

COMPANY Crystal River Oil

WELL Jones D #7

FIELD Atoka

County Eddy State New Mexico

Schlumberger Caliper LogCounty: Eddy
Field: Atoka
Location: 1650' FNL & 330' FEL
Well: Jones D #7
Company: Crystal River Oil

LOCATION	1650' FNL & 330' FEL		Elev.: K.B. 3617 ft	
			G.L. 3610 ft	
			D.F. 3616 ft	
	Permanent Datum: <u>GROUND LEVEL</u>		Elev.: <u>3610 ft</u>	
	Log Measured From: <u>KELLY BUSHING</u>		7.0 ft above Perm. Datum	
	Drilling Measured From: <u>KELLY BUSHING</u>			
API Serial No. 30-015-40306		Section 13	Township 18S	Range 26E

Logging Date		13-Jun-2012			
Run Number		1			
Depth Driller		1910 ft			
Schlumberger Depth		1915 ft			
Bottom Log Interval		1912 ft			
Top Log Interval		436 ft			
Casing Driller Size @ Depth		8.625 in	@	425 ft	@
Casing Schlumberger		436 ft			
Bit Size		7.875 in			
Type Fluid In Hole		Cut Brine			
Density	Viscosity	9.8 lbm/gal	28 s		
Fluid Loss	PH	0 cm3	10		
Source Of Sample		Mud Pit			
RM @ Measured Temperature		0.045 ohm.m	@	89 degF	@
RMF @ Measured Temperature		0.032 ohm.m	@	89 degF	@
RMC @ Measured Temperature			@		@
Source RMF	RMC	Calculated			
RM @ MRT	RMF @ MRT	0.043 @ 94	0.030 @ 94	@	@
Maximum Recorded Temperatures		94 degF			
Circulation Stopped		Time	13-Jun-2012	17:00	
Logger On Bottom		Time	13-Jun-2012	21:55	
Unit Number	Location	2357	Roswell		
Recorded By		Rachel Gallagher			
Witnessed By		Liz Kramer			

RECEIVED
APR 24 2014
NMOCD ARTESIA

	Run 1	Run 2	Run 3	Run 4
Logging Date				
Run Number				
Depth Driller				
Schlumberger Depth				
Bottom Log Interval				
Top Log Interval				
Casing Driller Size @ Depth	@		@	
Casing Schlumberger				
Bit Size				
Type Fluid In Hole				
Density				
Fluid Loss	PH			
Source Of Sample				
RM @ Measured Temperature	@		@	
RMF @ Measured Temperature	@		@	
RMC @ Measured Temperature	@		@	
Source RMF	RMC			
RM @ MRT	RMF @ MRT	@	@	@
Maximum Recorded Temperatures				
Circulation Stopped	Time			
Logger On Bottom	Time			
Unit Number	Location			
Recorded By				
Witnessed By				

DISCLAIMER

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OTHER SERVICES1			OTHER SERVICES2		
OS1: PEX-HRLA-GR			OS1:		
OS2:			OS2:		
OS3:			OS3:		
OS4:			OS4:		
OS5:			OS5:		
REMARKS: RUN NUMBER 1			REMARKS: RUN NUMBER 2		
Two 0.125" Wear rings used on HGNS					
Two 1.5" Standoffs used on HRLA					
Porosities computed on Limestone Matrix (2.71 g/cc)					
Rlg: United #4					
Crew: T. Reese, C. Lopes					
RUN 1			RUN 2		
SERVICE ORDER #:		C7H7-00011	SERVICE ORDER #:		
PROGRAM VERSION:		19C0-187	PROGRAM VERSION:		
FLUID LEVEL:		0 ft	FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1

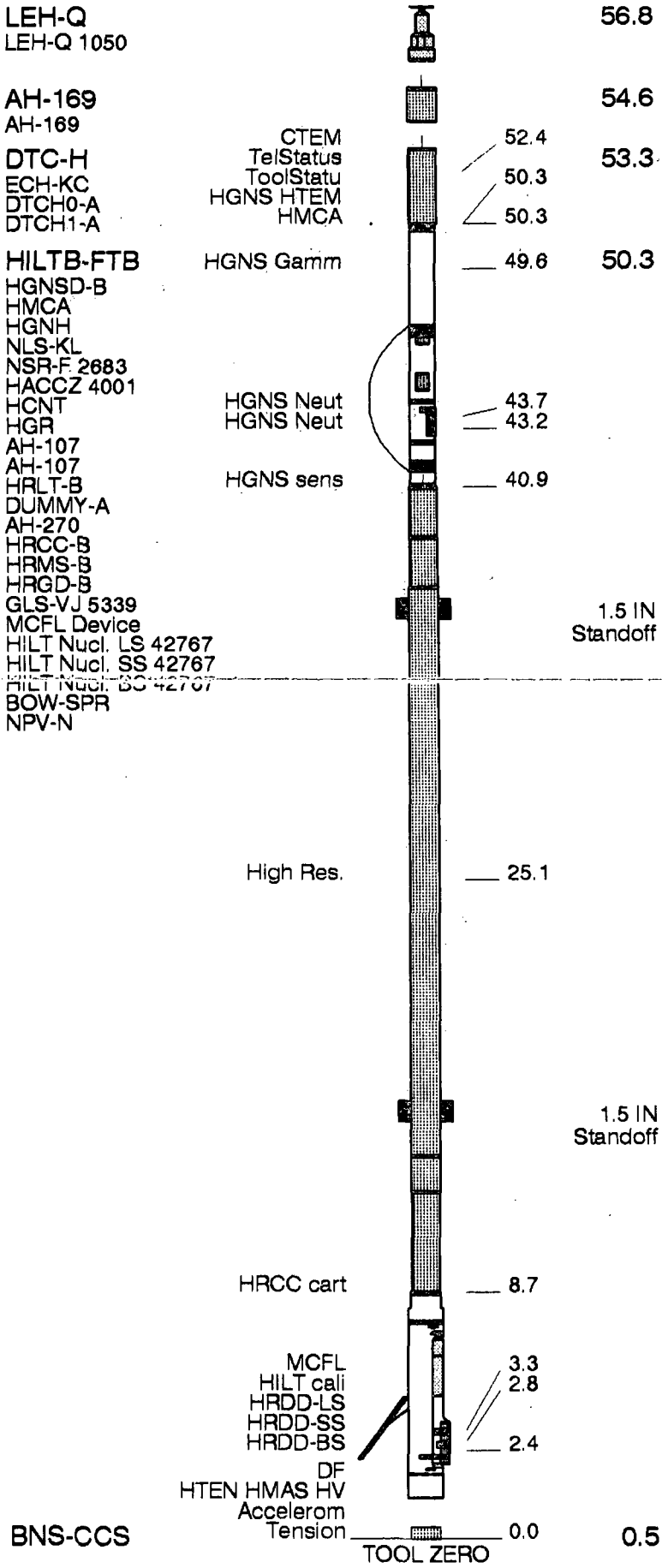
RUN 2

SURFACE EQUIPMENT

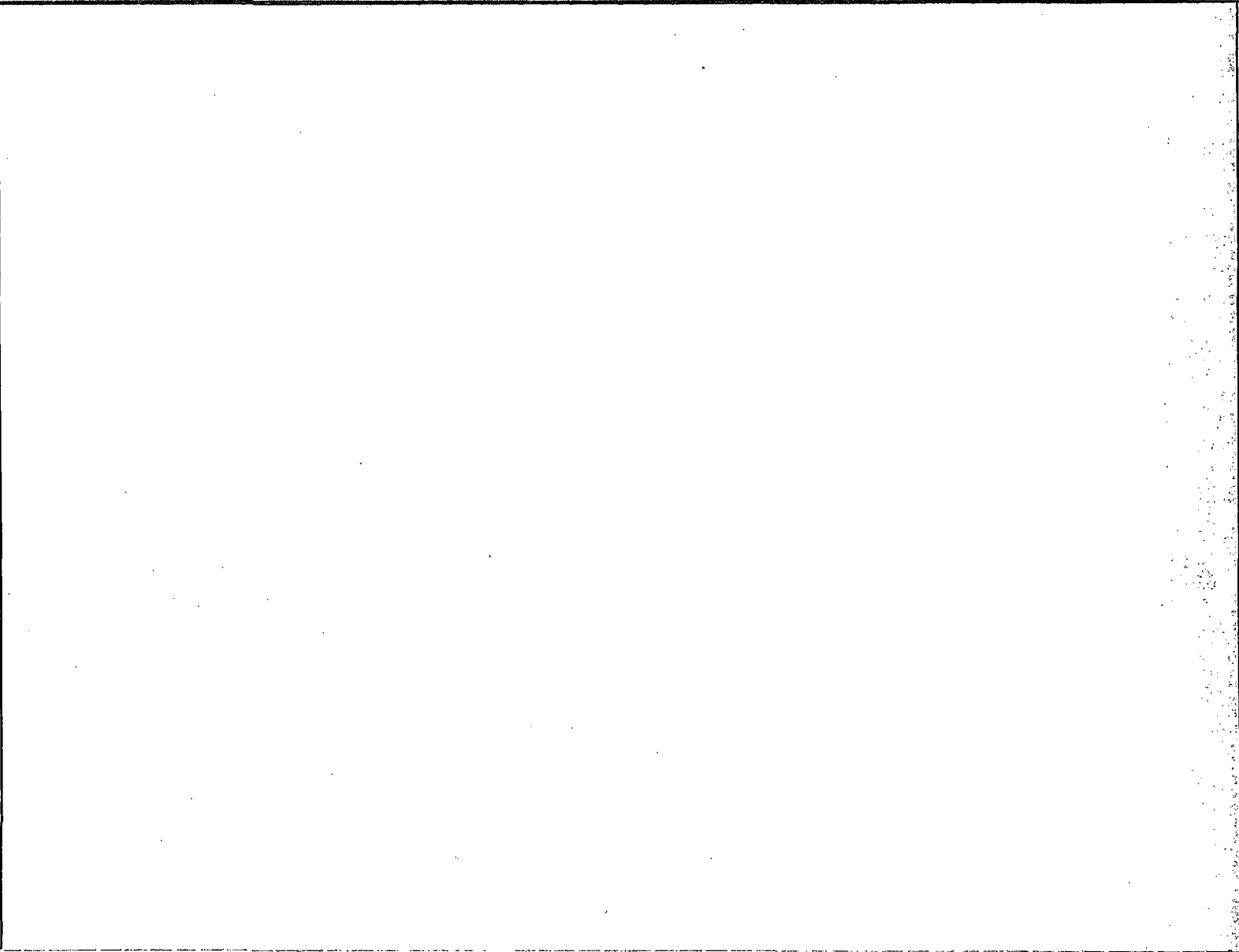
WITM (DTS)-A

GSR-U/Y 95
NCT-B
CNB-AB
NCS-VB

DOWNHOLE EQUIPMENT



MAXIMUM STRING DIAMETER 6.63 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET



Company: Crystal River Oil

Well: Jones D #7

Input DLIS Files					
DEFAULT	TLD_MCFL_CNL_011LUP	FN:15	PRODUCER	13-Jun-2012 22:01	1926.5 FT
					182.5 FT

Integrated Hole/Cement Volume Summary

Hole Volume = 705.54 ft3

Cement volume = 341.53 m3 (assuming 4.50 in casing O.D.)
Computed from 1909.5 ft to 425.0 ft

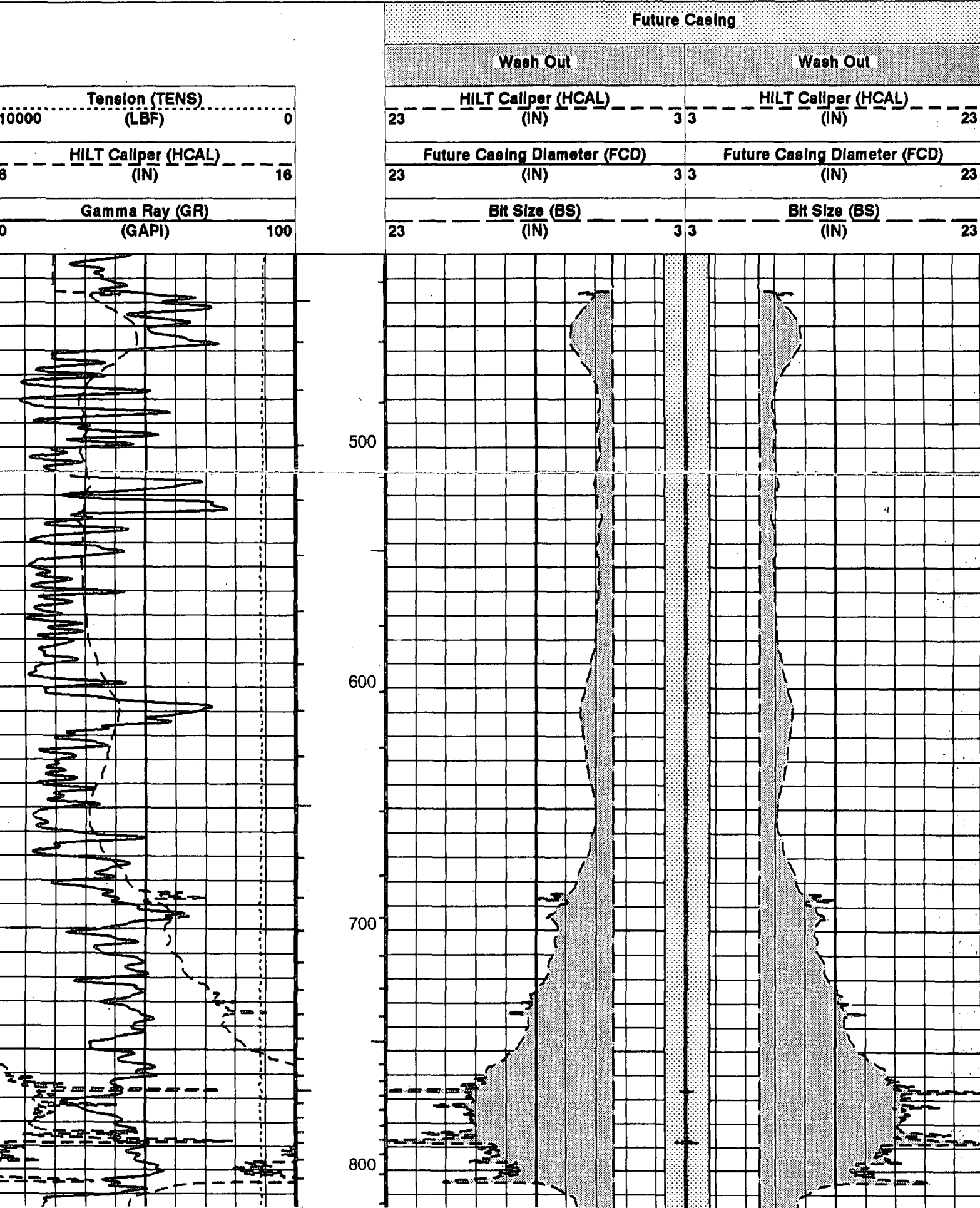
OP System Version: 19C0-187

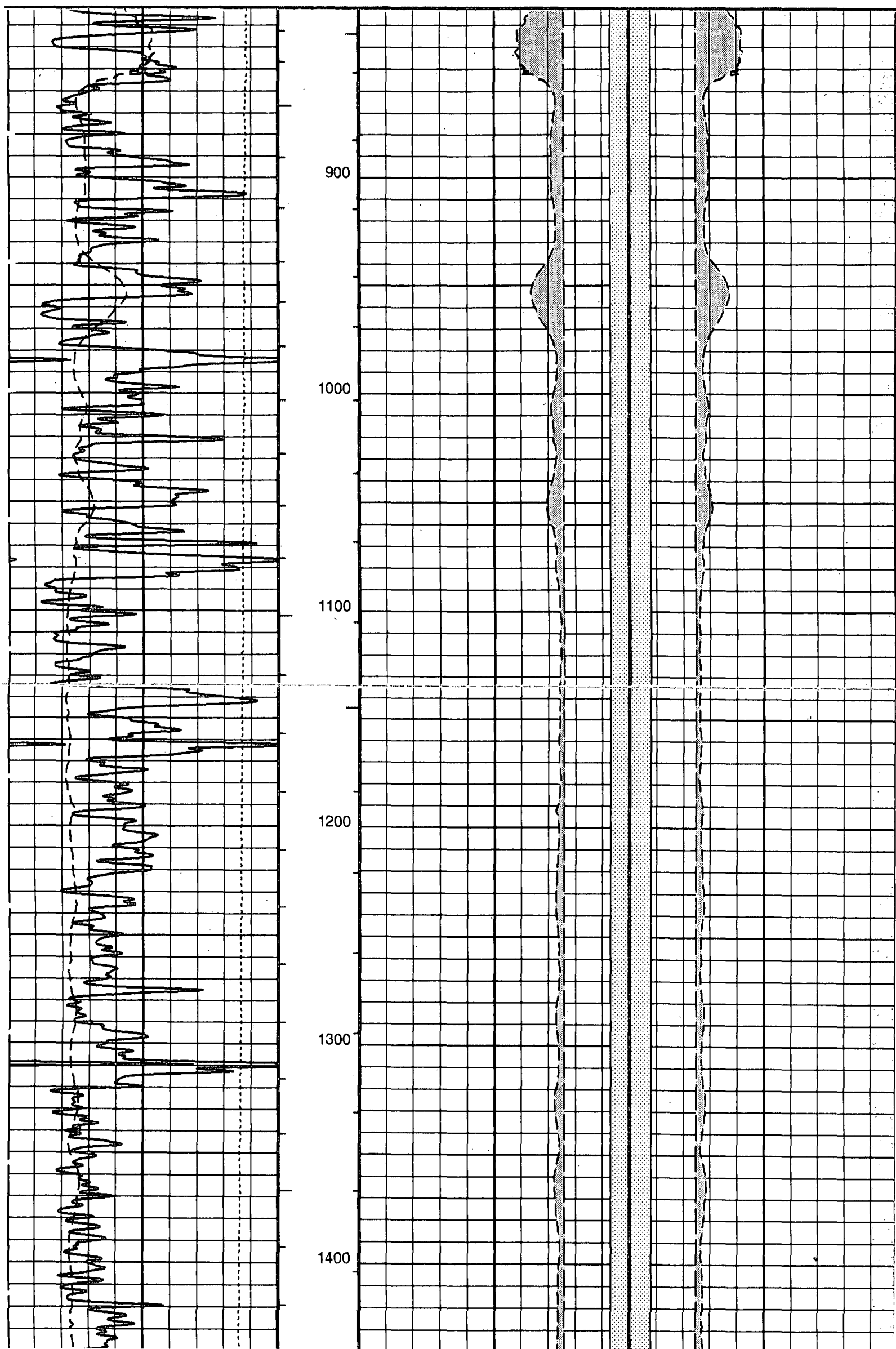
HILTD 19C0-187 DTCH 19C0-187

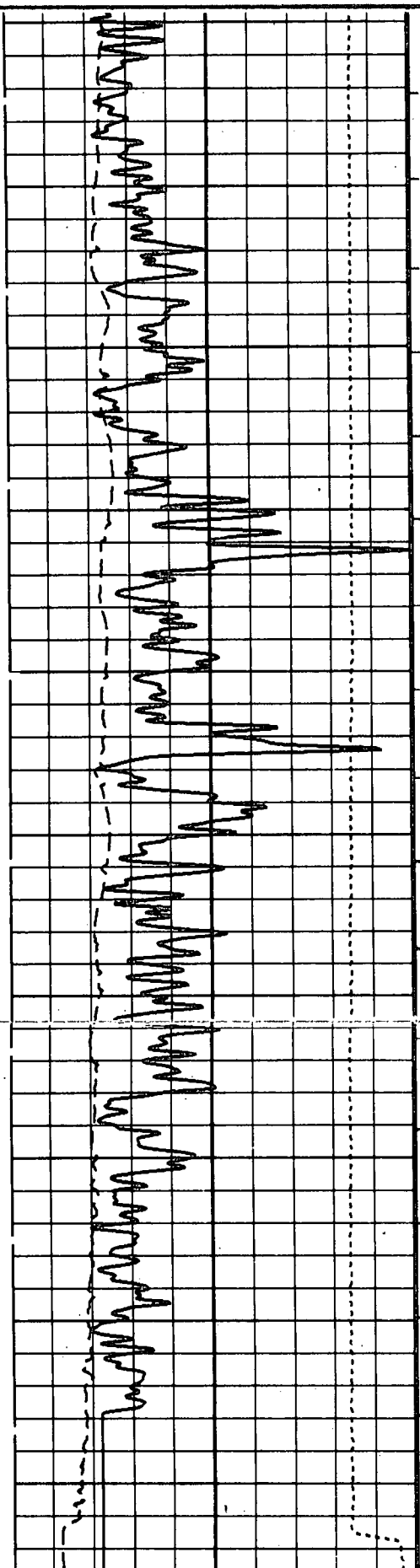
PIP SUMMARY

- └ Integrated Hole Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3
 - └ Integrated Cement Volume Minor Pip Every 10 F3
 - └ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S







Gamma Ray (GR)		
(GAPI)		
0		100
HILT Caliper (HCAL)		
(IN)		
6		16
Tension (TENS)		
(LBF)		
10000		0

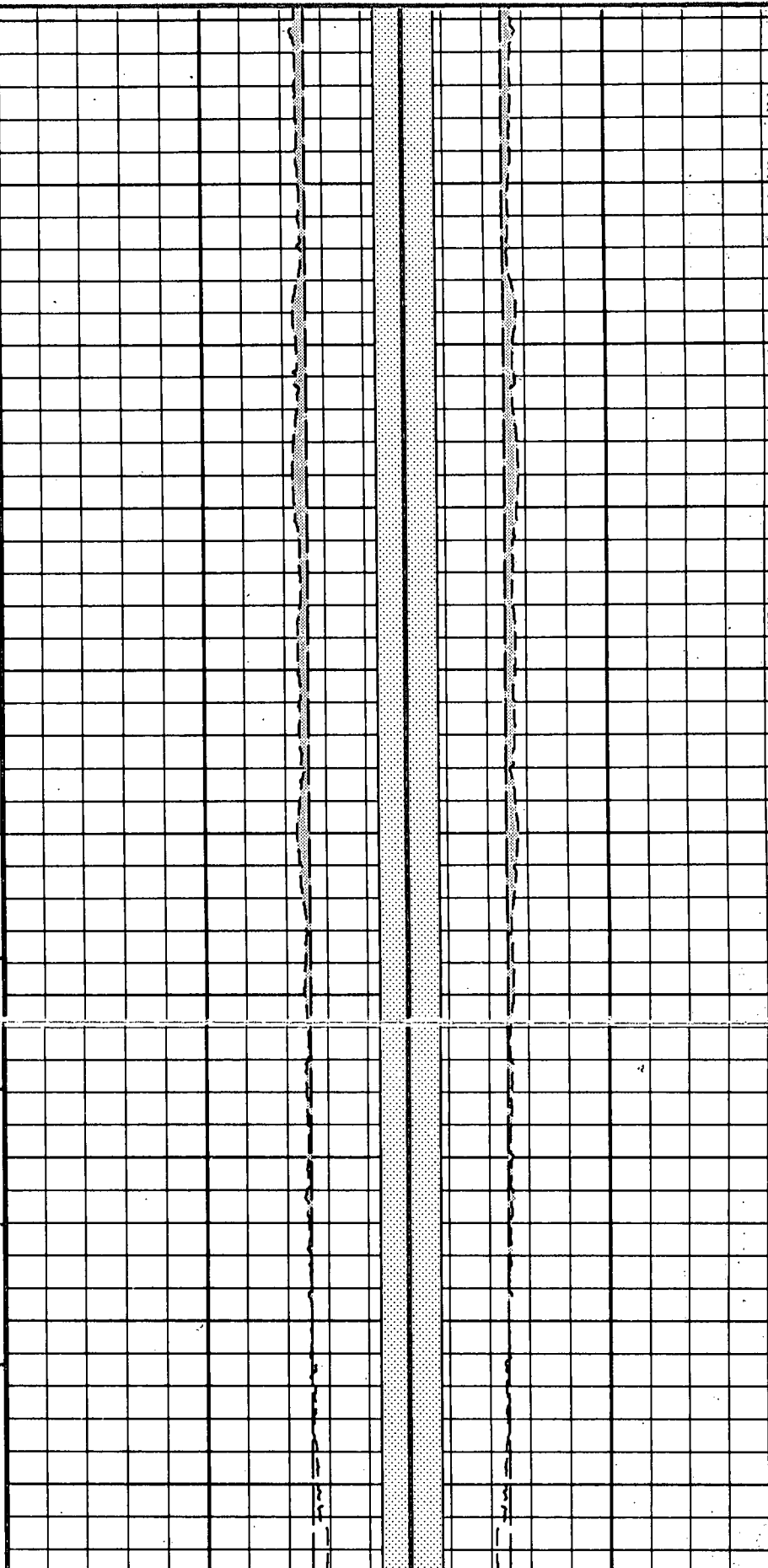
1500

1600

1700

1800

1900



<u>Bit Size (BS)</u>		<u>Bit Size (BS)</u>	
23	(IN)	3 3	(IN)
Future Casing Diameter (FCD)		Future Casing Diameter (FCD)	
23	(IN)	3 3	(IN)
<u>HILT Caliper (HCAL)</u>		<u>HILT Caliper (HCAL)</u>	
23	(IN)	3 3	(IN)
Wash Out		Wash Out	
Future Casing			

PIP SUMMARY

- └ Integrated Hole Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3
- └ Integrated Cement Volume Minor Pip Every 10 F3

Time Mark Every 60 S

Parameters			
DLIS Name		Description	Value
FCD	HOLEV: Integrated Hole/Cement Volume Future Casing (Outer) Diameter		4.500 In
STKT	STI: Stuck Tool Indicator STI Stuck Threshold		2.500 ft
TDD	Total Depth - Driller		1910.0 ft
TDL	Total Depth - Logger		1910.0 ft
BS	System and Miscellaneous Bit Size		7.875 In
Format: hole_volume		Vertical Scale: 2" per 100'	Graphics File Created: 13-Jun-2012 22:42

OP System Verslon: 19C0-187			
HILTD	19C0-187	DTCH	19C0-187

Input DLIS Files					
DEFAULT	TLD_MCFL_CNL_011LUP	FN:15	PRODUCER	13-Jun-2012 22:01	1926.5 FT 182.5 FT

COMPANY	Crystal River Oil	BOTTOM LOG INTERVAL	1912 ft
		SCHLUMBERGER DEPTH	1915 ft
WELL	Jones D #7	DEPTH DRILLER	1910 ft
FIELD	Atoka	KELLY BUSHING	3617 ft
County	Eddy	DRILL FLOOR	3616 ft
State	New Mexico	GROUND LEVEL	3610 ft