

Company LEWIS DRILLING COMPANY

Date 7-21-57

Lease FAIR Well No. 1

Ticket No. 113047

Test No. 1

	Time	PSI
Initial Hydro Mud Pressure		1609
Initial Closed In Pressure	20 Mins.	Questionable 1139
Initial Flow		23
Final Flow	60 Mins.	27
Final Closed In Pressure	20 Mins.	1027
Final Hydro Mud Pressure		1573

Total Depth 3150'

Packer Depth 3132'

BT No. 375 Depth 3121'

12 Hr. Clock No. -

Temperature Corrected to Calculated 100 ° F.

	Initial CIP			Flow Pressure			Final CIP		
	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.	Time Defl. .000"	PSI Defl. .000"	PSI Temp. Corr.
P0				.000	.015	23	.000	.018	27
P1				.100	.014	21	.0145	.114	172
P2				.200	.016	24	.029	.403	616
P3				.300	.018	27	.0435	.545	831
P4				.400	.018	27	.058	.604	920
P5							.0725	.628	956
P6							.087	.644	980
P7							.1015	.656	998
P8							.116	.663	1009
P9							.1305	.669	1018
P10							.145	.675	1027
	Minute Intervals			15 Minute Intervals			2 Minute Intervals		

Remarks: _____



HOLE & TOOL DATA

LOCATION 3-21-11 FIELD Willcat COUNTY Stafford STATE Kansas CONTRACTOR Lewis Drilling Company

MUD DATA Kind Starch Weight 9.6 lbs.-gal. Viscosity 35 Filter Loss 4.0 c. c. Filter Cake 3/32 in. Est. Gauge Depth Temp. Galulated 100 F. Time Tool Opened 60 Minutes Initial -20 Minutes Final -20 Minutes

Depth BT. Gauge 3121' BT. P.R.D. No. 375 Blanked Off No

Pressure Readings Field Office Corrected Initial Hydro Mud Pressure 1627 1609 p.s.i. Initial Flow Pres. 15 23 p.s.i. Final Flow Pres. 22 27 p.s.i. Initial 1128 Final 1022 Initial 1139 Final 1027 p.s.i. Final Hydro Mud Pressure 1568 1573 p.s.i.

Amount of Cushion None All depths measured from Kelly Bushing No. Folders Reproduced 5

Formation Tested Kansas City Size Drill Pipe 4-1/2" API FH Size Drill Collar 6" Size Bottom Choke 5/8" Size Surface Choke 1/2 Size Hook Wall Packer - No. Rings - Size & Type Wall Packer 6-3/4" ESAP No. Packers 1 Size & Length Anchor 4-1/2" X 18'

PRD Device No. 1959 Depth 3146' Blanked Off Yes

REMARKS: Set packer, opened tool to take a 20 minute Initial Closed in Pressure. Opened tool, which slid 9' to bottom, with a weak blow that lasted for 20 minutes. Recovered 35' of drilling mud. Tool opened 3:20 PM. Closed in for Final Closed in Pressure, 4:20 PM. (Used 7' of air chamber.)

Date 7-21-57 Ticket No. 113047 HOWCO DISTRICT Great Bend Kind of Job Open Hole Test Price \$220.00 Second Packer Assembly Safety Joint Extra Folder Charge Jars Witnessed By B. Brooks J. Guthrie Tester

Total \$220.00

Witnessed By B. Brooks

J. Guthrie Tester

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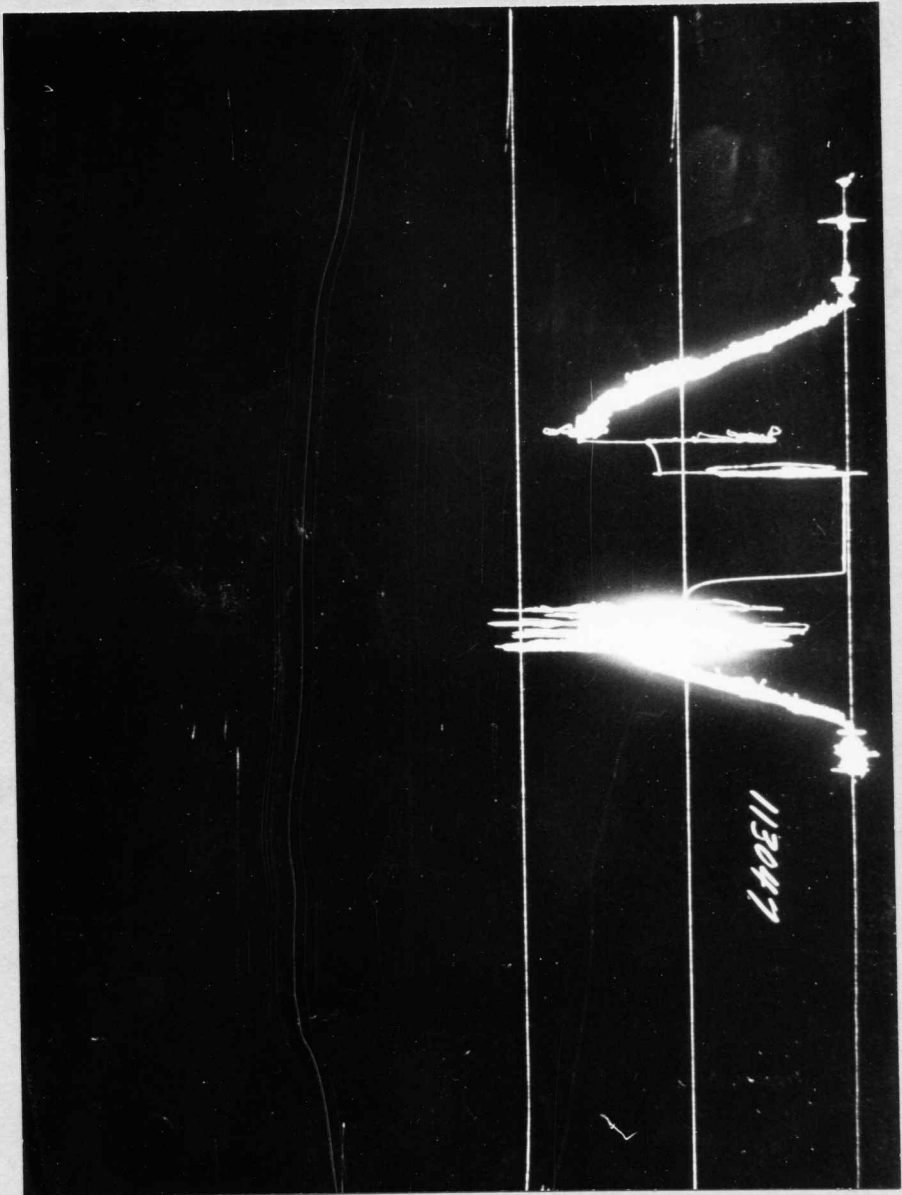
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PRESSURE

Top Recorder

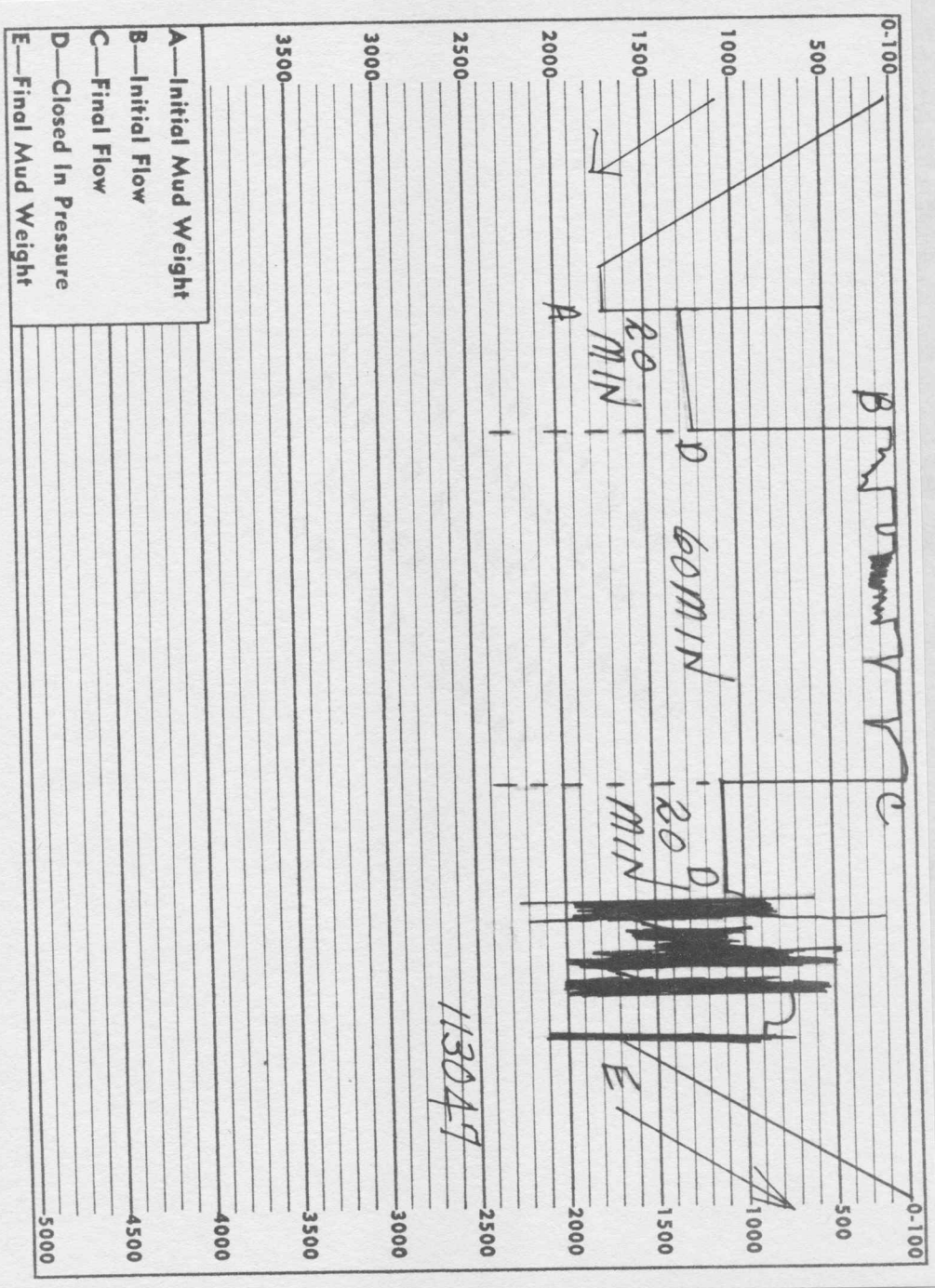
TIME



Each Horizontal Line Equal to 1000 p.s.i.

Bottom Recorder

TIME



HOWCO—LITTLE'S 52844 7EC 4-57

Each Horizontal Line Equal to 1000 p.s.i.

PRESSURE

LEASE

WELL NO.

TEST NO.

COMPANY



LOCATION SEC: -

FIELD Willcat

COUNTY Stafford

STATE Kansas

CONTRACTOR Company Tools

MUD DATA

Kind Starch

Weight 9.4 lbs.-gal.

Viscosity 38.5 Sec.

Filter Loss 17.6 c. Filter Cake 2/32 in.

Est. Gauge Depth Temp. Calc. 100 F.

Time Tool Opened 90 minutes

Time Closed In. 20 minutes

Depth BT. Gauge 33171

BT. P.R.D. No. 375 Blanked Off No

12 Hr. Clock No. 3121

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 1735 p.s.i.

Initial Flow Pres. 13 p.s.i.

Final Flow Pres. 13 p.s.i.

Closed in Pres. 35 p.s.i.

Final Hydro Mud Pressure 1682 p.s.i.

HOLE & TOOL DATA

Total Depth 33381 Casing Perforations Top Bottom

Top Packer Depth 33281 Bottom Packer Depth

Casing or Hole Size 7 7/8" Liner or Rathole Size

Formation Tested Arbuckle

Size Drill Pipe 4 1/2" API FH Size Drill Collars

Size Bottom Choke 5/8" Size Surface Choke 1/2"

Size Hook Wall Packer - Size Rings - No. Rings -

Size & Type Wall Packer 6 3/4" ESMP No. Packers 1

Size & Length Anchor 4 1/2" x 10'

PRD Device No. 1959 Depth 33341 Blanked Off Yes

REMARKS: Interval tested 33281 to 33381 in the Arbuckle.

Tool opened @ 10:45 A. M. with a very weak blow and continued

throughout the test, closed in pressure taken @ 12:15 P. M., and

started off bottom @ 12:35 P. M. Recovered 60' of gas and 12' of

oil & gas cut mud.

Amount of Cushion none All depths measured from Kelly Bushing

No. Folders 5 Reproduced

Date 7-23-57

Ticket No. 113049

HOWCO DISTRICT Great Bend

Kind of Job Open Hole Test

Price \$220.00

Second Packer Assembly -

Safety Joint 1

Extra Folder -

Charge Jars -

Total \$220.00

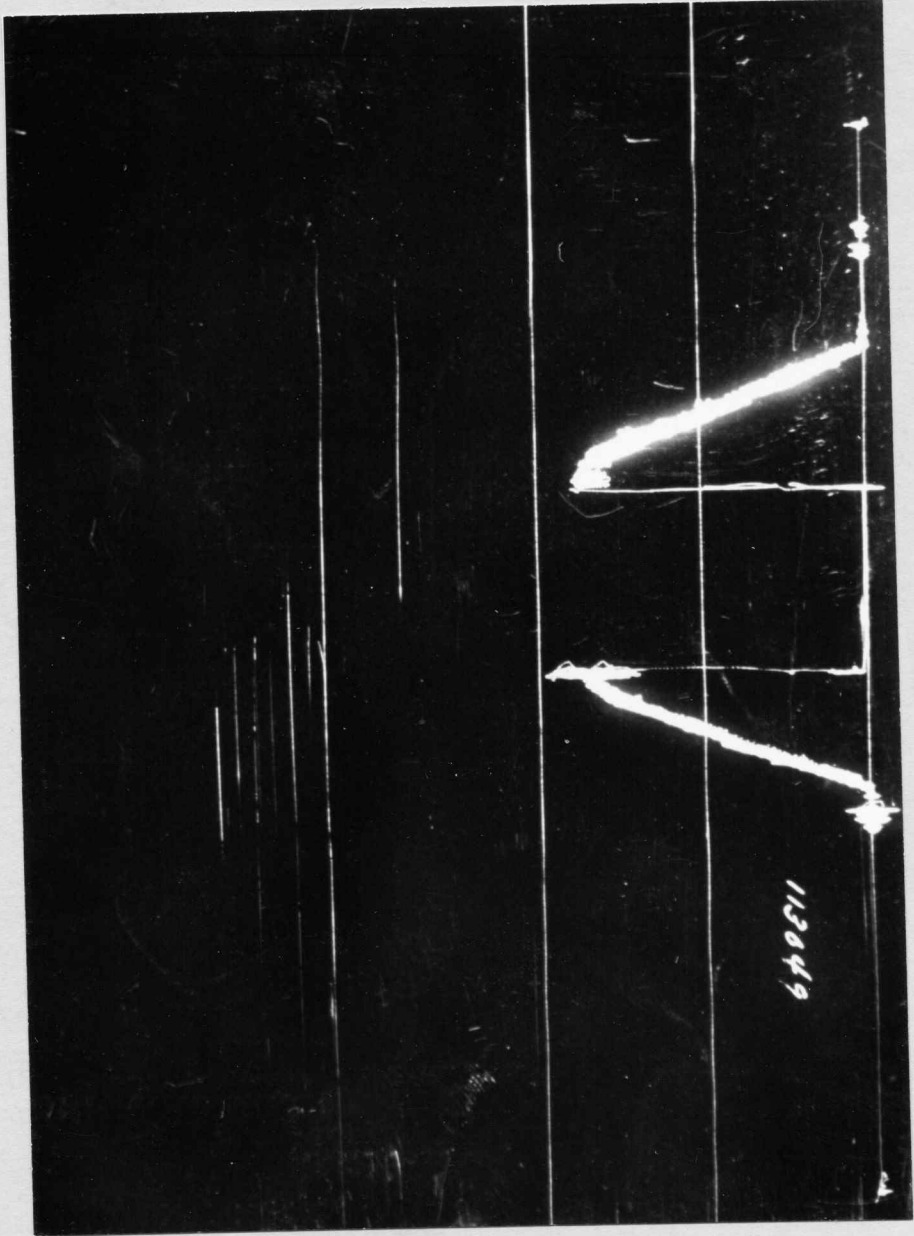
Witnessed By Mr. H. Brooks

Tester J. H. Guthrie

PRESSURE

Top Recorder

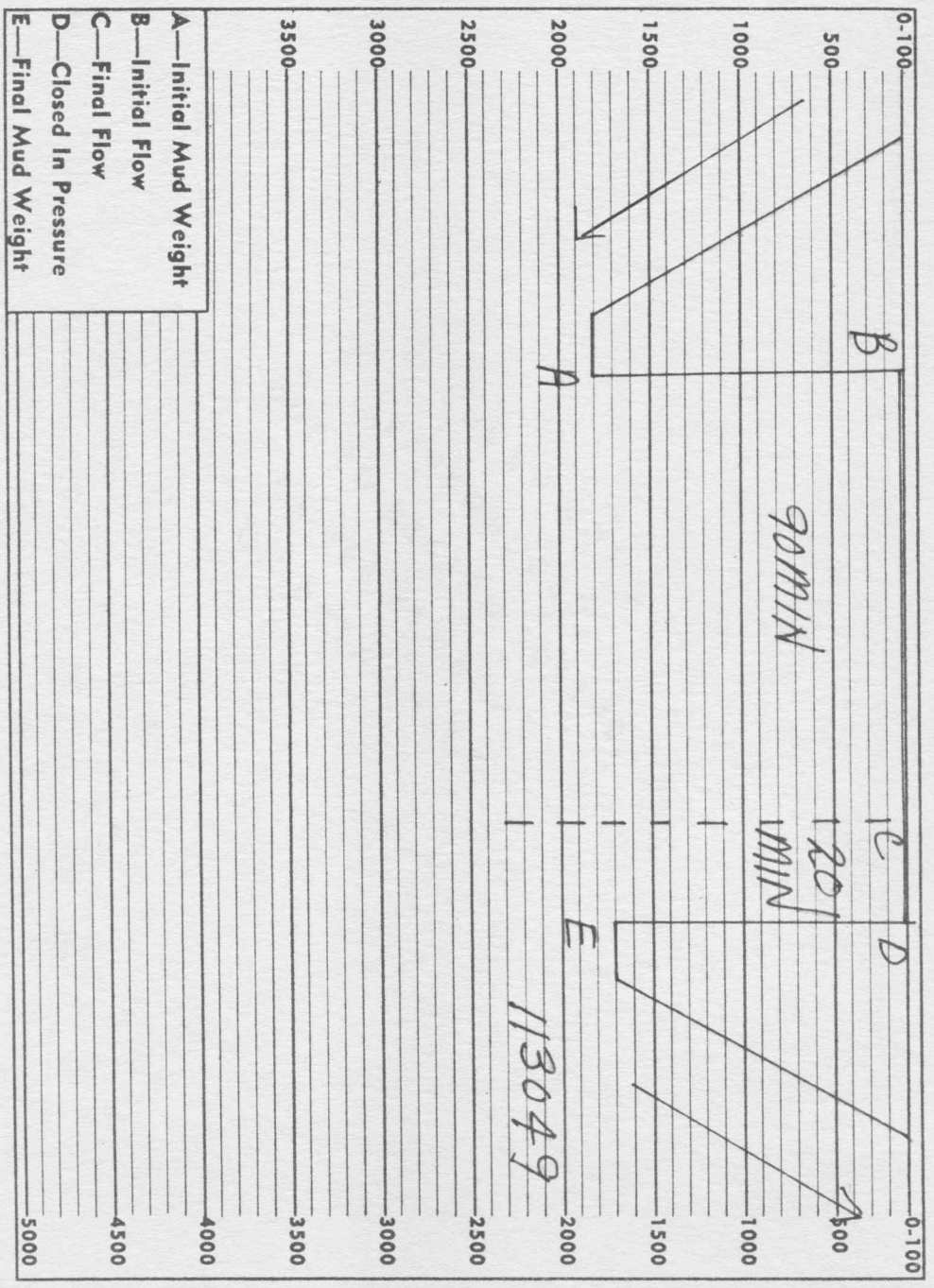
TIME



Each Horizontal Line Equal to 1000 p.s.i.

Bottom Recorder

TIME



Each Horizontal Line Equal to 1000 p.s.i.