

CURRENT WELLBORE DIAGRAM

Lease: ND "19" Federal SWD Well No.: 1
Injection
Reservior: Devonian
Location: 516' FNL & 705' FEL S19-T24S-R30E
County: EDDY St: NM API: 30-015-39713

Surface Csg.

Size: 20"
Wt 94#
Grd J-55, BTC
Set @: 754'
Sxs cmt: 1485 sxs CI C
TOC: Surface
Hole Size: 26"

Intermediate Csg.

Size: 13 3/8"
Wt 68#
Grd HCL-80, BTC
Set @: 3493'
Sxs Cmt: 3525 sxs CI C
TOC: Surface
Hole Size: 17 1/2"

Production Csg.

Size: 9 5/8"
Wt 53.5#
Grd L-80, LT&C
Set @: 11,253'
Sxs Cmt: 3405 sxs CI H, 150 sxs CI C
TOC: Surface
Hole Size: 12 1/4"

Liner

Size: 7 5/8"
Wt 39#
Grd P-110, Ultra FJ
Set @: 10,926.46' - 15,611'
Sxs Cmt: 1,390 sxs CI H
TOC: 10,926'
Hole Size: 8 1/2"

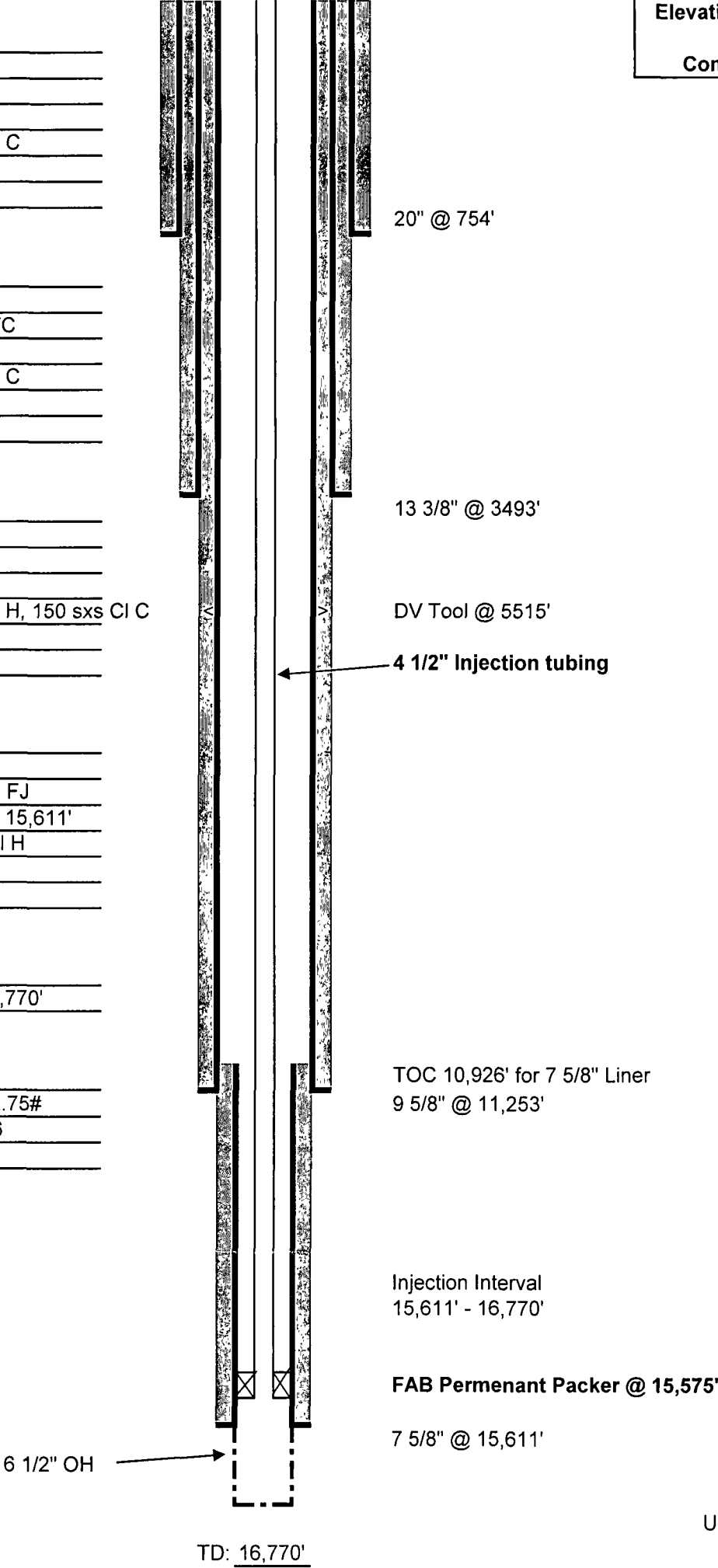
Open Hole

Size: 6 1/2"
Depth: 15,611' - 16,770'

Tubing

Size: 4 1/2" IPC
Wt 15.50# & 12.75#
Grd L-80, RTS-6
Set @: 15,575'

Elevation GL:	3187.01
Elevation KB:	3212.62
Spud:	12/10/2011
Completed	3/27/2012



Updated: 4/12/2012
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Engr: CCC