


**ATLAS WIRELINE SERVICES**  
**BHC ACOUSTILOG**

FILE NO. \_\_\_\_\_ COMPANY OREGON NATURAL GAS CORP.  
 WELL IM 238-3  
 FIELD MIST  
 COUNTY COLUMBIA STATE OR.  
 2" = 100'

LOCRTION: 615' S & 1591' E OF THE N 1/4 CORNER OF  
 SEC3 T1P6N RGE5M  
 OTHER SERVICES: DIP  
 ELEVATIONS: KB 1084.5  
 CL 1073.1'

PERMITS DRTUM CL ELEV. 1073.1  
 LOGGING MEASURED FROM KB 11.4 FT. ABOVE P.O.  
 DRILLING MEASURED FROM KB OF CL 1073.1'

DATE 7/8/88  
 RUN TWO  
 SERVICE ORDER 158845  
 DEPTH-DRILLER 2914'  
 DEPTH-LOGGER 2968'  
 BOTTOM LOGGED INTERVAL 2966'  
 TOP LOGGED INTERVAL 2614'  
 CASING - DRILLER 8 5/8" @ 2620'  
 CASING - LOGGER 2614'  
 BIT SIZE 7 7/8"  
 TYPE FLUID IN HOLE KOL POLYMER  
 DENSITY / VISCOSITY 8.6 40  
 PH / FLUID LOSS 10.5 10.8  
 SOURCE OF SAMPLE FLOALINE  
 RH AT MERS. TEMP. 0.243 @ 88 F  
 RMF AT MERS. TEMP. 0.19 @ 88 F  
 RMC AT MERS. TEMP. 0.282 @ 88 F  
 SOURCE OF RMF / RMC MERS MERS  
 RH AT BHT 0.19 @ 112 F  
 TIME SINCE CIRCULATION 2 HRS  
 MAX. REC. TEMP. DEG. F 112 F  
 EQUIP. NO. / LOC. H 6406 SFC  
 RECORDED BY B. HELICH  
 WITNESSED BY MR. THOMAS

  
**Western Atlas International**  
 A Lithwell-Drillam Company

**ATLAS WIRELINE SERVICES**

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 MEASUREMENTS, 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.

REMARKS RUN ( 1 )  
SP SCALE 5 MV PER CD PER CUSTOMER REQUEST

**EQUIPMENT DATA**

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION

PARAMETERS

NAME	DEPTH INTERVAL	VALUE	UNITS
A	2972 TO 2557	0.620	
M	2972 TO 2557	2.150	
O.D.	2972 TO 2557	0.000	INCH
DEL-T F	2972 TO 2557	185.000	MICS/FT
DEL-T M	2972 TO 2557	54.000	MICS/FT
DEL-T S	2972 TO 2557	110.000	MICS/FT

DISPLAY SCALE CHANGES  
 \*\*\* NONE \*\*\*

COMPANY: OREGON NATURAL GAS CORP RUN: 3  
 WELL NAME: IM 238-3 TRIP: 1  
 SERVICE: KC214N FILE: 3 DATE: 7/8/88 TIME: 10:53:48  
 REVISION: FSYSAL REV 0508 UER+2 MODE: PLAYBACK

