FORM 925327 (5-80)

Western Atlas International
A Litton/Dresser Company
Atlas Wireline Services

Dual Induction Focused Log
BHC Acoustilog ®

R

FILE NO.
API NO

2" = 100'

COMPANY OREGON NATURAL GAS CORPORATION
WELL IW 22D-10
FIELD MIST
COUNTY COLUMBIA STATE OREGON

LOCATION: 285' N. & 2516' E. OF W/4 CORNER OF:
SEC 10 TWP 6N RGE 5W

Other Services
BHC/AL
CDLC/CN/GR
DIP

Permanent Datum GL Elev. 787.3'
Log Measured from KB 11.5 Ft. Above Permanent Datum
Drilling Measured from KB

Elev KB 798.2'
DF
GL 787.3'

CONFIDENTIAL/"FINAL"

Date	8-22-88		8 28 88					
Run No	ONE		TWO					
Service Order	159041		159044					
Depth—Driller	2117'		2770					
Depth Logger	2110'		2762'					
Bottom Logged Interval	2108'		2760'					
Top Logged Interval	450'		2100'					
Casing - Driller	13 3/8"@452'		8 5/8" @ [illegible]		@		@	
Casing Logger	450'		2100'					
Bit Size	12 1/4"		7 5/8"					
Type Fluid in Hole	GEL/DPAC		GEL/LIGNA					
Density and Viscosity	9.7	40	9.4	38				
pH and Fluid Loss	10.0	7.3 cc	11.1	6.4 cc		cc		cc
Source of Sample	FLOWLINE		FOWLINE					
Rm @ Meas Temp	1.10 @ 70 °F		1.25 @ 70 °F		@ °F		@ °F	
Rmf @ Meas. Temp	0.85 @ 70 °F		1.05 @ 70 °F		@ °F		@ °F	
Rmc @ Meas. Temp	1.55 @ 70 °F		1.80 @ 70 °F		@ °F		@ °F	
Source of Rmf and Rmc	M	M	M	M				
Rm @ BHT	0.72 @106 °F		0.80 @ 110 °F		@ °F		@ °F	
Time Since Circ.	2 HRS.		2.5 HRS.					
Max. Rec. Temp. Deg. F	106 °F		110 °F		°F		°F	
Equip. No. and Location	6406	SAC.	6406	SAC.				
Recorded By	M. HINDS		M. HINDS					
Witnessed By	MR. THOMAS		MR. MEYER &		MR. THOMAS			

FOLD HERE

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT, BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASURMENTS, WE CANNOT, AND WE DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATION. WE SHALL NOT BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COST, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

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ATLAS WIRELINE SERVICES

REMARKS RUN (1)

EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	DIFL	33304	1503	1.5 SO
1	1	AC	79725	1609	CENT.
1	1	GR			
1	1	CAL	79090	4209	VAR

REMARKS RUN (2)

EQUIPMENT DATA

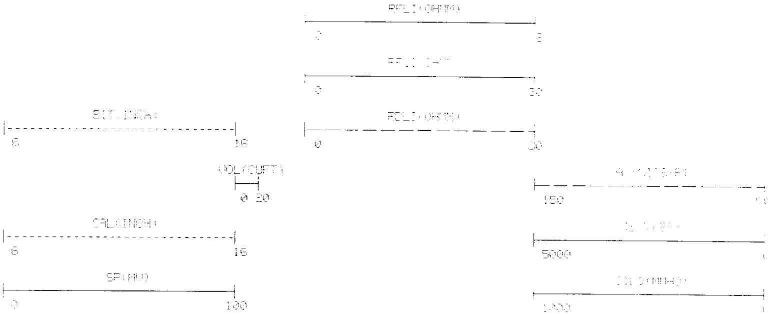
RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
2	2	DIFL	33304	1503	1.5 SO
2	2	AC	79726	1609	CENT.
2	2	GR			
2	2	CAL	79090	4202	VAR.

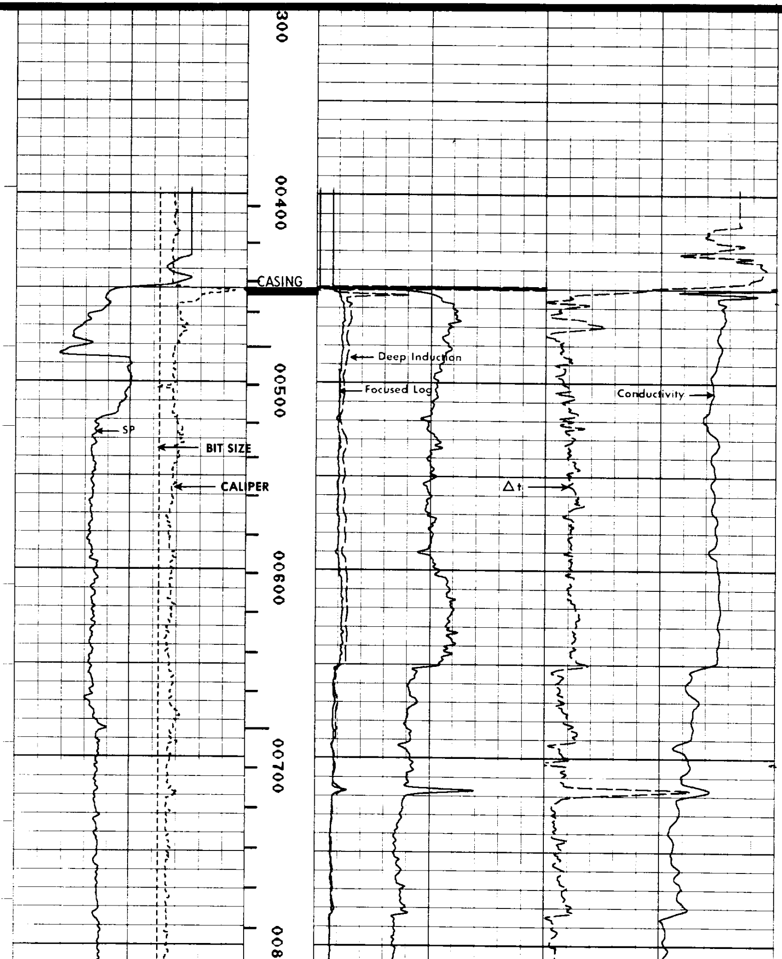
[illegible] ARCO NATURAL GAS CORP. RUN: [illegible]

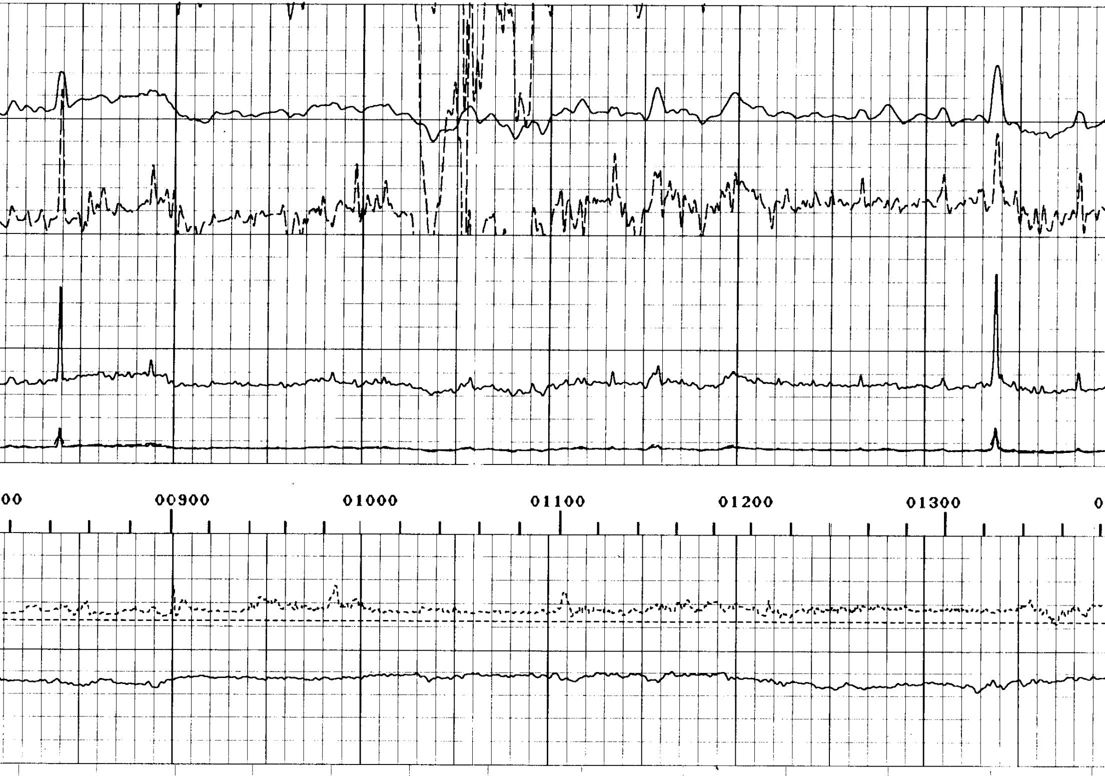
WELL NAME: [illegible] 2[illegible]-10 PAGE: [illegible]

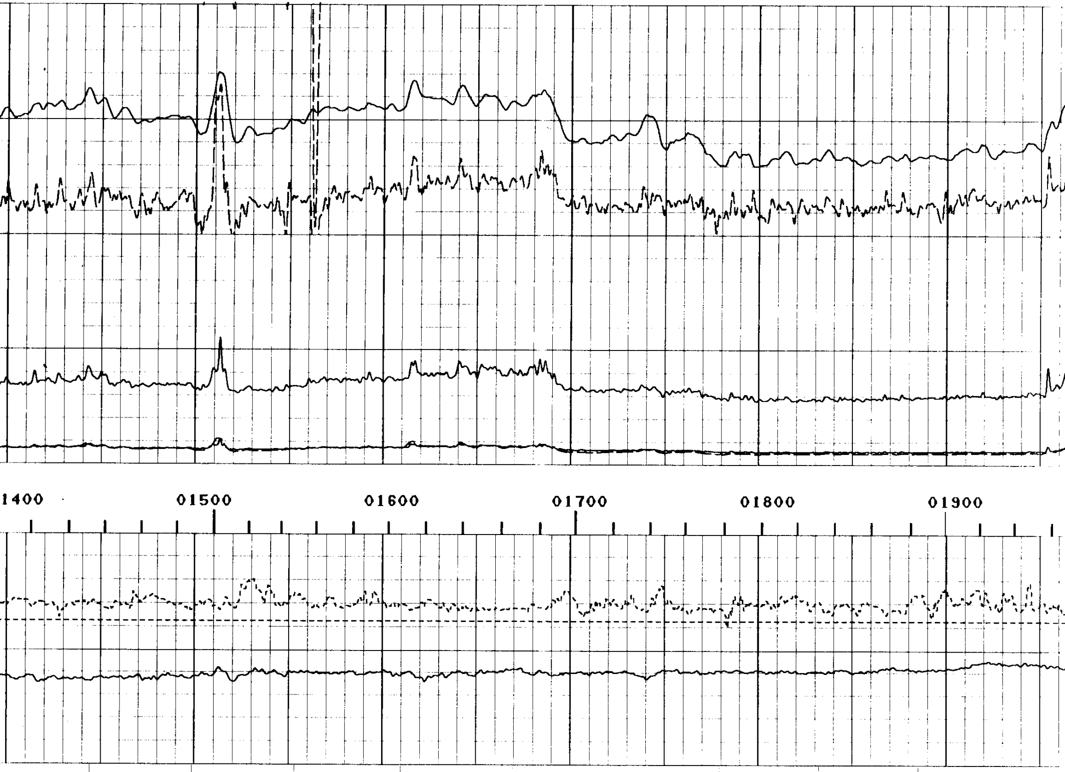
SERVICE: KC214N FILE: 3 DATE: 08/22/88 TIME: 16:14:[illegible]

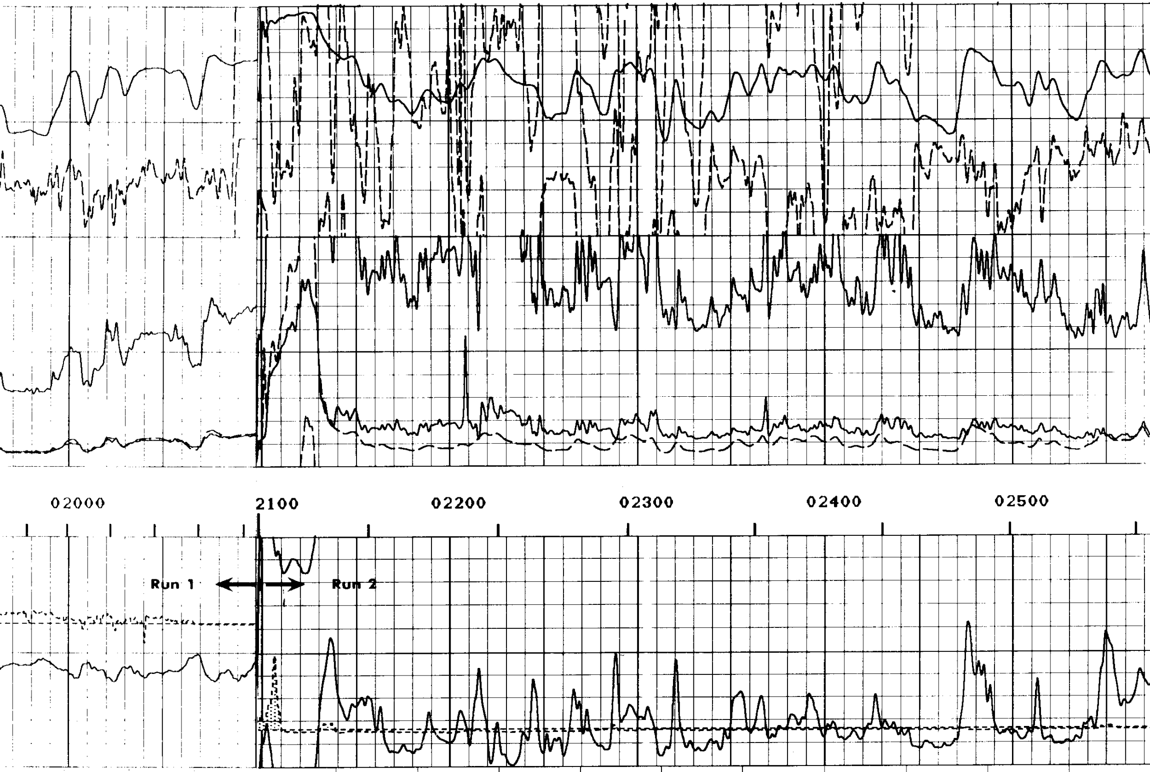
REVISION: [illegible] MODE: [illegible]

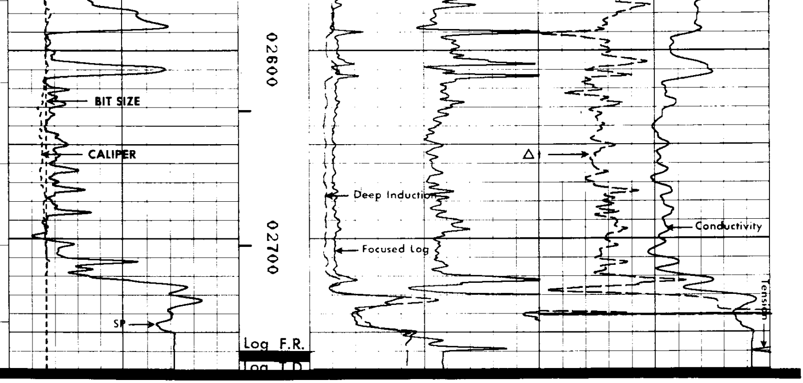












RFLI(OHMM)
0 6

RFLI(OHMM)
0 30

BIT(INCH)
6 16

RDLI(OHMM)
0 30

VOL(CUFT)
0 20

AC(MICS/FT)
150 50

CAL(INCH)
6 16

TEN(LBS)
5000 0

SP(MV)
0 100

CILD(MMHO)
1000 0

COMPANY: OREGON NATURAL GAS CORP.
RUN: 2

WELL NAME: IW 32D-10
TRIP: 2

SERVICE: KC214N FILE: 4 DATE: [illegible]
TIME: 22:34:50

REVISION: FSYSAL REV GS08 VER+2
MODE: RECORD

RFLI(OHMM)
0 6

RFLI(OHMM)
0 30

BIT(INCH)
6 16

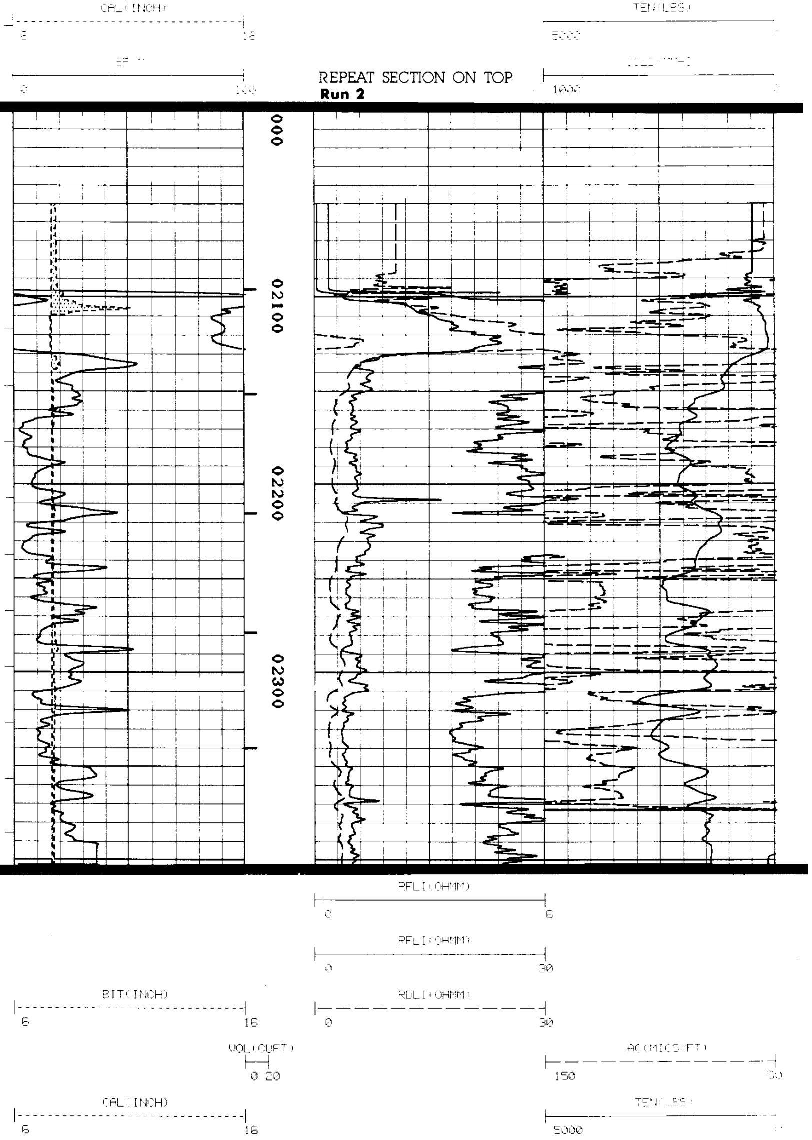
RDLI(OHMM)
0 30

VOL(CUFT)
0 20

AC(MICS/FT)
150 50

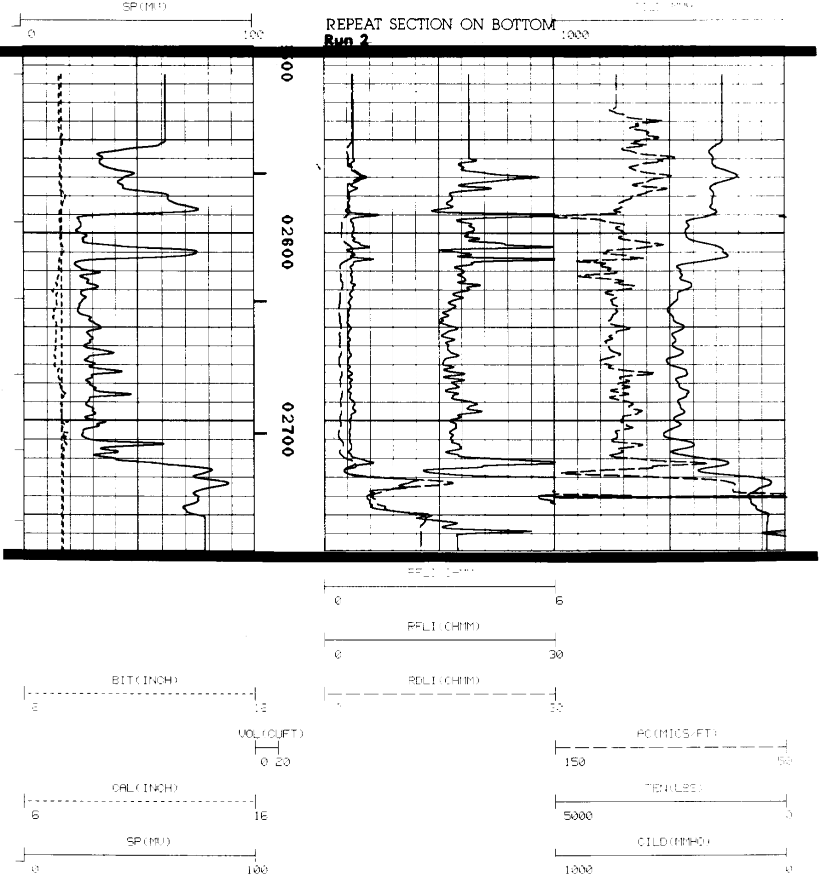
REPEAT SECTION ON TOP

Run 2



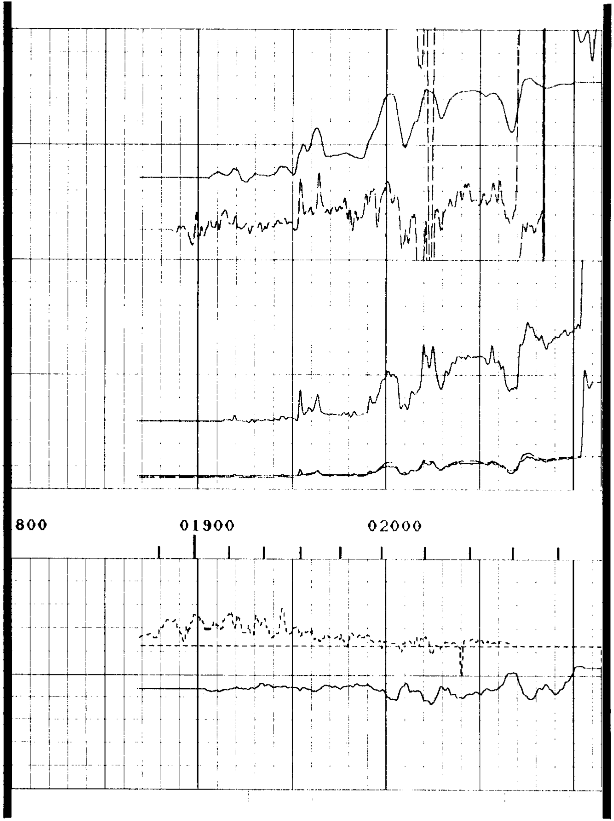
REPEAT SECTION ON BOTTOM

Run 2



2

REPEAT SECTION

Run 1