



Baker Oil Tools



**DAVID H. ARRINGTON OIL & GAS, INC.
SPARKLE DUNN 23 #1
DST #1
December 1, 2000**

COMPANY: DAVID H. ARRINGTON OIL & GAS, INC.
LEASE NAME: SPARKLE DUNN 23 #1
INTERVAL TESTED: 4665' - 4703'
TEST DATE: 12/1/00



Pressure Test Report

COMPANY INFORMATION

Company Name	DAVID H. ARRINGTON OIL & GAS, INC.
Representative	DANNY LEDFORD
Phone	915-682-6685
Fax	915-682-4139
Address	P. O. BOX 2071 MIDLAND, TX 79702

E-Mail Address	
Service Company	BAKER OIL TOOLS

WELL INFORMATION

Well Name	SPARKLE DUNN 23 #1
Well Location	S 23 / T 17 S / R 35 E
Field and Pool	WILDCAT
Status (Oil, Gas, Water, Injection)	OIL
Perforated Intervals	4665' - 4703'
Mid-point of Perforated Intervals (MPP)	4684'
Drilling Rig Number	PATTERSON 41
Elevations	
Kelly Bushing (KB)	18'
Casing Flange (CF)	
KB-CF	
Ground Level	
Plug Back Total Depth	
Total Depth	4703'
Production Casing	
Production Tubing	

TEST INFORMATION

Test Number / Type of Test	ON BOTTOM CONVENTIONAL DRILL STEM TEST
Date(s) of Test	12/1/2000
Dead-weight Gauge Tubing Pressure	
Dead-weight Gauge Casing Pressure	
Shut-in Date (Duration)	
Date / Time on Bottom	12/1/2000 08:40
Date / Time off Bottom	12/1/2000 14:15
Probe Serial Number	X64
Probe Offset from End of Tool String	
Run Depth at Probe Pressure Port	4670'

PRESSURE TEST RESULTS

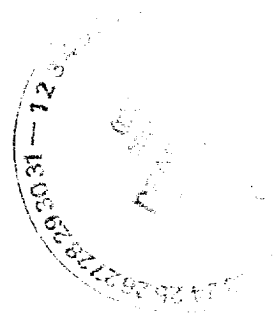
Maximum Recorded Probe Pressure	2201.97 psig
Maximum Recorded Probe Temperature	107.99 deg F
Final Buildup Pressure	
Gradient Survey Information	
Extrapolated Pressure to MPP	
Final Gradient at Depth	
Job Number	346058

PIPE RECOVERY

Cushion Type:	NONE	ft.	bbl.
Total Fluid Recovered:	283.68 ft.	1.39 bbl.	
Consisting of:			
Water with a trace of oil	283.68 ft.	1.39 bbl.	
	ft.	bbl.	
	ft.	bbl.	
	ft.	bbl.	
Gas recovered in Test String:	ft.		
Recovery Samples:			
TOP Sample:	18,000 ppm CHL		R.W.
MIDDLE Sample:	27,000 ppm CHL		R.W.
BOTTOM Sample:	35,000 ppm CHL		R.W.

SAMPLE CHAMBER DATA

Pressure in Sampler:	70	psig	
Total Volume of Sampler:	2600	cc	
Total Volume of Sample:	2500	cc	
Where Sampler was Drained:	RIG FLOOR		
Oil:	10	cc	
Water:	2490	cc	
Mud:		cc	
Gas:	0.024853286	scf	
Sample:	37,500 ppm CHL		R.W.
Gravity:			
Gas/Oil Ratio:			
Cushion Sample:	ppm CHL		R.W.
Mud Pit Sample:	8,300 ppm CHL		R.W.



[illegible]

TOOL SCHEMATIC	TOOL DESCRIPTION	O.D.	I.D.	LENGTH	DEPTH
	SURFACE FLOWHEAD				
	DRILL PIPE TO SURFACE	4.50	3.83	3876.22	3876.22
	DRILL COLLARS	6.25	2.25	648.79	4525.01
	REVERSING SUB	6.25	2.25	1.50	4526.51
	DRILL COLLARS	6.25	2.25	93.21	4619.72
	CROSSOVER SUB	6.25	2.25	1.00	4620.72
	ROTATING SHUT-IN TOOL	5.00	0.75	11.75	4632.47
	HYDRAULIC TOOL	5.00	1.17	4.95	4637.42
	INSIDE RECORDER	5.00	0.80	5.00	4642.42
	HYDRAULIC JARS	4.75	2.38	8.09	4650.51
	SAFETY JOINT	4.75	1.50	1.80	4652.31
	PACKER	7.00	1.50	3.90	4656.21
	PACKER	7.00	1.50	8.81	4665.02
	OUTSIDE RECORDERS	5.00	1.50	4.58	4669.60
	PERFORATION	5.00	3.00	28.00	4697.60
	PERFORATED SHOE	5.00	3.00	5.40	4703.00



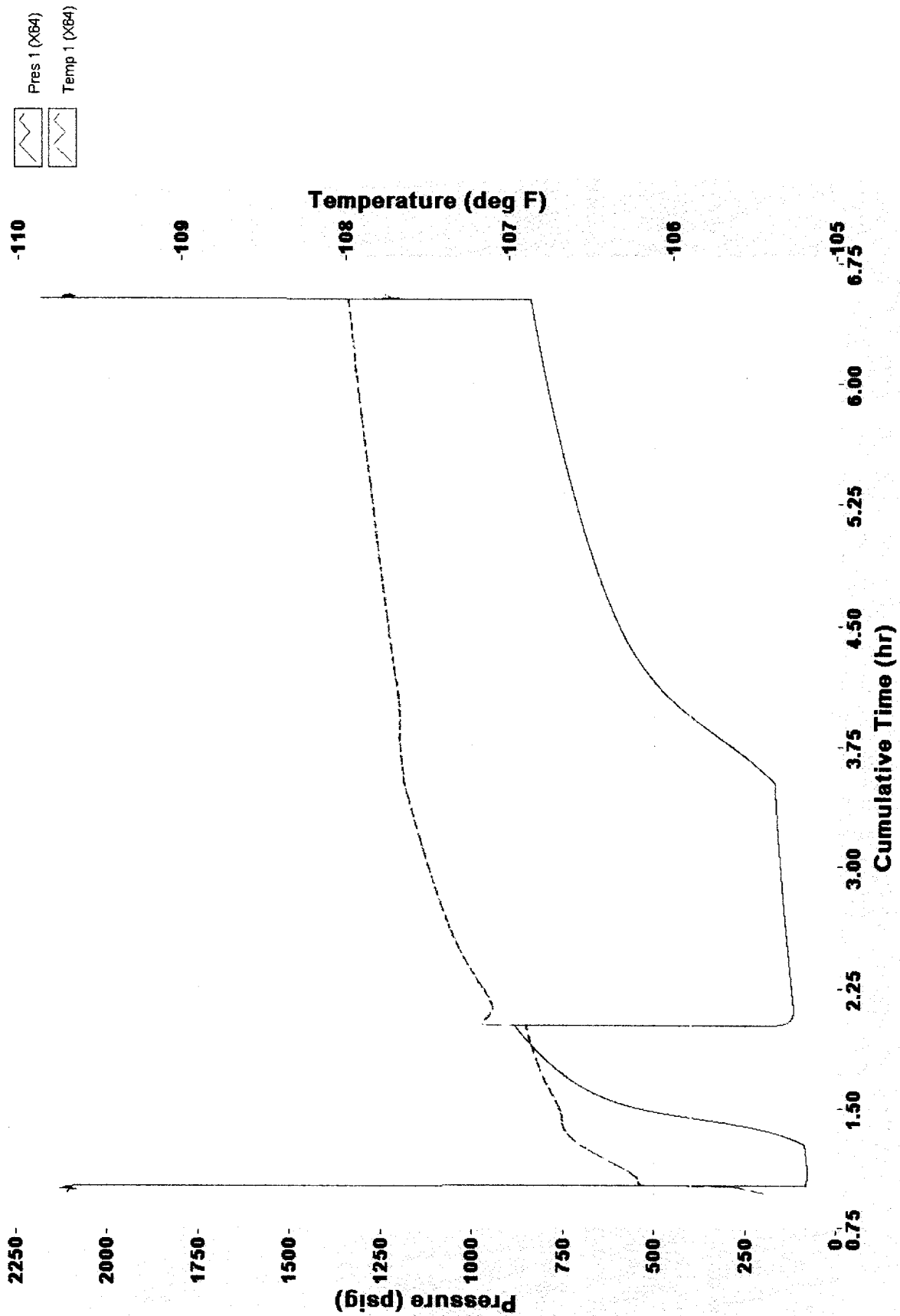
Company Name
Well Name
Well Location
Date(s) of Test

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BAKER
HUGHES

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Pressure vs Time

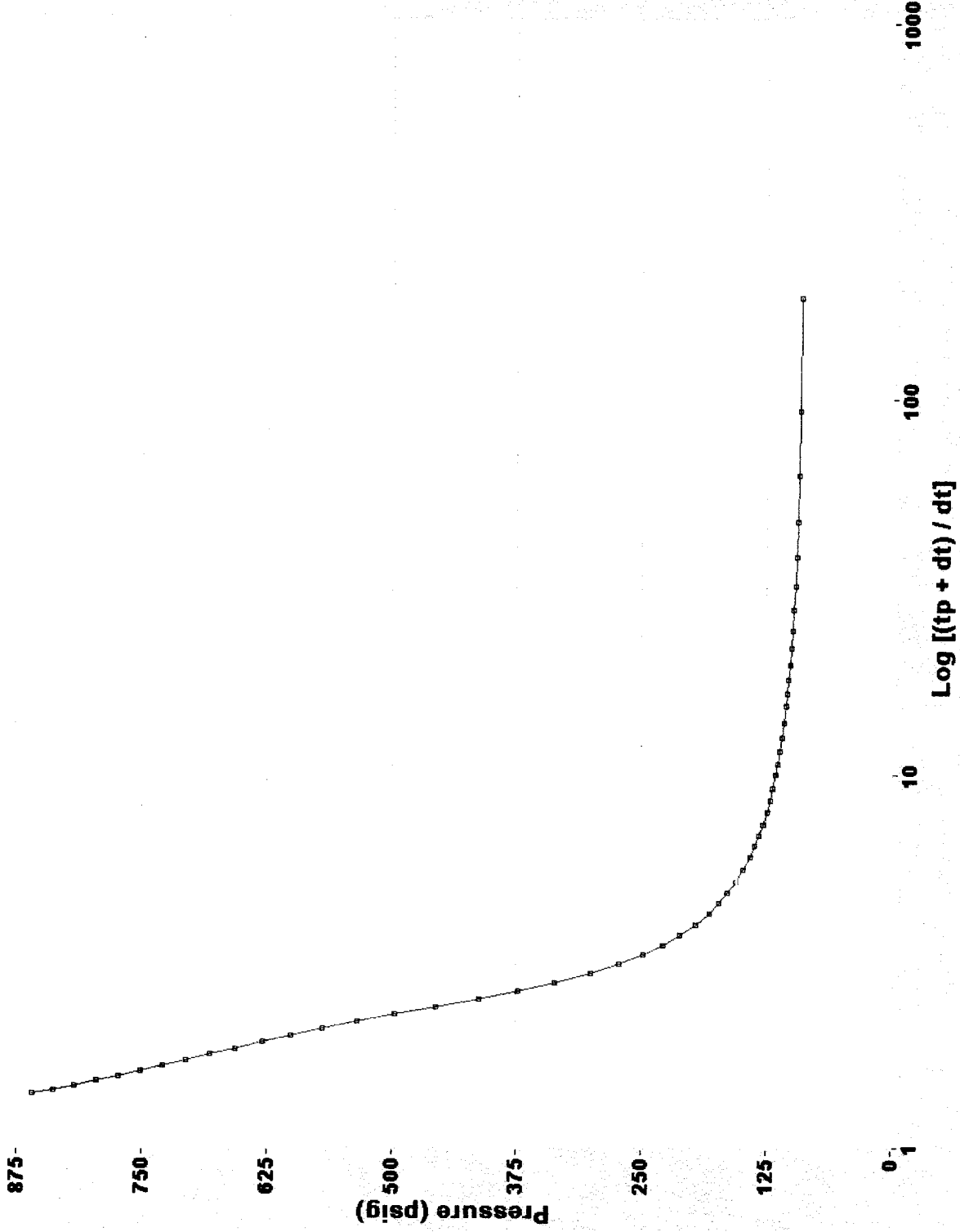




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Horner Pressure 1



Hm Pres 1



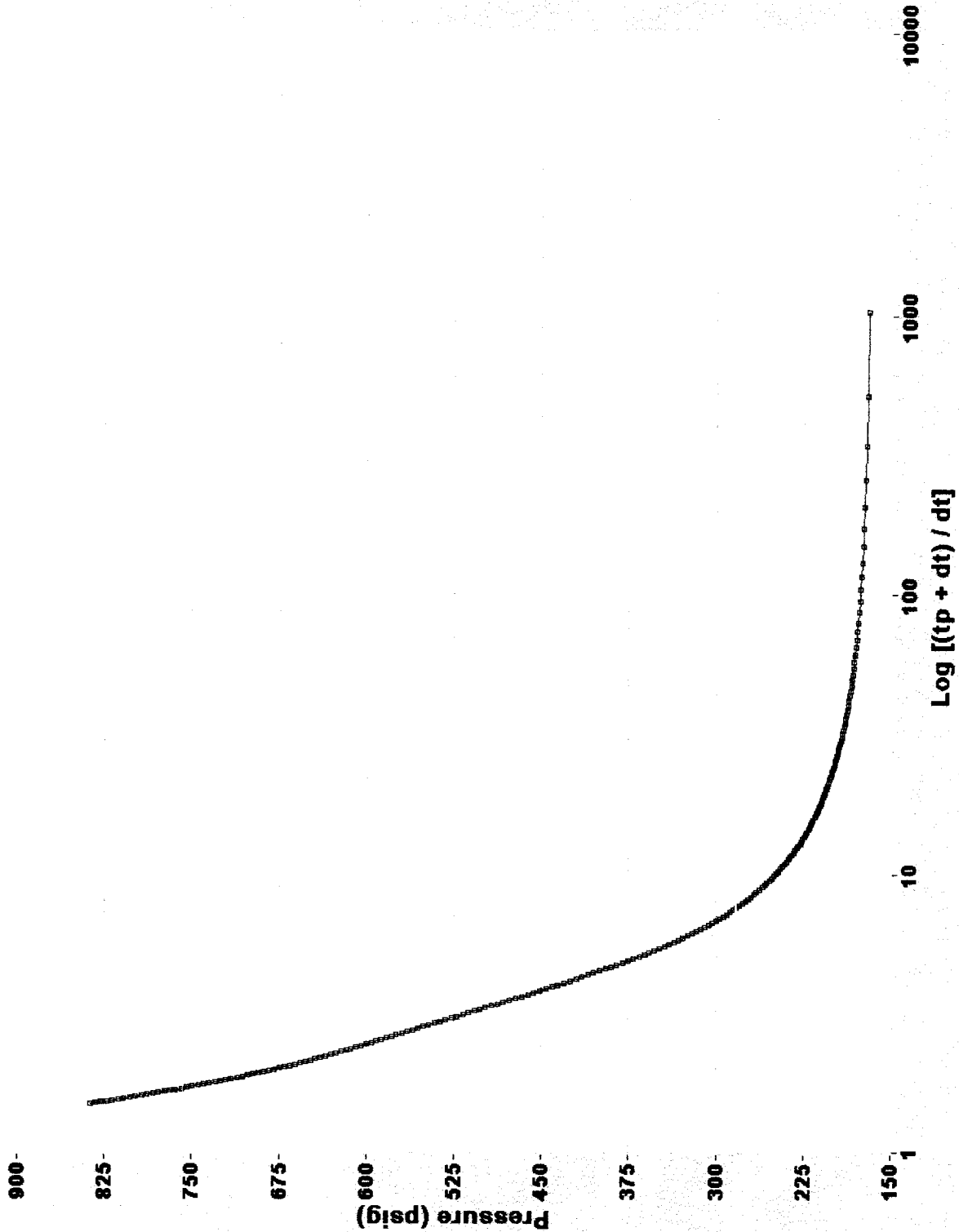


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Horner Pressure 2



Hm Pres 2

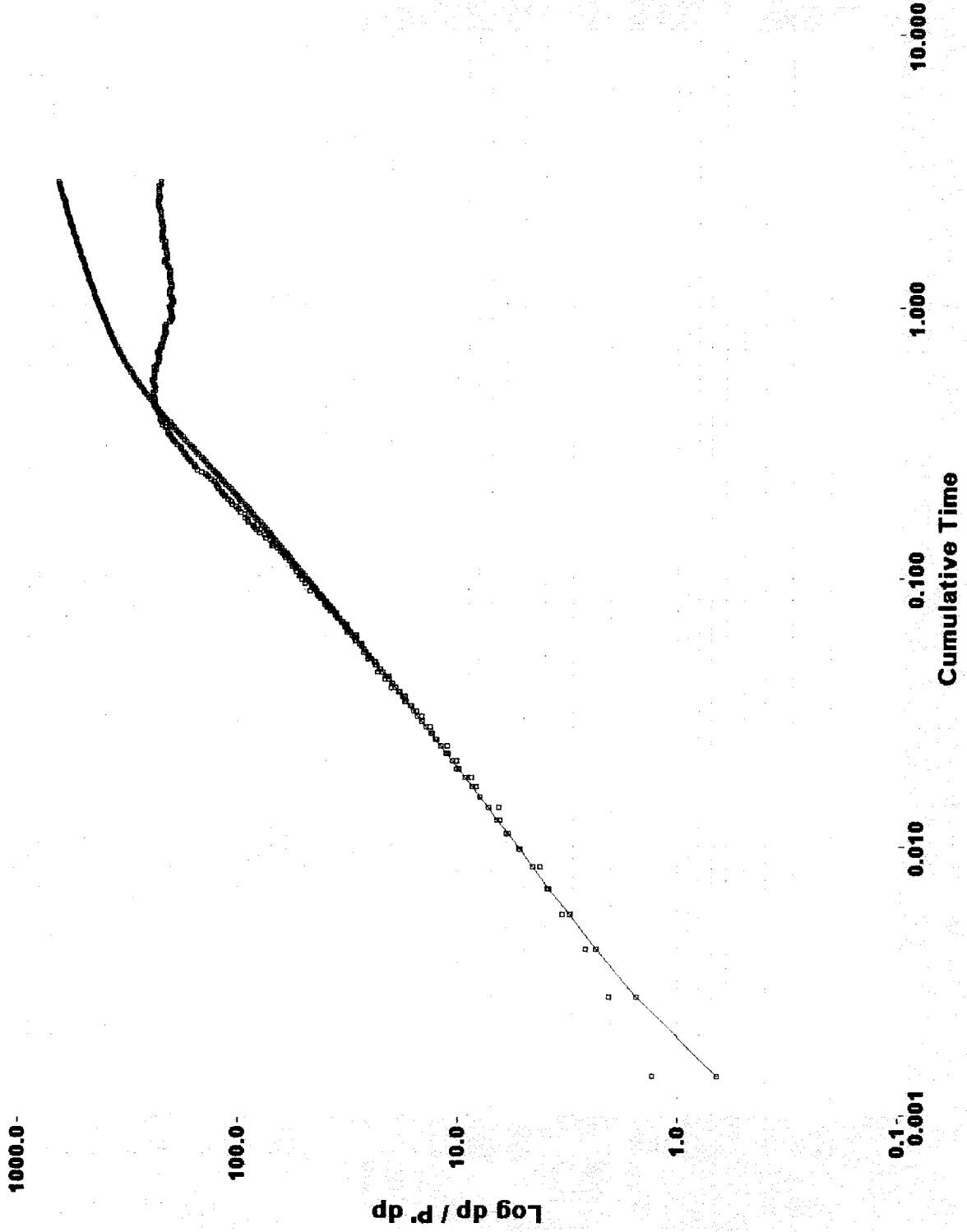


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Derivative Graph



Delta Pres 2
Deriv Pres 2



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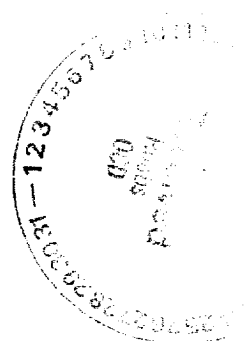
PROBE INFORMATION

Probe Serial Number X64
Model Level II
Pressure
 Calibrated Pressure Range 0.0 - 12000.0 psig
 Accuracy 0.05% FS
 Resolution 0.0015% FS
Temperature
 Calibrated Temperature Range -5.7 - 298.8 deg F
 Accuracy 0.25% FS
 Resolution 0.002% FS
Calibration File Used for Reports X64MY15A.CAL

PROGRAMMING DETAILS

<u>Step</u>	<u>Sample Mode</u>	<u>Period</u>	<u>Duration</u>	<u>Comment</u>
0	Pause	5 seconds	25 seconds	Test mode
1	Pressure Trigger	5 minutes	indefinite	Trig @ 500 psi
2	Normal	5 seconds	2 days	

Program Start Time Dec 01/2000 @ 07:33:05
Program End Time Dec 01/2000 @ 17:33:00
Total Samples Taken 7200
Usage for this Test 0.2560 Ah
Generic Data File Name X64DE01A.GEN





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COMMENTS

Reported By

MIKE FRALEY

THIS DRILL STEM TEST WAS MECHANICALLY SUCCESSFUL.



DISTRIBUTION OF FINAL REPORTS

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