

FLUID SAMPLER DATA		Date	6-2-70	Ticket Number	301115
Sampler Pressure _____ P.S.I.G. at Surface	Recovery: Cu. Ft. Gas _____	Kind of Job	OPEN HOLE	Halliburton District	WINFIELD
cc. Oil _____	cc. Water _____	Tester	MR. DURHAM	Witness	MR. ROACH
cc. Mud _____	Tot. Liquid cc. _____	Drilling Contractor	WHITE AND ELLIS	DR	S
Gravity _____ ° API @ _____ ° F.	Gas/Oil Ratio _____ cu. ft./bbl.	EQUIPMENT & HOLE DATA			
	RESISTIVITY	CHLORIDE CONTENT	Formation Tested	Mississippi	
Recovery Water _____ @ _____ ° F. _____ ppm			Elevation	1276'	KB
Recovery Mud _____ @ _____ ° F.			Net Productive Interval	9'	
Recovery Mud Filtrate _____ @ _____ ° F. _____ ppm			All Depths Measured From	Kelly Bushing	
Mud Pit Sample _____ @ _____ ° F.			Total Depth	2855'	
Mud Pit Sample Filtrate _____ @ _____ ° F. _____ ppm			Main Hole/Casing Size	7 7/8"	
Mud Weight _____ @ 9.3 vis 37 cp			Drill Collar Length	173'	I.D. 2 1/4"
			Drill Pipe Length	2642'	I.D. 3.826"
			Packer Depth(s)	2846'	
			Depth Tester Valve	2836'	

TYPE	AMOUNT	Depth Back Pres. Valve	DCIP VALVES	Surface Choke	Bottom Choke
Cushion		Ft.	2832'	1/4"	3/4"

Recovered	7	Feet of	drilling mud with trace of oil
Recovered	60	Feet of	watery mud
Recovered	120	Feet of	salt water
Recovered		Feet of	
Recovered		Feet of	

Remarks Opened tool for 30 minute first flow with a fair blow. Closed tool for 30 minute first closed in pressure. Reopened tool for 59 minute second flow with a fair blow. Closed tool for 46 minute second closed in pressure.

TEMPERATURE	Gauge No. 737		Gauge No. 397		Gauge No.		TIME	
	Depth:	2840	Ft.	Depth:	2851	Ft.	Depth:	Ft.
Est. 103 °F.	12 Hour Clock		12 Hour Clock		Hour Clock		Tool	10:30 A.M.
	Blanked Off No		Blanked Off Yes		Blanked Off		Opened	11:30 P.M.
Actual °F.	Pressures		Pressures		Pressures		Tool	11:00 A.M.
	Field	Office	Field	Office	Field	Office	Closed	12:30 P.M.
Initial Hydrostatic		1407		1412			Reported	Computed
							Minutes	Minutes
First Period	Flow Initial	8		12				
	Flow Final	40		44			30	30
	Closed in	1101		1105			30	30
Second Period	Flow Initial	46		52				
	Flow Final	89		93			60	59
	Closed in	1095		1100			45	46
Third Period	Flow Initial							
	Flow Final							
	Closed in							
Final Hydrostatic		1383		1389				

Legal Location Sec. - Twp. - Rng. NW/NW/SW 32-29S-5E
 Lease Name
 Well No. 1
 Test No. 1
 Field Area
 Tested Interval
 County
 BUTLER
 State
 KANSAS
 Lease Owner/Company Name
 2040 - 2000
 2040 - 2000

Gauge No.		737		Depth		2840'		Clock No. -		301115		Ticket No.		12 hour	
First Flow Period		Closed In Pressure		Second Flow Period		Closed In Pressure		Third Flow Period		Closed In Pressure		Third Flow Period		Closed In Pressure	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0	.000	.000	40	.000	46	.000	89	.000		.000		.000		.000	
1	.0352	.0206	940	.0695	51	.0355	966	.0355		.0355		.0355		.0355	
2	.0704	.0412	1014	.1390	61	.0710	1024	.0710		.0710		.0710		.0710	
3	.1056	.0618	1042	.2085	69	.1065	1048	.1065		.1065		.1065		.1065	
4	.1408	.0824	1060	.2780	77	.1420	1062	.1420		.1420		.1420		.1420	
5	.1760	.1030	1072	.3475	85	.1775	1073	.1775		.1775		.1775		.1775	
6	.2110	.1236	1080	.4100	89*	.2130	1080	.2130		.2130		.2130		.2130	
7		.1442	1087			.2485	1087	.2485		.2485		.2485		.2485	
8		.1648	1093			.2840	1091	.2840		.2840		.2840		.2840	
9		.1854	1098			.3270	1095**	.3270		.3270		.3270		.3270	
10		.2060	1101												
11															
12															
13															
14															
15															

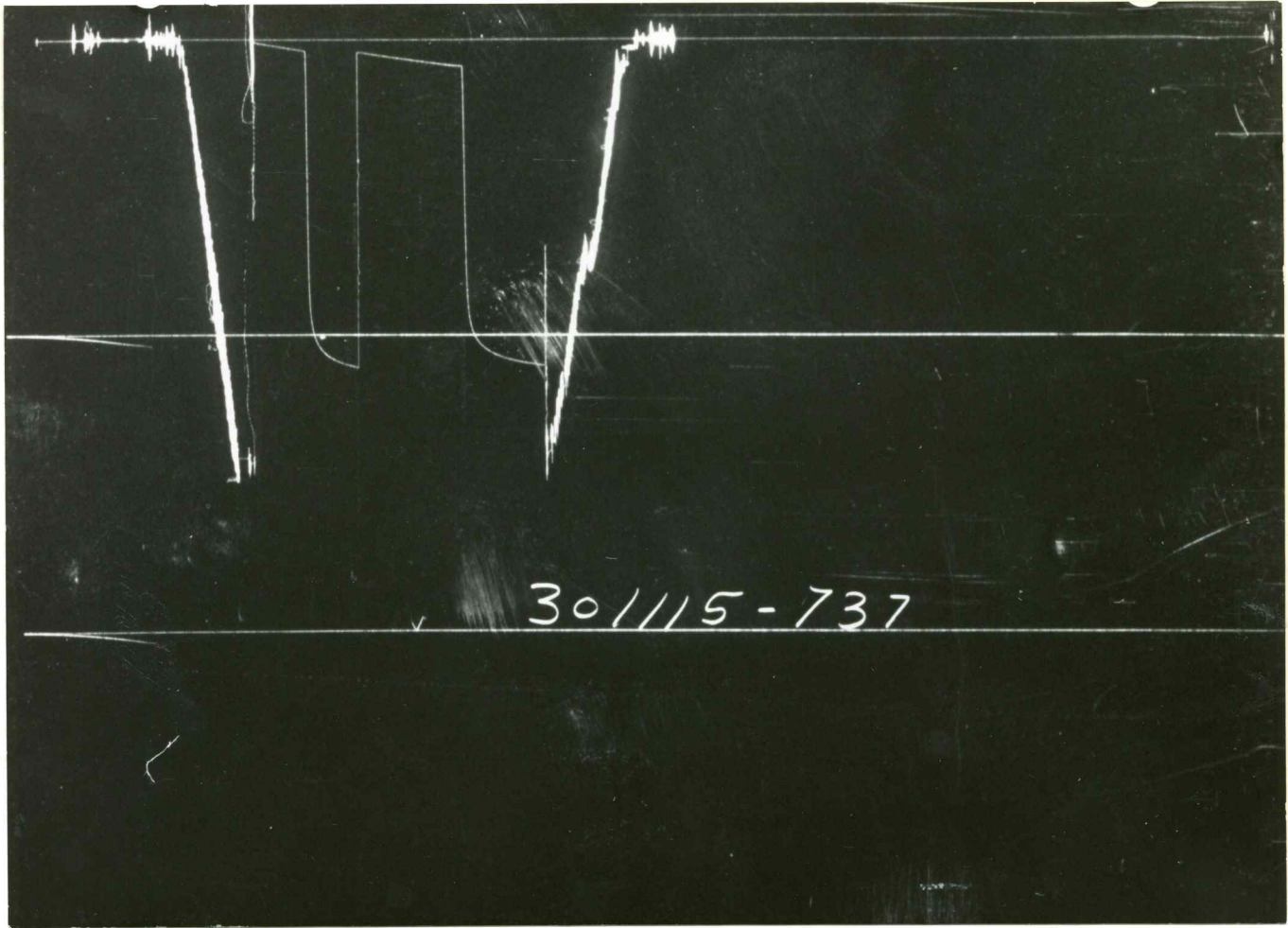
Gauge No.		397		Depth		2851'		Clock No. -		hour		12	
First Flow Period		Closed In Pressure		Second Flow Period		Closed In Pressure		Third Flow Period		Closed In Pressure		Third Flow Period	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0	.000	.000	44	.000	52	.000	93	.000		.000		.000	
1	.0333	.0201	937	.0681	56	.0346	973	.0346		.0346		.0346	
2	.0666	.0402	1010	.1362	65	.0692	1029	.0692		.0692		.0692	
3	.0999	.0603	1043	.2043	73	.1038	1052	.1038		.1038		.1038	
4	.1332	.0804	1063	.2724	81	.1384	1067	.1384		.1384		.1384	
5	.1665	.1005	1075	.3405	89	.1730	1078	.1730		.1730		.1730	
6	.2000	.1206	1085	.4020	93*	.2076	1085	.2076		.2076		.2076	
7		.1407	1092			.2422	1091	.2422		.2422		.2422	
8		.1608	1098			.2768	1097	.2768		.2768		.2768	
9		.1809	1102			.3180	1100**	.3180		.3180		.3180	
10		.2010	1105										
11													
12													
13													
14													
15													

Reading Interval	5	3	10	5
Minutes				

REMARKS: * Last interval equal to 9 minutes **=6 minutes.



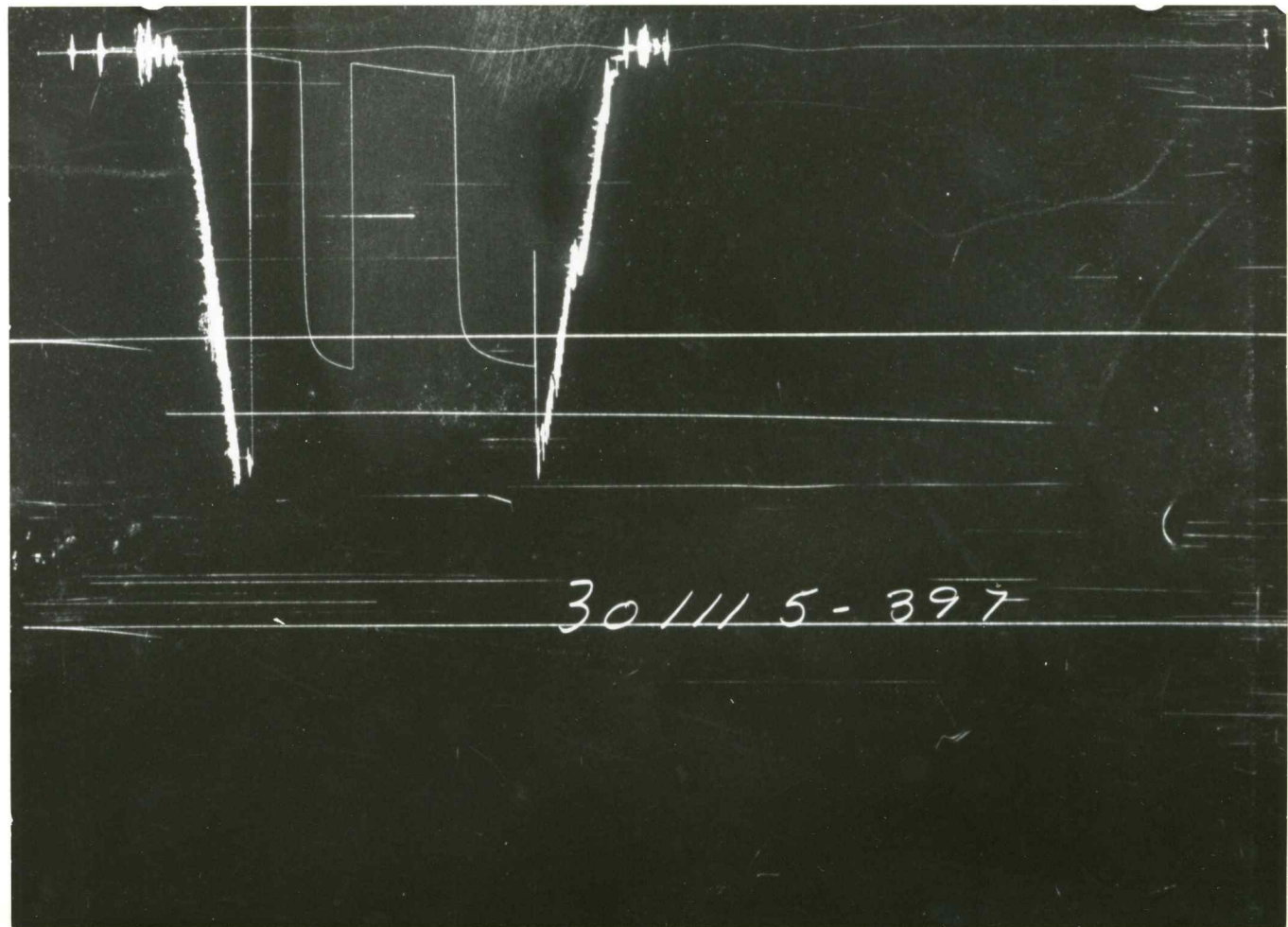
	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub	5 3/4"	2 3/4"	1'	
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	2642'	
Drill Collars	6"	2 1/4"	173'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	3/4"	4'	
Dual CIP Sampler				
Hydro-Spring Tester	5"	3/4"	4'	2836'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2 1/4"	4'	2840'
Hydraulic Jar				
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	2 1/4"	4'	2846'
Distributor				
Packer Assembly				
Flush Joint Anchor	5"	2 1/4"	5'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case	5"	2 1/4"	4'	2851'
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor				
Blanked-Off B.T. Running Case				



301115-737

↑
PRESSURE

TIME →



301115-397

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