

ALTON UNRUH
 Lease Name
 B-3
 Well No.
 2
 Test No.
 4898' - 4950'
 Tasted Interval
 KANSAS
 State
 THE MAURICE L. BROWN COMPANY
 Lease Owner/Company Name

Legal Location
 Sec. - Twp. - Rng. 27 - 30 - 18W
 Field Area
 Meas. From Tester Valve
 County
 KIOWA

FLUID SAMPLE DATA				Date	3-11-79 <th>Ticket Number</th> <td>543452 </td>	Ticket Number	543452
Sampler Pressure _____	P.S.I.G. at Surface			Kind of Job	OPEN HOLE	Halliburton District	PRATT
Recovery: Cu. Ft. Gas _____	cc. Oil _____			Tester	MR. MOFF	Witness	MR. PALMER
cc. Water _____	cc. Mud _____			Drilling Contractor	ABERCROMBIE	IC	
Tot. Liquid cc. _____							
Gravity _____	° API @ _____		°F.		EQUIPMENT & HOLE DATA		
Gas/Oil Ratio _____	RESISTIVITY _____		cu. ft./bbl.		Formation Tested	Marmaton	
	CHLORIDE CONTENT _____				Elevation	2234'	KB Ft.
Recovery Water _____	@ _____	°F.		Net Productive Interval	-		
Recovery Mud _____	@ _____	°F.		All Depths Measured From	Kelly Bushing		
Recovery Mud Filtrate _____	@ _____	°F.		Total Depth	4950' Ft.		
Mud Pit Sample _____	@ _____	°F.		Main Hole/Casing Size	7 7/8"		
Mud Pit Sample Filtrate _____	@ _____	°F.		Drill Collar Length	30' I.D. 2.25"		
Mud Weight	9.7	vis	50	Drill Pipe Length	4838' I.D. 3.826"		
			cp	Packer Depth(s)	4898' Ft.		
				Depth Tester Valve	4877' Ft.		

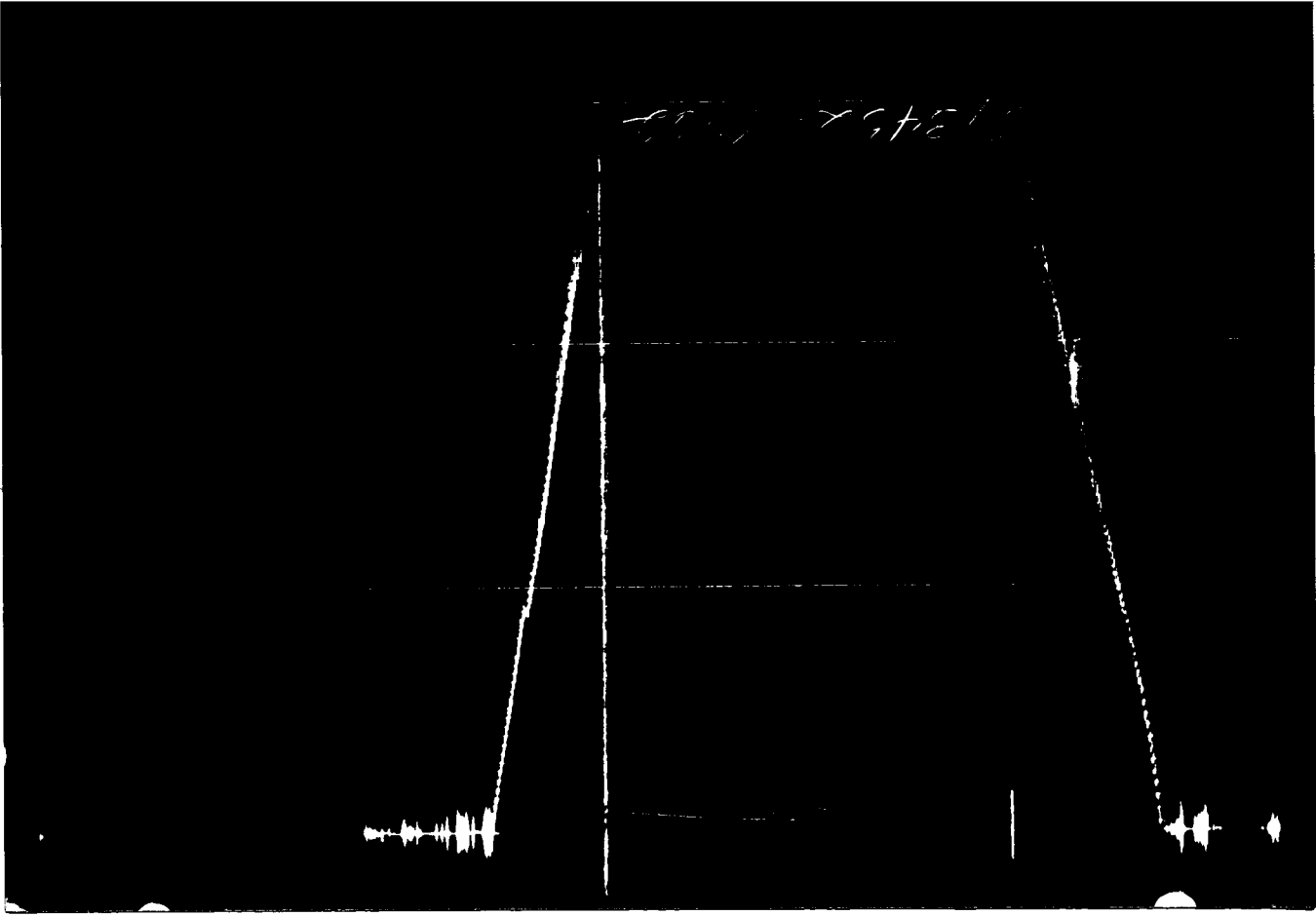
Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke
Recovered	110	Feet of Mud			
Recovered		Feet of			
Recovered		Feet of			
Recovered		Feet of			
Recovered		Feet of			
Remarks	SEE PRODUCTION TEST DATA SHEET.				

UTR=Unable to read

TEMPERATURE	Gauge No.	6762	Gauge No.	6763	Gauge No.		TIME
	Depth:	4882' Ft.	Depth:	4947' Ft.	Depth:		
Est. _____ °F.	12 Hour Clock		12 Hour Clock		Hour Clock		Tool Opened 20:05 A.M. P.M.
Actual 4946' @ 121 °F.	Blanked Off NO		Blanked Off YES		Blanked Off		Open Bypass 22:05 A.M. P.M.
	Pressures		Pressures		Pressures		Reported Minutes
	Field	Office	Field	Office	Field	Office	Computed Minutes
Initial Hydrostatic	2667	2484.4	-	UTR			
First Period Flow	Initial	21	9.2	-	45.0		
	Final	41	33.9	-	65.6	60	
	Closed in	81	95.5	-	125.0	60	
Second Period Flow	Initial	41	48.3	-	93.2		
	Final	41	52.4	-	85.0	60	
	Closed in	82	86.2	-	113.7	60	
Third Period Flow	Initial						
	Final						
	Closed in						
Final Hydrostatic	2563	2462.6	-	2533.3			



	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	6"	2.25"	1'	
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	4838'	
Drill Collars	6"	2.25"	30'	
Handling Sub & Choke Assembly	6"	2.25"	1' CROSS OVER	
Dual CIP Valve	5 3/4"	.87"	6'	4871'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	4877'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	4882'
Hydraulic Jar	5"	.87"	5'	
VR Safety Joint	5"	1.00"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.53"	6'	4898'
Distributor				
Packer Assembly	6"	2.25"	2' CROSS OVER	
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars	6"	2.25"	28'	
Anchor Pipe Safety Joint	6"	2.25"	2' CROSS OVER	
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars				
Flush Joint Anchor	5"	2.25"	13'	
	5"	2"	1' TEMP.	4946'
Blanked-Off B.T. Running Case	5"	2.44"	4'	4947'
Total Depth				4950'



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