

LOEWEN

LEASE

C-4

WELL NO.

1

TEST NO.

CITIES SERVICE OIL COMPANY

COMPANY

OYB 121-3E

DISTRICT

LOCATION 18-21-3

FIELD -

COUNTY Marion

STATE Kansas

CONTRACTOR White & Ellis Drig.

MUD DATA

Kind Chemical

Weight 9.7 lbs.-gal.

Viscosity 36 Sec.

Filter Loss 12 c. c. Filter Cake 2/32 in.

Est. Gauge Depth Temp. Calc. 100° F°

Time Tool Opened 15 Minutes

Time Closed In. 30 Minutes

Depth BT. Gauge 2826'

BT. P.R.D. No. 737 Blanked Off NO

12 Hr. Clock No. 948

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 1430 1431 p.s.i.

Initial Flow Pres. 220 215 p.s.i.

Final Flow Pres. 890 861 p.s.i.

Closed in Pres. 1000 984 p.s.i.

Final Hydro Mud Pressure 1400 1415 p.s.i.



HOLE & TOOL DATA

Total Depth 2849'

Top Packer Depth 2822'

Casing or Hole Size 7 7/8"

Formation Tested Hunton

Size Drill Pipe 4 1/2" PH.

Size Bottom Choke 5/8"

Size Hook Wall Packer Size Rings

Size & Type Wall Packer 6 3/4" ESWP.

Size & Length Anchor 4" x 27'

PRD Device No. 1917 Depth 2845'

REMARKS: Set packer, opened tool and received a strong blow through-

out test. Recovered 2200' of free oil, 30' of heavily oil

cut mud.

Date 1-1-57

Ticket No. 102092

HOWCO DISTRICT Eldorado

Kind of Job Open Hole

Price \$226.00

Second Packer Assembly

Safety Joint

Extra Folder Charge

Jars

Total \$226.00

Witnessed By Virgil Hughey

Tester J.J. Kuhn

Amount of Cushion

None

All depths measured from

Kelly Bushing

No. Folders Reproduced

5

Company CITIES SERVICE OIL COMPANY

Date 1-1-57

Lease LOEWEN

Well No. C-4

Ticket No. 102092

Test No. 1

	Time	PSI
Initial Hydro Mud Pressure		1431
Initial Closed In Pressure		-
Initial Flow		215
Final Flow	15 Minutes	861
Final Closed In Pressure	30 Minutes	984
Final Hydro Mud Pressure		1415

Total Depth 2849'

Packer Depth 2822'

BT No. 737 Depth 2826'

12 Hr. Clock No. 948

Temperature Corrected to Calc. 100⁰ ° 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	.639	861
P1							.021	.727	979
P2							.042	.729	981
P3							.063	.729	981
P4							.084	.729	981
P5							.105	.729	981
P6							.126	.729	981
P7							.147	.730	983
P8							.168	.731	984
P9							.189	.731	984
P10							.210	.731	984
	Minute Intervals			Minute Intervals			3 Minute Intervals		

Remarks:

PRESSURE

Top Recorder

TIME

102092

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

LOEWEN
LEASE

C-4
WELL NO.

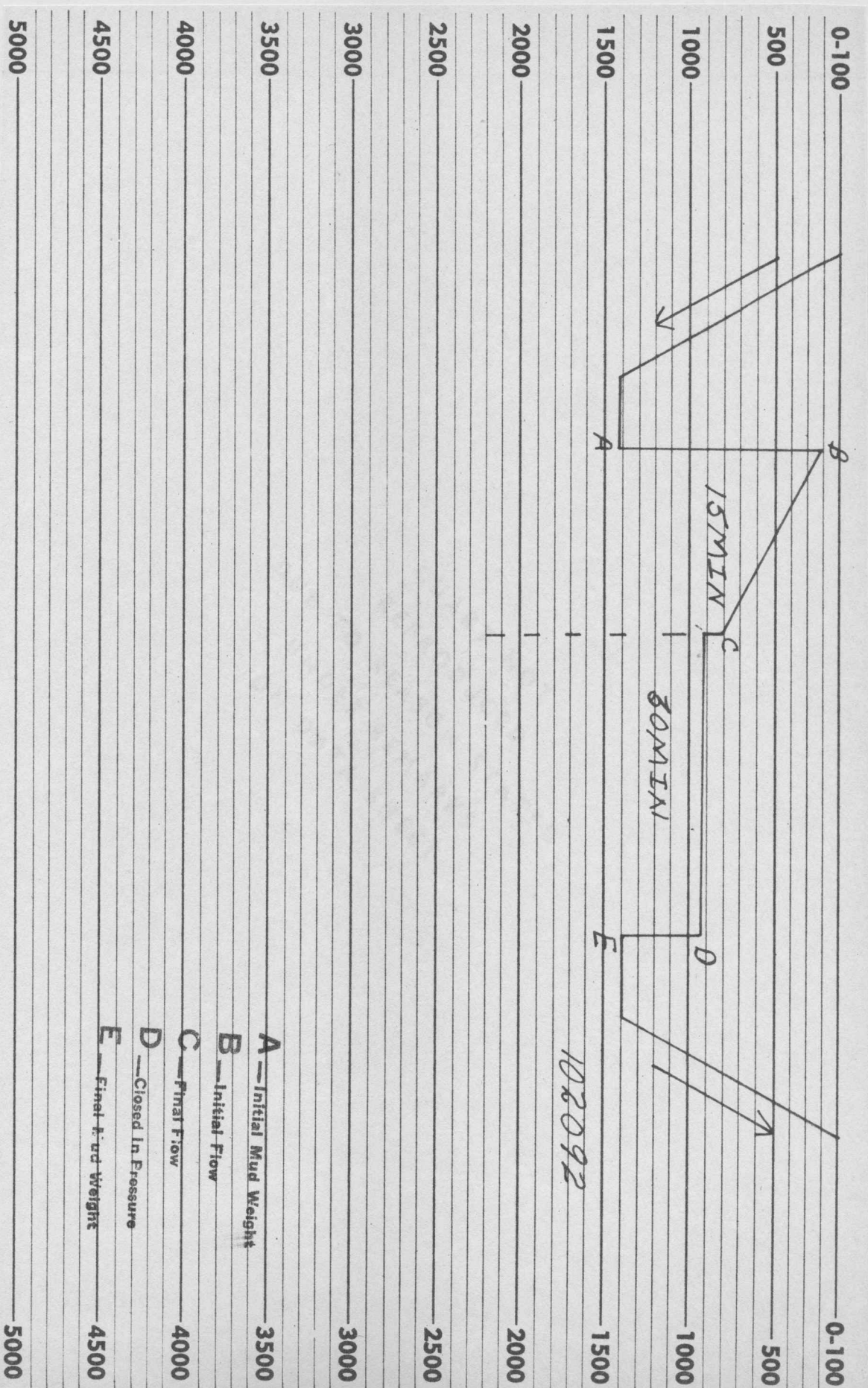
1
TEST NO.

CITIES SERVICE OIL COMPANY
COMPANY

018H101-3E
DISTRICT

Bottom Recorder

TIME



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

LOEWEN
LEASEC-4
WELL NO.2
TEST NO.CITIES SERVICE OIL COMPANY
COMPANYOIL HILL
DISTRICT
18-21-3E

LOCATION 18-21-3

FIELD -

COUNTY Marion

STATE Kansas

CONTRACTOR White & Ellis Drilling

MUD DATA

Kind Chemical

Weight 9.7 lbs.-gal.

Viscosity 37 Sec.

Filter Loss 11 cc. Filter Cake 2/32 in.

Est. Gauge Depth Temp. Calc. 100° F°

Time Tool Opened 1 Hour

Time Closed In. 30 Minutes

Depth 2872'

BT. Gauge

BT. P.R.D. No. 737 Blanked Off No

12 Hr. Clock No. 948

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 1480 1441 p.s.i.

Initial Flow Pres. 0 8 p.s.i.

Final Flow Pres. 0 5 p.s.i.

Closed in Pres. 0 12 p.s.i.

Final Hydro Mud Pressure 1455 1441 p.s.i.



HOLE & TOOL DATA

Total Depth

2888'

Casing Perforations

Top Bottom

Top Packer Depth

2882'

Bottom Packer Depth

Casing or Hole Size

7 7/8"

Liner or Rathole Size

Formation Tested

Viola

Size Drill Pipe

4 1/2" PH.

Size Drill Collars

Size Bottom Choke

5/8"

Size Surface Choke

1 1/4"

Size Hook Wall Packer

Size Rings

No. Rings

Size & Type Wall Packer

6 3/4" ESWP.

No. Packers

1

Size & Length Anchor

4" x 6'

PRD Device No. 1917

Depth

2884'

Blanked Off

Yes

REMARKS:

Set packer, opened tool and received a very weak blow for 10 Minutes. Recovered 21 of mud. No special reading due to lack of formation recovery.

Date 1-1-57

Ticket No. 102093

HOWCO DISTRICT Eldorado

Kind of Job Open Hole

Price \$226.00

Second Packer Assembly

Safety Joint

Extra Folder Charge

Jars

Total \$226.00

Witnessed By Wm. Fleck

Tester J.J. Kuhn

Amount of Cushion

None

All depths measured from

Kelly Bushing

No. Folders Reproduced

5

PRESSURE

Top Recorder

TIME

102093

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

LOEWEN

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C-4
WELL NO.

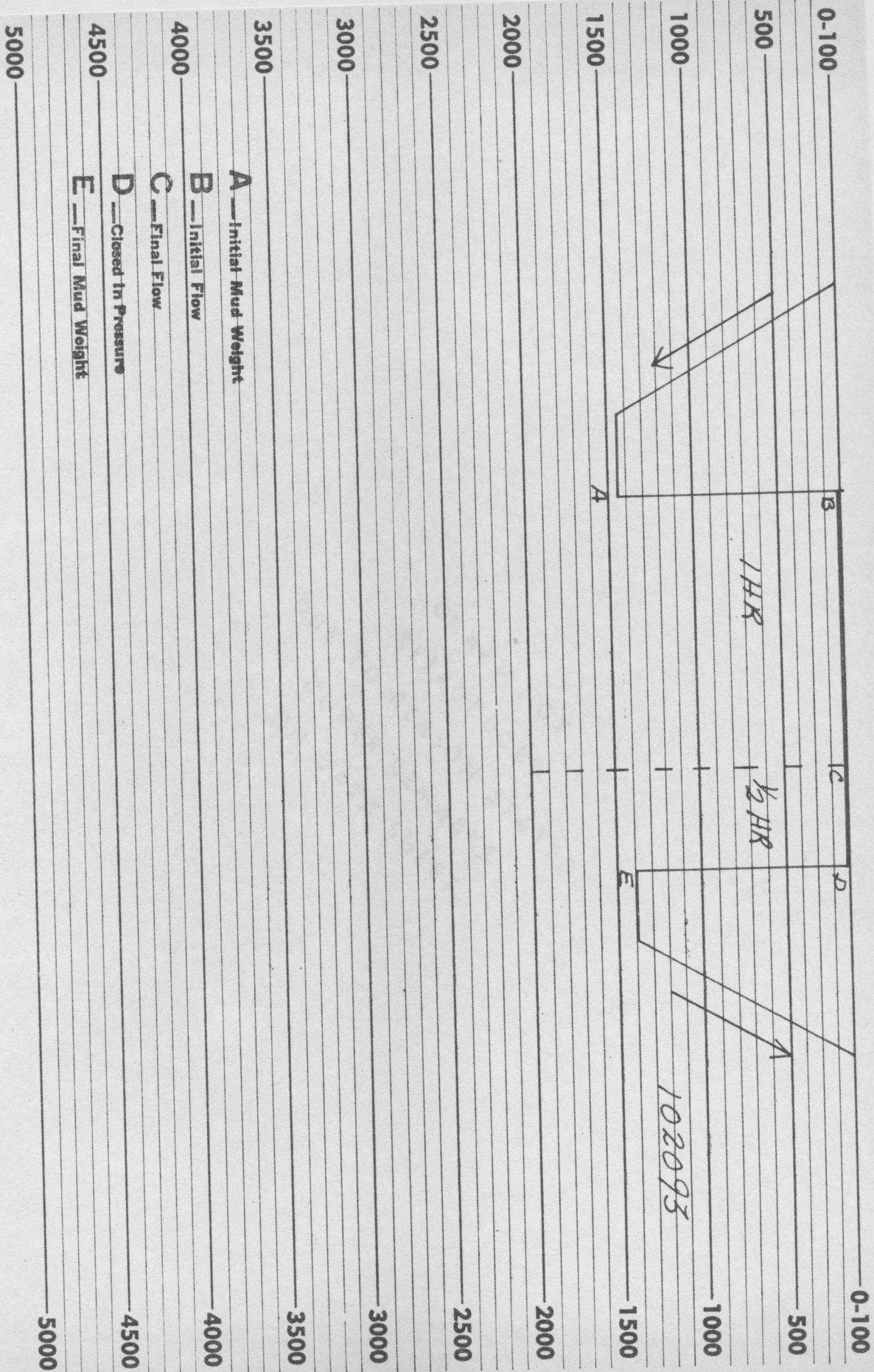
2
TEST NO.

CITIES SERVICE OIL COMPANY
COMPANY

OIL HILL
DISTRICT

Bottom Recorder

TIME



PRESSURE

5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0-100

5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0-100

A — Initial Mud Weight
B — Initial Flow
C — Final Flow
D — Closed In Pressure
E — Final Mud Weight