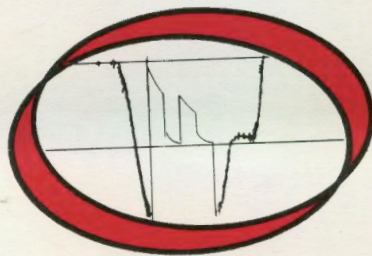


Formation Testing Service Report

REC'D JAN 4 1978



MILLER

1

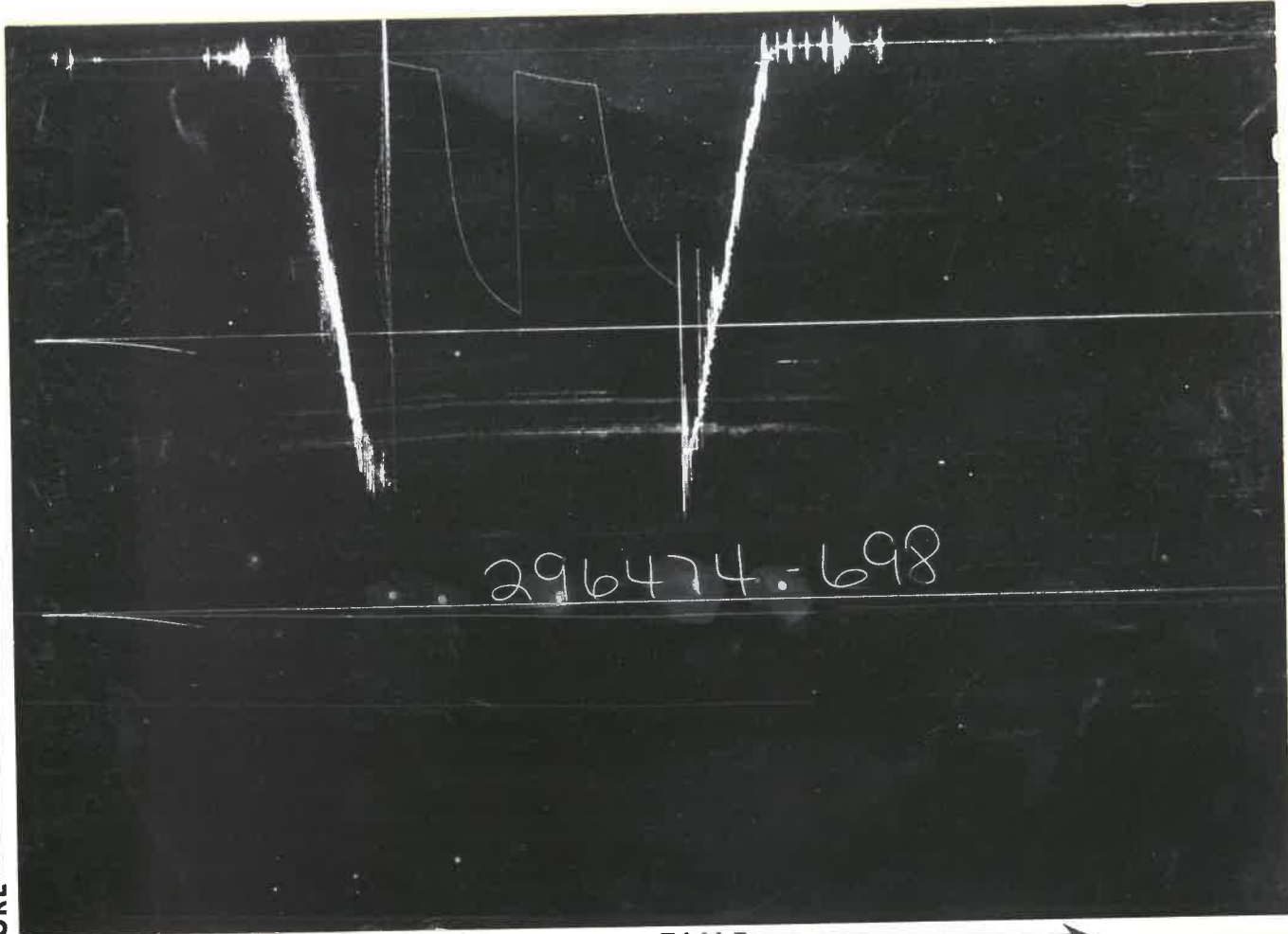
1

3106' - 3140'

RUPE OIL COMPANY, INCORPORATED

HALLIBURTON SERVICES

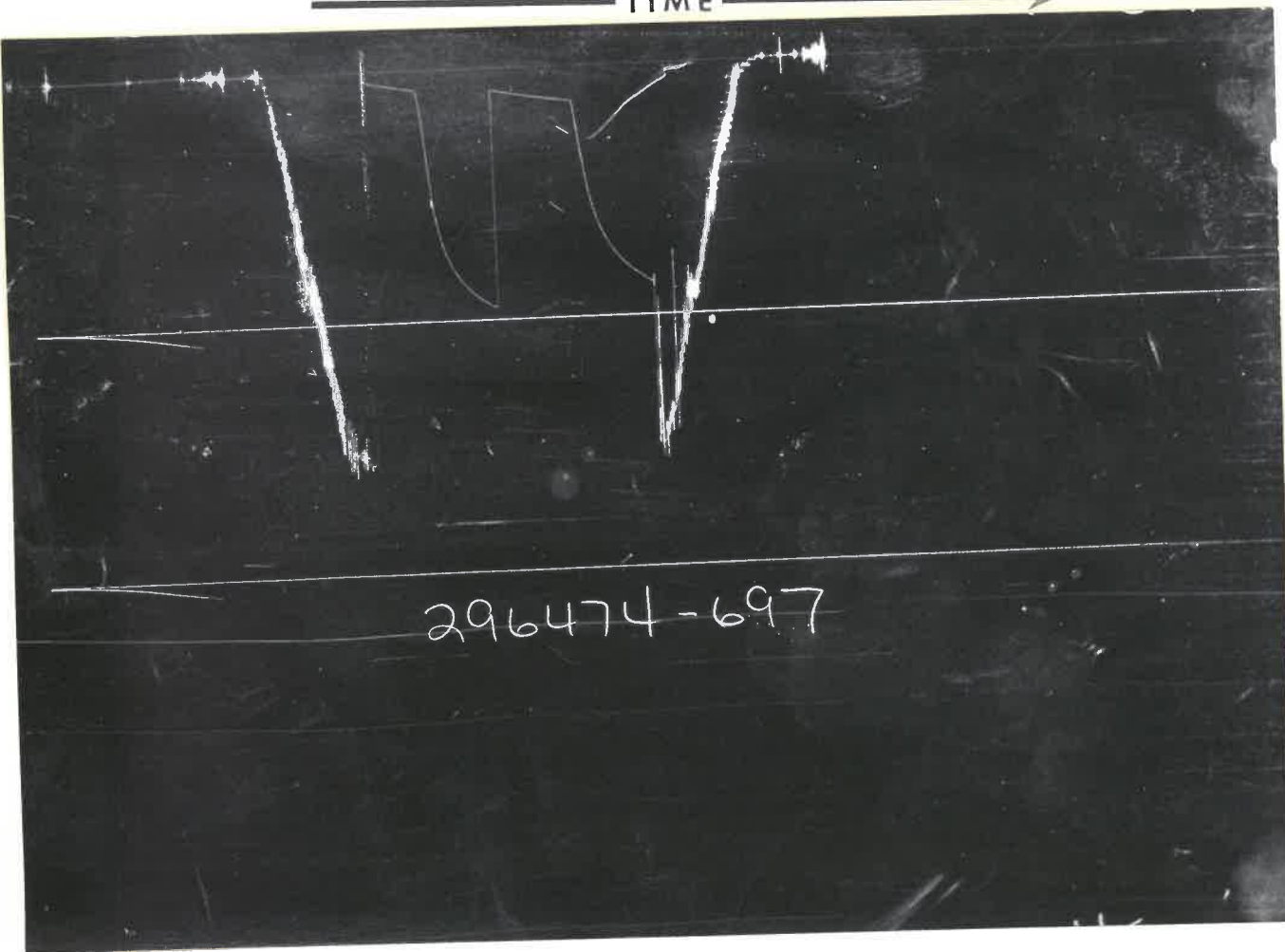
DUNCAN, OKLAHOMA



296474-698

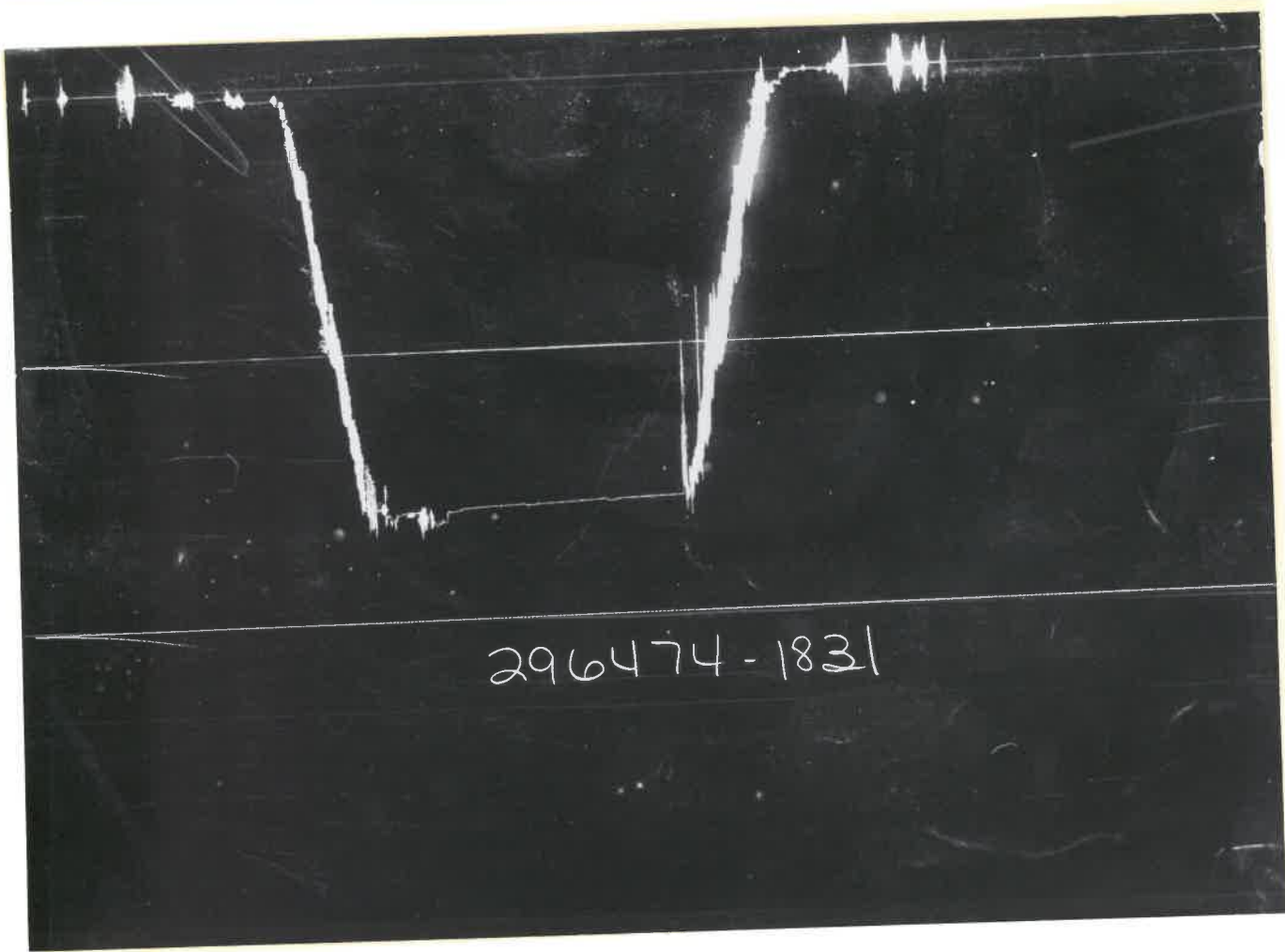
PRESSURE

TIME



296474-697

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



296474-1831

- TIGHT HOLE -

FLUID SAMPLE DATA				Date	Ticket Number		
Sampler Pressure _____ P.S.I.G. at Surface				12-23-77	296474		
Recovery: Cu. Ft. Gas _____				Kind of Job	STRADDLE	Halliburton District	
cc. Oil _____				OPEN HOLE TEST	PRATT		
cc. Water _____				Tester	LLOYD R. PARKER	Witness	
cc. Mud _____				B. CLEMENT			
Tot. Liquid cc. _____				Drilling Contractor	RED TIGER DRILLING COMPANY RIG #1 PW		
Gravity _____ ° API @ _____ °F.				EQUIPMENT & HOLE DATA			
Gas/Oil Ratio _____ cu. ft./bbl.				Formation Tested	Cotton Wood		
RESISTIVITY _____ CHLORIDE CONTENT _____				Elevation	2191'	Ft.	
Recovery Water _____ @ _____ °F. _____ ppm				Net Productive Interval	12'	Ft.	
Recovery Mud _____ @ _____ °F. _____ ppm				All Depths Measured From	Kelly Bushing		
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm				Total Depth	3243'	Ft.	
Mud Pit Sample _____ @ _____ °F. _____ ppm				Main Hole/Casing Size	7 7/8"		
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm				Drill Collar Length	892' WP	I.D. 2.764" WP	
Mud Weight 9.1 vis 42 sec				Drill Pipe Length	2181'	I.D. 3.826"	
				Packer Depth(s)	3106' - 3140' Ft.		
				Depth Tester Valve	3088' Ft.		
Cushion				TYPE	AMOUNT	Depth Back Surface Bottom	
						Ft. Pres. Valve Choke Choke	
Recovered				60	Feet of	drilling mud.	
Recovered				180	Feet of	muddy water.	
Recovered					Feet of		
Recovered					Feet of		
Recovered					Feet of		
Remarks				SEE PRODUCTION TEST DATA SHEET.....			
TEMPERATURE				Gauge No. 698	Gauge No. 697	Gauge No. 1831	
				Depth: 3090 Ft.	Depth: 3135 Ft.	Depth: 3240 Ft.	
Calc.				12 Hour Clock	12 Hour Clock	12 Hour Clock	
Est. 100 °F.				Blanked Off no	Blanked Off yes	Blanked Off yes	
Actual °F.				Pressures		Pressures	
				Field	Office	Field	Office
Initial Hydrostatic					1506	1504	1551-Q
							1582
First Period				Flow	Initial	12	30
				Final	64	80	80
				Closed in	938	961	951
							HYDROSTATIC
							RELEASE: 1566
				Reported			30
				Minutes			31
Second Period				Flow	Initial	73	80
				Final	127	140	142
				Closed in	854	881	869
				Reported			48
				Minutes			48
				Reported			45
				Minutes			45
Third Period				Flow	Initial		
				Final			
				Closed in			
Final Hydrostatic					1483	1504	1498
							1555

Legal Location Sec. Twp. - Rng. 5 - 26 - 18
 Field Area
 Meas. From Tester Valve
 County
 State
 KANSAS

MILLER
 Lease Name
 1
 Well No.
 1
 Test No.
 3106' - 3140'
 Tested Interval
 EDWARDS
 RUPE OIL COMPANY, INCORPORATED
 Lease Owner/Company Name

Gauge No. 698			Depth 3090'				Clock No. 14285			12 hour		Ticket No. 296474			
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"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.
0	.000	12	.000		64	.000	73	.000		127					
1	.0403*	33	.0343**		315	.0535	83	.0347***		365					
2	.0738	38	.0618		551	.1070	94	.0624		518					
3	.1074	44	.0893		671	.1605	103	.0901		609					
4	.1409	50	.1167		744	.2140	113	.1179		670					
5	.1745	57	.1442		796	.2675	120	.1456		715					
6	.2080	64	.1717		834	.3210	127	.1733		750					
7			.1992		864			.2011		779					
8			.2266		887			.2288		802					
9			.2541		907			.2565		821					
10			.2816		924			.2842		843					
11			.3090		938			.3120		854					
12															
13															
14															
15															

Gauge No. 697			Depth 3135'				Clock No. 3228 X			12 hour		
	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\text{Log } \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.
0	.000	34	.000		80	.000	89	.000		142		
1	.0399*	50	.0333**		336	.0533	99	.0334***		370		
2	.0731	55	.0600		573	.1067	109	.0602		523		
3	.1063	62	.0867		693	.1600	119	.0870		618		
4	.1396	68	.1133		766	.2133	127	.1137		681		
5	.1728	75	.1400		816	.2667	134	.1405		726		
6	.2060	80	.1667		853	.3200	142	.1672		763		
7			.1934		881			.1940		793		
8			.2200		904			.2208		817		
9			.2467		923			.2475		836		
10			.2734		940			.2743		856		
11			.3000		951			.3010		869		
12												
13												
14												
15												

Reading Interval 5 4 8 4 Minutes

REMARKS: * = 6 minute interval. ** = 5 minute interval. *** = 5 minute interval.



	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing	6"	2 3/4"	1'	
Reversing Sub				
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	2181'	
Drill Collars	4 1/2"	2.764"	892'	
Drill Collars Weight Pipe	5 3/4"	3 3/4"	5'	
Handling Sub & Choke Assembly	5"	.87"	5'	3083'
Dual CIP Valve				
Dual CIP Sampler	5"	.75"	5'	3088'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	3090'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover	5"		1'	
Packer Assembly				
Distributor				
Packer Assembly	6 3/4"	1.53"	6'	3106'
Flush Joint Anchor	5"	2.37"	25'	
Pressure Equalizing Tube	5"		1'	
Blanked-Off B.T. Running Case	5"	3.06"	4'	3135'
Drill Collars				
Anchor Pipe Safety Joint				
Packer Assembly	6 3/4"	1.53"	6'	3140'
Distributor Double Pin Sub	5"	2.25"	1'	
Packer Assembly Flush Jt. Anchor	5"	2.37"	25'	
Anchor Pipe Safety Joint Change Over	6"	2.25"	1'	
Sub				
Side Well Anchor Weight Pipe	4 1/2"	2.764"	64'	
Drill Collars Change Over Sub	6"	2.25"	1'	
Flush Joint Anchor	5"	2.37"	3'	
Blanked-Off B.T. Running Case	5"	2.44"	4'	3240'
Total Depth				3243'

D.S.T. Report Distribution



A Division of Halliburton Company

FORM 1509R3

DUNCAN, OKLAHOMA 73533

Rupe Oil Co. Inc

Company Name - - Lease Owner

Requested Distribution of Completed D.S.T. Report Folder
for Ticket No. 296474

(This Order Must Be Filled Out and Signed By Company Representative)

Company Rupe Oil Co. Inc
Orig. Chart

5

& Reports

ATT.

P.O. BOX
STREET & NO. 434 OHIO BOX 2273
BUILDING
CITY WICHITA KANSAS
STATE
ZIP CODE NUMBER 67201

Company



Reports

ATT.

P.O. BOX
STREET & NO.
BUILDING
CITY
STATE
ZIP CODE NUMBER

Company



Reports

ATT.

P.O. BOX
STREET & NO.
BUILDING
CITY
STATE
ZIP CODE NUMBER

Company



Reports

ATT.

P.O. BOX
STREET & NO.
BUILDING
CITY
STATE
ZIP CODE NUMBER

Company



Reports

ATT.

P.O. BOX
STREET & NO.
BUILDING
CITY
STATE
ZIP CODE NUMBER

Owner - Operator - or His Agent

SIGNED

W. G. Clement

, Agent

Send 1st, 2nd and 3rd Copy with Charts

(Use Additional Sheets When Necessary)

Formation Testing Service Report

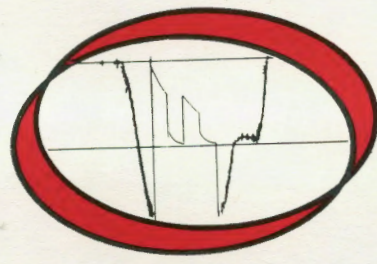
MILLER
Lease Name

1
Well No.

2
Test No.

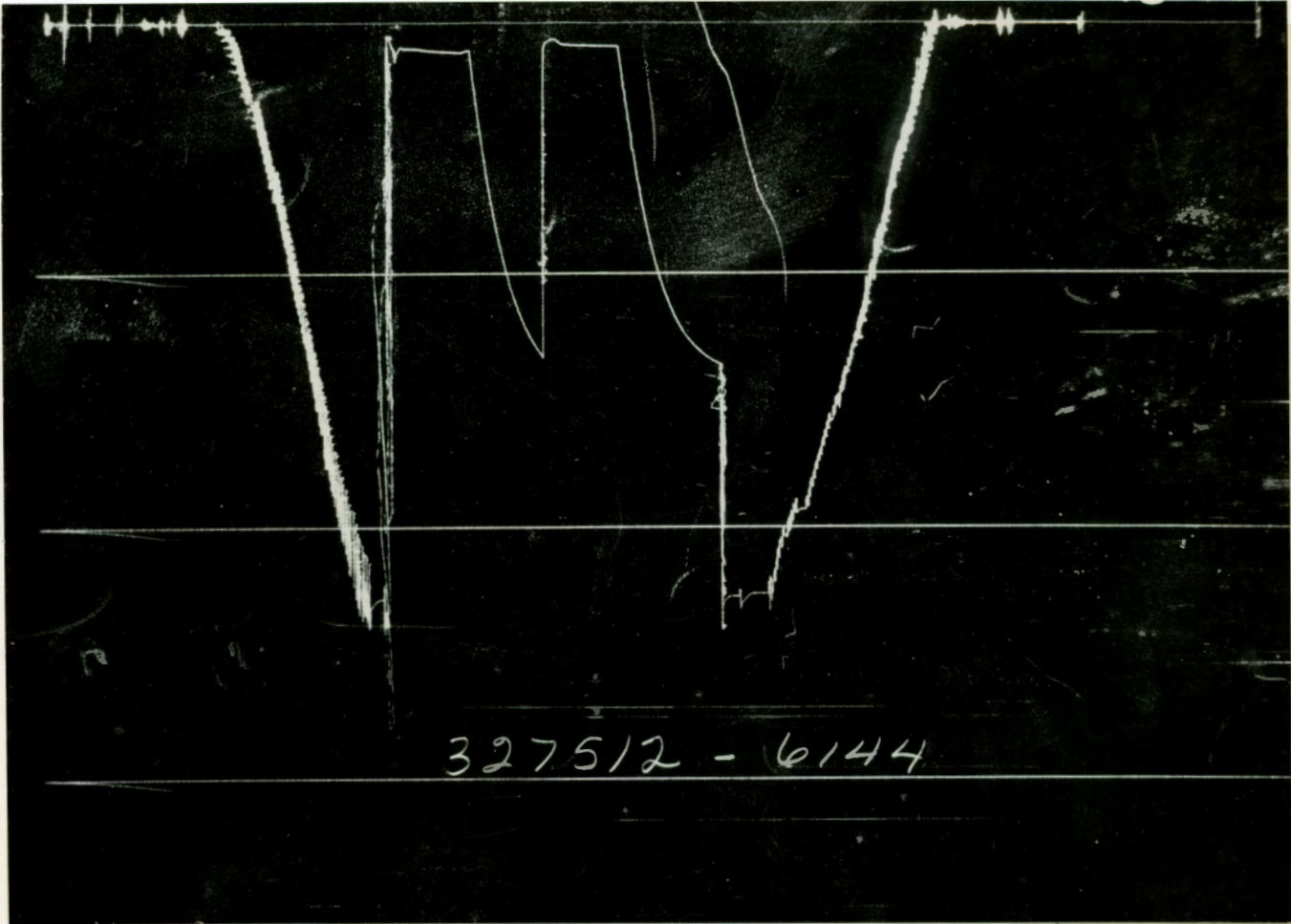
4628-4698'
Tested Interval

RUPE OIL COMPANY, INCORPORATED
Lease Owner/Company Name



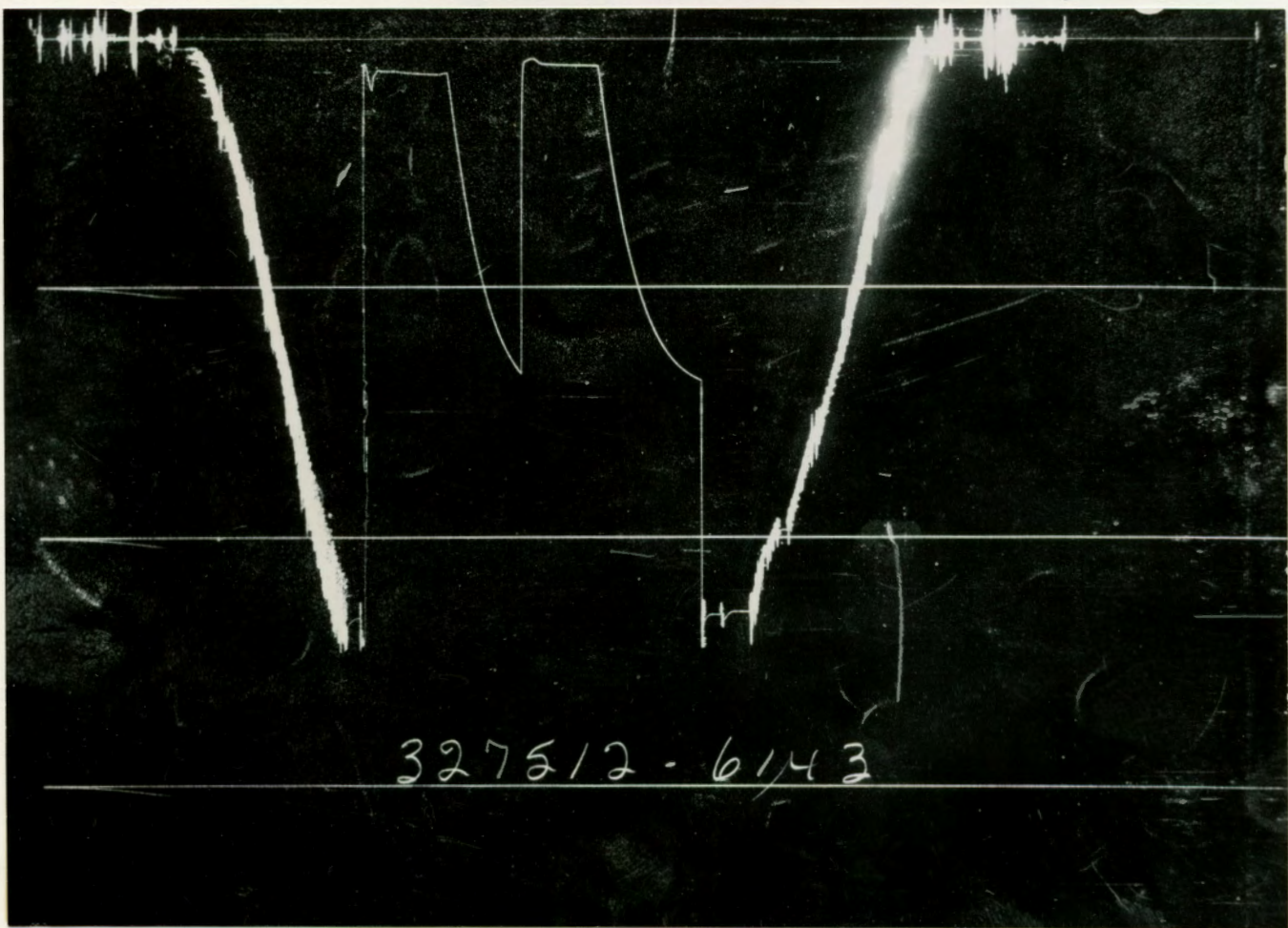
JAN 10 1978

HALLIBURTON SERVICES
DUNCAN, OKLAHOMA



PRESSURE

TIME



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

Casing perms. _____ Bottom choke .75 Surf. temp. 33 °F Ticket No. 327512
 Gas gravity _____ Oil gravity _____ GOR _____
 Spec. gravity _____ Chlorides _____ ppm Res. _____ °F
 Merla Tester 2" @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
2020						Made up tool
2100						Tool through table
2248						Tool on bottom wt/50 M
2250						Opened tool with a fair blow
2306						Gas to surface
2310		1/4"	3.5	17.1		
2315		"	6	22.9		
2320		"	7	25		
2325		"	7.5	26.1		
2330		"	8	27		
2335		"	8	27		Closed tool
2420		"				Opened tool-change choke
2425		3/4"	5	180		
2430		3/4"	3	133		Change choke
2435		3/8"	5	44.2		
2440		"	5	44.2		
2445		"	6	48.8		
2450		"	6	48.8		
2455		"	6	48.8		
0100		"	6	48.8		
0105		"	6	48.8		Closed tool
0205						Came off bottom

5

Gauge No. 6144			Depth 4611'				Clock No.			12 hour	Ticket No. 327512				
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	.055	56	.000		114	.000	100	.000		96					
1	.110	103	.0138		234*	.0606	80	.0343		348**					
2	.165	108	.0414		434	.1212	92	.0755		614					
3	.220	115	.0691		626	.1818	93	.1167		828					
4	.275	119	.0967		780	.2424	95	.1579		981					
5	.330	122	.1243		908	.3030	96	.1991		1112					
6		114	.1519		1014			.2403		1200					
7			.1795		1108			.2814		1260					
8			.2072		1183			.3226		1303					
9			.2348		1238			.3638		1336					
10			.2624		1288			.4050		1356					
11			.2900		1331										
12															
13															
14															
15															

Gauge No. 6143			Depth 4694'				Clock No. 14284			hour 12					
	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	.000	102	.000		138	.000	97	.000		110					
1	.0557	130	.014		237*	.062	87	.0348		368**					
2	.1113	132	.042		453	.124	105	.0766		634					
3	.1670	137	.070		633	.186	106	.1184		837					
4	.2227	141	.098		792	.248	108	.1602		1005					
5	.2784	144	.126		920	.310	110	.2020		1121					
6	.3340	138	.154		1034			.2438		1211					
7			.182		1127			.2856		1276					
8			.210		1199			.3274		1321					
9			.238		1261			.3692		1353					
10			.266		1309			.4110		1373					
11			.294		1346										
12															
13															
14															
15															

Reading Interval 8 4 9 6 Minutes

REMARKS: *-2 minutes **-5 minutes.

9

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	5 5/8"	2"	1'	
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	3953'	
Drill Collars	4 1/2"	2.764"	646'	
Handling Sub & Choke Assembly	5 3/4"	.87"	6'	4600'
Dual CIP Valve				
Dual CIP Sampler	5"	.75"	5'	4605'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	4'	4611'
Hydraulic Jar				
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	6 3/4"	1.53"	6'	4628
Distributor				
Packer Assembly	6 3/4"	1.53"	6'	4628'
Flush Joint Anchor	6"	2"	1' Change over sub	
Pressure Equalizing Tube	4 1/2"	2.764"	32' Weight Pipe	
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	6"	2"	1' Change over sub	
Flush Joint Anchor	5"	2.36"	30'	
Blanked-Off B.T. Running Case	5"	2.44"	4'	4694'
Total Depth				4698'

5



A Division of Halliburton Company

FORM 1509R3

DUNCAN, OKLAHOMA 73533

Rupe Oil Co Inc
Company Name - - Lease Owner

Requested Distribution of Completed D.S.T. Report Folder
for Ticket No. 327512

(This Order Must Be Filled Out and Signed By Company Representative)

Company Rupe Oil Co Inc
Orig. Chart

5

& Reports

ATT.

P.O. BOX Box 2273
STREET & NO. BUILDING
CITY Wichita Ks
STATE
ZIP CODE NUMBER 67207

Company



Reports

ATT.

P.O. BOX
STREET & NO.
BUILDING
CITY
STATE
ZIP CODE NUMBER

Company



Reports

ATT.

P.O. BOX
STREET & NO.
BUILDING
CITY
STATE
ZIP CODE NUMBER

Company



Reports

ATT.

P.O. BOX
STREET & NO.
BUILDING
CITY
STATE
ZIP CODE NUMBER

Company



Reports

ATT.

P.O. BOX
STREET & NO.
BUILDING
CITY
STATE
ZIP CODE NUMBER

Owner - Operator - or His Agent

SIGNED John Carl, Agent

Send 1st, 2nd and 3rd Copy with Charts

(Use Additional Sheets When Necessary)