

**Williams 44-27**  
**(API #001-08393)**

**Loc. #320199**

**FIELD NAME** RADAR - #71300

**Spud Date** 3/8/1984

**Basin** DENVER - JULESBURG

**Location** SESE 27 2S64W 6

**Elevation** 5362' GL

**Elevation** 5375' KB

**TD** 8120'

**PBTD** 8080'

**Formation Tops**

DENVER - 87'

UPPER ARAPAHOE - 482'

LOWER ARAPAHOE - 796'

FOX HILLS TOP - 1336'

FOX HILLS BASE - 1608'

Base of Upper Pierre - 2750'

SMOKY HILL - 7114'

CARLILE - 7512'  
GREENHORN - 7594'

BENTONITE - 7800'  
D SAND - 7899'  
J SAND - 7944'  
SKULL CREEK - 8010'

**EXISTING**

0'  
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: 222' ft., Weight: 24  
Cement: 175 sx, Top: 0 ft., Method: Vis

UPPER ARAPAHOE - 482'

Deepest DWR w/in 1 mi. = 635'

LOWER ARAPAHOE - 796'

1ST, Size: 5.5", Hole Size: 7.875"

Depth: 8120', Weight: 17  
Cement: 200 sx, TOC: 6792', Method: CALC

FOX HILLS TOP - 1336'

Casing Sleeve @ 1466' 200 sx cement

FOX HILLS BASE - 1608'

Base of Upper Pierre - 2750'

TOC=6792' (CALC.)

2-3/8" tubing set UNK (2950')

J Sand Perfs 7985'-8008'  
PBTD=8080'  
TD=8120'

**PROPOSED**

Depth  
0'  
500'  
1000'  
1500'  
2000'  
2500'  
3000'  
3500'  
4000'  
4500'  
5000'  
5500'  
6000'  
6500'  
7000'  
7500'  
8000'

Plug Placement

Place 30 sx balanced plug from 272' to surface.  
Top off annulus space with 20 sx to surface at cut and cap.

Place 50 sx balanced plug from 846'. Tag above 432' required.

Verify cement coverage with CBL.

Perf at 1658' and 1558'.  
Set CICR at 1568', pump 30 sx through CICR and place 35 sx on top.

Perf at 2800', pump 40 sx through perfs.  
Leave 10 sx inside.  
Tag above 2700' required

CBL Required

VERIFY TOC w/ CBL  
Perf at 6200', & 6100'.  
Retainer at 6110. Pump 35 sx through. Leave 10 sx on top.

Pressure test casing after setting CIBP.

CIBP w/ 3 sx @ 7910' (75' above top perf).