

DBPD

(DAYTONA BEACH POLICE DEPT.)

SCHRAMM

Forestry Suppliers, Inc.

1-800-647-5368

#49354 Level Book

03/08 -

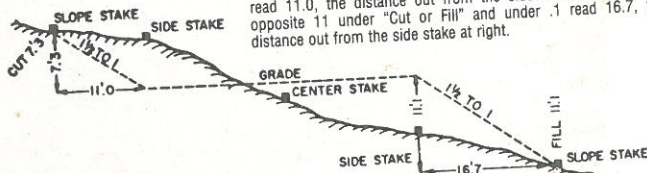
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WELL NAME/NUMBER	PAGE #
SECTION	6

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	
C	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	50.0	50.1	50.3	50.4	50.6	50.7	50.9	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

1020' 705MB
TL

Robin Cook

386-671-8856

Bob T.

386-717-7838

Jim

321-228-1236

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

[illegible]

- YELLOW SHUT OFF VALVES (2) SET
- POINT SPRING

MUD PRESSURE GUAGES
MUD PUMP (OTCD) POP SAF PMS
500 PSI
3 1/2" AN x MYHAW JA BOX
50 5X6 PACKING

6/3/08

CB, GR

MOVE EQUIPMENT ONTO NEW
SITE BEHIND DAYTONA BEACH
POLICE DEPT (DBPD).

SET UP

HOT 100+° F

6/4/08

CB, GR

CONTINUE SETTING UP.

ATLANTIC BEVELER GEL, ETC
LED ARRIVES U/ NEW MTD.
MOTOR FOR WIREING. REPAIRS,
STILL DOES NOT HOLD AT
OLD MOTOR GEAR IN. LET TO
MAKE BACKS FOR MOTOR

HOT 100+° F

6-5-08

CB, GR

BEGIN CORNER

- 0-3' POST HOLE DOWN TAN/BROWN
ORGANIC SAND
- 3-10' NO REC. SOFT. WASHED OUT
- 10-20' NO REC. SOFT. WASH OUT
EXTENDED STAGE
- 20-30 GR CLAYEY SAND TO GR
SANDY CLAY TO 23'.
23-30' GR/TAN COQUINA
- 30-40 GR/TAN COQUINA.
- 40-50 NO REC. PRESSURE UP.
SAND LOCKED. LOST CORE
GETTING INNER BCL OUT. SHELL
- 50-60 SHELL SAND/SAND
- 60-70 60-69 TAN F SAND
69-70 GRN CLAY/SHELL
- 70-77 NO REC PULLED CMB BCL.
i NO. LOCKING UP.
FILL HOLE W/ HOLE SAW (4 INCH)
TO STABILIZE HOLE

6-7-08 CB, GR

RUN 13' HING OPENED TO
77' 72-77'
72-77' Rock.

SET 1' CCG TO 77'
GR. 13 SURE

6-8-08 CB, GR

GR. 23' RCL
MAX HIRE FRONT TO BRING
TO LAND SURFACE.

RUN IN CORE GR TO 77'
BEGIN CORING ABOUT 3" RCL
5' BACK INTO SAND/SILT

77-87 NO RCL. CARBONATE
CONTAINS SAND/SILT

SANDLICKER, PULL NQ.
1 CORREL RUN IN 3" CSG
TO 99! CAUGHT CUTTING

87-95 SAND SHELL (CUTTING)
95-99 RX NO REG
99-110 GR CLASTIC U, DENTAL
FILMS (LENS)
110-120 AS AD. U/L / NO U/L
120-130 AS AD. U / NO U/L

SAND/SHELL APPEARS TO
BE CAVED OFF.

ENO Dm

NEED MWD TO OPEN HUB
TO 220-250' FOR 7"
CSG

6-8-08 CB, GR

138-140- GR CLASTIC FESS LS TO 139

139-140 CAVITY

140-141 CAVITY

141-150 GR CLASTIC LS TO 144

144-150 CAVITY

150-160 GR/TAN CLASTIC LS

160-170 GR/TAN CLASTIC LS TO LT GR
MICOLIC LS.

(LOST CIRCULATION 168' BLS)

170-180 LT. GR MICOLIC LS TO TAN LT
OK GR IMPURE MICOLIC LS

180-190 TAN MICOLIC LS, LOST SOME CORES
WHEN CORES ARE THIN IN RED.
RED RED

190-200 TAN LS.

200-210 TAN MICOLIC LS

210-220 AT ABOVE

220-230 AS ABOVE. GETTING HARDER

END LOG.

to SURF on 1/15 MON

6-9-08

CB, GR

SET UP TO OPEN HOLE
ON 6-11-08. JH ARRIVE
@ 5 PM

6-10-08

CB, GR, JH

PRESSURE TIE OPEN HOLE $7\frac{7}{8}$ "
TO 230' B.L. DRILL IN $7\frac{7}{8}$ "
TO 220' B.L. pull Rod. SET
4" CSG. ONLY GO TO 110' B.L.
TRY PUMPING CSG IN. WANT
GO. BLOW OUT ONE JOINT
OF CSG pull 4" CSG

RUN $7\frac{7}{8}$ " AGAIN TO 230'.
pull Rod set 4" CSG
GOES TO 228' B.L.

PUMP 15 BARS G/LWT.

6-11-08 CB, GR, JH

CLEAN UP JFC. Run
TRENCH. GRUT @ 125'
BLS.

PREPARE TO COLT.

6-12-08

6-13-08

3" CSG

20 x
10 x 11 ~~11~~
~~11~~
1

8

6-14-08

CB, GR, TH

RUN IN 3" CHECKING EACH
20' R 3" Red w/ CORE BSL.

GROUT @ 67' BSL, INSIDE
8" ALK CSG

DRILL IN 3" TO 237' SU.
240' PROB / 3' S/U

RUN IN CORE BSL.

237-239 GR MUDIC LG POWERSO SHOS
239-250 TAN OLIVATE LG TO FL CS (FOL)
TO GR CALCAREOUS AND.

250-260 LT. GR/OL GR CLASTIC LG
TO CALCAREOUS AND

260-270 LT. GR CLASTIC LG.
OUTER FINE

270-280 TAN VUG64 TO FISS CS.

280-290 AS ABOVE (TRACED) / FINE
Rte

290-300 GR FISS CS TO TAN/BLN
VUG64 DOWNTIC LS (BUTTER)

300-310 TAN/BLN VUG64 DOWNTIC LS TO
LT. GR CARBONIC MUD (CUT)

END DAY

J.H. TO RTN TO TAN
w/ HOT 5 CORE UP TO
THIS POINT.

6-15-08

CS, GR

310-320 LT. GR FOL, MIDDLE LS

320-330 GR CLASTIC LS TO TAN/YEL
OLIGOMITE LS

330-340 TAN/YEL OLIGOMITE FOL LS
TO 334. 334-334.8 GR CHANNEL
CLAY (MUD) 335-340 GR/GR
FOL, MIDDLE LS.

340-350 GR FOL LS CLASTIC

350-360 GR FOL MIDDLE LS TO GR
OLIGOMITE LS

360-370 AS ABOVE w/ LAMINATE
ORGANIC/OCCLUDED.

370-380 AS ABOVE

380-390 ~~GR~~ AS ABOVE

390-400 AS ABOVE

400-410 AS ABOVE

410-420 GR/TAN OLIGOMITE LS w/
CHANNELS WITH LS CENTERS

420-430 TAN/YEL OLIGOMITE LS w/
ORGANIC LAMINAE, GR

430-440 AS ABOVE

438-440

440-450

450-453

GETTING HUNG IN HOLE
pull 2 rods

hanging @ 450 ± & 42.

NEED TO GET 2' TO 43.1' BW



6-24-08

CO, GR

NEED TO ADD 250' OF 3" CSG.
DRUGS IN 20' TRISO pulling w/
HENS NO. DRUGS ABOVE MARK
WHERE HANGING. 3" CSG TO
258' BUS.

727 CORNER INNER BEL
HUNG. FULL THE NO.

NO/NQ/OK-SUB BELLED, INNER
ALL THING IN IT. NOBEL NEW
ONE FOR EVERY THE DRUGS

RUN IN MORE 3" CSG
3" TO 268' BUS 270' CESTL.

LIGHTNING

SUNSET HAILING/MAKING NOISE

44 x 20 NRQHA

9-25-61

03.64

TEAR DOWN SURVEY, TRY TO
FIND INFO ON IT. FIND PROBABLY
① CENTRAL HYDRAULICS.

LIGHTING/SPARK

6-26-68

03.64

REMOVED SURVEY.

LOW 3' CRG TO 330'

453-460

DN/GR FRAGMENTS 4

460-468

WASH

6/27/08

CS, GR

468-470 TAN SURVEY LS TO TAN U
w/ ORGANIC STRATIGRAPHY

470-480 TAN LS w/ ORGANIC STRATIGRAPHY
TO SK GR REPTURSED
DOCUMENT (HARD)

480-490 LT GR SOFT LS TO 484.7 TO
TAN/GR GR REPTURSED DOCUMENT
TO 485.7 TO TAN SURVEY
DOCUMENT

490-500 TAN DIAMOND LS w/
ORGANIC STRATIGRAPHY TO TAN/
SK GR REPTURSED DOCUMENT

500-510 TAN SURVEY DOCUMENT 4

510-520 A-AG-15 w/ SK GR REPTURSED
DOCUMENT C, (GR)

52-53 LT GR/TAN MIOCENE
LS. 1500-200.

53-54 LT GR to TAN VUGGY OLIGOCENE
LS. FINEST @ BOTTOM as
LOW.

54-55 TAN/GR VUGGY OLIGOCENE LS
(HARD)

55-56 TAN VUGGY OLIGOCENE LS TO
LT. GR OLIGOCENE LS.

56-57 AS ABOVE

57-58 AS ABOVE

58-59 SOFT GR LS TO BLN/TAN
MEDIAN OLIGOCENE TO
BLN OLIGOCENE MIOCENE LS

59-60 BLN VUGGY OLIGOCENE LS TO
GR LS TO BLN OLIGOCENE
LS TO BLN/TAN/GR BLN OLIGOCENE
OLIGOCENE

600-610 TAN/GR BRECCIAS OLIVINE
TO GL/TAN LIT CLASTIC LI

610-620 TAN/GR GRAIN LI TO TAN/GR
BRECCIAS OLIVINE LI TO
GL INTERL. LI

620-630 GR RUBBY LI TO TAN CLASTIC
LI TO GR/GR/TAN BRECCIAS
OLIVINE

630-640 INTERL. GL INTERL. LI, B
OR GL/TAN BRECCIAS OLIVINE

640-650 INTERL. GL INTERL. LI w/ TAN
RUBBY LI w/ GR/TAN BRECCIAS
OLIVINE

650-660 AS ABOVE

660-670 and dy

6-28-08

C3 GL

660-670

GL/TAN VUGGY L

670-680

GL INTERMED L TO TAN
DURUMITE

680-690

INTERMED. TAN CLASTIC DURUMITE
L L) GL INTERMED L

690-700

AS ABOVE

700-710

TAN VUGGY L TO TAN
POROS L TO TAN.

710-720

TAN POROS L TO GL
INTERMED L TO TAN DURUMITE
L

720-730

DEBRIS VUGGY DURUMITE L/
SOFT POROS L

730-740

AS ABOVE

740-750 INTERMIT. LENS OF TAN
VUGGY LS w/ GRN CLASTIC
DOLOMITIC LS AND GR INTERBED
LS.

750-760 AS ABOVE

760-770 AS ABOVE

770-780 INTERMIT. TAN VUGGY LS w/
OK GRN/GRN CLASTIC DOLOMITIC
LS.

780-790 TAN SOFT POROUS LS. CLASTIC

790-800 TAN VUGGY LS TO TAN SOFT
POROUS TO GR INTERBED LS.

800-810 TAN SOFT POROUS LS

810-820 TAN MORE VUGGY LS

820-830 TAN MUSIC JUGGY W
DK BAN DOCUMENT @ 8:00 or
Run

LIGHTNING

6/20/64 07-GR

830-840 GR JUGGY DOCUMENT U TO
GR JUGGY U

840-850 GR JUGGY U TO GR INTERVIEW U
TO GR JUGGY U

850-860 GR SAT JUGGY U TO GR
INTERVIEW U TO DK BAN
JUGGY DOCUMENTS

860-870 DK BAN JUGGY DOCUMENT
TO GR INTERVIEW U TO DK BAN
JUGGY DOCUMENTS

870-880 INTERMIT. LENSE OF GR
SOFT LS AND BRN RUBBY
DOLOMITE ? TAN/BRN
CLASTIC DOLOMITIC LS

880-890 BRN RUBBY DOLOMITE TO
GR SOFT LS.

890-900 INTERMIT GL SOFT LS w/
BRN RUBBY DOLOMITE
CAVITY 898-~~899~~ 900.

900-910 GR SOFT LS w/ SOME
ORBAN INTERFINGERING
SOFTEN - BOTTOM OF RUN

910-920 BRN CLASTIC DOLOMITE (MURDER)
916-917 - BLACK ORBAN

920-922 TAN MUDCL LS
923-928 CAVITY

938-940 TAN SOFT MOLDED LS.

940-950 TAN SOFT MOLDED LS
942-947 CAVITY

950-960 TAN S.A. MOLDED LS

960-970 AS ABOVE

970-980 AS ABOVE

980-990 TAN/CT DEN MOLDED LS

990-1000 AS ABOVE
TD

Ew dg

9-30-08

03.62

pulling

pull 3" to 250' to 245'

load core

60 Home

7-8

7-9

7-10

8 sacks

7-11

net 130 yd
500' 50

9 sacks

7-12

570' BL
8 ~~sacks~~ sacks

4 sacks outside

7-13

490' BL
5 sacks

TW 380' BL
CK 225' BL

TAP/DIE SET

CORDLESS KIT

1 7/8" TEXAS

MSO
HAND/OUTER

NORRIS CORE RAIL

MAYHEW JR. HAWK PULLEY

CDL FOR GUY

CURVE TABLES

HOW TO USE CURVE TABLES

Table I. contains Tangents and External to a 1° curve. Tan. and Ext. to any other radius may be found nearly enough, by dividing the Tan. or Ext. opposite the given Central Angle by the given degree of curve.

To find Deg. of Curve, having the Central Angle and Tangent: Divide Tan. opposite the given Central Angle by the given Tangent.

To find Deg. of Curve, having the Central Angle and External: Divide Ext. opposite the given Central Angle by the given External.

To find Nat. Tan. and Nat. Ex. Sec. for any angle by Table I.: Tan. or Ext. of twice the given angle divided by the radius of a 1° curve will be the Nat. Tan. or Nat. Ex. Sec.

EXAMPLE

Wanted a Curve with an Ext. of about 12 ft. Angle of Intersection or I. P. = 23° 20' to the R. at Station 542 + 72.

Ext. in Tab. I opposite 23° 20' = 120.87
 $120.87 \div 12 = 10.07$ Say a 10° Curve.

Tan. in Tab. I opp. 23° 20' = 1183.1
 $1183.1 \div 10 = 118.31$.

Correction for A. 23° 20' for a 10° Cur. = 0.16
 $118.31 + 0.16 = 118.47$ = corrected Tangent.

(If corrected Ext. is required find in same way)
Ang. 23° 20' = $23.33^\circ \div 10 = 2.3333$ = L. C.

2° 19½' = def. for sta.	542	I. P. = sta.	542 + 72
4° 49½' = " " "	+ 50	Tan. =	1 118.47
7° 19½' = " " "	543	B. C. = sta.	541 + 53.53
9° 49½' = " " "	+ 50	L. C. =	2 2.33.33
11° 40' = " " "	543 +	E. C. = Sta.	543 + 86.86
	86.86		

$100 - 53.53 = 46.47 \times 3' (\text{def. for 1 ft. of } 10^\circ \text{ Cur.}) = 139.41' =$

2° 19½' = def. for sta. 542.

Def. for 50 ft. = 2° 30' for a 10° Curve.

Def. for 36.86 ft. = 1° 50½' for a 10° Curve.

