

Complete Field Service and Chart Evaluation

FORMATION TESTING SERVICES INC.

FORMATION TEST REPORT

I.G. STEPHENSON
A2 SHANELEC

P.O. Box 518
Hays, Kans. 67601

Hays-Bus. (913) 628-1115
Great Bend-Bus. (316) 792-6187

FTS

FORMATION TESTING SE
DRILL-STEM TEST

COMPANY - LG STEPHENSON
WELL - A2 SHANELEC
COUNTY - ELLSWORTH
STATE - KANSAS

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WELL - A2 SHANELEC
COUNTY - ELLSWORTH
STATE - KANSAS
LOCATION - NW-NE-NW
SEC: 25 TYP: 15S
PERMANENT DATUM: GL
ELEV OF PERM DATUM: 1599
INTERVALS TESTED
MEASURED FROM: KB

TOTAL DST'S: 2	D.S.T. #2	
DATE	1/27/85	
ZONE TESTED	LKC 80	
INTERVAL	2684-2744	
ANCHOR LENGTH	60	FT
INITIAL HYDRO.	1391	PSI
INIT. FLOW PRESS.	172-174	PSI
INIT. SHUT-IN	775	PSI
FINAL FLOW PRESS.	222-213	PSI
FINAL SHUT-IN	716	PSI
FINAL HYDRO.	1367	PSI
TOTAL FLUID REC.	560	FT
GAS	34.406	BBL
OIL	1.958	BBL
WATER	2.005	BBL
MUD	2.657	BBL
TOTAL FLUID REC.	6.62	BBL

RVICES, INC.
REPORT

NSON

RGE: 9W

ELEVATIONS

KB: 1604

DF:

GL: 1599

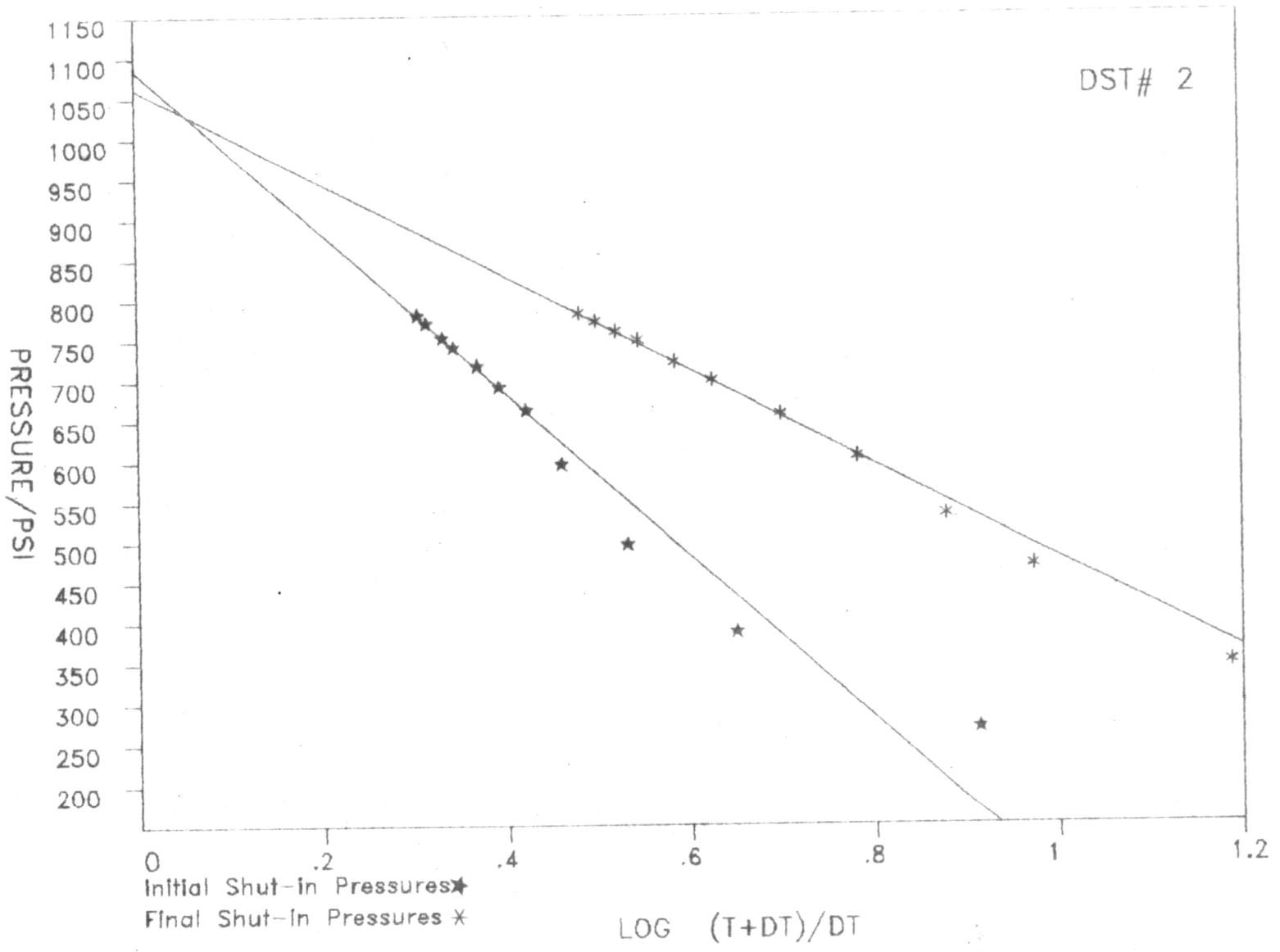
	D.S.T. #2	
HOLE SIZE	7.875	IN
ZONE POROSITY	26	%
EFF. FT. OF PAY	14	FT
FLOW RATE GAS	NTS	MCFD
GRAVITY A.P.I.	35(Default)	API
CHLORIDES-MUD	71K	PPM
CHLORIDES-REC. FLUID	NA	PPM
FORMATION TEMP.	105	F
PIPE CAP.	.0155	BBL/FT
WEIGHT PIPE CAP.	0	BBL/FT
COLLAR CAP.	0	BBL/FT
EXTRA EQUIPMENT		
Internal Recorder #		
External Recorder #	1620	
TIME PERIODS-MINUTES	60-60-60-60	
TESTER	DST INC.	
CO. REP.	MR. JAPP	
AVG. GAS FLOW	NTS	

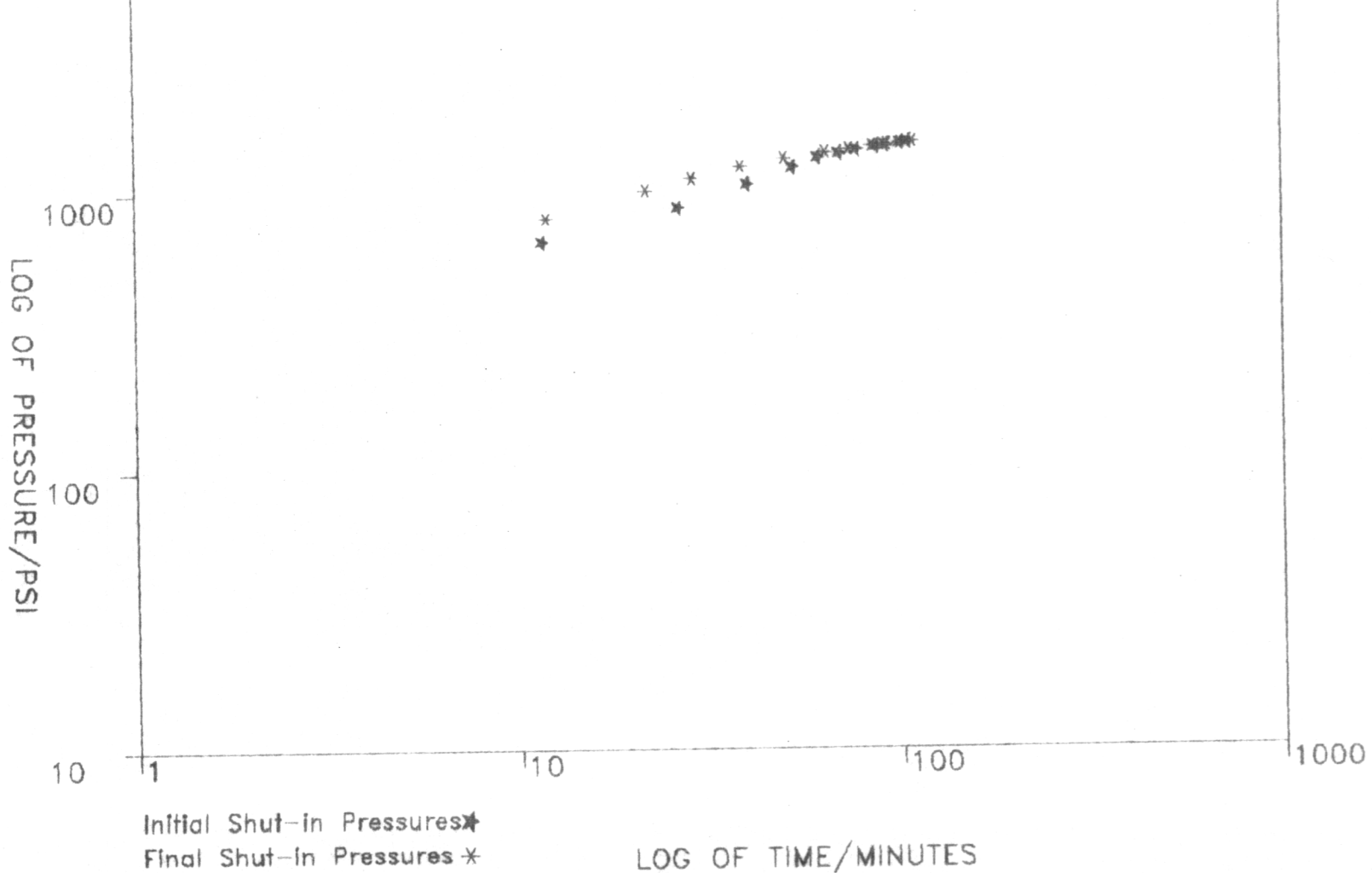
DST# 2

PRE 500

750







CALCULATIONS			
	D.S.T.# 2		
GAS/OIL RATIO	233.667	CU FT/BBL	
FORMATION VOLUME FACTOR	1.116		
VIS OF FLUID (RESERVOIR)	2.412	CP	
BUBBLE POINT	1077.116	PSI	
EXTRAP. PRES. (1st Shut-In)	1085.273	PSI	
EXTRAP. PRES. (2nd Shut-In)	1061.612	PSI	
SLOPE OF 2nd SHUT-IN CURVE	579.473	PSI/LC	
TRANSMISSIBILITY (LIQUID)	12.103	md-ft/cp	
FLOW CAPACITY	29.192	md-ft	
PRODUCTIVITY INDEX	.006	BPD/PSI	
POTENTIOMETRIC SURFACE	4065.879	ft ASL	
PERMEABILITY	2.085	md	
RADIUS OF INVESTIGATION	19.978	FT	
FLOW RATE (TOTAL FLUID)	78.223	BPD	

FLOW RATE (OIL)	38,648	BOPD		
ESTIMATED DAMAGE RATIO	.266			
POTENTIAL/DAMAGE REMOVED	38.648	BOPD		