

SCHULTZ

LEASE

WELL NO.

TEST NO.

MALLARD DRILLING COMPANY

COMPANY

KANSAS

DISTRICT

LOCATION 16-15-3

FIELD Wildcat

COUNTY Salina

STATE Kansas

CONTRACTOR Mallard Drigs. Co.

MUD DATA

Kind Starch

Weight 9.8 lbs.-gal.

Viscosity 36 Sec.

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

Est. Gauge Depth Temp. 100 F°

Time Tool Open 1 Hour

Time Closed In. 20 Min. - Initial

Depth 3372'

BT. Gauge 3372' Blanked Off Yes

P.R.D. No. 374

12 Hr. Clock No. 1794

Pressure Readings Field Office Corrected

Initial Hydro Mud Pressure 1724 p.s.i.

Initial Flow Pres. 36 p.s.i.

Final Flow Pres. 53 p.s.i.

Closed in Pres. 1130

Final Hydro Mud Pressure 1800 p.s.i.



OIL WELL CEMENTING CO.

HOLE & TOOL DATA

Total Depth 3382'

Top Packer Depth 3362'

Casing or Hole Size 7 7/8"

Formation Tested -

Size Drill Pipe 4 1/2" API F.H.

Size Bottom Choke 5/8"

Size Hook Wall Packer -

Size & Type Wall Packer 6 3/4" S.E.W.P.

Size & Length Anchor 5" x 20'

PRD Device No. 1510 Depth 3377'

REMARKS: Set packer, opened tool and took a 20 minute initial closed

in pressure. Dropped bar end broke disc and received a weak blow.

Recovered 3' of free oil and 60' of water cut mud, slightly oil cut.

Date 9-3-56

Ticket No. 45048

HOWCO DISTRICT Mc Pherson

Kind of Job Open Hole

Price \$215.00

Second Packer Assembly

Safety Joint

Extra Folder Charge

Jars

Total \$215.00

Witnessed By Mr. Plouffe

Tester W.D. Hart

Amount of Cushion None All depths measured from 1273' Derrick Floor

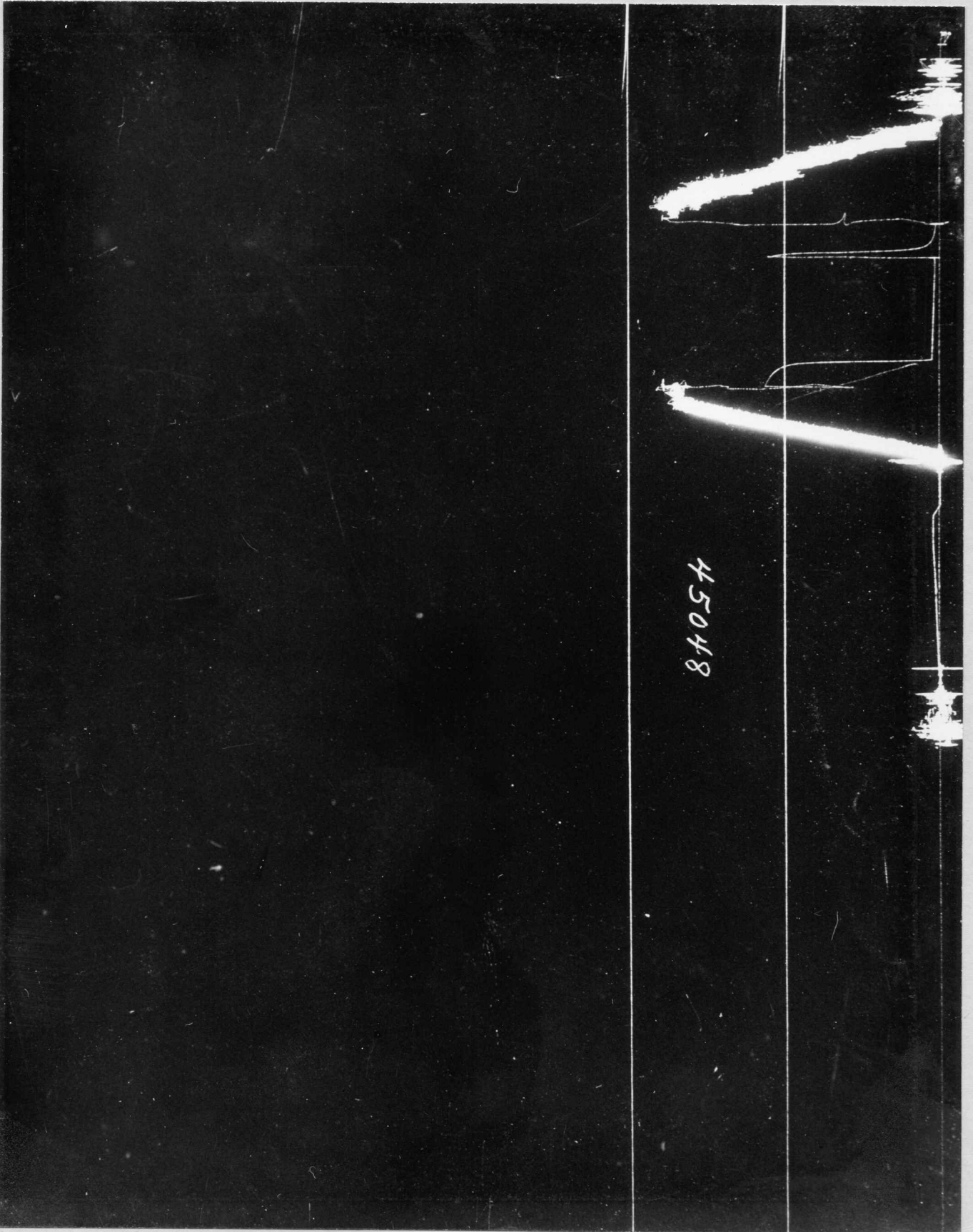
No. Folders Reproduced 5

PRESSURE

TIME

45048

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



Company MALLARD DRILLING COMPANYDate 9-3-56Lease SCHULTZ Well No. 1Ticket No. 45048Test No. 1

	Time	PSI
Initial Hydro Mud Pressure		1724
Initial Closed In Pressure	20 Min.	1086
Initial Flow		32
Final Flow	1 Hour	48
Final Closed In Pressure	20 Min.	1129
Final Hydro Mud Pressure		1708

Total Depth 3382'Packer Depth 3362'BT No. 374 Depth 3372'12 Hr. Clock No. 1794Temperature Corrected to Calc. 100 ° 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	.019	32	.000	.029	48
P1				.102	.020	33	.0105	.399	563
P2				.204	.023	38	.021	.581	965
P3				.306	.026	43	.0315	.612	1016
P4				.408	.029	48	.042	.632	1050
P5							.0525	.645	1071
P6							.063	.655	1088
P7							.0735	.662	1099
P8							.084	.669	1111
P9							.0945	.674	1119
P10							.105	.680	1129
	Minute Intervals			15 Minute Intervals			2 Minute Intervals		

Remarks: Initial closed in pressure is questionable due to reverse type

buildup curve and for that reason has not been cut into time intervals

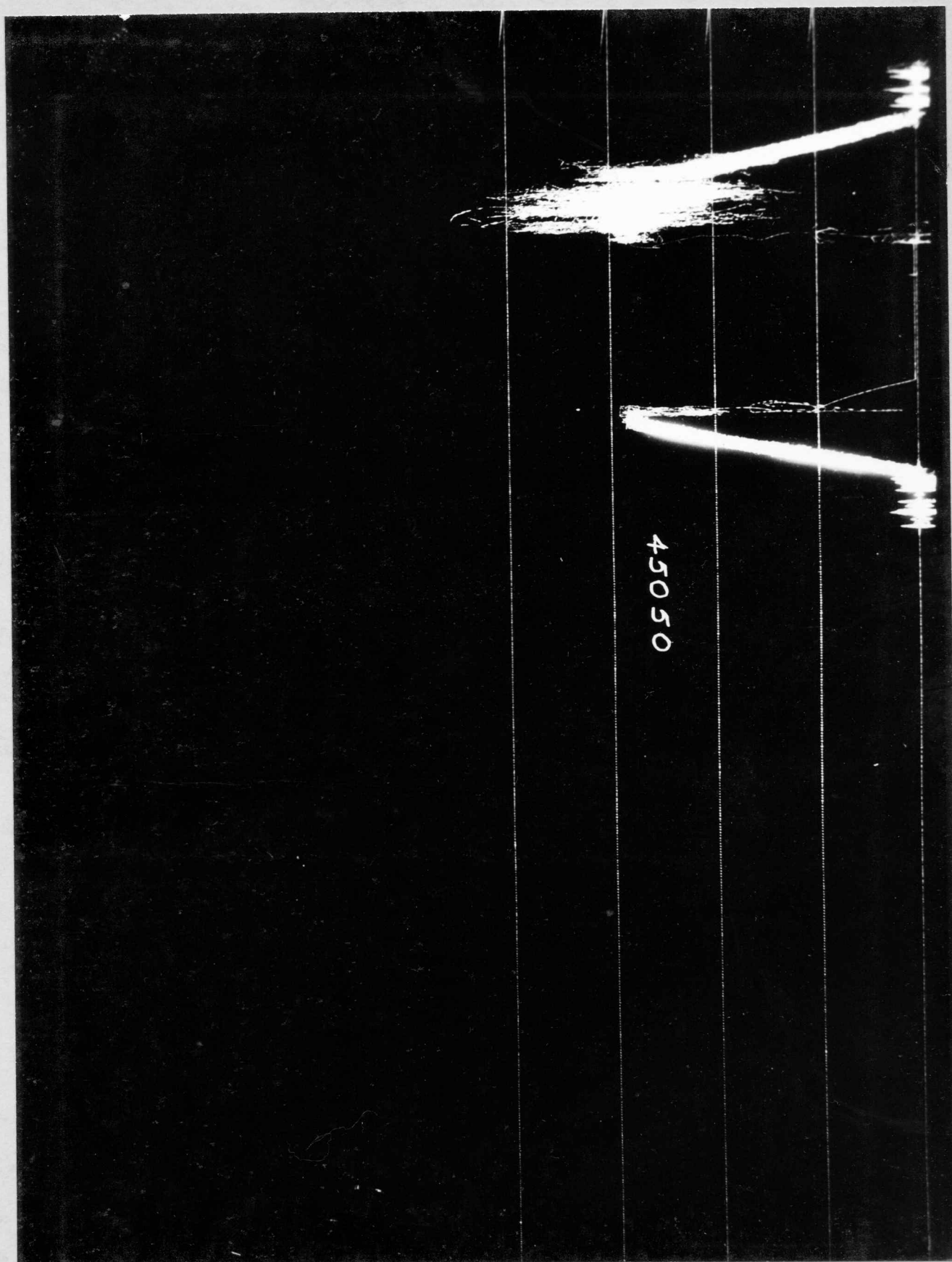
vs pressure.

SCHULTZ
LEASE1
WELL NO.2
TEST NO.MALLARD DRILLING COMPANY
COMPANYKANSAS
DISTRICT

OIL WELL CEMENTING CO.

LOCATION	16-15-3					Date	9-4-56
FIELD	Wildcat					Ticket No.	45050
COUNTY	Saline					HOWCO DISTRICT	McPherson
STATE	Kansas					Kind of Job	Open Hole Test
CONTRACTOR	Company Tools					Price	\$215.00
MUD DATA		HOLE AND TOOL DATA				Second Packer Assembly	
Kind	Starch	Total Depth	3494'	Casing Perforations	Top Bottom	-	
Weight	9.9 lbs.-gal.	Top Packer Depth	3484'	Bottom Packer Depth	-		
Viscosity	37 Sec.	Casing or Hole Size	7-7/8"	Liner or Rat-hole Size	7-7/8"		
Filter Loss	18.4 c.c. Filter Cake 2/32 in.	Formation Tested	Viola			Safety Joint	
Est. Gauge Depth Temp.	Calc. 100 F°	Size Drill Pipe	4-1/2" API	Size Drill Collars	6"	Extra Folder Charge	
Time Tool Open	1 Hour	Size Bottom Choke	5/8"	Size Surface Choke	1	Jars	
Time Closed In	Initial - 20 Minutes Final - 20 Minutes	Size Hook Wall Packer	-	Size Rings	-	No. Rings	-
Depth RT. Gauge	3469'	Size & Type Wall Packer	6-3/4" SEMP	No. Packers	1	Total	\$215.00
BT. P.R.D. No.	374	Size & Length Anchor	5" X 10'	Blanked Off	Yes	Witnessed By	Plouffe
12 Hr. Clock No.	1794	PRD Device No.	1510	Depth	3489'	Tester	W. D. Hart
Pressure Readings	Field	Office Corrected	REMARKS:				
Initial Hydro Mud Pressure	-	2800 p.s.i.	Set packer, opened tool and took a 20 minute initial closed in pressure. Dropped bar and broke disc.				
Initial Flow Pres.	15	24 p.s.i.	Received a light bubble for a few minutes. Recovered 22' of drilling mud, slightly water cut.				
Final Flow Pres.	15	24 p.s.i.	No special reading due to lack of formation recovery.				
Closed in Pres.	670 Initial Final 1051 p.s.i.		Closed In Pressure questionable.				
Final Hydro Mud Pressure	-	2800 p.s.i.	Amount of Cushion	None	All depths measured from	1273' Derrick Floor	No. Folders Reproduced 5

PRESSURE



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