

WELLBORE DIAGRAM
CURRENT WBD

1,980 FSL & 660 FWL

Operator: Great Western Operating Company, LLC
Well Name: Murphy #13-17
Lease Number:
Location: NWSW Sec 17 T5S-R63W
Field: Ferret
County, State: Arapahoe, CO
API Number: 05-005-7082
Diagram Date: 8/19/2013

Well History

Spud Date: 6/19/1995
Date TD Reached: 6/27/1995
Completion Date: 11/9/1995

Surface Hole, Casing Size: 12-1/4", 8-5/8"
Surface Casing Cement 240 sx lite + 100 sx regular
Surface Pipe Shoe Depth 799

Production Casing Information

Size and Weight 4-1/2", 11.6#
Casing Setting Depth 8176

Total Depth 8186
Hole Size 7-7/8"

DV Tool Setting Depth 2020

Primary Cement 285 sx 15.9 ppg regular cement +
285 sx class G
Wiper plug stuck in DV tool, unable
to open DV tool, Set slips

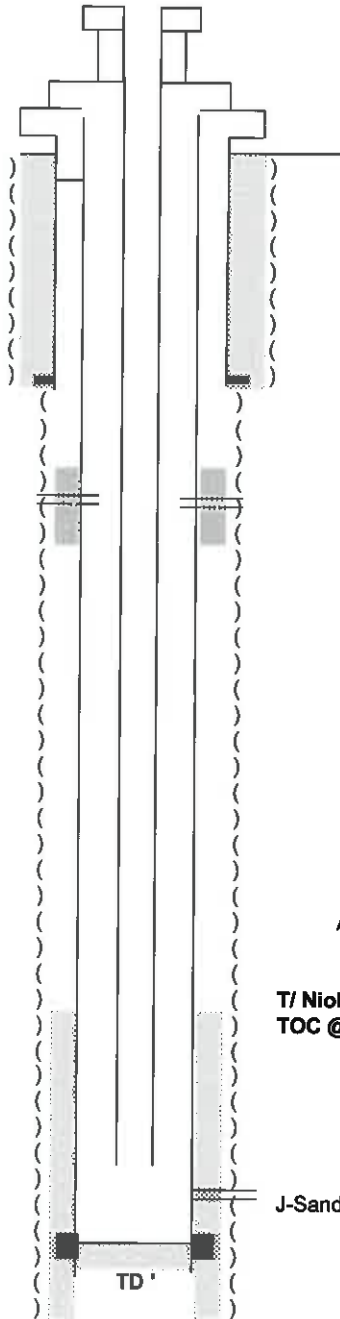
Tubing Information

Size 2-3/8"
Approx. # of Joints 253
Approximate Footage 7997

T/ Niobrara @ 7,259'
TOC @ 7,980' per CBL

Producing Formations "J" Sand (8068'-8090')

J-Sand Perfs 8068' - 8090'



Base of Fox Hills @
1,894'

Squeeze perfs @ 2063
Squeeze Fox Hills
with 290 sx cement, leave
75' cement in the casing

TD'