

Loc. #320190

FIELD NAME CHIEFTAIN - #11060

Spud Date 1/22/1984

Basin DENVER - JULESBURG

Location SENW 3 2S63W 6

Elevation 5156' GL

TD 7630'

PBTD 7600'

Formation Tops

DENVER - 41'

UPPER ARAPAHOE - 126'

LOWER ARAPAHOE - 371'

FOX HILLS TOP - 923'

FOX HILLS BASE -1142'

Base of Upper Pierre - 2430'

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SMOKY HILL - 6609'

FORT HAYS - 7000'

CODELL - 7029'

GREENHORN - 7105'

BENTONITE - 7307'

D SAND - 7404'

J SAND - 7458'

SKULL CREEK - 7521'

EXISTING

0

500'

1000'

1500'

2000'

2500'

3000'

3500'

4000'

4500'

5000'

5500'

6000'

6500'

7000'

7500'

Existing Casing and Cement Coverage

SURF: Size: 8.625", Hole Size: 12.5 in.

Depth: 210 ft., Weight: 24

Cement: 175 sx, Top: 0 ft., Method: Vis

LOWER ARAPAHOE - 371'

Deepest DWR w/in 1 mi.= 500'

FOX HILLS TOP - 923'

FOX HILLS BASE -1142'

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

Depth: 7630', Weight: 17

Cement: 150 sx, TOC: 6695', Method: Calc

TOC=6695' (CALC.)

2-7/8" tubing set at 7423'

J Sand Perfs 7497'-7528'

PBTD=7600'

TD=7630'

PROPOSED

Depth

0

500'

1000'

1500'

2000'

2500'

3000'

3500'

4000'

4500'

5000'

5500'

6000'

6500'

7000'

7500'

Plug Placement

Perf at 550'. Pump 120

sx through perfs to sfc.

Leave 80 sx inside to

surface.

Perf at 1192', pump

50 sx through perfs.

Leave 40 sx inside.

Tag above 873'

required

Perf at 2480', pump 40

sx through perfs. Leave

10 sx inside. Tag

above 2380' required

CBL Required

VERIFY TOC w/ CBL

Perf at 6500', & 6400'.

Retainer at 6410. Pump

35 sx through. Leave

10 sx on top.

Pressure test casing

after setting CIBP.

CIBP w/ 3 sx @ 7422'

(75' above top perf).