

Casing perms. _____ Bottom choke _____ Surf. temp _____ °F Ticket No. 000685
Gas gravity _____ Oil gravity _____ GOR _____
Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F
INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

[illegible]

Gauge No. 6040		Depth 5578'		Clock No. 14121		12 hour		Ticket No. 000685	
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure		Third Flow Period	
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$
0	.000 349-Q	.000		1467	.000		1677	.000	
1	.0131* UTR	.0134		2088	.0412**		1755	.0407	
2	.0327 936	.0269		2183	.0756		1881	.0815	
3	.0522 1138	.0403		2232	.1100		1989	.1222	
4	.0718 1234	.0537		2262	.1443		2071	.1630	
5	.0914 1348	.0672		2284	.1787		2133	.2037	
6	.1110 1467	.0806		2297	.2130		2176	.2444	
7		.0940		2309				.2852	
8		.1074		2318				.3259	
9		.1209		2325				.3667	
10		.1343		2329				.4074	
11		.1477		2333				.5160	
12		.1612		2337				.6247	
13		.1746		2339				.7333	
14		.1880		2342				.8420	
15									

Gauge No. 6039		Depth 5604'		Clock No. 7276		24 hour		
First Flow Period		First Closed In Pressure		Second Flow Period		Second Closed In Pressure		
Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	
0	.000 311	.000		1536	.000		1730	.000
1	.0068* 889	.0069		2062	.0203**		1804	.0203
2	.0171 1113	.0137		2179	.0373		1916	.0406
3	.0273 1327	.0206		2236	.0542		2008	.0610
4	.0375 1364	.0274		2267	.0711		2087	.0813
5	.0478 1451	.0343		2288	.0881		2143	.1016
6	.0580 1536	.0412		2303	.1050		2186	.1219
7		.0480		2314				.1422
8		.0549		2324				.1626
9		.0617		2330				.1829
10		.0686		2336				.2032
11		.0755		2339				.2574
12		.0823		2343				.3116
13		.0892		2346				.3658
14		.0960		2349				.4200
15								

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Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	$\log \frac{t + \theta}{\theta}$	PSIG Temp. Corr.	
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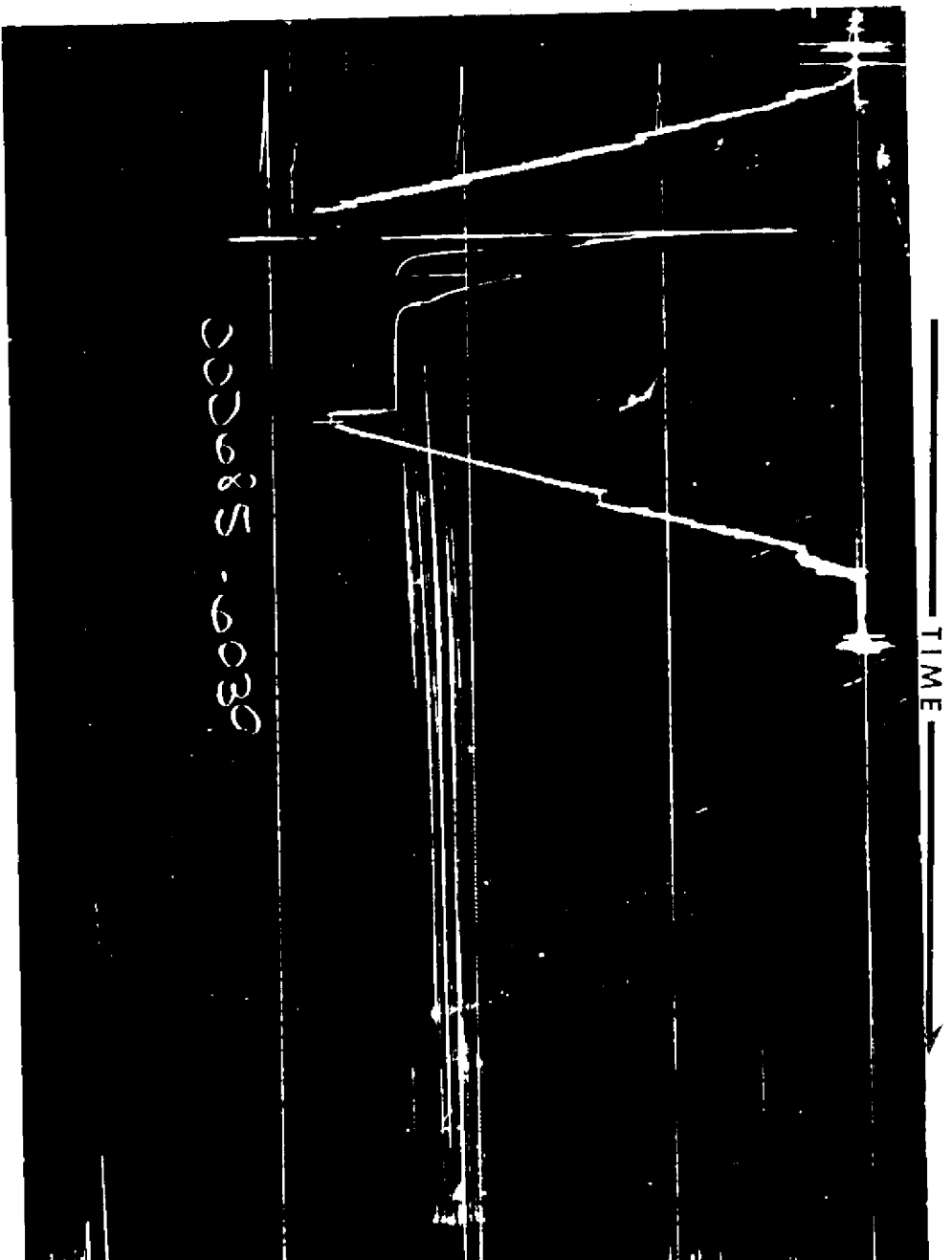
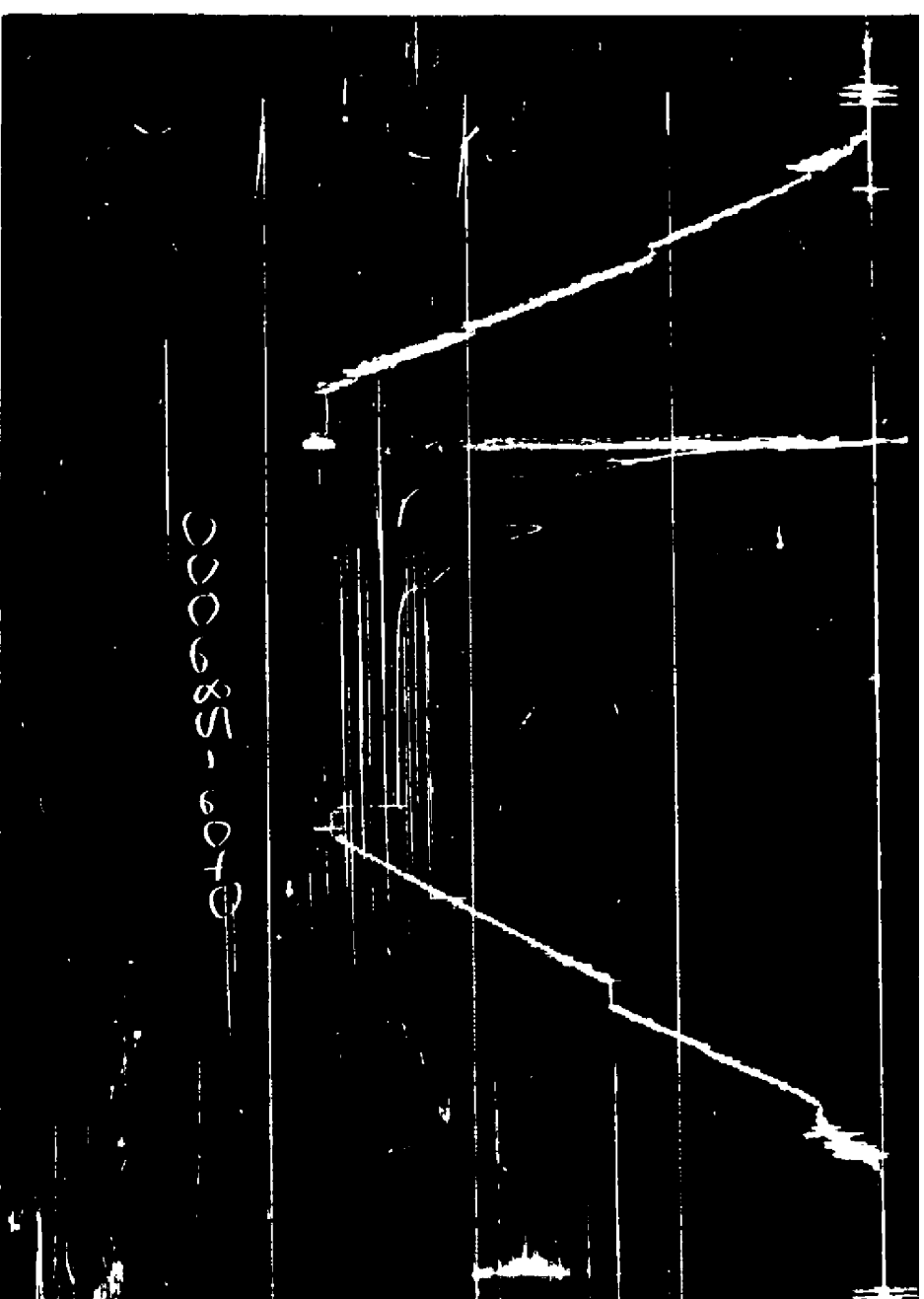
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	O. D.	I. D.	LENGTH	DEPTH
Drill Pipe or Tubing				
Reversing Sub	6"	2.50"	1'	
Water Cushion Valve				
Drill Pipe	4 1/2"	3.826"	4936'	
Drill Collars	6 1/4"	2.25"	622'	
Handling Sub & Choke Assembly				
Dual CIP Valve	5"	.89"	5'	5569'
Dual CIP Sampler	5"	2.75"	2'	5572'
Hydro-Spring Tester	5"	.75"	5'	5574'
Multiple CIP Sampler				
Extension Joint				
AP Running Case	5"	3"	4'	5578'
Hydraulic Jar	5"	1.75"	5'	
VR Safety Joint	5"	1"	3'	
Pressure Equalizing Crossover				
Packer Assembly	7 3/4"	1.53"	6'	5587'
Distributor				
Packer Assembly	7 3/4"	1.53"	6'	5593'
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 3/4"	2.50"	11'	
Blanked-Off B.T. Running Case	5 3/4"	3"	4'	5604'
Total Depth				5608'

NOMENCLATURE

b	= Approximate Radius of Investigation	Feet
b_1	= Approximate Radius of Investigation (Net Pay Zone h_1)	Feet
$D.R.$	= Damage Ratio	
E_l	= Elevation	Feet
GD	= B.T. Gauge Depth (From Surface Reference)	Feet
h	= Interval Tested	Feet
h_1	= Net Pay Thickness	Feet
K	= Permeability	md
K_1	= Permeability (From Net Pay Zone h_1)	md
m	= Slope Extrapolated Pressure Plot (Psi ² /cycle Gas)	psi/cycle
OF_1	= Maximum Indicated Flow Rate	MCF/D
OF_2	= Minimum Indicated Flow Rate	MCF/D
OF_3	= Theoretical Open Flow Potential with/Damage Removed Max.	MCF/D
OF_4	= Theoretical Open Flow Potential with/Damage Removed Min.	MCF/D
P_s	= Extrapolated Static Pressure	Psig.
P_f	= Final Flow Pressure	Psig.
P_o	= Potentiometric Surface (Fresh Water *)	Feet
Q	= Average Adjusted Production Rate During Test	bbbls/day
Q_1	= Theoretical Production w/Damage Removed	bbbls/day
Q_g	= Measured Gas Production Rate	MCF/D
R	= Corrected Recovery	bbbls
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 is 2.2 ft. Table When Elevation Not Given, Fresh Water Corrected to 100 °F.



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