

Complete Field Service and Chart Evaluation

FORMATION TESTING SERVICES INC.

FORMATION TEST REPORT

I.G. STEPHENSON
PICKENS NO1

P.O. Box 518
Hays, Kans. 67601

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

FORMATION TESTING SERVICES
DRILL-STEM TEST REPORT

COMPANY - I.G. STEPHENSON
WELL - PICKENS NO1
COUNTY - ELLSWORTH
STATE - KANSAS

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WELL - PICKENS NO1
COUNTY - ELLSWORTH
STATE - KANSAS
LOCATION - 235FNL 1950
SEC:25 TYP:15S RC
PERMANENT DATUM:GL ELEV OF PERM DATUM:1558 K
INTERVALS TESTED D
MEASURED FROM:KB G

TOTAL DST'S:4	D.S.T.#4		
DATE	6/12/84		
ZONE TESTED	LKC 80-9		
INTERVAL	2660-2725		
ANCHOR LENGTH	56	FT	
INITIAL HYDRO.	1410	PSI	
INT. FLOW PRESS.	132-177	PSI	
INT. SHUT-IN	828	PSI	
FINAL FLOW PRESS.	232-238	PSI	
FINAL SHUT-IN	795	PSI	
FINAL HYDRO.	1371	PSI	
TOTAL FLUID REC.	650	FT	
GAS	48,637	BBL	
OIL	2.32	BBL	
WATER	1.263	BBL	
MUD	.571	BBL	
TOTAL FLUID REC.	4.154	BBL	

ICES, INC.
REPORT

ON

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SE:9W

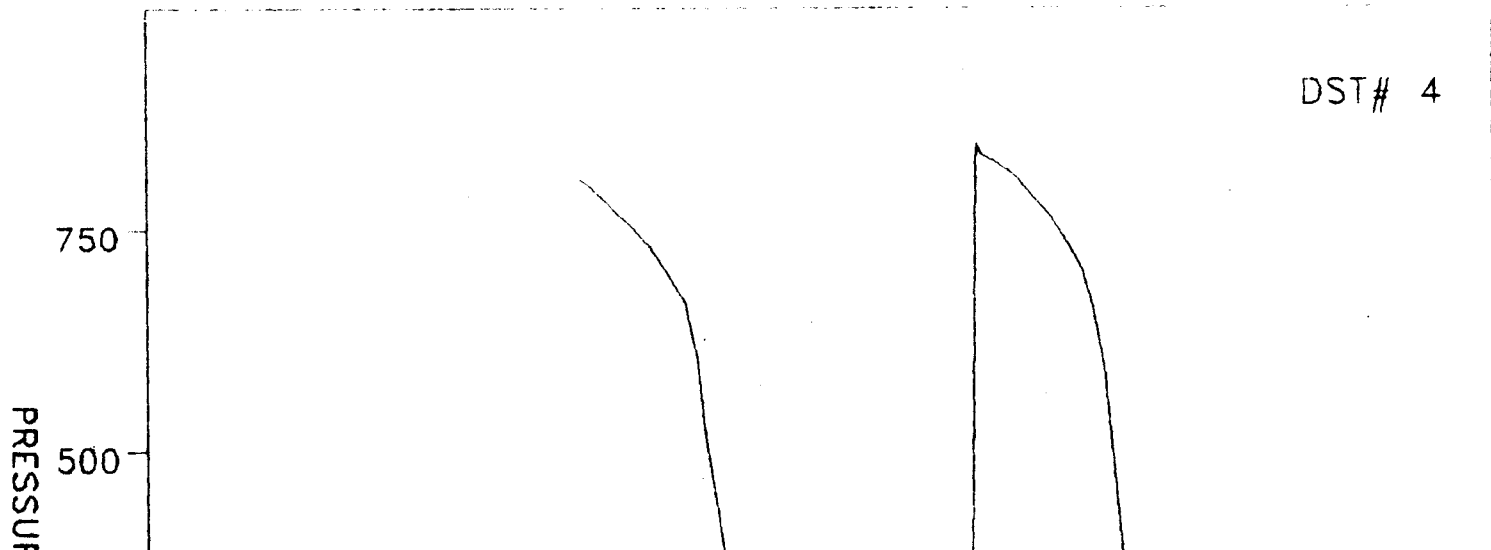
EVATIONS

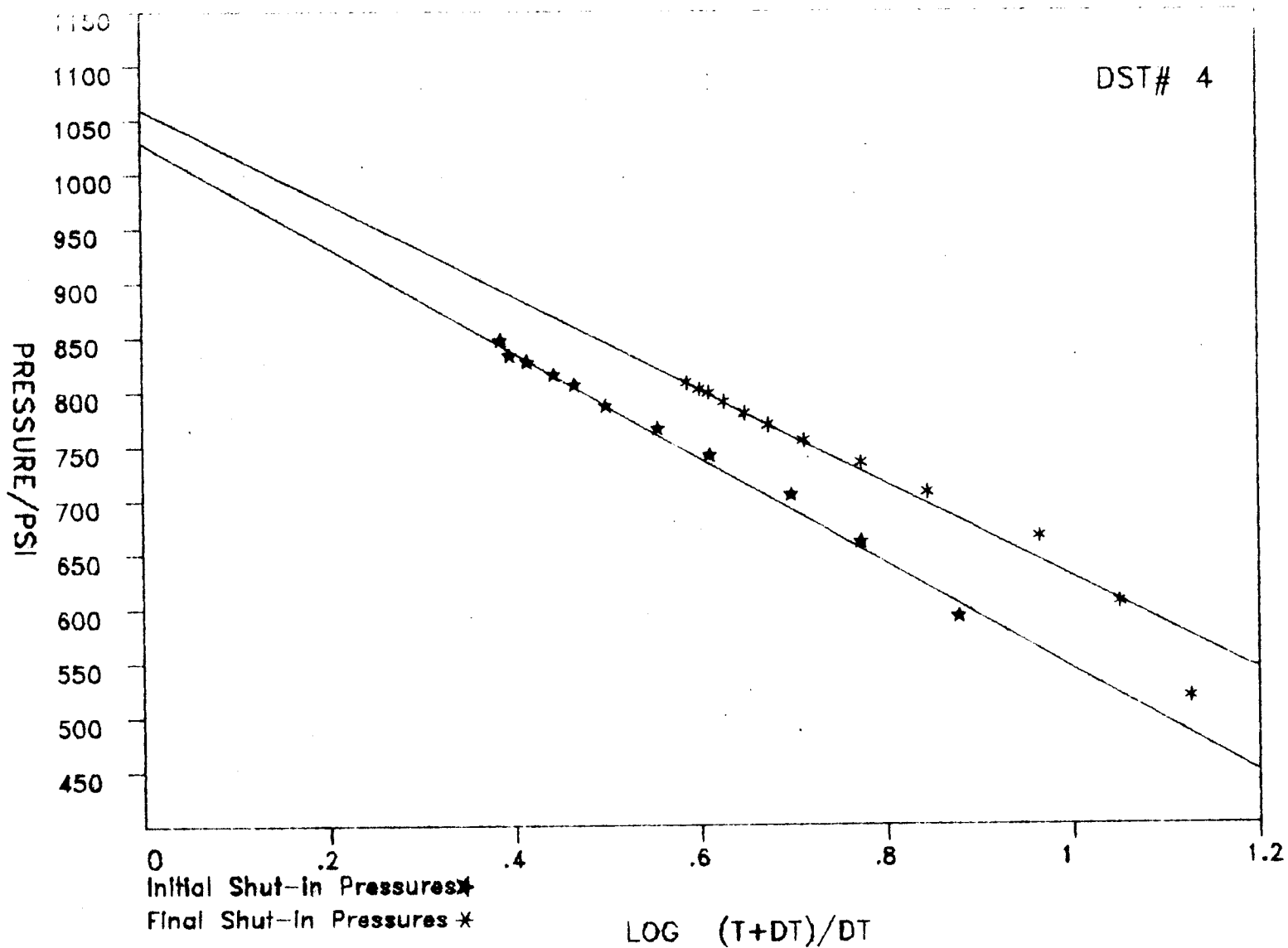
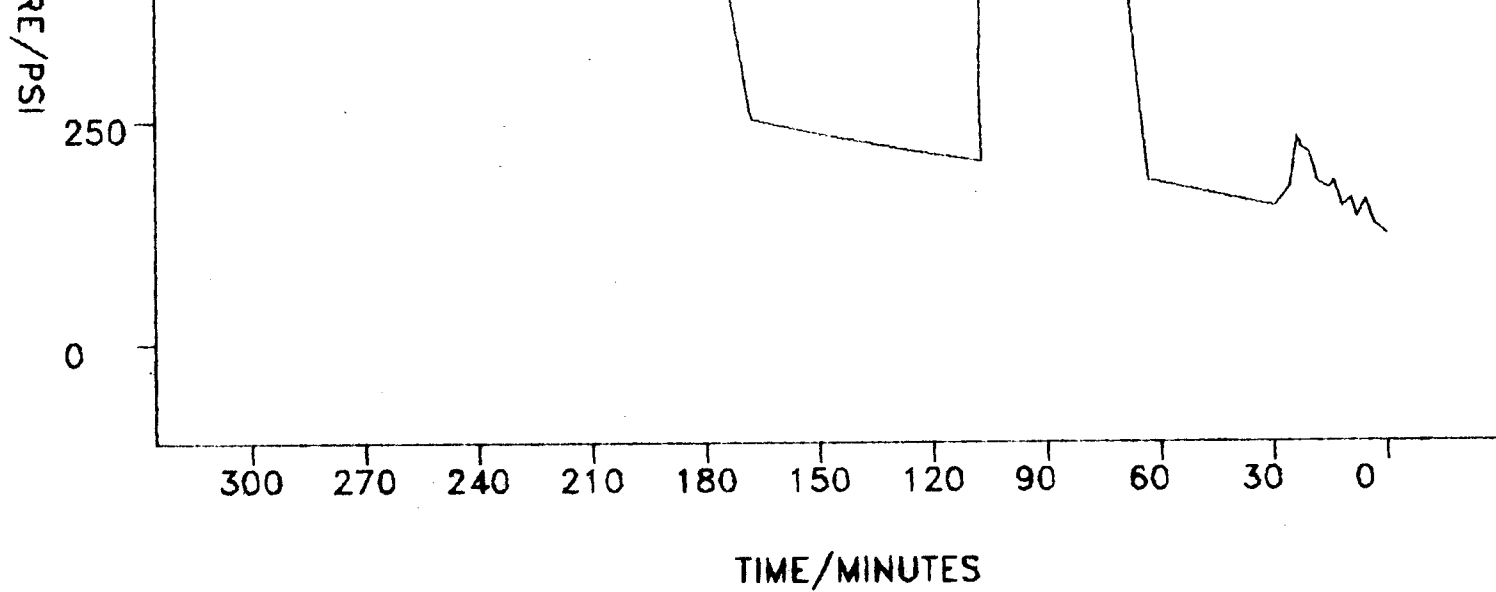
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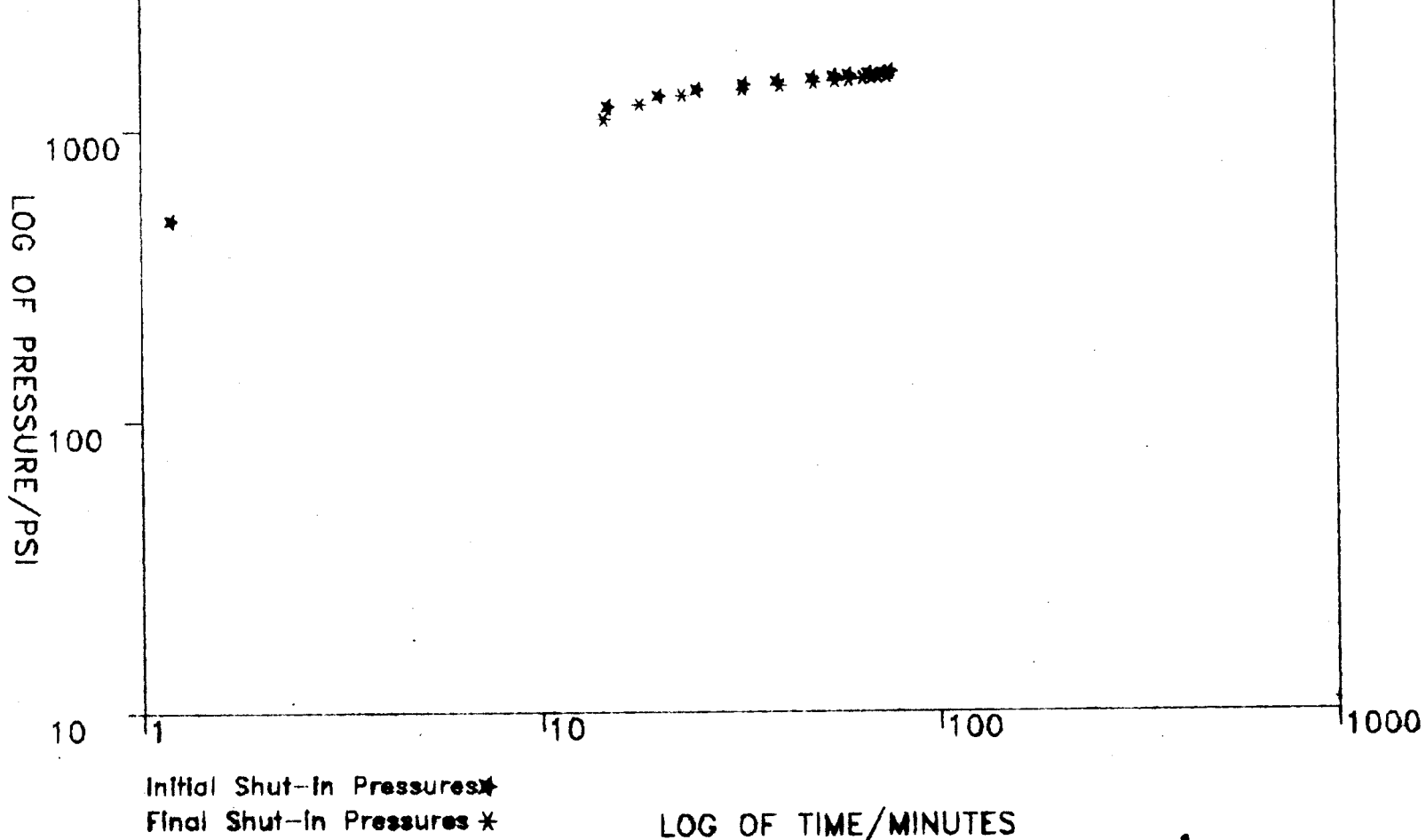
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L1558

	D.S.T.#4			
HOLE SIZE	7.875	IN		
ZONE POROSITY	23	%		
EFF. FT. OF PAY	15	FT		
FLOW RATE GAS	GTS 40MIN	MCFD		
GRAVITY A.P.I.	35(Default)	API		
CHLORIDES-MUD	50K	PPM		
CHLORIDES- REC. FLUID	NA	PPM		
FORMATION TEMP.	101	F		
PIPE CAP.	.0155	BBL/FT		
WEIGHT PIPE CAP.	.0049	BBL/FT		
COLLAR CAP.	0	BBL/FT		
EXTRA EQUIPMENT				
Internal Recorder #				
External Recorder #	13310			
TIME PERIODS-MINUTES	60-45-60-45			
TESTER	STAR HUGHES			
CO. REP.	STEPHENSON			
AVG. GAS FLOW	GTS 40MIN			







CALCULATIONS			
	D.S.T.# 4		
GAS/OIL RATIO	252.714	CU FT/BBL	
FORMATION VOLUME FACTOR	1.115		
VIS OF FLUID (RESERVOIR)	2.603	CP	
BUBBLE POINT	1140.423	PSI	
EXTRAP. PRES. (1st Shut-In)	1029.335	PSI	
EXTRAP. PRES. (2nd Shut-In)	1059.722	PSI	
SLOPE OF 2nd SHUT-IN CURVE	430.178	PSI/LC	
TRANSMISSIBILITY (LIQUID)	9.630999	md-ft/cp	
FLOW CAPACITY	25.074	md-ft	
PRODUCTIVITY INDEX	.004	BPD/PSI	
POTENTIOMETRIC SURFACE	4020.495	ft ASL	
PERMEABILITY	1.672	md	
RADIUS OF INVESTIGATION	18.41	FT	
FLOW RATE (TOTAL FLUID)	35.299	BPD	
FLOW RATE (OIL)	22.856	BOPD	

ESTIMATED DAMAGE RATIO	.344		
POTENTIAL/DAMAGE REMOVED	22.856	BOPD	