

FILE NO. \_\_\_\_\_  
 COMPANY **OREGON NATURAL GAS CORP.**  
 WELL **438 - 10**  
 FIELD **MISI**  
 COUNTY **COULMBIA** STATE **OR.**  
 5" = 100'

LOCATION: **2855' N. 1 800' W. OF SE CORNER.**  
 OTHER SERVICES: \_\_\_\_\_  
 SEC10 **TURPAN** RGE39  
 PERMIT ORUM **Q** ELEV. **728.11** DIF. LOG \_\_\_\_\_  
 LOGGING MEASURED FROM **NB** 11.4' FT. ABOVE P.O. **NB** 739.51' BHC/AI \_\_\_\_\_  
 DRILLING MEASURED FROM **Q** OF **Q** 728.11 C/C/C/N/68

PERMITS: \_\_\_\_\_  
 SERVICE ORDER **15924**  
 DEPTH-DRILLER **2616'**  
 DEPTH-LOSSER **2626'**  
 BOTTOM LOGGED INTERVAL **2624'**  
 TOP LOGGED INTERVAL **265**  
 Casing - Driller **8 5/8"** **8 5/8"**  
 Casing - Logger **5/8"**  
 BIT SIZE **7 7/8"**  
 TYPE FLUID IN HOLE **CE/DRIS/PHC**  
 DENSITY / VISCOSITY **10.1 42**  
 PH / FLUID LOSS **8.95 5.8**  
 SOURCE OF SAMPLE \_\_\_\_\_  
 RT AT MENS. TEMP. **1.50** **8 80 DEG. F**  
 RHC AT MENS. TEMP. **1.15** **8 70 DEG. F**  
 SOURCE OF RT / RHC **H** **8 70 DEG. F**  
 RT AT BIT **1.13** **8 107 DEG. F**  
 TIME SINCE CIRCULATION **4.85**  
 HWY. REC. TEMP. DEG. F **107 DEG. F**  
 EQUIP. NO. / LOG. **6578** **BRK.**  
 RECORDED BY **RT THOMAS**  
 WITNESSED BY \_\_\_\_\_



IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGEMENT, BUT SINCE ALL INTERPRETATIONS ARE OPINIONS BASED ON MEASUREMENTS 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 OF OIL, DAMAGES, OR EXPENSES WHATSOEVER INCURRED OR SUSTAINED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.

**ATLAS WIRELINE SERVICES**  
 Eastern Atlas International  
 A Unit of/Division of General

REMARKS RUN ( 1 )

PRELIMINARY RESULTS  
 LOGGING FUTURE

OREGON NATURAL GAS CORP.  
 438 - 10

6. CHLORIDE 28.1  
 50  
 1900

