

31-235-15w

Flow Time	1st Min. 7	2nd Min. 60	Date	12-15-64	Ticket Number	423349 - S
Closed in Press. Time	1st Min. 30	2nd Min. 30	Kind of Job	OPEN HOLE	Halliburton District	GREAT BEND
Pressure Readings	Field	Office Corrected	Tester	MR. WALKER	Witness	MR. GOODWIN
Depth Top Gauge	3000 Ft.	NO Blanked Off	Drilling Contractor	K & E DRILLING COMPANY	IC	
BT. P.R.D. No.	1462	12 Hour Clock	Elevation	-	Top Packer	3009'
Initial Hydro Mud Pressure	1653	1655	Total Depth	3030'	Bottom Packer	3014'
Initial Closed in Pres.	824	815	Interval Tested	3014'-3030'	Formation Tested	HOWARD
Initial Flow Pres.	72 1 64	125 2 133	Casing or Hole Size	7 7/8"	Casing Perfs. Top Bot.	-
Final Flow Pres.	107 1 103	197 2 175	Surface Choke	1"	Bottom Choke	3/4"
Final Closed in Pres.	788	798	Size & Kind Drill Pipe	4 1/2" F.H.	Drill Collars Above Tester	-
Final Hydro Mud Pressure	1635	1643	Mud Weight	10	Mud Viscosity	45
Depth Cen. Gauge	Ft.	Blanked Off	Temperature	99 °F Est. °F Actual	Anchor Size & Length	ID 2 3/8" OD 4 1/2" X 16'
BT. P.R.D. No.		Hour Clock	Depths Meas. From	DERRICK FLOOR	Depth of Tester Valve	" Ft.
Initial Hydro Mud Pres.			TYPE AMOUNT		Depth Back Pres. Valve	" Ft.
Initial Closed in Pres.			Cushion	- Ft.		
Initial Flow Pres.	1		Recovered	30 Feet of	Gas with mud	
Final Flow Pres.	2		Recovered	Feet of	2,225,000 CF OF GAS	
Final Flow Pres.	1		Recovered	Feet of		
Final Closed in Pres.	2		Recovered	Feet of		
Final Hydro Mud Pres.			Oil A.P.I. Gravity	-	Water Spec. Gravity	-
Depth Bot. Gauge	3026 Ft.	YES Blanked Off	Gas Gravity	-	Surface Pressure	- psi
BT. P.R.D. No.	232	12 Hour Clock	Tool Opened	4:51 A.M. P.M.	Tool Closed	6:53 A.M. P.M.
Initial Hydro Mud Pres.	1606	1672	Remarks	Opened tool for 7 minute 1st flow with a		
Initial Closed in Pres.	812	818		good blow; gas to surface in 2 minutes. Closed		
Initial Flow Pres.	108 1 116	145 2 145		tool for 30 minute initial closed in pressure. Re-		
Final Flow Pres.	145 1 176	199 2 193		opened tool for 60 minute 2nd flow with good blow		
Final Closed in Pres.	494	799		increasing to 1,250,000 CF of gas. Closed tool		
Final Hydro Mud Pres.	1588	1655		for 30 minute final closed in pressure.		

FORMATION TEST DATA

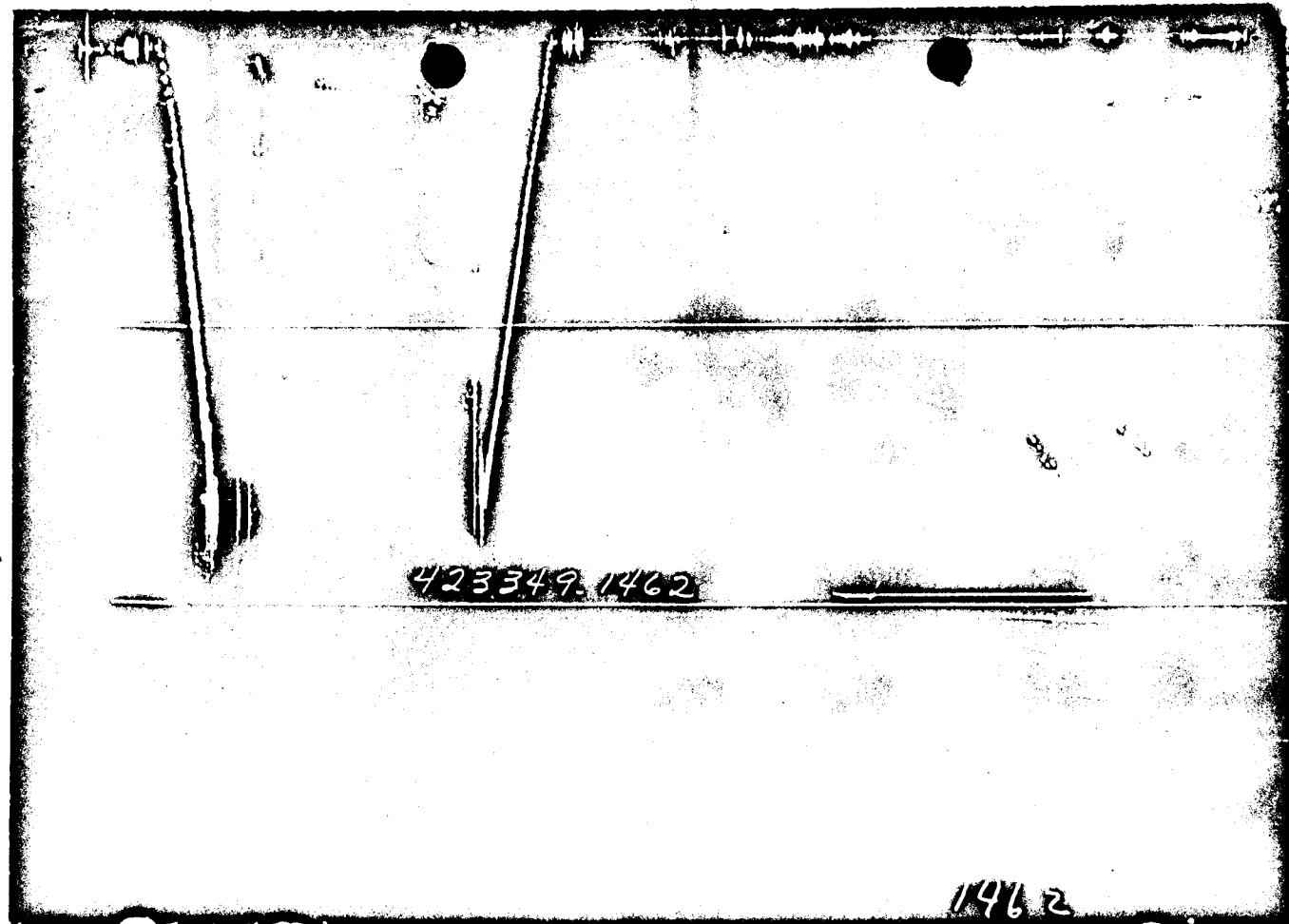
CAND ESTATE
 Lease Name
 SEC. 30 - 23 - 15W
 Well No. 31
 Test No. 1
 FIELD AREA
 MOCKSVILLE
 County
 PAWNEE
 State
 KANSAS
 Owner's District
 THOMAS H. ALAN
 Lease Owner/Company Name

Gauge No. 1462			Depth 3000'			Clock 12 hour		Ticket No. 423349		
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	64	.000		103	.000	133	.000		175
P ₁	.028	103	.0216		807	.1008	156	.0216		758
P ₂			.0432		811	.2016	169	.0432		772
P ₃			.0648		813	.3024	172	.0648		780
P ₄	PLUGGING		.0864		814	.4030	175	.0864		785
P ₅			.1080		815			.1080		789
P ₆			.1296		815			.1296		791
P ₇			.1512		815			.1512		793
P ₈			.1728		815			.1728		795
P ₉			.1944		815			.1944		796
P ₁₀			.2160		815			.2160		798

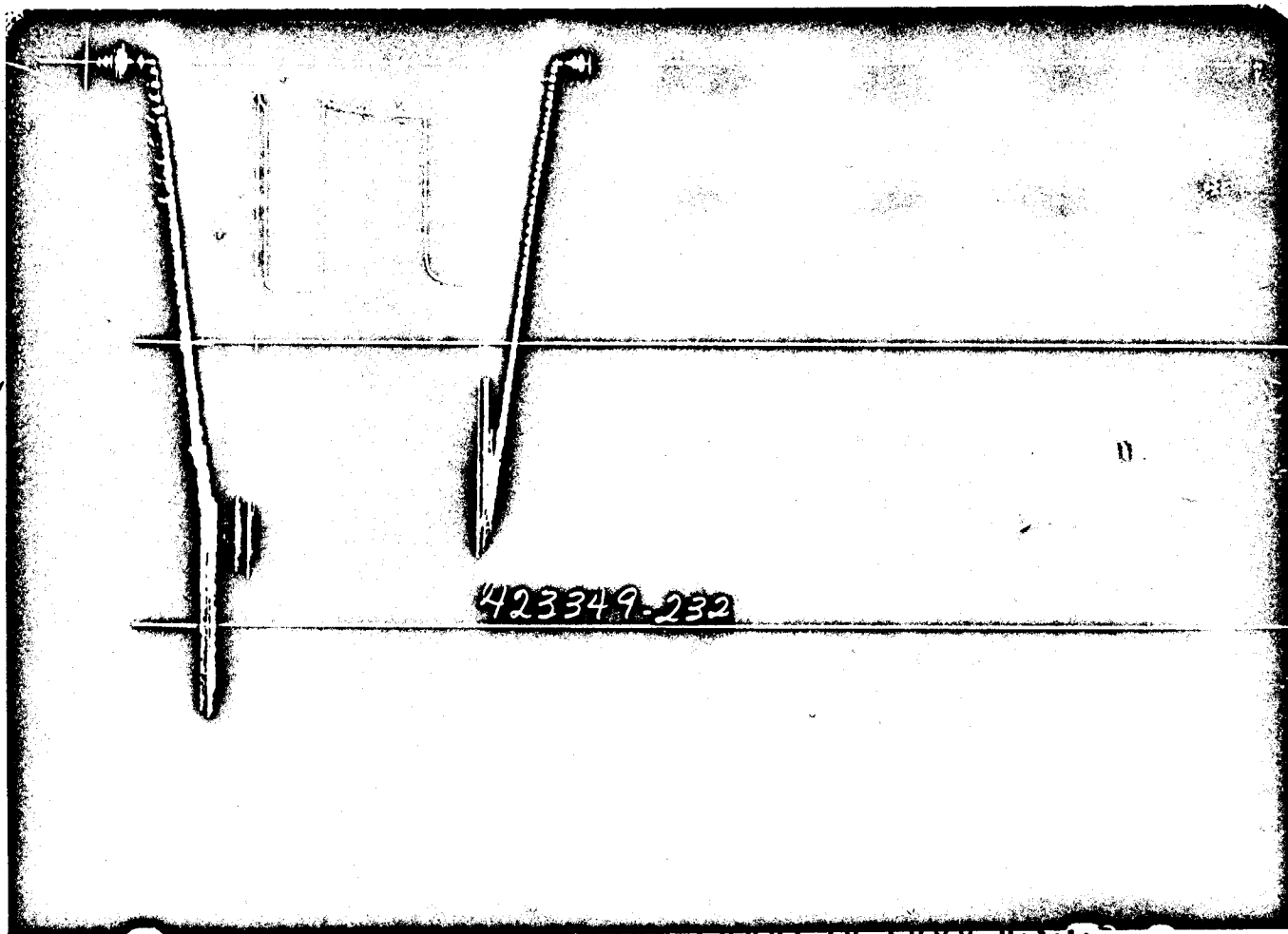
Gauge No. 232			Depth 3026'			Clock 12		hour			
P ₀	.000	116	.000		176	.000	145	.000		193	
P ₁	.0058	138	.0229		808	.1013	170	.0223		750	
P ₂	.0116	148	.0458		815	.2026	186	.0446		771	
P ₃	.0174	152	.0687		817	.3039	189	.0669		781	
P ₄	.0232	166	.0916		817	.4050	193	.0892		787	
P ₅	.0290	176	.1145		818			.1115		790	
P ₆			.1374		818			.1338		793	
P ₇			.1603		818			.1561		795	
P ₈			.1832		818			.1784		797	
P ₉			.2061		818			.2007		799	
P ₁₀			.2290		818			.2230		799	
Reading Interval *			3			15		3			Minutes
REMARKS: * TIME NOT RIGHT											

SPECIAL PRESSURE DATA

↑
PRESSURE
↓



← TIME →



Each horizontal line equals 1000 p.s.i.