

MILLER TESTING COMPANY

15-101-20151

Box 547

36-16s-27w

GREAT BEND, KANSAS.

Company O. A. SUTTON

Lease and Well No. BAILEY #1

County LANE State KANSAS Date JULY 31, 1975

Formation Test No. 1 Total Depth 4060 Elev. 2657 D.F.

Interval Tested 4030 To 4060 Anchor Length 30'

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

Mud Weight 9.4 Viscosity 49 Water Loss 5.2 c.c. Bottom Hole Temp. 112 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 13374

Length of Drill Collar 216 I. D. 2.50 Length Flexweight I. D.

RECOVERY

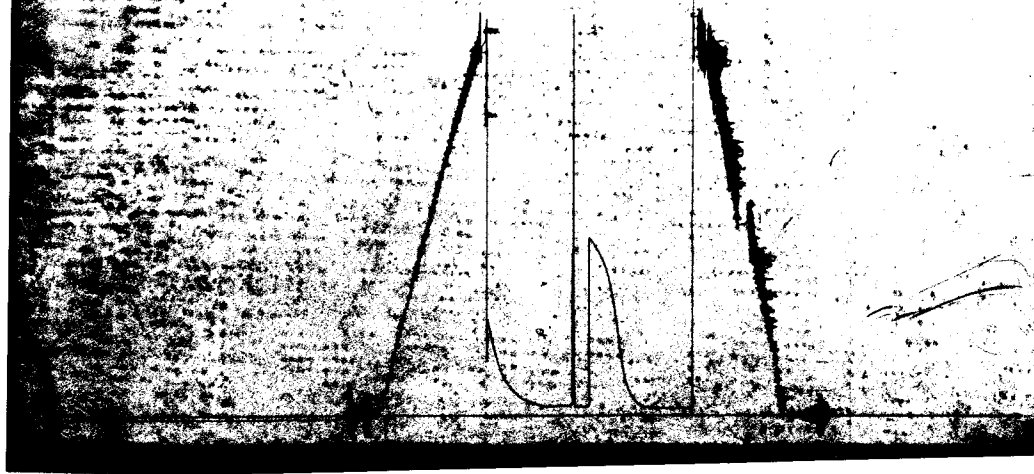
WEAK INTERMITTENT BLOW FOR 16 MINUTES. FLUSHED TOOL IN
10 MINUTES ON SECOND OPENING. NO BLOW.

15 FEET OF OIL SPECKED MUD.

Lease and Well No. BAILEY #1 36-16s-27w SE NW

Formation Test No. 1

6

4331
13374

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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	2077	2057
(B) Initial 1st Flow Pressure	34	44
(C) Final 1st Flow Pressure	34	44
(D) Initial Shut-in Pressure	997	1008
(E) Initial 2nd Flow Pressure	34	54
(F) Final 2nd Flow Pressure	39	59
(G) Final Shut-in Pressure	545	556
(H) Final Hydrostatic Pressure	2056	2057

13374

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company O. A. SUTTON
 Lease and Well No. BAILEY #1
 County LANE State KANSAS Date AUGUST 2, 1975

Formation Test No. 2 Total Depth 4285 Elev. 2657 D.F.
 Interval Tested 4240 To 4285 Anchor Length 45'
 Size Hole 7 7/8 Size Drill Pipe 4 1/2 F.H. Size Packer 6 3/4
 Mud Weight 9.3 Viscosity 41 Water Loss 6.4 c.c. Bottom Hole Temp. 114 °F
 Chokes: Top 1/2 Bottom 1/2 Ticket No. 13375
 Length of Drill Collar 216 I. D. 2.50 Length Flexweight I. D.

RECOVERY

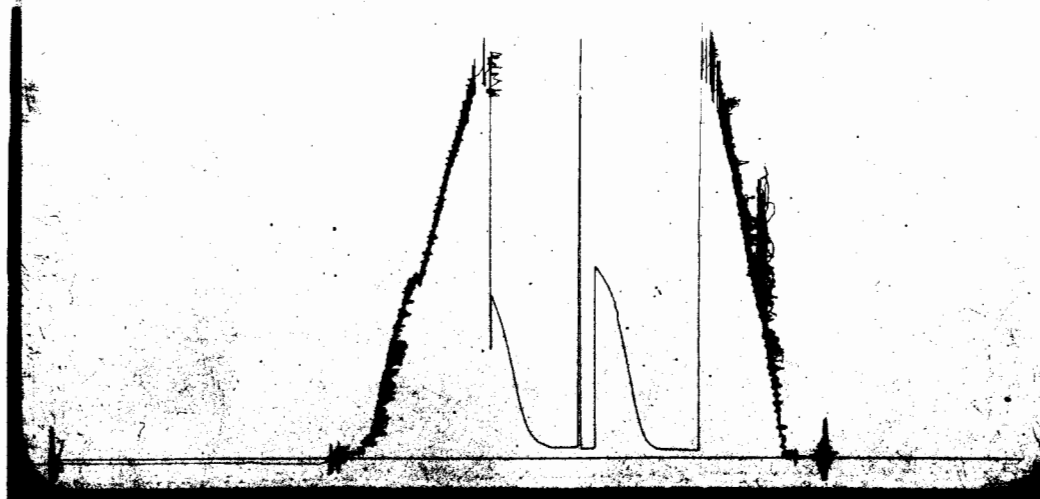
WEAK BLOW FOR 9 MINUTES. FLUSHED TOOL IN 10 MINUTES
 ON SECOND OPENING. NO BLOW.

15 FEET OF DRILLING MUD.

Lease and Well No. BAILEY #1 36-16S-27W SE NW

Formation Test No. 2

6 — 4331
— 13375



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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	2172	2225
(B) Initial 1st Flow Pressure	34	44
(C) Final 1st Flow Pressure	34	54
(D) Initial Shut-in Pressure	1082	1083
(E) Initial 2nd Flow Pressure	43	54
(F) Final 2nd Flow Pressure	56	59
(G) Final Shut-in Pressure	911	924
(H) Final Hydrostatic Pressure	2140	2172

13375

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company O. A. SUTTON

Lease and Well No. BAILEY #1

County LANE State KANSAS Date AUGUST 3, 1975

Formation Test No.	<u>3</u>	Total Depth	<u>4485</u>	Elev.	<u>2657 D.F.</u>
Interval Tested	<u>4448</u>	To	<u>4485</u>	Anchor Length	<u>37'</u>
Size Hole	<u>7 7/8</u>	Size Drill Pipe	<u>4 1/2 F.H.</u>	Size Packer	<u>6 3/4</u>
Mud Weight	<u>9.7</u>	Viscosity	<u>48</u>	Water Loss	<u>7</u> c.c.
				Bottom Hole Temp.	<u>116</u> °F
Chokes: Top	<u>1/2</u>	Bottom	<u>1/2</u>	Ticket No.	<u>14101</u>
Length of Drill Collar	<u>216</u>	I. D.	<u>2.50</u>	Length Flexweight	<u>I. D.</u>

RECOVERY

GOOD BLOW OF GAS TO SURFACE IN 50 MINUTES ON SECOND
OPENING.

510 FEET OF CLEAN OIL.
180 FEET OF MUDDY OIL.

Lease and Well No. BAILEY #1 36-16S-27W SE NW

Formation Test No. 3

COMPANY O. A. SUTTONDATE AUGUST 3, 1975LEASE BAILEYWELL
NO. 1TEST
NO. 3TICKET NO. 14101

	TIME	PSI
INITIAL HYDRO MUD PRESSURE		2340
INITIAL CLOSED IN PRESSURE	45 MINUTES	1249
INITIAL FLOW	30 MINUTES	59 to 109
FINAL FLOW	75 MINUTES	131 to 251
FINAL CLOSED IN PRESSURE	45 MINUTES	1121
FINAL HYDRO MUD PRESSURE		2319

TOTAL DEPTH 4485PACKER DEPTH 4448AK-1 NO. 4331 DEPTH 4480

1ST FLOW PRESSURE		INITIAL CIP		2ND FLOW PRESSURE		FINAL CIP	
	59		109		131		251
	76		1072		153		1008
	98		1168		179		1051
	109		1189		207		1072
			1210		229		1083
			1221		251		1100
			1228				1104
			1236				1113
			1243				1117
			1249				1121
10 MINUTE INTERVAL		5 MINUTE INTERVAL		15 MINUTE INTERVAL		5 MINUTE INTERVAL	

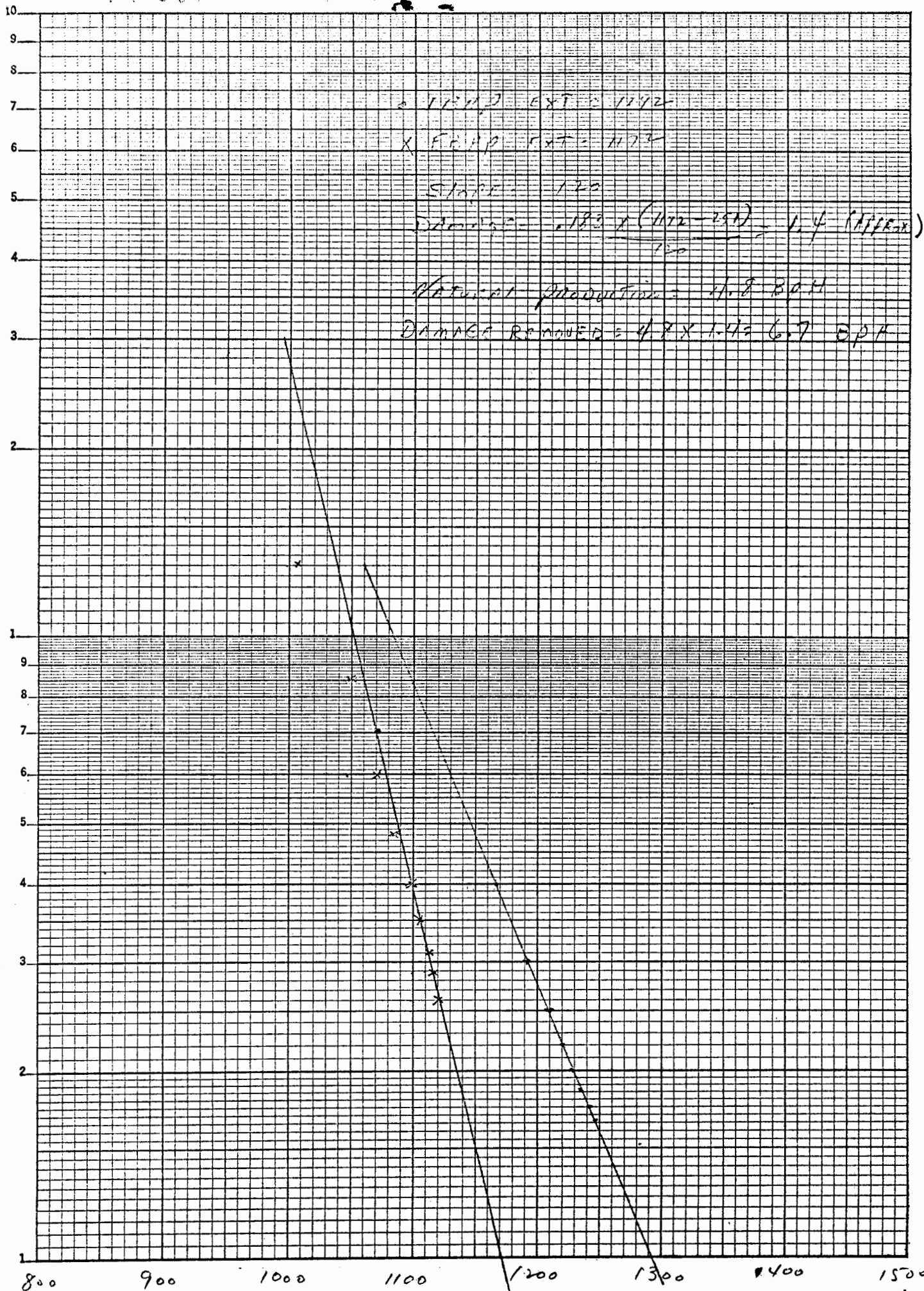
REMARKS _____

SPECIAL PRESSURE DATA

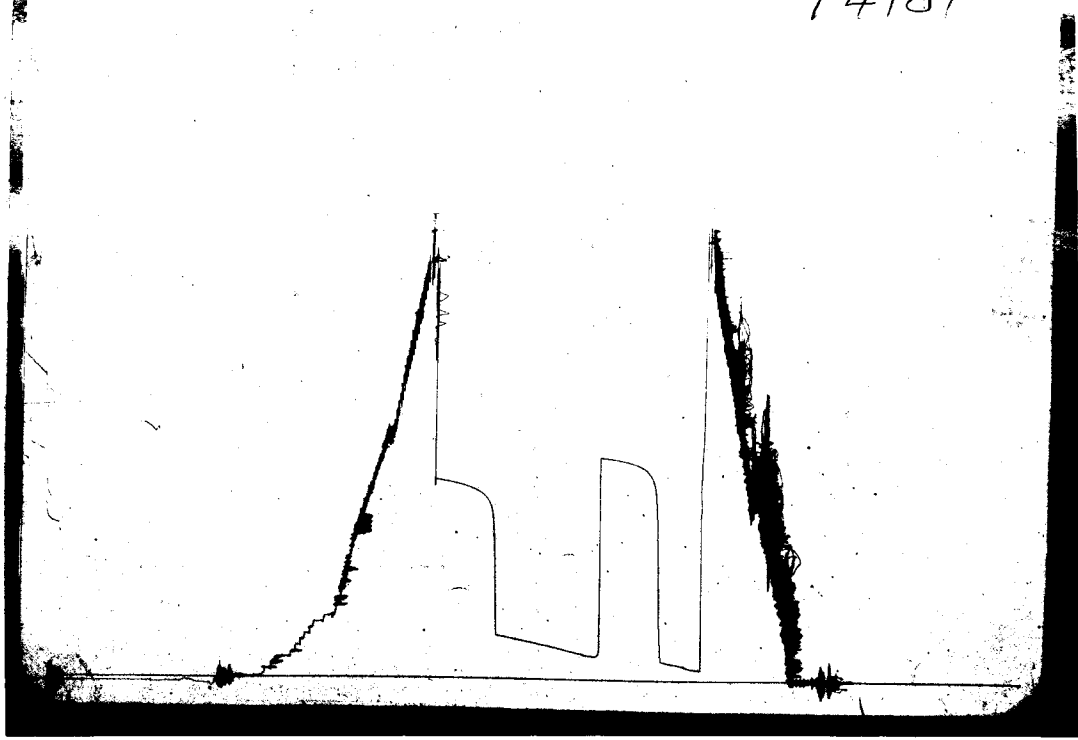
C. A. SUTTON

Well #1

DST # 3



4331
14101



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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2308</u>	<u>2340</u>
(B) Initial 1st Flow Pressure	<u>76</u>	<u>59</u>
(C) Final 1st Flow Pressure	<u>109</u>	<u>109</u>
(D) Initial Shut-in Pressure	<u>1242</u>	<u>1249</u>
(E) Initial 2nd Flow Pressure	<u>120</u>	<u>131</u>
(F) Final 2nd Flow Pressure	<u>240</u>	<u>251</u>
(G) Final Shut-in Pressure	<u>1114</u>	<u>1121</u>
(H) Final Hydrostatic Pressure	<u>2287</u>	<u>2319</u>

14101