

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

OIL CONSERVATION DIVISION

1220 S. St. Francis Dr.
Santa Fe, NM 87505

RECEIVED
OCT 10 2012

WELL API NO. 30-025-05360 ✓	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Lovington San Andres Unit ✓	
8. Well Number: 16 ✓	
9. OGRID Number: 241333 ✓	
10. Pool name or Wildcat Lovington Graybrg San Andres	
4. Well Location Unit Letter <u>J</u> : 1980 feet from the <u>South</u> line and <u>2310</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.)	

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-4950' PB-4904' OH-4603'-4945'
13" 35# csg @ 294' w/200 sx, 17-1/2" hole, TOC: Surface
8-5/8" 32# csg @ 3005' w/500 sx, 10-1/4" hole, TOC:
5-1/2" 17# csg @ 4603' w/200 sx, 6-1/4" hole, TOC:

1. MIRUWSU. NDWH. NUBOP.
2. Set CIBP @ 4525' w/25 sx of C cement.
3. Circulate well with 9.5 PPG plugging mud. Pressure Test casing to 500 psi and record/report findings.
4. Perf & Sqz 40 sx of C cement @ 3055' CTOC. WOC & TAG
5. Perf & Sqz 35 sx of C cement @ 2100' CTOC. WOC & TAG
6. Perf & Circulate 110 sx of C cement @ 350' to Surface.
7. Cut off wellhead and anchors 3' below grade. Weld on dry hole marker. Clean location.

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 10/10/12

Type or print name Matthew Brewer E-mail address: mbrewer01@keyenergy.com PHONE: 432-523-5155

For State Use Only

APPROVED BY: [Signature] TITLE Dist Mgr DATE 10-11-2012

Conditions of Approval (if any):

OCT 11 2012

Oil Conservation Division - Hobbs office Must be Notified
24 hours prior to the beginning of Plugging Operations begin.

CURRENT
WELLBORE DIAGRAM
LSAU 16

Created: 8/25/2008
Updated:
Lease: Lovington San Andres
Surf Location: 1980' FSL & 2310' FEL
BH Location:
County: Lea
Current Status: Active Water Injector
State: NM

By: da Silva
By:
CHEVNO: FA6487
KB:
DF:
GL:

Field: Lovington
Well No.: 16
Twp/Rng: 16S 37E
Unit Ltr & Section: J/31
API: 30-025-05360
Original Spud Date: Nov 5 1939
Original Compl. Date: Dec 6 1939
Formation: San Andres

Surface Csg.

Size: 13"
Wt.: 35#/ft
Set @: 294'
Sxs cmt: 200
Circ: YES
TOC: Surf
Hole Size: 17-1/2"

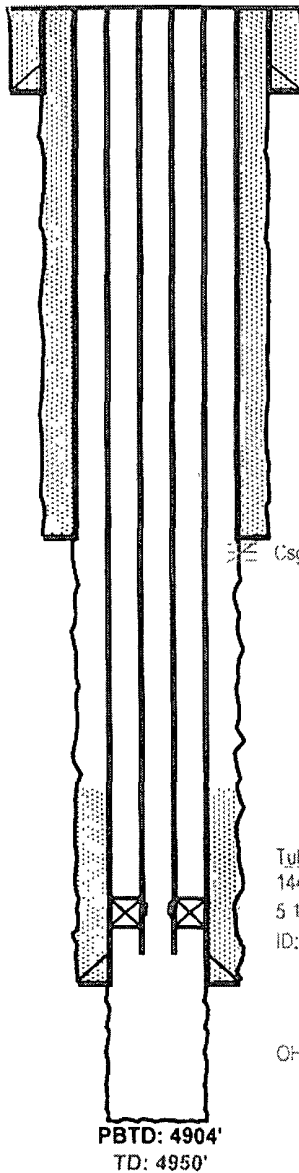
Intermediate Csg.

Size: 8-5/8"
Wt.: 32#/ft
Set @: 3005'
Sxs Cmt: 500sx 4% Aquagel cmt
Circ: NO
TOC:
Hole Size: 10-1/4"

Production Csg.

Size: 5-1/2"
Wt.: 17#
Set @: 4603'
Sxs Cmt: 200
Circ:
TOC:
Hole Size: 6-1/4"?

Open Hole: 4603-4945'
Size:



WORKOVER HISTORY

12/19/05: Returned well to injection @ 23 BWIPD and 1900 psig
11/21/05: TA WIW
4/25/97: Repair csg leak: Isolate hole bt 3005-36' Set RBP @ 4510'. Pump 215 sxs HAI, light and tail w/ 100 sxs class C neat, WOC and DO. Rerun injection pkr and tbg Set AD-1 pkr @ 4455'. Pressure to 355# and run 30 min chart. OK: RTI
6/14/91: Acidize: A w/ 3K gals 20% HCl acid and 15 tons CO2. Well would not flow back. I look up on injection.
3/16/63: Convert to WIW. Ran 2" tbg w/ Baker model "A" tension pkr w/ 15K tension. IP 461 BOPD 0 BWPD.

Csg leak sqz w/ 315 sxs cmt

Tubing string details (4/17/97)
144 jts 2-3/8" 8 rd FUE J-55 IPC thg
5 1/2" Baker AD-1 pkr @ 4455'
ID: 1.0587

OH 4805-4904'

PBTD: 4904'
TD: 4950'

**PROPOSED
WELLBORE DIAGRAM
LSAU 16**

Created: 8/25/2008
 Updated: _____
 Lease: Lovington San Andres
 Surf Location: 1980' FSL & 2310' FEL
 BH Location: _____
 County: Lea
 Current Status: TA'd Water Injector
 State: NM

By: da Silva
 By: _____
 CHEVNO: FA6487
 KB: _____
 DF: _____
 GL: _____

Field: Lovington
 Well No.: 16
 Twp/Rng: 16S 37E
 Unit Ltr & Section: J/31
 API: 30-025-05360
 Original Spud Date: 11/5/1939
 Original Compl. Date: 12/6/1939
 Formation: Greyburg/San Andres

Surface Csg.

Size: 13"
 Wt: 35#/ft
 Set @: 294'
 Sxs cmt: 200
 Circ: YES
 TOC: Surf
 Hole Size: 17-1/2"

Perf & Circ @
350' w/100 sx

Intermediate Csg.

Size: 8-5/8"
 Wt.: 32#/ft
 Set @: 3005'
 Sxs Cmt: 500sx 4% Aquagel cmt
 Circ: NO
 TOC: _____
 Hole Size: 10-1/4"

Perf & Sqz @
2100' w/35 sx
WOC/TAG

Production Csg.

Size: 5-1/2"
 Wt.: 17#
 Set @: 4603'
 Sxs Cmt: 200
 Circ: _____
 TOC: _____
 Hole Size: 6-1/4"?

Perf & Sqz @
3055' w/40 sx
WOC/TAG

Open Hole:
Size: 4603-4945'

Set CIBP @
4525' w/25 sx

WORKOVER HISTORY

12/19/05: Returned well to injection @ 23
BWIPD and 1900 psig
 11/21/05: TA WJW
 4/25/97: Repair csg leak: Isolate hole bt 3005-
36'. Set RBP @ 4510'. Pump 2 1/5 sxx HAL light
and tail w/ 100 sxs class C neat WOC and DO.
Rerun injection pkr and tbq. Set AD-1 pkr @
4455'. Pressure to 355# and run 30-min chart.
OK. RTT
 6/14/91 Acidize: A w/ 3K gals 20% NEFe acid
and 15 tons CO2. Well would not flow back.
Hook up on injection.
 Convert to WIW: Ran 2" tbq w/ Baker
model "A" tension pkr w/ 15K tension.
IP 461 BOPD 0, BWPD.

Csg leak sqz w/315 sx cmt

Tubing String Details (4/17/97)
 5-1/2" Baker AD-1 pkr @ 4455'
 ID: 1.958?
 144 jts 2-3/8" 8 rd EUE J-55 IPC tbq

OH 4605-4904'

PBTD: 4904'
 TD: 4950'

[illegible]

All circulating systems to be inspected DAILY during drilling operations.

*Any leak of the steel tanks, lines or pumps shall be reported to the NMOCD and repaired within 48 hours.

New Mexico Daily Circulating System Inspection - Closed loop