

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 July 18, 2013

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. <b>30-025-31543</b>
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>Chevron Midcontinent, L.P.</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>6301 Deauville Blvd Midland, Texas 79706</b>		7. Lease Name or Unit Agreement Name <b>Lovington San Andres Unit</b>
4. Well Location Unit Letter <b>E</b> : <b>1582</b> feet from the <b>North</b> line and <b>381</b> feet from the <b>West</b> line Section <b>31</b> Township <b>16 S</b> Range <b>37</b> NMPM County <b>Lea</b>		8. Well Number <b>77</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3830' GR</b>		9. OGRID Number <b>241333</b>
10. Pool name or Wildcat <b>Lovington Grayburg SA</b>		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

Please see attached procedure for well abandonment details.

**4" Dia 4' tall above ground marker**

**See attached conditions of approval**

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 Hayes Thibodeaux TITLE Engineer DATE 8/8/2022

Type or print name Hayes Thibodeaux E-mail address: Hayes.Thibodeaux@chevron.com PHONE: 281-726-9683

**For State Use Only**

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 8/15/22  
 Conditions of Approval

## Plugging Plan – Lovington San Andres Unit #77

API: 30-025-31543

## Note:

- Active Oil well w/ rods & tubing, perforations 4688' – 5035', top of San Andres at 4618'.

**Proposed procedure – Lay down rig + CTU**

1. Move in Axis 34 Lay Down rig package
2. N/U BOPE and pressure test same to 250 psi low for 5 minutes / 2500 psi high for 10 minutes.
3. Pull rods & tubing.
4. Gauge ring run will be required unless the TAC is removed from the wellbore.
5. RIH with CIBP and set at proposed depth in C-103 (4618')
6. Pressure test mech. barrier + casing to 500 psi for 15 minutes. Document results in WellView.
7. Conduct bubble tests on all annuli. If bubble test fails, communicate to coiled tubing WSR for planning purposes.
8. Rig down Axis 34 lay down rig.

**Proposed procedure - Coiled Tubing Unit**

9. R/U coiled tubing P&A package
10. N/U BOPE and pressure test same to 250 psi low for 5 minutes / 2500 psi high for 10 minutes.
11. RIH with coiled tubing to tag existing mechanical barrier in wellbore
12. Spot 32 sacks Class C cement from 4618' to 4295'.
13. Spot 25 sacks Class C cement from 3960' to 3710'.
14. Spot 25 sacks Class C cement from 2180' to 1930'.
15. Spot 25 sacks Class C cement from 1385' to 1135'.
16. Conduct bubble test on 5-1/2" x 8-5/8"
  - a. If any bubble test fails, consider running CBL to confirm TOC (*reportedly* at surface) and identify additional depths to perf/squeeze OR cut/pull casing
17. If bubble test fails, consider transitioning directly to casing cutting & pulling. Discuss forward plan with NMOCD engineer for approval.
  - a. Cut casing will require a stub plug 50' inside of cut casing extending 50' above the cut portion at a minimum. WOC, tag, pressure test barrier. Proceed with approved C-103 if passing bubble test is achieved.
18. Spot 25 sacks Class C cement from 250' to 0'.
19. Confirm cement returns at surface
20. Rig down move off location

## Wellbore Diagram

Created: 04/24/19 By: \_\_\_\_\_  
 Updated: \_\_\_\_\_ By: \_\_\_\_\_  
 Lease: Lovington San Andres Unit  
 Field: Lovington  
 Surf. Loc.: 1582 FNL & 381 FWL  
 Bot. Loc.: \_\_\_\_\_  
 County: Lea St.: NM  
 Status: \_\_\_\_\_

Well #: 77 St. Lse: \_\_\_\_\_  
 API: 30-025-31543  
 Unit Ltr.: E Section: 31  
 TSHP/Rng: 16S-37E  
 Unit Ltr.: \_\_\_\_\_ Section: \_\_\_\_\_  
 TSHP/Rng: \_\_\_\_\_  
 Directions: Lovington, NM  
 Chevno: QU2932

## Surface Casing

Size: 8-5/8"  
 Wt., Grd.: 24#  
 Depth: 1335'  
 Sxs Cmt: 500  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 12-1/4"

Cement from 250' to surface

KB: \_\_\_\_\_

DF: \_\_\_\_\_

GL: 3,831

Ini. Spud: 07/05/92

Ini. Comp.: 08/05/92

## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 15.5#  
 Depth: 5173'  
 Sxs Cmt: 1125  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 7-7/8"

Isolate 8-5/8" shoe  
 Cement from 1385' to 1135'

Isolate Salt, Rustler  
 Cement from 2180' to 1930'

Isolate Queen  
 Cement from 3960' to 3710'

Isolate San Andres, Grayburg  
 Cement from 4618' to 4295'  
 (100' above formation top)  
 Barrier #1: CIBP set at +/- 4618'

Rustler	2,065
Salt	2,180
Tansil	n/a
Seven Rivers	3,343
Queen	3,960
Grayburg	4,395
San Andres	4,618

Perfs: 4688' - 5035'

PBDT (est.): 5,146

TD: 5,173

Deepened: \_\_\_\_\_

**CONDITIONS OF APPROVAL  
FOR PLUGGING AND ABANDONMENT  
OCD - Southern District**

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, Notify NMOCD District Office I (Hobbs) at (575)-263-6633 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down.

**Company representative will be on location during plugging procedures.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal - commercial or private- shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water will not be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.
16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).

19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
- A) Fusselman
  - B) Devonian
  - C) Morrow
  - D) Wolfcamp
  - E) Bone Springs
  - F) Delaware
  - G) Any salt sections
  - H) Abo
  - I) Glorieta
  - J) Yates.
  - K) Potash---(In the R-111-P Area (Potash Mine Area),

A solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, woe 4 hours and tag, this plug will be SO' below the bottom and 50' above the top of the Formation.

21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, woe and tagged. These plugs will be set SO' below formation bottom to 50' above formation top inside the casing.

### **DRY HOLE MARKER REQ.UIRMENTS**

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least 1/4" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name
2. Lease and Well Number
3. API Number
4. Unit letter
5. Quarter Section (feet from the North, South, East or West)
6. Section, Township and Range
7. Plugging Date
8. County

### **SPECIAL CASES -----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS**

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

### **SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION**

## Plugging Plan – Lovington San Andres Unit #77

API: 30-025-31543

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15. Spot 25 sacks Class C cement from 1385' to 1135'.
16. Conduct bubble test on 5-1/2" x 8-5/8"
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 Status: \_\_\_\_\_

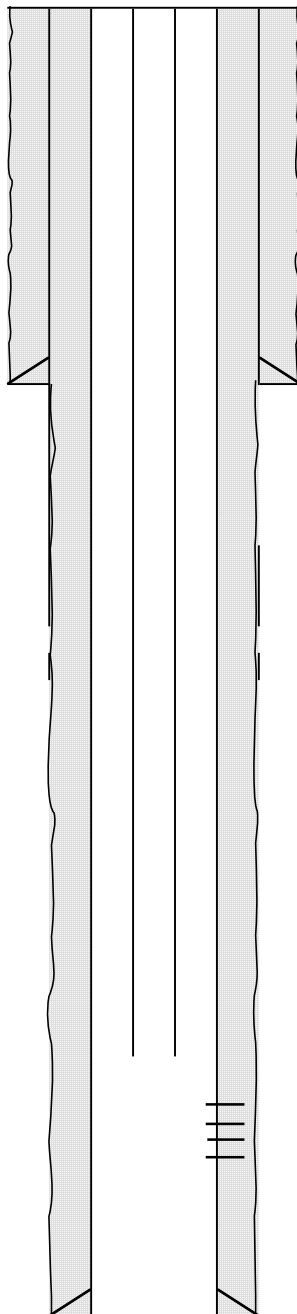
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 Unit Ltr.: \_\_\_\_\_ Section: \_\_\_\_\_  
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 Directions: Lovington, NM  
 Chevno: QU2932

## Surface Casing

Size: 8-5/8"  
 Wt., Grd.: 24#  
 Depth: 1335'  
 Sxs Cmt: 500  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 12-1/4"

## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 15.5#  
 Depth: 5173'  
 Sxs Cmt: 1125  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 7-7/8"



KB: \_\_\_\_\_

DF: \_\_\_\_\_

GL: 3,831

Ini. Spud: 07/05/92

Ini. Comp.: 08/05/92

Tubing Sub - OD 2.875	J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347 Drift	1	10.10	15.00	25.10
Tubing - OD 2.875	J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347 Drift	149	4554.98	25.10	4580.08
Tubing Anchor/Catcher	Tubing Anchor/Catcher 2.875	1	2.90	4565.08	4567.98
Tubing - OD 2.875	J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347 Drift	14	427.79	4567.98	4995.77
Tubing - OD 2.875	Blast Joint 2.875 OD	1	19.00	4995.77	5014.77
Seat Nipple / Shoe	Seat Nipple/Shoe - (2.875) Unknown Type	1	1.10	5029.77	5030.87
Tubing Sub - OD 2.875	Perforated Tubing Sub 2.875	1	4.00	5030.87	5034.87
Tubing - OD 2.875	Unknown Grade/Thread/Weight 2.875 OD	1	4.00	5030.87	5034.87
Tubing - OD 2.875	Unknown Grade/Thread/Weight 2.875 OD	1	4.00	5030.87	5034.87
Tubing - OD 2.875	Unknown Grade/Thread/Weight 2.875 OD	1	4.00	5030.87	5034.87
Perforation Hole/Slot Detail	Tubing Perforation	1	4.00	5030.00	5034.00
Rod	1.000 (1 in.) (Unknown) x 25 Rod	1	25.00	15.00	40.00
Rod	0.990 (1 in.) FG x 37.5 Rod	65	2437.50	40.00	2477.50
Rod	0.875 (7/8 in.) (Unknown) x 25 Rod	97	2425.00	2477.50	4902.50
Rod	1.000 (1 in.) (Unknown) x 25 Rod	4	100.00	4902.50	5002.50
Rod (Sub)	1.000 (1 in.) (Unknown) Rod Sub(s)	1	2.00	5002.50	5004.50
Shear Tool/Coupling	Shear Tool (0.875) 25,000#	1	0.50	5004.50	5005.00
Rod (Sub)	0.875 (7/8 in.) (Unknown) Rod Sub(s)	1	2.00	5005.00	5007.00
Rod Pump (Insert) (NON-SERIALIZED)	Rod Pump (Insert) (NON-SERIALIZED)	1	15.00	5007.00	5022.00

Perfs: 4688' - 5035'

Rustler	2,065
Salt	2,180
Tansil	n/a
Seven Rivers	3,343
Queen	3,960
Grayburg	4,395
San Andres	4,618

PBTD (est.): 5,146

TD: 5,173

Deepened: \_\_\_\_\_

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 Hole Size: 12-1/4"

Cement from 250' to surface

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## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 15.5#  
 Depth: 5173'  
 Sxs Cmt: 1125  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 7-7/8"

Isolate 8-5/8" shoe

Cement from 1385' to 1135'

Isolate Salt, Rustler

Cement from 2180' to 1930'

Isolate Queen

Cement from 3960' to 3710'

Isolate San Andres, Grayburg

Cement from 4618' to 4295'

(100' above formation top)

Barrier #1: CIBP set at +/- 4618'

Rustler	2,065
Salt	2,180
Tansil	n/a
Seven Rivers	3,343
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Grayburg	4,395
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**District III**  
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Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

COMMENTS

Action 131997

COMMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 131997
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	8/16/2022

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
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Phone:(575) 748-1283 Fax:(575) 748-9720  
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Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
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CONDITIONS  
  
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kfortner	See attached COA	8/15/2022