

LEVEL BOOK

#101596

SCHRAMM

12/05 -

ST. JOE #7, 9

18736, 18743

 BEN MEADOWS COMPANY
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When
the
Outdoors
is Your
Office™

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12/5/05 CB, LB

SET UP ON SUPPLY WELL SITE.
BEGIN @ SURFACE W/ 10" POWER
BIT TO 20' BLS. SET 6" PVC
CSG. INSIDE 6" PVC W/ 5 7/8
POWER BIT. DRILL TO 73' BLS.
WHERE CIRCULATION WAS LOST.
CONTINUE TO 73' BLS. PULL
ONLY DRILLED TO 53' BLS ON 12/5.

CB, LB

12/6/05 CONTINUE DRILLING FROM
53' TO 73' BLS. LOST CIRCULATION
@ 73' BLS. PULL 5 7/8. SET 4"
WELL W/ MILLER TO 73' BLS. HOLE
PLUG AROUND 4". SWFEMA - CHRIS
AND GEORGE TO SITE TO SEE RIG.

SEF - ST JOE #7

W18736

12/12/05

CB, LB

DEVELOP HAPPA WELL W/ A.R.
SET PUMP, PLUMB, CONTROL BOX,
ETC LET PUMP RUN ~ 1 HR.

12/13/05

CB, LB

SET UP ON NEW LOGS TO
BEGIN DRILLING.

0-10 YELLOW/TAN SILTY SAND 0-7'
WHITE/TAN LF SAND 7-10'

10-20 WHITE/TAN LF SAND, CLAY BLEND
PRESENT @ BOTTOM OF RUN

20-23 GR/TAN/BWN CLAYEY SAND.

PULL NQ IN W/ 1 1/2" ROPEL GT
TO 23' BLE

12/13/05 CONT.

PULL 10" BIT. SET 6" PVC TO
23' ALS. SET UP REAR CULTIVATION
SYSTEM. BEGIN CORING AGAIN

23-30 GR/DRN SANDY LS W/ INTERMITTANT
GREEN/BLUE CLAY LENSES.

30-40 INTERMITTANT GR FOL. LS W/
GR SOFT CLAY W/ LS. MUCH
OF THE CLAY SECTION LOST.

40-50 GR/DRN LS W/ INTER. CLAY
LENSES. MUCH OF CLAY LENSES
LOST.

GO TO HARDWARE STORE FOR SUPPLIES.
GO TO CLAY.

Har Davis calls message @ 9:00 PM
TO CONTINUE TO 100' BEHIND SMILING.

12/14/68

CB, CB

CHECK OIL IN RIG. ENG. VACUUM
LIGHT ON @ 500 OF YETTERDAY.
WARM UP RIG. BEGIN CORING.

50-60 GR LS w/ BLUE/GREEN CLAY.

BOTTOM OF RUN LS. LAST CIRCULATION
@ 58' BGS.

60-70 65'-68' CAVITY

60-63 GR/TAN LS.

63-68 CAVITY

68-70 - GR/TAN LS.

70-80

70-73 GR MOLDIC FOSS LS

SOME REFLUXIZATION

73-80 CAVITY

80-90

80-85 CAVITY

85-85.5 GR LS. - GRAYSTONE

85.5-87 CAVITY

87-87.5 OK GR LS TO BLUE CLAY.

87.5-89 CAVITY

89-90 GR FOSS LS.

12/14/05 cont.

90-100

90-91 ER LS

91-96 CAVITY

96-97 ER. LS

97-99 CAVITY

99-100 ER M-DIC LS.

STOP FOR HAL TO TAKE H₂O
SAMPLES BLOW AIR THROUGH ALL
LINES, DRAW PUMPS, PREPARE FOR
FLUKE.

12/15/05

CS, LB

RAIN, 6.00

MEET HAT CARIS TO TAKE $\frac{1}{2}$ O
SERVICE.

12/19/05

CS, LB

100-110 GR. CHALKY LS. 104-104.5, 107-108

100-104 CAVITY

104.5-107 CAVITY

108-110 CAVITY

118-120 GR. CHALKY SOFT LS. FOR RECOVERY

~~RECOVERY~~ HOLD BACK

120-130 GR. CHALKY SOFT LS. HOLD BACK IN

FEED PRESSURES

130-140 DRILLING BIT HARD @ 130!

INCREASE FEED PRESSURES

INCREASE RPM'S

130-138 GR. CHALKY SOFT LS

138-140 BEN DULCISANT

140-150 140-141 BEN DULCISANT

141-142 CAVITY

142-150 BEN SOFT MUDSTONE

12/19/05 cont

- take H₂O sample @ 150'
22' 6" PVC CSG
148' NP DRILL PIPE
pumped 45 min

150-160 GR/TAN ULGAY LS - HARD DRILLING

151-155 CAVITY

158-160 CAVITY

160-170

160-164 CAVITY 164-165 NP/ULGAY DOLOMITE.

165-166.5 CAVITY 166.5-167.5 GRN LS

167-167.5 CAVITY

167.5-170 GRN ULGAY LS/DOLOMITE

DRAIN M-200, Blow me through
LINES.

7400 ~~7400~~ DT 7466

OIL PRESSURE 71 PSI cold @ 1200 RPM
3080 MILES 250 PSI

OIL PRESSURE 61 PSI @ 147° @ 1200
50 PSI @ 167° 980 RPM
34 PSI @ idle

STEVE

15:00 LOSING COMMUNICATION TO SUBOTSKY
625-14P

ENGINE control

12/20/05

CB, LB

cold

CALL WARD INTERNATIONAL
CONCERNING ORANGE ENGINE UTS
; ENGINE WARNING REASON,
CHECK CODES w/ STEVE. CAN
RETN. DELG TO ALL OFF SITE
@ END OF PM: GET TO
WARD TO BE FIXED.

170-179 NEW DOWNSIDE PLUGGED @
178"

178-181 178-178.5 NEW DOWNSIDE
178.5-180.5 CAUTION
180-184 NEW DOWNSIDE plugged

1-3-06

CB, LS

p/c rig @ OAKS INTL. PU
SITE. SET UP. DOORE H₂O. FITTING
ON B/O WRENCH TO TUB. H₂O.
FOR REPLACEMENT.

1-4-06

CB, LS

TRIP RISE IN TO 184.5 BEGIN
CORING. HOIT VERY STABLE SET
TO BOTTOM

184-190

1750 R/A, 850 DAWNS, 12000 mm R.

184-189.5 GRN MNDIC POLYMERIC
LS.

189.5-190 GR SUFT GLAUCONITE

190-200

GR SUFT LS 190-194.5

194.5-196 GRN POLYMERIC LS

196-200 GR/DK GRAY SUFT LS.

TAKE H₂O SAMPLES

BILL SWEENEY

MIAMI CS CALCAREOUS
KEY LAGOON CORAL
SAND / DEEPER

90' INJECTION WELLS

136 JMS KEY - 100' WEST

JIM MARY PHONE #

1-4-06 cont

200-210 200-202

CAVITY 202 - 204

CAVITY 209-210

204-208 BEN DOLOSTONE

210-220 210-212 BEN DOLOSTONE

212-214 CAVITY

214-215 BEN DOLOSTONE

215-216 CAVITY

216-217 LT. GRN / GR DOLOMITE CS

217-218 CAVITY

218-220 LT GRN / GR DOLOMITE CS.

220-230 GR, CS. ORGANIC LENS @ BOTTOM
of Run.

2nd MARRY
407 421 0723

1-5-66 CB, LB

230-240 LT. GRN/GR LS TO 237'
237-240 GR STAINED LS.

240-250 GR STAINED LS. FULL RECOVER.
WATER SAMPLE, KS TO SITE

250-260 LT. GRN MUDSTONE
252-257 CAVITY
257-258 LT. GRN MUDSTONE
258-259 CAVITY
259-260 LT. GRN MUDSTONE

260-270 GR LS. POOR REC.
264-265 CAVITY

270-280 LT. GR/OK GR SHELLY LS. HASH
FORMAL REFRST.

280-290 GR SHELLY LS. HASH
FULL REC.

290-300 GR. SHELLY LS.

WATER SAMPLE

1-9-05

CS, CB

MEET @ W-HOUSE LOAD
PIPE. TO SITE. MOVE TANKS
AROUND FILL H_2O TANK. &
LABELS on CONTROL PANEL OF
Rig. WASH TO BOTTOM.

BEGIN CORING 3 PM

300-310 GR STIBLY CS
307-308 GR ~~STIBLY~~ DOMINANT CS
308-310 GR MORIC, FISS. CS.

CLEAN UP. END DAY.

1-10-06

CB, LB

cold

310-320 310-318 GR MOUND FORT LS
318-320 BRN MOUND LS.

WIRELINE DUMPS BACK PULLER
SET UP ON 6" CS 4' CLEAR
5' LET OVER HWT TO FIX.

320-330 320-321 GR MOUND FORT LS.
321-325 SOFT CAVITY, CAVITY FILL?
325-330 BRN MOUND LS.

330-340 BRN FILL MOUND LS. FULL REC

340-350 GR/BRN FORT MOUND LS.

TAKE H₂O SAMPLE

350-360 ~~BRN FILL MOUND LS~~
BRN FILL MOUND LS

360-370 360-362 CAVITY
362-369 BRN MOUND LS
369-371 CAVITY
EVIDENCE OF FILL IN 362-369
ZONE

1-10-06 cash

370-380 370-371 CAVITY

371- BAN Foss Mouldic LJ

1-11-06

CS, LS

WASH TO BOTTOM

380-390

380-381 BAN Foss Mouldic LJ

381-382 CAVITY

382-383 BAN Foss Mouldic LJ

383-384 CAVITY

384-385 BAN Foss. Mouldic LJ

385-386 CAVITY

386-387 BAN Foss Mouldic LJ

387-388 CAVITY

388-390 BAN Foss Mouldic LJ

1-11-06 cont

390-392 CR FOSI MOLDIC LS

390-400

392-394 CAVITY

~~394-400~~ 394-400 CR FOSI MOLDIC
LS.

BACK IN TO 1460 RM, STOPPED PERD.

150 PSI MUD DRESSING

WIRELOG GOOD, BETTER REC.

WATER SAMPLE

400-410

400-408 CR FOSI, MOLDIC LS

408-409 CAVITY

409-500 CR FOSI MOLDIC LS

WIRELINE JUMPED SHEAR
FIX.

410-420

1-11-06 cont

420-430 420-421 GL Foss U
421-422 CAVITY
422-423 GL Foss U
423-424 CAVITY
424-427 GL Foss U
427-429 CAVITY
429-430 GL Foss U

430-440 430-433 CAVITY
433-440 GRN MOLAR, Foss U

440-450 GR BATTLE MOLAR, Foss U

$\frac{1}{2}$ O Samples.

450-460 450-451 GR MOLAR U
451-453 CAVITY
453-454 GL MOLAR U
454-455 CAVITY
455-458 GR MOLAR U
458-460 CAVITY

1-11-06 cont.

460-470 460-461 GL. MOL. OR CS

461-462.5 CAVITY

462.5-464 GL. MOL. OR CS

464-465 CAVITY

465-467.5 GL. MOL. OR CS

467.5-468 CAVITY

468-470 GL. MOL. OR CS

END DAY.

1-12-06

CS, LB.

TAKE BENT 10' RD (NG)

OUT OF LINE PUMP IN

INNER BEL. NORTH TO S. TURN

400 Rod.

~~Handwritten scribbles and crossed-out text.~~

TOM PLATT WANTED FOR CB
TO CALL TOM AROUND @ DISCUSS
ABOUT PLUGGING BITTER A
Hole. 539.5357

470-480 470-473 OR MOUNT LS
473-474 cavity
474-477 OR MOUNT LS
479-480 cavity

480-487.5

pull up to 260' sea

NIN 800 334-4927

LONGYEAR ~~800~~
770.469-2720

2-8-06

CB, LB

RUN NO TI BOTTOM. AND
PUSH TO ~310' BS. PULL
NP : PREPARE FOR LOGGING
ON 2/9/06.

2-9-06

CB, LB

NO LOGGING TODAY. BEGIN
POPPING IN 3' CSB. WANT
TO RUN AN WAY TO BOTTOM,
SET PROGRAMS AND TO STOP
AND FLOW UP HOLE.

172,
RUN CSB TO 172' BS.

BIT GONE THIS TIME.
CLOSE NEW STOP

300' hanging

2-13-06

CB, LB

Run 3" CS to 172', BEGIN
ADVANCING. MITHI FEIZAN. THAW

DOWNFEEL 700 PSI

HAZARD 400 PSI

RODMAN 1200 PSI

1850 PSI SUGARS

LO/HI

BA GIVE @ 174' BLS. FROM NU.

Run IN 3 1/4" DUTTON B.F.
TO 275'. FROM 3 1/4" Run
IN 3" TO 280' BLS.

End day

2-14-06

CS, BC

Run 3" to bottom of hole
begin drilling. Holes clear.
cannot get to bottom of hole.

pull to 274' run in 275'
2" PVC. mix mud. jet.
jump to 506' 1' mud. no return

pull 2" PVC
bottom 15' pull
off 1" (bottom of
hole).

pull 3" CSB.

276

Mabry -

STIFF FROM

CONTAMINANT FROM TOP

COORE MICH. 5.504

$\frac{1}{4}$ - $\frac{1}{2}$ %

gt-gel / 100 g d H₂O

① 12 lb / 100 g d H₂O
show my cells

② 4.5 lb / 100 g d H₂O
show my cells

③ transfer to another tub

add former (from tub) liquid
should be black
insert into Red tube air in a
(over)

2-15-06

CBS, EC

ADD 2.5' 6" PK TO TOP
of JARVIS CSD 6" PAK -
1' 2-14-06.

Run in w/ 3 1/4 Bottom BRT.
TO 24 TO REACH BOTTOM (487')
w/ IT. GIVE IT TO REACH
487' : SET PISTON TO PWS.
@ BOTTOM TO REENT AND
FLW UP HAW.

need nozzle on bit for
smaller offset
3/8" offset on bit

23rd

3-7-06

OB, LB, JH

MIX 52 W/ 610 / AQF2

RUN APS IN HOLE TO 176'

INSERT FIRM w/ COMPRESSOR

125 PSI MIN

120 PSI 40R

DRILL TO 216' w/ 3 1/2". MAKE

100' 2". STOP UP PAPER PULL

PPH, CLEAR. + STABILIZED.

RUN IN w/ 4" CSG TO 160'

2561

GREGORY J. SOHN

703-644-4382

LE. Edwards

WRIGHT Horton

703-648-6955

3-13-06

CB, LB, BC

Run in 3 1/8" STABILIZER
TO 160' MIX FOAM. BEGIN
DRILLING. DRILL TO 176'

SAVED FULL HOPE LATER
MARKING ROD 3. TEST AGAIN
SAME TIME BACK IN W/
3 1/4". DRILL W/FOAM @
BOTTOM. TURN ON AIR. 5' FEUSE
W/ H₂O TIL AIR IS OUT OF
SYSTEM. DRILL 445 TH,
TO 216'. PICK UP TO
166' ACS

Sidds

3-14-06

CB, LB, BC

Run $3\frac{1}{8}$ " TO BOTTOM. THE BOTTOM
BOTTOM @ 208'. Pull $3\frac{1}{8}$ ".

Run IN 4 " TO: 200'.

Run $3\frac{1}{8}$ " BACK ~ THEN
 4 " BEGINS OPENING HOLES.
S

$3\frac{1}{8}$ " STOPS 188' BS. 4 "
SITTING SEVERE & BROKEN
@ 1st JOINT FROM BOTTOM

PULL $3\frac{1}{8}$ ". CAN KC TO THE
CAMERA DISCOVERED.

27 width
18.5 left
26 Right

3-16-06

CB, LB, BC

Run in 4" to 3176' BLS
Run in 3 1/8" STABILIZER
DOWN TO 226'. Pull and
out at bottom. WAS NOT
ALONG 6" STAND PWS.

pull 3 1/8.

Run to lower p/w.
palette of concrete mix
mix & put in WAIT OUT

pull 26 ft down

3/20

CB, BC

ADD 2nd palette of concrete
mix. TOP at 77 & 80 B
3466. Lot set up overmix
(over w/ plastic)

3-21-06

CS, LB, BL

BACK IN OVER HILL

BSGm Runway N 3 1/4"

TO 296'

WIRELINE LUNCH

DRAGON LUNCH

0550893

HYD MOTOR

5089801

PREFAN

HEAD 002 KL 480 Series # 228

HYD. TANK ELEMENT (S)

SCHLACKER ELEMENT K210 SERIES D

MOOSE RT2K210P211NNSOY2

DONKASON AIR CLEANER

FUG12-0059 AIR CLEANER

RESPIRATOR SERVICE FILTER KLP18-2035

SCHEDULED SERVICE FILTER SNA18-1035

3-28-06

MAN R

A.P.

LO closed

125 PSI

125

LO open

125 PSI

125

closed 125

hand drawn

to 125

H. closed

200 PSI

220

H. open

200 PSI

200

210 when

closed

*

DID NOT UNLOCK @ 125.

496

4" @ 176'

20 | 320
 16 ←

3-29-06

CS, LS

put 5/16 COMPRESSION X 1/4
WPT ON SENSING LINE TO
COMPRESSOR TANK BOTTOM TAP
OF COMPRESSOR DOWN. RUN
IN 3 1/8.

296

316

336

356

376

396

416

436

456

476

478

→ SET PRETANK PULV.

PULL 3 7/8 INSIDE 4" CS

PULL 2 1/2"

3-30-06

CBCLB

Run in 3 1/4" 746 bottom
hole area to 478'

all 3 1/4"

51865

11 Bags

4-11-66

CS, CB, HD

Put in NQ to 450'
Tide H₂O and 1/2 H₂O.
pump 66 gal. girth ~ 85.'

pull NQ to 260.'

4-11-66

CB, LB

Put bottom (N₂) Bottom
down 440' pump 80 gal
sift - pull to 240

4-12-66

CS, CB

Put Bottom - Bottom @ 264' BLS
pull NQ. and H₂O

$$\begin{array}{r} 176 \\ 35 \\ \hline 141 \end{array}$$

$$\begin{array}{r} 196 \\ 176 \\ \hline 20 \\ .65 \text{ gal/ft} \\ 20 \text{ ft} \\ \hline 13.00 \text{ gal} \\ .65 \text{ gal/ft} \\ 50 \text{ gal} \\ \hline 32.50 \end{array}$$

$$\begin{array}{r} 196 \\ 176 \\ \hline 20 \\ .65 \text{ gal/ft} \\ 50 \text{ gal} \\ \hline 32.50 \end{array}$$

1345

$$\begin{array}{r} 196 \\ 176 \\ \hline 20 \\ 120 \end{array}$$

$$\begin{array}{r} 4.5 \\ 6.5 \\ \hline 11 \end{array}$$

$$\begin{array}{r} 4.5 \\ 6.5 \\ \hline 11 \end{array}$$

4-13-06

CB, LB, HD.

RN N4 TO 264' HAS BITUM.
pull back to 2R. purple
for 1 HL NO ST H2O.
-3 CHOUCAN.77

RN N 2" USE CB. 77
TO 200'. NEW IN TRANS.
PUMP WITH PAPER @ 197'

4-17-06

CB, CB

PAPER @ 197'. GENE @
196'. pour 1.3 gal.

PULL 4" TO 141'.
pulled 75'

$$\begin{array}{r} 186 \\ 164 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 76 \\ .65 \overline{) 50.00} \\ \underline{.65} \\ 100 \\ \underline{65} \\ 350 \end{array}$$

orig
y.l.y
76
88

6 Berg

$$\begin{array}{r} 161 \\ 160 \\ \hline \end{array}$$

1 by

6)

4-18-06 03, CA

7th GWT, 164
MIX GWT 50 gal (~76')

PUMP. fill 120' 4" to
MARKER. fill 20' up
HOLE. pour the MARKER
4" 41' 4" in HOLE

4-19-06 03, CA

GWT @ 185' p/u gravel
2 bags of gravel to hole
MARKER TO 173' 400
SAND TO 170'
pour 15 gal gravel

5 bags

21 bags
gravel

32 bags
gravel

38 bags
gravel

4 bags

4-20-06

CS, CS, HD

HD sample well. GROUT @ 164'
p-21 GROUT

4-24-06

CS, CS, HD

HD sample well. GROUT @ 162'

4-25-06

CS, CS

4-26-05

CS, CS

Rx to 160'

pump GROUT

20 gravel
15 gravel

3 bags cement

33 bags gravel
2 bags sand
5 bags puller

4-27-06

CS, HD

Bottom @ 126' new hole
Gravel to fill in

same job

5-1-06

CS, LB

400 20 bags gravel
15 bags gravel 80' hole

5-2-06

CS, LB

Bottom @ 81' B.C.S.
Gravel to 61' B.C.S.

pull up all site and
move to shallow hole

5-3-06

CB, LB, HA.

CRUST IN OCEAN WELL @ 57' 8" IS
HD TO SURFACE DEEP WELL.

Run in 5 7/8 STANDARD 5 DECN
Running from 93' 8" TO 120' 8".

NO AIR TO PIPE.

CHECK VALVE ABOVE AIR VALVE
5' AIR VALVE FAILED. CAN

SEPARATE TO

SET NEW.

BEGIN DRIVING.

Set well @ 100' w/
parker @ 97' 1/2" by
w. plug

#5-4-06 BC, LB

#7 grout to 57.5'

#~~7~~ grout to ~50'

7-D 3 Bags rock

4 Bags cement

7-S 2 Bags cement

Net Hal for new Stanton
he has installed USCS Key
on Rhodes Covey's Room

5-8-06

CS, CS

part.

2 bags in door

3 bags at new

5-8-06

CS, US, GR

set part cleanup sort

W18743

SEP 17 JOE # 9
US, US

5-16-07

MORE EQUIP.

5-22-07

US, US

MORE H2O TUCK
SET UP.

Run 12" BIT TO 18' where
Run 11. Run 6" pipe to
18'.

$1\frac{1}{8}$
1 $1\frac{1}{4}$ 2

5-22-06 CS, LB

RUN IN $5\frac{7}{8}$ " STAB.
DRILL IN $4\frac{1}{2}$ ". ARE COMPRESSIVE
LEAKING, COND. FLUID. NEED
WEATHERS BIGGER THAN $1\frac{1}{4}$ "

5-23-06 CS, LB

R P/U weather from
CONCRETE LINES. FIX SPENT
ELBOW INTO RACKETS OF
COMPRESSIVE (LOOSE).

5-24-06 CS, LB

BACK IN W/ $5\frac{7}{8}$ TO
40' ACH BEING DRILLING.

2826-0918 1" x 124"
STREET L

HEAD - LEAK OUT @ H₂O HANDLES
CURRY PISTON ADAPTER - CANTYMAN

HEAD

JDR SEALS H₂O ADAPTER 5/10
FLUID FOR HEAD? 150/50 GEAR OIL
CAPACITY

WINCH WRAP
SCAVENGER LINE

5-25-06

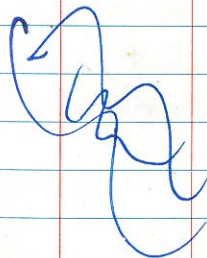
CS, US

COMPRESSION NOT WORKING

5-30-06

CS, GR, LA

DULL TO 90' DUCT TO
100' P. 11 5/8 RUN IN
4" PUC TO 100. FOLDS
PLUG



White - yellow

Power source 2/grade to U C2
White - ground

Red - Red

Black - Red

White - yellow

Ground ground

6-14-06 CB, LB

1/4 RIG @ LINES UNTIL.
FUEL UP. ADDRESS @ SITE ?
SET. UP. BSWN CORING.

0-10 TAN/GR F SAND. POOR REC.

10-16 GR CLAY TO GR LS. @ 14'
ADJUST INNER BREL.

16-20 GR/BRN LS w/ CLAY CONTS. FULL REC

Pull NQ. Run in 2 1/2'
Run in to 20'. Pull
set 6" PUC to 20'. Have
PWS Announce Mark in 15/
NQ

20-30 INTERMITTENT GR/BRN CL / GR/GRN
CLAY. SO₂ REC.

30-40 LOWER PUMP SPEED: ENGINE RAN TO
TO 1700. LOWER FLOW TO 500 PSI
MWD PRESSURE 175 PSI

CLAYED SAT. POORLY 100% LS.
CLAY FILLS TUBS. 100% REC

F.A

245

2986

6-14 CONT.

40-50 AS ABOVE

6-15-06 CB, GR

TALKED W/ HAL DAVIS LAST
EVENING. "NO 50' H₂O SANDST"
LOWER AREA GR. BEGIN CORNLS

50-60 GR UNBGLY LS TO GR MUDST & TUSSE
GR LS W/ INTERST. ELEV CON
LENIS.

60-70 GR/BRN SOFT MUDST UNBGLY
LS. GRUINY

70-80 AS ABOVE. W/ SPTR LENS GR
BURY OUT 802 REC

80-90 400 PM FERR, 175 PSI MUD
PRESS, 1970 EXHIBIT RAN.

90-100 GR/TAN GRAINSTONE

BREAK LOT ' OF 3"
FOR KC.

6-19-06

CB, LB

MEET HALL TO SAMPLE
Run in Nq. BEGIN CORING

100-110 1925 RPM-ENGINE, 750 psi feed.

190 psi mud press, 1100 psi

ROTATION. GR/GRAN POWERY

UNDURATED GRANULITE TO

CHEST @ 102'-104. BACK

INTO POWERY UNDURATED GR

110-120 POWERY UNDURATED GR GRAN-
STONE

120-124 MINER ARE HAVE OF ARE

WHILE PULLING

GR GRANULITE TO FULL MOLAI C
LS.

6-20-06

CS, LB

BEHIN DRIVING 3" OVER NQ
IN HOLES OF FEEDING NQ.

DRILL 3" TO 130' PULL

NQ PIPS ARE WRUNG &

LOOKING COUPING ON CURS

ALL

ADDER PAPER.

6-22-06

C3, C1

WANG RACE. AFTER

CARET RACE.

6-26-66

CS/LB

130-140 QUICK RUN. NOT MUCH
THICK, SOFT.
NO SAMPLES

140-150 LT. GR. POORLY INDURATED
GRANITONE 75% REC.
SOFT DRILLING.

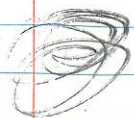
150-160 (AST) CIRCULATION. LT. GR.
POORLY INDURATED TO NOW
INDURATED GRANITONE
VERY SOFT. 50% REC

160-170 AS ABOVE w/ WINDY
168-170 CAVITY.

170-178 170-174 CAVITY
174-178 BROWN DOLOMITE

178-180 178-181 BLEN DOLOMITE
181-181.5 CAVITY
181.5-184 BLEN DOLOMITE
184-184.5 CAVITY

184.5-185.5 BLEN DOLOMITE
185.5-186 CAVITY
186-190 BLEN DOLOMITE



394 317

Selenoid

2258-6293

CHEEK ROXATION SHUT OFF
SWITCHES

190-200 190-194 BRN DOLOMITE
194-200 CAVITY

200-210 DOLOMITE

203-205 CAVITY

205-206 DOLOMITE

206-208 CAVITY

208-210 DOLOMITE

210-220 210-213 BRN DOLOMITE

213-218 CAVITY

218-220 BRN DOLOMITE

222-230 CAVITY

230-241 CAVITY

241-250 BRN DOLOMITE

TD

6-27-06

CS, CS

Pull NA. Pull 3"
3" Fall 60' to 180'. All

Set up to Run 5 7/8". No
Rotation. Call Settlement.

Talk w/ John IFERT
Discuss Settlement to CW
Rotation.

BEGIN OPENING APOC

Draw to 53" pull back
2' leaving all 53"
on string

GOODS NECB

3" 26 x 20' 520'

4" ~~28~~ 9 x 10' 90'
 9 x 20' 180'
 2 x 5' 10'

MWHSLW 8 x 20' 160'

BLWS3" 10 x 20' 200'
1 x 10' 10'

NQ 22 x 20' 440'
 1 core size 13'

RUG

Mayer 20 x 20' 400'

6-28-06

93 CB

FUEL UP. SWITCH TO
 AIR LANCE. BEGIN DRIVING
 CLEAN BOTTOM OF HOLE.
 CONTINUE.

DRIVE TO 100' CHART.
 WORK BIT. PULL. GO TO
 KC SITT. 1/2 5X8
 BOTTOM BIT. BACK IN
 HOLE. CONTINUE.

