

TIGHT HOLE

FLUID SAMPLE DATA				Date 12-29-78		Ticket Number 524719	
Sampler Pressure 104 P.S.I.G. at Surface Recovery: Cu. Ft. Gas 0 cc. Oil 0 cc. Water cc. Mud 2240 Tot. Liquid cc. 2240 Gravity _____ ° API @ _____ °F. Gas/Oil Ratio _____ cu. ft./bbl. RESISTIVITY CHLORIDE CONTENT				Kind of Job OPEN HOLE		Halliburton District WINFIELD	
				Tester MR. DURHAM		Witness MR. RIGGS	
				Drilling Contractor BRANDT DRILLING COMPANY		BC S	
EQUIPMENT & HOLE DATA							
Recovery Water @ _____ °F. _____ ppm				Formation Tested Kansas City			
Recovery Mud Sampler 553 @ 35 °F. _____ ppm				Elevation 1193' GL Ft.			
Recovery Mud Filtrate .349 @ 66 °F. 13,600 ppm				Net Productive Interval 8' Ft.			
Mud Pit Sample .627 @ 56 °F. _____ ppm				All Depths Measured From Ground Level			
Mud Pit Sample Filtrate .490 @ 61 °F. 9,600 ppm				Total Depth 3593' Ft.			
Mud Weight 9.1 vis 45 sec				Main Hole/Casing Size 7 7/8"			
				Drill Collar Length 384' I.D. 2.25"			
				Drill Pipe Length 3112' I.D. 3.826"			
				Packer Depth(s) 3526' - 3532' Ft.			
				Depth Tester Valve 3512' Ft.			
TYPE		AMOUNT		Depth Back Pres. Valve		Surface Choke	
Cushion				3506'		Bottom Choke 3/4"	
Recovered		105 Feet of		Muddy water with a few oil specks			
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Recovered		Feet of					
Remarks		SEE PRODUCTION TEST DATA SHEET.					
TEMPERATURE		Gauge No. 6705		Gauge No. 6704		Gauge No.	
		Depth: 3516' Ft.		Depth: 3589' Ft.		Depth: _____ Ft.	
		12 Hour Clock		12 Hour Clock		Hour Clock	
Est. 110 °F.		Blanked Off NO		Blanked Off YES		Blanked Off	
						Tool A.M.	
						Opened 7:00 P.M.	
						Opened A.M.	
						Bypass P.M.	
Actual °F.		Pressures		Pressures		Pressures	
		Field	Office	Field	Office	Field	Office
Initial Hydrostatic			1684	1854	1724		
First Period	Flow Initial		13	42	59		
	Flow Final		29	62	68		
	Closed in		1439	1456	1478		
Second Period	Flow Initial		36	62	78		
	Flow Final		62	104	99		
	Closed in		1458	1477	1493		
Third Period	Flow Initial						
	Flow Final						
Closed in							
Final Hydrostatic			1669	1854	1710		

ROHRER "A"

Well No. 1

Test No. 1

3532' - 3593'

ANADARKO PRODUCTION COMPANY

Lease Owner/Company Name

Legal Location

Sec. - Twp. - Rng.

SW/SW 22 - 33S - 3W

Field Area

CHICASKA

County

SUMNER

State

KANSAS

Gauge No. 6705				Depth 3516'				Clock No. 12869				12 hour				Ticket No. 524719							
First Flow Period				First Closed In Pressure				Second Flow Period				Second Closed In Pressure				Third Flow Period				Third Closed In Pressure			
Time Defl. .000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.				
0	.0000	13		.0000	29			.0000	36			.0000	62										
1	.0258	15		.0264	746			.0335	37*			.0532	922										
2	.0516	18		.0528	1166			.0804	43			.1064	1236										
3	.0774	21		.0792	1280			.1273	48			.1596	1316										
4	.1032	25		.1056	1335			.1742	53			.2128	1356										
5	.1290	29		.1320	1367			.2211	57			.2660	1381										
6				.1584	1390			.2680	62			.3192	1398										
7				.1848	1408							.3724	1411										
8				.2112	1421							.4256	1422										
9				.2376	1432							.4788	1431										
10				.2640	1439							.5320	1437										
11												.5852	1444										
12												.6384	1448										
13												.6916	1452										
14												.7448	1455										
15												.7980	1458										

Gauge No. 6704				Depth 3589'				Clock No. 7101				12 hour			
Time Defl. .000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Log $\frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.0000	59		.0000	68			.0000	78			.0000	99		
1	.0264	56		.0265	904			.0335	79*			.0533	1004		
2	.0528	58		.0530	1215			.0804	81			.1065	1278		
3	.0792	60		.0795	1320			.1273	85			.1598	1353		
4	.1056	64		.1060	1375			.1742	91			.2131	1392		
5	.1320	68		.1325	1406			.2211	95			.2663	1417		
6				.1590	1429			.2680	99			.3196	1433		
7				.1855	1447							.3729	1447		
8				.2120	1460							.4261	1457		
9				.2385	1470							.4794	1466		
10				.2650	1478							.5327	1472		
11												.5859	1478		
12												.6392	1482		
13												.6925	1486		
14												.7457	1490		
15												.7990	1493		

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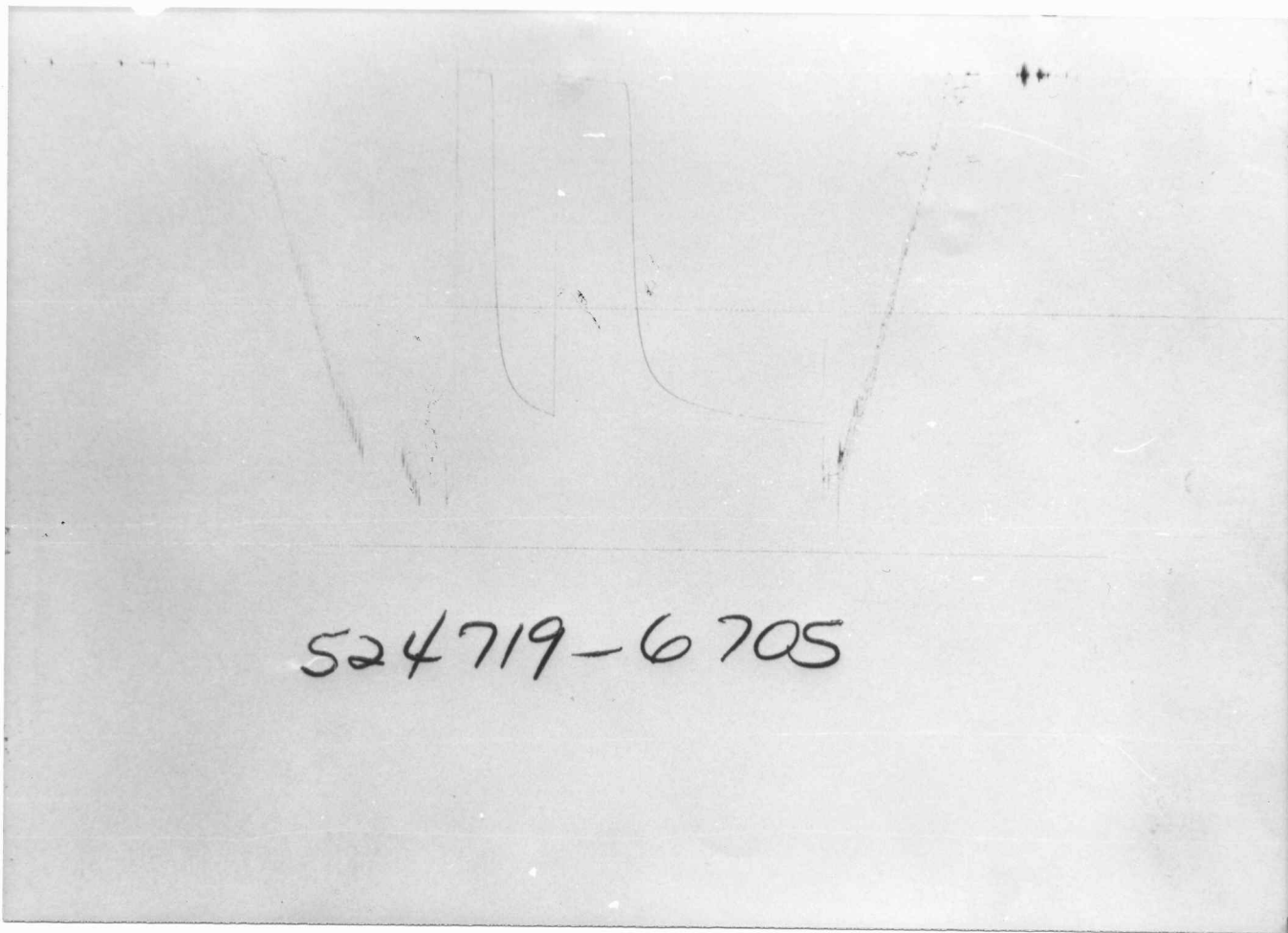
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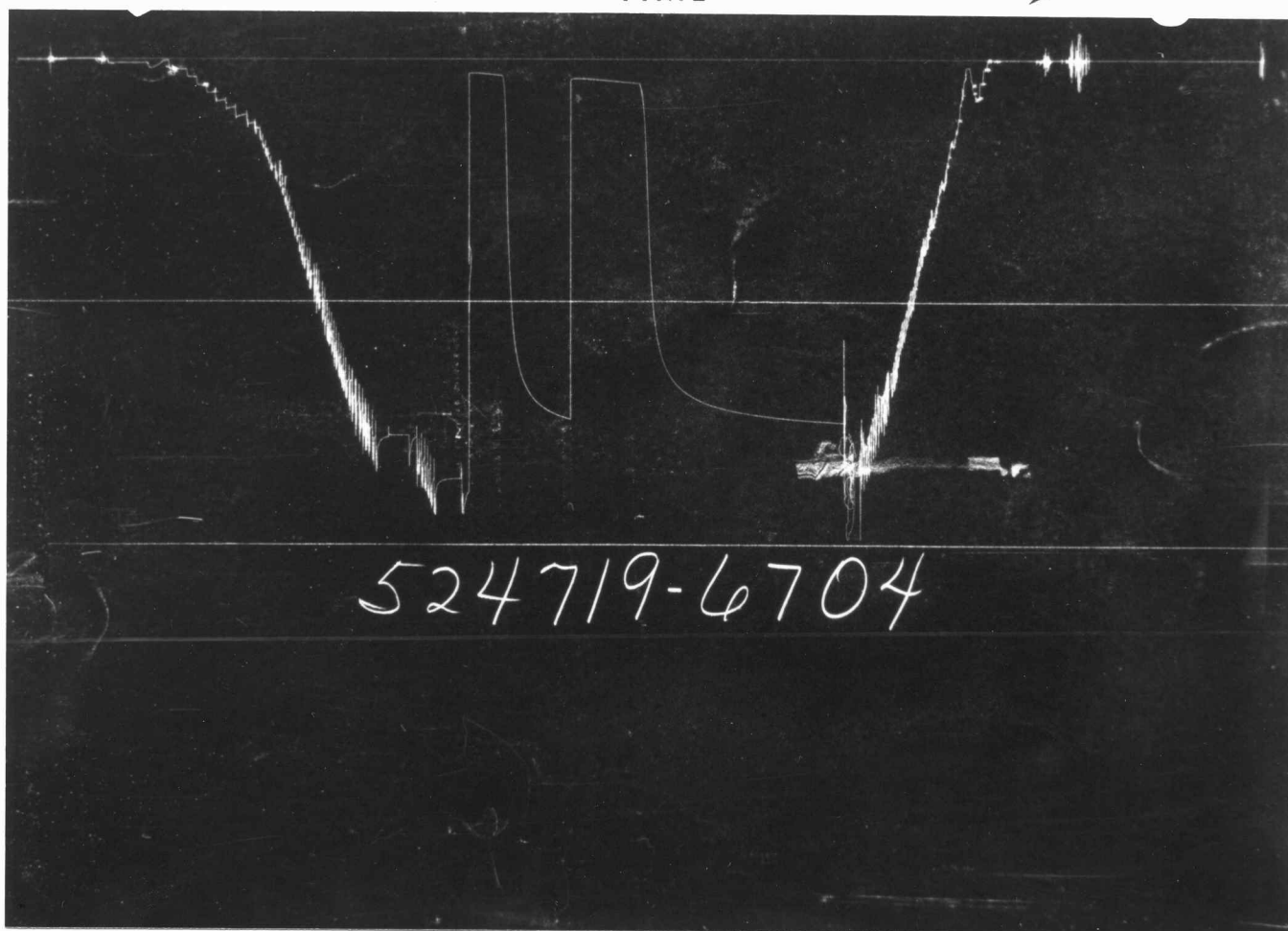
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	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	5 3/4"	3"	1'	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	3112'	
Drill Collars	6 1/2"	2.25"	384'	
Handling Sub & Choke Assembly	4 1/2"	3.826"	4'	
Dual CIP Valve				
Dual CIP Sampler	5"	.87"	6'	3506'
Hydro-Spring Tester	5"	.75"	4'	3512'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.75"	4'	3516'
Hydraulic Jar	5"	1"	5'	
VR Safety Joint	5"	1"	4'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.75"	6'	3526'
Distributor				
Packer Assembly	6 3/4"	1.75"	6'	3532'
Flush Joint Anchor	5"	3.84"	16'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars	6 1/2"	2.25"	31'	
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	3.84"	10'	
Blanked-Off B.T. Running Case	5"	2.75"	4'	3589'
Total Depth				3593'



PRESSURE

TIME



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