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

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

Form C-103
Revised July 18, 2013

WELL API NO. 30-025-03930

5. Indicate Type of Lease STATE ☑ FEE ☐

6. State Oil & Gas Lease No. B1429

SUNDRY NOTICES AND REPORTS ON WELLS
(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.)

7. Lease Name or Unit Agreement Name: Lovington Paddock Unit

1. Type of Well: Oil Well ☐ Gas Well ☑ Other Injector

8. Well Number 77

2. Name of Operator: Chevron Midcontinent, L.P.

9. OGRID Number 241333

3. Address of Operator: 6301 Deauville Blvd Midland, Texas 79706

10. Pool name or Wildcat: Lovington Paddock

4. Well Location
Unit Letter A : 660 feet from the North line and 660 feet from the East line
Section 12 Township 17S Range 36E NMPM County Lea

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3837' RKB

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

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| PERFORM REMEDIAL WORK | ☐ | PLUG AND ABANDON | ☑ | REMEDIAL WORK | ☐ | ALTERING CASING | ☐ |
| TEMPORARILY ABANDON | ☐ | CHANGE PLANS | ☐ | COMMENCE DRILLING OPNS. | ☐ | P AND A | ☐ |
| PULL OR ALTER CASING | ☐ | MULTIPLE COMPL | ☐ | CASING/CEMENT JOB | ☐ | | |
| DOWNHOLE COMMINGLE | ☐ | | | | | | |
| CLOSED-LOOP SYSTEM | ☐ | | | | | | |
| 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.

Please see attached procedure for well abandonment details.

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

See Attached
Conditions of Approval

Spud Date: 4/5/1952 Rig Release Date: 6/11/1952

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

SIGNATURE Mark Torres TITLE P&A Engineer DATE 8/22/2022

Type or print name Mark Torres E-mail address: marktorres@chevron.com PHONE: 989-264-2525

**For State Use Only**

APPROVED BY: Kerry Fortner TITLE Compliance Officer A DATE 8/24/22
Conditions of Approva

**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, WOC 4 hours and tag, this plug will be 5O' 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, WOC and tagged. These plugs will be set 5O' 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 ¼" 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

**LPU 77**
**Short Procedure**

**Rig Work** - All cement plugs calculated with 1.32 yield Class C and 1.18 yield Class H. If a different weight/yield is used, recalculate sacks based on depth.

1. Contact NMOCD at least 24 hours prior to performing any work.
2. MIRU pulling unit.
    a. Intrinsically safe fans and H2S scavenger required due to known H2S in the field.
3. Verify pressures and kill well as per SOP/Guidance Document.
    a. Bubble test intermediate and surface casings for 30 minutes each and share results in WellView under daily pressure.
4. N/U BOPE using rubber coated hangers provided by Chevron, and pressure test, 250 psi low and 1,000 psi or MASP (per Chevron operating guidelines) for 5 minutes each.
    a. On a chart, no bleed off allotted.
    b. Contact engineer if unable to unset TAC, do not shear TAC without the BOP N/U first to mitigate any risks of well control events.
5. Establish a mechanical barrier at +/- 6,099'.
    a. Attempt to run gauge ring through IPC tubing to 6,099'.
    b. If successful, plan to set cast iron tubing plug adjacent to packer, pressure test tubing and utilize as work string.
    c. If unsuccessful, plan to release from packer and TOH w/ IPC tubing. Run gauge ring then CIBP and set above packer left in hole.
6. Tag mechanical barrier with pressure tested workstring.
7. Fill well and pressure test casing to 500 psi for 15 minutes if no P&S required or 1,000 psi for 15 minutes if P&S required.
    a. 5% bleed off allotted.
    b. Contact the engineer if pressure test fails, document test results.
8. Spot 25 sx CL "C" Cement f/ 6,099' t/ 5,854' (Perfs).
9. WOC 4 hours.
10. Tag TOC and pressure test casing to 1,500 psi for 15 minutes.
    a. Plug must be at or above 5,999' (100' above CIBP).
    b. **Do not exceed burst pressure of casing.**
11. Spot MLF to appropriate depth to ensure it is spaced out between plugs.
    a. Do not pump MLF past the first perforation because it will be pumped away during the P&S procedure. Also, if the casing failed a pressure test, do not spot MLF until it tests properly.
    b. Continue to place MLF between cement while plugging out of the hole.
12. Spot 25 sx Class "C" Cement f/ 4,758' t/ 4,513' (San Andres).
13. Perforate & Squeeze 93 sx Class "C" Cement f/ 4,281' t/ 3,879' (Grayburg, Queen).
14. Perforate & Squeeze 30 sx Class "C" Cement f/ 3,450' t/ 3,320' (Intermediate csg shoe).
15. Perforate & Squeeze 141 sx Class "C" Cement f/ 1,994' t/ 1,390' (Salt, Rustler).
16. Conduct 30 minute bubble test in all annuli. If bubble test fails discuss contingency CBL run and subsequent perforation/squeeze or casing cut/pull. Confirm forward plan with NMOCD.
    a. Do not plug well to surface until all annuli are passing bubble tests.
17. Perforate & Circulate 84 sx CL "C" Cement f/ 360' to surface (surface shoe, base of fresh water).
18. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker (4" diameter, 4' tall). Clean location.

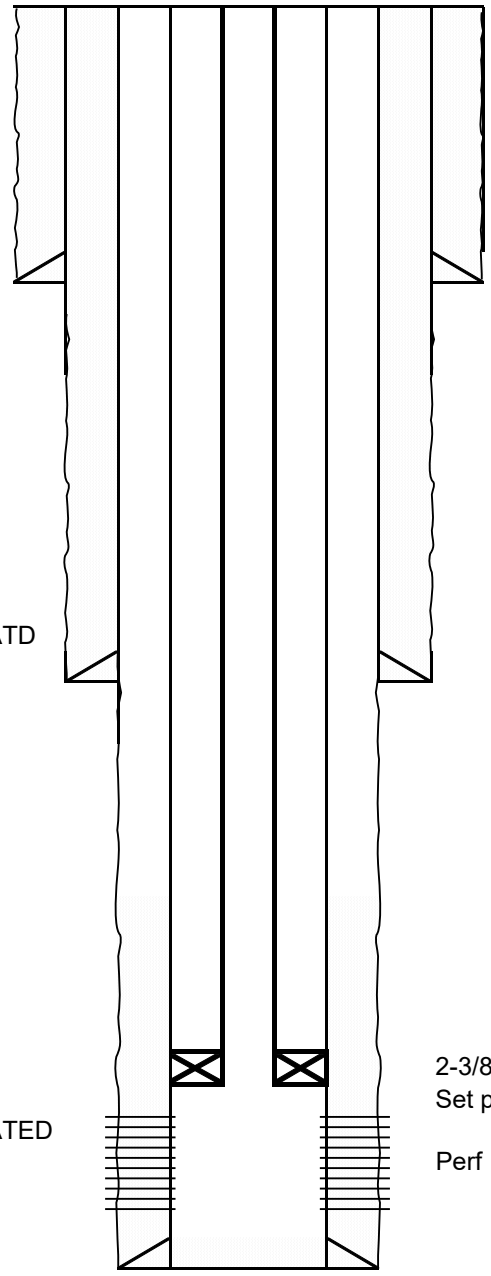
**Current Wellbore Diagram**
LPU 77

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Created: | 08/25/08 | By: | CAYN | Well #: | **77** | St. Lse: | B1429 |
| Updated: | 09/09/08 | By: | CAYN | API | 30-025-03930 | | |
| Lease: | Lovington Paddock | | | Unit Ltr.: | A | Section: | 12 |
| Field: | | | | TSHP/Rng: | 17S 36E | | |
| Surf. Loc.: | 660 FNL 660' FEL | | | Unit Ltr.: | | Section: | |
| Bot. Loc.: | | | | TSHP/Rng: | | | |
| County: | Lea | St.: | NM | Elevation: | 3837' DF | | |
| Status: | Water injection | | | Chevno: | FA5077 | | |

*Surface Casing*
Size: 13 3/8"
Wt., Grd.: 38#
Depth: 310'
Sxs Cmt: 300
Circulate: yes
TOC: Surface
Hole Size: 17 1/2"

*Intermediate Casing*
Size: 8 5/8"
Wt., Grd.: 32#
Depth: 3400'
Sxs Cmt: 1,000
Circulate: Unkown
TOC: Surface CALCULATD
Hole Size: 11"

*Production Casing*
Size: 5 1/2"
Wt., Grd.: 17#
Depth: 6340'
Sxs Cmt: 250
Circulate: Unknown
TOC: 4438' CALCULATED
Hole Size: 7 7/8"



KB:
DF: 3837'
GL:
Ini. Spud: 04/05/52
Ini. Comp.: 06/11/52

2-3/8" IPC Inj Tbg
Set pkr @ 6099'

Perf

PB TD: 6340'
TD: 6363'

**Proposed Wellbore Diagram**
LPU 77

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Created: | 08/25/08 | By: | CAYN | Well #: | **77** | St. Lse: | B1429 |
| Updated: | 09/09/08 | By: | CAYN | API | 30-025-03930 | | |
| Lease: | Lovington Paddock | | | Unit Ltr.: | A | Section: | 12 |
| Field: | | | | TSHP/Rng: | 17S 36E | | |
| Surf. Loc.: | 660 FNL 660' FEL | | | Unit Ltr.: | | Section: | |
| Bot. Loc.: | | | | TSHP/Rng: | | | |
| County: | Lea | St.: | NM | Elevation: | 3837' DF | | |
| Status: | Water injection | | | Chevno: | FA5077 | | |

*Surface Casing*

| | |
|---|---|
| Size: | 13 3/8" |
| Wt., Grd.: | 38# |
| Depth: | 310' |
| Sxs Cmt: | 300 |
| Circulate: | yes |
| TOC: | Surface |
| Hole Size: | 17 1/2" |

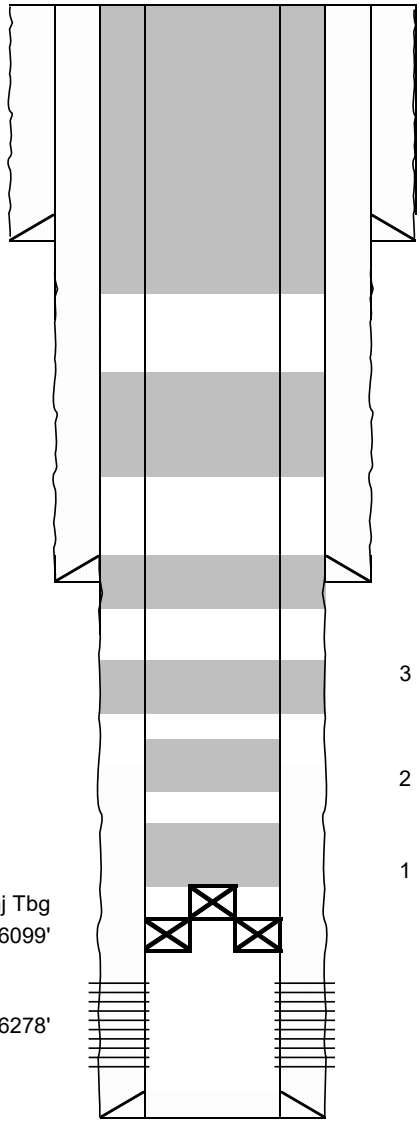
*Intermediate Casing*

| | | |
|---|---|---|
| Size: | 8 5/8" | |
| Wt., Grd.: | 32# | |
| Depth: | 3400' | |
| Sxs Cmt: | 1,000 | |
| Circulate: | Unkown | |
| TOC: | Surface | CALCULATED |
| Hole Size: | 11" | |

*Production Casing*

| | | |
|---|---|---|
| Size: | 5 1/2" | |
| Wt., Grd.: | 17# | |
| Depth: | 6340' | |
| Sxs Cmt: | 250 | |
| Circulate: | Unknown | |
| TOC: | 4438' | CALCULATED |
| Hole Size: | 7 7/8" | |

| Formation | Top Depth (MD) |
|---|---|
| Rustler | 1,890 |
| Salt | 1,994 |
| Tansil | n/a |
| Seven Rivers | 3,270 |
| Queen | 3,979 |
| Grayburg | 4,281 |
| San Andres | 4,758 |
| Glorieta | 6,061 |
| Paddock | 6,154 |




PB TD: 6340'
TD: 6363'

| | |
|---|---|
| KB: | |
| DF: | 3837' |
| GL: | |
| Ini. Spud: | 04/05/52 |
| Ini. Comp.: | 06/11/52 |

Isolate Surface shoe, fresh water
6 Perf & Circulate 84 scks Class C: 360' - 0'

Isolate Salt, Rustler
5 Perf & Squeeze 141 scks Class C: 1,994' - 1,390'

Isolate Intermediate Shoe
4 Perf & Squeeze 30 scks Class C: 3,450' - 3,320'

Isolate Grayburg, Queen
3 Perf & Squeeze 93 scks Class C: 4,281' - 3,879'

Isolate San Andres
2 Spot 25 scks Class C: 4,758' - 4,513'

Isolate Perfs
1 Establish mech barrier @ 6,099'
Spot 25 scks Class C: 6,099' - 5,854'
Min: 5,999' (WOC & tag)

**District I**
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
**District II**
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
**District III**
1000 Rio Brazos Rd., Aztec, NM 87410
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 136227

## COMMENTS

| | |
|---|---|
| Operator:<br>CHEVRON U S A INC<br>6301 Deauville Blvd<br>Midland, TX 79706 | OGRID:<br>4323 |
| | Action Number:<br>136227 |
| | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

**COMMENTS**

| Created By | Comment | Comment Date |
|---|---|---|
| plmartinez | DATA ENTRY PM | 8/24/2022 |

**District I**
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
**District II**
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
**District III**
1000 Rio Brazos Rd., Aztec, NM 87410
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

CONDITIONS

Action 136227

## CONDITIONS

| | |
|---|---|
| Operator:<br>CHEVRON U S A INC<br>6301 Deauville Blvd<br>Midland, TX 79706 | OGRID:<br>4323 |
| | Action Number:<br>136227 |
| | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| kfortner | See attached COA | 8/24/2022 |