



JOHNSTON TESTERS, INC.

OFFICES: Houston, Texas - Los Angeles, Calif. Test Ticket No. 7721

RETURN TO
PRODUCTION
DEPARTMENT
FILE ROOM

Date 8-18-54
COMPANY Gulf Oil Company Customer's Order No. G-73331
LEASE AND WELL No. Newkirk #4
FIELD - COUNTY Barber STATE Kansas
Mail Inv. To Box 544 Chase Kansas
Mail Charts To Same

Formation Test No. <u>1</u> OK? ☒ Misrun? ☐	Casing Test No. <u> </u> OK? ☐ Misrun? ☐
Total Depth <u>4455'</u>	Total (or PB) Depth <u> </u>
Interval Tested <u>4420'</u> to <u>4455'</u>	Perforations <u> </u> to <u> </u>
Size: Main Hole <u>7-7/8"</u> Rat Hole <u>-</u>	Size Casing <u> </u> Liner <u> </u>
Packer(s) Set At <u>4420'</u>	Packer(s) Set At <u> </u>
Packer Size <u>6 1/2" B.T.</u> Type <u>Wall</u>	Packer Size <u> </u> Type <u> </u>
Anchor Length <u>35'</u> Size <u>4 1/2"</u> Type <u>D.P.</u>	Anchor Length <u> </u> Size <u> </u>
Tool Size <u>3 1/2" Hyd.</u> Tool Joint, Size <u>4 1/2" F.H.</u>	Tool Size <u> </u> Tool Joint Size <u> </u>

Fluid Cushion none Kind Mud Weight 9.5 Viscosity 43
PRESSURE RECORDERS: Top Make Long Cap 4500 No. 205 Bottom Make Long Cap 3000 No. 440
Below Straddle Top Make Cap No. Bottom Make Cap No.

RESULTS
Set Packer 11:05 M; Tool Open 1 Hrs. Min. Shut-in Hrs. 20 Min. Packer Set 1 Hrs. 20 Min.
Size Choke 1 1/2" Max. Press. psi Time Description (Rate) of Flow

Surface
Information

Blow Good throughout test. Bottom Choke Size 1 1/2"
Max. Surface Press 0 # Did Well Flow? Yes No ☒ ; Fluid Rise: 28'
Oil, Gas, Water, 28' Rotary Mud, Sand

REMARKS

Type Circulating Tool Sleeve Max. Temp. °F
Pump Press. none Hrs. Min.
Bottom Hole Sample Bomb no Jar: Size 3 1/2" Make Bowen No. 313
Extra Equipment none
Was Choke Plugged? no Perf. Plugged? no Other? none Did Mud Fall During Test? no
No. Rubbers Damaged? none Tool Rental Time 12 Operator's Time 16

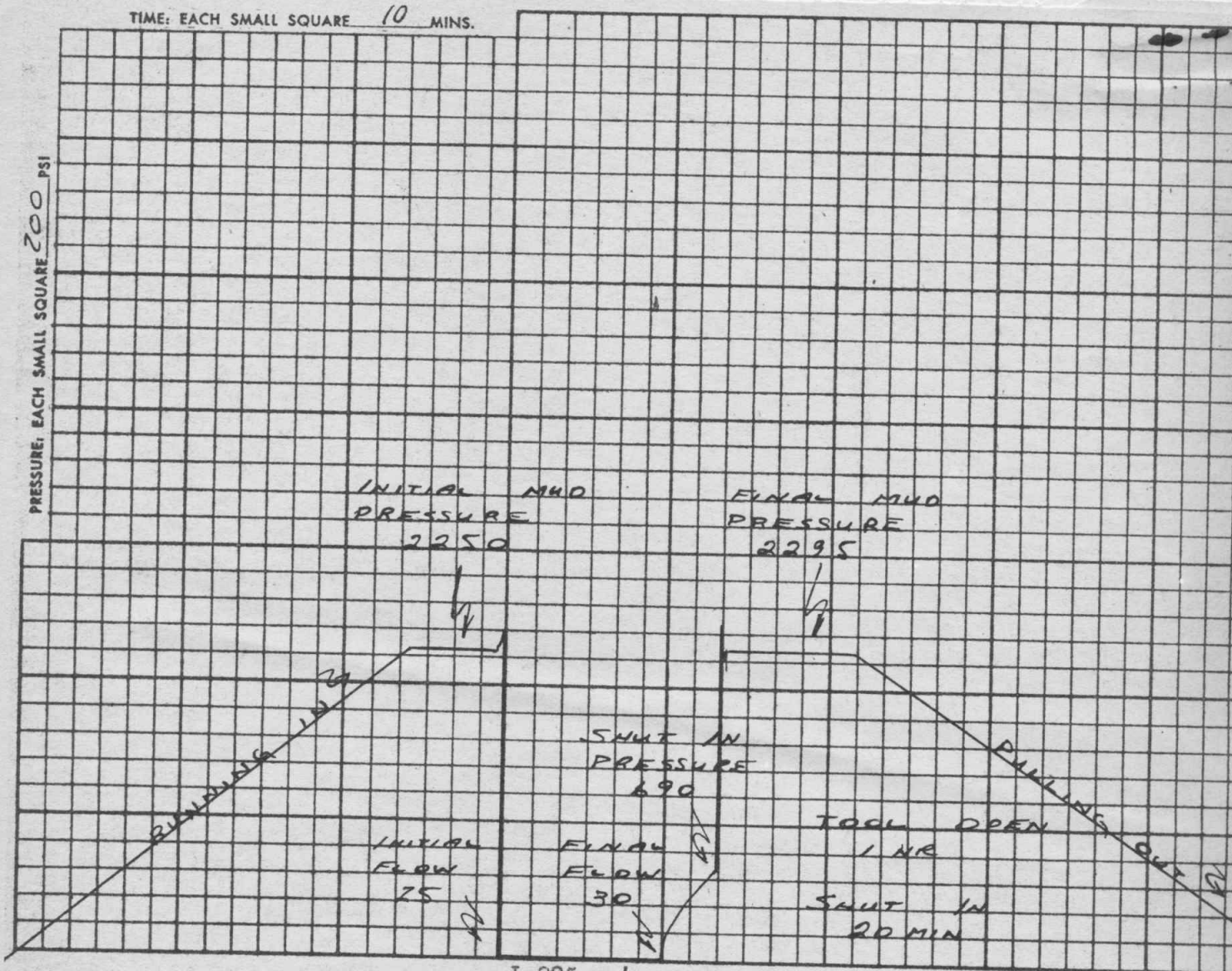
JOHNSTON TESTERS, INC. shall not be liable for damage of any kind to the property or personnel of the party for whom a test is made, or for any loss suffered or sustained directly or indirectly, through or in the course of the use of its equipment, or its statement or opinion concerning the result of any test, all of which loss or damage is assumed by the customer. Tools lost or damaged in the hole shall be paid for at the cost by the party for whom test is made.

OPERATOR: Lee R. Bogart TEST APPROVED BY: Paul Smith

No. of Copies Requested 4

TIME: EACH SMALL SQUARE 10 MINS.

PRESSURE, EACH SMALL SQUARE 200 PSI



CHARGES

L-205

Formation Test at 4455', \$	230.00
Misrun at , \$	
Rental on Tools — 16 Hours at \$2.50	
Safety Joint	
Dual Wall Packers	
Testing Between Two Packers	
Service Charge	
Mileage Charge Mls. at \$	
Bowen Jars	100.00
Operators' Time — 16 Hours at \$2.50	
Reservoir Sampler	
Damaged Rubber Packer X	
	\$330.00*

SUBSURFACE PRESSURE DATA

	Field Reading		Correct Reading
	TOP	BOTTOM	
Recorder No.			L-205
Initial BH Flow			25
Final BH Flow			30
Max. Recorded Shut In			690
Initial Hydrostatic			2250
Final Hydrostatic			2295



JOHNSTON TESTERS, INC.

OFFICES: Houston, Texas - Los Angeles, Calif. Test Ticket No. 7722

Date 8-19-54 Customer's Order No. 73332
COMPANY Gulf Oil Company
LEASE AND WELL No. Newkirk #4
FIELD _____ COUNTY Barber STATE Kansas
Mail Inv. To Box 544 Chase Kansas
Mail Charts To Same

Formation Test No. <u>2</u> OK? ☒ Misrun? _____	Casing Test No. _____ OK? _____ Misrun? _____
Total Depth <u>4481</u>	Total (or PB) Depth _____
Interval Tested <u>4455</u> to <u>4481</u>	Perforations _____ to _____
Size: Main Hole <u>7 7/8</u> Rat Hole _____	Size Casing _____ Liner _____
Packer(s) Set At <u>4455</u>	Packer(s) Set At _____
Packer Size <u>6 1/2</u> B.T. Type Wall _____	Packer Size _____ Type _____
Anchor Length <u>26'</u> Size <u>4 1/2</u> Type <u>DP</u>	Anchor Length _____ Size _____
Tool Size <u>3 1/8</u> Hyd Tool Joint Size <u>4 1/2</u> F.H. _____	Tool Size _____ Tool Joint Size _____

Fluid Cushion no Kind _____ Mud Weight 9.5 Viscosity 43
PRESSURE RECORDERS: Top Make L Cap 4500 No. 205 Bottom Make L Cap 3000 No. 440
Below Straddle Top Make _____ Cap _____ No. _____ Bottom Make _____ Cap _____ No. _____

RESULTS
Set Packed 10:26 A; Tool Open 1 Hrs. _____ Min: Shut-in _____ Hrs. 20 Min. Packer Set 1 Hrs. 20 Min.
Size Choke _____ Max. Press. psi _____ Time _____ Description (Rate) of Flow _____
Surface 1/2 18 Min. Gas to surface

Information _____

Blow Strong throughout test Bottom Choke Size 1/2
Max. Surface Press _____ # Did Well Flow? Yes _____ No _____; Fluid Rise: 85'
Oil, _____ Gas, _____ Water, 85' Gas cut Mud, _____ Sand _____

REMARKS Slightly Oil stain in mud

Max. Temp. °F _____
Type Circulating Tool Sleeve Pump Press. _____ Hrs. 1 Min. _____
Bottom Hole Sample Bomb _____ Jar: Size 3 1/8 Make Bowen No. 313
Extra Equipment None
Was Choke Plugged? No Perf. Plugged? NO Other? None Did Mud Fall During Test? No
No. Rubbers Damaged? No Tool Rental Time 12 Operator's Time 16

JOHNSTON TESTERS, INC. shall not be liable for damage of any kind to the property or personnel of the party for whom a test is made, or for any loss suffered or sustained directly or indirectly, through or in the course of the use of its equipment, or its statement or opinion concerning the result of any test, all of which loss or damage is assumed by the customer. Tools lost or damaged in the hole shall be paid for at the cost by the party for whom test is made.

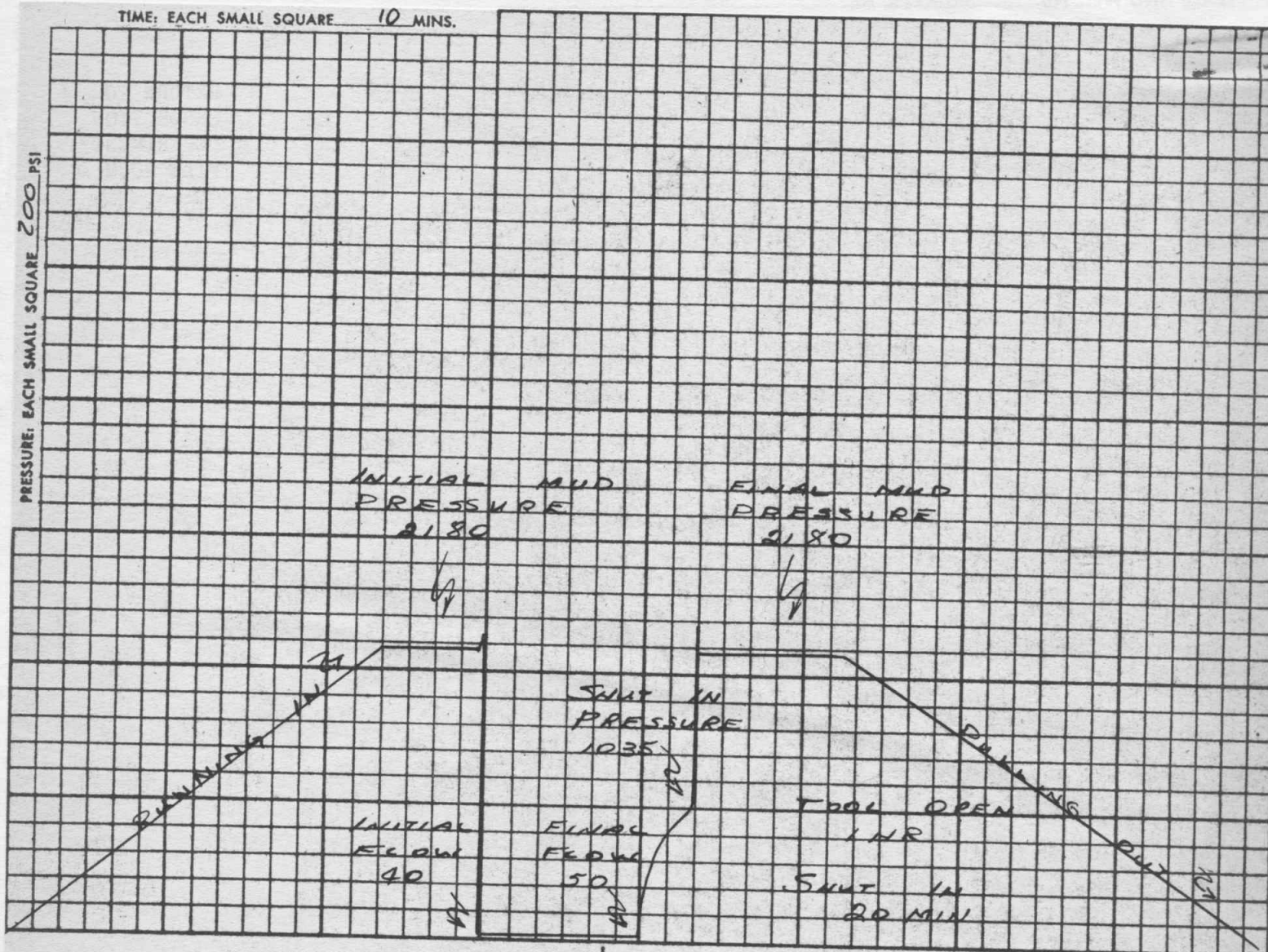
OPERATOR: Lee R. Bogart TEST APPROVED BY: Paul Smith

No. of Copies Requested 4

LEASE AND WELL NO. NEWKIRK #4FORMATION TEST NO. 2

TIME: EACH SMALL SQUARE 10 MINS.

PRESSURE: EACH SMALL SQUARE 200 PSI



CHARGES

Formation	Test at 4481'	\$ 230.00	L-205
	Misrun at	\$	
Rental on Tools	—16 Hours at \$2.50		
	Safety Joint		
Dual Wall Packers			
Testing Between Two Packers			
Service Charge			
Mileage Charge	Mls. at	\$	
Bowen Jars		100.00	
Operators' Time	—16 Hours at \$2.50		
Reservoir Sampler			
Damaged Rubber Packer	X	330.00	

SUBSURFACE PRESSURE DATA

	Field Reading		Corrected Reading	
	TOP	BOTTOM	TOP	BOTTOM
Recorder No.			L-205	
Initial BH Flow			40	
Final BH Flow			50	
Max. Recorded Shut In			1035	
Initial Hydrostatic			2180	
Final Hydrostatic			2180	



JOHNSTON TESTERS, INC.

OFFICES: Houston, Texas - Los Angeles, Calif. Test Ticket No.

7723

Date 8-20-54

Customer's Order No.

73333

COMPANY Gulf Oil CorporationLEASE AND WELL No. Newkirk #4FIELD - COUNTY Barber STATE KansasMail Inv. To Box 544 Chase KansasMail Charts To SameFormation Test No. 3 OK? ☒ Misrun? ☐Total Depth 4517'Interval Tested 4481' to 4517'Size: Main Hole 7-7/8" Rat Hole -Packer(s) Set At 4481'Packer Size 6 1/2" B.T. Type WallAnchor Length 36' Size 4 1/2" Type D.P.Tool Size 3 1/2" Hyd. Tool Joint Size 4 1/2" F.H.Casing Test No. - OK? ☐ Misrun? ☐Total (or PB) Depth -Perforations - to -Size Casing - Liner -Packer(s) Set At -Packer Size - Type -Anchor Length - Size -Tool Size - Tool Joint Size -Fluid Cushion none Kind - Mud Weight 9.5 Viscosity 46PRESSURE RECORDERS: Top Make Long Cap 4500 No; 205 Bottom Make Long Cap 3000 No. 440Below Straddle Top Make - Cap - No; - Bottom Make - Cap - No. -

RESULTS

Set Packer 12:34M; Tool Open 1 Hrs. - Min: Shut-in - Hrs. 20 Min. Packer Set 1 Hrs. 20 Min.Size Choke - Max. Press. psi - Time - Description (Rate) of Flow -Surface - 29 mins. Gas to surfaceInformation -Blow Strong throughout test Bottom Choke Size 1/2"Max. Surface Press. 0 # Did Well Flow? Yes - No ☒; Fluid Rise: 240'90' frothy 120' free Oil, - Gas, - Water, - Mud, - SandREMARKS -Max. Temp. °F -Type Circulating Tool Sleeve Pump Press. - Hrs. - Min. -Bottom Hole Sample Bomb no Jar: Size 3 1/2" Make Bowen No. 313Extra Equipment noneWas Choke Plugged? no Perf. Plugged? no Other? none Did Mud Fall During Test? noNo. Rubbers Damaged? none Tool Rental Time 12 Operator's Time 16

JOHNSTON TESTERS, INC. shall not be liable for damage of any kind to the property or personnel of the party for whom a test is made, or for any loss suffered or sustained directly or indirectly, through or in the course of the use of its equipment, or its statement or opinion concerning the result of any test, all of which loss or damage is assumed by the customer. Tools lost or damaged in the hole shall be paid for at the cost by the party for whom test is made.

OPERATOR:

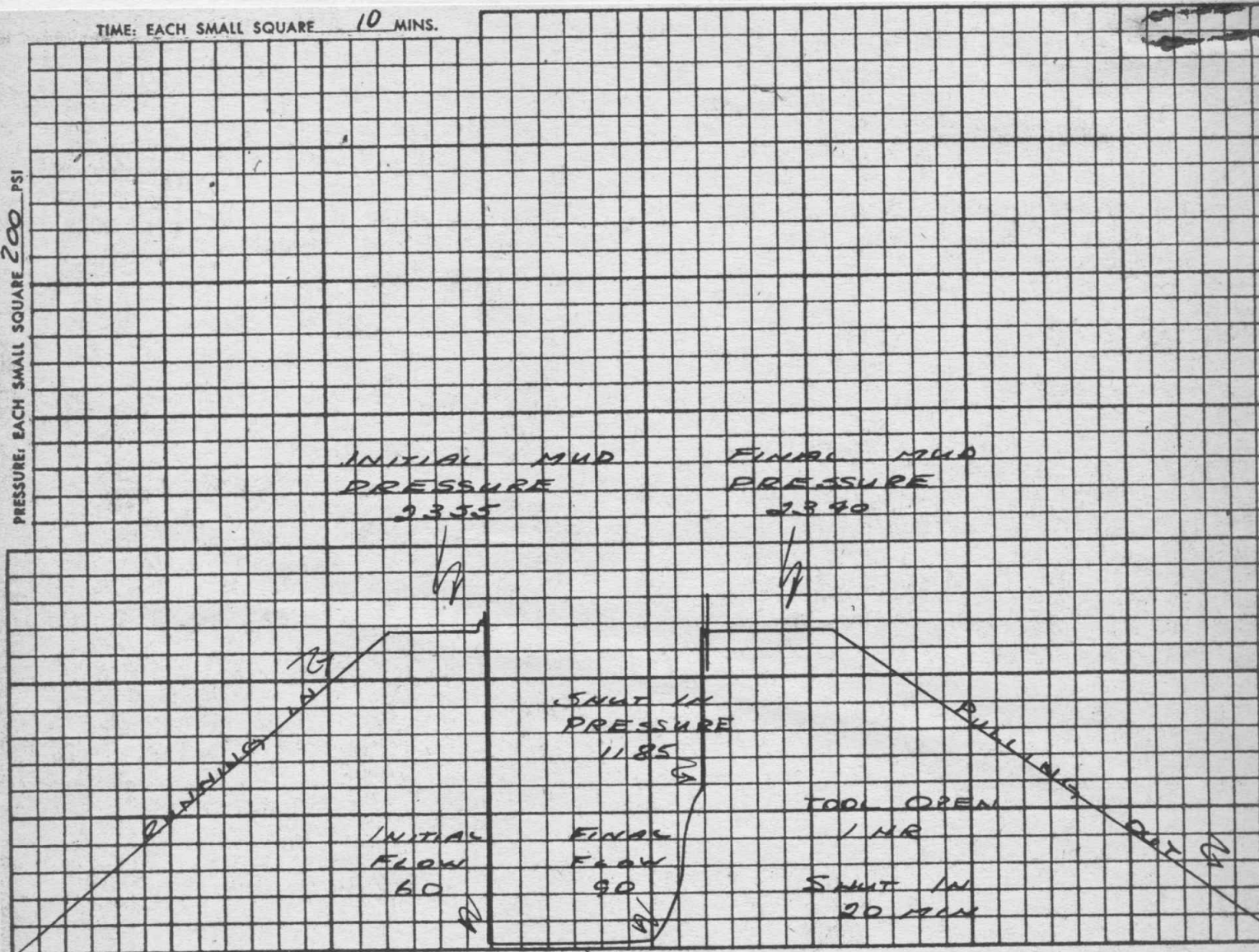
Lee R. Bogart

TEST APPROVED BY:

Paul SmithNo. of Copies Requested 4LEASE AND WELL NO. Newkirk #4FORMATION TEST NO. 3

TIME: EACH SMALL SQUARE 10 MINS.

PRESSURE, EACH SMALL SQUARE 200 PSI



CHARGES

L-205

Formation	Test at 4517	' , \$	230.00
	Misrun at	' , \$	
Rental on Tools	—16 Hours at \$2.50		
	Safety Joint		
Dual Wall Packers			
Testing Between Two Packers			
Service Charge			
Mileage Charge	Mls. at	\$	100.00
	Bowen Jars		
Operators' Time	—16 Hours at \$2.50		
Reservoir Sampler			
	Damaged Rubber Packer	X	
			\$330.00

SUBSURFACE PRESSURE DATA

	Field Reading		Corrected Reading	
	TOP	BOTTOM	TOP	BOTTOM
Recorder No.			L-205	
Initial BH Flow			60	
Final BH Flow			90	
Max. Recorded Shut In			1185	
Initial Hydrostatic			2355	
Final Hydrostatic			2340	