

15-147-00293-0001

TIGHT HOLE

23-265-18w

Flow Time	1st 12	Min.	2nd 38	Min.	Date	9-13-64	Ticket Number	423068	S
Closed In Press. Time	1st 30	Min.	2nd 30	Min.	Kind of Job	STRADDIE OPEN HOLE	Halliburton District	PRAIT	
Pressure Readings	Field		Office Corrected		Tester	L.J. CLINE	Witness	J. THOMPSON	
Depth Top Gauge	3172	Ft.	no	Blanked Off	Drilling Contractor	COMPANY TOOLS	LC		
BT. P.R.D. No.	326		12	Hour Clock	Elevation	2167' KB	Top Packer	3170'	
Initial Hydro Mud Pressure	1730		1735		Total Depth	3448'	Bottom Packer	3290'	
Initial Closed in Pres.	1106		1111		Interval Tested	3170' - 3290' (20')	Formation Tested	Tarkio Sand	
Initial Flow Pres.	628	1	640*		Casing on Hole Size	7 7/8"	Casing Perfs.	Top Bot.	
Final Flow Pres.	654	1	817		Surface Choke	1"	Bottom Choke	3/4"	
Final Closed in Pres.	1097		1114		Size & Kind Drill Pipe	4 1/2" FH	Drill Callers Above Tester	I.D. - LENGTH 2 1/4" - 30'	
Final Hydro Mud Pressure	1712		1713		Mud Weight	9.8	Mud Viscosity	48	
Depth Cen. Gauge	3284	Ft.	yes	Blanked Off	Temperature	110	Anchor Size & Length	ID 3.87" OD 5" X 120'	
BT. P.R.D. No.	1717		12	Hour Clock	Depths Mea. From	Kelly Bushing	Depth of Tester Valve	3153	Ft.
Initial Hydro Mud Pres.	1805		1797		TYPE AMOUNT		Depth Back Pres. Valve	--	Ft.
Initial Closed in Pres.	1152		1156		Cushion	none			
Initial Flow Pres.	819	1	828		Recovered	75	Feet of gas cut drilling mud.		
Final Flow Pres.	904	2	693		Recovered		Feet of TIGHT HOLE		
Final Closed in Pres.	1143		1148		Recovered		Feet of		
Initial Flow Pres.	691	1	911		Recovered		Feet of		
Final Flow Pres.	923	2	925		Recovered		Feet of		
Initial Hydro Mud Pres.	1788		1777		Oil A.P.I. Gravity		Water Spec. Gravity		
Depth Bot. Gauge	3302	Ft.	yes	Blanked Off	Gas Gravity	2	Surface Pressure	105	psi
BT. P.R.D. No.	231		12	Hour Clock	Tool Opened	9:30	A.M. P.M. Tool Closed	11:19	A.M. P.M.
Initial Hydro Mud Pres.	1710		1804		TIGHT HOLE				
Initial Closed in Pres.	1434				Remarks Tool opened for a 12 minute first flow. Closed tool for a 30 minute initial closed in pressure.				
Initial Flow Pres.	HYDROSTATIC				Reopened tool for a 38 minute second flow with gas				
Final Flow Pres.	RELEASE 2				to surface in 1 1/4 minutes. Gauge in 5 min. @ 3600				
Final Closed in Pres.	1238		1315		MCF. Spray of drilling mud in 7 min. Gauge in 15 minutes @ 6200 MCF 20 min. @ 6500 MCF. 35 min. @				
Final Hydro Mud Pres.	1702		1784		6640 MCF. Closed tool for a 30 minute final closed in pressure. * QUESTIONABLE				

FORMATION TEST DATA

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BRODERICK

Lease Name

Well No.

Test No.

WESTERN PETROLEUM COMPANY

Lease Owner/Company Name

County

EDWARDS

State

KANSAS

GREAT BEND

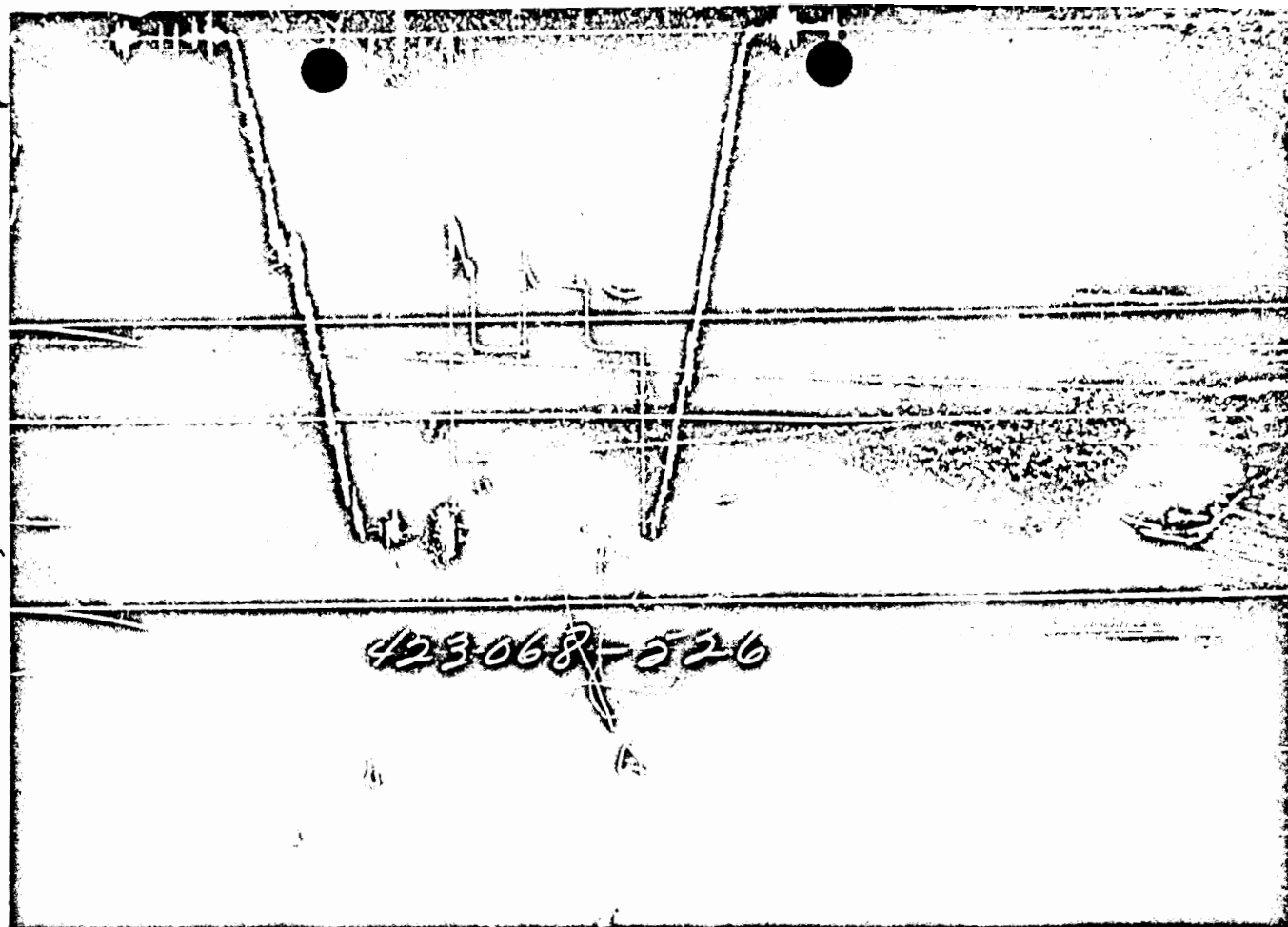
Owner's District

Gauge No. 526			Depth 3172'			Clock 12 hour			Ticket No. 423068		
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	640*	.000		817	.000	654		.000		895
P ₁	.083	817	.0205		1102	.0642	880		.0213		1097
P ₂			.0410		1107	.1284	877		.0426		1105
P ₃			.0615		1109	.1926	885		.0639		1108
P ₄			.0820		1109	.2440	895**		.0832		1109
P ₅			.1025		1110				.1065		1111
P ₆			.1230		1111				.1278		1112
P ₇			.1435		1111				.1491		1113
P ₈			.1640		1111				.1704		1113
P ₉			.1845		1111				.1917		1114
P ₁₀			.2050		1111				.2130		1114

Gauge No.			1717			Depth			3284'			Clock			12			hour		
P ₀	.000	828	.000		911	.000	693	.000		925										
P ₁	.0205	832	.0198		1146	.0639	916	.0218		1132										
P ₂	.0410	864	.0396		1152	.1278	911	.0436		1140										
P ₃	.0615	903	.0594		1152	.1917	917	.0654		1143										
P ₄	.0820	911	.0792		1154	.2430	925**	.0872		1145										
P ₅			.0990		1154			.1090		1146										
P ₆			.1188		1155			.1308		1146										
P ₇			.1386		1155			.1526		1147										
P ₈			.1584		1156			.1744		1148										
P ₉			.1782		1156			.1962		1148										
P ₁₀			.1980		1156			.2180		1148										
Reading Interval			3			3			10			3			Minutes					
REMARKS: * Questionable ** Last interval equal to 8 minutes																				

SPECIAL PRESSURE DATA

PRESSURE



TIME

PRESSURE

