.000	73	.000	278
P1	.025	.55	.042	1363	.083	101	.042	1244
P2			.083	1400	.167	137	.083	1327
P3			.125	1409	.250	177	.125	1354
P4			.167	1415	.333	213	.167	1373
P5			.209	1418	.416	256	.209	1382
P6			.250	1418	.499	278	.250	1391
P7								
P8								
P9								
P10								
	3 MINUTE INTERVAL		5 MINUTE INTERVAL		10 MINUTE INTERVAL		5 MINUTE INTERVAL	

REMARKS _____

SPECIAL PRESSURE DATA

Pressure: Each Square _____ psi



Tool Open 1 hr. 3 mins: Shut-in: Initial _____ hr. 30 mins: Final _____ hr. 30 mins

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2385</u>	<u>2434</u>
(B) Initial Shut-in Pressure	<u>1410</u>	<u>1418</u>
(C) Initial Flow Pressure	<u>90</u>	<u>55</u>
(D) Final Flow Pressure	<u>285</u>	<u>278</u>
(E) Final Shut-in Pressure	<u>1395</u>	<u>1391</u>
(F) Final Hydrostatic Pressure	<u>2375</u>	<u>2397</u>

7078

