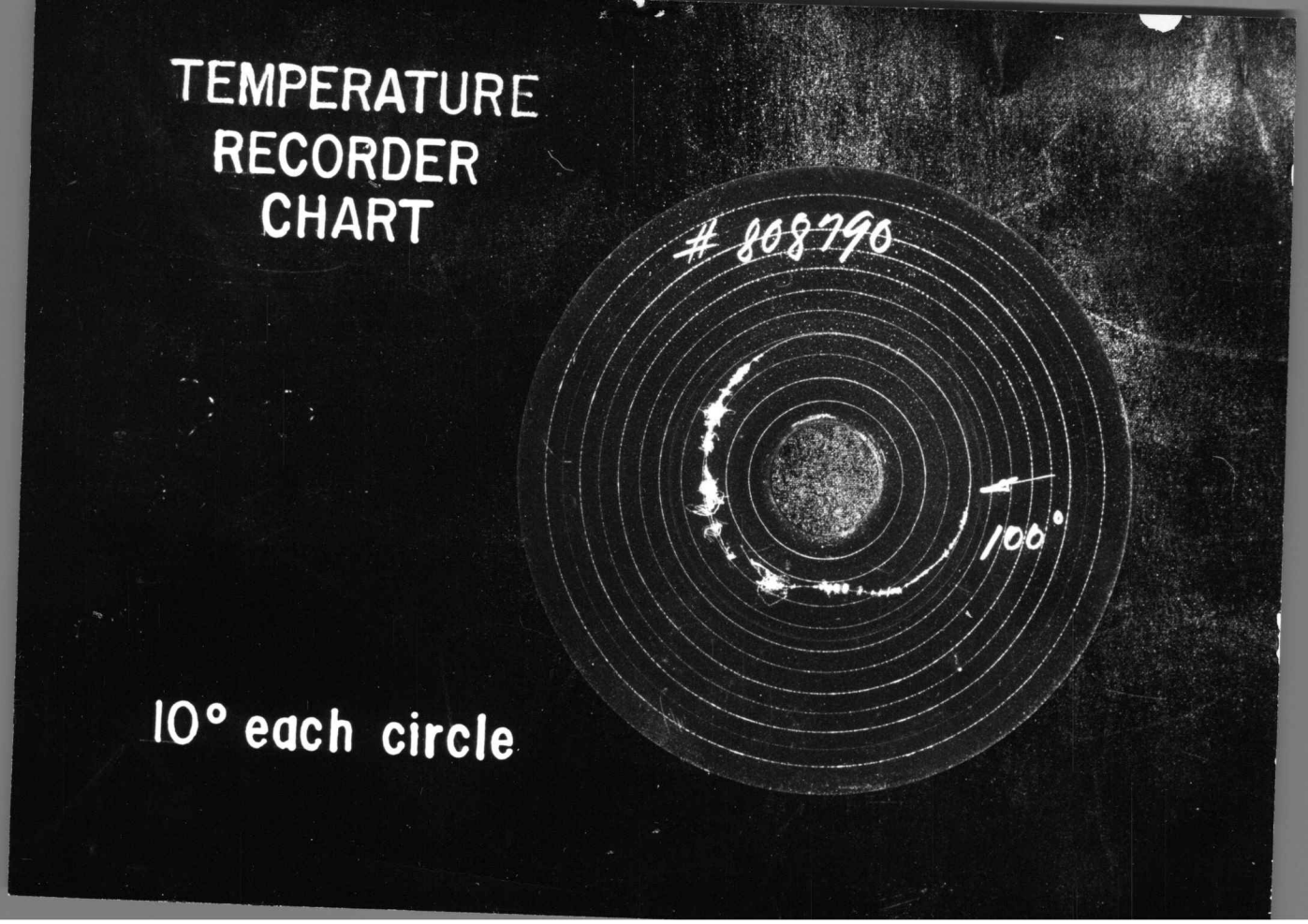

TEMPERATURE
RECORDER
CHART
808790
100°
10° each circle

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 10.2 vis 50 cp

Date 7-15-75 Ticket Number 808790
Kind of Job OPEN HOLE TEST Halliburton District HAYS
Tester S. KERNS Witness H. BERGMAN
Drilling Contractor BERGMAN DRILLING COMPANY TH S

EQUIPMENT & HOLE DATA

Formation Tested Kansas City
Elevation 1719' K.B. Ft.
Net Productive Interval _____ Ft.
All Depths Measured From Kelly Bushing
Total Depth 3150' Ft.
Main Hole/Casing Size 7 7/8"
Drill Collar Length WP 605' I.D WP 2.764"
Drill Pipe Length 2400' I.D. 3.826"
Packer Depth(s) 3027' Ft.
Depth Tester Valve 3015' Ft.

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

Recovered 15 Feet of drilling mud.
Recovered Feet of
Recovered Feet of
Recovered Feet of
Recovered Feet of

Meas. From Tester Valve

Remarks Opened tool for 45 minute first flow period with a weak blow decreasing, died in 31 minutes. Closed tool for 21 minute first closed in pressure. Reopened tool for 15 minute second flow period with no blow. Closed tool for 19 minute second flow period.

TEMPERATURE	Gauge No. 684 Depth: 3020 Ft.	Gauge No. 528 Depth: 3146 Ft.	Gauge No. Depth: Ft.	TIME
	12 Hour Clock	12 Hour Clock	Hour Clock	Tool Opened 0015 P.M. A.M.
Est. °F.	Blanked Off NO	Blanked Off YES	Blanked Off	Opened Bypass 0155 P.M. A.M.
3145 Actual 100 °F.	Pressures	Pressures	Pressures	

	Field	Office	Field	Office	Field	Office	Reported Minutes	Computed Minutes
Initial Hydrostatic		1663	1723	1733				
First Period Flow Initial		14	86	90				
First Period Flow Final		22	86	92			45	45
First Period Closed in		741	809	808			20	21
Second Period Flow Initial		28	95	100				
Second Period Flow Final		26	95	96			15	15
Second Period Closed in		699	758	767			20	19
Third Period Flow Initial								
Third Period Flow Final								
Third Period Closed in								
Final Hydrostatic		1592	1671	1659				

Legal Location Sec. - Twp. - Rng. 15 - 15S - 11W
Lease Name NUSS
Well No. V - 2
Test No. 3
Tested Interval 3027' - 3150'
Field Area COAL CREEK
County RUSSELL
State KANSAS
Lease Owner/Company Name JOHN R. DAVIS

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FORMATION TEST DATA

LITTLE'S 96671 10M 8/74

Gauge No. 684			Depth 3020			Clock No. 4773			12 hour	Ticket No. 808790				
	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.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
0	.0000	14	.0000		22	.0000	28	.0000		26					
1	.0340	14*	.0206**		147	.1000	26	.0070***		56					
2	.0884	16	.0343		275			.0210		263					
3	.1428	18	.0480		378			.0350		295					
4	.1972	19	.0617		465			.0490		392					
5	.2516	20	.0754		534			.0630		474					
6	.3060	22	.0891		588			.0770		538					
7			.1028		639			.0910		585					
8			.1165		676			.1050		633					
9			.1303		716			.1190		667					
10			.1440		741			.1330		699					
11															
12															
13															
14															
15															

Gauge No. 528			Depth 3146			Clock No. 2800			12 hour					
0	.0000	90	.0000		92	.0000	100	.0000		96					
1	.3120	92	.0209**		213	.1020	96	.0071***		124					
2			.0348		343			.0213		247					
3			.0487		447			.0355		366					
4			.0626		537			.0497		459					
5			.0765		606			.0639		540					
6			.0904		659			.0782		608					
7			.1043		708			.0924		655					
8			.1182		743			.1066		701					
9			.1321		780			.1208		735					
10			.1460		808			.1350		767					
11															
12															
13															
14															
15															
Reading Interval	8		2					2							Minutes

REMARKS: * - first interval is equal to 5 minutes, ** - 3 minutes, *** - 1 minute.

SPECIAL PRESSURE DATA

TICKET NO. 808790

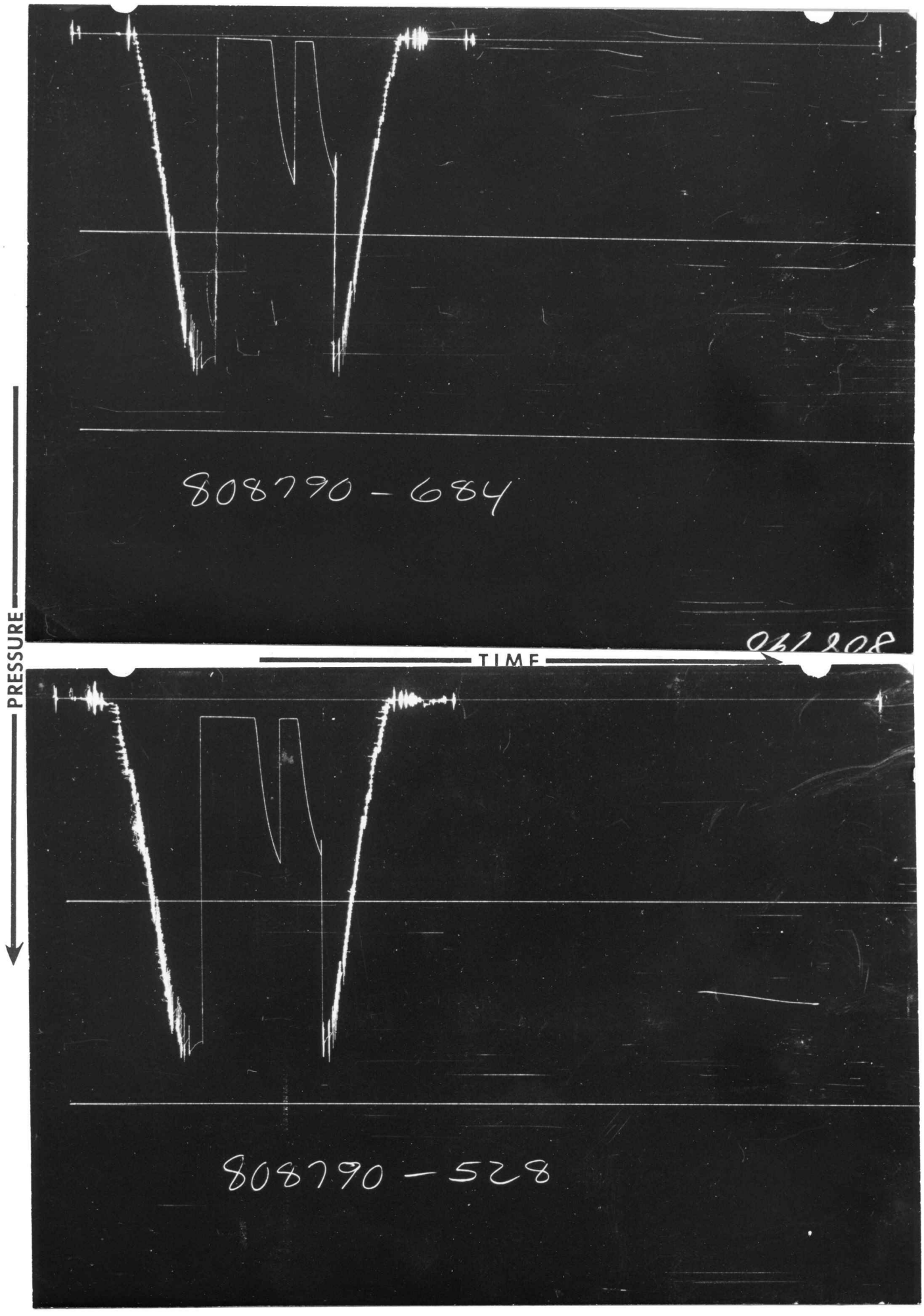


	O.D.	I.D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	5.75"	2.75"	1'	
Water Cushion Valve				
Drill Pipe	4.50"	3.826"	2400'	
Drill ~~Collars~~ WEIGHT PIPE	4.50"	2.764"	605'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	.83"	5'	3010'
Dual CIP Sampler				
Hydro-Spring Tester	5"	.75"	5'	3015'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	306"	4'	3020'
Hydraulic Jar				
VR Safety Joint	5"	1.00"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.53"	5'	3027'
Distributor				
Packer Assembly				
Flush Joint Anchor				
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly				
Distributor				
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill ~~Collars~~ Pipe	4.50"	3.826"	91'	
Flush Joint Anchor	5"	3.84"	32'	
Blanked-Off B.T. Running Case	5"	2.44"	4'	3146'
Total Depth				3150'

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EQUIPMENT DATA

LITTLE'S 96676 75C 8/74



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