



LOCATION SEC. 29-30-9  
 FIELD Zenda  
 COUNTY Kingman  
 STATE Kansas  
 CONTRACTOR Barbour Drilling Co.  
 MUD DATA

WELL NO. 4  
 TEST NO. 4  
 COMPANY CITIZENS SERVICE OIL COMPANY  
 DISTRICT 29-30-9

Date 3-24-56  
 Ticker No. 31379  
 HOWCO DISTRICT Pratt  
 Kind of Job Open Hole Test  
 Price \$215.00  
 Second Packer Assembly  
 Safety Joint  
 Extra Folder Charge  
 Jars  
 Total \$215.00  
 Witnessed By Mr. D. Dawson  
 Tester W. L. Kester

HOLE AND TOOL DATA

Total Depth	4522'	Casing Perforations	Top - Bottom -
Top Packer Depth	4517'	Bottom Packer Depth	-
Casing or Hole Size	7 7/8"	Liner or Rathole Size	-
Formation Tested	VIOLA		
Size Drill Pipe	4 1/2" API FH	Size Drill Collars	-
Size Bottom Choke	3/4"	Size Surface Choke	1"
Size Hook Wall Packer	-	Size Rings	No. -
Size & Type Wall Packer	6 3/4" ESWP	No. Packers	1
Size & Length Anchor	4 1/2" x 5'		
PRD Device No.	-	Depth	-
		Blanked Off	-

Filter Loss 4 c. c. Filter Cake 2/32 in.  
 Est. Gauge Depth Temp. 62.10. 110 F°  
 Time Tool Open 30 minutes  
 Time Closed In 30 minutes  
 Depth BT. Gauge 4506'  
 P.R. D. No. 536 Blanked Off NO

REMARKS:  
 Formation tested from 4517' to 4522' in the Viola.  
 Tool opened @ 5:55 P. M. with a fair blow and diminishing throughout the test, closed in pressure taken @ 6:56 P. M., and started off bottom @ 7:26 P. M. Recovered 346' of gas, and 2814' of salt water.

No. Folders Reproduced 5  
 Kelly Bushing

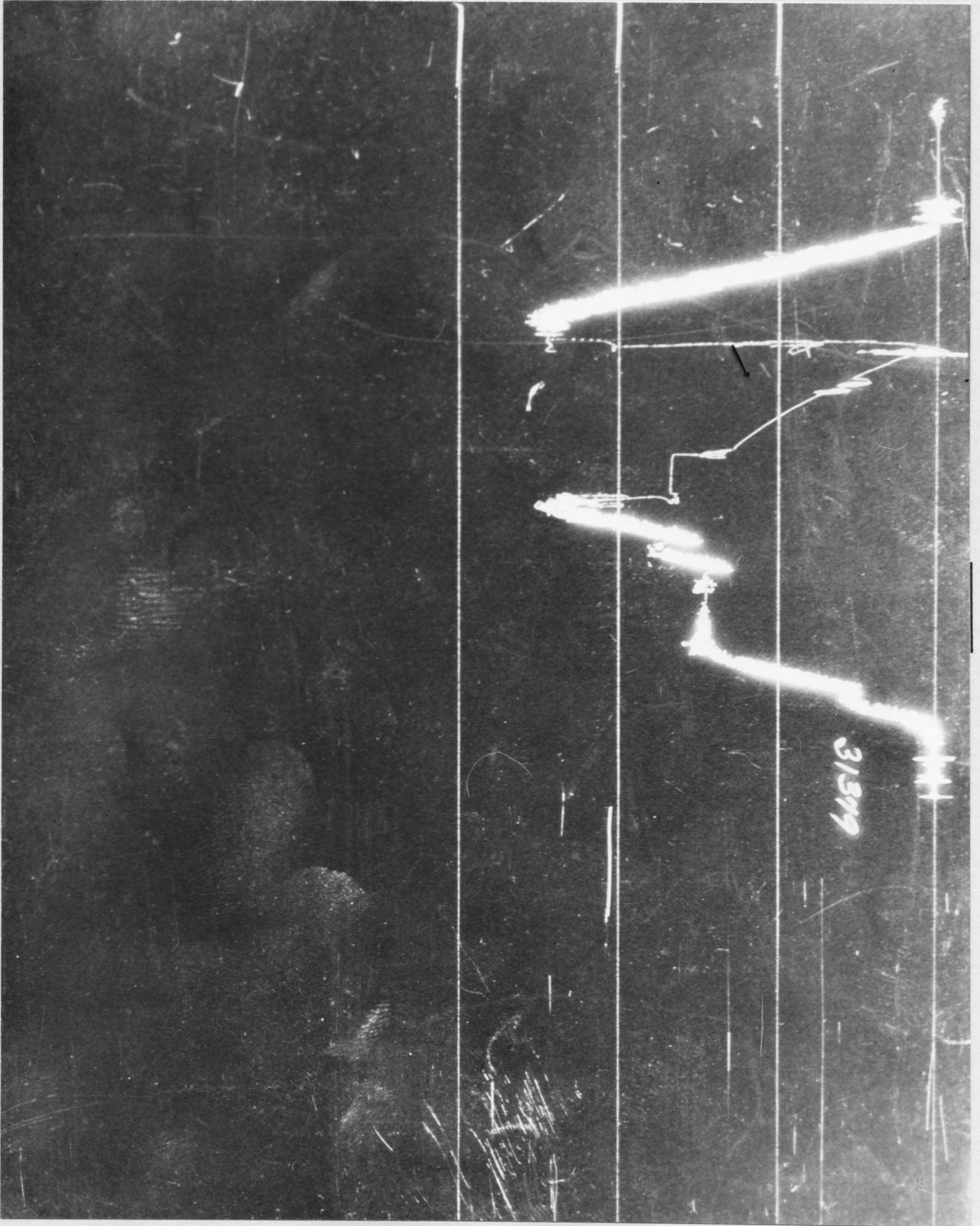
12 Hr. Clock No. 2798  
 Pressure Readings Field Office Corrected  
 Initial Hy. Mud Press. 2438 p.s.i.  
 Initial Flow . . . 160 p.s.i.  
 Final Flow Pres. 1282 p.s.i.  
 Closed in Pres. 1678 p.s.i.  
 Final Hydro Mud Pressure 2420 p.s.i.

Amount of Cushion None  
 All depths measured from

No. Folders Reproduced 5  
 Kelly Bushing

PRESSURE

TIME



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