

LOCATION	SEC. -		 OIL WELL CEMENTING CO.				Date	5-9-56
FIELD	Wildcat						Ticket No.	77747
COUNTY	Decatur						HOWCO DISTRICT	Hill City
STATE	Kansas						Kind of Job	Open Hole Test
CONTRACTOR	Lohmann & Johnson		HOLE AND TOOL DATA Total Depth 3295' Casing Perforations Top - Bottom -				Price	\$215.00
MUD DATA			Top Packer Depth	3281'	Bottom Packer Depth	-	Second Packer Assembly	-
Kind	Chemical		Casing or Hole Size	7 7/8"	Liner or Rathole Size	-	Safety Joint	-
Weight	10.4	lbs.-gal.	Formation Tested	Kansas City			Extra Folder Charge	-
Viscosity	43	Sec.	Size Drill Pipe	4 1/2" API FH	Size Drill Collars	1	Jars	-
Filter Loss	8	c. c. Filter Cake 2/32 in.	Size Bottom Choke	5/8"	Size Surface Choke	1/4"		
Est. Gauge Depth Temp.	Calc. 100	F°	Size Hook Wall Packer	-	Size Rings	-	No. Rings	-
Time Tool Open	30 minutes		Size & Type Wall Packer	6 3/4" ESA	No. Packers	1	Total	\$215.00
Time Closed In.	30 minutes		Size & Length Anchor	5" x 14'			Witnessed By	Mr. Dick Dalson
Depth BT. Gauge	3287'		PRD Device No.	1959	Depth	3291'	Blanked Off	Yes
BT. P. R. D. No.	206	Blanked Off No	REMARKS: Formation tested from 3281' 3295' in the Kansas City.					
12	Hr. Clock No. 2239		Tool opened @ 3:18 with a weak blow and died in 3 minutes, closed in					
Pressure Readings	Field	Office Corrected	pressure taken @ 3:48, and started off bottom @ 4:18. Recovered 1'					
Initial Hydro Mud Pressure		1824 p.s.i.	of rotary mud.					
Initial Flow Pres.		23 p.s.i.	Estimated elevation 2559' Derrick Floor.					
Final Flow Pres.		23 p.s.i.						
Closed in Pres.		23 p.s.i.						
Final Hydro Mud Pressure		1723 p.s.i.	Amount of Cushion None All depths measured from Derrick Floor					
			No. Folders Reproduced 5					

TIME

PRESSURE



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

LEASE

WELL NO.

TEST NO.

COMPANY

DISTRICT

LOCATION	SEC. 9-1-27		 OIL WELL CEMENTING CO.				Date	5-10-56
FIELD	Wildcat						Ticket No.	77748
COUNTY	Decatur						HOWCO DISTRICT	Hill City
STATE	Kansas						Kind of Job	Open Hole Test
CONTRACTOR	Lohmann & Johnson		HOLE AND TOOL DATA				Price	\$215.00
MUD DATA			Total Depth	3339'	Casing Perforations	Top -- Bottom --	Second Packer Assembly	
Kind	Chemical		Top Packer Depth	3323'	Bottom Packer Depth	--	Safety Joint	--
Weight	10.4	lbs.-gal.	Casing or Hole Size	7 7/8"	Liner or Rathole Size	--	Extra Folder Charge	--
Viscosity	43	Sec.	Formation Tested	Kansas City			Jars	--
Filter Loss	8	c. c. Filter Cake	Size Drill Pipe	4 1/2" API FH	Size Drill Collars	--		
Est. Gauge Depth Temp.	Calc. 100	F°	Size Bottom Choke	5/8"	Size Surface Choke	1/4"		
Time Tool Open	30 minutes		Size Hook Wall Packer	--	Size Rings	--	No. Rings	--
Time Closed In.	30 minutes		Size & Type Wall Packer	6 3/4" ESA	No. Packers	1	Total	\$215.00
Depth BT. Gauge	3326'		Size & Length Anchor	5" x 16'			Witnessed By	Mr. Dick Dalson
BT. P. R. D. No.	206	Blanked Off No	PRD Device No.	1959	Depth	3335'	Blanked Off	Yes
12 Hr. Clock No. 2239			REMARKS: Formation tested from 3323' to 3339' in the Kansas City.					
Pressure Readings			Tool opened @ 3:16 with a weak blow and died in 2 minutes, flushed					
Initial Hydro Mud Pressure			perforations, reopened tool with a weak blow for 4 minutes and died,					
Initial Flow Pres.			closed in pressure taken @ 3:46, and started off bottom. Recovered 25'					
Final Flow Pres.			of rotary mud.					
Closed in Pres.			Estimated elevation 2559' Derrick Floor.					
Final Hydro Mud Pressure			Amount of Cushion None					
			All depths measured from Derrick Floor				No. Folders Reproduced	5

TIME

PRESSURE



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

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CITIES SERVICE OIL COMPANY

9-1-27W

RUSSELL

LEASE

WELL NO.

TEST NO.

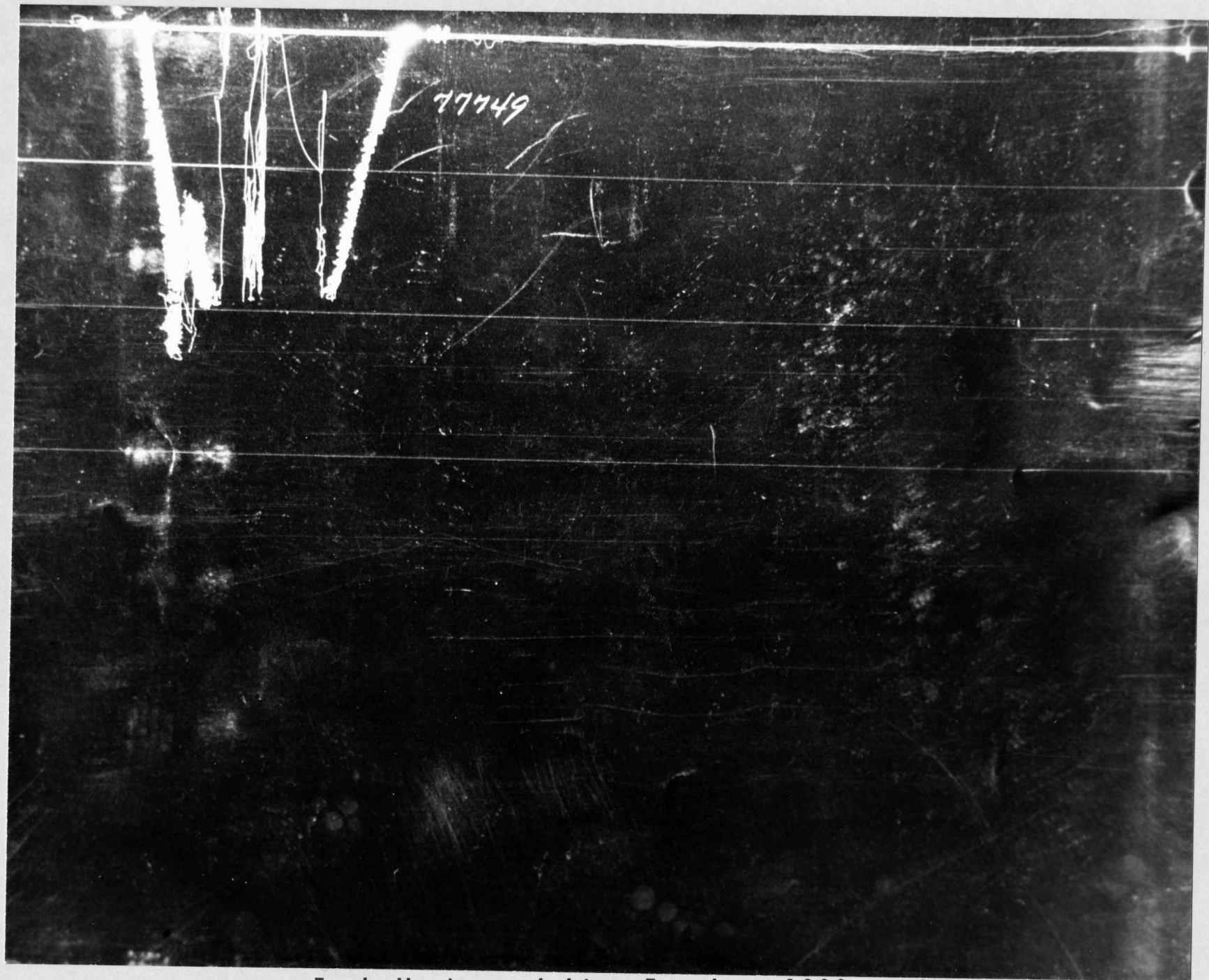
COMPANY

DISTRICT

LOCATION	SEC. 9-1-27		 OIL WELL CEMENTING CO.				Date	5-10-56	
FIELD	Wildcat						Ticket No.	77749	
COUNTY	Decatur						HOWCO DISTRICT	Hill City	
STATE	Kansas		HOLE AND TOOL DATA				Kind of Job	Open Hole Test	
CONTRACTOR	Lohmann & Johnson						Price	\$215.00	
MUD DATA			Total Depth	3435'	Casing Perforations	Top	-	Second Packer Assembly	-
Kind	Chemical		Top Packer Depth	3428'	Bottom Packer Depth	-		Safety Joint	-
Weight	10.3	lbs.-gal.	Casing or Hole Size	7 7/8"	Liner or Rathole Size	-		Extra Folder Charge	-
Viscosity	43	Sec.	Formation Tested	Kansas City		-		Jars	-
Filter Loss	8.2	c. c. Filter Cake	Size Drill Pipe	4 1/2" API FH	Size Drill Collars	-			
Est. Gauge Depth Temp.	Calc. 100	F°	Size Bottom Choke	5/8"	Size Surface Choke	1 1/4"			
Time Tool Open	30 minutes		Size Hook Wall Packer	-	Size Rings	-		Total	\$215.00
Time Closed In.	30 minutes		Size & Type Wall Packer	6 3/4" ESA	No. Packers	1		Witnessed By	Mr. Dick Dalson
Depth BT. Gauge	3420'		Size & Length Anchor	5" x 7'				Tester	E. B. Cullum
BT. P. R. D. No.	206	Blanked Off	PRD Device No.	-	Depth	-			
REMARKS:			Formation tested from 3428' to 3435' in the Kansas City.						
12 Hr. Clock No.			2239		Tool opened @ 9:23 P. M. with no blow, flushed perforations @ 9:37 P. M.				
Pressure Readings	Field	Office Corrected	reopened tool with no blow, closed in pressure taken @ 9:53 P. M., and						
Initial Hydro Mud Pressure		1885 p.s.i.	started off bottom @ 10:23 P. M. Recovered 30' of rotary mud.						
Initial Flow Pres.		21 p.s.i.	Estimated elevation 2559' Derrick Floor.						
Final Flow Pres.		40 p.s.i.							
Closed in Pres.		1009 p.s.i.							
Final Hydro Mud Pressure		1830 p.s.i.	Amount of Cushion none All depths measured from Derrick Floor No. Folders Reproduced 5						

TIME

PRESSURE



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

LEASE

WELL NO.

TEST NO.

COMPANY

DISTRICT

LOCATION	SEC. 9-1-27		 OIL WELL CEMENTING CO.				Date	5-11-56
FIELD	Wildcat						Ticket No.	77750
COUNTY	Decatur						HOWCO DISTRICT	Hill City
STATE	Kansas		HOLE AND TOOL DATA				Kind of Job	Open Hole Test
CONTRACTOR	Lohmann & Johnson						Price	\$215.00
MUD DATA			Total Depth	3574'	Casing Perforations	Top	-	
			Top Packer Depth	3555'	Bottom Packer Depth	Bottom	-	
Kind	Chemical		Casing or Hole Size	7 7/8"	Liner or Rathole Size		-	
Weight	10.4	lbs.-gal.	Formation Tested	Reagan		Safety Joint	-	
Viscosity	48	Sec.	Size Drill Pipe	4 1/2" API FH	Size Drill Collars	Extra Folder Charge	-	
Filter Loss	8	c. c. Filter Cake	Size Bottom Choke	5/8"	Size Surface Choke	Jars	-	
Est. Gauge Depth Temp.	Calc. 100	F°	Size Hook Wall Packer	-	Size Rings	-	-	
Time Tool Open	60 minutes		Size & Type Wall Packer	6 3/4" ESA	No. Packers	1	Total	
Time Closed In.	30 minutes		Size & Length Anchor	5" x 19'			Witnessed By	
Depth BT. Gauge	3563'		PRD Device No.	1959	Depth	3570'	Blanked Off	
BT. P. R. D. No.	206	Blanked Off	REMARKS:		Formation tested from 3555' to 3574' in the Reagan.			
12	Hr. Clock No.	2239	Tool opened @ 8:11 P. M. with a strong blow and decreasing slightly					
Pressure Readings	Field	Office Corrected	and died in 50 minutes, closed in pressure taken @ 9:11 P. M., and					
Initial Hydro Mud Pressure		1929 p.s.i.	started off bottom @ 9:41 P. M. Recovered 2030' of salt water.					
Initial Flow Pres.		315 p.s.i.	Estimated elevation 2559' Derrick Floor.					
Final Flow Pres.		958 p.s.i.						
Closed in Pres.		965 p.s.i.						
Final Hydro Mud Pressure		1925 p.s.i.	Amount of Cushion	None	All depths measured from	Derrick Floor	No. Folders Reproduced	
							5	

TIME

PRESSURE



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