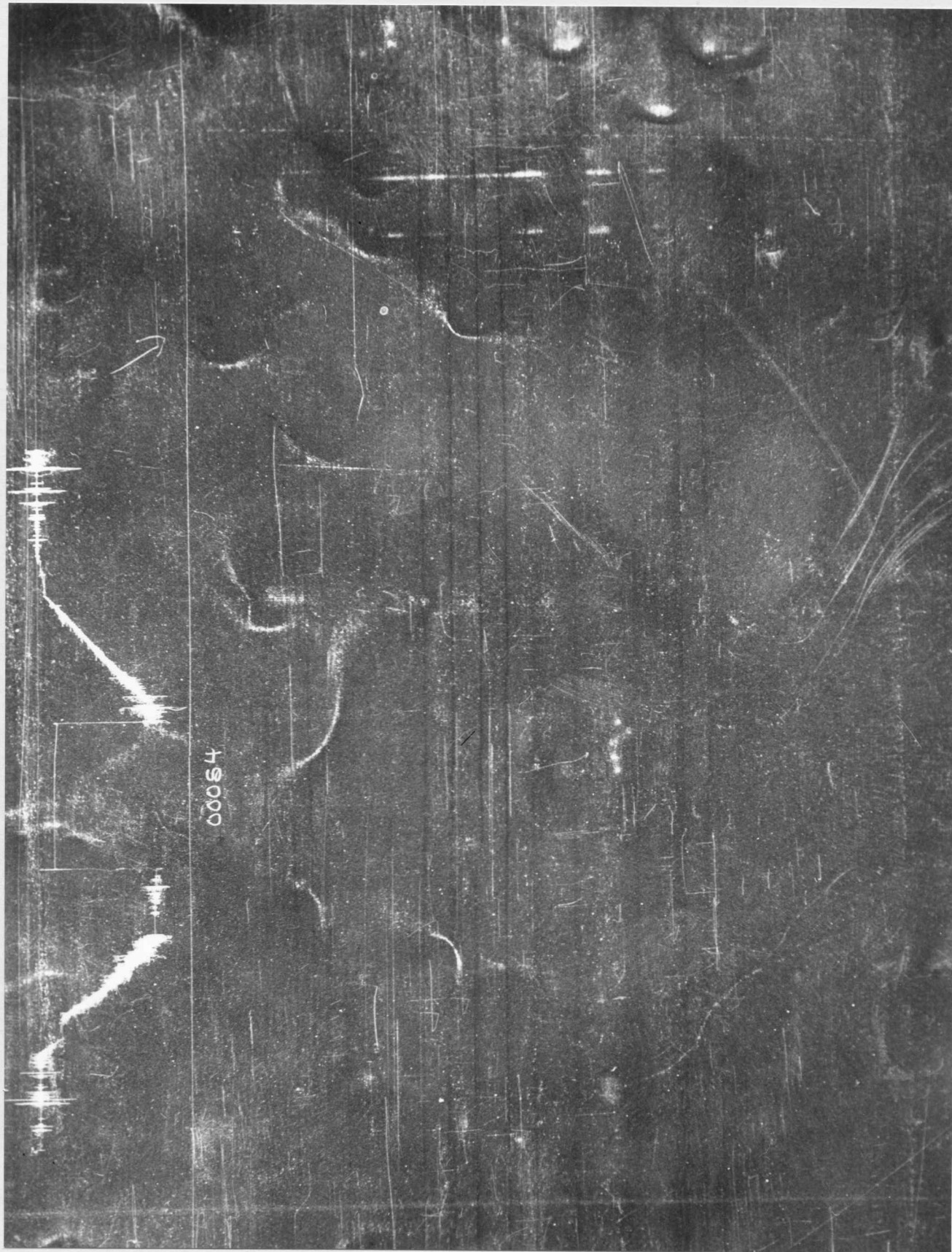


LOCATION	6-31S-13E		 OIL WELL CEMENTING CO.		Date	4-28-54																										
FIELD	Wildcat				Ticket No.	00054																										
COUNTY	Elk				HOWCO DISTRICT	Winfield																										
STATE	Kansas				Kind of Job	Open Hole																										
CONTRACTOR Musgrove Petroleum Corporation MUD DATA			HOLE AND TOOL DATA																													
Kind	Aqualgel	Weight 9.4	Viscosity 32	Filter Loss 29 c. c. Filter Cake 3/32 in.	Est. Gauge Depth Temp. 100 F°	Time Tool Open 1 Hour	Time Closed In. 20 Minutes	Depth BT. Gauge 1543	BT. P.R.D. No. 297	Blanked Off	No	12	Hr. Clock No. 1552	Pressure Readings	Field	Office Corrected	Initial Hydro Mud Pressure	780 psi.	Initial Flow Pres.	111 psi.	Final Flow Pres.	111 psi.	Closed in Pres.	129 psi.	Final Hydro Mud Pressure	771 psi.	Amount of Cushion	None	All depths measured from	Kelly Bushing	No. Folders Reproduced	5
Total Depth			1585'	Casing Perforations	Top -	Bottom -																										
Top Packer Depth			1542	Bottom Packer Depth																												
Casing or Hole Size			7"	Liner or Rathole Size	6 1/4"																											
Formation Tested			Mississippi																													
Size Drill Pipe			2 7/8" & 3 1/2"	Size Drill Collars	5 3/4"																											
Size Bottom Choke			5/8"	Size Surface Choke	4"																											
Size Hook Wall Packer			-	Size Rings	-																											
Size D. E. Wall Packer			5 1/2"	No. Packers	1																											
Size & Length Anchor			3 1/2" F.J. x 43'	Blanked Off																												
PRD Device No.			1860	Depth	1585'																											
REMARKS:			Tool opened with a weak blow that died in 7 minutes.																													
RECOVERED:			Recovered 330' of drilling mud, water thin in the last stand(22'). Hole in drill pipe.																													

TIME



PRESSURE

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

LOCATION 6-31S-13E				Date 5-3-54	
FIELD Wildcat				Ticket No. 00055	
COUNTY Elk				HOWCO DISTRICT Winfield	
STATE Kansas				Kind of Job Open Hole	
CONTRACTOR Musgrove Petroleum Corporation				Price \$215.00	
MUD DATA					
Kind Magcogel					
Weight 9.9	lbs.-gal.				
Viscosity 42	Sec.				
Filter Loss -	c. c. Filter Cake -				
Est. Gauge Depth Temp. 100	F°				
Time Tool Open 30 Minutes					
Time Closed In. 15 Minutes					
Depth BT. Gauge 1835'	Blanked Off No				
BT. P.R.D. No. 297					
12 Hr. Clock No. 1552					
Pressure Readings	Field	Office Corrected			
Initial Hydro Mud Pressure		1005 p.s.i.			
Initial Flow Pres.		15 p.s.i.			
Final Flow Pres.		15 p.s.i.			
Closed in Pres.		315 p.s.i.			
Final Hydro Mud Pressure		998 p.s.i.			
Amount of Cushion None		All depths measured from Kelly Bushing		No. Folders Reproduced 5	

TIME

PRESSURE

00055

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

Number Charts

00055
RECORDING PRESSURE GAUGE CHART

Ticket No. 00055-B Date 5-3-54

Company N+E Drilling

Lease Nelson Well No. 1

Mail Charts To: 1006 Central Bldg

Wichita, Kan

FIELD CALCULATION

Device No. 297	12 Hr. Clock No. 1552	
Estimated Gauge Depth Temperature 100 °F		
	Thousands of Inch	Pressure P. S. I.
Initial Hydro. Mud Pressure		
Initial Flow Pressure	5	8
Final Flow Pressure	5	8
Closed In Pressure	140	322
Final Hydro. Mud Pressure		

HOWCO 892—Southwestern 10M 12-53

Tester JOE M. Oliver



OIL WELL CEMENTING COMPANY