

30-015-34184



Rhine 13 Federal #1 – Test San Andres While Plugging Well

Est'd start date: 12/26/11

Well Info:

Spudded 7/21/2005

TD 5,400', 9-5/8", 32# csg set at 911' (cmt'd w/450sx TOC – surf, circ'd) 7", 26# csg set at 5,399' (cmt'd w/900sx TOC – surf, circ'd). Perfs: 5,010'-5,022'.

1. MIRU plugging company. NU BOP.

2. Plug 1 (7" csg): Set CIBP @ 4,970' w/^{35' if dump bail or 25 sx min.}~~50'~~ cmt plug (class C) on top.

3. Circ hole w/plugging mud.

4. Plug 2 (7" csg): Set ^{130'}~~50'~~ cmt plug (class C) fr/^{3965-3835'}~~3,225'-3,275'~~. Tag.

5. Perf San Andres zone from ~1,856'-1,943' (proposed), acidize and evaluate for production or further stimulation. If not commercial continue with plugging of well as follows.

6. Plug 3 (7" csg): Set CIBP @ 1,820' w/^{35' if dump bail or 25 sx min.}~~50'~~ cmt plug (class C) on top.

7. Plug 4 (7" csg): Set ^{100'}~~60'~~ cmt plug (class C) fr/⁹⁶⁶⁻⁸⁶⁶~~880'-940'~~. Tag.

* Plug 5 (7" csg): Set ^{Spot 100' plug 500-400' (DVT) Tag}~~60'~~ cmt plug (class C) fr/surf to 60'. Tag

9. Cut off well head. Weld on dry hole marker. Clean location.

-Notify appropriate agency 48 hrs. prior to commencing operation.
(BLM-Carlsbad (575- 234-5972) or NMOCD-Hobbs (505-393-6161))

D. Patrick Darden, PE #75593

DPD



Rhine 13 Fed #1

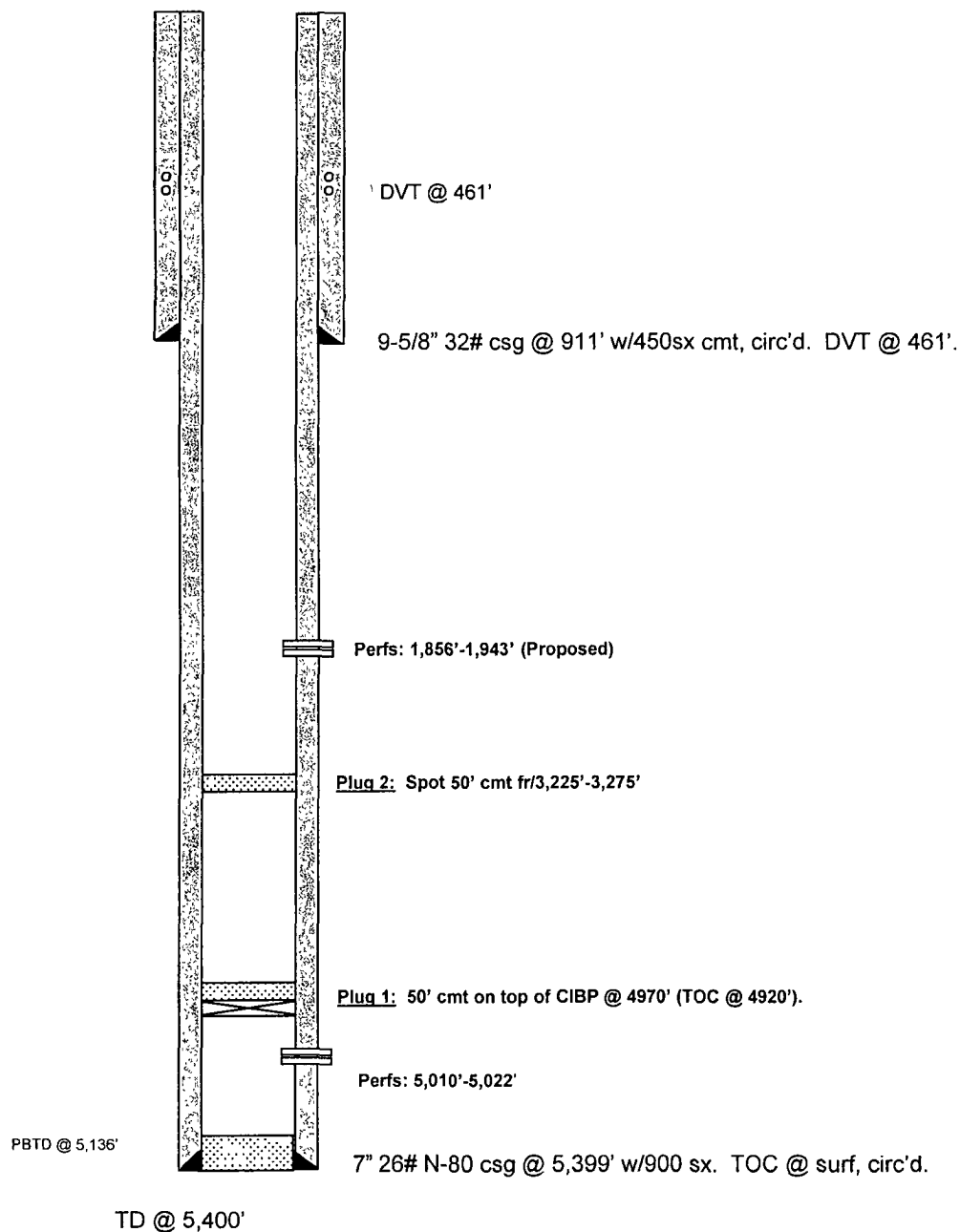
Wellbore Condition after PB to SA

Location: 1680' FSL & 150' FEL SEC 13, T17S, R24E

FIELD: Collins Ranch, Northeast (Wolfcamp)
COUNTY: Eddy
STATE: NEW MEXICO

GL: 3666'
KB: 3684'
SPUD DATE: 7/21/05

DATE: 11/29/2011
BY: D P Darden
API No: 30-015-34184





Rhine 13 Federal #1 – P&A Procedure

Est'd start date: 12/26/11

Well Info:

Spudded 7/21/2005

TD 5,400', 9-5/8", 32# csg set at 911' (cmt'd w/450sx TOC – surf, circ'd) 7", 26# csg set at 5,399' (cmt'd w/900sx TOC – surf, circ'd). Perfs: 5,010'-5,022'.

1. MIRU plugging company. NU BOP.

2. Plug 1 (7" csg): Set CIBP @ 4,970' w/ ^{35' it dump bail or 25 sx min} ~~50'~~ cmt plug (class C) on top.

3. Circ hole w/plugging mud.

4. Plug 2 (7" csg): Set ^{130'} ~~50'~~ cmt plug (class C) fr/ ^{3965-3835 (Glorieta)} ~~3,225' 3,275'~~ Tag.

5. Plug 3 (7" csg): Set CIBP @ 1,820' w/ ^{35' it dump bail or 25 sx min} ~~50'~~ cmt plug (class C) on top.

6. Plug 4 (7" csg): Set ^{100'} ~~60'~~ cmt plug (class C) fr/ ⁹⁶⁶⁻⁸⁶⁴ ~~880' 940'~~ Tag.

* Spot 100' plug 500-400' (DVT) Tag

7. Plug 5 (7" csg): Set 60' cmt plug (class C) fr/surf to 60'.

8. Cut off well head. Weld on dry hole marker. Clean location.

-Notify appropriate agency 48 hrs. prior to commencing operation.

(BLM-Carlsbad (575- 234-5972) or NMOCD-Hobbs (505-393-6161))



Rhine 13 Fed #1

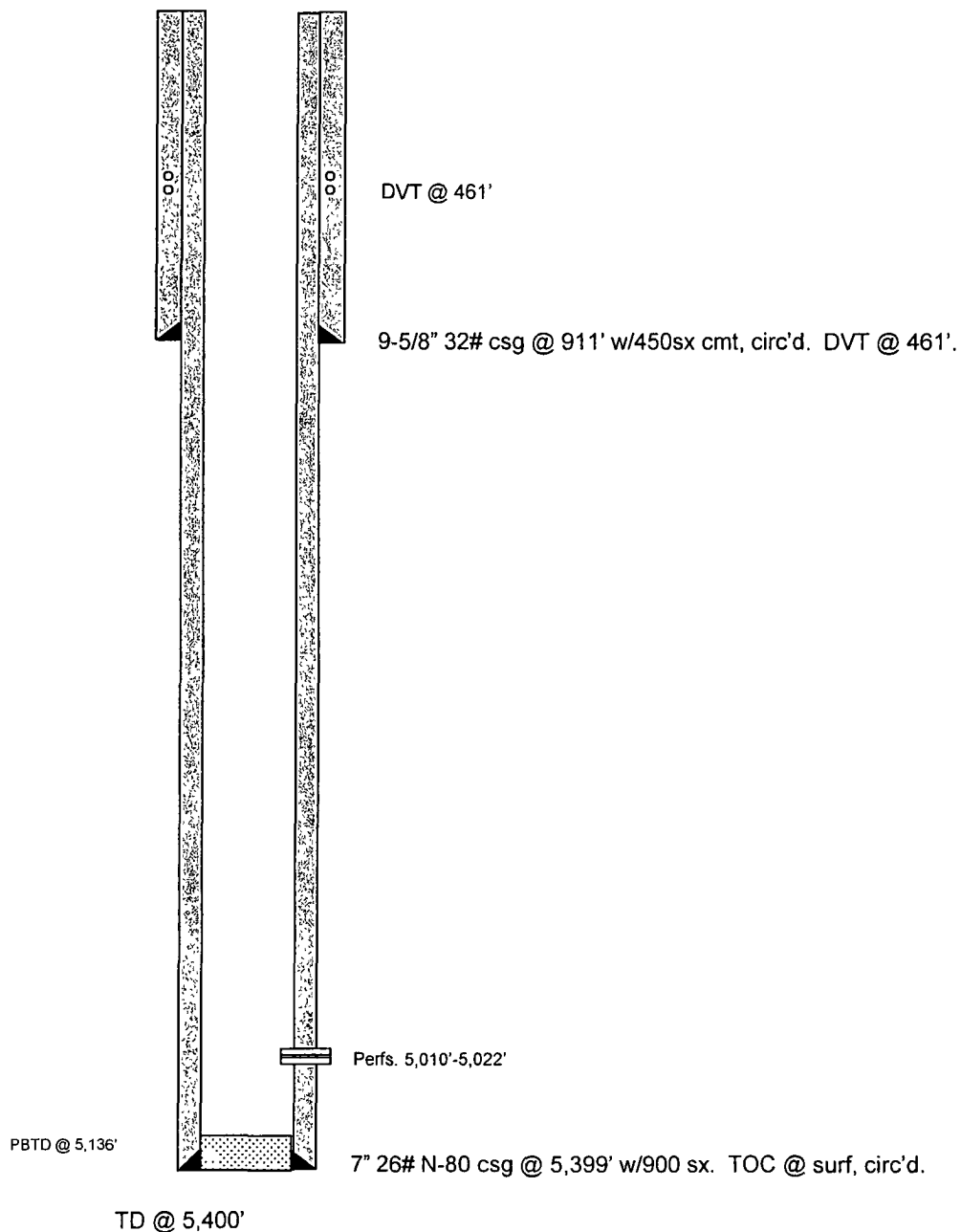
Current Wellbore Condition

Location: 1680' FSL & 150' FEL SEC 13, T17S, R24E

FIELD: Collins Ranch, Northeast (Wolfcamp)
COUNTY: Eddy
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Wellbore Condition after P&A

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