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. 30-025-03786
5. Indicate Type of Lease STATE ☑ FEE ☐
6. State Oil & Gas Lease No.

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: 40
2. Name of Operator: CHEVRON MIDCONTINENT, L.P.
9. OGRID Number: 241333
3. Address of Operator: 6301 Deauville BLVD, Midland TX 79706
10. Pool name or Wildcat: [40660] Lovington, Paddock
4. Well Location
Unit Letter O : 810 feet from the SOUTH line and 1980 feet from the EAST line
Section 36 Township 16S Range 36E NMPM County LEA
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: | | | | 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.

Spot 26 sacks Class C cement from 5922' to 5672'.
Spot 44 sacks Class C cement from 4597' to 4171'.
Perforate & squeeze 36 sacks Class C cement from 3872' to 3722'.
Perforate & squeeze 52 sacks Class C cement from 3027' to 2808'.
Perforate & squeeze 118 sacks Class C cement from 2112' to 1612'.
WOC, tag, test to 500 psi. Conduct bubble test. If bubble test fails, discuss add'l perf/squeeze or casing cut/pull. Discuss with NMOCD. Once achieving passing bubble test, proceed to next steps.
Perforate & squeeze 59 sacks Class C cement from 250' to 0'.

4" diameter 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 8/12/2022

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 10/21/22

Conditions of Approval (if any):

575-263-6633

# 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

Plugging Plan – Lovington Paddock Unit #040

API: 30-025-03786

Note:

- Injection well with IPC tubing installed

Proposed procedure:

1. Move in P&A spread, N/U BOPE and pressure test same to 250 psi low for 5 minutes / 2500 psi high for 10 minutes.
2. Conduct bubble tests on all annuli. Adjust forward plan as necessary to perforate and squeeze any intervals listed below with the approval of NMOCD.
3. Pressure test casing/tubing string to 500 psi. If tubing tests, Sunset Well Services has frequently opted to bullhead cement below packer to assist in killing well. If this is selected as path forward, bullhead agreed upon cement volume per NMOCD. WOC. Plan to spot cement plug #1 per C-103 above the packer once released. If tubing does not test, see next job steps.
4. [Option if tubing does not test] Plan to set mechanical plug inside packer profile to form mechanical barrier at 5922'.
    a. Attempt to run gauge ring through IPC tubing to 5922'
    b. If successful, plan to set cast iron tubing plug adjacent to packer
    c. If unsuccessful, plan to release from packer and TOH with IPC tubing. Run gauge ring then CIBP and set above packer left in hole.
5. TIH with pressure tested workstring to tag mechanical barrier
6. Spot 26 sacks Class C cement from 5922' to 5672'.
7. Spot 44 sacks Class C cement from 4597' to 4171'.
8. Perforate & squeeze 36 sacks Class C cement from 3872' to 3722'.
9. Perforate & squeeze 52 sacks Class C cement from 3027' to 2808'.
10. Perforate & squeeze 118 sacks Class C cement from 2112' to 1612'.
11. Conduct 30 minute bubble test in all annuli. Discuss contingency plan for additional perforation and squeezes or casing cut/pull. Confirm forward plan with NMOCD.
12. Once a passing bubble test is achieved, Perforate & squeeze 59 sacks Class C cement from 250' to 0'.
13. Confirm cement returns at surface
14. Rig down move off location

Well: Lovington Paddock Unit #40 Field: Lovington Reservoir: Paddock

**Location:**
810' FSL & 1980' FEL
Section: 36; SW/4 SE/4
Township: 16S
Range: 36E Unit: O
County: Lea State: NM

**Elevations:**
GL: 3833'
KB: 3835'
DF: 3834'

| Log Formation Tops - NA | |
|---|---|
| Salt | 2112' |
| Base Salt | 2908' |
| Yates | 3027' |
| Seven Rivers | |
| Queen | 3872' |
| Grayburg | |
| San Andres | 4597' |
| Glorieta | 5948' |
| Paddock | |
| Abo | |

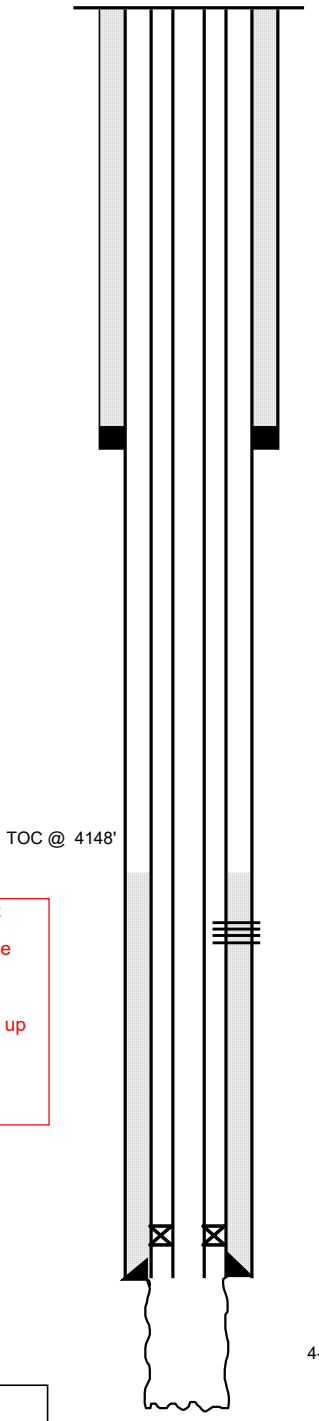
**TUBING DETAIL** -
12/4/1996
2-3/8" IPC J-55 EUE EOT @ 5919',
EOT @ 5919'
AD-1 Pkr 2 5922'

This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office wellfiles and computer databases as of the update below. Verify what is in the hole with the wellfile in the Lovington Field Office. Discuss w/WEO Engineer, WO Rep, OS, ALS, & FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.

**Prod. Csg:** 5 1/2 15.5# J-55
**Set:** 6009' w/265 sx cmt
**Hole Size:** 7 7/8"
**Circ:** No **TOC:** @ 4148'
**TOC By: TS**

**Updated:** 4-4-07 by CHAY

## Current Wellbore Diagram




**TD: 6292' COTD: PBTD:**

By: C.J. Haynie

**Well ID Info:**
Chevno: FA4933
API No: 30-025-03786
L5/L6:
Spud Date: 8-25-53
TD Reached: 10-8-54
Compl. Date: 10-13-53

**Surface Csg:** 8-5/8" 32# J-55
**Set:** @ 2043' w/850 sx cmt
**Hole Size:** 11"
**Circ:** Yes **TOC:** Surf
**TOC By:** Calculation

**Location:**
810' FSL & 1980' FEL
Section: 36; SW/4 SE/4
Township: 16S
Range: 36E Unit: O
County: Lea State: NM

**Elevations:**
GL: 3833'
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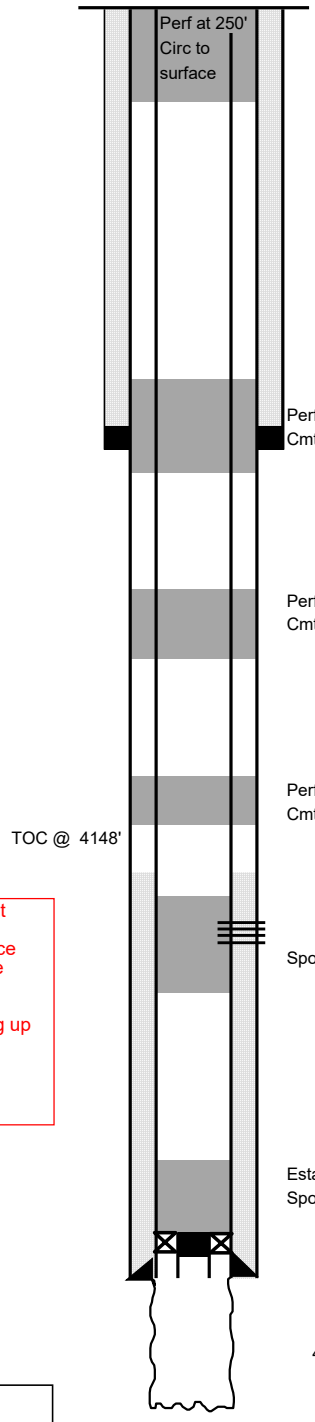
## Proposed
## Wellbore Diagram

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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 133480

## COMMENTS

| | |
|---|---|
| Operator:<br>CHEVRON U S A INC<br>6301 Deauville Blvd<br>Midland, TX 79706 | OGRID:<br>4323 |
| | Action Number:<br>133480 |
| | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

**COMMENTS**

| Created By | Comment | Comment Date |
|---|---|---|
| plmartinez | PM | 10/24/2022 |

**District I**
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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**District IV**
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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 133480

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**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| kfortner | See Attached COA | 10/21/2022 |