

NOBLE ENERGY INC.
AUSTYN J09-05
NWNW 9-5N-66W
1046 FNL & 1043 FWL
WELD COUNTY, CO
Wattenberg
PROPOSED WELLBORE SCHEMATIC
for P&A
Date: 4/10/17
Drawing not to scale

API: 05-123-23260

GL Elev: 4759'
 KB Elev: 4775'

Spud Date: 1/13/2006

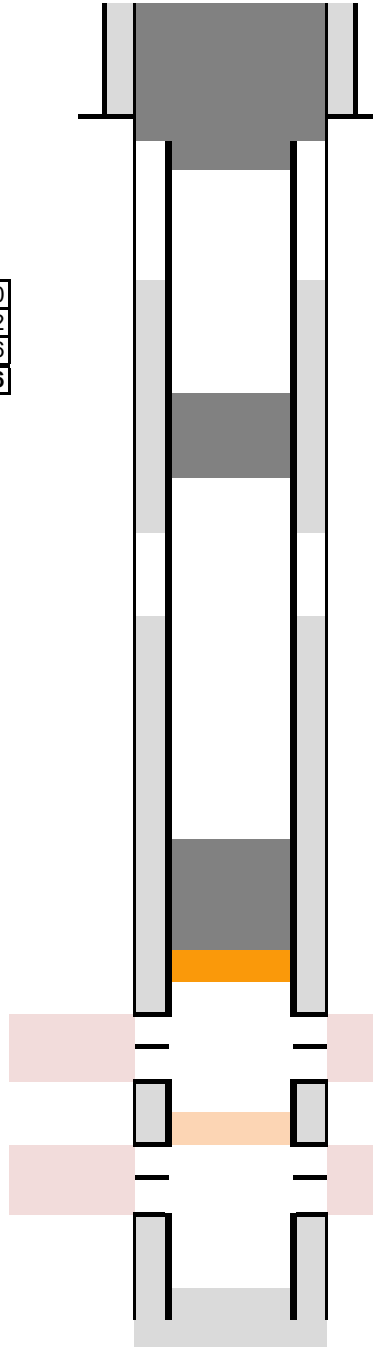
Surface Casing:
 8.625" 24# J-55 @ 586' KB
 Cement: 410 sx
 TOC: Surface

Water Well	500	700
FH:	312	512
Sfc Casing	586	786
Min. shoe plug depth:		786

TOC @ 1760'

Nio Log Top: 7058'

Production Casing:
 4.5" 11.6# M-80 @ 8010' KB
 Cement: 840 sx
 TD: 1/18/2006



Cut surface casing off 6'-8' below surface.

TOC @ Surface

Cut production casing @ 786'
Pump 295sx cement @ 836' (50' into casing top)

Pump 40sx Cement @ 2500'
TOC: 2000'

TOC: 6858'
Set CIBP @ 7294' w/ 40sx cement on top

Codell Perforations: 7344-7360' w/ 40sx cement on top

Existing CIBP @ 7775'

J-Sand Perforations: 7826-7882' w/ 40sx cement on top

TD: 8030' KB

LEGEND	
Existing Cement	Grey
New Cement	Dark Grey
CICR	Green
CIBP	Orange
Existing BP	Light Orange
Sand Plug	Light Green