



Confidential

FILE NO. _____
 PART NO. _____

Company OREGON NATURAL GAS CORPORATION
 Well TW 33 C-3

Field MIST
 County COLUMBIA State OREGON

LOCATION 1602-751' N. E. 2377-21' D111/S/P
 W. 1/4, S.E. CORNER 01+ C/D/C/T/W/GR
 D111

SFC 3 TWP 6N RGE 5W
 GI _____ Elev 1027.11' Elev 1010.61'
 Log Measured from K/S _____ 13.5' Above Permittent Datum Gr _____ 1077-117'

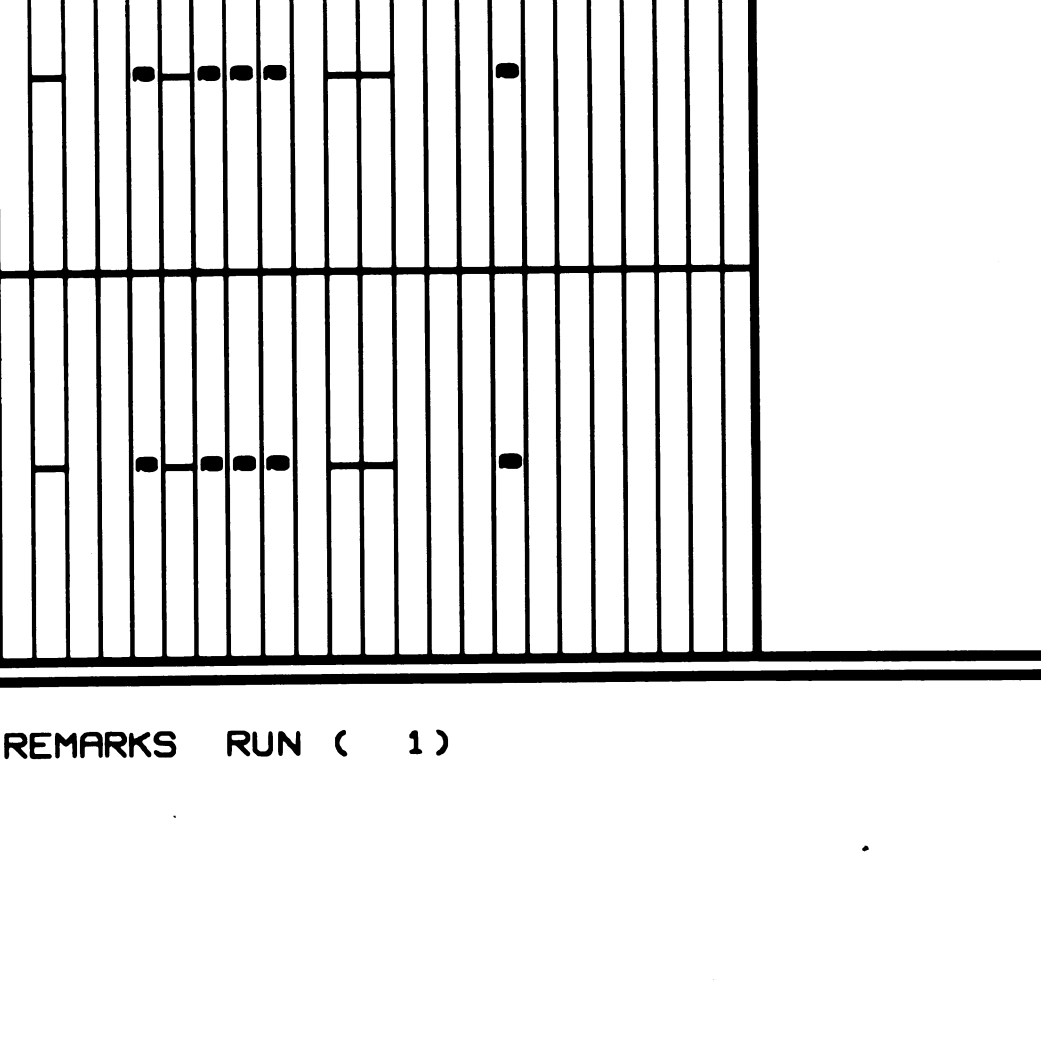
Drilling Measured from _____
 Date 1-7-87
 Run No. ONE TUD
 Source Order 22815 27741
 Depth-Duiker 25351 27721
 Bottom Logged Interval 25027 27427

Top Logged Interval 4951 25191 @ 8.518 @ 2914'
 Casting-Duiker 13.3/ 4981 @ 8.518 @ 2914'

Casting-Logger 4951 25191 @ 8.518 @ 2914'

Bit Size 1 7/8" 7.518"
 Type Fluid in Hole ORZAN/DRI/SFAC KCL/PYLLR
 Density and Viscosity 9.8 5.2 cc
 pH and Fluid Loss 1.3 3.6 cc
 Source of Sample FLOWLINE @
 Time @ Mass Temp 2.65 @ 20.0 °F
 Time @ Mass Temp 3.42 @ 20.0 °F
 Source of Port and Time 14.85 @ 20.0 °F
 Time @ BIT 1.32 @ LESSETHAN @ 0.2 °F
 Time Since Circ 4 HRS.
 Max Rec Temp Deg F 63.06 SAC
 Equip. No and Location 6404 SAC
 Recorded by M. THOMAS
 Witnessed by M. THOMAS

IN MAKING INTERPRETATIONS OF LOSS OUR EMPLOYEES WILL GIVE CREDIT THE BEST FIT OF THEIR INTERPRETATIONS THE OPINIONS EXPRESSED ON INTERPRETATIONS ARE OPINIONS BASED ON INFORMATION RECEIVED FROM OTHER PERSONNEL. WE CANNOT, AND WE DO NOT GUARANTEE THE RECORD, OR STATEMENT OF ANY INTERPRETATION. WE STATEMENT OF WELL OPERATOR'S EXPENSES AND LOSSES INCURRED OR SUSPECTED BY THE CUSTOMER RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR EMPLOYEES.



REMARKS RUN (1)

RUN	TRIP	TOOL	SERIAL NO.	SERIES NO.	POSITION
1	1	DIFL	72931	1503	CENT.
1	1	AC	79725	1609	CENT.
1	1	GR			VARIABLE
1	1	CAF	57674	4282	VARIABLE

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COMPANY: OREGON NATURAL GAS CORP. RUN: 1
 WELL NAME: TW 33 C-3 TRIP: 1
 SERVICE: KCE214N FILE: 3 DATE: 1/7/87 TIME: 2:0:51
 REVISION: FYSRSL 003 D007 UER 7 MODE: PLAYBACK

