

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

HOBBS OCD

OIL CONSERVATION DIVISION

MAR 01 2013
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

WELL API NO. 30-025-05362
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Lovington San Andres Unit
8. Well Number: 20
9. OGRID Number: 24133
10. Pool name or Wildcat Lovington Grayburg San Andres

4. Well Location Unit Letter <u>P</u> : <u>660</u> feet from the <u>South</u> line and <u>660</u> feet from the <u>East</u> line Section <u>31</u> Township <u>16-S</u> Range <u>37-E</u> NMPM County <u>Lea</u>	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3817' KB
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12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

TD-5103' PBTD - 5103' OH-4595' - 5100'
13" 40# csg @ 20' w/20 sks, 15" hole, TOC: Surface
8-5/8" 28# csg @ 2099' w/475 sks, 11" hole, TOC: 626'
5-1/2" 17# csg @ 4605' w/450 sks, 6-1/4" hole, TOC: Surface

1. MIRUWSU. NDWH. NUBOP.
2. Remove Packer @ 4597'
3. Set CIBP @ 4575' w/25 sks of C cement.
4. Circulate well with 9.5 PPG plugging mud. Pressure Test casing to 500 psi and record/report findings.
5. Set Plug w/30 sks of C cement @ 3280 - 3080', CTOC. WOC & TAG, (Bottom of Salt)
6. ~~Perf & Set~~ w/ 30 sks of C cement @ ~~2220~~ - 2020', CTOC. WOC & TAG (Shoe & Top of Salt)
7. Perf & Circulate 100 sks of C cement @ 300' to Surface, (Shoe)
8. Cut off wellhead and anchors 3' below grade. Weld on dry hole marker. Clean location.

The Oil Conservation Division Must be notified
24 hours prior to the beginning of plugging operations.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE [Signature] TITLE Representative DATE 02/26/2013

Type or print name Robert Holden E-mail address: rholden@keyenergy.com PHONE: 432-523-5155

For State Use Only

APPROVED BY: [Signature] TITLE Compliance Officer DATE 3/1/2013

Conditions of Approval (if any)

MAR 04 2013

Wellbore Diagram
CURRENT
Lovington San Andres Unit # 20

Created: 08/29/12 By: S Anderson
 Updated: By:
 Updated: By:
 Updated: By:
 Lease: Lovington San Andres Unit
 Field: Vacuum (Grayburg-San Andres)
 Surf. Loc.: 660' FSL & 660' FEL
 Bot. Loc.:
 County: Lea St.: NM
 Status: TA'd Injection well

Well #: 20 St. Lse: B-7896
 API: 30-025-05362
 CHEVNO: FA6489
 SE/4 of SE/4
 Unit Ltr.: P Section: 31
 TSHR/Rng: 16S / 37E
 Unit Ltr.: Section:
 TSHR/Rng:
 Directions:

Surface Casing

Size: 13"
 Wt., Grd.: 40#
 Depth: 20'
 Sxs Cmt: 20 sx
 Circulate: by calc
 TOC: Surface
 Hole Size: 15"

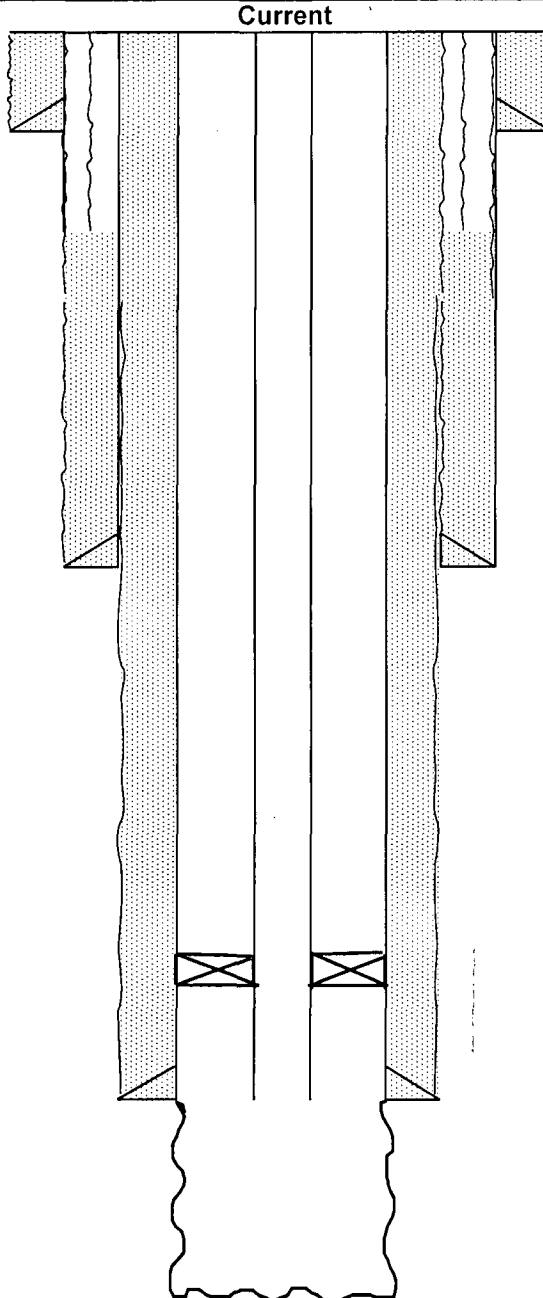
Tops	
T/San Andres	4640'

Intermediate Casing

Size: 8-5/8"
 Wt., Grd.: 28#
 Depth: 2,099
 Sxs Cmt: 475 sx
 Circulate: by Calc
 TOC: 626
 Hole Size: 11"

Production Casing

Size: 5-1/2"
 Wt., Grd.: 17#
 Depth: 4605'
 Sxs Cmt: 450 sx
 Circulate: by Calc
 TOC: Surface
 Hole Size: 6-1/4"



KB: 3817'
 DF: 3816'
 GL:
 Ini. Spud: 11/29/45
 Ini. Comp.: 01/16/46

Initial Completion:

Well History:

1-15-49: Acid OH 4595-44945w/ 2K G 15% HC Acid
6-24-92: Drill to 5100; Acid OH 4595-5100' w/ 15 tons CO2 & 6K G 20% NEFE; 5-1/2" Baker AD-1 pkr set @ 4497'; Well CTInj
4-7-94: Acid OH 45655-5100' w/ 400 G 15% NEFE
6-21-02: Shot squeeze holes @ 2286-2287; pumped 1055 sxs w/ returns to surface from production and surface casing annulus; drilled out cement to 5103; rand inj pkg to 4497
9-11-92: 5" Baker AD-1 pkr set @ 4591'
1-26-09: Test csg to 540 psi for 30 mins. Well TA'd.

5-1/2" Baker AD-2 pkr @ 4,497'

Tubing: 137 jts 2-3/8"

OH: 4605' - 5103'

PBTD: 5,103
 TD: 5,103

**Wellbore Diagram
PROPOSED
Lovington San Andres Unit # 20**

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 Updated: By:
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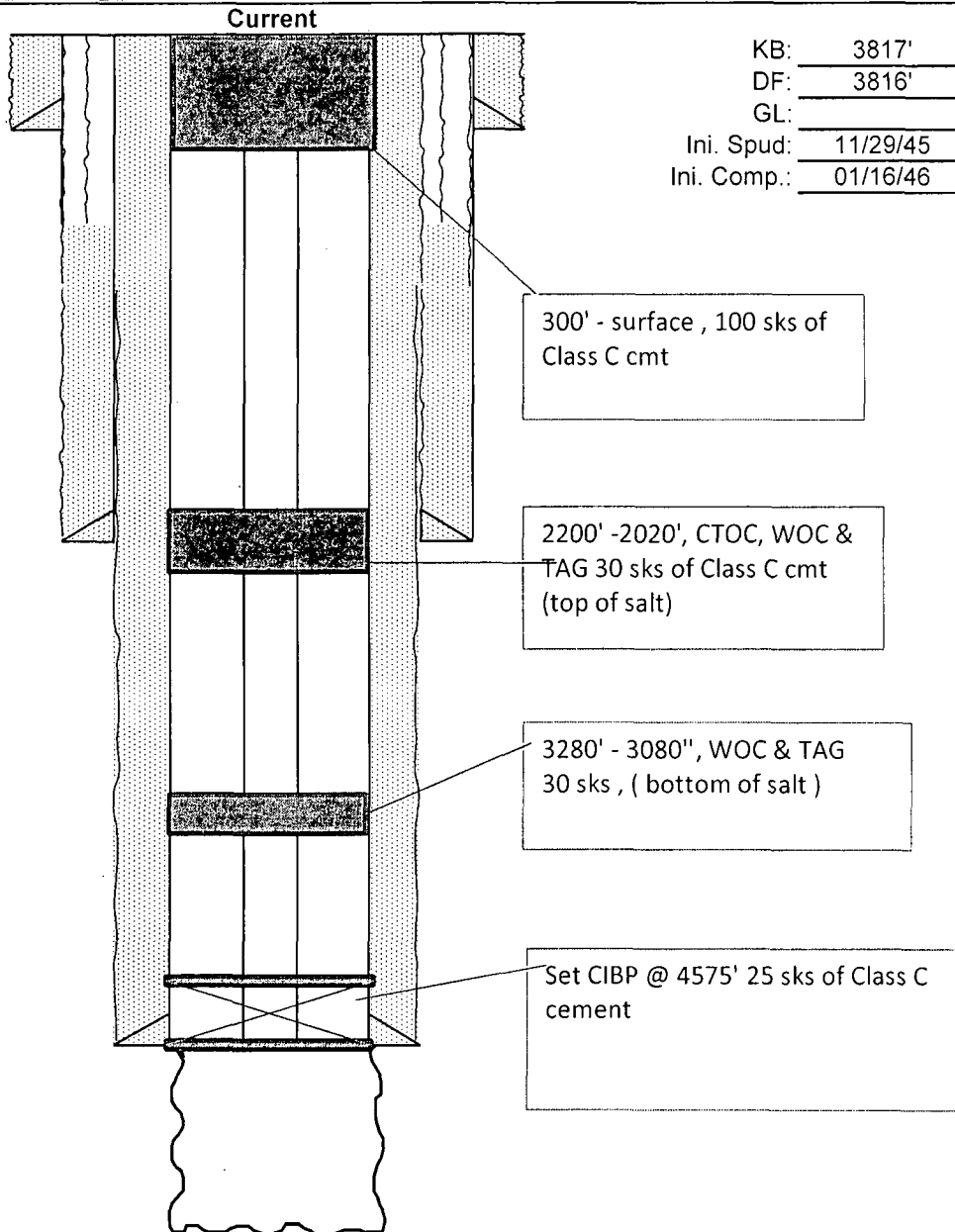
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 Hole Size: 6-1/4"



PBTD: 5,103
 TD: 5,103

LSAU #20

C-144 CLEZ P&A Rig Lay out



Well Head

