

NB#13

Hughes, Gx-23 7

11/19-1/31/2008

2/1/2008

WOB 22-24K
RPM 80-85
PP 1800
SPM#1-85

2/2/2008

6100

6200

6300

6400

B/U Temp 134°

Temp. In 130°F

Temp. out 134°F

Temp. In 125°F

Temp. out 137°F

Temp. In 128°F

Temp. out 139°F

Temp. In 130°F

Temp. out 140°F

Pump Sweep

Pump Sweep

WELDED TUFF: CLR-YELSH WHT,
WHT, PL HUES OF GRN; AMOR, TR
SLICK; LOC ABND EUHD QTZ,
CLR-CLDY; V RR HEMTT STNG, COM
CALCT, RR PRY, RR CHLOR.

POOH FOR BIT, SWITCH OVER
FROM AIR TO MUD DRILLING
F/6091' - T/6094'; POOH FOR
REPAIRS, RESUME DRILLING
OPERATIONS ON 1/30/2008,
STAGING IN THE HOLE.

ALTERED TUFF: DOM WHT, V LT GRY
IN BULK SPL, MNR LT BRN, PL
GRN; HD MED TO FN XSTLN; QTZ &
FSPR; COM HEMTT COATING CTGS
SURFS; MNR SPOTTY CHLRT; OCC FN
DISSEM PYR; POSS REALGAR;
PERVASIVELY CALCAREOUS.

ALTERED TUFF: V LT GRY IN BULK
SPL, WHT, CLR, CLOUDY, V PL
GRN; HD; DENSE; OVERALL MED
XSTLN; POSS REXSTLZD
RHYLT/TUFF; DOM ANHDRL
QTZ/FSPR; DOM SHARP, SERRATED
CTGS; OFTN WHT ASHY, SOFT CTGS
F/BIT PULVERAZATION; 3% CLHRT
INCLUSIONS; RR V FN PYR;
PERVASIVELY CALC; V MNR P-P
HEMTT.

NOTE: INCREASE IN FINE CRSTALN
CALCITE ASSOC W/SL INCREASE
IN TEMP @ 6230'

ALTERED TUFF: FRSTD, WHR, CLR,
RR PL GRN; HD; DENSE; UNIFORM
TEX; MED XSTLN; DOM ANHDRL QTZ
& FSPR; OCC ANHDRL CALCT;
DCRSNG TO TR CHLRT ALTS; RR V
FN CUBIC PYR.

WELDED TUFF: WHT; HD, DENSE;
OPAQUE; BCMNG CRYPTOXSTLN; OCC
IMM ANHDRL QTZ SPHERES;
UNIFORM; INCRSNGLY SILIC; OCC
VITRIC; DCRS IN CALC; INCRSNGLY
PYRITIC; V RR CHLOR.

MW 8.8 VIS 54

ALTERED DACITE: LT TO MED GRN;
DOM V FIRM; OCC FOLIATED; V
CHLORITIC; GRADATIONAL W/WELDED
TUFF; OCC ASHY APPRNC; V CALC;
TR RELIC BIOTT; EVENLY DISSEM
PYR; RR SERICITE.

CHLORITIC DACITE: MED GRN,
(GREENSTONE); SPECKLED APPRNC;
REXSTLZD; V FNLY PORPHRTC;
EXHIBITS FAINT FOLIATION;
STRONGLY CHLORITIC; ABUN FN
PORPHYBLASTS OF PROBABLE
ALBITE; MOD HD; CALC; OCC PYR;
RR HEMTT.

ALTERED WELDED TUFF: WHT, V LT
GRY, CLR, V FNT GRN; HD & DENSE
TO SOFT & CHALKY; APHANITIC/
MICROXSTLN; VITREOUS TO PUNKY;
POSS BIT GOUGED; TR CHLORTZTN;
INCRSD DISSEM PYR W/ DCRS CHLOR.

SURVEY @ 6433': NO GOOD,
MRT=162°F.