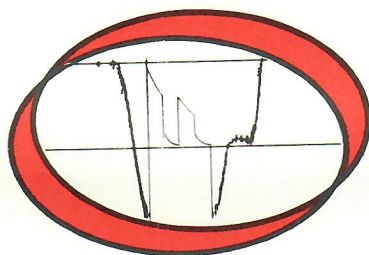


Formation Testing Service Report



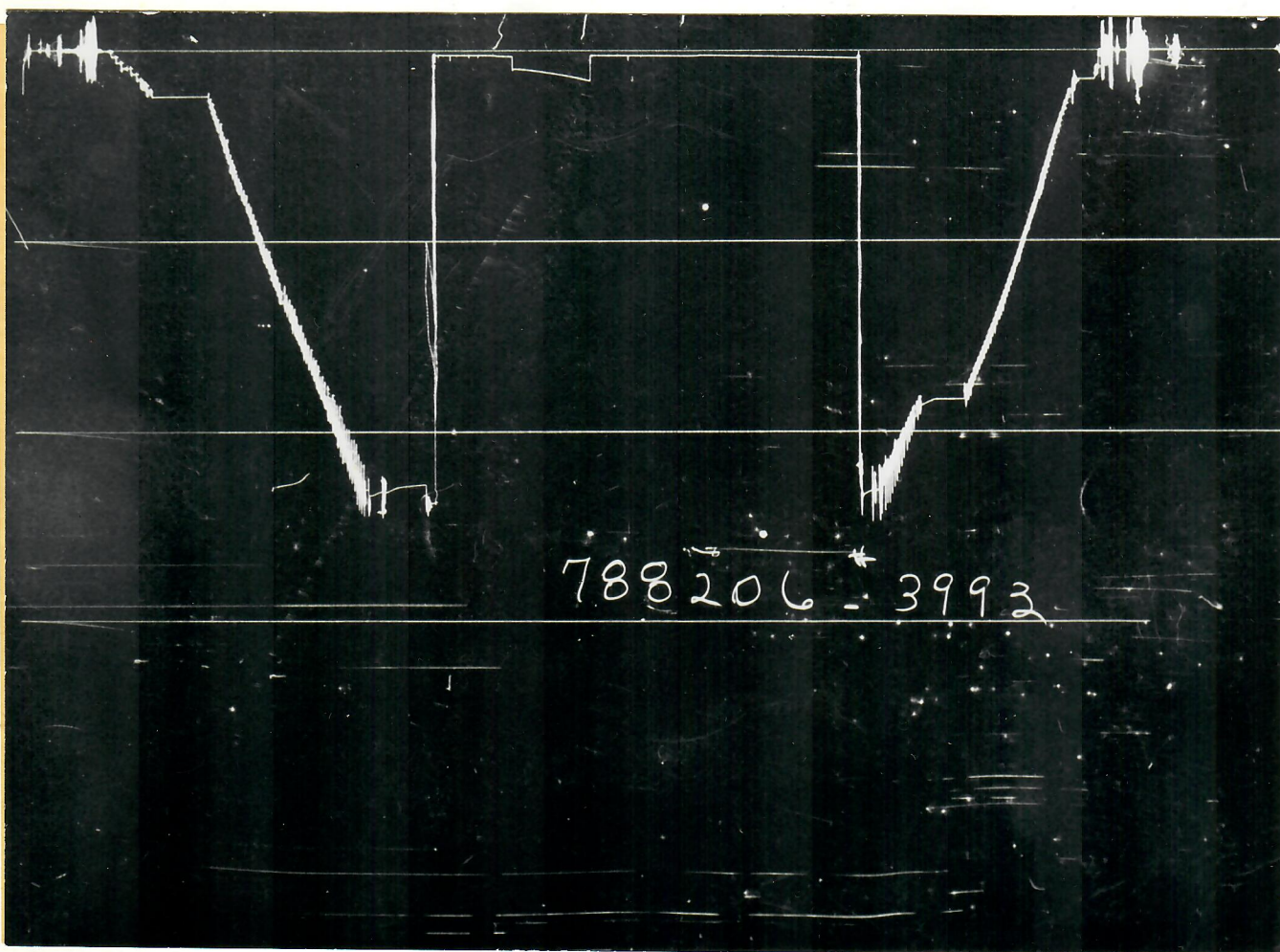
RECEIVED
SEP 25 1975
COLO. OIL & GAS CONS. COMM.



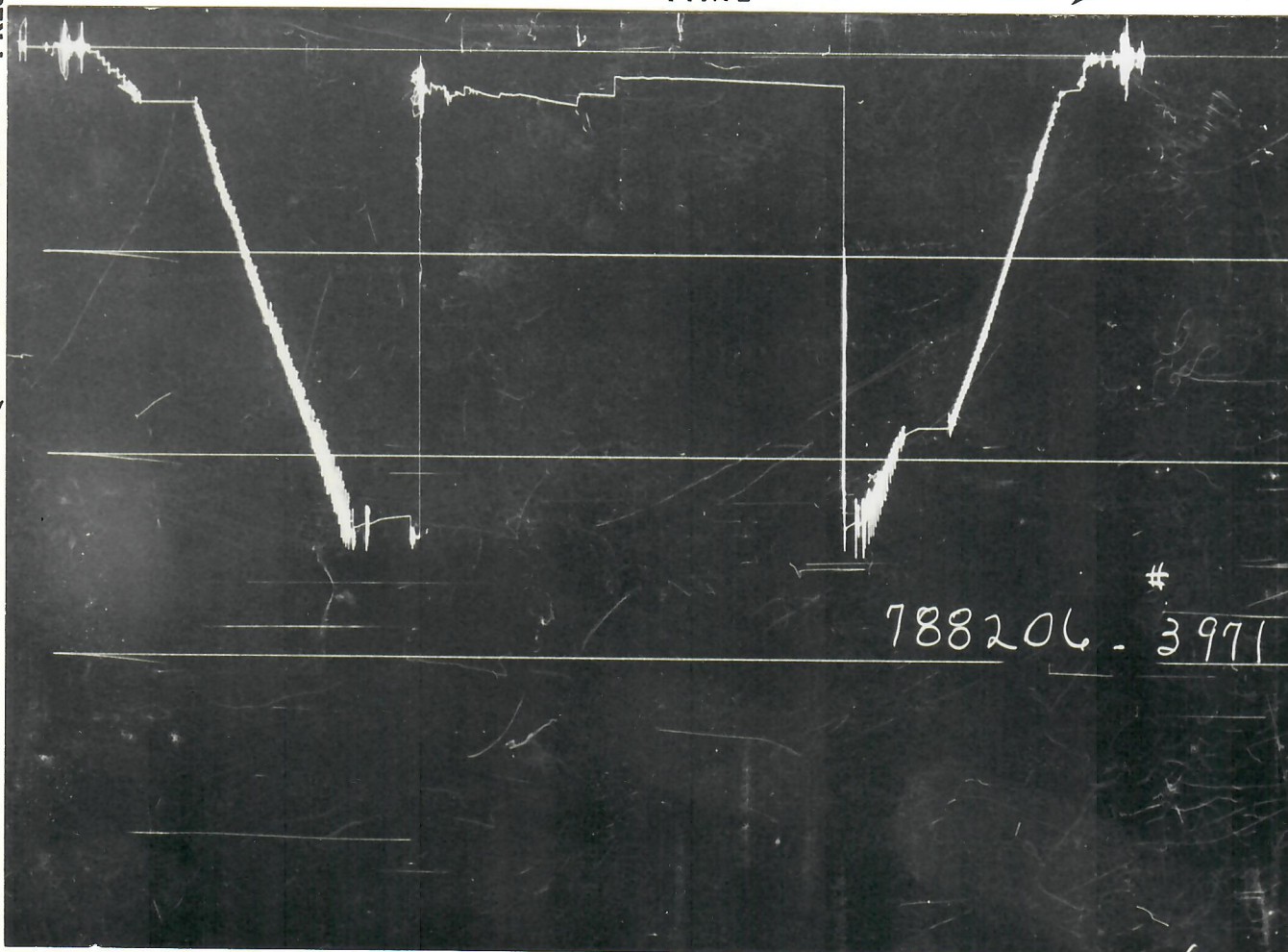
HALLIBURTON SERVICES

DUNCAN, OKLAHOMA

PRESSURE
↓



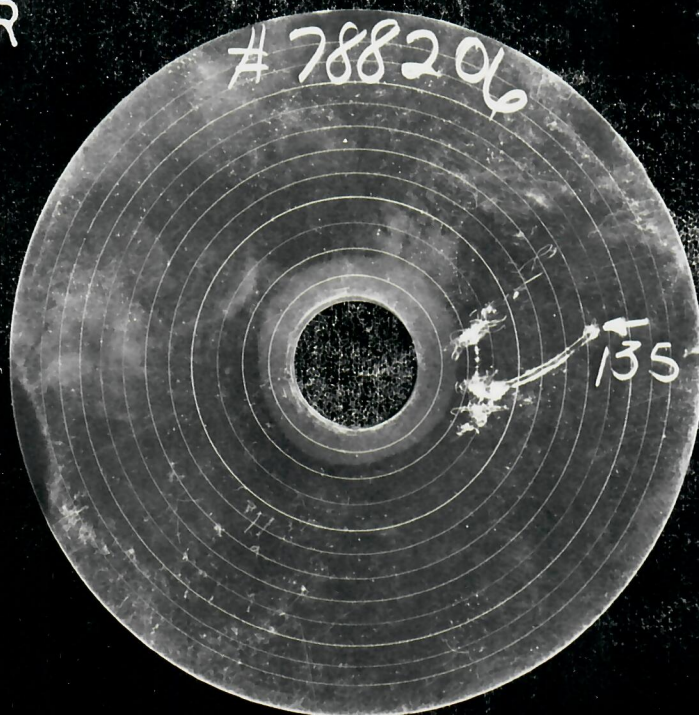
TIME
→



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

	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	5.75"	2.75"	12"	
Water Cushion Valve				
Drill Pipe	4 $\frac{1}{2}$ "	3.826"	4398'	
Drill Collars	6 $\frac{1}{4}$ "	2.25"	437'	
Handling Sub & Choke Assembly ***** aaa	5.87"	3"	56.50"	
Dual CIP Valve				
Dual CIP Sampler	5"	1.87"	84.50"	4836'
Hydro-Spring Tester	5"	1.75"	60.21"	4841'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3.06"	49.63"	4842'
Hydraulic Jar	5"	1.75"	60"	
VR Safety Joint	5"	1"	33.40"	
Pressure Equalizing Crossover				
Packer Assembly	6.75"	1.53"	69.73"	4857'
Distributor				
Packer Assembly	6.75"	1.53"	69.73"	4863'
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				
Flush Joint Anchor	5"	3.24"	15'	
Blanked-Off B.T. Running Case	5"	2.44"	48.71"	4881'
Total Depth				4885'

TEMPERATURE
RECORDER
CHART



NOMENCLATURE

b	= Approximate Radius of Investigation	Feet
b₁	= Approximate Radius of Investigation (Net Pay Zone h ₁)	Feet
D.R.	= Damage Ratio	—
EI	= Elevation	Feet
GD	= B.T. Gauge Depth (From Surface Reference)	Feet
h	= Interval Tested	Feet
h₁	= Net Pay Thickness	Feet
K	= Permeability	md
K₁	= Permeability (From Net Pay Zone h ₁)	md
m	= Slope Extrapolated Pressure Plot (Psi ² /cycle Gas)	psi/cycle
OF₁	= Maximum Indicated Flow Rate	MCF/D
OF₂	= Minimum Indicated Flow Rate	MCF/D
OF₃	= Theoretical Open Flow Potential with/Damage Removed Max.	MCF/D
OF₄	= Theoretical Open Flow Potential with/Damage Removed Min.	MCF/D
P_s	= Extrapolated Static Pressure	Psig.
P_f	= Final Flow Pressure	Psig.
P_{or}	= Potentiometric Surface (Fresh Water *)	Feet
Q	= Average Adjusted Production Rate During Test	bbls/day
Q₁	= Theoretical Production w/Damage Removed	bbls/day
Q_g	= Measured Gas Production Rate	MCF/D
R	= Corrected Recovery	bbls
r_w	= Radius of Well Bore	Feet
t	= Flow Time	Minutes
t_o	= Total Flow Time	Minutes
T	= Temperature Rankine	°R
Z	= Compressibility Factor	—
μ	= Viscosity Gas or Liquid	CP
Log	= Common Log	

* Potentiometric Surface Reference to Rotary Table When Elevation Not Given,
Fresh Water Corrected to 100° F.