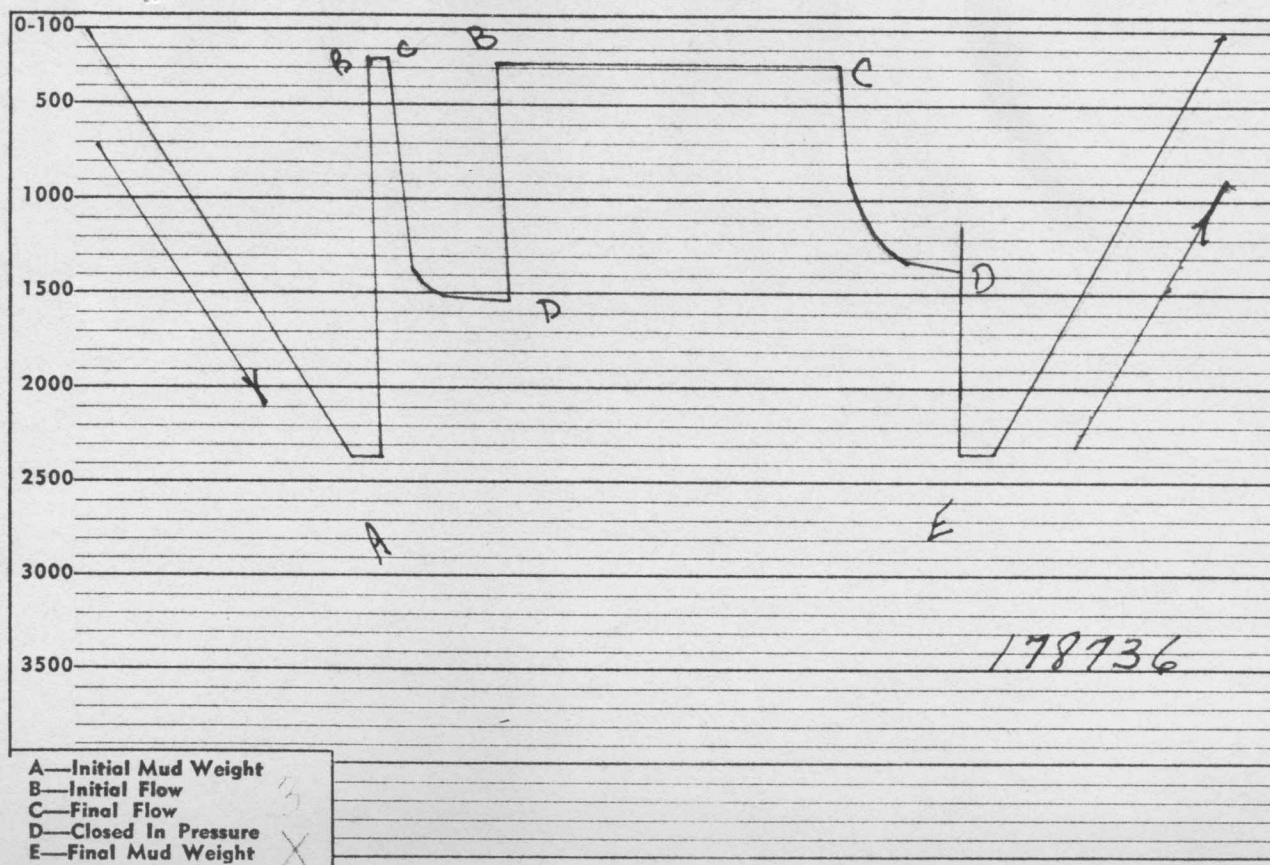
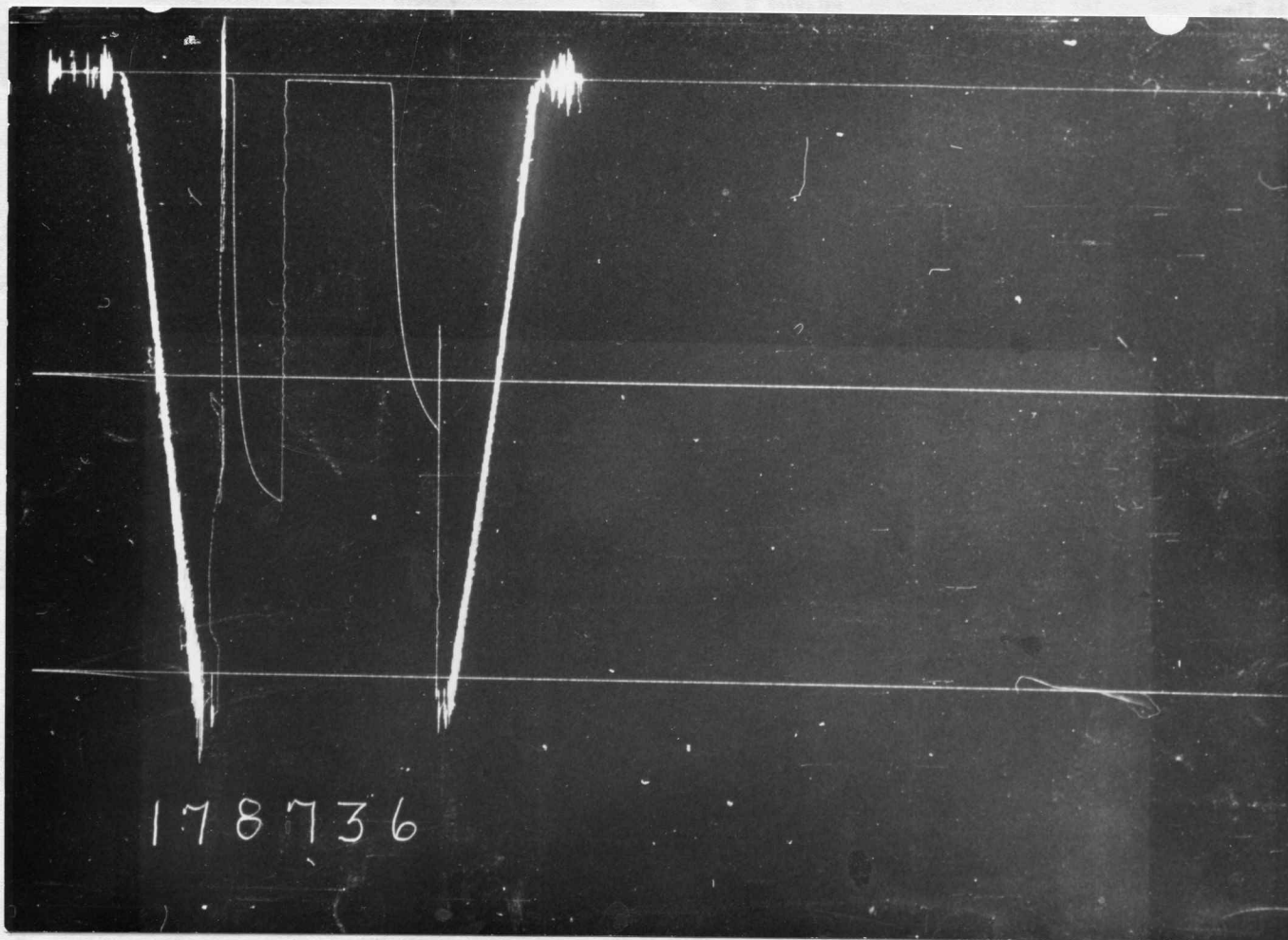


Initial Closed In Time 30 Minutes			Date 11-26-60		LOCATION 16-22-562 FIELD WILDCAT COUNTY RENO STATE KANSAS
Tool Open 1st 5 / 2nd 60 Minutes			Ticket No. 278871		
Final Closed In Time 30 Minutes			Halliburton District El Dorado, Kansas		
Depth Top Gauge 3834 Ft. Blanked Off no			Kind of Job Open Hole		
BT. P.R.D. No 537 12 Hr. Clock		CONTRACTOR PRIME DRILLING COMPANY			
Pressure Readings Field Office Corrected		HOLE & TOOL DATA			
Initial Hydro Mud Pressure 2048 2039		Elevation 1582		Top Packer Depth 3845'	
Initial Closed in Pres. 1375 1389		Total Depth 3852'		Bottom Packer Depth -	
Initial Flow Pres. - 14-15		Casing or Hole Size 7 7/8"		Size & Type Wall Packer 6 3/4" ESWP	
Final Flow Pres. - 10-18		Liner or Rathole Size 7 7/8"		Size Bottom Choke 1"	
Final Closed in Pres. 1312 1306		Casing Perforations Top Bottom		Size Surface Choke 3/4"	
Final Hydro Mud Pressure 1960 1961		Interval Tested 3845-3852'		ID & Length Air Chamber -	
Depth Center Gauge Ft. Blanked Off		Formation Tested Hunton		ID & Length Drill Collars -	
BT. P.R.D. No Hr. Clock		Est. Gauge Depth Temp. Calc. 110 F°		Size Drill Pipe 4 1/2" API FH	
Pressure Readings Field Office Corrected		MUD DATA Weight 9.9		Viscosity 46	
Initial Hydro Mud Pressure		All depths measured from Kelly Bushing		No. Folders Reproduced 5	
Initial Closed in Pres.		REMARKS: Tool opened for 5 minutes first flow.			
Initial Flow Pres.		Rotated tool for 30 minutes Initial closed in			
Final Flow Pres.		pressure. Tool opened with a weak blow to			
Final Closed in Pres.		no blow. Unable to scribe 3000# line on B.T.			
Final Hydro Mud Pressure		chart.			
Depth Bottom Gauge Ft. Blanked Off		NO P.R.D. WAS RUN.			
BT. P.R.D. No Hr. Clock					
Pressure Readings Field Office Corrected					
Initial Hydro Mud Pressure					
Initial Closed in Pres.		Recovered 20		Feet of salty mud	
Initial Flow Pres.		Recovered		Feet of	
Final Flow Pres.		Recovered		Feet of	
Final Closed in Pres.		Recovered		Feet of	
Final Hydro Mud Pressure		J. R. Hutchinson			
Amount-Type of Cushion -		Witnessed By C.L. Nutting			
		Tester			

		Time	PSI		
Initial Hydro Mud Pressure			2087	DATE 11-26-60	
1st	Initial Flow		17	TICKET NO. 178736	
	Final Flow	5 minute	17	LEASE EKHOLM	
Initial Closed In Pressure		30 minute	1421		
2nd	Initial Flow		25	Well No. 1 Test No. 2	
	Final Flow	60 minute	25	BT No. 374 Depth 3994	
Final Closed In Pressure		30 minute	1174	12 Hr. Clock	
Final Hydro Mud Pressure			2072	Temp. Corr. Act. 98 ° F	

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time	PSI	Time	PSI	Time	PSI	Time	PSI
PO	.000	17	.000	17	.000	25	.000	25
P1	.0064	17	.021	772	.1023	20	.0206	482
P2	.0128	17	.042	1087	.2046	22	.0412	734
P3	.0192	17	.063	1221	.3069	24	.0618	867
P4	.0256	17	.084	1286	.4092	25	.0824	954
P5	.0320	17	.105	1336	.		.1030	1017
P6	.		.126	1363	.		.1236	1062
P7	.		.147	1384	.		.1442	1099
P8	.		.168	1399	.		.1648	1129
P9	.		.189	1412	.		.1854	1154
P10	.		.210	1421	.		.2060	1174
	1	Minute Intervals	3	Minute Intervals	15	Minute Intervals	3	Minute Intervals

Remarks:



Oil Well Geological

Initial Closed In Time 30 Minutes						Date 11-26-60		
Tool Open 1st 5 / 2nd 60 Minutes						Ticket No. 178736		
Final Closed In Time 30 Minutes						HOWCO DISTRICT MCPHERSON		
Depth Top Gauge 3994 Ft.						Kind of Job Open Hole		
BT. P.R.D. No 374			12 Hr. Clock			CONTRACTOR PRIME DRILLING COMPANY		
Pressure Readings Field			Office Corrected			HOLE & TOOL DATA		
Initial Hydro Mud Pressure 2134			2087			Elevation 1579' DF Top Packer Depth		
Initial Closed in Pres. 1427			1421			Total Depth 4020' Bottom Packer Depth 3998'		
Initial Flow Pres. 12			17-25			Casing or Hole Size 7 7/8" Size & Type Wall Packer 6 3/4" ESA		
Final Flow Pres. 25			17-25			Liner or Rathole Size 7 7/8" Size Bottom Choke 5/8"		
Final Closed in Pres. 1180			1174			Casing Perforations Top Bottom Size Surface Choke 5/8"		
Final Hydro Mud Pressure 2118			2072			Interval Tested 3998-4020 ID & Length Air Chamber		
Depth Center Gauge Ft.			Blanked Off			Formation Tested Simpson ID & Length Drill Collars		
BT. P.R.D. No			Hr. Clock			Est. Gauge Act. 98 F° Size Drill Pipe 4 1/2" FH		
Pressure Readings Field			Office Corrected			MUD DATA 10.1 Viscosity 42		
Initial Hydro Mud Pressure						All depths measured from Kelly Bushing No...Folders Reproduced 3		
Initial Closed in Pres.						REMARKS: Tool opened with a weak blow for a 5 minute first flow. Rotated tool for a 30 minute initial closed in pressure. Tool re-opened with very weak blow for 1 hour. Took a 30 minute final closed in pressure.		
Initial Flow Pres.								
Final Flow Pres.								
Final Closed in Pres.								
Final Hydro Mud Pressure								
Depth Bottom Gauge 4016 Ft.			Blanked Off yes					
BT. P.R.D. No 2050			12 Hr. Clock					
Pressure Readings Field			Office Corrected					
Initial Hydro Mud Pressure								
Initial Closed in Pres.						Recovered 25 Feet of Very slight salt water cut mud.		
Initial Flow Pres.						Recovered Feet of		
Final Flow Pres.						Recovered Feet of		
Final Closed in Pres.						Recovered Feet of		
Final Hydro Mud Pressure						Witnessed By James R. Hutchinson		
Amount-Type of Cushion none						Tester M. W. Breck		

ERHOLM
LEASE NAME
SW-SE-NW
14-22S-5W
WELL NO. 1
TEST NO. 2
CITIES SERVICE OIL COMPANY
LEASE OWNER
AUGUSTA
OWNERS DISTRICT

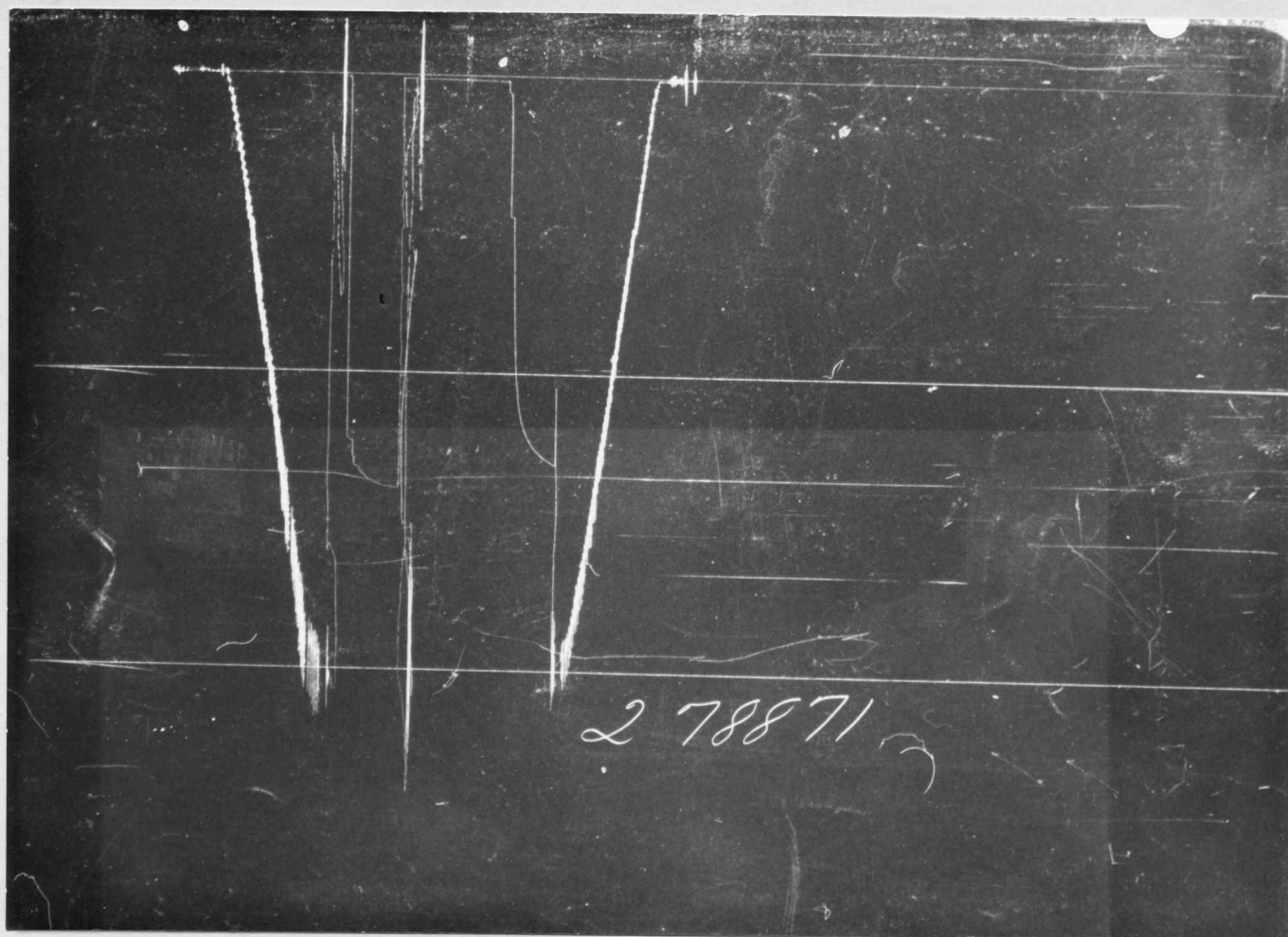
LOCATION
FIELD
WILDCAT
COUNTY
RENO
STATE
KANSAS

		Time	PSI				
Initial Hydro Mud Pressure			2039	DATE 11-26-60			
1st	Initial Flow		14	TICKET NO. 278871			
	Final Flow	5 minutes	10	LEASE EKHOEM			
Initial Closed In Pressure		30 minutes	1389	Well No. 1 Test No. 1			
2nd	Initial Flow		15	BT No. 537 Depth 3834'			
	Final Flow	60 minutes	18	12 Hr. Clock -			
Final Closed In Pressure		30 minutes	1306	Temp. Corr. C 110 ° F			
Final Hydro Mud Pressure			1961				

	1st Flow Pressure		Initial CIP		2nd Flow Pressure		Final CIP	
	Time	PSI	Time	PSI	Time	PSI	Time	PSI
P0	.000	14	.000	10	.000	15	.000	18
P1	.024	10	.0211	1229	.418	18	.0205	476
P2	.		.0422	1317	.		.041	934
P3	.		.0633	1335	.		.0615	1128
P4	.		.0844	1356	.		.082	1194
P5	.		.1055	1367	.		.1025	1228
P6	.		.1266	1374	.		.123	1254
P7	.		.1477	1380	.		.1435	1272
P8	.		.1688	1384	.		.164	1286
P9	.		.1899	1386	.		.1845	1295
P10	.		.211	1389	.		.205	1306
	Minute Intervals		3	Minute Intervals	Minute Intervals		3	Minute Intervals

Remarks:

PRESSURE



2 788 71

TIME

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