

FLUID SAMPLER DATA				Date 7-19-69		Ticket Number 128389	
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____ Gravity OIL 38 ° API @ 92 °F. Gas/Oil Ratio _____ cu. ft./bbl.				Kind of Job OPEN HOLE Halliburton District PRATT		Tester MR. CRAMER Witness MR. SMITH	
Drilling Contractor GABBERT & JONES DRILLING COMPANY IC 5				EQUIPMENT & HOLE DATA			
RESISTIVITY _____ CHLORIDE CONTENT _____ Recovery Water _____ @ _____ °F. _____ ppm Recovery Mud _____ @ _____ °F. _____ ppm Recovery Mud Filtrate _____ @ _____ °F. _____ ppm Mud Pit Sample _____ @ _____ °F. _____ ppm Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm Mud Weight 9.8 vis 46 cp Formation Tested Mississippi Elevation 2133' G.L. _____ Ft. Net Productive Interval 4984' - 5048' _____ Ft. All Depths Measured From Kelly B ushings Total Depth 5048' _____ Ft. Main Hole/Casing Size 7 7/8" Drill Collar Length 347' I.D. 2 1/4" Drill Pipe Length 4606' I.D. 3.826" Packer Depth(s) 4979' - 4984' _____ Ft. Depth Tester Valve 4959' _____ Ft.				Formation Tested _____ Elevation _____ Ft. Net Productive Interval _____ Ft. All Depths Measured From _____ Total Depth _____ Ft. Main Hole/Casing Size _____ Drill Collar Length _____ I.D. _____ Drill Pipe Length _____ I.D. _____ Packer Depth(s) _____ Ft. Depth Tester Valve _____ Ft.			
				Cushion TYPE AMOUNT - Depth Back Pres. Valve - Surface Choke 1" Bottom Choke 3/4"			
				Recovered 190 Feet of Heavy oil & heavy gas cut mud			
				Recovered 270 Feet of Heavy gas & very heavy mud cut oil			
				Recovered 90 Feet of Free oil			
				Recovered 180 Feet of Heavy gas & mud cut oil			
				Recovered _____ Feet of _____			
				Remarks Opened tool for 9 minute first flow with a strong blow; gas to surface in 2 minutes. Closed tool for 31 minute initial closed in pressure. Reopened tool for 40 minute second flow. Closed tool for 50 minute second closed in pressure.			
TEMPERATURE		Gauge No. 1831 Depth: 4969' Ft.	Gauge No. 1830 Depth: 5044' Ft.	Gauge No. _____ Depth: _____ Ft.	TIME		
Est. 120 °F.		12 Hour Clock Blanked Off NO	12 Hour Clock Blanked Off YES	Hour Clock Blanked Off _____	Tool XXX Opened 1:24 P.M. Tool XXX Closed 3:34 P.M.		
Actual _____ °F.		Pressures		Pressures		Reported	
		Field	Office	Field	Office	Minutes	
Initial Hydrostatic		2600	2586	-	2625		
First Period	Flow Initial	380	603	-	565		
	Flow Final	370	366	-	389	10	
	Closed in	1675	1669	-	1688	30	
Second Period	Flow Initial	350	539	-	529		
	Flow Final	350	344	-	386	40	
	Closed in	1650	1644	-	1659	50	
Third Period	Flow Initial						
	Flow Final						
	Closed in						
Final Hydrostatic		2590	2576	-	2616		

Legal Location
 Sec. **11 - 31 - 18** SE 1/4
 Well No. **A-1**
 Test No. **1**
 Field Area **MULE CREEK N.E.**
 County **COMANCHE**
 State **KANSAS**

Lease Name **U.H.L.**
 4984' - 5048' 11-13-1865
 Tested Interval
 ANADARKO PRODUCTION COMPANY
 Lease Owner/Company Name

Date	Time	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1-19-69	a.m. p.m.					

[illegible]

Gauge No. 1831		Depth 4969'		Clock No. 3004		12 hour		Ticket No. 128389	
First Flow Period		First Closed In Pressure		Second Flow Period		Second 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.
0 .000	603	.000	366	.000	539	.000	344		
1 .072	366	.021	1491	.279	344	.0358	1446		
2		.042	1596			.0716	1528		
3 PLUGGING		.063	1624			.1074	1565		
4		.084	1636			.1432	1590		
5		.105	1646			.1790	1606		
6		.126	1653			.2148	1618		
7		.147	1659			.2506	1627		
8		.168	1663			.2864	1633		
9		.189	1665			.3222	1639		
10		.217	1669*			.3580	1644		
11									
12									
13									
14									
15									

Gauge No. 1830		Depth 5044'		Clock No. 1566		12 hour	
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	565	.000	389	.000	529	.000	386
1 .062	389	.0204	1513	.268	386	.0342	1438
2		.0408	1641			.0684	1536
3 PLUGGING		.0612	1644			.1026	1577
4		.0816	1652			.1368	1603
5		.1020	1663			.1710	1621
6		.1224	1672			.2052	1634
7		.1428	1677			.2394	1641
8		.1632	1681			.2736	1649
9		.1836	1684			.3078	1653
10		.2110	1688*			.3420	1659
11							
12							
13							
14							
15							

Reading Interval

3

5

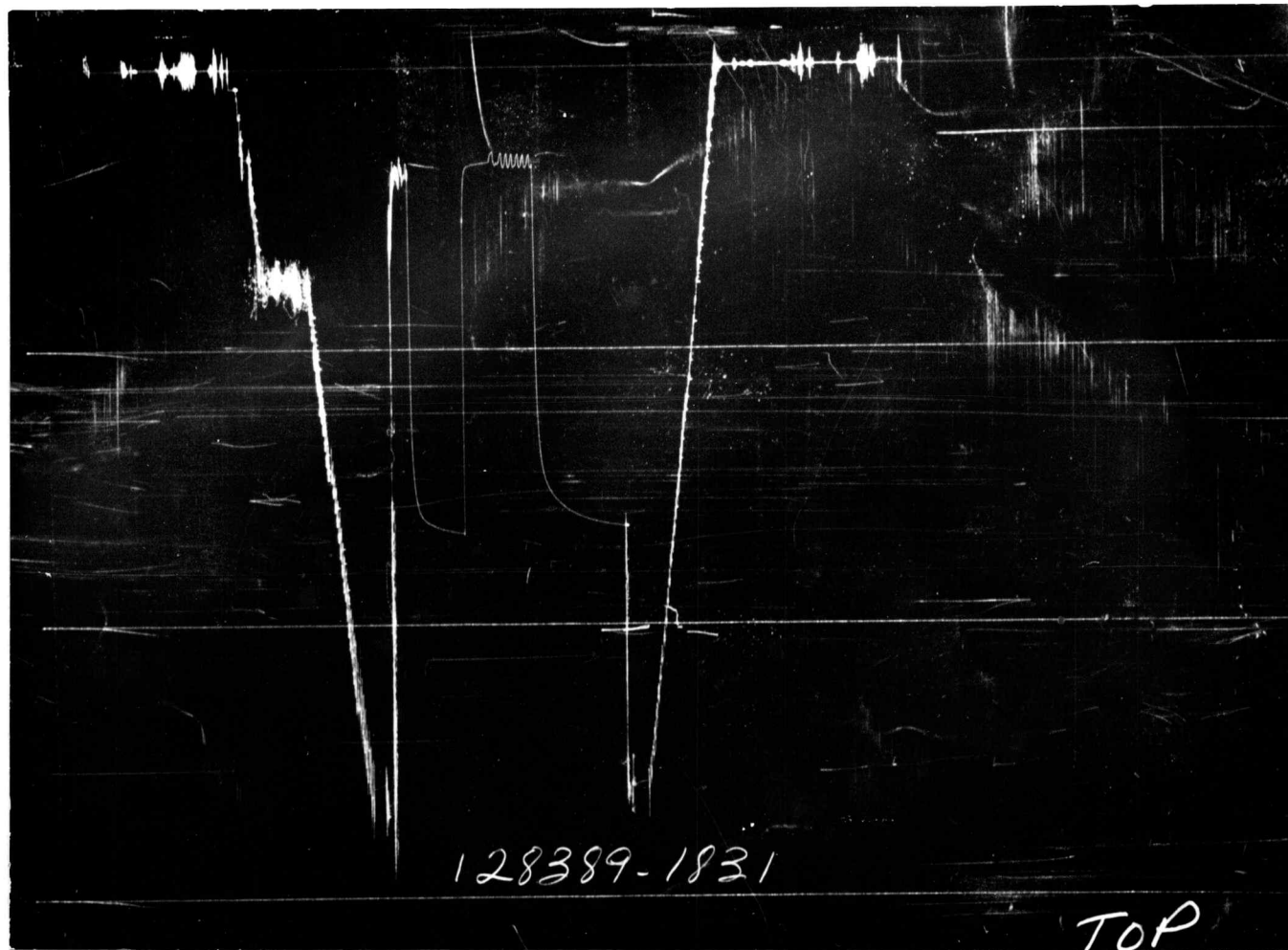
Minutes

*Last interval equal to 4 minutes

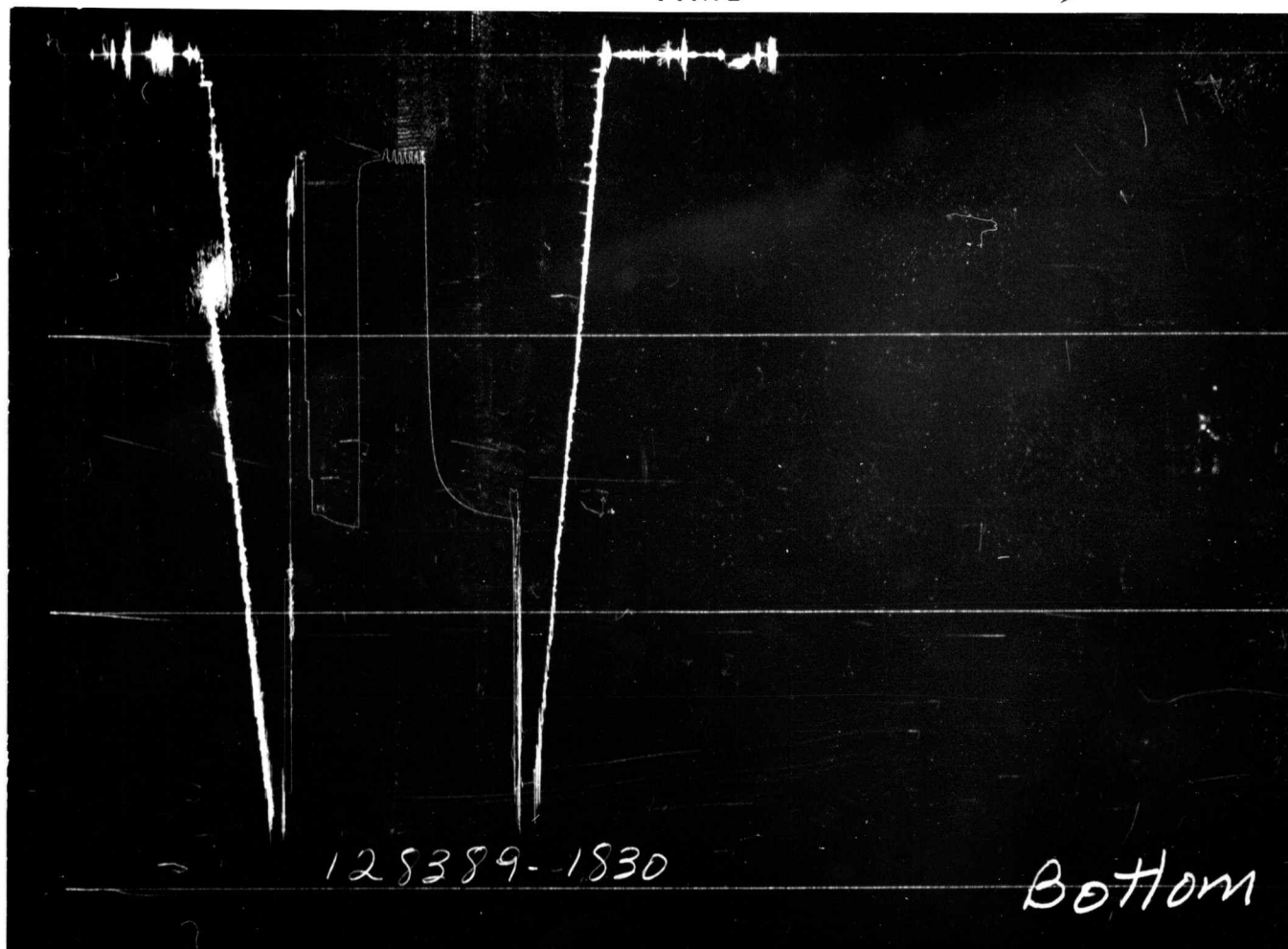
REMARKS:

	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub	5 5/8"	2"	1 1/2"	
Water Cushion Valve				
Drill Pipe	4 1/2" FH	3.826"		
Drill Collars	6 3/4"	2 1/4"	347'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	3/4"	6'	
Dual CIP Sampler				
Hydro-Spring Tester	5"	3/4"	5'	
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	2 1/4"	4'	
Hydraulic Jar				
VR Safety Joint	5"	1 1/2"	2 1/2"	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1"	5'	
Distributor				
Packer Assembly	6 3/4"	1"	4'	
Flush Joint Anchor	5"	2 1/4"	33.30	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill ~~XXXX~~ PIPE	5 7/8"	3.826"	30.77	
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				

↑ PRESSURE ↓



TIME →



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