

Flow Time	1st 7 Min.	2nd 61 Min.	Date	2-7-62	Ticket Number	304027	S
Closed In Pres. Time	1st 31 Min.	2nd 30 Min.	Kind of Job	OPEN HOLE	Halliburton District	MC COOK	
Pressure Readings	Field	Office Corrected	Tester	C. L. NUTTING	Witness	FRED FORD	
Depth Top Gauge	3652 Ft.	No Blanked Off	Drilling Contractor	BURCH DRILLING CO.	Elevation	2730' DF	Top Packer 3656'
BT. P.R.D. No.	311	12 Hour Clock	Total Depth	3679'	Bottom Packer	3662'	
Initial Hydro Mud Pressure	1960	1956	Interval Tested	3662-3679'	Formation Tested	Topeka	
Initial Closed in Pres.	1258	1243	Casing or Hole Size	7 7/8"	Casing Perfs.	Top Bot.	
Initial Flow Pres.	9	1 9 2 14	Surface Choke	3/4"	Bottom Choke	1"	
Final Flow Pres.	18	1 10 2 14	Size & Kind Drill Pipe	4 1/2"	Drill Collars Above Tester	none	I.D. - LENGTH
Final Closed in Pres.	1065	1057	Mud Weight	10.3	Mud Viscosity	44	
Final Hydro Mud Pressure	1923	1929	Temperature	104	Anchor Size & Length	ID 2.10 OD 3.75 X 17	
Depth Cen. Gauge	3675 Ft.	yes Blanked Off	Depths Mea. From	DF	Depth of Tester Valve	3648	Ft.
BT. P.R.D. No.	1695	12 Hour Clock	Cushion	none	Depth Back Pres. Valve		Ft.
Initial Hydro Mud Pres.			Recovered	7	Feet of	Mud with oil specks	Mea. From Tester Valve
Initial Closed in Pres.			Recovered		Feet of		
Initial Flow Pres.		1	Recovered		Feet of		
Final Flow Pres.		2	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			Gas Gravity		Surface Pressure		psi
BT. P.R.D. No.			Tool Opened	1:23 PM	A.M. P.M.	Tool Closed	3:32 PM A.M. P.M.
Initial Hydro Mud Pres.			Remarks	Tool opened at 1:23 PM with very weak blow.			
Initial Closed in Pres.				Took a 31 min. ICIP. Reopened tool at 2:01, blow			
Initial Flow Pres.		1		dead. Closed tool for a 30 min. FCIP.			
Final Flow Pres.		2					
Final Closed in Pres.							
Final Hydro Mud Pres.							

TILDEN  
 Lease Name  
 Well No. 1  
 Test No. 1  
 Field Area  
 Willdeat  
 County Decatur  
 State Kansas  
 Cities Service Petroleum Company  
 Lease Owner/Company Name  
 Owner's District  
 Legal Location Sec. - Twp. - Rng. 150' SE of C - SESE 32 3 28  
 52-3

FORMATION TEST DATA

Gauge No. 311		Depth 3652		Clock 12		hour		Ticket No. 304027		
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.	
P <sub>0</sub>	.000	9	.070		10	.000	14	.000		14
P <sub>1</sub>	.050	10	.0235		517	.453	14	.024		87
P <sub>2</sub>			.0470		866			.048		377
P <sub>3</sub>			.0705		1013			.072		647
P <sub>4</sub>			.0940		1098			.096		790
P <sub>5</sub>			.1175		1146			.120		887
P <sub>6</sub>			.1410		1179			.144		942
P <sub>7</sub>			.1645		1203			.168		977
P <sub>8</sub>			.1880		1220			.192		1013
P <sub>9</sub>			.2115		1233			.216		1039
P <sub>10</sub>			.2350		1243			.240		1057

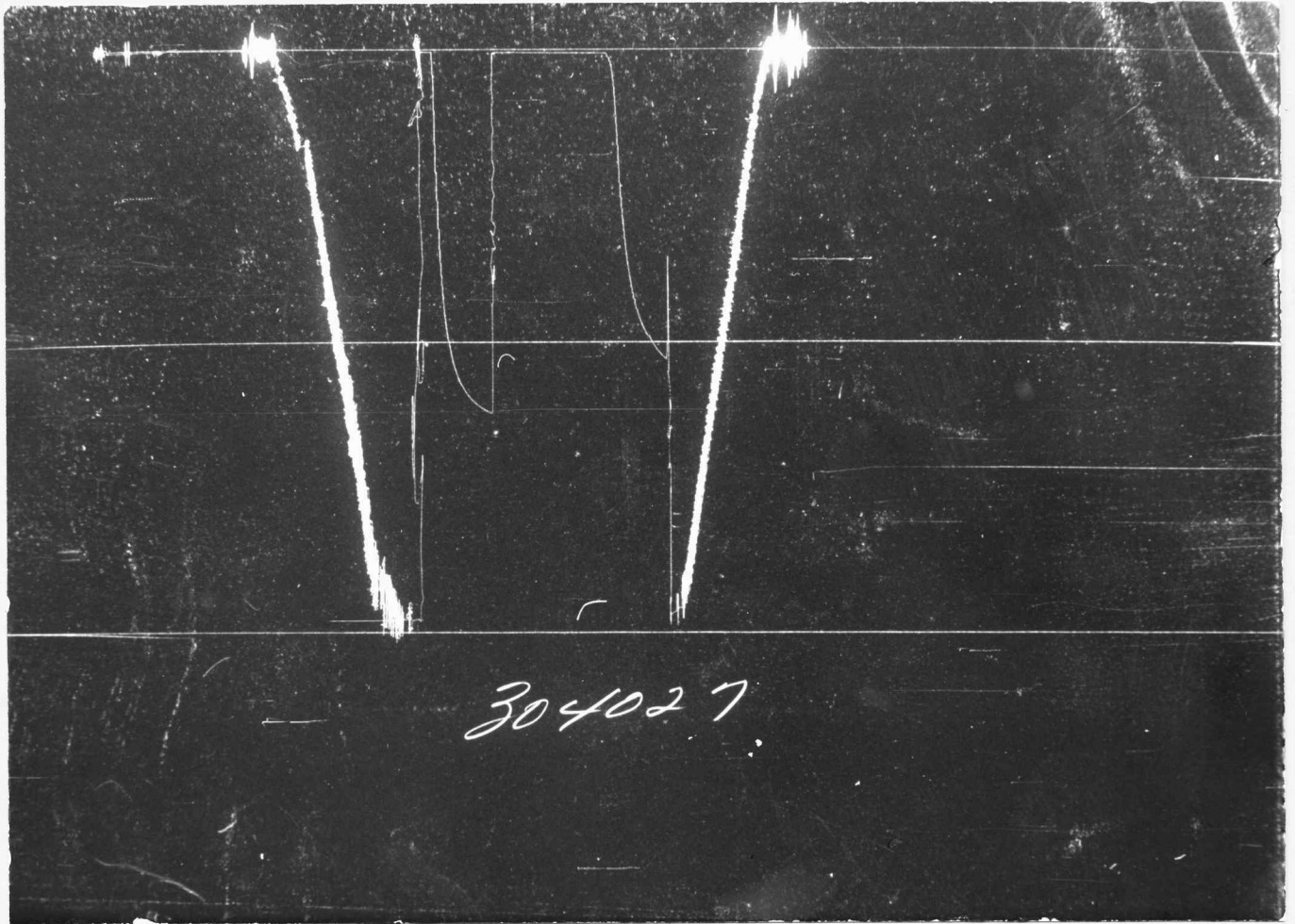
Gauge No.	Depth			Clock	hour
P <sub>0</sub>					
P <sub>1</sub>					
P <sub>2</sub>					
P <sub>3</sub>					
P <sub>4</sub>					
P <sub>5</sub>					
P <sub>6</sub>					
P <sub>7</sub>					
P <sub>8</sub>					
P <sub>9</sub>					
P <sub>10</sub>					

Reading Interval \_\_\_\_\_ Minutes

REMARKS:

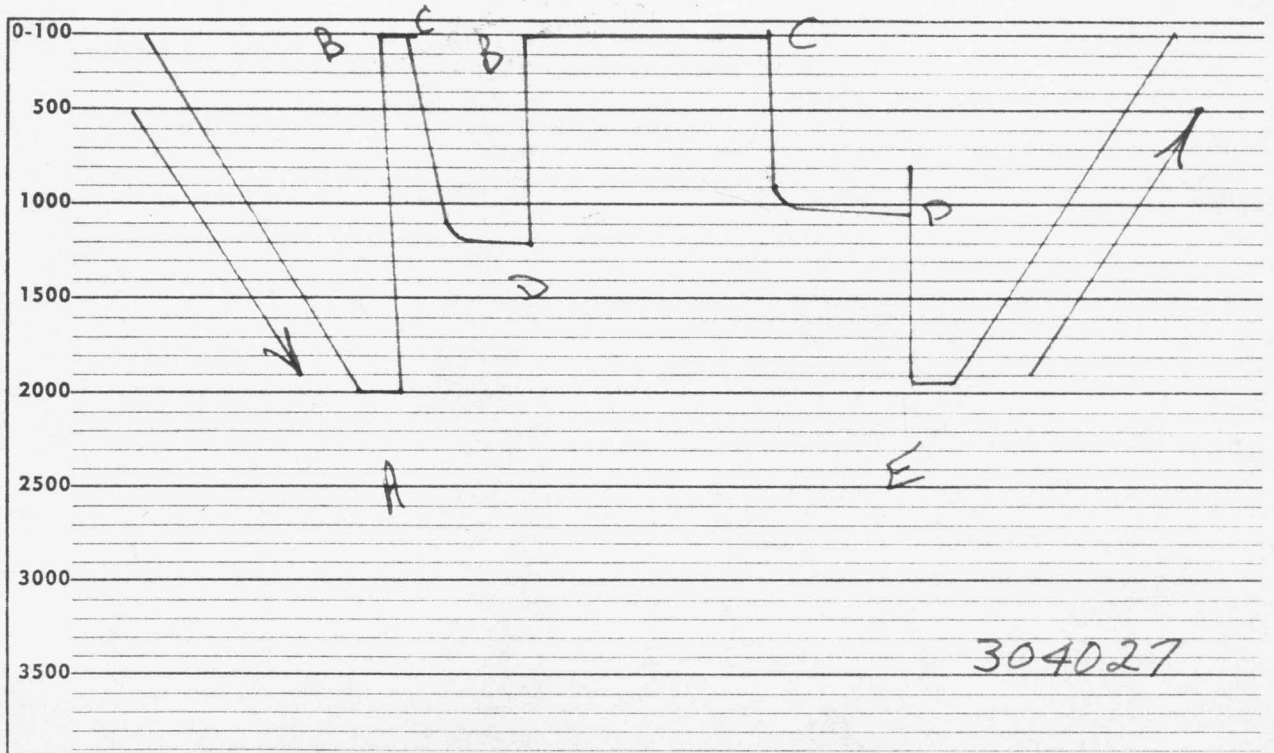
**SPECIAL PRESSURE DATA**

225



PRESSURE

← TIME →



- A—Initial Mud Weight
- B—Initial Flow
- C—Final Flow
- D—Closed In Pressure
- E—Final Mud Weight

HALLIBURTON FORM 1383—LITTLE'S 61742 5M 10/60

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

Flow Time	1st 5	Min.	2nd 60	Min.	Date	2-8-62	Ticket Number	304028	S
Closed In Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	OPEN HOLE	Halliburton District	MC COOK	
Pressure Readings	Field			Office Corrected	Tester	NUTTING	Witness	ANDERSON	
Depth Top Gauge	3742	Ft.	No	Blanked Off	Drilling Contractor	BURCH DRILLING COMPANY			
BT. P.R.D. No.	311		12	Hour Clock	Elevation	2730' DF	Top Packer		
Initial Hydro Mud Pressure	2013		2008		Total Depth	3778'	Bottom Packer	3746'	
Initial Closed in Pres.	1188		1085		Interval Tested	3746-3778'	Formation Tested	Kansas City	
Initial Flow Pres.	18		1 15		Casing or Hole Size	7 7/8"	Casing Perfs.	Top	
Final Flow Pres.	27		1 11		Surface Choke	3/4"	Bottom Choke	1"	
Final Closed in Pres.	680		628		Size & Kind Drill Pipe	4 1/2"	Drill Collars Above Tester	I.D. - LENGTH	
Final Hydro Mud Pressure	1960		1988		Mud Weight	10.3	Mud Viscosity	44	
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	100	Anchor Size & Length	ID 2.10" OD 3.75" X	32'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	DF	Depth of Tester Valve	3738'	Ft.
Initial Hydro Mud Pres.					TYPE AMOUNT		Depth Back Pres. Valve		Ft.
Initial Closed in Pres.					Cushion	None			
Initial Flow Pres.			1		Recovered	12	Feet of Mud with oil specks		
Final Flow Pres.			2		Recovered		Feet of		
Final Closed in Pres.			1		Recovered		Feet of		
Final Hydro Mud Pres.			2		Recovered		Feet of		
Depth Bot. Gauge	3774	Ft.	Yes	Blanked Off	Oil A.P.I. Gravity		Water Spec. Gravity		
BT. P.R.D. No.	1695		12	Hour Clock	Gas Gravity		Surface Pressure	psi	
Initial Hydro Mud Pres.					Tool Opened	10:42	A.M. P.M.	Tool Closed	12:17
Initial Closed in Pres.					Remarks	Opened with a weak blow, for 5 min. 1st flow. Closed at 10:47 for 30 min.			
Initial Flow Pres.			1			ICIP. Reopened at 11:17 for 60 min. 2nd			
Final Flow Pres.			2			flow. Closed for 30 min. FCIP. Off bottom			
Final Closed in Pres.						at 12:47 a.m.			
Final Hydro Mud Pres.									

Legal Location Sec. - Twp. - Rng. 1501 SE of G-SE-SE 32-3-28  
 Lease Name TILDEN  
 Well No. 1  
 Test No. 2  
 Field Area WILD CAT  
 County DECATOR  
 State KANSAS  
 Lease Owner/Company Name CITIES SERVICE PETROLEUM COMPANY  
 Owner's District KANSAS 32-3

FORMATION TEST DATA

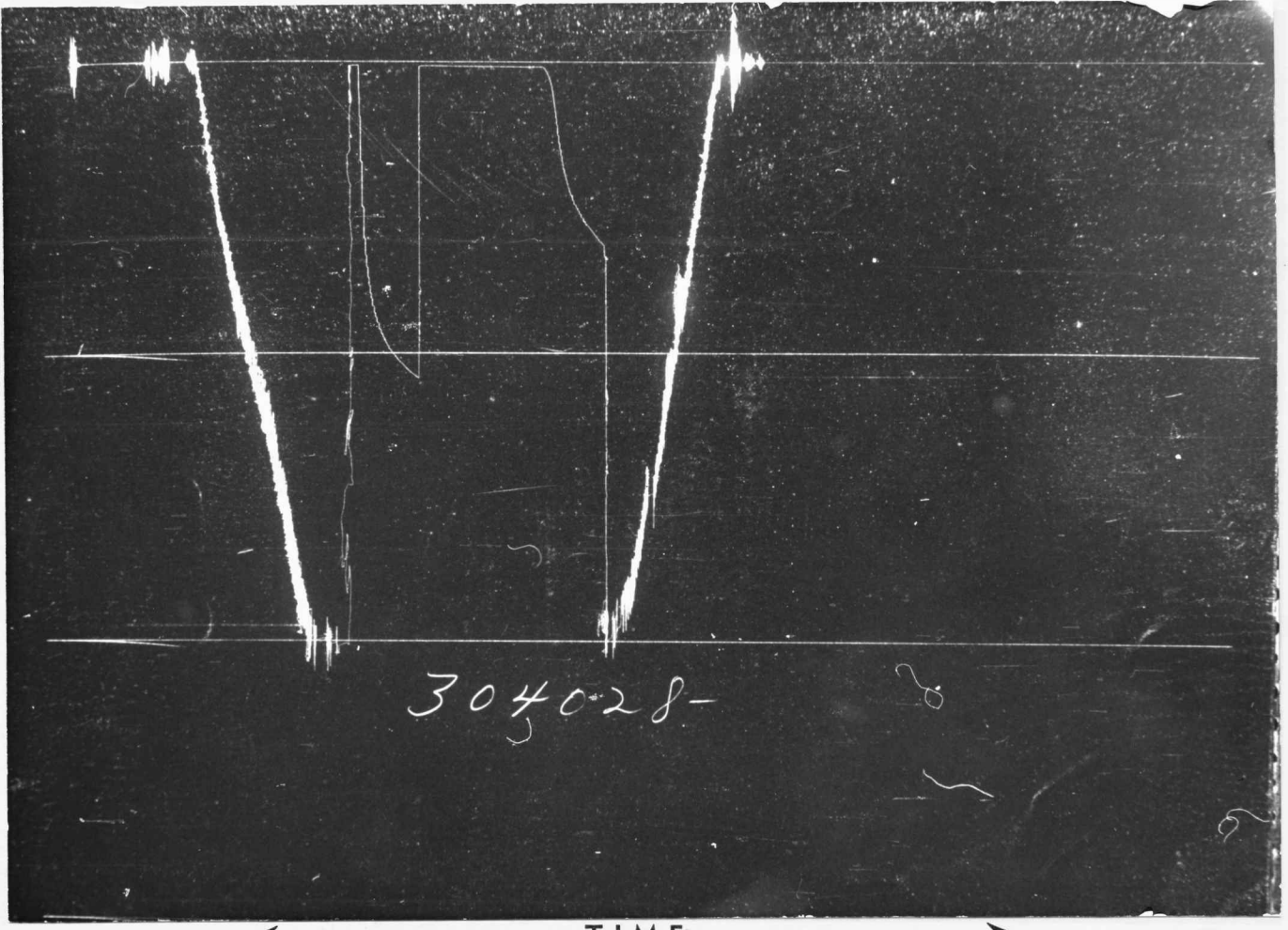
5

Gauge No.		Depth		Clock		Ticket No.			
311		3742'		12 hour		304028			
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.
P <sub>0</sub>	.000 15	.000		11	.000	17	.000		17
P <sub>1</sub>	.037 11	.0243		604	.488	17	.025		44
P <sub>2</sub>		.0486		769			.050		136
P <sub>3</sub>		.0729		876			.075		299
P <sub>4</sub>		.0972		934			.100		403
P <sub>5</sub>		.1215		975			.125		474
P <sub>6</sub>		.1458		1005			.150		512
P <sub>7</sub>		.1701		1032			.175		549
P <sub>8</sub>		.1944		1053			.200		577
P <sub>9</sub>		.2187		1070			.225		606
P <sub>10</sub>		.2430		1085			.250		628

Gauge No.		Depth		Clock		hour	
P <sub>0</sub>							
P <sub>1</sub>							
P <sub>2</sub>							
P <sub>3</sub>							
P <sub>4</sub>							
P <sub>5</sub>							
P <sub>6</sub>							
P <sub>7</sub>							
P <sub>8</sub>							
P <sub>9</sub>							
P <sub>10</sub>							
Reading Interval		3				3 Minutes	
REMARKS: Chart indicates stair-stepping							

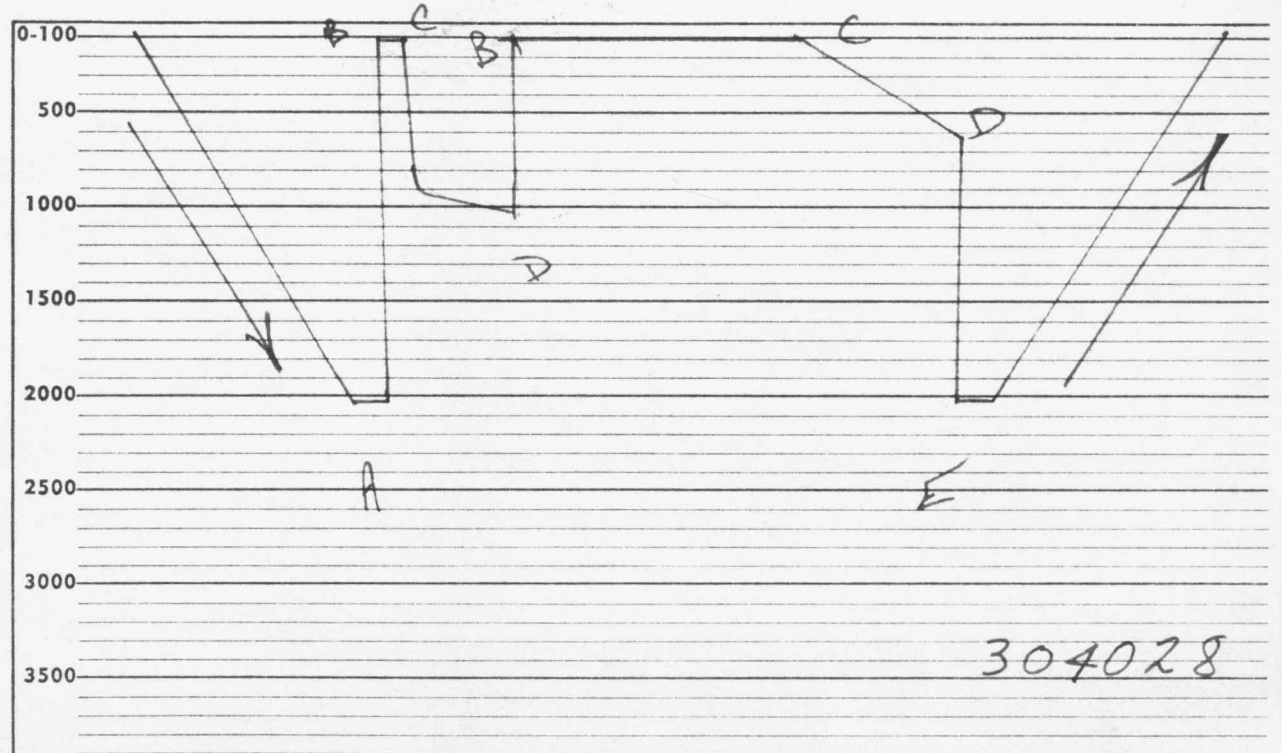
SPECIAL PRESSURE DATA

5-28



PRESSURE

← TIME →



- A—Initial Mud Weight
- B—Initial Flow
- C—Final Flow
- D—Closed In Pressure
- E—Final Mud Weight

HALLIBURTON FORM 1383—LITTLE'S 61742 5M 10/60

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

Flow Time	1st 5	Min.	2nd 60	Min.	Date	2-9-62	Ticket Number	304029 S
Closed In Press. Time	1st 30	Min.	2nd 31	Min.	Kind of Job	Open hole test	Halliburton District	McCook
Pressure Readings	Field		Office Corrected		Tester	Nutting	Witness	Anderson
Depth Top Gauge	3768	Ft.	NO	Blanked Off	Drilling Contractor	Burch Drilling Company		
BT. P.R.D. No.	311		12	Hour Clock	Elevation	2730'	Top Packer	-
Initial Hydro Mud Pressure	1978		1967		Total Depth	3805'	Bottom Packer	3772'
Initial Closed in Pres.	1108		1101		Interval Tested	3772' - 3805'	Formation Tested	Kansas City
Initial Flow Pres.	18		1 10 2 17		Casing or Hole Size	7 7/8"	Casing Perfs. } Top	-
Final Flow Pres.	70		1 14 2 57		Surface Choke	3/4"	Bottom Choke	1"
Final Closed in Pres.	872		866		Size & Kind Drill Pipe	4 1/2"	Drill Collars Above Tester	-
Final Hydro Mud Pressure	1924		1958		Mud Weight	10.2	Mud Viscosity	43
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	106	Anchor Size & Length	ID 2.10" X OD 3.75" 33'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	Derrick Floor	Depth of Tester Valve	3764' Ft.
Initial Hydro Mud Pres.					Cushion	-	Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.					Recovered	97	Feet of Mud	
Initial Flow Pres.			1 2		Recovered		Feet of	
Final Flow Pres.			1 2		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	3801	Ft.	YES	Blanked Off	Gas Gravity	-	Surface Pressure	psi
BT. P.R.D. No.	1695		12	Hour Clock	Tool Opened	1:31	Tool Closed	3:06
Initial Hydro Mud Pres.					Remarks	Opened tool for 5 minute 1st flow with fair		
Initial Closed in Pres.						blow. Closed tool for 30 minute initial closed		
Initial Flow Pres.			1 2			in pressure. Reopened tool for 60 minute 2nd		
Final Flow Pres.			1 2			flow with fair blow. Closed tool for 31 minute		
Final Closed in Pres.						final closed in pressure.		
Final Hydro Mud Pres.								

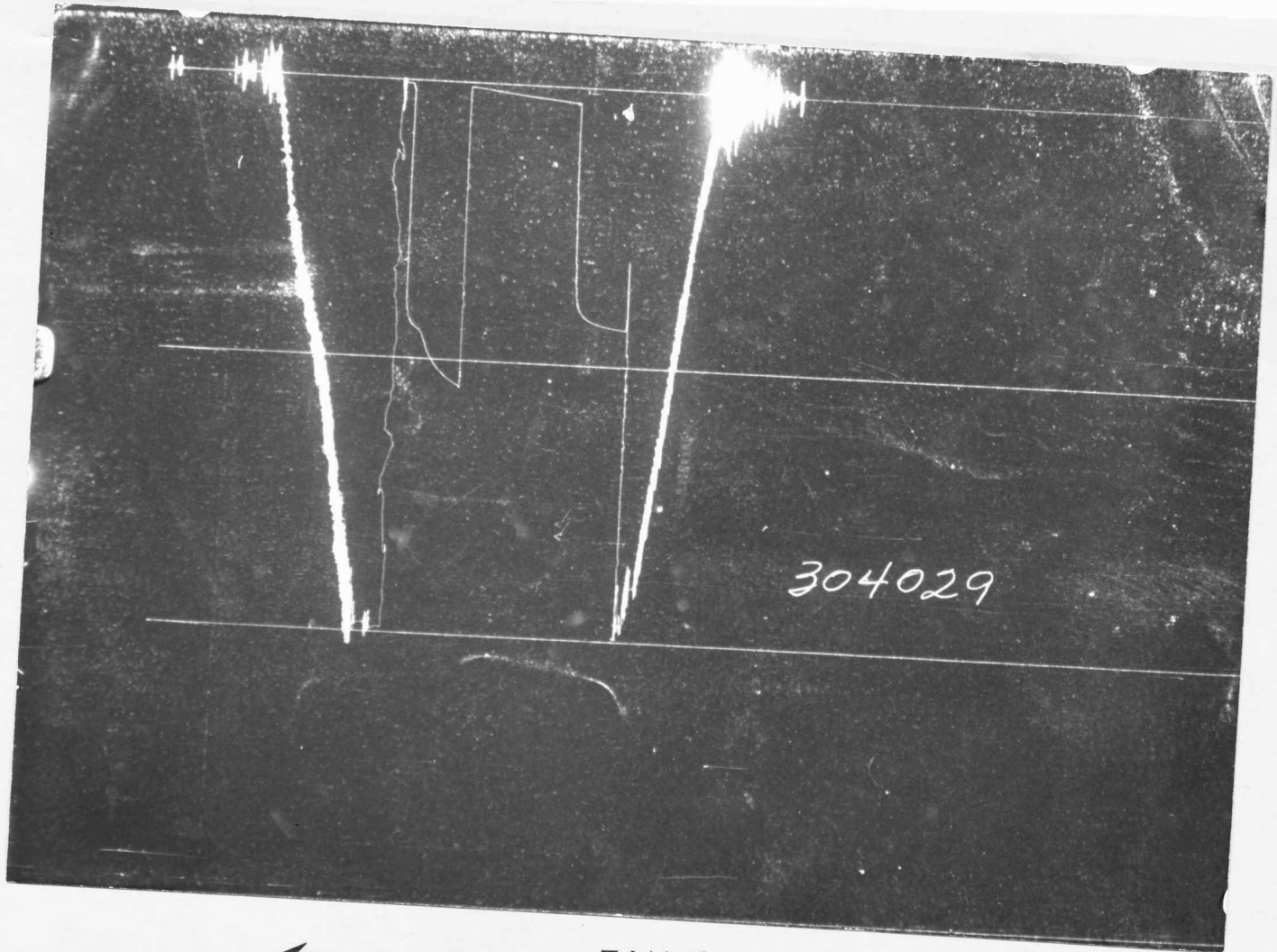
Legal Location Sec. - Twp. - King. SEC. 32 - 3 - 28  
 Lease Name WILD CAT  
 Well No. 1  
 Field Area  
 Test No. 3  
 County DECATUR  
 State KANSAS  
 Owner's District 32-33  
 CITIES SERVICE PETROLEUM COMPANY  
 Lease Owner/Company Name

FORMATION TEST DATA

5

Gauge No. 311		Depth 3768'			Clock 12 hour		Ticket No. 304029		
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 <sub>0</sub>	.000 10	.000		14	.000	17	.000		57
P <sub>1</sub>	.037 14	.0241		866	.1145	27	.0227		784
P <sub>2</sub>		.0482		888	.2290	38	.0454		823
P <sub>3</sub>		.0723		908	.3435	47	.0681		837
P <sub>4</sub>		.0964		970	.4580	57	.0908		846
P <sub>5</sub>		.1205		1005			.1135		853
P <sub>6</sub>		.1446		1034			.1362		857
P <sub>7</sub>		.1687		1054			.1589		860
P <sub>8</sub>		.1928		1072			.1816		863
P <sub>9</sub>		.2169		1085			.2043		865
P <sub>10</sub>		.2410		1101			.2270		866
Gauge No.		Depth			Clock		hour		
P <sub>0</sub>									
P <sub>1</sub>									
P <sub>2</sub>									
P <sub>3</sub>									
P <sub>4</sub>									
P <sub>5</sub>									
P <sub>6</sub>									
P <sub>7</sub>									
P <sub>8</sub>									
P <sub>9</sub>									
P <sub>10</sub>									
Reading Interval		3			15		3.1 Minutes		
REMARKS:									

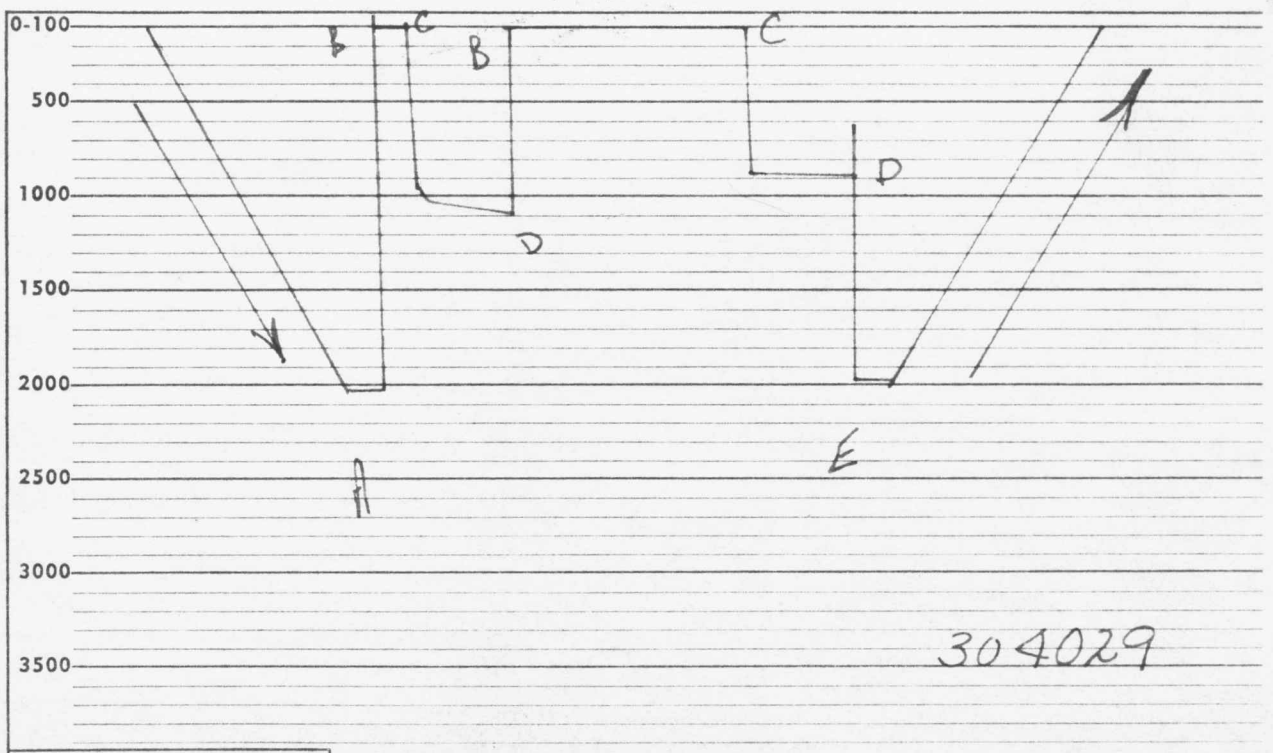
SPECIAL PRESSURE DATA



304029

↑ PRESSURE ↓

← TIME →



304029

- A—Initial Mud Weight
- B—Initial Flow
- C—Final Flow
- D—Closed In Pressure
- E—Final Mud Weight

HALLIBURTON FORM 1303—LITTLE'S 61742 5M 10/60

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

Flow Time	1st 5	Min.	2nd 65	Min.	Date	2-9-62	Ticket Number	304030	S
Closed In Pres. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	OPEN HOLE	Halliburton District	MC COOK	
Pressure Readings	Field		Office Corrected		Tester	NUTTING	Witness	ANDERSON	
Depth Top Gauge	3796	Ft.	No	Blanked Off	Drilling Contractor	BURCH DRILLING COMPANY			
BT. P.R.D. No.	311		12	Hour Clock	Elevation	2730' DF	Top Packer		
Initial Hydro Mud Pressure	1978		1968		Total Depth	3838'	Bottom Packer	3800'	
Initial Closed in Pres.	1020		1017		Interval Tested	3800-3838'	Formation Tested	Lansin KC	
Initial Flow Pres.	18		1 13 2 22		Casing or Hole Size	7 7/8"	Casing Perfs.	Top Bot.	
Final Flow Pres.	37		1 16 2 31		Surface Choke	3/4"	Bottom Choke	1"	
Final Closed in Pres.	785		790		Size & Kind Drill Pipe	4 1/2"	Drill Collars Above Tester	I.D. - LENGTH	
Final Hydro Mud Pressure	1960		1963		Mud Weight	10.1	Mud Viscosity	41	
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	106	Anchor Size & Length	ID 2.10" OD 3.75" X	38'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	DF	Depth of Tester Valve	3792' Ft.	
Initial Hydro Mud Pres.					TYPE AMOUNT		Depth Back Pres. Valve	Ft.	
Initial Closed in Pres.					Cushion	None			
Initial Flow Pres.			1		Recovered	3	Feet of	Clean oil	
Final Flow Pres.			2		Recovered	42	Feet of	Oil cut mud	
Final Closed in Pres.			1		Recovered		Feet of		
Final Hydro Mud Pres.			2		Recovered		Feet of		
Depth Bot. Gauge	3834	Ft.	Yes	Blanked Off	Oil A.P.I. Gravity	43 @ 75°	Water Spec. Gravity		
BT. P.R.D. No.	1695		12	Hour Clock	Gas Gravity		Surface Pressure	psi	
Initial Hydro Mud Pres.					Tool Opened	5:32	Tool Closed	7:12	
Initial Closed in Pres.						A.M. P.M.		A.M. P.M.	
Initial Flow Pres.			1		Remarks	Opened with a fair blow, for 5 min.			
Final Flow Pres.			2			1st flow. Closed at 5:37 for 30 min. ICIP.			
Final Closed in Pres.			1			Reopened with a fair blow, at 6:07 for			
Final Hydro Mud Pres.			2			65 min. 2nd flow. Closed for 30 min. FCIP.			

Legal Location Sec. - Twp. - Rng. 150' SE of C-SE-SE 32-3-28

Field Area

WILDCAT

County

DECATOR

State

KANSAS

Well No. 1

Test No. 4

CITIES SERVICE PETROLEUM COMPANY

Lease Owner/Company Name

Lease Name

TILDEN

Owner's District

KANSAS

FORMATION TEST DATA

5

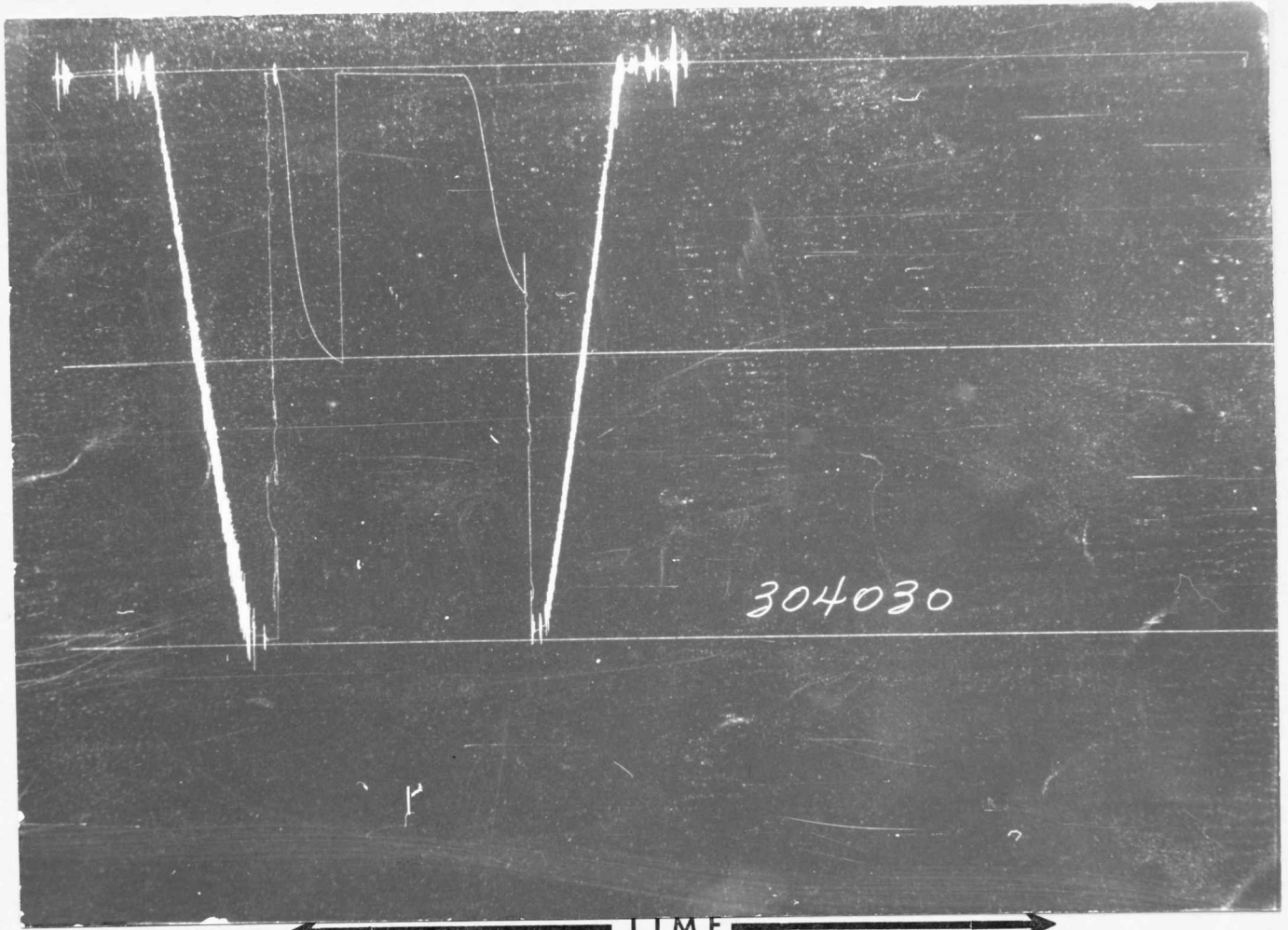
Gauge No. 311		Depth 3796'			Clock 12 hour		Ticket No. 304030		
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{e}$	PSIG Temp. Corr.
P <sub>0</sub>	.000 13	.000		16	.000	22	.000		31
P <sub>1</sub>	.038 16	.0246		105	.1024	21	.0228		57
P <sub>2</sub>		.0492		145	.2048	24	.0456		115
P <sub>3</sub>		.0738		686	.3072	26	.0684		227
P <sub>4</sub>		.0984		818	.4096	29	.0912		358
P <sub>5</sub>		.1230		893	.5120	31	.1140		496
P <sub>6</sub>		.1476		937			.1368		601
P <sub>7</sub>		.1722		968			.1596		675
P <sub>8</sub>		.1968		990			.1824		725
P <sub>9</sub>		.2214		1006			.2052		763
P <sub>10</sub>		.2460		1017			.2280		790

Gauge No.		Depth			Clock		hour		
P <sub>0</sub>									
P <sub>1</sub>									
P <sub>2</sub>									
P <sub>3</sub>									
P <sub>4</sub>									
P <sub>5</sub>									
P <sub>6</sub>									
P <sub>7</sub>									
P <sub>8</sub>									
P <sub>9</sub>									
P <sub>10</sub>									

Reading Interval 3 13 3 Minutes

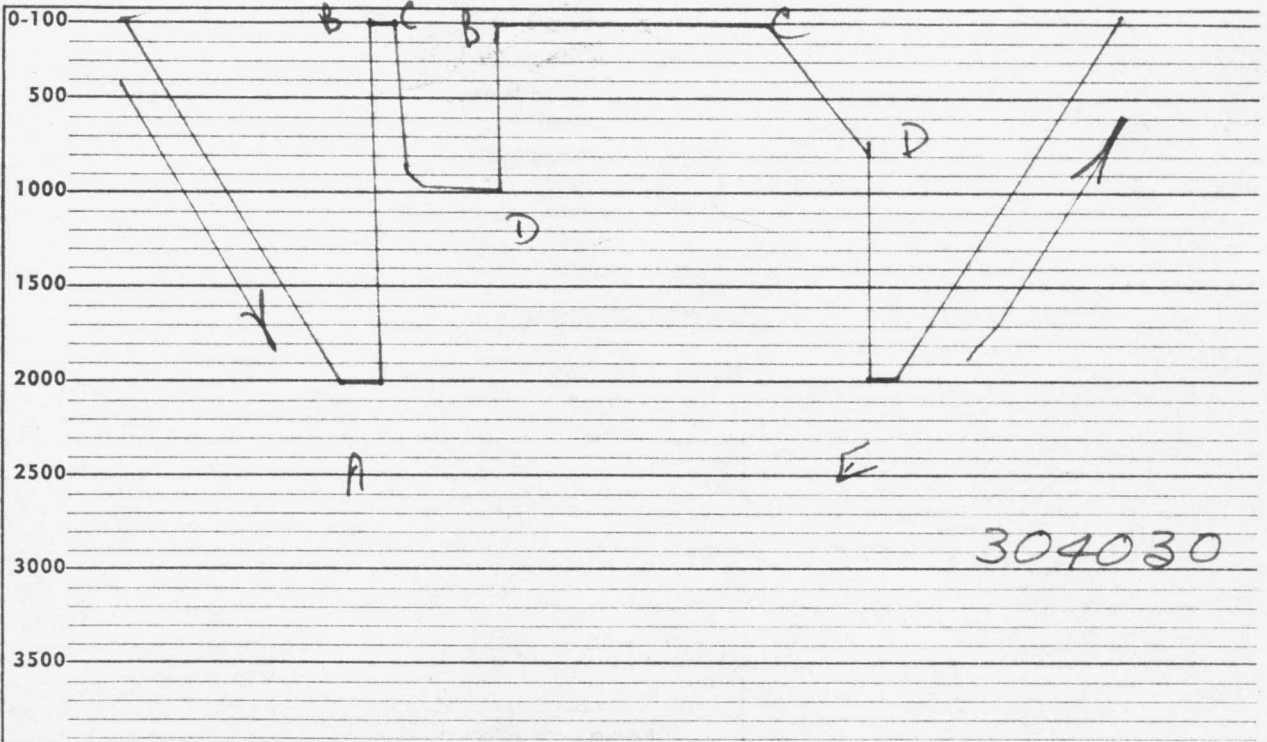
REMARKS:

SPECIAL PRESSURE DATA



PRESSURE

TIME



- A—Initial Mud Weight
- B—Initial Flow
- C—Final Flow
- D—Closed In Pressure
- E—Final Mud Weight

HALLIBURTON FORM 1393—LITTLE'S 61742 5M 10/60

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

Flow Time	1st 5	Min.	2nd 60	Min.	Date	2-10-62	Ticket Number	304031	S
Closed In Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	Open hole test	Halliburton District	McCook	
Pressure Readings	Field		Office Corrected		Tester	Nutting	Witness	Anderson	
Depth Top Gauge	3847	Ft.	NO	Blanked Off	Drilling Contractor	Burch Drilling Company			
BT. P.R.D. No.	311		12	Hour Clock	Elevation	2730'	Top Packer	-	
Initial Hydro Mud Pressure	2013		2001		Total Depth	3873'	Bottom Packer	3853'	
Initial Closed in Pres.	628		616		Interval Tested	3853' - 3873'	Formation Tested	Kansas City	
Initial Flow Pres.	9		1 9		Casing or Hole Size	7 7/8"	Casing Perfs. } Top	-	
Final Flow Pres.	17		1 9		Surface Choke	3/4"	Bottom Choke	1"	
Final Closed in Pres.	53		47		Size & Kind Drill Pipe	4 1/2"	Drill Collars Above Tester	-	I.D. - LENGTH
Final Hydro Mud Pressure	1995		1988		Mud Weight	10.1	Mud Viscosity	47	
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	107	Anchor Size & Length	ID 2.10" X OD 3.75"	20'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	Derrick Floor	Depth of Tester Valve	3813'	Ft.
Initial Hydro Mud Pres.					TYPE AMOUNT		Depth Back Pres. Valve	-	Ft.
Initial Closed in Pres.					Cushion	-			
Initial Flow Pres.			1		Recovered	12	Feet of Oil cut mud with skim of		Mea. From Tester Valve
Final Flow Pres.			2		Recovered		Feet of oil		
Final Closed in Pres.			1		Recovered		Feet of		
Final Hydro Mud Pres.			2		Recovered		Feet of		
Depth Bot. Gauge	3869	Ft.	YES	Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity		
BT. P.R.D. No.	1695		12	Hour Clock	Gas Gravity	-	Surface Pressure		psi
Initial Hydro Mud Pres.					Tool Opened	9:42	Tool Closed	11:10	A.M. P.M.
Initial Closed in Pres.					Remarks				
Initial Flow Pres.			1		Opened tool for 5 minute 1st flow with very weak blow. Closed tool for 30 minute initial close				
Final Flow Pres.			2		in pressure. Reopened tool for 60 minute 2nd flow				
Final Closed in Pres.			1		with very weak blow dead in 12 minutes; by-passed				
Final Hydro Mud Pres.			2		and dead in 4 minutes. Closed tool for 30 minute				
					final closed in pressure.				

Legal Location  
Sec. - Twp. - Rng. SEC. 32 - 3 - 28

Lease Name  
WILD CAT

Well No.  
5

Field Area  
WILD CAT

Country  
DECATOR

State  
KANSAS

Owner's District  
KANSAS

Legal Location  
Sec. - Twp. - Rng. SEC. 32 - 3 - 28

Lease Name  
WILD CAT

Well No.  
5

Field Area  
WILD CAT

Country  
DECATOR

State  
KANSAS

Owner's District  
KANSAS

Legal Location  
Sec. - Twp. - Rng. SEC. 32 - 3 - 28

Lease Name  
WILD CAT

Well No.  
5

Field Area  
WILD CAT

Country  
DECATOR

State  
KANSAS

Owner's District  
KANSAS

FORMATION TEST DATA

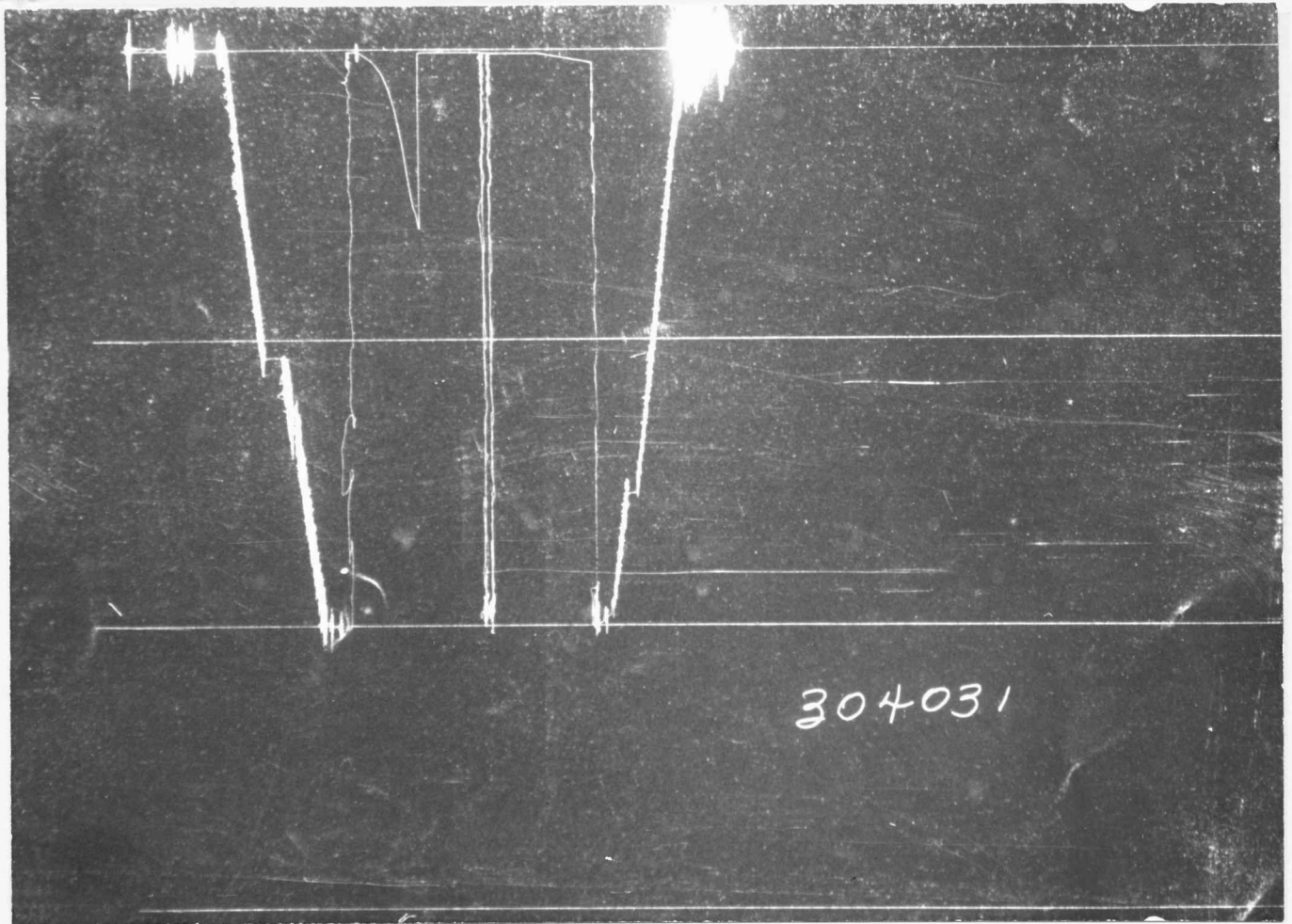
5

Gauge No. 311		Depth 3847'			Clock 12 hour		Ticket No. 304031			
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 <sub>0</sub>	.000	9	.000		9	.000	13	.000		13
P <sub>1</sub>	.038	9	.0242		21	.473	13	.219		47
P <sub>2</sub>			.0484		36					
P <sub>3</sub>			.0726		55					
P <sub>4</sub>			.0968		84					
P <sub>5</sub>			.1210		132					
P <sub>6</sub>			.1452		199					
P <sub>7</sub>			.1694		299					
P <sub>8</sub>			.1936		420					
P <sub>9</sub>			.2178		537					
P <sub>10</sub>			.2420		616					

Gauge No.		Depth			Clock		hour		
P <sub>0</sub>									
P <sub>1</sub>									
P <sub>2</sub>									
P <sub>3</sub>									
P <sub>4</sub>									
P <sub>5</sub>									
P <sub>6</sub>									
P <sub>7</sub>									
P <sub>8</sub>									
P <sub>9</sub>									
P <sub>10</sub>									
Reading Interval		3					Minutes		
REMARKS:									

SPECIAL PRESSURE DATA

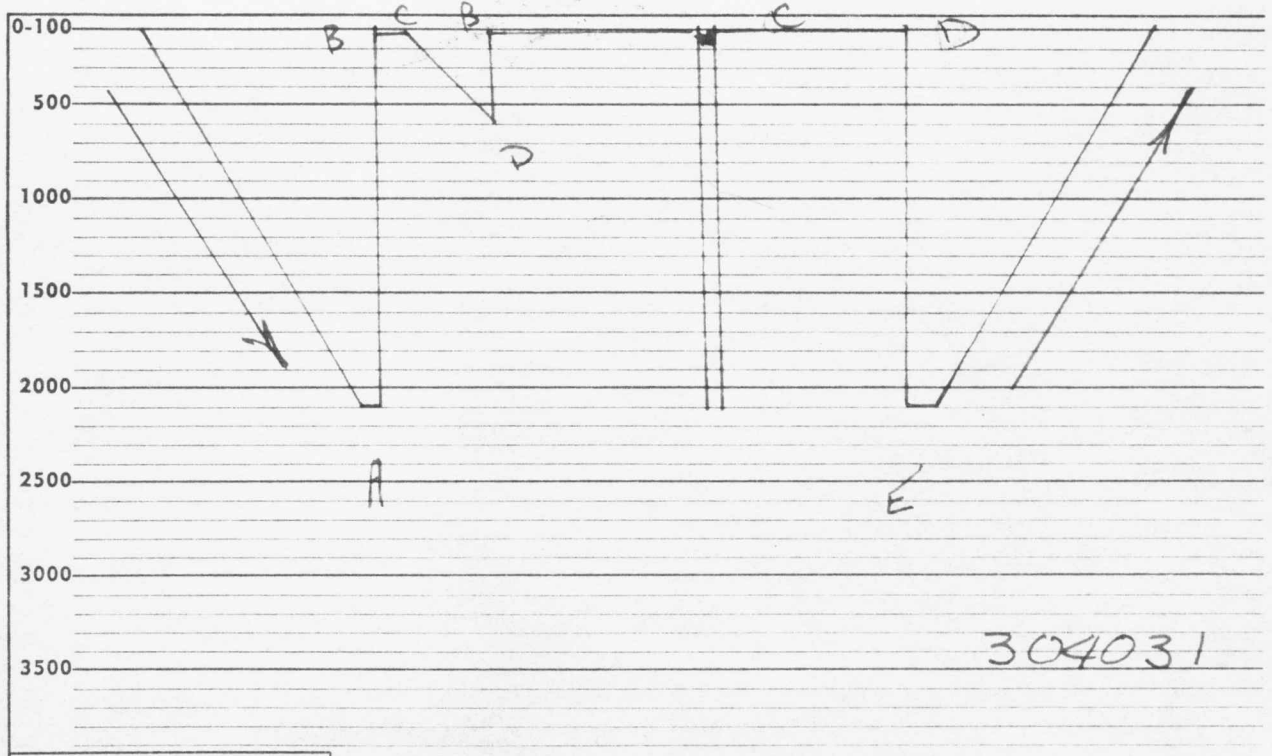
18



304031

PRESSURE

← TIME →



304031

- A—Initial Mud Weight
- B—Initial Flow
- C—Final Flow
- D—Closed In Pressure
- E—Final Mud Weight

HALLIBURTON FORM 1393—LITTLE'S 61742 5M 10/60

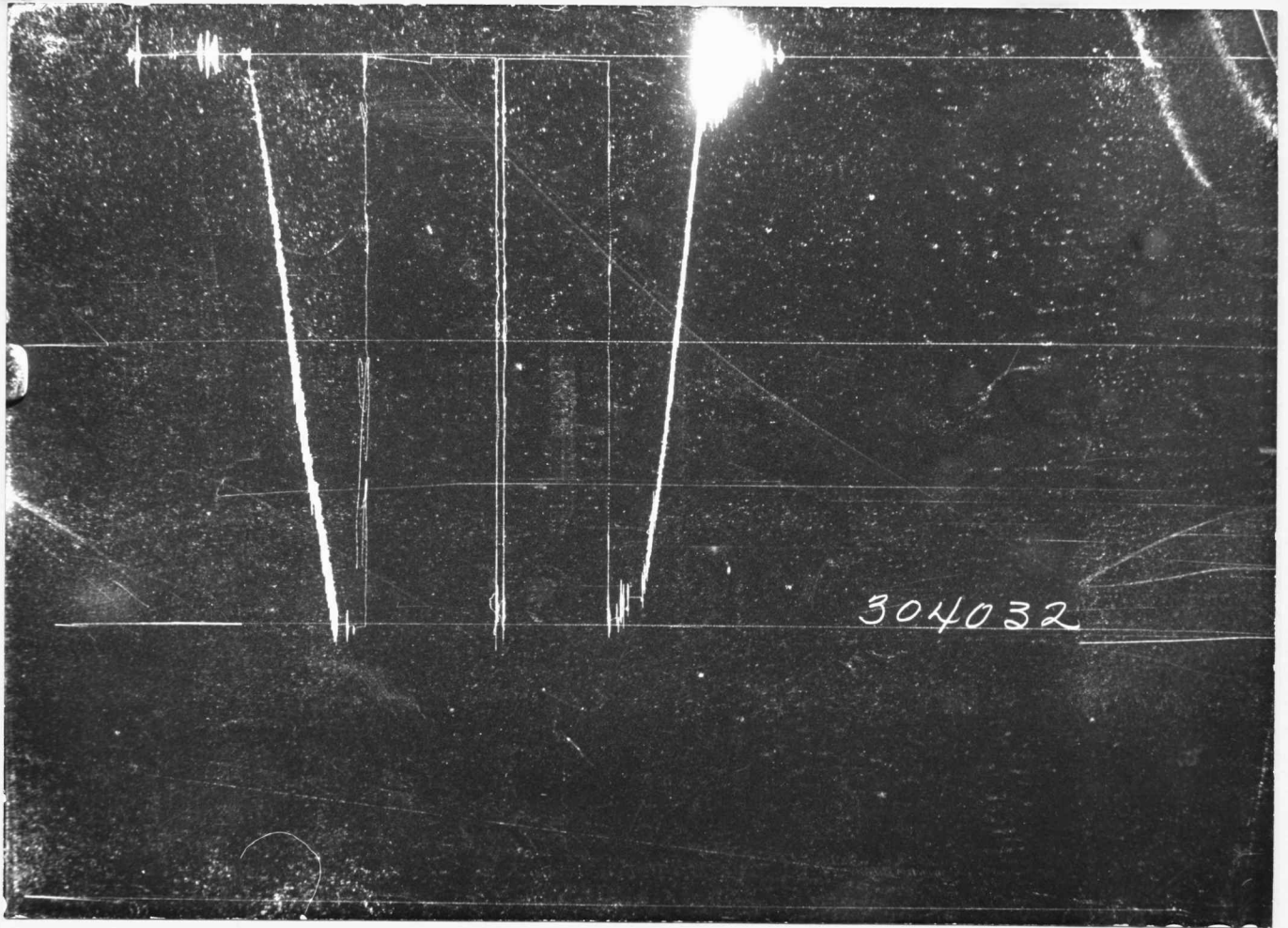
Each Horizontal Line Equal to 1000 p.s.i.

Flow Time	1st 5	Min.	2nd 60	Min.	Date	2-11-62	Ticket Number	304032
Closed in Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	Open hole test	Halliburton District	McCook
Pressure Readings	Field		Office Corrected		Tester	Nutting	Witness	Anderson
Depth Top Gauge	3880	Ft.	NO	Blanked Off	Drilling Contractor	Burch Drilling Company		
BT. P.R.D. No.	311		12	Hour Clock	Elevation	2730'	Top Packer	3884'
Initial Hydro Mud Pressure	2013		2009		Total Depth	3927'	Bottom Packer	3890'
Initial Closed in Pres.	35		32		Interval Tested	3890' - 3927'	Formation Tested	Kansas City
Initial Flow Pres.	9		1 10		Casing or Hole Size	7 7/8"	Casing Perfs. } Top	-
Final Flow Pres.	9		1 10		Surface Choke	3/4"	Bottom Choke	1"
Final Closed in Pres.	17		21		Size & Kind Drill Pipe	4 1/2"	Drill Collars Above Tester	-
Final Hydro Mud Pressure	1987		1981		Mud Weight	10.1	Mud Viscosity	43
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	107	Anchor Size & Length	ID 2.10" X OD 3.75" 37'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	Derrick Floor	Depth of Tester Valve	3876' Ft.
Initial Hydro Mud Pres.					TYPE AMOUNT		Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.					Cushion	-		
Initial Flow Pres.			1		Recovered	5	Feet of Mud	
Final Flow Pres.			2		Recovered		Feet of	
Final Closed in Pres.			1		Recovered		Feet of	
Final Hydro Mud Pres.			2		Recovered		Feet of	
Depth Bot. Gauge	3923	Ft.	YES	Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity	-
BT. P.R.D. No.	1695		12	Hour Clock	Gas Gravity	-	Surface Pressure	psi
Initial Hydro Mud Pres.					Tool Opened	2:24	Tool Closed	3:59
Initial Closed in Pres.						A.M. P.M.		A.M. P.M.
Initial Flow Pres.			1		Remarks Opened tool for 5 minute 1st flow with vert.			
Final Flow Pres.			2		weak blow. Closed tool for 30 minute initial closed			
Final Closed in Pres.			1		in pressure. Reopened tool for 60 minute 2nd flow			
Final Hydro Mud Pres.			2		with no blow. Closed tool for 30 minute final			
					closed in pressure.			

Legal Location Sec. - Twp. - Rng. SEC. 32 - 3 - 28  
 Lease Name TILDEN  
 Well No. 1  
 Field Area 6  
 WILDCAT  
 County DECATOR  
 STATE KANSAS  
 OILFIELD SERVICE PETROLEUM COMPANY  
 Lease Owner/Company Name  
 Owner's District 32-31

FORMATION TEST DATA

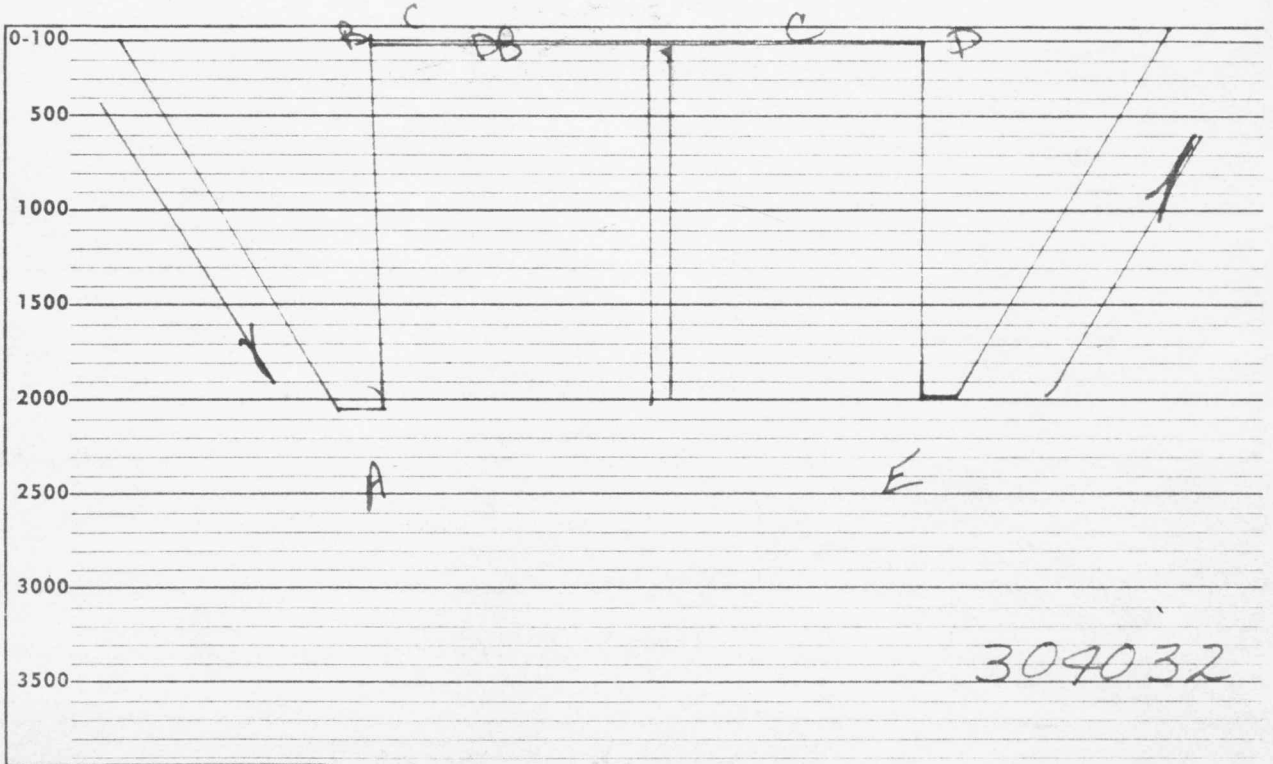
5



304032

PRESSURE

← TIME →



304032

- A—Initial Mud Weight
- B—Initial Flow
- C—Final Flow
- D—Closed In Pressure
- E—Final Mud Weight

HALLIBURTON FORM 1363—LITTLE'S 61742 5M 10/60

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