

Sovereign Operating Company

Gibson #1-25 Wellbore Sketch

Location: Section 25 - 32S - 43W

County: Baca

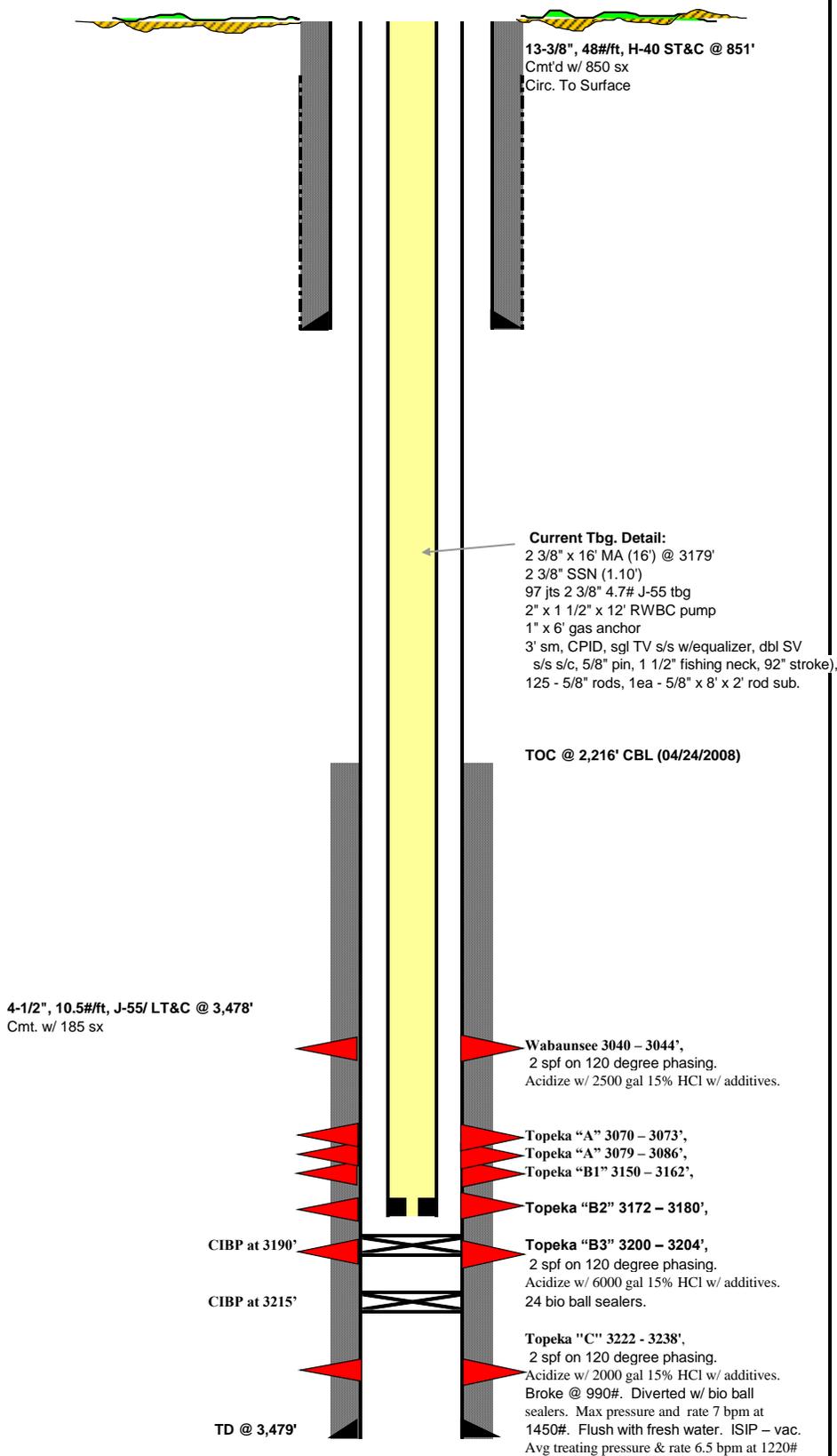
Spud Date: 4/2/08

State: Colorado

Completion Date: 9/05/08

API # 05-009-06646

Revised: 08/11/2015 RJD



13-3/8", 48#/ft, H-40 ST&C @ 851'
Cmt'd w/ 850 sx
Circ. To Surface

Current Tbg. Detail:
2 3/8" x 16' MA (16') @ 3179'
2 3/8" SSN (1.10)
97 jts 2 3/8" 4.7# J-55 tbg
2" x 1 1/2" x 12' RWBC pump
1" x 6' gas anchor
3' sm, CPID, sgl TV s/s w/equalizer, dbl SV
s/s s/c, 5/8" pin, 1 1/2" fishing neck, 92" stroke),
125 - 5/8" rods, 1ea - 5/8" x 8' x 2' rod sub.

TOC @ 2,216' CBL (04/24/2008)

4-1/2", 10.5#/ft, J-55/ LT&C @ 3,478'
Cmt. w/ 185 sx

Wabaunsee 3040 - 3044',
2 spf on 120 degree phasing.
Acidize w/ 2500 gal 15% HCl w/ additives.

Topeka "A" 3070 - 3073',
Topeka "A" 3079 - 3086',
Topeka "B1" 3150 - 3162',

Topeka "B2" 3172 - 3180',

CIBP at 3190'

Topeka "B3" 3200 - 3204',
2 spf on 120 degree phasing.
Acidize w/ 6000 gal 15% HCl w/ additives.
24 bio ball sealers.

CIBP at 3215'

Topeka "C" 3222 - 3238',
2 spf on 120 degree phasing.
Acidize w/ 2000 gal 15% HCl w/ additives.
Broke @ 990#. Diverted w/ bio ball
sealers. Max pressure and rate 7 bpm at
1450#. Flush with fresh water. ISIP - vac.
Avg treating pressure & rate 6.5 bpm at 1220#

TD @ 3,479'

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Proposed P&A Wellbore Diagram

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