

MUNDELL #12-21

(API #001-08415)

Loc. #320203

FIELD NAME WATTENBERG - #90750

Spud Date 5/22/1984

Basin DENVER - JULESBURG

Location SWNW 21 2S64W 6

Elevation 5389' GL

Elevation 5399' KB

TD 8160'

PBDT 8140'

Formation Tops

DENVER - 162'

UPPER ARAPAHOE - 530'

LOWER ARAPAHOE - 796'

FOX HILLS TOP - 1383'

FOX HILLS BASE -1650'

□ Base of Upper Pierre - 2580'

SUSSEX - 4968'

SMOKY HILL - 7203'

CODELL - 7597'

BENTONITE - 7883'

D SAND - 7978'

J SAND - 8038'

SKULL CREEK - 8147'

EXISTING0'
500'
1000'
1500'
2000'
2500'
3000'
3500'
4000'
4500'
5000'
5500'
6000'
6500'
7000'
7500'
8000'**Existing Casing and Cement Coverage**SURF: Size: 8.625", Hole Size: 12.25 in.
Depth: 264' ft., Weight: 24
Cement: 185 sx, Top: 0 ft., Method: Vis

Deepest DWR w/in 1 mi. = 750'

LOWER ARAPAHOE - 796'

1ST, Size: 5.5", Hole Size: 7.875"
Depth: 8162', Weight: 17
Cement: 200 sx, TOC: 7300', Method: CBL

FOX HILLS TOP - 1383'

FOX HILLS BASE -1650'

DV Tool @ 1684' 350 sx

Base of Upper Pierre - 2580'

TOC=7300' (CBL.)

Tubing set: UNKNOWN

J Sand Perfs 8041'-8078'
PBDT=8140'
TD=8160'**PROPOSED**Depth
0'
500'
1000'
1500'
2000'
2500'
3000'
3500'
4000'
4500'
5000'
5500'
6000'
6500'
7000'
7500'
8000'**Plug Placement**Place 110 sx
balanced plug from
846' to surface.Place 50 sx balanced
plug from 1734'. Tag
above 1333' requiredVerify DV Tool cement
bottom and coverage
with CBL.Perf at 2630', pump 40
sx through perfs. Leave
10 sx inside. Tag
above 2530' required

CBL Required

VERIFY TOC w/ CBL
Perf at 6900', & 6800'.
Retainer at 6810. Pump
35 sx through. Leave
10 sx on top.Pressure test casing
after setting CIBP.CIBP w/ 3 sx @ 7966'
(75' above top perf).