

SUPERIOR TESTERS, INC.

814 Central Bldg., Wichita, Kansas

Date 5/17/63 Ticket No. 410 Elevation 2117 DF
Total Depth 4247 Tested From 4193 To 4247 Formation Tested Mississippi
Blow Very strong blow through out test
Mud Wt. 10.2 Viscosity 44 Bottom Hole Temp -
Size Bottom Choke 1/2" Size Top Choke 1/2"
Size Drill Pipe 4 1/2" FH Size Hole 7 7/8" Length Air Chamber - Ft.
Initial Shut in Time 30 Min Tool Open 1 Hr 15 Min Final Shut in Time 45 Min

Recovery 240' of very gassy mud

Office Corrected Pressure Reading

Initial Shut in Pressure 1343 Lbs
Initial Flow Pressure 203 Lbs
Final Flow Pressure 203 Lbs
Final Shut in Pressure 1336 Lbs
Initial Hydrostatic Pressure 2335 Lbs
Final Hydrostatic Pressure 2321 Lbs

Remarks Gas to surface in 4 minutes. 584,000 Cubic feet in 5 minutes,
648,000 in 10 minutes, 802,000 in 15 minutes, remained at 802,000
through out test.
Extra Equipment - Jars & Safety Joint

Witnessed By Jerry Zorger

Tool Operator R. L. Budig

Location C, SE, SW 8-21S-20W

County Pawnee

State Kansas

Steffen

Name of Lease

1

Well No.

1

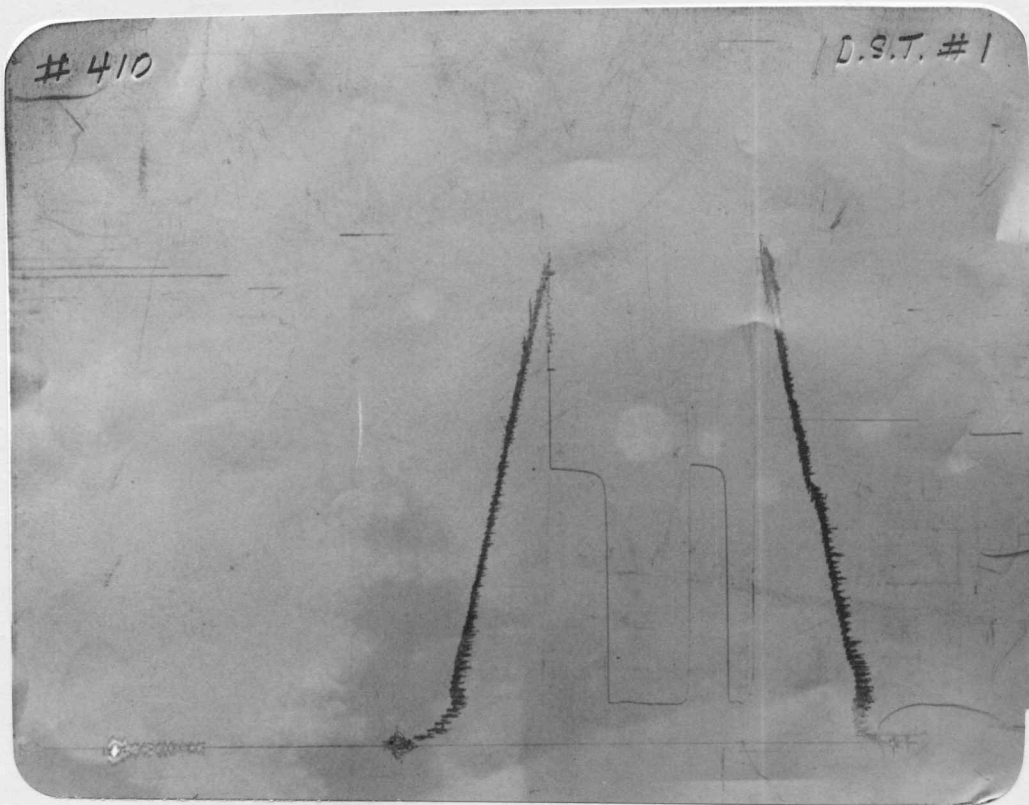
Test No.

Jones-Gebert Oil Company

Company

410

D.S.T. #1



SUPERIOR TESTERS, INC.

814 Central Bldg., Wichita, Kansas

Date 5/18/63 Ticket No. 411 Elevation 2117 DF

Total Depth 4260 Tested From 4247 To 4260 Formation Tested Mississippi

Blow Good strong blow through out test

Mud Wt. 10.2 Viscosity 44 Bottom Hole Temp -

Size Bottom Choke 1/2" Size Top Choke 1/2"

Size Drill Pipe 4 1/2" FH Size Hole 7 7/8" Length Air Chamber - Ft.

Initial Shut in Time 30 Min Tool Open 1 Hr 15 Min Final Shut in Time 45 Min

Recovery 60' of clean gassy oil, 485'

of gassy muddy watery oil, 680'

of salt water.

Office Corrected Pressure Reading

Initial Shut in Pressure 1343 Lbs

Initial Flow Pressure 125 Lbs

Final Flow Pressure 547 Lbs

Final Shut in Pressure 1336 Lbs

Initial Hydrostatic Pressure 2362 Lbs

Final Hydrostatic Pressure 2345 Lbs

Remarks Gas to surface in 7 minutes. 62,000 cubic feet in 5 minutes,

88,000 in 10 minutes, 98,000 in 15 minutes

Extra Equipment - Jars & Safety Joint

Witnessed By Jerry Zorger

Tool Operator R. L. Budig

Location C, SE, SW 8-21S-20W

Name of Lease

Well No. 1

Test No. 2

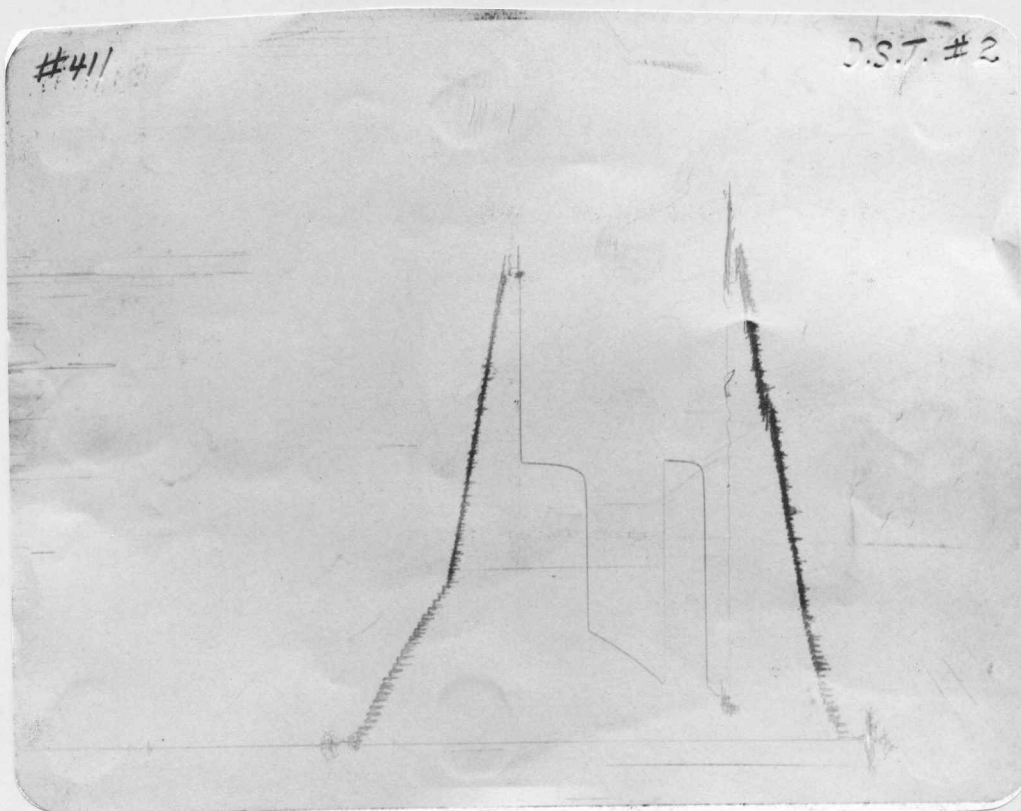
County Pawnee

State Kansas

Company Jones-Geibert Oil Company

#411

D.S.T. #2



Flow Time	1st Min. 15	2nd Min. 107	Date	5-19-63	Ticket Number	370524 S
Closed In Press. Time	1st Min. 30	2nd Min. 31	Kind of Job	Open Hole	Halliburton District	Great Bend, Kansas
Pressure Readings	Field	Office Corrected	Tester	C. L. Nutting	Witness	-
Depth Top Gauge	4235 Ft.	No Blanked Off	Drilling Contractor	JONES GEBERT DRILLING COMPANY		
BT. P.R.D. No.	1462	12 Hour Clock	Elevation	2117 D.F.	Top Packer	4243'
Initial Hydro Mud Pressure	2290	2304	Total Depth	4290'	Bottom Packer	4248
Initial Closed in Pres.	1364	1357	Interval Tested	4248-4278'	Formation Tested	Mississippi
Initial Flow Pres.	180	1 87	Casing or Hole Size	7 7/8"	Casing Perfs. } Top	
Final Flow Pres.	620	1 191	Surface Choke	1"	Bottom Choke	3/4"
Final Closed in Pres.	1364	1346	Size & Kind Drill Pipe	4 1/2" FH 900' Wgt Fl.	Drill Collars Above Tester	None
Final Hydro Mud Pressure	2290	2285	Mud Weight	10.1	Mud Viscosity	36
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	110 °F Est. °F Actual	Anchor Size ID 3.75 OD 5.00	X 42'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Derrick Floor	Depth of Tester Valve	4226' Ft.
Initial Hydro Mud Pres.			Cushion	None	Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.			Recovered	1260 Feet of	Gassy, Muddy, Watery, Frothy, Oil	
Initial Flow Pres.	1		Recovered	Feet of		
Final Flow Pres.	1		Recovered	Feet of		
Final Closed in Pres.			Recovered	Feet of		
Final Hydro Mud Pres.			Oil A.P.I. Gravity		Water Spec. Gravity	
Depth Bot. Gauge	4286 Ft.	Yes Blanked Off	Gas Gravity		Surface Pressure	psi
BT. P.R.D. No.	232	12 Hour Clock	Tool Opened	3:19-4:04 A.M. P.M.	Tool Closed	3:34-5:51 A.M. P.M.
Initial Hydro Mud Pres.	2327	2335	Remarks	Tool opened at 3:19 AM with strong blow, gas to the surface in 8 minutes. Closed at 3:34 for a 30 minute initial closed in pressure. Re-opened at 4:04 with strong blow for a 107 minute second flow. Took a 31 minute final closed in pressure. Off bottom at 6:22		
Initial Closed in Pres.	1386	1377				
Initial Flow Pres.	108	1 158				
Final Flow Pres.	646	1 210				
Final Closed in Pres.	1367	1362				
Final Hydro Mud Pres.	2327	2315				

FORMATION TEST DATA

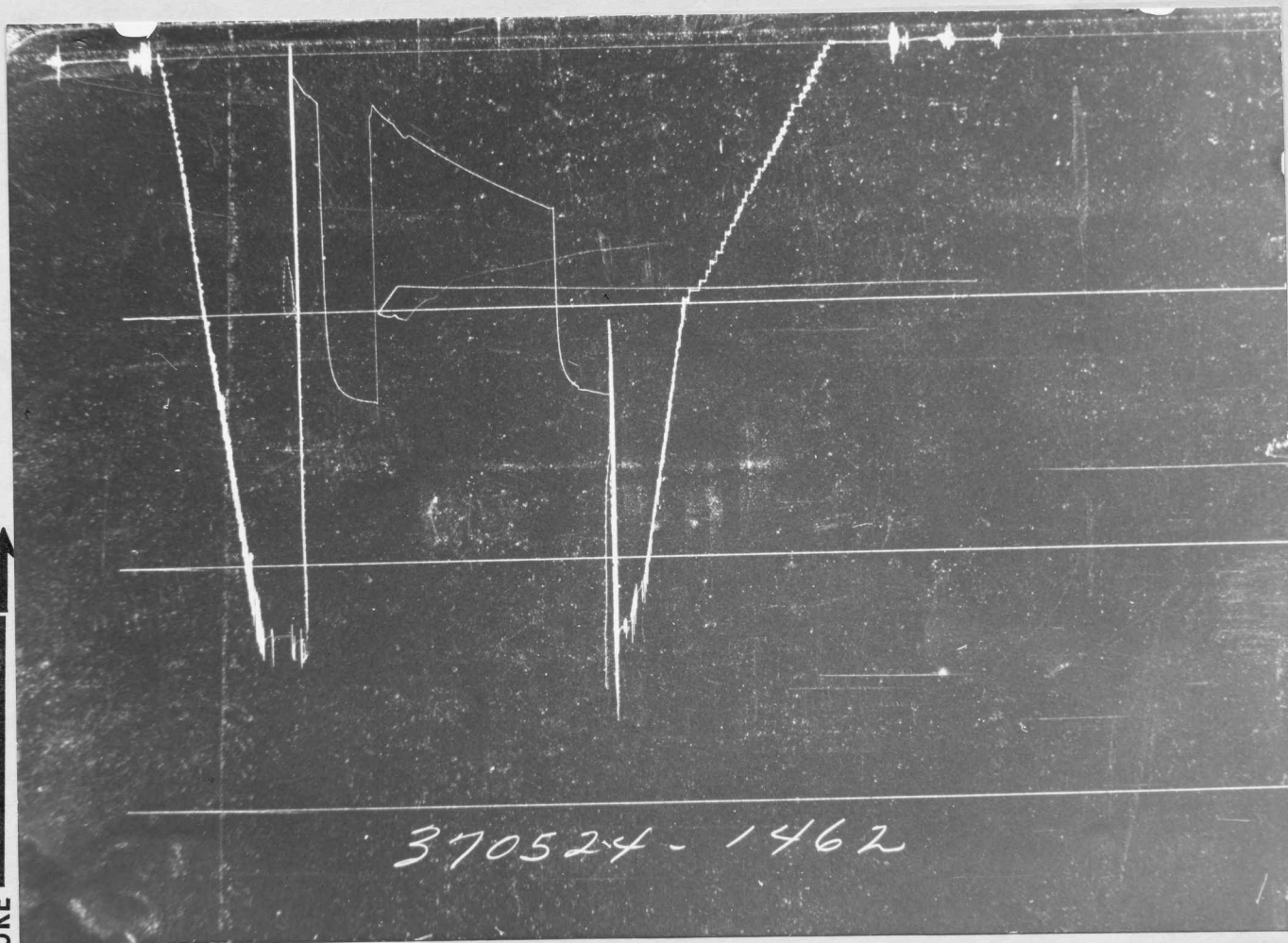
SPECIAL PRESSURE DATA

Gauge No. 1462			Depth 4235'			Clock 12 hour		Ticket No. 370524		
	First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
	Time Defl. ".000"	PSIG Temp. Corr.	Time Defl. ".000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. ".000"	PSIG Temp. Corr.	Time Defl. ".000"	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.
P ₀	.000	87	.000		191	.000	243	.000		614
P ₁	.0196	101	.0205		1174	.173	336	.0205		1227
P ₂	.0392	133	.0410		1269	.3450	443	.0410		1278
P ₃	.0588	156	.0615		1304	.5175	533	.0615		1301
P ₄	.0784	171	.0820		1324	.6900	614	.0820		1323
P ₅	.0980	191	.1025		1335	.7100	*614	.1025		1327
P ₆			.1230		1342			.1230		1331
P ₇			.1435		1348			.1435		1336
P ₈			.1640		1352			.1640		1339
P ₉			.1845		1355			.1845		1346
P ₁₀			.2050		1357			.2050		1346

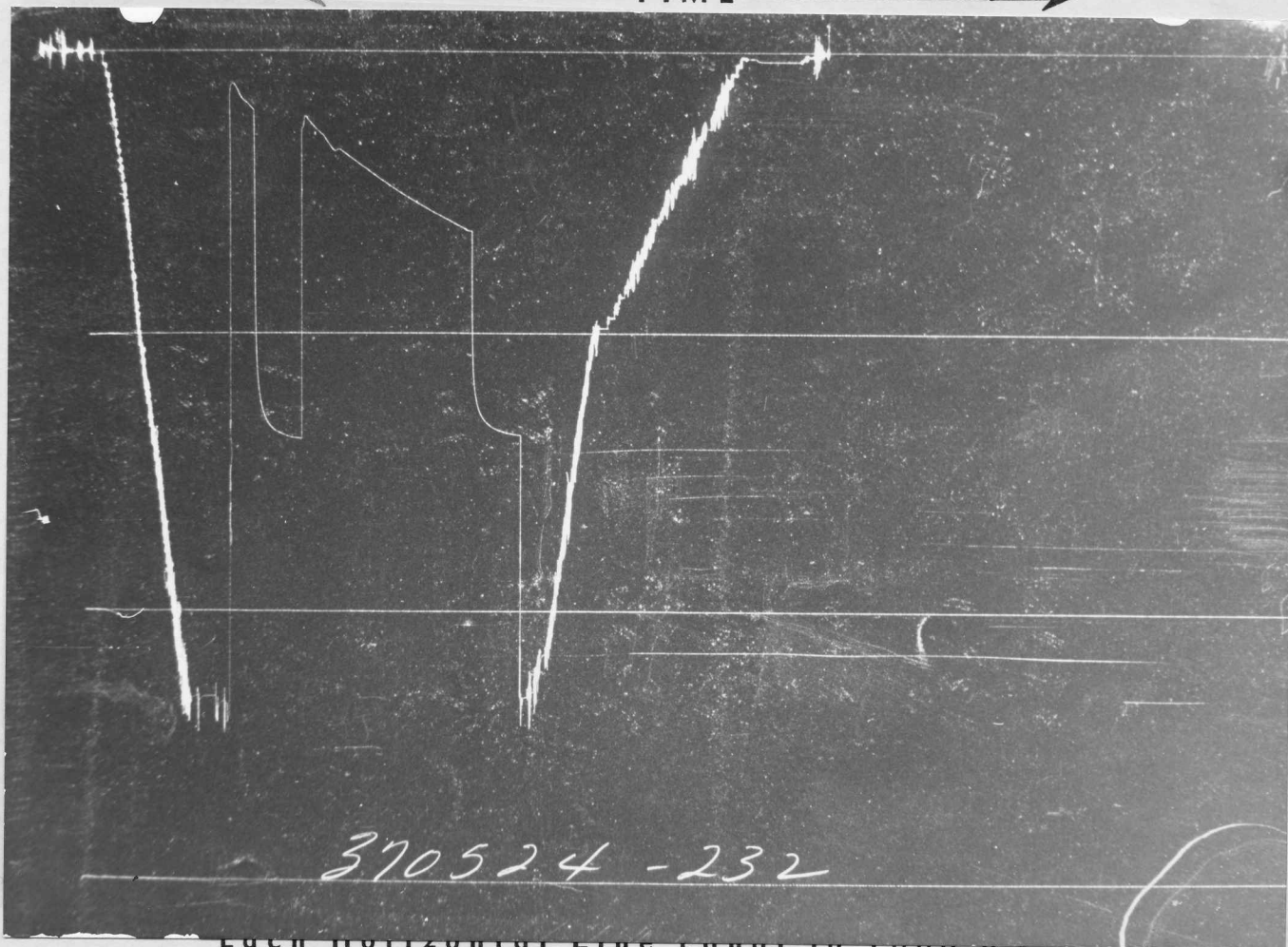
Gauge No. 232			Depth 4286'			Clock 12 hour				
P ₀	.000	158	.000		210//	.000	276	.000		638
P ₁	.019	120	.0193		1141	.162	357	.0195		1234
P ₂	.038	152	.0386		1270	.323	463	.0390		1292
P ₃	.057	177	.0579		1316	.485	554	.0585		1318
P ₄	.076	192	.0772		1338	.646	*634	.0780		1332
P ₅	.095	210	.0965		1352	.665	*638	.0975		1342
P ₆			.1158		1359			.1170		1349
P ₇			.1351		1367			.1365		1354
P ₈			.1544		1372			.1560		1358
P ₉			.1737		1374			.1755		1361
P ₁₀			.1930		1377			.1950		1362
Reading Interval 3			3			26		3.1 Minutes		
REMARKS: Last interval equals 3 minutes.										

SPECIAL PRESSURE DATA

PRESSURE



TIME



Each horizontal line equal to 1000 p.s.i.