

Flow Time	1st Min.	2nd Min.	Date	Ticket Number	Legal Location
10	30	8-28-65	365488 - S	Sec. - Typ. - Rng.	KRUPP
Closed In Press. Time	1st Min.	2nd Min.	Kind of Job	Halliburton District	Lease Name
30	30	OPEN HOLE	GREAT BEND	SEC. 26 - 15S - 11W	WILDCAT
Pressure Readings	Field	Office Corrected	Tester	Witness	Well No.
			MR. MOORE	MR. HOWELL	1
Depth Top Gauge	2955 Ft.	NO Blanked Off	Drilling Contractor	IC	Test No.
			RED TIGER DRILLING COMPANY		1
BT. P.R.D. No.	232	12 Hour Clock	Elevation	Top Packer	Field Area
			-	2959'	
Initial Hydro Mud Pressure	1558	1556	Total Depth	Bottom Packer	County
			3017'	2964'	RUSSELL
Initial Closed in Pres.	1061	1054	Interval Tested	Formation Tested	State
			2964'-3017'	KANSAS CITY	KANSAS
Initial Flow Pres.	9	1	Casing or Hole Size	Casing Perfs. } Top	Owner's District
	9	2	7 7/8"		KANSAS
Final Flow Pres.	9	1	Surface Choke	Bottom Choke	
	18	2	1"	3/4"	
Final Closed in Pres.	989	995	Size & Kind Drill Pipe	Drill Collars Above Tester	
			4 1/2" X.H. 4 1/2" F.H.	-	
Final Hydro Mud Pressure	1558	1556	Mud Weight	Mud Viscosity	
			10.2	41	
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	Anchor Size & Length	ID OD
			88		4 1/2" X 53'
BT. P.R.D. No.		Hour Clock	Depths Mea. From	Depth of Tester Valve	Ft.
			KELLY BUSHINGS	3045'	
Initial Hydro Mud Pres.			Cushion	Depth Back Pres. Valve	Ft.
			-	-	
Initial Closed in Pres.			Recovered	Mea. From Tester Valve	
			15 Feet of	Drilling mud	
Initial Flow Pres.			Recovered		
Final Flow Pres.			Recovered		
Final Closed in Pres.			Recovered		
Final Hydro Mud Pres.			Oil A.P.I. Gravity	Water Spec. Gravity	
			-	-	
Depth Bot. Gauge	3013 Ft.	YES Blanked Off	Gas Gravity	Surface Pressure	psi
			-	-	
BT. P.R.D. No.	2112	12 Hour Clock	Tool Opened	Tool Closed	A.M. P.M.
			5:53	7:33	
Initial Hydro Mud Pres.	1600		Remarks		
			Opened tool for 10 minute 1st flow with weak		
Initial Closed in Pres.	1100		blow. Closed tool for 30 minute initial closed in		
Initial Flow Pres.	10	1	pressure. Reopened tool for 30 minute 2nd flow		
Final Flow Pres.	20	1	with very weak blow. Flushed tool and reopened.		
Final Closed in Pres.	1050	2	Closed tool for 30 minute final closed in pressure.		
Final Hydro Mud Pres.	1700				

FORMATION TEST DATA

SPECIAL PRESSURE DATA

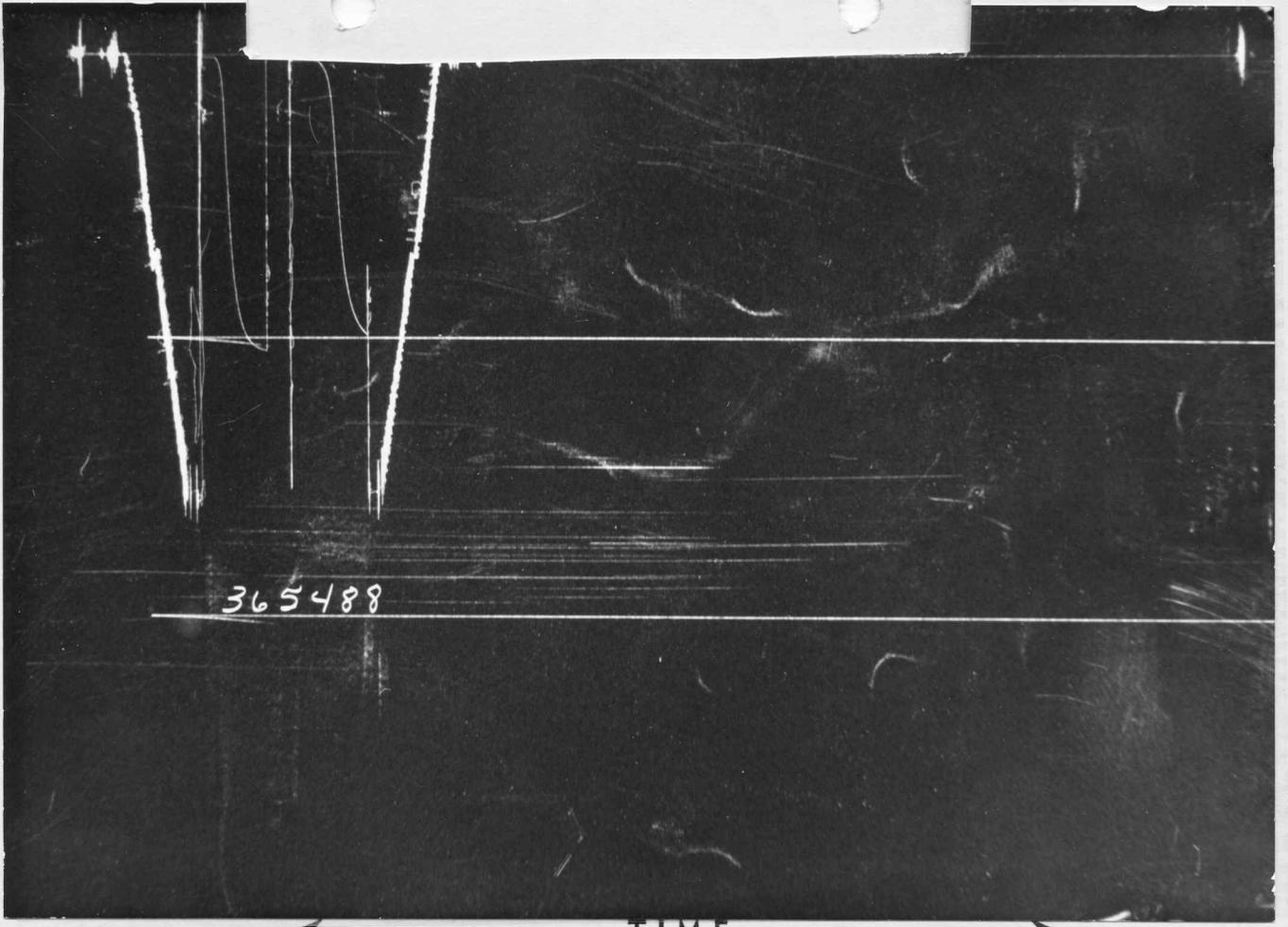
4

Gauge No. 232		Depth 2955'			Clock 12 hour		Ticket No. 365488			
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \bullet}{\bullet}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t + \bullet}{\bullet}$	PSIG Temp. Corr.
P ₀	.000	9	.000		10	.000	17	.000		19
P ₁	.064	10	.0208		51	.202	19	.0202		34
P ₂			.0416		275			.0404		72
P ₃			.0624		630			.0606		178
P ₄			.0832		841			.0808		440
P ₅			.1040		944			.1010		681
P ₆			.1248		998			.1212		817
P ₇			.1456		1025			.1414		900
P ₈			.1664		1040			.1616		947
P ₉			.1872		1049			.1818		976
P ₁₀			.2080		1054			.2020		995

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

SPECIAL PRESSURE DATA

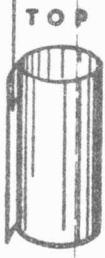
PRESSURE



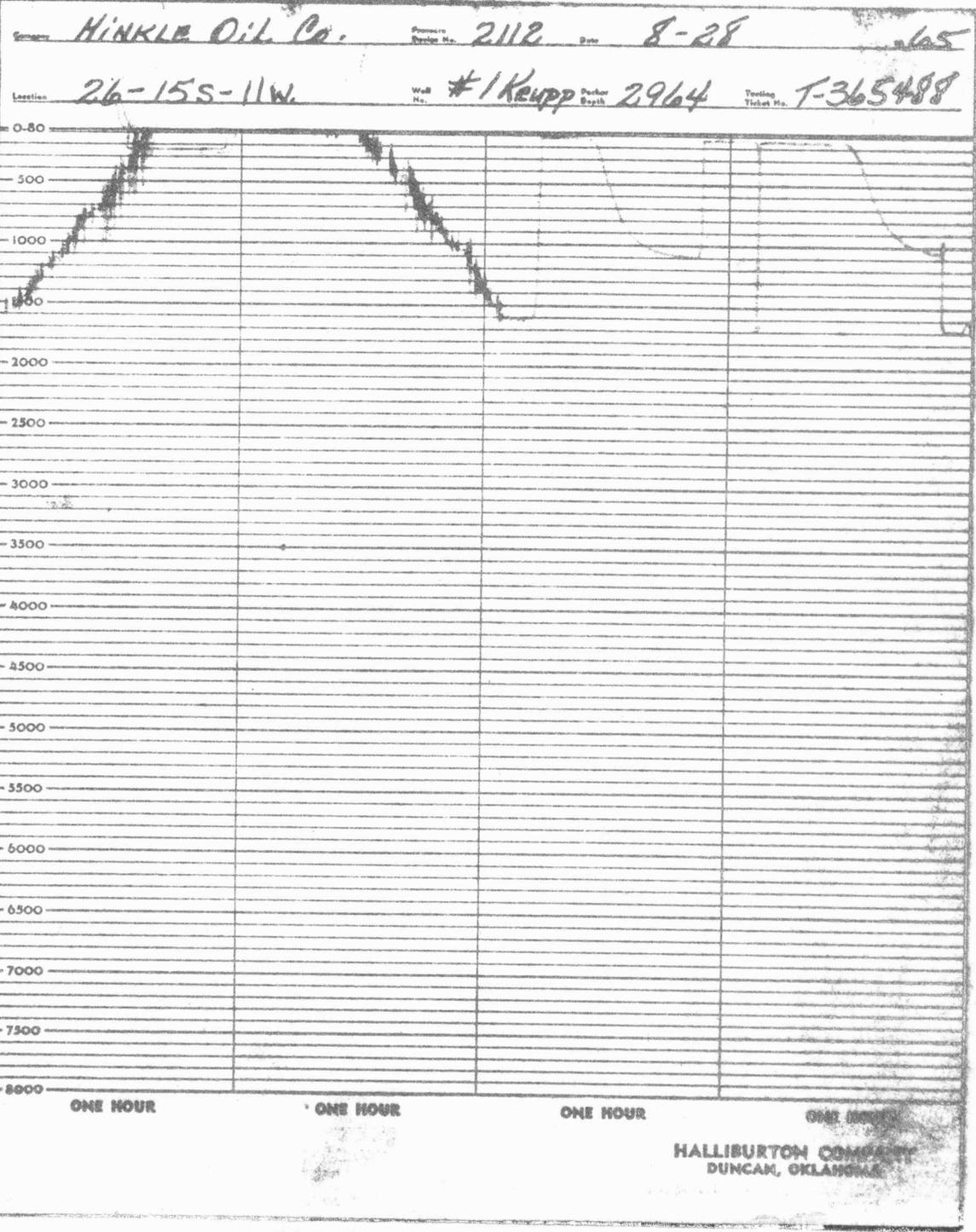
TIME

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

View of chart correctly called with blank space leaping outside.



FORM 605-3722—LITTLE'S GRASS 2/51



Flow Time	1st 10	Min.	2nd 20	Min.	Date	8-30-65	Ticket Number	365489 - S
Closed In Press. Time	1st 30	Min.	2nd 20	Min.	Kind of Job	OPEN HOLE	Halliburton District	GREAT BEND
Pressure Readings	Field		Office Corrected		Tester	MR. MOORE	Witness	MR. HOWELL
Depth Top Gauge	3284	Ft.	NO	Blanked Off	Drilling Contractor	RED TIGER DRILLING COMPANY	IC	
BT. P.R.D. No.	232		12	Hour Clock	Elevation	1817' R.B.	Top Packer	3289'
Initial Hydro Mud Pressure	1784		1744		Total Depth	3310'	Bottom Packer	3294'
Initial Closed in Pres.	971		969		Interval Tested	3294'-3310'	Formation Tested	CONGLOMERATE
Initial Flow Pres.	9	1	8		Casing or Hole Size	7 7/8"	Casing Perfs. { Top	SAND
Final Flow Pres.	9	1	9		Surface Choke	1"	Bottom Choke	3/4"
Final Closed in Pres.	828		817		Size & Kind Drill Pipe	4 1/2" F.H. 4 1/2" X.H.	Drill Collars Above Tester	-
Final Hydro Mud Pressure	1766		1739		Mud Weight	10.1	Mud Viscosity	44
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	92 °F Est. °F Actual	Anchor Size & Length	ID 4 1/2" X 16'
BT. P.R.D. No.				Hour Clock	Depths Mea. From	ROTARY BUSHINGS	Depth of Tester Valve	3278' Ft.
Initial Hydro Mud Pres.					TYPE AMOUNT		Depth Back Pres. Valve	- Ft.
Initial Closed in Pres.					Cushion	-		- Ft.
Initial Flow Pres.		1			Recovered	8	Feet of	Drilling 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	3306	Ft.	YES	Blanked Off	Oil A.P.I. Gravity	-	Water Spec. Gravity	-
BT. P.R.D. No.	2112		12	Hour Clock	Gas Gravity	-	Surface Pressure	- psi
Initial Hydro Mud Pres.	1780				Tool Opened	9:33 AM	A.M. P.M.	Tool Closed 10:53 AM A.M. P.M.
Initial Closed in Pres.	950				Remarks Opened tool for 10 minute 1st flow with very weak blow. Closed tool for 30 minute initial close			
Initial Flow Pres.	10	1			in pressure. Reopened tool for 20 minute 2nd flow			
Final Flow Pres.	10	1			with no blow; flushed tool and reopened with few			
Final Closed in Pres.	810				bubbles and then died. Closed tool for 20 minute			
Final Hydro Mud Pres.	1800				final closed in pressure.			

FORMATION TEST DATA

SPECIAL PRESSURE DATA

Legal Location Sec. - Twp. - Rng. SEC. 26 - 15S - 11W
 Lease Name KRUPP
 Well No. 1
 Test No. 2
 Field Area WILD CAT
 County RUSSELL
 Lease Owner/Company Name HINKLE OIL COMPANY
 Owner's District KANSAS

Gauge No. 232		Depth 3284'			Clock 12 hour		Ticket No. 365489			
First Flow Period		Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure			
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\phi}{\phi}$	PSIG Temp. Corr.
P ₀	.000	8	.000		9	.000	15	.000		14
P ₁	.068	9	.0207		64	.127	14	.0137		114
P ₂			.0414		376			.0274		296
P ₃			.0621		601			.0411		478
P ₄			.0828		760			.0548		580
P ₅			.1035		832			.0685		655
P ₆			.1242		881			.0822		710
P ₇			.1449		908			.0959		747
P ₈			.1656		935			.1096		775
P ₉			.1863		955			.1233		798
P ₁₀			.2070		969			.1370		817

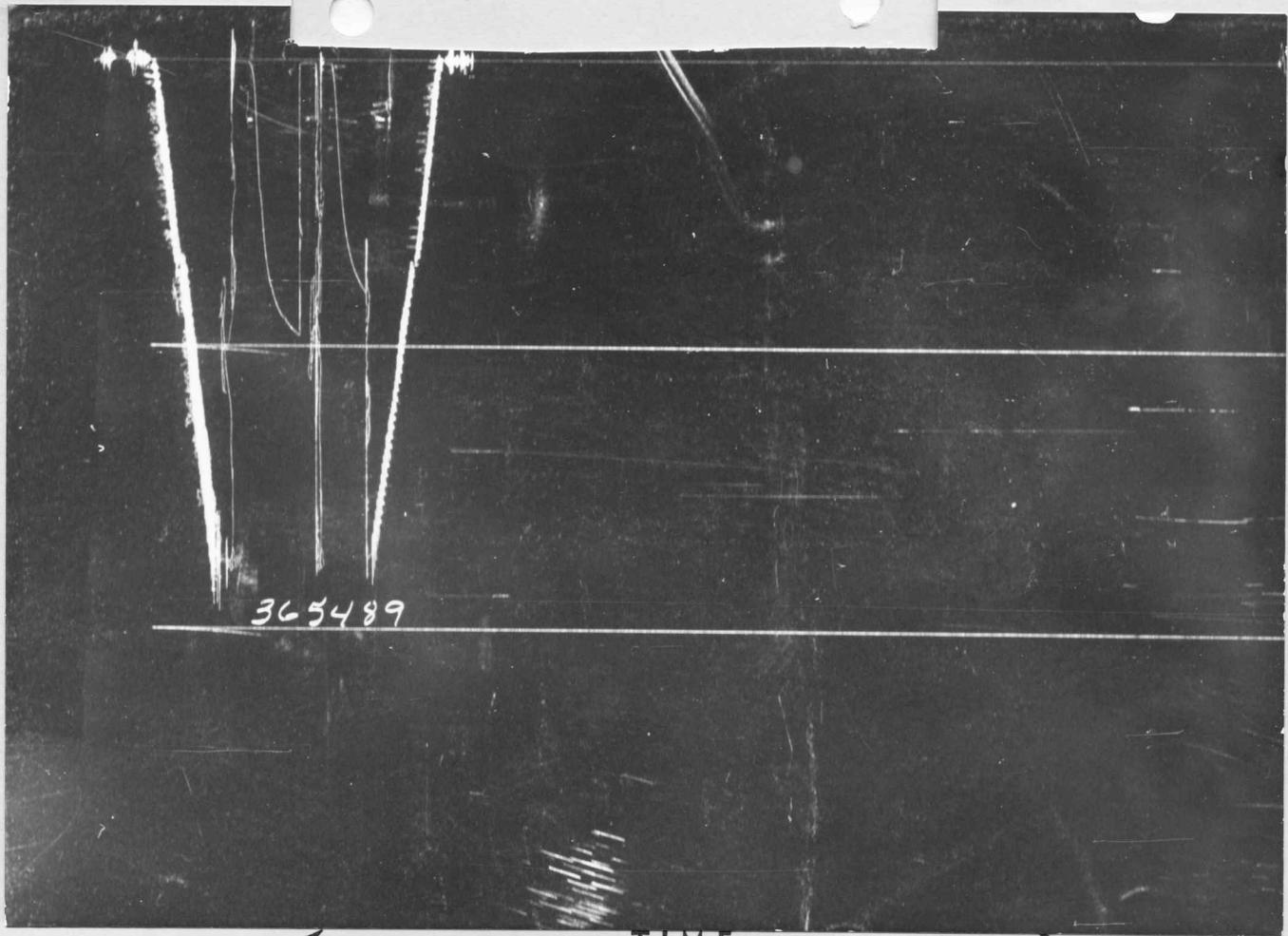
Gauge No.		Depth			Clock		hour		
P ₀									
P ₁									
P ₂									
P ₃									
P ₄									
P ₅									
P ₆									
P ₇									
P ₈									
P ₉									
P ₁₀									

Reading Interval 3 2 Minutes

REMARKS:

SPECIAL PRESSURE DATA

PRESSURE



365489

TIME

WMA & MO

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

Flow Time	1st 10	Min.	2nd 30	Min.	Date	8-30-65	Ticket Number	365490 - S	
Closed In Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	OPEN HOLE	Halliburton District	GREAT BEND	
Pressure Readings	Field			Office Corrected		Tester	MR. MOORE	Witness	MR. HOWELL
Depth Top Gauge	3287	Ft.	NO	Blanked Off	Drilling Contractor	RED TIGER DRILLING COMPANY	IC		
BT. P.R.D. No.	232		12	Hour Clock	Elevation	1817' K.B.	Top Packer	3292'	
Initial Hydro Mud Pressure	1766		1746		Total Depth	3326'	Bottom Packer	3297'	
Initial Closed in Pres.	935		935		Interval Tested	3297'-3326'	Formation Tested	CONGLOMERATE	
Initial Flow Pres.	9	1	11		Casing or Hole Size	7 7/8"	Casing Perfs. } Top	SAND	
Final Flow Pres.	18	1	11		Surface Choke	1"	Casing Perfs. } Bot.	-	
Final Closed in Pres.	792		773		Size & Kind Drill Pipe	4 1/2" X.H. 4 1/2" F.H.	Bottom Choke	3/4"	
Final Hydro Mud Pressure	1712		1743		Mud Weight	10	Mud Viscosity	40	
Depth Cen. Gauge		Ft.		Blanked Off	Temperature	92	Anchor Size & Length	1 1/2" X 29'	
BT. P.R.D. No.				Hour Clock	Depths Mea. From	KELLY BUSHINGS	Depth of Tester Valve	3281' Ft.	
Initial Hydro Mud Pres.					Cushion	-	Depth Back Pres. Valve	- Ft.	
Initial Closed in Pres.					Recovered	10 Feet of	Drilling mud		
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	3322	Ft.	YES	Blanked Off	Gas Gravity	-	Surface Pressure	- psi	
BT. P.R.D. No.	2112		12	Hour Clock	Tool Opened	7:28 A.M.	Tool Closed	9:08 A.M.	
Initial Hydro Mud Pres.	1820				Remarks	Opened tool for 10 minute 1st flow with very weak blow. Closed tool for 30 minute initial closed in pressure. Reopened tool for 30 minute 2nd flow with very weak to no blow. Flushed tool and reopened with few bubbles and then died. Closed tool for 30 minute final closed in pressure.			
Initial Closed in Pres.	950								
Initial Flow Pres.	10	1							
Final Flow Pres.	20	1							
Final Closed in Pres.	800								
Final Hydro Mud Pres.	1890								

KRUPP
 Lease Name
 SEC. 26 - 15S - 11W
 Well No. 1
 Test No. 3
 Field Area
 WILDCAT
 County
 RUSSELL
 STATE
 KANSAS
 HINKLE OIL COMPANY
 Lease Owner/Company Name
 Owner's District

FORMATION TEST DATA

SPECIAL PRESSURE DATA

4

Gauge No. 232		Depth 3287'			Clock 12 hour		Ticket No. 365490			
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	11	.000		11	.000	14	.000		14
P ₁	.060	11	.0206		127	.201	14	.0199		70
P ₂			.0412		417			.0398		243
P ₃			.0618		567			.0597		414
P ₄			.0824		698			.0796		523
P ₅			.1030		776			.0995		597
P ₆			.1236		827			.1194		653
P ₇			.1442		865			.1393		693
P ₈			.1648		896			.1592		726
P ₉			.1854		920			.1791		752
P ₁₀			.2060		935			.1990		773

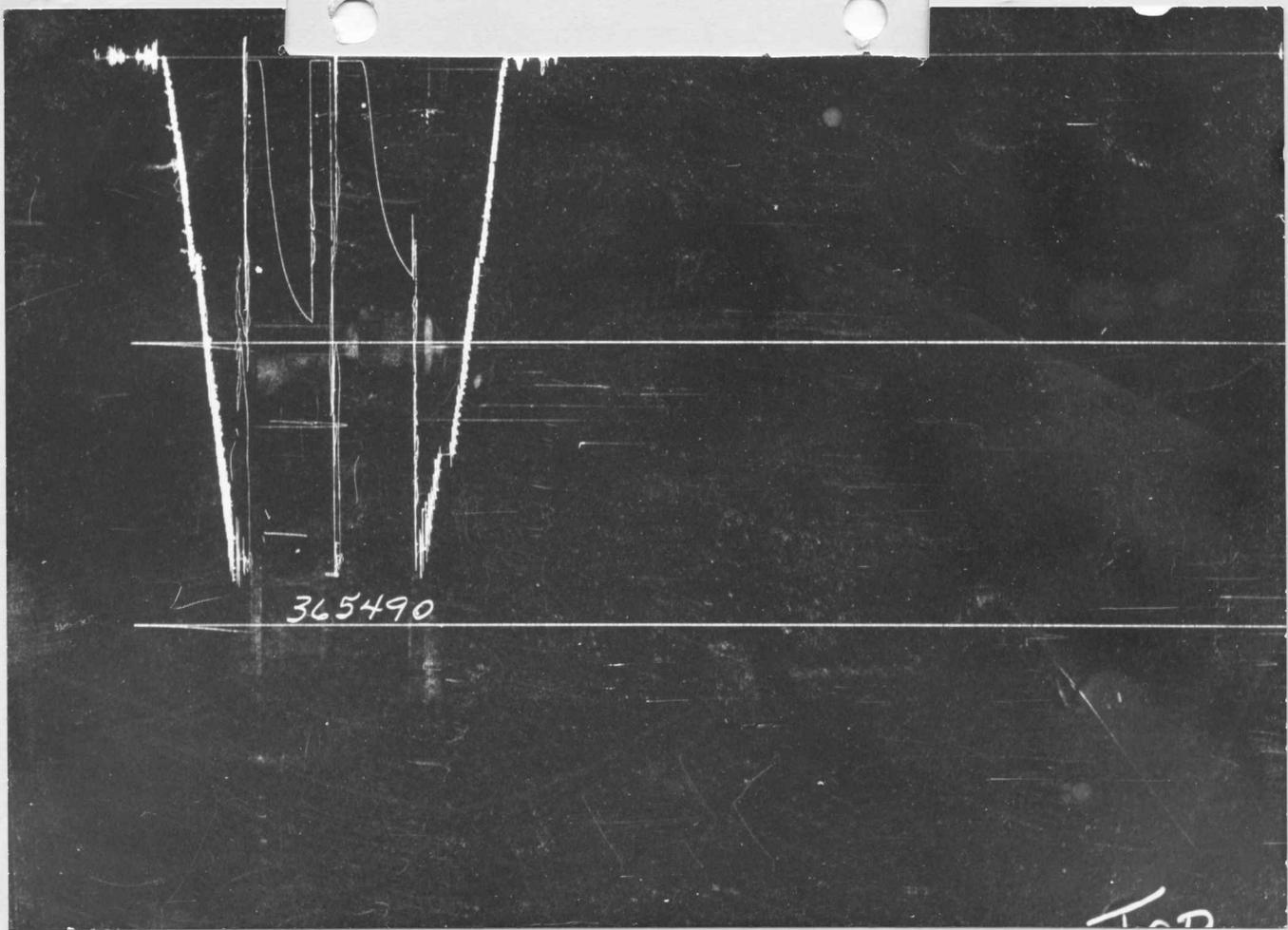
Gauge No.		Depth			Clock		hour		
P ₀									
P ₁									
P ₂									
P ₃									
P ₄									
P ₅									
P ₆									
P ₇									
P ₈									
P ₉									
P ₁₀									

Reading Interval 3 3 Minutes

REMARKS:

SPECIAL PRESSURE DATA

PRESSURE



TIME

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

Flow Time	1st 10 Min.	2nd 30 Min.	Date	8-31-65	Ticket Number	365491 S
Closed In Press. Time	1st 30 Min.	2nd 30 Min.	Kind of Job	OPEN HOLE	Halliburton District	GREAT BEND
Pressure Readings	Field	Office Corrected	Tester	LARRY MOORE	Witness	ORVIE HOWELL
Depth Top Gauge	3325 Ft.	Blanked Off NO	Drilling Contractor	RED TIGER DRILLING		ZT
BT. P.R.D. No.	232	12 Hour Clock	Elevation	1817' KB	Top Packer	3330'
Initial Hydro Mud Pressure	1730		Total Depth	3341'	Bottom Packer	3335'
Initial Closed in Pres.	1079		Interval Tested	3335-3341'	Formation Tested	ARBUCKLE
Initial Flow Pres.	9	1	6	Casing or Hole Size 7 7/8"	Casing Perfs. } Top - Bot. -	
	9	2	14			
Final Flow Pres.	9	1	9	Surface Choke	1"	Bottom Choke 3/4"
Final Closed in Pres.	971		957	Size & Kind Drill Pipe	4 1/2" FH & 4 1/2" Ex. H	Drill Collars Above Tester None
Final Hydro Mud Pressure	1712		1763	Mud Weight	10.1	Mud Viscosity 40
Depth Cen. Gauge	-	Ft.	-	Temperature	93 °F Est.	Anchor Size & Length ID - OD 4 1/2" X 6'
BT. P.R.D. No.			Hour Clock	Depths Mea. From	KELLY BUSHING	Depth of Tester Valve 3318 Ft.
Initial Hydro Mud Pres.				TYPE	AMOUNT	
Initial Closed in Pres.				Cushion	None	Depth Back Pres. Valve - Ft.
Initial Flow Pres.		1		Recovered	7	Feet of Drilling 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		Ft.		Oil A.P.I. Gravity	-	Water Spec. Gravity -
BT. P.R.D. No.			Hour Clock	Gas Gravity	-	Surface Pressure - psi
Initial Hydro Mud Pres.				Tool Opened	6:40	A.M. Tool Closed 7:50 P.M.
Initial Closed in Pres.				Remarks Opened tool with a very weak blow. Closed in at 6:50 for a 30 minute Initial Closed in Pres.		
Initial Flow Pres.		1		Reopened tool at 7:20 with a very weak blow to no		
Final Flow Pres.		2		blow. Flushed tool. Closed in at 7:50 for a 30		
Final Closed in Pres.		1		minute Final Closed in Pressure.		
Final Hydro Mud Pres.		2				

KRUPP
 Lease Name
 26-15S-11W/NE SE SE
 Well No.
 1
 Test No.
 4
 Area
 WILDCAT
 County
 RUSSELL
 State
 KANSAS
 Owner's District
 HINKLE OIL COMPANY
 Lease Owner/Company Name

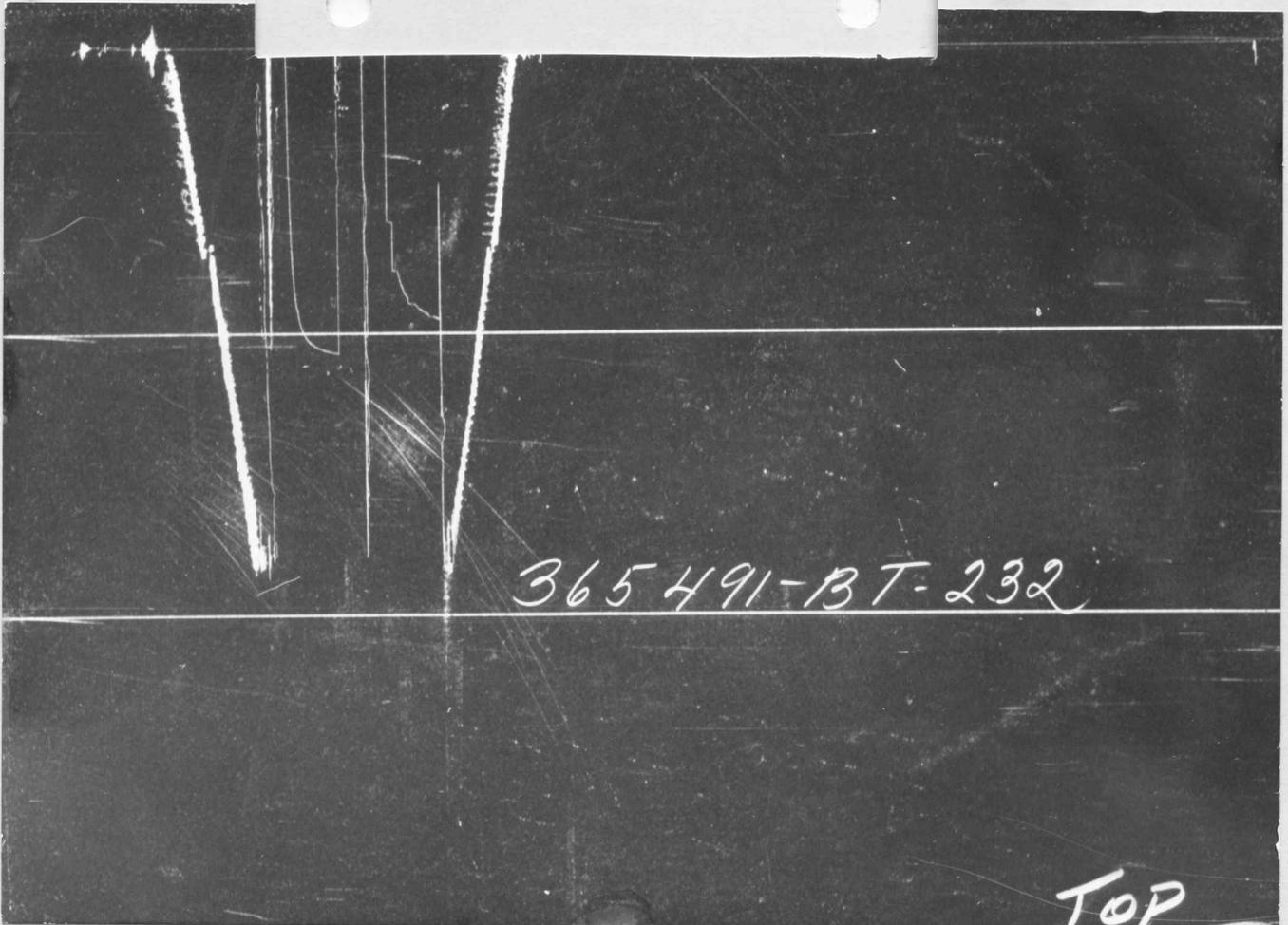
FORMATION TEST DATA
SPECIAL PRESSURE DATA

Gauge No. 232		Depth 3325'			Clock 12 hour		Ticket No. 365491			
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	6	.000		9	.000	14	.000		16
P ₁	.0134	7	.0206		636	.0386	12	.021		618
P ₂	.0268	8	.0412		917	.0772	12	.042		786
P ₃	.0402	8	.0618		993	.1158	15	.063		843
P ₄	.0536	8	.0824		1028	.1544	15	.084		882
P ₅	.0670	9	.1030		1047	.1930	16	.105		904
P ₆			.1236		1059			.126		917
P ₇			.1442		1066			.147		931
P ₈			.1648		1071			.168		946
P ₉			.1854		1075			.189		950
P ₁₀			.2060		1079			.210		957

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

SPECIAL PRESSURE DATA

PRESSURE



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