GOOLSBY BROTHERS and associates, inc.

575 Union Blvd, Suite 208
Lakewood, CO 80228
303-945-2960 Office

Geological Wellsite
Supervision

www.goolsbybrothers.com

PETCOM

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: D&C Farms 13C-33HZ
Location: Section 28, T1N, R67W, Weld County, CO.
License Number: API: 05-123-37889-00 Region: Wattenberg
Spud Date: 5 Oct 2013 Drilling Completed: 11 Oct 2013
Surface Coordinates: 501' FSL X 1488' FWL SESW
LAT: 40.016204 LONG: -104.899559
Bottom Hole 460 ' FSL X 610' FWL SWSW (Proj) Sec. 33
Coordinates: LAT: 40.00123 LONG: -104.902676
Ground Elevation (ft): 5008' K.B. Elevation (ft): 5024'
Logged Interval (ft): 7300' To: 13010' Total Depth (ft): 13010'
Formation: Codell
Type of Drilling Fluid: Polymer-Gel

Printed by HORIZONTAL.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Kerr-McGee Oil & Gas Onshore LP
Address: Granite Tower - 1099 18th St, Ste 1800
Denver, CO 80202
CO Geologist, Tom Birmingham

GEOLOGIST

Name: John Adams & Robin Brackman
Company: Goolsby Brothers & Assoc. (GBA), Inc. (www.goolsbybrothers.com)
Address: 575 Union Blvd.
Suite 208,
Lakewood CO. 80228

E-logs

MWD GR 7300' - 12955'
MWD IND 8200' - 12926'

Casing

9 5/8" Surface Casing set @ 1040'
7" Intermediate Casing set @ 8261' MD, set on 8 Oct 2013
& run 4 1/2" Production Liner & Packer on 12 Oct 2013.

Comments

1) Drilling Contractor: Xtreme Drilling, Rig # 23
2) Directional Drilling: Weather ford Drilling Services
MWD/LWD: John Jackson, Michael Nguyen
3) Gas Equipment: Mudlogging Systems Inc.
by Terra Services Redbox # ML-TGC 326 & Ratcliff Agitator

ROCK TYPES

▨ Anhy
▨ Bent
▨ Brec
▨ Cht
▨ Clyst
■ Coal

▨ Oil sat.
▨ Congl
▨ Dol
▨ Gyp
▨ Igne
▨ Lmst

▨ Meta
▨ Mrlst
▨ Salt
▨ Shale
▨ Shcol
▨ Shgy

▨ Ss
▨ Sltst
▨ Ss
▨ Chalk
▨ Carb sh
▨ Slty sh

ACCESSORIES

MINERAL
- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff

FOSSIL
- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram
- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom

STRINGER
- Chlkstg
- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg

TEXTURE
- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

OTHER SYMBOLS

OIL SHOWS
- Even
- Spotted
- Ques
- Dead
- Vspotty
- near even

POROSITY TYPE
- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

ROUNDING
- Rounded
- Subrnd
- Subang
- Angular

SORTING
- Well
- Moderate
- Poor

Trip for MM Resume drilling 01:30 10-6-13

Trip for MM resume drilling 05:00 7 Oct 2013

Bit - GR: 44'
Bit - Svy: 58'

Bit #1 8.75" Hughes DP504X, 6X18 JETS; MWD GR/Survey BHA w/ Directional Mud Motor; In @ 1035'.

GBA two man crew start on 10/5/13 using Striplog and ML-448 TGC Gas detector.

Gas Buster on line

MD 7289 TVD 7180.87
INC 3.2 AZ 148.66
N 90.44 E -672.03
VS -93.64 DL 4.09

SH: (100%) dk gy-blk, sb plty-plty, occ carb, n calc, slty ip, tr ss, fis, cly mtrx, sl lmy, tr carb frag, tr pyr, no min fluor, rthy-gray, frm-sft, NFSOC.

Niobrara "A" top

MD 7374 TVD 7264.9
INC 14.04 AZ 163.15
N 78.51 E -667.79
VS -81.69 DL 12.91

SH: (100%) dk gy-blk, sb plty-plty, occ carb, n calc, slty ip, tr ss, fis, cly mtrx, sl lmy, tr carb frag, tr pyr, no min fluor, rthy-gray, frm-sft, NFSOC.

Sharon Springs top @ 7435' MD, 7323' TVD.

MD 7459 TVD 7345.32
INC 23.39 AZ 158.22
N 52.92 E -656.52
VS -56.06 DL 11.15

Niobrara "A" top @ 7475'MD, 7360 TVD.

SH (60%) v dk gy-blk, frm, plty, fiss, sb wxy-wxy, n slty, carb, v calc, MRLST (40%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld,

SH (50%) v dk gy-blk, frm, plty, fiss, sb wxy-wxy, n slty, carb, v calc. MRLST (40%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld, CHLK: (10%) blk-dk brnsh gy, sl mot-mot, sb plty-sb blky, v carb, v calc, v arg, no dry flor, wk slw milky cut & fnt dl yl resid ring flor.

MD 7544 TVD 7422.71
INC 25.45 AZ 162.25
N 19.85 E -646.69
VS -22.95 DL 3.12

SH (40%) v dk gy-blk, frm, plty, fiss, sb wxy-wxy, n slty, carb, v calc, MRLST (40%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld, CHLK: (20%) blk-dk brnsh gy, sl mot-mot, sb plty-sb blky, v carb, v calc, v arg, no dry flor, wk slw milky cut & fnt dl yl resid ring flor.

MRLST (40%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld, CHLK: (40%) blk-dk brnsh gy, sl mot-mot, sb plty-sb blky, v carb, v calc, v arg, no dry flor, wk slw milky cut & fnt dl yl resid ring flor, SH (20%) v dk gy-blk, frm, plty, fiss, sb wxy-wxy, n slty, carb, v calc.

MD 7630 TVD 7496.93
INC 29.83 AZ 169.97
N -18.78 E -637.29
VS 15.71 DL 6.65

Niobrara "B" top @ 7646'MD, 7513 TVD.

MRLST (40%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld, CHLK: (40%) blk-dk brnsh gy, sl mot-mot, sb plty-sb blky, v carb, v calc, v arg, no dry flor, wk slw milky cut & fnt dl yl resid ring flor, SH (20%) v dk gy-blk, frm, plty, fiss, sb wxy-wxy, n slty, carb, v calc.

MD 7715 TVD 7568.34
INC 40.47 AZ 174.28
N -67.19 E -630.84
VS 64.15 DL 12.85

MRLST (40%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld, CHLK: (40%) blk-dk brnsh gy, sl mot-mot, sb plty-sb blky, v carb, v calc, v arg, no dry flor, wk slw milky cut & fnt dl yl resid ring flor, SH (20%) v dk gy-blk, frm, plty, fiss, sb wxy-wxy, n slty, carb, v calc.

Niobrara "C" Chalk @ 7780'MD, 7616' TVD.

MD 7801 TVD 7630.57
INC 46.78 AZ 171.51
N -126.02 E -623.43
VS 123 DL 7.66

CHLK: (50%) blk-dk brnsh gy, sl mot-mot, sb plty-sb blky, v carb, v calc, v arg, no dry flor, wk slw milky cut & fnt dl yl resid ring flor, MRLST (40%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld, SH (10%) v dk gy-blk, frm, plty, fiss, sb wxy-wxy, n slty, carb, v calc.

MD 7886 TVD 7682.54
INC 57.74 AZ 177.39
N -192.79 E -612.1
VS 189.8 DL 14

CHLK: (50%) blk-dk brnsh gy, sl mot-mot, sb plty-sb blky, v carb, v calc, v arg, no dry flor, wk slw milky cut & fnt dl yl resid ring flor, MRLST (40%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld, SH (10%) v dk gy-blk, frm, plty, fiss, sb wxy-wxy, n slty, carb, v calc.

CHLK: (60%) blk-dk brnsh gy, sl mot-mot, sb plty-sb blky, v carb, v calc, v arg, no dry flor, wk slw milky cut & fnt dl yl resid ring flor, MRLST 3(0%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld, SH (10%) v dk gy-blk, frm, plty, fiss, sb wxy-wxy, n slty, carb, v calc.

MD 7972 TVD 7723.15
INC 65.86 AZ 179.23
N -268.49 E -615.01
VS 265.5 DL 9.63

MD 8057 TVD 7756.27
INC 68.29 AZ 182.9
N -346.74 E -616.49
VS 343.74 DL 4.9

Top: Fort Hays; 8044' MD, 7751' TVD

LS: (90%) gysh brn-lt brn-off wh, m hd, occ frm, plty rr sb blky, flky, smth - wxy, micr xlin SH (10%) v dk gy-blk, frm, plty, fiss, sb wxy-wxy, n slty, carb, v calc,

MD 8142 TVD 7781.03
INC 77.82 AZ 187.47
N -427.59 E -623.81
VS 424.56 DL 12.53

SS: (60%) gy- gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor. LS: (30%) gysh brn-lt brn-off wh, m hd, occ frm, plty rr sb blky, flky, smth - wxy, micr xlin, SH (10%) v dk gy-blk, frm, plty, fiss, sb wxy-wxy, n slty, v carb, v calc,

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor.

MD 8201 TVD 7788.67
INC 87.27 AZ 187.22
N -485.54 E -631.38
VS 482.49 DL 16.02

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor.

IC point 8266' MD.
15:10 7 Oct 2013

60% Casing cement, crmy tan, SS: (40%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor.

Begin drilling lateral section @ 5:30 AM 10/8/13

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor.

MD 8361 TVD 7792.74
INC 89.82 AZ 184.37
N -644.64 E -647.52
VS 641.53 DL 2.39

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor.

MD 8446 TVD 7792.66
INC 90.26 AZ 183.53
N -729.44 E -653.38
VS 726.31 DL 1.12

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor.

MD 8532 TVD 7791.56
INC 91.23 AZ 182.7
N -815.3 E -658.05
VS 812.15 DL 1.48

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor.

MD 8617 TVD 7790.33
INC 90.43 AZ 183.05
N -900.19 E -662.31
VS 897.02 DL 1.03

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor.

MD 8703 TVD 7789.4
INC 90.8 AZ 181.59
N -986.11 E -665.79
VS 982.93 DL 1.75

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor.

MD 8788 TVD 7788.68
INC 90.18 AZ 181.49
N -1071.08 E -668.08
VS 1067.89 DL 0.74

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor.

MD 8873 TVD 7788.66
INC 89.82 AZ 179.65
N -1156.07 E -668.92
VS 1152.88 DL 2.21

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn milky cut, fr rsd rng flor.

MD 8958 TVD 7787.9
INC 91.23 AZ 180.05
N -1241.06 E -668.7
VS 1237.87 DL 1.72

LS: (80%) gysh brn-lt brn-off wh, m hd, occ frm, plty rr sb blky, flky, smth - wxy, micr xlin bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, yel-grn milky cut, fr rsd rng flor. SS: (20%) gy- gysh v spty dry cut flor

MD 9043 TVD 7786.8
INC 90.25 AZ 179.77
N -1326.05 E -668.57
VS 1322.86 DL 1.2

TOOH for mud motor 13:30 9 Oct 2013

LS: (100%) gysh brn-lt brn-off wh, m hd, occ frm, plty rr sb blky, flky, smth - wxy, micr xlin

MD 9128 TVD 7786.53
INC 90.12 AZ 179.49
N -1411.05 E -668.02
VS 1407.86 DL 0.36

MD 9214 TVD 7784.77
INC 92.22 AZ 180.76
N -1497.03 E -668.2
VS 1493.83 DL 2.85

LS: (100%) gysh brn-lt brn-off wh, m hd, occ frm, plty rr sb blky, flky, smth - wxy, micr xlin

MD 9299 TVD 7781.55
INC 92.12 AZ 180.88
N -1581.96 E -669.42
VS 1578.76 DL 0.18

MRLST: (70%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld, LS: (30%) gysh brn-lt brn-off wh, m hd, occ frm, plty rr sb blky, flky, smth - wxy, micr xlin

MD 9385 TVD 7778.89
INC 91.42 AZ 180.25
N -1667.91 E -670.27
VS 1664.71 DL 1.09

MD 9470 TVD 7777.06
INC 91.05 AZ 179.63
N -1752.89 E -670.19
VS 1749.69 DL 0.85

MRLST: (50%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld, LS: (50%) gysh brn-lt brn-off wh, m hd, occ frm, plty rr sb blky, flky, smth - wxy, micr xlin

Fault: Upthrow 28'

MD 9556 TVD 7775.81
INC 90.62 AZ 178.53
N -1838.87 E -668.8
VS 1835.67 DL 1.37

Mud Wt & Vis; 9.6, 31

Mud Wt & Vis; 9.9, 38

Mud Wt & Vis; 9.9, 36

Mud Wt & Vis; 9.3, 30

Mud Wt & Vis; 9.2, 34

Trip gas

Mud Wt & Vis; 8.9, 35

Mud Wt & 36

MWD RES 20
MWD RES 40
ROP (ft/hr)
Total gas (units)
MWD GR (API)
7700 TVD
7750
7800
MD 9642 TVD 7775.94 INC 89.2 AZ 177.63 N -1924.82 E -865.92 VS 1921.63 DL 1.95
MD 9728 TVD 7777.1 INC 89.26 AZ 176.94 N -2010.71 E -861.84 VS 2007.54 DL 0.81
MD 9813 TVD 7776.97 INC 90.92 AZ 178.09 N -2095.63 E -858.16 VS 2092.47 DL 2.38
MD 9898 TVD 7775.92 INC 90.49 AZ 177.33 N -2180.55 E -854.76 VS 2177.41 DL 1.03
MD 9984 TVD 7775.36 INC 90.26 AZ 176.83 N -2266.44 E -850.38 VS 2263.31 DL 0.64
MD 10069 TVD 7775.17 INC 90 AZ 177.87 N -2351.35 E -846.45 VS 2348.23 DL 1.26
MD 10154 TVD 7776.45 INC 88.27 AZ 178.03 N -2436.28 E -843.41 VS 2433.17 DL 2.04
MD 10240 TVD 7777.38 INC 90.49 AZ 178.09 N -2522.22 E -840.5 VS 2519.12 DL 2.58
MD 10325 TVD 7777.52 INC 89.32 AZ 179.93 N -2607.19 E -838.29 VS 2604.1 DL 1.69
MD 10411 TVD 7778.5 INC 89.38 AZ 178.96 N -2693.17 E -836.71 VS 2690.08 DL 0.08
MD 10496 TVD 7779.5 INC 89.26 AZ 180.65 N -2778.16 E -836.42 VS 2775.07 DL 1.99
MD 10581 TVD 7779.64 INC 90.56 AZ 179.96 N -2863.15 E -836.87 VS 2860.07 DL 1.73
MD 10667 TVD 7779.5 INC 89.63 AZ 179.53 N -2949.15 E -836.49 VS 2946.07 DL 1.19
MD 10752 TVD 7781.42 INC 87.78 AZ 180.05 N -3034.13 E -836.18 VS 3031.04 DL 2.26
MD 10837 TVD 7783.48 INC 89.44 AZ 180.85 N -3119.1 E -836.84 VS 3116.01 DL 2.17
MD 10923 TVD 7783.53 INC 90.49 AZ 182.62 N -3205.05 E -839.45 VS 3201.95 DL 2.39
MD 11008 TVD 7783.26 INC 89.88 AZ 182.24 N -3289.97 E -843.05 VS 3286.86 DL 0.85
MD 11093 TVD 7784.03 INC 89.08 AZ 180.61 N -3374.94 E -845.16 VS 3371.82 DL 2.14
MD 11179 TVD 7783.84 INC 91.17 AZ 182.32 N -3460.9 E -847.36 VS 3457.78 DL 3.14
MD 11264 TVD 7782.42 INC 90.74 AZ 181.66 N -3545.84 E -850.31 VS 3542.7 DL 0.93
MD 11349 TVD 7781.87 INC 90 AZ 180.95 N -3630.82 E -852.25 VS 3627.67 DL 1.21
MD 11435 TVD 7782.9 INC 88.64 AZ 180.04 N -3716.8 E -852.99 VS 3713.65 DL 1.9
MD 11520 TVD 7784.77 INC 88.83 AZ 181.16 N -3801.78 E -853.88 VS 3798.62 DL 1.34
MD 11606 TVD 7786.07 INC 89.44 AZ 180.05 N -3887.76 E -854.79 VS 3884.6 DL 1.47
MD 11691 TVD 7786.85 INC 89.51 AZ 180.66 N -3972.75 E -855.32 VS 3969.59 DL 0.72
MD 11776 TVD 7787.21 INC 90 AZ 182.62 N -4057.71 E -857.75 VS 4054.54 DL 2.38
MD 11861 TVD 7787.67 INC 89.38 AZ 182.93 N -4142.61 E -861.86 VS 4139.43 DL 0.82
MD 11947 TVD 7788.83 INC 89.08 AZ 181.86 N -4228.53 E -865.46 VS 4225.33 DL 1.29
70%) m gy brn, m sft, blky, flky, rthy, m hi arg cont / shly, chlky, sl mttld, LS: (30%) gysh brn-lt
h, m hd, occ frm, pity rr sb blky, flky, smth - wxy, micr xlin
SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn mlky cut, fr rsd rng flor.
SS: (60%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn mlky cut, fr rsd rng flor, LS: (40%) gysh brn-lt brn-off wh, m hd, occ frm, pity rr sb blky, flky, smth - wxy, micr xlin
SS: (80%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn mlky cut, fr rsd rng flor, LS: (20%) gysh brn-lt brn-off wh, m hd, occ frm, pity rr sb blky, flky, smth - wxy, micr xlin
SS: (90%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn mlky cut, fr rsd rng flor, LS: (10%) gysh brn-lt brn-off wh, m hd, occ frm,
SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn mlky cut, fr rsd rng flor
Irradict
Fault: Upthrow 39'
Niobrara C shoulder
Fort Hays
Codell
Vis; 9.8,
Mud Wt & Vis; 8.8, 36
Mud Wt & Vis; 9.9, 37
High Vis Sweep
TG (units)
C1 (units)
C2 (units)
C3 (units)
C4 (units)
9650
9700
9750
9800
9850
9900
9950
10000
10050
10100
10150
10200
10250
10300
10350
10400
10450
10500
10550
10600
10650
10700
10750
10800
10850
10900
10950
11000
11050
11100
11150
11200
11250
11300
11350
11400
11450
11500
11550
11600
11650
11700
11750
11800
11850
11900
11950
12000

dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn mlky cut,

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn mlky cut, fr rsd rng flor

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn mlky cut, fr rsd rng flor

SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn mlky cut, fr rsd rng flor

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SS: (100%) gysh bn-dkgysh bn - dk bn, vfl-flg, rr ufg, m cmt, m w srtd, most sbrnd, occ sbang, est vis por 8-10%, v spty dry cut flor, yel-grn mlky cut, fr rsd rng flor

TD 15:20 on 11 Oct 2013

	SSD	TVD	MD
Sharon Springs	-2290	7323	7435
Niobrara A	-2336	7360	7475
Niobrara B	-2489	7513	7464
Niobrara C	-2592	7616	7780
Fort Hays	-2727	7751	8044
Codell	-2750	7774	8114

Thank you
Goolsby Brothers & Assoc.