

COUNTY: COLUMBIA
Field: CALVIN CREEK REICHOLD P
Location: SHL 976.5 NORTH & 1256.3
Well: IW 14dH-23-65
Company: NORTHWEST NATURAL GAS

LOGGING DATE: 21-OCT-2001
LOGGING TIME: 11:52 AM
LOGGING LOCATION: SCHLUMBERGER DEPTH

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Run #	Start	Stop	Remarks
Run 1	902.303	2144.0	BHL - NORTH & 1176 EAST OF THE SOUTHWEST CORNER OF SECTION 23 CORNER RELATED TO LOG RAN BY SCHLUMBERGER ON 21-OCT-2001
Run 2	902.303	2144.0	RAN ON T.L.C.
Run 3	902.303	2144.0	USED FOUR KNUCKLE JOINTS AND THREE GEMCOS
Run 4	902.303	2144.0	RESISTIVITY SCALE CHANGES MADE AS PER CLIENT REQUEST

DISCLAIMER: THE USE OF AND RELIANCE UPON THIS RECORDED DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING (a) RESTRICTIONS ON THE USE OF THE RECORDED DATA, (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED DATA, AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED DATA.

OTHER SERVICES1: OS1: FMI-GR
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 1
BHL - NORTH & 1176 EAST OF THE SOUTHWEST CORNER OF SECTION 23 CORNER RELATED TO LOG RAN BY SCHLUMBERGER ON 21-OCT-2001

REMARKS: RUN NUMBER 2
RAN ON T.L.C.

REMARKS: RUN NUMBER 3
USED FOUR KNUCKLE JOINTS AND THREE GEMCOS

REMARKS: RUN NUMBER 4
RESISTIVITY SCALE CHANGES MADE AS PER CLIENT REQUEST

MAX TEMP RECORDED AT BOTTOM: 75DEGF

SP FISH MOVED SEVERAL TIMES

SPLICEPERFORMED AT 2850FT AS SHOWN ON LOGS

BHC REMOVED IN CONSULTATION WITH GEOLOGIST DUE TO POSSIBLE ECCENTRALIZATION

CREW: ROCKY BECK, BRAD TOMM

SERVICE ORDER #: 9C2-303
PROGRAM VERSION: FLUID LEVEL

LOGGED INTERVAL: START STOP

EQUIPMENT DESCRIPTION

Run #	Equipment
Run 1	SRPC-2078-HILT 9C2-303
Run 2	SRPC-2078-HILT 9C2-303

Run #	Surface Equipment	Downhole Equipment
Run 1	GSR-U/Y NCT-B CNS-AB	<ul style="list-style-type: none"> 91.2 AH-CSES 87.2 AH-X-OVER 86.2 DWCH-A 78.2 AH-107 76.2 SAH-F 71.3 TCC-BF 68.3 ACTS-B1 64.3 DSLLT-TCC 43.6 AH-107 39.6 HILTB-DTB
Run 2	GSR-U/Y NCT-B CNS-AB	<ul style="list-style-type: none"> 93.2 AH-CSES 89.2 AH-X-OVER 88.2 DWCH-A 80.2 AH-107 78.2 SAH-F 70.3 TCC-BF 70.3 ACTS-B1 66.3 DSLLT-TCC 43.6 AH-107 41.6 HILTB-DTB

MAXIMUM STRING DIAMETER 6.86 IN MEASUREMENTS RELATIVE TO TOOL ZERO ALL LENGTHS IN FEET

MAXIMUM STRING DIAMETER 5.00 IN MEASUREMENTS RELATIVE TO TOOL ZERO ALL LENGTHS IN FEET

Time Mark Every 60 S

Integrated Hole Volume Summary

Hole Volume = 306.40 R3
Cement Volume = 161.79 R3 (assuming 5.50 in casing O.D.)
Computed from 3020.0 ft to 2144.0 ft

OP System Version: 9C2-303

Time Mark Every 60 S

Integrated Hole Volume Minor Pip Every 10 F3
Integrated Hole Volume Major Pip Every 100 F3
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Format: PORO S2 Vertical Scale: 2" per 100' Graphics File Created: 18-Nov-2001 08:14

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