

COMPANY: NORTHWEST NATURAL GAS
WELL: OM 22-26-65 RD
FIELD: MIST
COUNTY: COLUMBIA STATE: OREGON
Schlumberger
ARRAY INDUCTION
BHC SONIC /SP/GR
SCALE: 2" = 100'

Field: 1744.22 SOUTH 2512.13 EAST
Location: OM 22-26-65 RD
Company: NORTHWEST NATURAL GAS

LOCATIONS
From the NW Corner of 26
17442.5 S 102.1213 E
GEOGRAPHIC COORDINATE
Elev: 621.1 H
G.L. 621.1 H
Drilling Measured From: K.B
API Serial No: 21201
21201 H
SECTION: 20
TOWNSHIP: 9N
RANGE: 20W

Log Intervals
Depth Interval (ft) Log Intervals (ft)
487.8 487.8
2120.1 487.8

Log Intervals
Depth Interval (ft) Log Intervals (ft)
2120.1 2120.1
2120.1 2120.1
2120.1 2120.1
2120.1 2120.1
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MUD
Type Fluid Name: Viscosity: E.C.W.M.E. @ 100 RPM: E.C.W.M.E. @ 300 RPM: E.C.W.M.E. @ 600 RPM: E.C.W.M.E. @ 1200 RPM
Fluid Type: 9 9 9 9
Mud Weight: 12.5 lb/gal 12.5 lb/gal 12.5 lb/gal 12.5 lb/gal
Mud Yield: 10.0 qt/gal 10.0 qt/gal 10.0 qt/gal 10.0 qt/gal
Mud Loss: 0.000 qt/gal 0.000 qt/gal 0.000 qt/gal 0.000 qt/gal
Mud Filtrate: 0.000 qt/gal 0.000 qt/gal 0.000 qt/gal 0.000 qt/gal

MAXIMUM RECORDED TEMPERATURES
Temperature (F) Temperature (C) Time of Day (HH:MM:SS) Location
MST 2120.1 2120.1
MST 2120.1 2120.1
MST 2120.1 2120.1
MST 2120.1 2120.1
MST 2120.1 2120.1

DISCLAIMER
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OTHER SERVICES/1
OS1: FMI GR
OS2:
OS3:
OS4:
OS5:

OTHER SERVICES/2
OS1:
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 1

REMARKS: RUN NUMBER 2

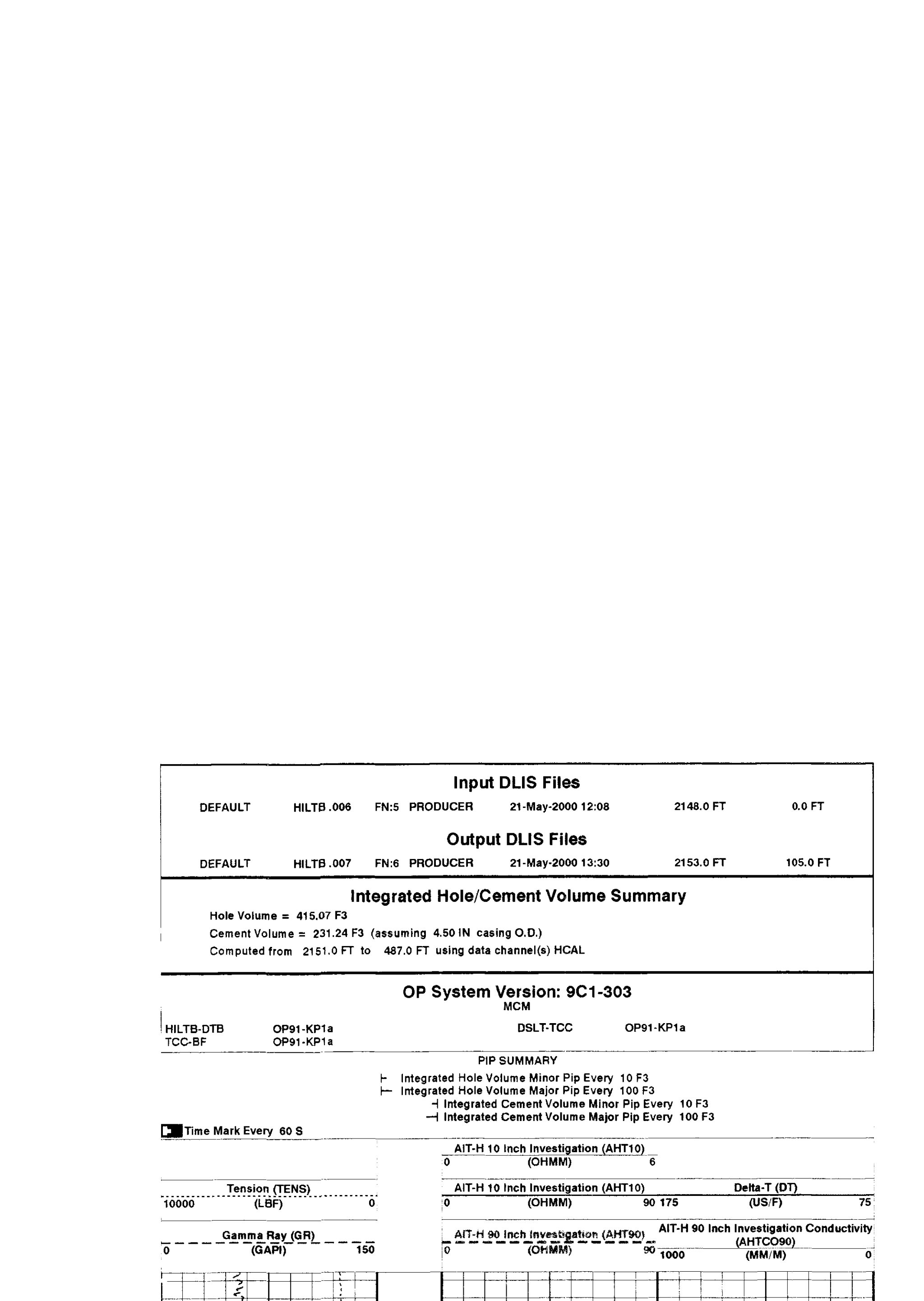
SERVICES ORDER # PROGRAM VERSION: RUN 1
6C1-303
COOLED INTERVAL START STOP

SERVICES ORDER # PROGRAM VERSION: RUN 2
FLUID LEVELS
COOLED INTERVAL START STOP

EQUIPMENT DESCRIPTION

RUN 1 SURFACE EQUIPMENT
W-TM, CTS-A

RUN 2



Input DLIS Files

DEFAULT	HILTB.006	FN:5	PRODUCER	21-May-2000 12:08	2148.0 FT	0.0 FT
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Output DLIS Files

DEFAULT	HILTB.007	FN:6	PRODUCER	21-May-2000 13:30	2153.0 FT	105.0 FT
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Integrated Hole/Cement Volume Summary

Hole Volume = 415.07 F3
Cement Volume = 231.24 F3 (assuming 4.80 IN casing O.D.)
Computed from 2151.0 FT to 487.0 FT using data channel: HCAL

OP System Version: 9C1-303
MCM

HILTB-DTB OP91-KP1a
TCC-BF OP91-KP1a

DSLTTCC OP91-KP1a

PIP SUMMARY

- Integrated Hole Volume Minor Pip Every 10 F3
- Integrated Hole Volume Major Pip Every 100 F3
- Integrated Cement Volume Minor Pip Every 10 F3
- Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

