

FAILING DRILL LOG



Ben Meadows

1-800-241-6401

LEVEL BOOK

#101596

7/01 -

- 18207 Volusia Co.

- GOLDEN GATE/

LIVINGSTON

Volusia Co.

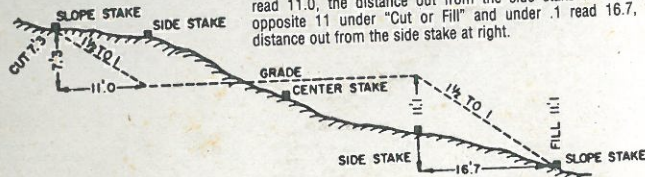
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DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



Cut or Fill	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

REMOTE DIAL UP

1888-848-9834

COEMAN (800) ~~800 848~~
445-1805

JIM MABEY - BAKER
407-421-0703

.052
700
354.60

.052 x TD x 1 1/2 / 94 = poi
to
founder

35.40
10.5
177.80
354.60
371.700

MUD BALANCE

FAN 10' STRENGTH

The paper in this book is made of 50% high grade rag stock with a WATER RESISTING surface sizing.

TORCH.

① NEVER TURN ACETYLENE ON OVER
15 PSI

FOR CUTTING 50 PSI O_2
10 PSI ACETYLENE
OPEN HANDLE O_2 ALL THE WAY
CRACK ACETYLENE TO LIFE
ADJUST

POWERS

AS ABOVE

ADJUST O_2 , MORE ACETYLENE
FOR MORE HEAT

18207
Volusia Co
continued

7-3-01

CB, TK

8AM

ARRIVE @ SITE & BEGIN
WORKING ON RETRIEVAL ~~TO~~ HOIST.
DECIDE NOT TO WASH H₂O INTO
HOLE B/C MUD APPEARED TO
HAVE SETTED OUT. KEVIN
SQUEL ALIVE! @ 10:30 AM.
RUN CAMERA INTO HOLE. HOLE
BLOCKED @ 140'. PULL CAMERA,
& RUN IN 5 7/8" ROVER BIT ON
MAYHEW TR TO 142.5' HOLE
CLEAN. PULL 5 7/8" & RUN
CAMERA BACK IN. WATER
CLOUDY. RUN CLEAN H₂O INTO
HOLE, SLOWLY CLEARS UP. STILL
BLOCKED @ 140'. PULL CAMERA
& RUN IN 4" PVC TO 145'.
RUN CAMERA BACK IN. PVC
SQUEEZES @ BOTTOM. CANNOT
GET CAMERA THROUGH H₂O
CLOUDY.

7-3-01 CONT.

PULL CAMERA. NEVER DID
SEE APE. KEVIN LEAVES
@ 4 PM. PULL AUC.

TOM THUMB GET CAUGHT BETWEEN
CHAIN WRENCH & BOTTOM OF
TABLE. CUT PRETTY GOOD.
CLEAN UP, LOCK UP. END
DAY

TK 6 PM

MARKER CS 7 PM

7-4-01

CS, TK

7 AM

ARRIVE SITE. FINISH WORKING
ON RETRIEVAL LINE DRAW.
SET UP 1500' SPIAL OF $\frac{3}{16}$ "
ROPE. OUNG TO TOP OF
MOUNT TO FEED LINE THROUGH

Gauges

2 600 PSI

1 1000 PSI

HYDRAULIC LINE $3/8"$ X $13'$

SUB DOWN FROM 2"

2" FEM TO $3/8"$ HOSE

$3/8"$ BALL VALVE

$3/8"$ T HOSE TO T

1" BALL VALVE

2-4-01 CONT.

SHIELD, PULL LINE THROUGH TO
DRUM, SILVER SOLDER COPPER
 $1/2"$ TUBE TO END OF LINE TO GO
INTO DRUM, FASTEN & STAY
ONTO DRUM. CHANGE GEAR
LUBE IN RETURN LINE HOISTING
DRUM WELD HOSE AND END
OF WALL HOSE.

END DAY TK 3PM
CA 4PM

2-5-01 OS.TK

2AM

RUN $5/8"$ RIVER B-T INTO
HOLE TO BREAK OUT OBSTRUCTION
pull $5/8"$ RUN IN WALL
HOLE. WORK UP & POUND SPINDLING
BY HAND CANNOT FEEL PIPE.
CALL TOM SCOTT & KEL.

7-16-01

CB

7 AM

TK

8 AM

CB TO WAKE TO TURN IN
RECEIPTS & P/L OTHER PAPERWORK.
MEET TK & TO WORKS HOOK UP
FLATBES & LOAD TRAILER W/ 225'
MAYHEW TR. LEAVE FOR VOLVO CO.

ARRIVE VOLVO CO. & MEET AT
FLATBES @ SITE. GO TO LIBRARY
& P/L DOWN HOLE CAMERA. OPEN
& REVIEW INSTRUCTIONS & SET UP
RAINING. GO TO ^{RADIO SENSORS} ~~CAMERA~~ TO
GET 12 VOLT ADAPTERS FOR CAMERA.

RTN TO SITE, & SET UP CAMERA.
LOWER CAMERA DOWN HOLE. GOOD
PICTURE. HOLE BLOCKED @ 142'.
PULL CAMERA & RUN IN 5 7/8"
KNIFE BIT TO 150'. PULL 5 7/8"
PULL BIT.

END DAY 9 PM

7-17-01

CD, TR

7:30

PAPERMAN RUN CAMERA INTO
HUBS RX BLOCKING 40' @ 145'
WORK CAMERA AROUND RX INTO HUBS
TO 147' BRIGHT. LET HUBS
CLEAR. HUBS COMMONLY BRIGHT.
PULL CAMERA OUT. NEED $5\frac{1}{8}$ "
REARER LOOK FOR WAY TO BUILD
OUT REARER. $3\frac{1}{8}$ " REARER
ARE BUILT OUT IN NQ, 100 TO
LIGHT TO BUILD OUT TO $5\frac{1}{8}$ ".
NEED 10' MAYHEW JR. CONSIDER
CUTTING 20' MAYHEW JR. WANT
TO CUT 10' OUT OF MIDDLE.
PUT ENDS BACK TOGETHER. DECIDE
IT IS UNLIKELY ANYONE COULD
BE ~~LOD~~ ~~WALK~~ TOGETHER. TRUE
CALL DRIVER SUPPLY HOUSE TO
SEE IF 10' MAYHEW JR. OR
REARER LAYING AROUND WHILE
WAITING ON RETURN CALLS, FIX

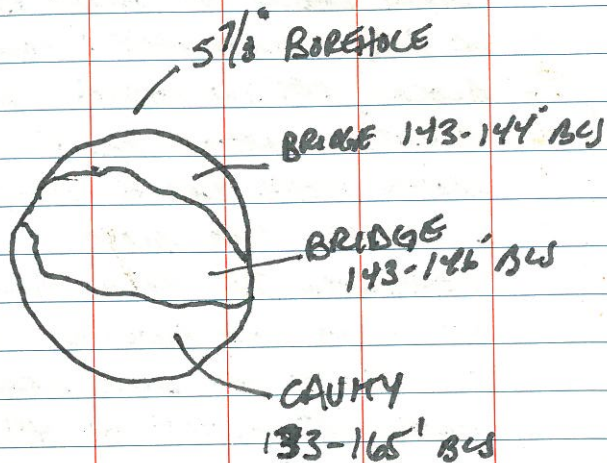
WINCH CABLE IN FRONT BUMPER
OF RIG, DISCONNECT : LOWER
BLOCK, SET IN TADLE, CABLES
CROSSED. UNHOOK CABLE & LOOP
AROUND OTHER CABLE, RECONNECT
TO BLOCK. LIFT BLOCK :
REATTACH TO KENDY BAR.

STILL NO LUCK FINDING 10'

MAYHEW JR. & WEDD REAMER.

HAVE 12" PIECE OF 4" CSH
W/ BOX END LEFT OVER FROM
WALL HACK. CUT NOTCHES, & TEST
IN BOTTOM OF IT. & HEAT &
BEND TEETH OUT. RUN 20' &
4" CSH W/ TIGHTENED BIT ON END
IN HOLE, SUBSIDING DOWN TO
MAYHEW JR TO 138'. ROTATE
PIPE IN TO 160'. PULL PIPE
& LET HOLE SIT TO CURVE
UP

END DAY 7:30 PM



7-18-61

CA, TK

7:30 AM

RUN CAMERA BACK IN HOLE
HYPHENUS CLEARED UP.

H₂O LEVEL: 32' BLS

1ST CAVITY: ~~100-105~~ 133' BLS

BRIDGE: 143'-146' BLS

2ND CAVITY: 146'-165' BLS

RUN 4" CSG W/ TOOTH BIT TO
164' BLS. ~~RT~~ RUN CAMERA
INSIDE 4" CSG TO BTH BIT
PLUGGED @ 164'. PULL CSG
UP 1' CAVITY 163-164' BLS
PULL 10' CSG OFF. RUN
CAMERA BACK IN. CAVITY FROM
147-163'. NO GRILL REQ.
PULL ANOTHER 10' & P.T
CAMERA BACK IN. CAVITY
133-143' BLS. BRIDGE 143-146'
BUT COULD GET CAMERA BY IT.
NO REQ. PULL CAMERA.

END DATA 5:30

7-19-01

03, TK

7:30 am

LOAD 20' MAYHEW JR ON
 AIRRACK : TAKE TO AIRKS
 WEIDING IN OCKA TO HAVE $5\frac{7}{8}$ "
 REAMER MADE TO ATLANTIC
 DRILLING IN OCKA TO PLU
 HOLE TWO : BACK TO DRILL
 SITE. PULL 4" STEEL. RUN
 CEMENT IN HOLE

END DAY 6:30

7-20-01

03, TK

7:30 am

TURN TO OCKA TO PLU
 4" SUB. RUN RUN IN
 4" W/ IMPROVED DIAMOND
 STUB TO 165.' TURN IN TO
 170.' HITTING SOMETHING HARD.
 RUN CAMERA IN HOLE. BLOCKAGE
 @ 90.'

7-20-81 CONT.

PULL CAMERA OUT OF HOLE.
RUN IN $3\frac{7}{8}$ " ROUER BIT W/
REAMER TO 179' DRILLING
W/ AIR. 1000 RPM 50 PSI
AIR. AIRLIFT CUTTINGS OUT
OF HOLE FOR ~ 1.5 HR
PULL $3\frac{7}{8}$ " REAMER : RUN
CLEAR H₂O INTO HOLE.

CLEAN UP. 6:30 PM
MEET JOE JENNINGS FROM CMG
@ 8:00 AM TO TALK ABOUT CMG
RIGS. END DAY 11:05 AM

B SUB NO - MAYHEW
169'

7-21-01

CO, TX

7:30 AM

MEET JOE JENNINGS TO CONTINUE
DISCUSSING LME VS. TANKING DRILL
EQUIPMENT. SUGGESTED A MID
PROFESSOR. RTN TO SITE W/ JOE
& RON CAMERA IN HOLE. SEE
MAYHEW JOB. 4" HOLE RESTING ON
IT. 4" PEN IN DRILL STRUCK
W/ HOLE REAME 11 IN. CALCULATE
TOP OF REAMER PIPE IF VERTICAL,
IS AT 146' BLS. 4" IS AT 170'
BLS. SLOWLY PULL 4" W/ CAMERA
INSIDE TO SEE TOP IS BROKEN
PIPE CAN'T SEE. RON 3 7/8" BACK
IN. AIR LIFT. LOTS OF SAND &
CUTTINGS.

END DAY 10:30 PM

7-22-01

CB

7 AM

TL

8 AM

RUN CAMERA BACK IN BOTTOM
OF 4" @ 156. SAND IN PIPE
TO 151. RUN TO 74

8-2-01 CB, AB CA 8:30

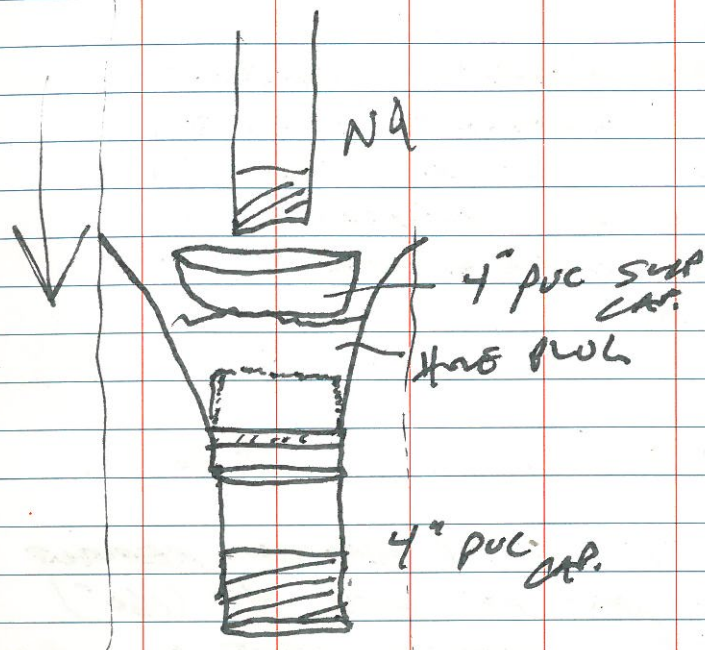
MEET @ OFFICE, DO PAPERWORK
5 GO TO W-HOUSE ? p/u BENT.
6:00. LEAVE FOR JOLISA @
11:30. p/u NEW REARER @
PARKS IN OLGA. ARRIVE JOLISA
@ 5:30.

END DAY 6:30

8-3-01 CB, AB 7:30

KIU SWITCH BROKEN. REPAIRS
w/ NEW ONE PULL 4" (160")
RUN IN CAMERA WANT TO
SET PAPER @ ~125-128'
PUSH IN W/ NQ. ~~5/10~~ RUN
IN CAMERA. PAPER NO. 128
TO BE SEEN. 707 ABIN.
INVERT 4" WELL BOTTOM INSIDE PAPER
3 HILL w/ HIVE PULVER HYDRATE.
SET SLID IN 4" CAP ON TOP N.

6' PVC



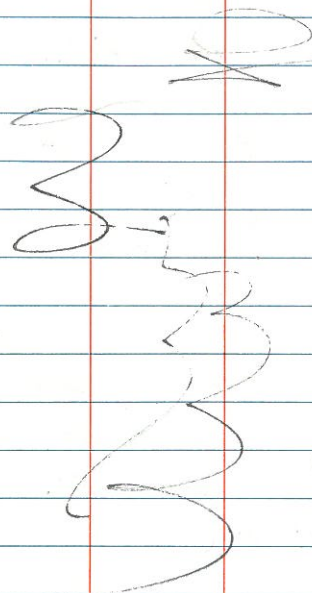
RUN CAMERA IN HOLE TO
SEE PACKER/PUSH

HOLE PLUG AND PUSH DOWN
W/ NQ. PLACE AT 126' BS.
ADD 1 BAG HOLE PLUG ON
TOP OF PACKER. LET SET UP
WHILE MIXING BENTONITE GROUT
+ ~~TRIPLE~~ 2 BAGS BENTONITE GROUT DOWN.
HOLE THEN 2 MORE THAN
2 MORE. WATER NOT DISAPPEARING
RUN CAMERA DOWN HOLE CAN
SEE 1 1/4" PVC TUBING. NO PACKER
APPARENTLY WEIGHT OF GROUT
PUSHED PACKER INTO CAVEY.
OUT OF PACKERS. CALL BERRY
@ ATLANTIC DRILLING SHE HAS
2 4" x 7" FREE FLOWING
PACKERS. GO TO ORLANDO TO
FLU. RUN TO SITE. RUN 3rd
PACKER W/ 4" PVC TO SURFACE.
SET PACKER @ 122' BS. ADD 1
BAG HOLE PLUG TO ANNULUS BETWEEN
4" & 6". HANG 1/2" ON HOIST,
LET SET UP OVER NIGHT.

END DAY 8.30

Q

X



8-4-01

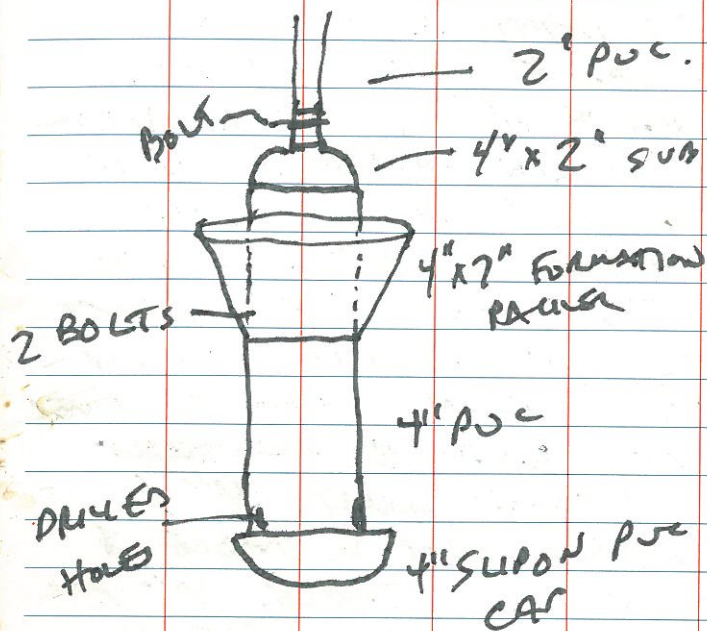
CB, AD

8A

TRIP TO HOB. DEPT TO P/-
 3/4" PVC TO USE AS TRENCH BETWEEN
 6" & 4" PVC. RUN TO SITE AND
 IN TRENCH PIPE TO 110' BL.
 MIX 2 BAGS BENTONITE GROUT
 & pump down hole MIX 30 gal
 H₂O / BSG IS BIG BENTONITE GROUT.
 KICKS IT SHOWS MIX 117 gal
 GROUT TO FILL ANNULUS MIX
 2 MORE BAGS & TRENCH DOWN
 HOLE. NO AGO DISPLACES RUN
 TUBE IN. CANNOT TELL MIX 2 MORE
 & RE BAGS & TRENCH IN STILL
 DOES NOT DISPLACE AGO. ADD 1
 BAG HOLE PUG TO ANNULUS. MIX
 2 MORE BAGS BENTONITE GROUT &
 TRENCH IN ANNULUS. GROUT
 COMES TO SURFACE & THEN DISAPPEARS.
 RUN IN TUBE CANNOT TELL. MIX
 2 MORE BAGS & TRENCH IN

NO BENTONITE. GOVT TO
SURFACE. PULL 4" PVC.
LEAVE 40' OF 4" IN BOTTOM
? PLACE PACKER AT TOP OF
40' STICK OF 4". BOLT
PACKER TO 4" PVC. SUB
4" PVC TO 2" PVC. WANT
TO RUN 2" FROM 123' BS
TO SURFACE. BEHIND TO LOWER
PVC WHEN ~~IT REACHES~~
2" COMES AHEAD. 4" &
PACKER DROP TO TABLE &
STICKS IN TABLE. 4" PVC
BELOW PACKER & BREAKS
? FALLS TO BOTTOM OF
HOLE. RUN IN CAMERA
TO SEE IF 4" IS IN HOLE
OR IN CAVITY. TOP OF
4" @ 96' BLS.

END DAY 3:30 PM



8-5-01

03, 40

8AM

GO TO HAME DEBIT TO
 PLUG 4" PVC COVERING 3' STOPS
 PIT PACKER ON 4" PVC w/
 CAP ON BOTTOM OF IT.
 BOLT PACKER TO 4" THEN
 END BOLT TO 2" PVC. TO
 SURFACE. WIND BOLTS
 DOWN TO PIT INSIDE 6" PVC.
 LOWER TO 4" DOWN FOR
 @ 96 IN. 2 HOURS AFTER
 HOLE PLUG. CLEAN UP.
 LOCK UP. LEAVE SITE @
 11 AM FOR THT

RTY THT 4:30

8-13-01

CD

8:30 AM

JC

7 AM

CB TALK W KC @ OFFICE
& MSG W/ CAROLYN : TACKLES
JC LOAD PERSONAL ITEMS INTO
TRUCK. GO TO W-HOUSE :
LOOK BENTONITE BRANT. LEAVES
FOR VOLUNTEER Co. ~ 11:30 AM.
ARRIVE IN JOURNAL ~ 5:15 AM,
GO TO LIBRARY : P/U ORDERED
SEAL FROM FARMING THROUSING
? LIGHTNING GO OVER DRILL
RIG W/ JC, OPERATIONS, SAFETY,
ETC. FILL UP H2O TRUCK.

CB APPROXIMATE

END DAY 8:30

8-14-01

LIST

SAFETY GLASSES

BUCKETS (WASTE OIL)

90 WT GEAR OIL

WHEEL BLADES (TRUCK)

CONDUIT (TRUCK)

1 1/2" x 15' HOSE FEM x FEM

2" x 15' HOSE MALE x FEMALE

STRAINER x 2" MALE

8-14-01

CB, JR

7:30 AM

HOLE IS HOLDING WATER, THEREFORE
BENTONITE SEAL ON PACKER IS HOLDING.
MIX 2 BAGS OF BENTONITE GROUT,
RUN TREMIE PIPE TO PACKER/SEAL...
PUMP GROUT INTO HOLE, DISPLACING
H₂O : HOLDING H₂O.
MIX 2 MORE BAGS 30 GAL
H₂O / 50 LB BENT. GROUT
PUMP DOWN 10' THICK. GROUT TO
SURFACE. PULL 6" PVC ONLY
20' COMES OUT. SEPERATED 20'
BL. GROUT 5' BL. PULL
8" PVC. ALL 50' CAME OUT.
GROUT 20' BL. BY TREMIE
2 MORE BAGS BENT. GROUT
DOWN HOLE. LET SET UP. MIX
2 MORE BAGS BENT. GROUT.
@ INTAKE (ACTION) ADD SMALL
QUANTITIES OF FINE PULV. GROUT
RISES TO 15' BL.

MIX 9 BAGS PORTLAND CEMENT
: SET ON TOP OF BENTONITE
GROUT. TO 10' BL. LET SET UP

END DAY 57:00 PM

~~8-15-01~~

~~03, JC~~

~~7:30 AM~~

8-15-01

03, JC

7:30 AM

GO TO DELANO TO P/U ICE,
DIESEL FOR RIG, 90 NT GEAR OK,
WIPER BLADES & SAFETY GLASSES
RTN TO SITE PORTLAND 13' BLS.
MIX 1 BAG BENTONITE CLAY :
PREPARE IN HOUS. RISES TO 2' BLS
FILL MIXING TUB W/ WATER : CLEAN THE
PUMP CLEAN H₂O FROM TWO CLEANING
Hoses : PUMP. BEGIN RIG TEAR DOWN
TO MOVE RIG FORWARD. MOVE RIG
FORWARD 55'. BEGIN SET UP.
BACKFILL BOREHOLE W/ SAND TO
LAND SURFACE : FILL IN PIT LINES
MUD NO USE : TAKE ROTS FROM
RIG. FINISH MOVING EQUIPMENT
FORWARD.

CALL FAILING ABOUT ADJUSTING
SHIM ON ROTARY GEAR BOX. DOES
NOT NEED TO BE REPLACES WHEN
BOTTOM SEAL IS REMOVED. BEGIN
TAKING OUT 16 BOLT TO BOTTOM
PLATE. 3 BOLTS STRIPPED OUT.
ROTARY GEAR BOX HOLDS IN 5 SEC.
TO GET GEAR ON ACCORDING TO FAILING
NEED MORE GEAR ON. I DRILL AND
W/ EXTRACTOR SET. GO TO DISCOUNT
AUTO. I HAVE DEPT TO GET PART
RTN TO SITE I DRILL OUT 3 SPRINGS
BOLTS. ALL BOTTOM PLATE &
REPLACE SEAL.

END DAY 8:30pm

8-16-01

CS

6:30 AM

JL

7:30 AM

CS. PAPERWORK. CS MEET
 W/ KEN ABOUT SCRAMING ON SHAFT
 OF ROTARY GEAR BOX. TALK ABOUT
 PULLING SHAFT & HAVING FIXED.
 DECIDE TO SEE IF REPAIR SLEEVE
 CAN BE LOCATED FOR SHAFT. CAN
 MILLER BEARING IN OILPAN. DO NOT
 HAVE BUT STAY IN DAYTONA BEACH
 DOES. DRIVE TO MILLER BEARING IN
 DAYTONA BEACH TO GET SLEEVE &
 NEW SEAL. RTN TO SITE & INSTALL
 NEW SEAL AND TIGHTEN JOINT
 COMPRESS TO INSIDE OF SLEEVE.
 USE ALUMINUM TOOL FOR INSTALLATION
 TAP IN W/ RANTAGE HAMMER. USE
 GASSET SEALER ON ADJUSTING SCREWS.
 INSTALL BOTTOM PLATE HAVING
 DIFFICULT TIME GETTING SEAL
 OVER SHAFT.

STORMS BLOW IN. RAIN SHOTS
UP. JC LEAVES ~ 5 PM. READ
INSTRUCTIONS TO LIGHTNING OBSERVER.
MOM WEATHER BARD.

END DAY 6:30 PM

ROTARY GEAR BOX

LOWER SEAL:

OR CHICAGO RAWHIDE #45150
TCM #45625SA NOT USE

REPAIR SLEEVE:

CHICAGO 99450

CHICAGO-RAWHIDE —

<http://www.chicago-rawhide.com>

8-17-01

CB

6:30 AM

BT

8:00 AM

INSTALL BOTTOM PLATE TO
ROTARY GEAR BOX. THIS IS VERY
DIFFICULT GETTING THE SEAL
AROUND THE SHAFT. TIGHTEN
DOWN. TEMPERATURE 115°F
IN SHADE UNDER PVC 6"
TO CENTER PUMP TO P/L.
NEED TO P/L LAST 120' OF
6" PVC IN AIRLINE RUN TO
SITE, STORM BLOWING W. UNUSUAL
P. PRESSURE TO FIRM METAL.

end day 6:35 AM

A/C ORDER

8" 3' ~~5~~ x 20'
6 COUPLINGS

6" 9' ~~5~~ x 20'
5 ~~5~~ COUPLINGS

8-18-51

OS, EH

8 AM

p/v LAST 12' 6" PRC.
GO TO HOME DEPT TO p/v
PORTLAND CEMENT. : OTHER
ITEMS. ARRIVE @ 5 AM. TEMPERATURE
118°F. UNLOAD A/C. CALL
K.C. DECIDE TO GO OUT TO WORK
: WILL SET UP FOR WORKING
NIGHTS. BACK TO HOME DEPT
TO GET BOY GENERAL, UNITS, ETC.
FUEL & EQUI. : RTN TO S AS
TO UNLOAD IN MATEL T-SHED
BLOWING M. GO TO MATEL. 4:30 PM
RTN TO S AS @ 2:00 PM. SET UP
TO OIL IN WEST NIGHT

~~Finished~~ END.

4:00 AM

8-18-01

03.67

3:30 PM START

ARRIVE @ SITE TEMP. 110°F.
MIX MUD. LOWER TABLE : PUT
9 7/8" WING BIT ON KELLY. REAM
TO 10' BLS. PULL BACK : TAKE
BIT OFF KELLY. PUT BIT ON
9 7/8" REAMER PLUGS IN HOLE &
LIFT TABLE BACK INTO POSITION.
CONNECT KELLY TO REAMER.
CONTINUE REAMING REAM TO 89'.
WHEN SEVERE T-STORM BEGINS IN.
WAIT STORM OUT : BEGIN
DRILLING AGAIN. 89'-101'.
CIRCULATION LOST @ 101'.
@ 101' AND DECIDES FINE :
DRILLING IN WATER. CONTINUE TO
109'. PIPE IS GETTING STUCK &
HANGING UP. PULL PIPE. RUN
REAMER BACK IN TO 109'.
PULL PIPE : SET 8" MC
CAND AND GET TO 50' BLS.

5.5
10.6
16.0

AND @ 40' SLI.

LEAVE SITE @ 5:00 PM

8-21-10

03.64

8:30 AM

RUN TO SITE: RUN IN
7 1/2" LEADER TO 105' MAX
5' MAX DEPT. BLIND: TRENCHES
FROM 105' TO 50' SLI.

LOOK UP CLEFT

NO LEADER RUN FOR

END DAY 7:00 PM

8-27-01

CS, KC

3:30 am

A/C KC @ HOME : GO TO
 WINDMILL TO CASH BENT. GRANT.
 LEAVE TRAIL @ 5 AM FOR DOWNM.
 ARRIVE @ SITE @ 3:15 AM. FULL
 8" PUC. JULY 28" 10' ARE OUT.
 BENT GRANT SETS IN 47' SLE
 MIX & MGS BENT. GRANT :
 TREMBLE AND HOLE USING MUD PUMP
 TO 5' SLE AND 12" HOLE
 PUG & SAND TO GROUND SURFACE
 EMOT : CASH MUD PUMP & TUG
 UNLESS AN PUG ARE WASHED
 CLEW OFF. CASH 26' SETTING
 AT NO ONTO WASH TRUCK. PUN
 TO HOTEL.

END AT 8 PM

8-28-01

CO, RC

8:15 am

CONTINUE MOVING PIPE :-

LOADING HED TRUCK W/ NQ. ALL
NQ ON HED TRUCK.

BREAK 2pm.

RTN TO SITE 3:15

CONTINUE MOVING PIPE onto
TRAILER :- Hed truck to much
weight on TRAILER FOR
TRUCK TO PULL. FORD UP RIM
? MOVE TO 1st SITE. CANNOT
GET THEM. RIK GET STUCK.

END DAY 8pm

CAN ETC. WILL CLIMB IN
AM W/ MALTION MATS

8-25-01

CR, KC

8:10

CONTINUE MOVING P.A.E.
FASTEN DAGGER PUMP TO
DECK OF RIG. CLEAN OUT
DECK OF RIG. ELEC
MINE w/ THERM. / MATH.
PUMP RIG TO 1ST SIDE
9 CONT UP.

END DAY 8:10

8-30-01

CH, RL, ET

8 AM

7:30 AM

ET LEAVES FOR TUN W/
FLATBED LOADED W/ PIPE.
CH, RL TO SITE. RUN
CAMERA INTO 4" STEEL
ON 1ST SIDE SAND TO
365' BL. SET UP TUN W/
H₂O & ~~BE~~ CALCULATE SAND
ONTO GROUND RUN IN NO
SUCK CALL: PUMP SAND
OUT W/ MUD PUMP. 4"
STEEL ALONG THE TAIL. CANNOT
HOLD NO SWITCH TO 1 1/4 PUL
PUMP H₂O W/ DIAPHRAGM PUMP
RUN TO 180' BL PUMPING
CLEAR WATER OUT OF HOLE
PULL PUL RUN IN CAMERA.
NO CLEAR VIEW PULL
CAMERA: LOW IN REMOTE
UNIT WILL NOT WORK

POT IN HOLDING PLOT ?
PULL. HILL TRUCK. POT
OF 4th ARE DRENCH ?
ADAM TO UNCH OF DUCK
? PUL BROKE PLOT.
LEAVE 130' OF 4'.

~~LE~~
POT TO MINE
KE LEAVE FOR TR
@ 4:30
OS PROZMIR

OS END 15 PM

3/13/02

CS LS

6:30

RESPool 3/16" CABLE ONTO
WIRELINE FROM AFTER REMOVING
OLD CABLE. 1500'. ~~REAR~~ PUT
TRAVELING BLOCK ON 9/16" HAWSE

END DAY

6:30

3-14-02

40, LB

5:30

FLUSH HOLE W/ NO SPIN.
 PULL UP TO BREAK @ 100' W/ NO JOINT PULLS OR DOWN
 HOLE. PULL 100' NO WHERE
 MAKE PULLS AT 100'.
 CHANGE BOTTOM NO KID, RUN
 BACK IN & HAND SPIN
 JOINTS TOGETHER. DISASSEMBLE
 NEW MAX. BLOCK. NOT
 ENOUGH ROOM IN MAST.

PUMP HOLE & SLOWLY PULL
 SPRING UP & DOWN. LET
 HOLE FLOW TO CLEAN
 ITSELF OUT. SPIN
 & PULL ALL TO 800' NO.

6:30

3-15-12

03, 04

3-16-62

CS

CS

800

FRUIT WORKING ON DIESEL TANK
CASING CLAMP ACROSS.

615 TO 5100. ~~2~~ MIX HEAVY
MUD, BEGIN TURNING IN 3"
CS6.

GOLDEN GATE
LIVINGSTON
COLLIER CO

9-10-02

CS, LB, JW

MOVE RIG, H₂O TRUCK # 3
TRAILERS TO NEW SITE. SET UP #
UNMOB MUD MACHINE.

9-11-02

CS, LB, JW

FRANK PEARCE ARRIVES FROM
DUNELIFE. SET UP MUD SYSTEM,
AND RIG TOO RUN. STORMS BLOW IN.

9-12-02

CS, LB, JW, FA

REMOVED RETRIEVAL UNIT. MIX
MUD. BEGIN CORING.

0-4' PAST HOLE DUG. FILL.

4-5' FILL

5-10' HARD CR, FOSS, MOLDIC, RESTRICED
LS.

10-20' AS ABOVE

9-12-02 CONT.

20-30' INTERMITTENT GR, FGS, MUDOK LS
W/ LS, SHELL FRAGMENT PRODS.
LOSE PRESSURE ON MUD PUMP.
CIRCULATION DROPS TO TRICKLE

CHUCK PUMPS IN PUMP. OK.
PULL WIRE FACE. END UP
ROD BROKEN OFF. REPLACES
ROD, AS TO P/V NOT FOR
ROD. CHANGE ROD: PISTON.
PUT BACK TOGETHER. RINS
6:00.

30-40 SHELL FRAG, LS, SAND HASH.
SAMPLES ARE COTTINGLS.

40-46 REPTURED GR LS W/ OYSTERS!
5 FEETIN W/ SHELL FRAG, LS,
SAND HASH

46-50 AS ABOVE

9-13-02

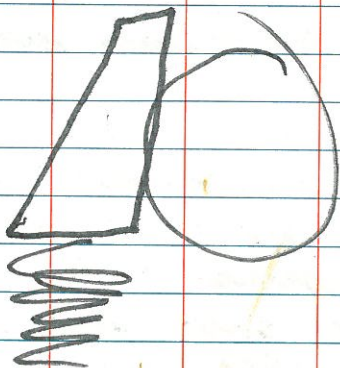
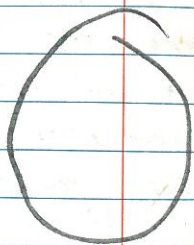
OB, LB, TW.

PULL NP. NEWS BOLUSTW.
~ 6 MINS FROM SITE. 2 CARS
STAYED FULL UP EXHAUSTED
STOP TO FOLLOW NEWS FOR START
TIME. BEGIN TURNING IN
3" CCB. TO 50'

RUN NP BACK IN TO 50'
BEGIN CORING. MID SPEAKING
OUT OF CCB. 3" NEEDS TO
BE DRIVEN DOWN ANOTHER
2-3'

SAND LINE CLUTCH & PISTON
NEEDS ADJUSTING. P ADJUSTING
PIN BROKEN & RUSTED IN
PLACE. CANNOT FILE NEED
TO DRIVE NEW.

STORMS BLOW IN.



9-14-02

CS, LO, TW

PULL NQ. DRILL 3" CS6 DOWN
2'. RUN NQ BACK IN. TO 16'
BEGIN CORING. ADJUST MARKS
ON 2ND HOISTING LINE

DRY PULLED NOT LOCKING IN.
PULL APART, REPAIR STRINGS.

START BACK UP USING HYDRAULIC
FITTING @ 'RR JACK TAPE
APART

END DAY

9-23-02

CD, UD, JU

TRUCK BEARS BEST on 9/23/02
IN WRT TO WHEELS TRUCK
@ JMT CHARLOTTE FORD
A/U @ 4:30 PM.

9-24-02

CD, UD, JU

A/U TRUCK @ Courts Carwash.
ARRIVE @ 5:00 P.M. POSITION
TRUCKS FWD HYDRAULIC
FITTING

50-56 CR, RESTORED, FUS, MOLINE IS
AUTO PULLDOWN STILL NOT
RECLAIMING. PUT WHEELS,
CLEAN & REPLACE

56-60 AS ABOVE.

60-67 GR Foss Mould LS

67-70 AS ABOVE

70-80 GR Foss Mould LS. ABUNDANT
MOLLUSKS: GASTROPODS, INTERNA
MOLUS PRESENT

80-85 AS ABOVE

85-90 AS ABOVE

90-100 GR/BN powery conc. SS
w/ phos.

100-110 AS ABOVE w/ INCREASING 2
CLAY. CLAY SS, SAND, PHOS
IN STR 2 110'

SWITCH TO EXTENSIVE SAND

110-120 GR/BN SANDY CLAY TO GR
MUD, FRI L. WASHED OUT
PART 2 SAMPLE

120-130 120-126 REAK SST ZONE. NO
RSC. 126-130' GR/BN SANDY
LS TO DK GRAY MUD
LS w/ OYSTER

END DAY

9-25-02

CB, LB, JW

130-140

GR F FINE LS

130-140

AS ABOUT W/ OYSTERS

140-150

NO REG. CUTTING SAND, LS, MICA
SAND WASHED OUT.

150-160

GR F SAND W/ CLAY, MICA.
GR F. S. S @ END OF RUN.
SAND WASHED OUT.

160-165

GR FINE, MICA LS

165-167

GR FINE SAND MICA LS

167-170

AS ABOUT TO LTER MICA LS

170-180

INTERMITTENT GR LS W/
GR FINE SANDY CL. MICA
OF SAND WASHED OUT

180-190

GR SAND LS CLAY W/ MICA

187-188 - SANDY TUBE

190-200

INTERMITTENT GR SANDY CLAY W/
GR F FINE SAND

200-206

AS ABOVE SILENT TUBE 203-205

END OF

9-26-02

CA, US, TU

206-210

~~OR ~~206-210~~~~

OR/GRN PPS CRY

ALL NA DRILL IN

3" CS6 TO 210' OR

CLEAN UP, SECURE

ON DAY

10-8-02

CB, CB, JW

CB TO TOWNHALL FOLDS w/
STU & C AC NOT WORKING
LB, JW DAY @ SHS :
MAY H₂O TRUCK :
SWELLING IN PUNCH TRIP
NO IN 210'

210-220 GR PHOS CLAY w/ L

220-230 GR PHOS CLAY 228-230'

LT GR PHOS POORLY SORT.

LS. START FAVORABLE @ 228'

230-240 poor RES INTERMEDIATE GR PHOS
FOLDS, MIDDLE PHOS IN LS &
PHOS, LS SANDY CLAY

240-245 LT GR HIGH PHOS MIDDLE
LS

245-250 GR/GRN PHOS CLAY. HARD :
CRY

250-260 GR/GRN PHOS CLAY

260-270 ALL ABOVE

270-274 AS ABOVE

274-278 AS ABOVE

278-284 AS ABOVE w/ ~~PHO~~ PHOS
PEBBLES @ 278-279!

284-290 274-284 AS ABOVE 286-290

6L LS 5' CLAY BEGIN RUNNING
UPAIN

END DAY

10-9-02

CB, LB, JV

MUD VIS 35 WT 8.7

290-300 GR/GRN FISS MUDIC LS

300-310 INTERMITT. GR HARD FISS MUDIC
LS w/ porous conc GR/GRN LS

310-322 INTERMITT GR HARD FISS LS

w/ porous conc GR/GRN LS

322-330 GR FISS MUDIC LS w/ INTERMITT.
WHITE/GR CATY LENS

330-340 GR MUDIC FISS w/ INTERMITT.
GR porous conc. LS

341-375 GR FISS MUDIC LS

345-350 AS ABOVE

350-360 AS ABOVE (OFT CIRCULATION 357)

360-370 AS ABOVE

PULL NG : CAP FOR
NIGHT.

END DAY

10-10-02

CS, US, JW

BAGIN ADVANCING 3". ADVANCE
TO 355' HAS BEGUN TO TALK
UP. AUTO MUDOWN LICKING
KELLY ROL UP. FULL 3"
TO 295'. TALK DOWN AUTO
MUDOWN. CLOS NEW
RELEASE RING. BRASE UP.

END DAY

10-11-02

CS, US, JW

WART ON RALT. PUT NEW
RELEASE RING ON.
ADVANCE 3" TO 370'.

10-12-02

CS, US, JW.

RTH MATH. AND ROL IN
N) TO 370 CAR

10-22-02

02, L5, DW

370-377

GR MOLDIC LS.

377-383

GR MOLDIC LS w/ INTERMITT.

GR POORLY CONS. LS 373-374 cavity

383-390

GR MOLDIC LS w/ CLAY LENT

@ bottom of ls.

390-400

GR FINE MOLDIC LS

400-410

GR FINE MOLDIC LS w/
INTERMITT GR POORLY CONS
LS.

410-420

GR MOLDIC FINE LS

420-430

GR FINE LS TO GR LS. TO
GR/CLAY HARD DRY CLAY

430-440

CLAY GR MOLD. CONS LS
w/ WEATHERED SHELL TO
POORLY CONS LS

440-450

GR MOLDIC FINE LS w/
INTERMITT SOFT POORLY CON
SISTENT LS.

450-460

GR FINE LS

520 020

10-23-02

CO US, JN

460-470 GR FILL AREA 4

470-480 GR SPT POREY CONC. FILL
MUD IN LI.

480-490 AS ABOVE

490-500 AS ABOVE

500-510 AS ABOVE 2/3 CLAY
BOTTOM OF R.

510-520 GR/DK GR CLAY / LI

520-530 AS ABOVE

530-540 AS ABOVE TO GR LI

540-548 GR LI CLAY HARD. SPT
POREY CONC

BOX CONNECTION ON
KELLY HOPE BROKEN.
NEED TO REPLACE
MUD PUMP

10-24-02

07, 19, 21

REPAIR BOSS CONNECTION & TURN
BLOCK 180°

548-550 GR/OK GR CALC. LS HARD W/
CLAY

550-560 GR FINE MUDCL. LS

560-570 GR FINE LS TO GR CALC CLAY

570-580 GR CALC CLAY

580-590 AS ABOVE

590-600 AS ABOVE

RAILING LINE KEEP, WARNING,
TAPER STAKE FOR @ TOP OF
POST OR USE SWIVEL FOR
RAILING LINE
END NAT

D-25-62

OP, LP, TL

600-610 THIN, SOME DARKENING
GR LS TO CLAY TO poorly
cons. LS

610-620 GR LS TO WHITE/GR
~~612-620~~ CALC CLAY

620-626 GR DARKENED LS/CLAY

626-630 AS ABOVE

630-640 GR CLAY/LS

640-650 GR poorly cons. LS

650-660 GR FINE MEDIUM LS

