

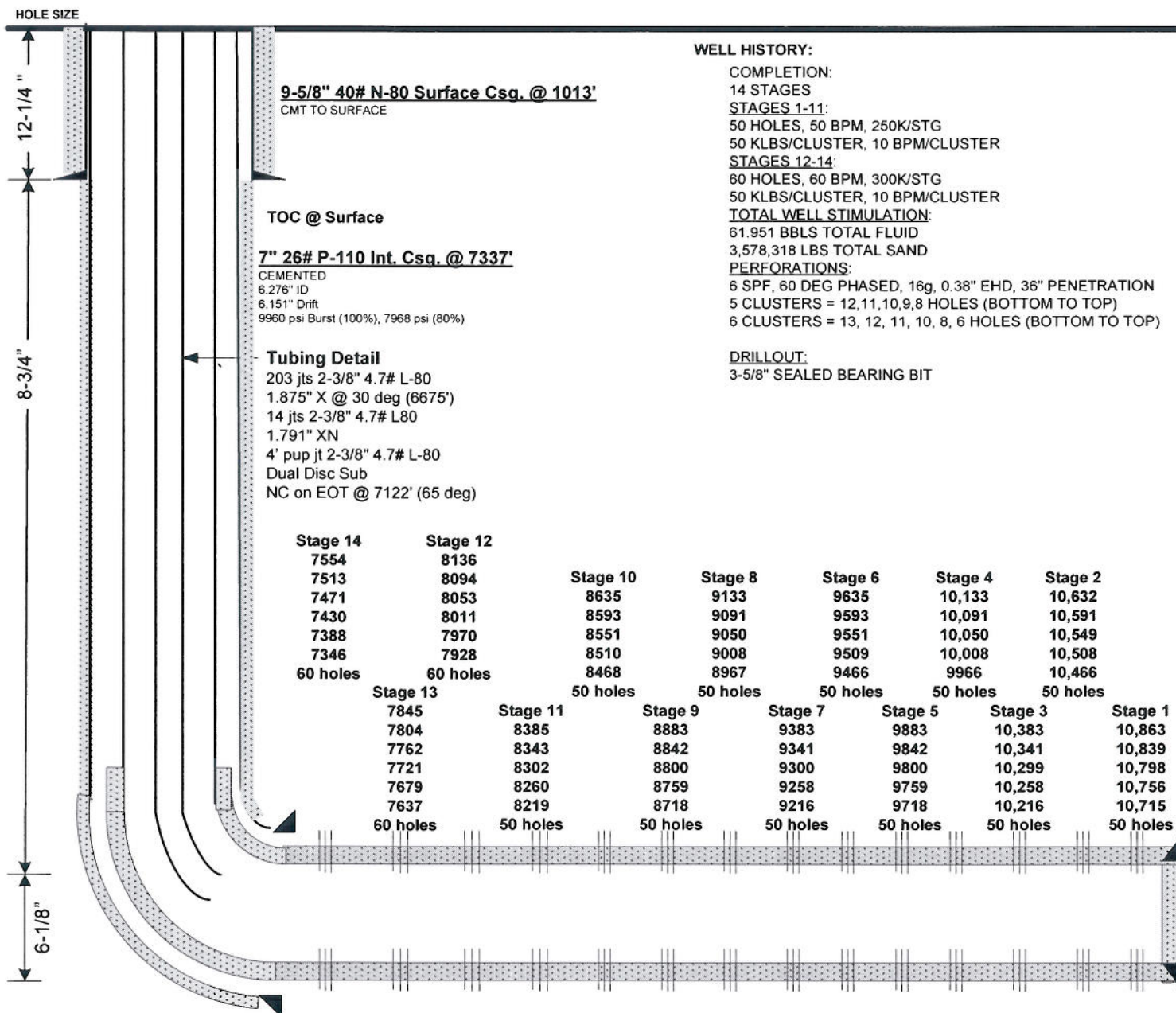
Current Wellbore Schematic

EnCana Oil & Gas (USA) Inc.



WELL : Grattan 4A-30H – Cemented Perf/Plug
 LOCATION : Lat: 40.104020 Long: -104.585910
 COUNTY : WELD STATE: CO
 FIELD : Wattenberg - NIOBRARA
 ELEVATION : 4933' (GL) 4946' (KB) Δ 13'

SPUD DATE: 2/29/12
 COMPL. DATE: April 16, 2012
 API #: 05123343690000



WELL HISTORY:

COMPLETION:

14 STAGES

STAGES 1-11:

50 HOLES, 50 BPM, 250K/STG

50 KLBS/CLUSTER, 10 BPM/CLUSTER

STAGES 12-14:

60 HOLES, 60 BPM, 300K/STG

50 KLBS/CLUSTER, 10 BPM/CLUSTER

TOTAL WELL STIMULATION:

61,951 BBLS TOTAL FLUID

3,578,318 LBS TOTAL SAND

PERFORATIONS:

6 SPF, 60 DEG PHASED, 16g, 0.38" EHD, 36" PENETRATION

5 CLUSTERS = 12, 11, 10, 9, 8 HOLES (BOTTOM TO TOP)

6 CLUSTERS = 13, 12, 11, 10, 8, 6 HOLES (BOTTOM TO TOP)

DRILL OUT:

3-5/8" SEALED BEARING BIT

Directional Data

KOP: 6450'

30°: 6675'

60°: 7040'

80°: 7320'

90°: 7500'

Max DLS: 18.3°/100' @ 7303' MD

4-1/2" 13.5# P-110 DQX Prod. Csg @ 10,948'

CEMENTED

3.920" ID

3.795" Drift

12,410 psi Burst (100%), 9928 psi (80%)

TD: 10,980'

PBTD: 10,880'

TVD: ~7025'

BHT: 240 F

Lateral Length: 3643' (Int. Shoe-TD)

PREPARED BY: JOEL DRAPER

LAST UPDATED: 05/07/12