



FINAL PRINT

DUAL INDUCTION SHORT GUARD LOG

COMPANY REC'D OIL AND GAS COMPANY

WELL C.E.R. 41-16-64

FIELD MIST

COUNTY COLUMBIA

STATE OR OTHER SERVICES

LOCATION: 217 27 FEET SOUTH AND THE

236 34 FEET WEST FROM

MARKERS CORNER OF

AGE 4M

ELEV. T. B. 1328.0

LOG MEASURED FROM O. B. 11.5 FT. ABOVE PERM DATUM

DATE 09/10/89

PERM DATUM C. L. 1515.5

DRILLING MEASURED FROM KELLY BUSHING

DATE 09/10/89

RUN NO. ONE

DEPTH-DRILLER 2107

DEPTH-LOSSER 2104

PIR. LOG INTER. 2101

CASING-DRILLER 2101

CASING-LOSSER 2104

BIT SIZE 6 1/4

TYPE FLUID IN HOLE 7- POLYMER

DENS. VISC. 9.5 143

PH. FLUID LOSS 10.0 18.2

SOURCE OF SAMPLE CIRCULATED

RM # MEAS. LEN. 5.0 #2

RMC # MEAS. LEN. 3.0 #2

SOURCE REF. 1 RMC. MEAS. 1003

RM # BHT 3.59 #103

TIME ON BOTTOM 8:15 PH

MAX. REC. TEMP. 108. #BHT

EQUIP. LOCATION 2880 INHOLD

RECORDED BY D. ACHONIEL

WITNESSED BY K. SPREITH

J. ENGLES

Service Ticket No.: 12268		API Serial No.:		PGM Version: 1.31 PC	
Change in Mud Type or Additional Samples		RESISTIVITY SCALE CHANGES			
Date/Sample No. 09/10/89:ONE	/ /	Type Log	Depth	Scale Up Hole	Scale Down Hole
Depth-Driller					
Type Fluid					
in Hole					
Dens. Visc.	:	:	:	:	:
PH. Fluid Loss	:	:	:	:	:
Source of Sample					
RM # Meas. Temp.	e	e	Run No	Tool Type & No	Pad Type
Rmf # Meas. Temp.	e	e	ONE	DUAL #W109432	N/A
Rmc # Meas. Temp.	e	e	ONE	SGRD #W108932	N/A
Source: Rmf:Rmc					
RM # BHT	3.59	#103.	e		
Rmf # BHT	3.71	#103.	e		
Rmc # BHT	2.39	#103.	e		
EQUIPMENT DATA					
GAMMA		ACOUSTIC		DENSITY	
Run No.	N/A	Run No.	N/A	Run No.	N/A
Serial No.	W108594	Serial No.	W112458	Serial No.	W109742
Model No.	432	Model No.	305	Model No.	465
Diameter	3 5/8	No. of Cent.	FOUR	Diameter	4 1/2
Detector Model No.	N/A	Spacing	1 FOOT	Log Type	GAMMA
Type	SCINT.	Source Type	CS137	Source Type	AM241BE
Length	4 IN.	Serial No.	118	Serial No.	66
Distance To Source	N/A	FWDA	N	Strength	1.5 CU.
LOGGING DATA					
GENERAL		GAMMA		ACOUSTIC	
Run No.	ONE	Scale	L R	Scale	L R Matrix
Depth	2101	Speed	1104	Scale	L R Matrix
From	1104	Ft/Min	30.	Scale	L R Matrix

Remarks: ANNULAR HOLE VOLUME CALCULATED FOR 3 1/2 INCH PRODUCTION CASING.

SONIC MATRIX=55.6 US/FT, A=.81, AND M=2.0 FOR RWA CALCULATIONS.

EXTRA REPEAT SECTION RUN TO SHOW SONIC RESPONSE FROM 1600 TO 1700 FEET.

CASING STRIP RUN ON TOP OF LOG TO SHOW DELTA-T IN FREE PIPE AND CALIPER.

SQUARING OF DEEP INDUCTION BETWEEN 1650 AND 1700 DUE TO MAXIMUM READINGS.

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