

MILLER TESTING COMPANY

5

Box 547

GREAT BEND, KANSAS

Company CITIES SERVICE OIL COMPANY

Lease and Well No. REIN #1

County NESS State KANSAS Date 6-3-64

Formation Test No. #1 Total Depth 4449
 Interval Tested 4444 To 4449 Anchor Length 5'
 Size Hole 7 7/8 Size Drill Pipe 4 1/2 ACME H-90 Size Packer 6 3/4
 Mud Weight 9.8 Viscosity 40 Bottom Hole Temp. 117 ° F
 Chokes: Top 1/2 Bottom 1/2 Ticket No. 7020

RECOVERY

WEAK BLOW FOR TWENTY-FIVE MINUTES
FLUSHED TOOL IN THIRTY MINUTES WEAK BLOW LAST THIRTY MINUTES

CHART SHOWED PLUGGING ACTION FOR TEN MINUTES
ON SECOND OPENING

35' OIL CUT MUD

SPECIAL PRESSURE DATA

Lease and Well No. REIN #1

29 19521W C NW SE

Formation Test No. #1

29-195-21W

COMPANY CITIES SERVICE OIL COMPANY

DATE 6-3-64

LEASE REIN

WELL NO. 1

TEST NO. 1

TICKET NO. 7020

	TIME	PSI
INITIAL HYDRO MUD PRESSURE	-----	2408
INITIAL CLOSED IN PRESSURE	30 MIN	1400
INITIAL FLOW	----	35
FINAL FLOW	60 MIN	44
FINAL CLOSED IN PRESSURE	30 MIN	1265
FINAL HYDRO MUD PRESSURE	-----	2380

TOTAL DEPTH 4449

PACKER DEPTH 4444

BT. NO. 905 DEPTH 4436

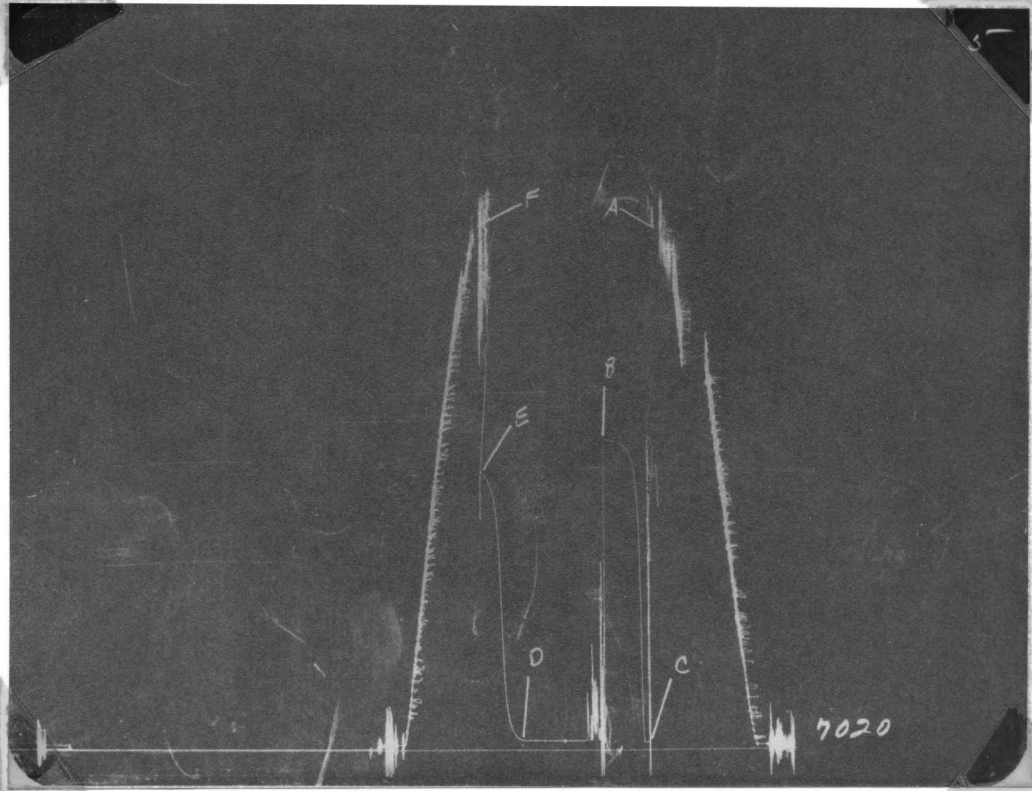
	1ST FLOW PRESSURE		INITIAL CIP		2ND FLOW PRESSURE		FINAL CIP	
	TIME DEFL. .000"	PSI TEMP. CORR.	TIME DEFL. .000"	PSI TEMP. CORR.	TIME DEFL. .000"	PSI TEMP. CORR.	TIME DEFL. .000"	PSI TEMP. CORR.
P0	.000	35	.000	35	.000	42	.000	44
P1	.026	35	.042	892	.083	42	.042	70
P2			.083	1340	.167	43	.083	170
P3			.125	1375	.250	43	.125	680
P4			.167	1387	.333	44	.167	1145
P5			.209	1394	.416	44	.209	1220
P6			.250	1400	.500	44	.250	1265
P7								
P8								
P9								
P10								
	3 MINUTE INTERVAL		5 MINUTE INTERVAL		10 MINUTE INTERVAL		5 MINUTE INTERVAL	

REMARKS SOME PLUGGING ACTION FIRST TEN MINUTES AFTER SECOND OPENING

SPECIAL PRESSURE DATA

195-21M

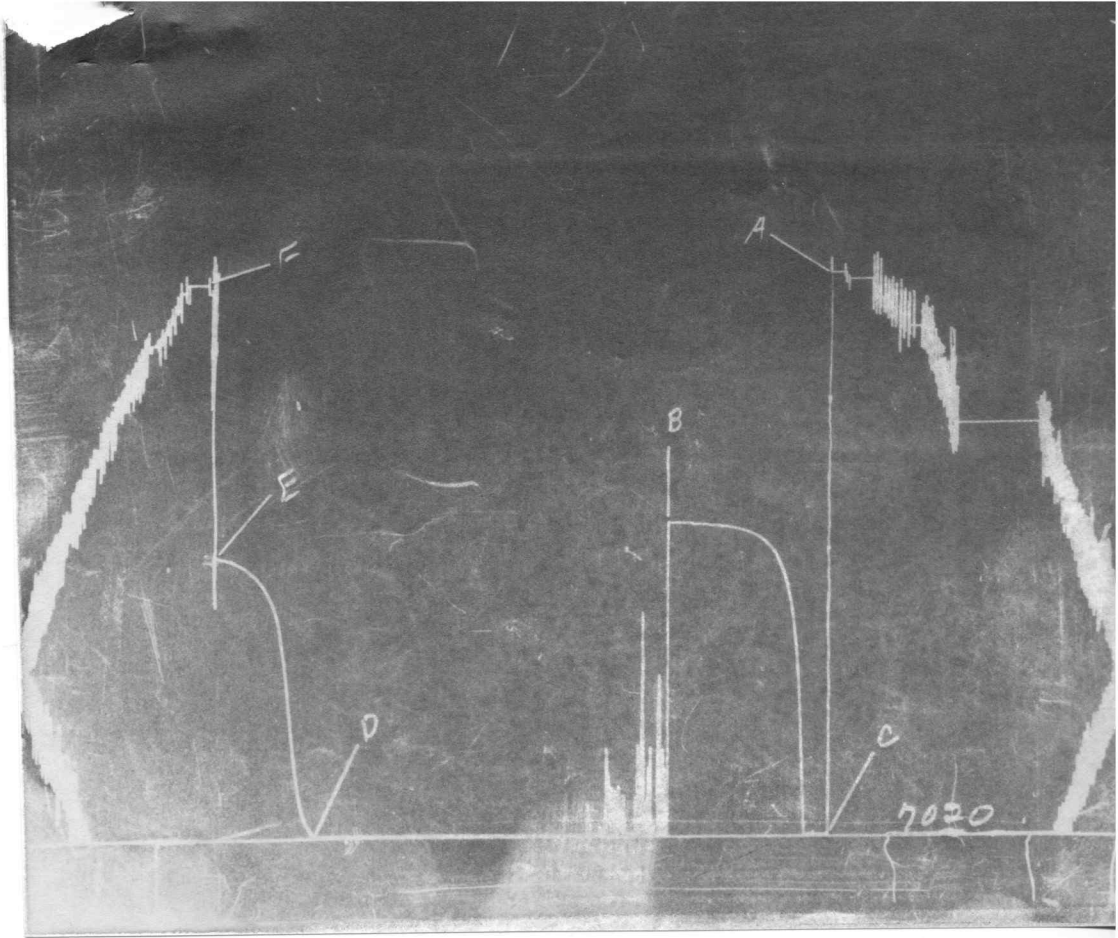
Pressure: Each Square _____ psi



Tool Open: 1st Flow _____ hr. 3 mins: 2nd Flow 1 hr. _____ mins: Shut-in: Initial _____ hr. 30 mins: Final _____ hr. 30 mins

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2495</u>	<u>2408</u>
(B) Initial Shut-in Pressure	<u>1398</u>	<u>1400</u>
(C) Initial Flow Pressure	<u>36</u>	<u>35</u>
(D) Final Flow Pressure	<u>45</u>	<u>44</u>
(E) Final Shut-in Pressure	<u>1255</u>	<u>1265</u>
(F) Final Hydrostatic Pressure	<u>2485</u>	<u>2380</u>

7020



MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

5

Company CITIS SERVICE OIL COMPANY

Lease and Well No. REIN #1

County NESS State KANSAS Date 6-3-64

Formation Test No. #2 Total Depth 4461

Interval Tested 4449 To 4461 Anchor Length 12'

Size Hole 7 7/8 Size Drill Pipe 4 1/2 ACME H-90 Size Packer 6 3/4

Mud Weight 9.8 Viscosity 43 Bottom Hole Temp. 122 ° F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 7021

RECOVERY

FAIR BLOW THROUGHOUT TEST
PACKER LEAKED A LITTLE ON INITIAL OPENING

3' FREE OIL
63' MUDDY OIL
126' SLIGHTLY OIL AND GAS CUT MUD
252' WATER

Lease and Well No. REIN #1 29 19 21 C NW SE Formation Test No. #2

SPECIAL PRESSURE DATA

29-19-21W

COMPANY CITIES SERVICE OIL COMPANY

DATE 6-3-64

LEASE REIN

WELL NO. 1

TEST NO. 2

TICKET NO. 7021

	TIME	PSI
INITIAL HYDRO MUD PRESSURE	-----	2421
INITIAL CLOSED IN PRESSURE	30 MIN	1375
INITIAL FLOW	-----	77
FINAL FLOW	60 MIN	212
FINAL CLOSED IN PRESSURE	30 MIN	1220
FINAL HYDRO MUD PRESSURE	-----	2380

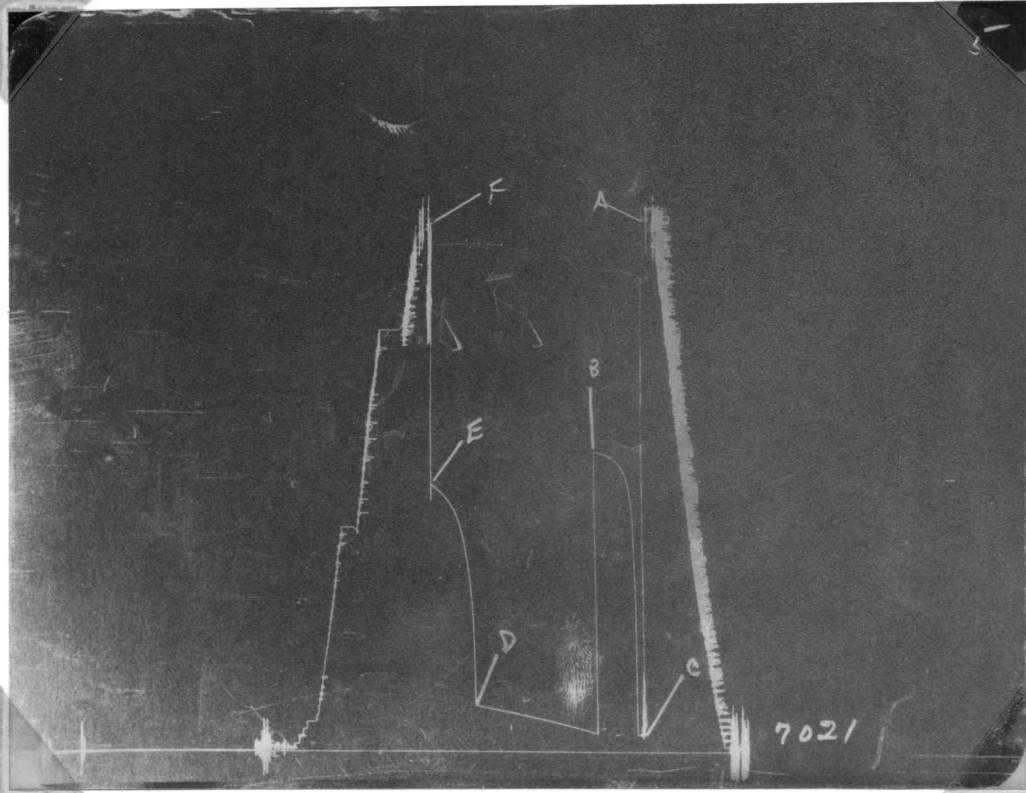
TOTAL DEPTH 4461
 PACKER DEPTH 4449
 BT. NO. 905 DEPTH 4456

	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	77	.000	77	.000	85	.000	212
P1	.042	77	.042	1230	.083	100	.042	892
P2			.083	1317	.167	120	.083	1060
P3			.125	1340	.250	135	.125	1120
P4			.167	1360	.333	150	.167	1162
P5			.209	1367	.416	160	.209	1190
P6			.250	1375	.500	177	.250	1220
P7					.583	185		
P8					.667	201		
P9					.750	212		
P10								
	5 MINUTE INTERVAL		5 MINUTE INTERVAL		10 MINUTE INTERVAL		5 MINUTE INTERVAL	

REMARKS _____

SPECIAL PRESSURE DATA

Pressure: Each Square _____ psi



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

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2470</u>	<u>2421</u>
(B) Initial Shut-in Pressure	<u>1365</u>	<u>1375</u>
(C) Initial Flow Pressure	<u>80</u>	<u>77</u>
(D) Final Flow Pressure	<u>208</u>	<u>212</u>
(E) Final Shut-in Pressure	<u>1230</u>	<u>1220</u>
(F) Final Hydrostatic Pressure	<u>2450</u>	<u>2380</u>

