

SHANNON-ROBERTS #4

(API # 014-08761)

Loc. # 321501

FIELD NAME SPINDLE - #77900

Spud Date 7/3/1976

Basin DENVER - JULESBURG

Location SWNE 26 1N 68W

Elevation GL (ft) 5163

Elevation KB (ft) 5173

TD (ft) 5450

PBTD (ft) 5152

Formation Tops

Lower Arapahoe Top - 4'

Lower Arapahoe Bottom - 69'

Fox Hills Top - 464'

Fox Hills Bottom - 787'

Base of Upper Pierre - 1970'

depth taken from nearby induction log
on UPRR 43 PAN AM UNIT Y #2 (123-
14504)

SUSSEX - 4904'

No SHANNON Fm Production w/in 1 mi.

EXISTING0
500'
1000'
1500'
2000'
2500'
3000'
3500'
4000'
4500'
5000'
5500'**Existing Casing and Cement Coverage**

SURF: Size: 8.625", Hole Size: 12.25 in.

Depth: 179 ft., Weight: 24

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

Deepest DWR w/in 1 mi. = 1040'

1ST, Size: 4.5", Hole Size: 7.875"

Depth: 5130', Weight: 10.5

Cement: 240 sx, TOC: UNK, Method: NONE

Base of Upper Pierre - 1970'

SUSSEX Fm Production w/in 1 mi.

tubing 2 3/8" to 4911'

TOC = 4556' (CALC by COGCC)

SUSX Perfs 4936'-4996'

PBTD (ft) 5152

TD (ft) 5450

PROPOSED

Depth

Plug Placement0
500'
1000'
1500'
2000'
2500'
3000'
3500'
4000'
4500'
5000'
5500'Perf at 229', pump 75
sx through perfs to
surface.Perf at 837', pump
150 sx through perfs.
Tag @ 414'.Perf at 2070' & 1970'
CICR @ 1980', pump
40 sx through perfs.
Leave 10 sx on top.

CBL Required

VERIFY TOC w/ CBL

Pressure test casing
after setting CIBP.CIBP w/ 2 sx @ 4861'
(75' above top perf).