



Company: OREGON NATURAL GAS CORPORATION  
 Well: OM 41A-10  
 Field: MIST  
 County: COLUMBIA State: OREGON  
 Location: 1069 S. S. 35E W. 1R. D111/SP  
 N.E. CORNER OF: CD/C/N/GR  
 SEC: 10 TWP: 6N RGE: 58  
 2" = 100'

Permanent Datum: G1 Elev: 899.9' KB: 911.1'  
 Log Measured from: K3  
 Drilling Measured from: K3  
 Depth: 12-16-86  
 QM: 22807  
 Sensor Outer: 3067'  
 Depth: 3070'

Bottom Logged Interval: 3021' - 3021'  
 Top Logged Interval: 420' - 421'  
 Casing Outer: 4.416"  
 Bit Size: 7 1/8"  
 Density and Viscosity: 1.0 5. Sec  
 Type Fluid in Hole: cc  
 pH and Fluid Loss: cc  
 Source of Sample: FLO/LINE  
 Firm @ Mass Temp: 24.12 @ 70 °F  
 Firm @ Mass Temp: 3.07 @ 70 °F  
 Source of Firm and Firm: M. @ M.  
 Firm @ BHT: 1.5 @ L/SN THAW @ 70 °F  
 Firm Shear Calc: 3 HRS. THAW @ 70 °F  
 Equip No. and Location: 64061 SAG  
 Recorded by: G.A. HIGGS  
 Witnessed by: G.A. HIGGS

IN MAKING INTERPRETATIONS OF LOGS OUR EMPLOYEES WILL GIVE CUSTOMER THE BENEFIT OF THEIR BEST JUDGMENT, BUT WILL NOT BE RESPONSIBLE FOR ERRORS OR OMISSIONS OR INFERENCES FROM ELECTRIC OR OTHER MEASUREMENTS. WE CANNOT, AND WE DO NOT WARRANT 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 AS A RESULT OF OUR EMPLOYEES' INTERPRETATION OF LOGS.

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EQUIPMENT DATA

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	DIFL	72831	1503	1.5 90
1	1	PC	72822	1609	CENT.
1	1	CR			
1	1	CEL	79869	4202	VARIABLE

COMPANY: OREGON NATURAL GAS CORP. RUN: 1  
 WELL NAME: OM 41A-10 TRIP: 1  
 SERVICE: KC214N FILE: 3 DATE: 12/16/86 TIME: 4:22: 2  
 REVISION: FYSVAL OUG D007 VER 7 MODE: PLAYBACK

