FLUID SAMPLE DATA

Sampler Pressure _____ P.S.I.G. at Surface
Recovery: Cu. Ft. Gas _____
cc. Oil _____
cc. Water _____
cc. Mud _____
Tot. Liquid cc. _____
Gravity _____ ° API @ _____ °F.
Gas/Oil Ratio _____ cu. ft./bbl.

		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 10.0 vis 37 cp

Date 5-1-75 Ticket Number 739795
Kind of Job OPEN HOLE TEST Halliburton District GREAT BEND
Tester MR. MONDERO Witness MR. BERGMAN
Drilling Contractor BERGMAN DRILLING COMPANY PW S

EQUIPMENT & HOLE DATA

Formation Tested Kansas City
Elevation _____ Ft.
Net Productive Interval 89' Ft.
All Depths Measured From Kelly Bushing
Total Depth 2956' Ft.
Main Hole/Casing Size 7 7/8"
Drill Collar Length _____ I.D. 2.764" W.P.
Drill Pipe Length _____ I.D. 3.826"
Packer Depth(s) 2867' Ft.
Depth Tester Valve 2858' Ft.

Cushion TYPE _____ AMOUNT _____ Ft. Depth Back Pres. Valve _____ Surface Choke 1/4" Bottom Choke 3/4"

Recovered 1900 Feet of Total fluid.
Recovered 1600 Feet of Free oil & gas
Recovered 300 Feet of Oil cut mud.
Recovered _____ Feet of
Recovered _____ Feet of

Mea. From Tester Valve

Remarks Opened tool for a 59 minute first flow period with a strong blow. Gas to the surface. Closed tool for a 45 minute initial closed in pressure period. Reopened tool for a 90 minute second flow period with a strong blow. Closed tool for a 46 minute final closed in pressure period. Waited until daylight to pull out of the hole.

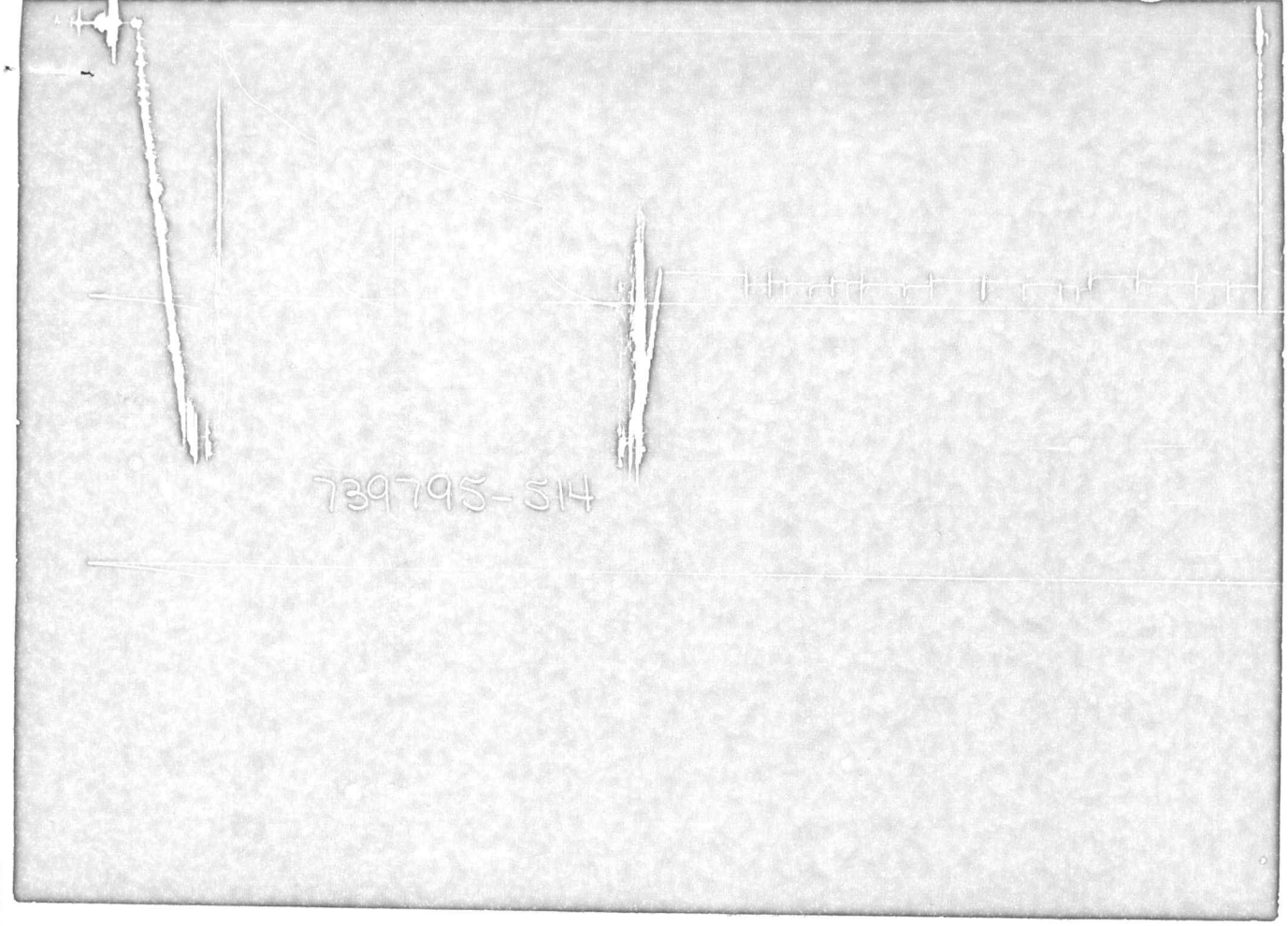
TEMPERATURE	Gauge No. 514 Depth: 2859' Ft.	Gauge No. 376 Depth: 2952' Ft.	Gauge No. Depth: Ft.	TIME
	12 Hour Clock	12 Hour Clock	Hour Clock	Tool Opened A.M. P.M.
Est. °F.	Blanked Off No	Blanked Off Yes	Blanked Off	
Actual °F.	Pressures	Pressures	Pressures	Opened Bypass A.M. P.M.

		Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic		1545	1521		1564				
First Period	Flow Initial	46	53		102			———	———
	Flow Final	423	428		464			60	59
	Closed in	1010	1027		1056			45	45
Second Period	Flow Initial	423	443		476			———	———
	Flow Final	643	654		684			90	90
	Closed in	1001	1011		1042			45	46
Third Period	Flow Initial							———	———
	Flow Final								
	Closed in								
Final Hydrostatic		1508	1513		1549			———	———

Legal Location Sec. - Twp. - Rng. 15 - 15 - 11
Lease Name BROWN
Well No. 1
Test No. 1
Field Area RUSSELL HILLS
Tested Interval 2867' - 2956'
County RUSSELL
State KANSAS
Lease Owner/Company Name BERGMAN OIL COMPANY

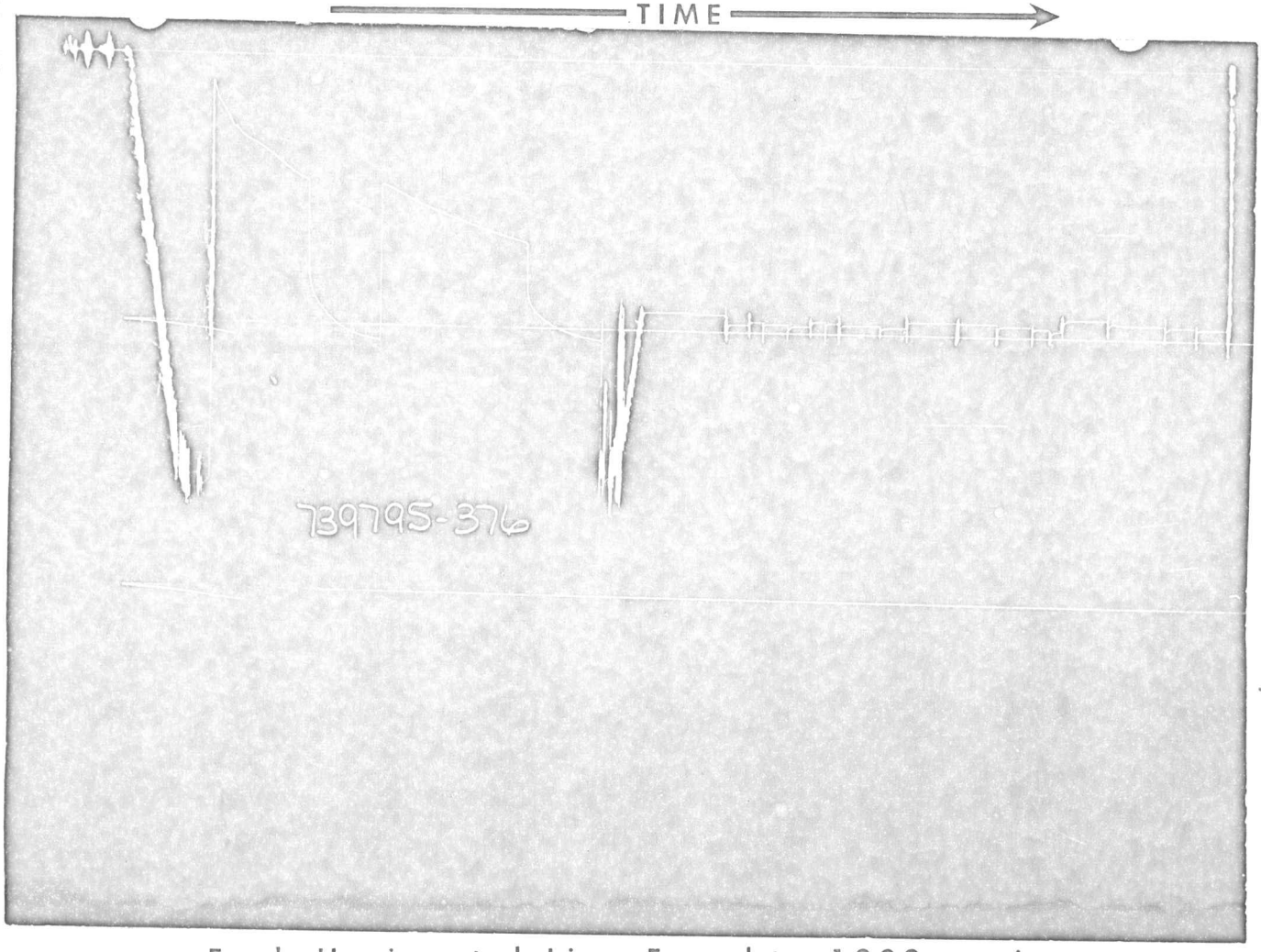
FORMATION TEST DATA

LITTLE'S 96671 10M 8/74



PRESSURE

TIME



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