



WELLBORE DIAGRAM

PROPOSED WBD

1973' FNL & 660' FWL

Operator: Great Western Operating Co. LLC
Well Name: Kowitz 27-5
Lease Number:
Location: SWNW 27 5N 65W
Field: Wattenberg - #90750
County, State: Weld, CO
API Number: 05-123-13474
Diagram Date: 1/11/2019
Lat/Long: 40.371878/ -104.656492

1 Mile Radius:

No PR Sussex

Deepest Offset WW: 350'

Fox Hills: bottom approx 206'

Cut and cap csg 4-6'
below ground level
(Well Name, API, Legal Desc)

KB ' 4662'

GL ' 4652'

Tagged at 310'
Place 87sx from 310' to surface

Place 80sx Gsealer 1 @ 606' to 167'

Place 66sx Gsealer 1 from 1004' to 610'

**Gas found bubbling at surface
drilled out cement to 1004'

Cut and pull csg @ 1212'
pump stub plug @ 1250'
w/ 450 sx class G to surf

Perf @ 2500' squeeze 75 sx
thru CICR @ 2410', leave 10 sx on top
annular TOC approx 2269'

Set CIBP @ 6760'
pump 25 sx cmt
TOC approx 6288'

Spud Date: 7/29/1987
Date TD Reached 8/3/1987
Completion Date: 9/5/1987

Surface Casing
(12-1/4" hole size) 8-5/8" 14# csg
set @ 334' w/ 270 sx

Production casing
(7-7/8" hole size) 4-1/2" 15.1# csg
set @ 7165' w/ 220 sx

Tubing
2-3/8" tbg @ 6910 (213 jts)

TOC = 6165'

Formation Tops (MD)

Susse 4310'
Shann 4860'
Niobra 6677'
Codell 7012'

Perforations

Niobrara:
6814'-6834'

Codell:
7016'-7028'

66

TVD =
MD = 7165'

PBTVD =
PBMD = 7165'