

**NW GRAYLIN D SAND UNIT #33**

(API #075-05908)

Loc. #312152

FIELD NAME GRAYLIN NW - #31880

Spud Date 10/1/1955

Basin DENVER - JULESBURG

Location SWSW 7 8N 53W

Elevation GL (ft) 4208

Elevation KB (ft) 4218

TD (ft) 5085

PBTD (ft) 4992

**Formation Tops**

No SUSSEX Fm Production w/in 1 mi.  
No SHANNON Fm Production w/in 1 mi.

NBRR top from offset well 075-05913. Depth  
adjusted to track formation thickness.  
NIOBRARA - 4019'

GREENHORN - 4622'  
X BENTONITE - 4777'  
D SAND - 4870'  
J SAND - 4978'  
SCULL CREEK - 5072'

**EXISTING**

0  
500'  
1000'  
1500'  
2000'  
2500'  
3000'  
3500'  
4000'  
4500'  
5000'

Existing Casing and Cement Coverage

SURF: Size: 9.625", Hole Size: UNK  
Depth: 214 ft., Weight: 25.4  
Cement: 160 sx, Top: 0 ft., Method: Vis

Deepest DWR w/in 1 mi. = 700'

1ST, Size: 5.5", Hole Size: UNK  
Depth: 5084', Weight: 15.5  
Cement: 150 sx, TOC: 4216', Method: CALC

tubing UNK  
TOC = 4216' (CALC)  
D Sand Perfs 4876'-4880'  
PBTD (ft) 4992'  
TD (ft) 5085'

GREENHORN - 4622'  
X BENTONITE - 4777'  
D SAND - 4870'  
J SAND - 4978'  
SCULL CREEK - 5072'

**PROPOSED**

Depth

Plug Placement

0  
500'  
1000'  
1500'  
2000'  
2500'  
3000'  
3500'  
4000'  
4500'  
5000'

Perf at 264', pump  
110 sx through perfs  
to surface.

Perf at 1200' & 1100'  
CICR @ 1110', pump  
40 sx through perfs.  
Leave 10 sx on top.

Perf at 2900' & 2800'  
CICR @ 2810', pump  
40 sx through perfs.  
Leave 10 sx on top.

Perf at 3969' & 4069'  
CICR @ 3979', pump  
40 sx through perfs.  
Leave 10 sx on top.

CBL Required  
VERIFY TOC w/ CBL  
CIBP w/ 3 sx @ 4801'  
(75' above top perf).