

Submit a 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 July 18, 2013

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

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-025-30959                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>B 4286-1                                                            |
| 7. Lease Name or Unit Agreement Name<br>West Lovington Unit                                         |
| 8. Well Number<br>67                                                                                |
| 9. OGRID Number<br>241333                                                                           |
| 10. Pool name or Wildcat<br>W. Lovington Upper San Andres                                           |

|                                                                                                                                                                                                                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(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.)               |  |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>                                                                                       |  |
| 2. Name of Operator<br>Chevron Midcontinent, L.P.                                                                                                                                                                    |  |
| 3. Address of Operator<br>6301 Deauville Blvd, Midland, TX 79706                                                                                                                                                     |  |
| 4. Well Location<br>Unit Letter <u>C</u> : <u>135</u> feet from the <u>North</u> line and <u>2600</u> feet from the <u>West</u> line<br>Section <u>7</u> Township <u>17S</u> Range <u>36E</u> NMPM <u>Lea</u> County |  |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>3908' GR                                                                                                                                                       |  |

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" 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 11/16/2021

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 2/8/22

Conditions of Approval (if any):  
575-263-6633

## Wellbore Diagram

Created: 04/25/19 By: \_\_\_\_\_  
 Updated: \_\_\_\_\_ By: \_\_\_\_\_  
 Lease: West Lovington Unit  
 Field: West Lovington Unit  
 Surf. Loc.: 135 FNL & 2600 FWL  
 Bot. Loc.: \_\_\_\_\_  
 County: Lea St.: NM  
 Status: \_\_\_\_\_

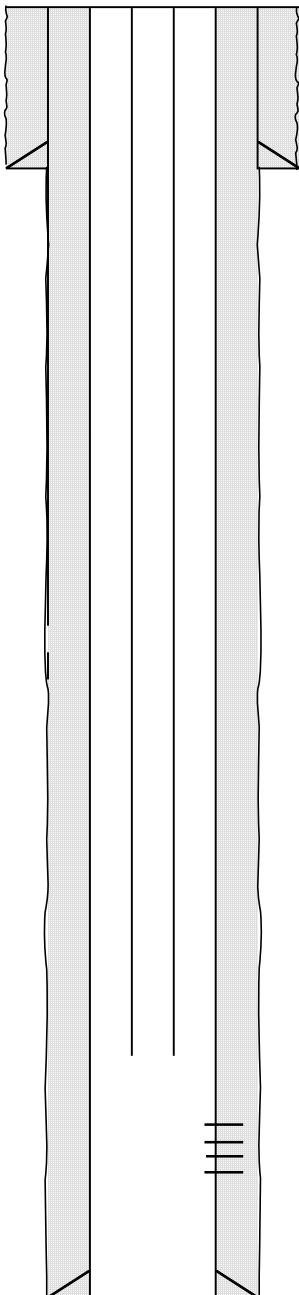
Well #: 67 St. Lse: \_\_\_\_\_  
 API: 30-025-30959  
 Unit Ltr.: C Section: 7  
 TSHP/Rng: 17S-36E  
 Unit Ltr.: \_\_\_\_\_ Section: \_\_\_\_\_  
 TSHP/Rng: \_\_\_\_\_  
 Directions: Lovington, NM  
 Chevno: OM1990

## Surface Casing

Size: 8-5/8"  
 Wt., Grd.: 24#  
 Depth: 362'  
 Sxs Cmt: 275  
 Circulate: Yes, 100 sxs  
 TOC: Surface  
 Hole Size: 12-1/4"

## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 15.5#  
 Depth: 5240'  
 Sxs Cmt: 1200  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 7-7/8"



KB: \_\_\_\_\_  
 DF: \_\_\_\_\_  
 GL: 3,908  
 Ini. Spud: 01/08/91  
 Ini. Comp.: 02/21/91

|               |                                    |                                                                                           |     |         |         |         |
|---------------|------------------------------------|-------------------------------------------------------------------------------------------|-----|---------|---------|---------|
| Tubing String | Tubing Sub - OD 2.875              | J-55 2.875 OD/ 6.50# T&C Non-Upset 2.441 ID Replaced 51 2-7/8 tbg, corrosion              | 147 | 4456.00 | 0.00    | 4456.00 |
| Tubing String | Tubing Anchor/Catcher              | Tubing Anchor-Mechanical 2.875 Elder B                                                    | 1   | 2.70    | 4456.00 | 4458.70 |
| Tubing String | Tubing Sub - OD 2.875              | J-55 2.875 OD/ 6.50# T&C Non-Upset 2.441 ID 2.347 Drift                                   | 7   | 207.70  | 4458.70 | 4666.40 |
| Tubing String | Tubing - OD 2.875                  | J-55 2.875 OD/ 6.40# T&C External Upset 2.441 ID 2.347 Drift - Internal Plastic Ctg-TK-99 | 1   | 30.70   | 4666.40 | 4697.10 |
| Tubing String | Seat Nipple / Shoe                 | Seat Nipple - Heavy Duty (2.875) Cup Type - N/A                                           | 1   | 1.10    | 4697.10 | 4698.20 |
| Tubing String | Tubing Sub - OD 2.875              | J-55 2.875 OD/ 6.40# T&C External Upset 2.441 ID 2.347 Drift PERF. SUB                    | 1   | 4.00    | 4698.20 | 4702.20 |
| Tubing String | Bull Plug (Tubing)                 | Bull Plug Mud Anchor 3.500 Int & Ext. Coated                                              | 1   | 22.50   | 4702.20 | 4724.70 |
| Rod String    | Polished Rod                       | 1.500 (1 1/2 in.) C x 26 - N/A                                                            | 1   | 26.00   | 0.00    | 26.00   |
| Rod String    | Rod (Sub)                          | 0.980 (1 in.) Fiberglass x 6 Rod Sub - N/A                                                | 1   | 6.00    | 26.00   | 32.00   |
| Rod String    | Rod                                | 0.990 (1 in.) FG x 37.5 Rod                                                               | 56  | 2072.00 | 32.00   | 2104.00 |
| Rod String    | Rod                                | 0.875 (7/8 in.) D x 25 Rod Last 67 rods are new 7/8 11/13/07                              | 97  | 2425.00 | 2104.00 | 4529.00 |
| Rod String    | Rod (Sinker Bar)                   | 1.500 (1 1/2 in.) C x 25 Sinker Bar                                                       | 4   | 100.00  | 4529.00 | 4629.00 |
| Rod String    | Rod (Sub)                          | Stabilizer Bar 0.875 x 40 w/0.750 Pin 2 Guide Rod Sub                                     | 1   | 3.33    | 4629.00 | 4632.33 |
| Rod String    | Shear Tool/Coupling                | Shear Tool 1.685 w/0.750 Pin 26,000#                                                      | 1   | 1.00    | 4632.33 | 4633.33 |
| Rod String    | Rod (Sub)                          | Stabilizer Bar 0.875 x 40 w/0.750 Pin 2 Guide Rod Sub                                     | 1   | 3.33    | 4633.33 | 4636.66 |
| Rod String    | Rod (Sinker Bar)                   | 1.500 (1 1/2 in.) C x 25 Sinker Bar                                                       | 1   | 25.00   | 4636.66 | 4661.66 |
| Rod String    | Rod (Sub)                          | 1.000 (1 in.) D x 1 Rod Sub                                                               | 1   | 1.00    | 4661.66 | 4662.66 |
| Rod String    | Rod Pump (Insert) (NON-SERIALIZED) | Rod Pump (Insert) (NON-SERIALIZED) - 25-125-RHBC-20-4 (Bore = 1.25)                       | 1   | 20.00   | 4662.66 | 4682.66 |
| Rod String    | Gas Anchor (Rod)                   | Gas Anchor (Rod) 1.250 OD x 12                                                            | 1   | 10.00   | 4682.66 | 4692.66 |

Perfs: 4751' - 5158'

PBTD (est.): 5,226  
 TD: 5,240  
 Deepened: \_\_\_\_\_

## Wellbore Diagram

|             |                               |      |                             |             |                             |          |                             |
|-------------|-------------------------------|------|-----------------------------|-------------|-----------------------------|----------|-----------------------------|
| Created:    | <u>04/25/19</u>               | By:  | <u>                    </u> | Well #:     | <u>67</u>                   | St. Lse: | <u>                    </u> |
| Updated:    | <u>                    </u>   | By:  | <u>                    </u> | API         | <u>30-025-30959</u>         |          |                             |
| Lease:      | <u>West Lovington Unit</u>    |      |                             | Unit Ltr.:  | <u>C</u>                    | Section: | <u>7</u>                    |
| Field:      | <u>West Lovington Unit</u>    |      |                             | TSHP/Rng:   | <u>17S-36E</u>              |          |                             |
| Surf. Loc.: | <u>135 FNL &amp; 2600 FWL</u> |      |                             | Unit Ltr.:  | <u>                    </u> | Section: | <u>                    </u> |
| Bot. Loc.:  | <u>                    </u>   |      |                             | TSHP/Rng:   | <u>                    </u> |          |                             |
| County:     | <u>Lea</u>                    | St.: | <u>NM</u>                   | Directions: | <u>Lovington, NM</u>        |          |                             |
| Status:     | <u>                    </u>   |      |                             | Chevno:     | <u>OM1990</u>               |          |                             |

## Surface Casing

Size: 8-5/8"  
 Wt., Grd.: 24#  
 Depth: 362'  
 Sxs Cmt: 275  
 Circulate: Yes, 100 sxs  
 TOC: Surface  
 Hole Size: 12-1/4"

KB:                       
 DF:                       
 GL: 3,908  
 Ini. Spud: 01/08/91  
 Ini. Comp.: 02/21/91

Isolate 8-5/8" shoe  
 Cmt from 412' to Surface

## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 15.5#  
 Depth: 5240'  
 Sxs Cmt: 1200  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 7-7/8"

Isolate Rustler, Salt Top  
 Cmt from 2037' to 1797'

Isolate Yates, Salt Bottom  
 Cmt from 3120' to 2880'

Isolate San Andres, Grayburg, Queen  
 Barrier #1: CIBP set at +/- 4651'  
 Cmt from 4651' to 3700'  
 (100' above formation top)

Perfs: 4751' - 5158'

PBTD (est.): 5,226  
 TD: 5,240  
 Deepened:

**Lovington Well P&A Short Procedure for wells with rods and tubing.****All cement plugs are based on 1.18 yield for Class H and 1.32 yield for Class C**

1. Install casing Riser on intermediate and surface casing.
  - a. Follow the MCBU Ground Disturbance OE Standard before starting any excavations (One Call, Dig Plan)
  - b. Paint the casing valves as follow  
  
Production: Blue  
  
Intermediate: White  
  
Surface: Yellow
2. Call and notify NMOCD 24 hrs. before operations begin.
3. MIRU pulling unit.
  - a. Intrinsically safe fans and H2S scavenger required due to known H2S in the field.
4. Check well pressures, kill well as necessary following The Chevron Initial Well Kill Operating Guidelines.
  - a. Bubble test should be at least 30 minutes and follow the bubble test SOP. On all casing annuli, if bubble test fails Chevron intends to Zonite, cut, and pull casing, or eliminate SCP with another means after the well is plugged to a certain point agreed upon by the NMOCD and Chevron.
  - b. Bubble tests should occur each morning, critical times are prior to pumping upper hydrocarbon plug or pumping cement to surface.
  - c. Perform a final bubble test after cement has hardened at surface.
5. Attempt to pressure test tubing to at least 1,000 psi for 15 minutes or the highest pressure expected while plugging the well.
  - a. If test passes, utilize tubing for work string.
  - b. If test fails, pick up a work string provided by Chevron.
6. Install hydraulic rod BOP and function test.
7. Pull and lay down rods.
  - a. If paraffin is encountered or rods are stuck contact engineer.
8. 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.
9. If tubing pressure tested, stand back pipe. If it failed, lay down and prepare to run a work string.
10. MIRU wireline and lubricator.
11. Pressure test lubricator to 500 psi or MASP (whichever is larger) for 10 minutes.
  - a. If MASP is greater than 1,000 psi, contact the engineer to discuss running grease injection.
12. Run and set CIBP within 100' of top perforation or as per approved C-103.
  - a. Skip gauge run if TAC pulled freely past setting depth.

13. Fill well with fresh water 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.
14. Perform 30-minute bubble test on surface and production casings. Record results to meet the barrier standard intent. Adjust forward plan as necessary to address SCP.
15. TIH and tag CIBP.
16. Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests or above first Perf and Squeezes. If casing pressure test failed in step 13., Chevron requires all casing holes/damage to be covered with cement.
17. Spot minimum 25 sx or 150' of cement, whichever is larger, on top of CIBP (Perfs).
18. Spot 97 sacks Class C cement from 4651' to 3700' (San Andres, Grayburg, Queen).
  - a. Discuss with NMOCD on waiving WOC and tag if casing passed a pressure test.
19. Spot 25 sacks Class C cement from 3120' to 2880' (Yates, Salt Bottom).
20. Spot 25 sacks Class C cement from 2037' to 1797' (Salt Top, Rustler).
21. Spot 42 sacks Class C cement from 412' to surface (isolate surface shoe, Fresh Water)
22. While RDMO, perform 30-minute bubble test on surface and production casings. Record results to meet the barrier standard intent.
23. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker (4" diameter, 4' tall). Clean location.

Note: All cement plugs class "C" (<7,500') or "H" (>7,500') with closed loop system used, and MLF spotted between plugs.

**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 50' 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 50' below formation bottom to 50' above formation top inside the casing.

### **DRY HOLE MARKER REQUIREMENTS**

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**



**Lovington Well P&A Short Procedure for wells with rods and tubing.****All cement plugs are based on 1.18 yield for Class H and 1.32 yield for Class C**

1. Install casing Riser on intermediate and surface casing.
  - a. Follow the MCBU Ground Disturbance OE Standard before starting any excavations (One Call, Dig Plan)
  - b. Paint the casing valves as follow  
  
Production: Blue  
  
Intermediate: White  
  
Surface: Yellow
2. Call and notify NMOCD 24 hrs. before operations begin.
3. MIRU pulling unit.
  - a. Intrinsically safe fans and H2S scavenger required due to known H2S in the field.
4. Check well pressures, kill well as necessary following The Chevron Initial Well Kill Operating Guidelines.
  - a. Bubble test should be at least 30 minutes and follow the bubble test SOP. On all casing annuli, if bubble test fails Chevron intends to Zonite, cut, and pull casing, or eliminate SCP with another means after the well is plugged to a certain point agreed upon by the NMOCD and Chevron.
  - b. Bubble tests should occur each morning, critical times are prior to pumping upper hydrocarbon plug or pumping cement to surface.
  - c. Perform a final bubble test after cement has hardened at surface.
5. Attempt to pressure test tubing to at least 1,000 psi for 15 minutes or the highest pressure expected while plugging the well.
  - a. If test passes, utilize tubing for work string.
  - b. If test fails, pick up a work string provided by Chevron.
6. Install hydraulic rod BOP and function test.
7. Pull and lay down rods.
  - a. If paraffin is encountered or rods are stuck contact engineer.
8. 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.
9. If tubing pressure tested, stand back pipe. If it failed, lay down and prepare to run a work string.
10. MIRU wireline and lubricator.
11. Pressure test lubricator to 500 psi or MASP (whichever is larger) for 10 minutes.
  - a. If MASP is greater than 1,000 psi, contact the engineer to discuss running grease injection.
12. Run and set CIBP within 100' of top perforation or as per approved C-103.
  - a. Skip gauge run if TAC pulled freely past setting depth.



13. Fill well with fresh water 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.
14. Perform 30-minute bubble test on surface and production casings. Record results to meet the barrier standard intent. Adjust forward plan as necessary to address SCP.
15. TIH and tag CIBP.
16. Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests or above first Perf and Squeezes. If casing pressure test failed in step 13., Chevron requires all casing holes/damage to be covered with cement.
17. Spot minimum 25 sx or 150' of cement, whichever is larger, on top of CIBP (Perfs).
18. Spot 97 sacks Class C cement from 4651' to 3700' (San Andres, Grayburg, Queen).
  - a. Discuss with NMOCD on waiving WOC and tag if casing passed a pressure test.
19. Spot 25 sacks Class C cement from 3120' to 2880' (Yates, Salt Bottom).
20. Spot 25 sacks Class C cement from 2037' to 1797' (Salt Top, Rustler).
21. Spot 42 sacks Class C cement from 412' to surface (isolate surface shoe, Fresh Water)
22. While RDMO, perform 30-minute bubble test on surface and production casings. Record results to meet the barrier standard intent.
23. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker (4" diameter, 4' tall). Clean location.

Note: All cement plugs class "C" (<7,500') or "H" (>7,500') with closed loop system used, and MLF spotted between plugs.

## Wellbore Diagram

Created: 04/25/19 By: \_\_\_\_\_  
 Updated: \_\_\_\_\_ By: \_\_\_\_\_  
 Lease: West Lovington Unit  
 Field: West Lovington Unit  
 Surf. Loc.: 135 FNL & 2600 FWL  
 Bot. Loc.: \_\_\_\_\_  
 County: Lea St.: NM  
 Status: \_\_\_\_\_

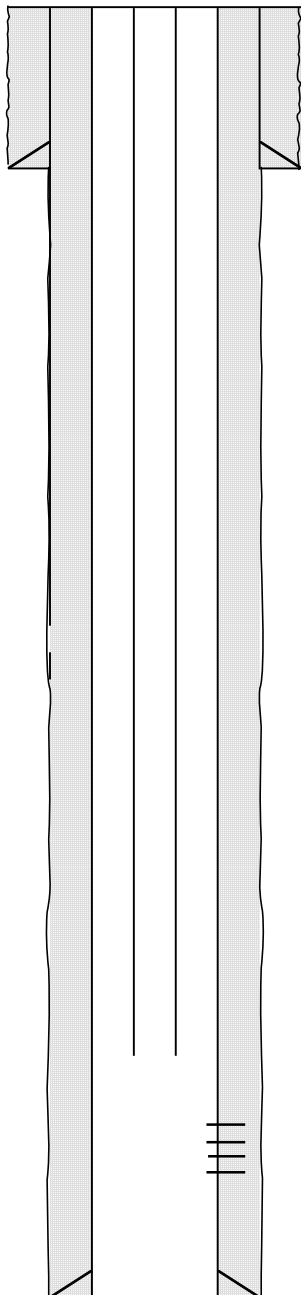
Well #: 67 St. Lse: \_\_\_\_\_  
 API: 30-025-30959  
 Unit Ltr.: C Section: 7  
 TSHP/Rng: 17S-36E  
 Unit Ltr.: \_\_\_\_\_ Section: \_\_\_\_\_  
 TSHP/Rng: \_\_\_\_\_  
 Directions: Lovington, NM  
 Chevno: OM1990

## Surface Casing

Size: 8-5/8"  
 Wt., Grd.: 24#  
 Depth: 362'  
 Sxs Cmt: 275  
 Circulate: Yes, 100 sxs  
 TOC: Surface  
 Hole Size: 12-1/4"

## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 15.5#  
 Depth: 5240'  
 Sxs Cmt: 1200  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 7-7/8"



KB: \_\_\_\_\_  
 DF: \_\_\_\_\_  
 GL: 3,908  
 Ini. Spud: 01/08/91  
 Ini. Comp.: 02/21/91

|               |                                    |                                                                                           |     |         |         |         |
|---------------|------------------------------------|-------------------------------------------------------------------------------------------|-----|---------|---------|---------|
| Tubing String | Tubing Sub - OD 2.875              | J-55 2.875 OD/ 6.50# T&C Non-Upset 2.441 ID Replaced 51 2-7/8 tbg, corrosion              | 147 | 4456.00 | 0.00    | 4456.00 |
| Tubing String | Tubing Anchor/Catcher              | Tubing Anchor-Mechanical 2.875 Elder B                                                    | 1   | 2.70    | 4456.00 | 4458.70 |
| Tubing String | Tubing Sub - OD 2.875              | J-55 2.875 OD/ 6.50# T&C Non-Upset 2.441 ID 2.347 Drift                                   | 7   | 207.70  | 4458.70 | 4666.40 |
| Tubing String | Tubing - OD 2.875                  | J-55 2.875 OD/ 6.40# T&C External Upset 2.441 ID 2.347 Drift - Internal Plastic Ctg-TK-99 | 1   | 30.70   | 4666.40 | 4697.10 |
| Tubing String | Seat Nipple / Shoe                 | Seat Nipple - Heavy Duty (2.875) Cup Type - N/A                                           | 1   | 1.10    | 4697.10 | 4698.20 |
| Tubing String | Tubing Sub - OD 2.875              | J-55 2.875 OD/ 6.40# T&C External Upset 2.441 ID 2.347 Drift PERF. SUB                    | 1   | 4.00    | 4698.20 | 4702.20 |
| Tubing String | Bull Plug (Tubing)                 | Bull Plug Mud Anchor 3.500 Int & Ext. Coated                                              | 1   | 22.50   | 4702.20 | 4724.70 |
| Rod String    | Polished Rod                       | 1.500 (1 1/2 in.) C x 26 - N/A                                                            | 1   | 26.00   | 0.00    | 26.00   |
| Rod String    | Rod (Sub)                          | 0.980 (1 in.) Fiberglass x 6 Rod Sub - N/A                                                | 1   | 6.00    | 26.00   | 32.00   |
| Rod String    | Rod                                | 0.990 (1 in.) FG x 37.5 Rod                                                               | 56  | 2072.00 | 32.00   | 2104.00 |
| Rod String    | Rod                                | 0.875 (7/8 in.) D x 25 Rod Last 67 rods are new 7/8 11/13/07                              | 97  | 2425.00 | 2104.00 | 4529.00 |
| Rod String    | Rod (Sinker Bar)                   | 1.500 (1 1/2 in.) C x 25 Sinker Bar                                                       | 4   | 100.00  | 4529.00 | 4629.00 |
| Rod String    | Rod (Sub)                          | Stabilizer Bar 0.875 x 40 w/0.750 Pin 2 Guide Rod Sub                                     | 1   | 3.33    | 4629.00 | 4632.33 |
| Rod String    | Shear Tool/Coupling                | Shear Tool 1.685 w/0.750 Pin 26,000#                                                      | 1   | 1.00    | 4632.33 | 4633.33 |
| Rod String    | Rod (Sub)                          | Stabilizer Bar 0.875 x 40 w/0.750 Pin 2 Guide Rod Sub                                     | 1   | 3.33    | 4633.33 | 4636.66 |
| Rod String    | Rod (Sinker Bar)                   | 1.500 (1 1/2 in.) C x 25 Sinker Bar                                                       | 1   | 25.00   | 4636.66 | 4661.66 |
| Rod String    | Rod (Sub)                          | 1.000 (1 in.) D x 1 Rod Sub                                                               | 1   | 1.00    | 4661.66 | 4662.66 |
| Rod String    | Rod Pump (Insert) (NON-SERIALIZED) | Rod Pump (Insert) (NON-SERIALIZED) - 25-125-RHBC-20-4 (Bore = 1.25)                       | 1   | 20.00   | 4662.66 | 4682.66 |
| Rod String    | Gas Anchor (Rod)                   | Gas Anchor (Rod) 1.250 OD x 12                                                            | 1   | 10.00   | 4682.66 | 4692.66 |

Perfs: 4751' - 5158'

PBTD (est.): 5,226  
 TD: 5,240  
 Deepened: \_\_\_\_\_

## Wellbore Diagram

|             |                               |      |                             |             |                             |          |                             |
|-------------|-------------------------------|------|-----------------------------|-------------|-----------------------------|----------|-----------------------------|
| Created:    | <u>04/25/19</u>               | By:  | <u>                    </u> | Well #:     | <u>67</u>                   | St. Lse: | <u>                    </u> |
| Updated:    | <u>                    </u>   | By:  | <u>                    </u> | API         | <u>30-025-30959</u>         |          |                             |
| Lease:      | <u>West Lovington Unit</u>    |      |                             | Unit Ltr.:  | <u>C</u>                    | Section: | <u>7</u>                    |
| Field:      | <u>West Lovington Unit</u>    |      |                             | TSHP/Rng:   | <u>17S-36E</u>              |          |                             |
| Surf. Loc.: | <u>135 FNL &amp; 2600 FWL</u> |      |                             | Unit Ltr.:  | <u>                    </u> | Section: | <u>                    </u> |
| Bot. Loc.:  | <u>                    </u>   |      |                             | TSHP/Rng:   | <u>                    </u> |          |                             |
| County:     | <u>Lea</u>                    | St.: | <u>NM</u>                   | Directions: | <u>Lovington, NM</u>        |          |                             |
| Status:     | <u>                    </u>   |      |                             | Chevno:     | <u>OM1990</u>               |          |                             |

## Surface Casing

Size: 8-5/8"  
 Wt., Grd.: 24#  
 Depth: 362'  
 Sxs Cmt: 275  
 Circulate: Yes, 100 sxs  
 TOC: Surface  
 Hole Size: 12-1/4"

KB:                       
 DF:                       
 GL: 3,908  
 Ini. Spud: 01/08/91  
 Ini. Comp.: 02/21/91

Isolate 8-5/8" shoe  
 Cmt from 412' to Surface

## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 15.5#  
 Depth: 5240'  
 Sxs Cmt: 1200  
 Circulate: Yes  
 TOC: Surface  
 Hole Size: 7-7/8"

Isolate Rustler, Salt Top  
 Cmt from 2037' to 1797'

Isolate Yates, Salt Bottom  
 Cmt from 3120' to 2880'

Isolate San Andres, Grayburg, Queen  
 Barrier #1: CIBP set at +/- 4651'  
 Cmt from 4651' to 3700'  
 (100' above formation top)

Perfs: 4751' - 5158'

PBTD (est.): 5,226  
 TD: 5,240  
 Deepened:

**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 62841

CONDITIONS

|                                                                            |                                                     |
|----------------------------------------------------------------------------|-----------------------------------------------------|
| Operator:<br>CHEVRON U S A INC<br>6301 Deauville Blvd<br>Midland, TX 79706 | OGRID:<br>4323                                      |
|                                                                            | Action Number:<br>62841                             |
|                                                                            | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

CONDITIONS

| Created By | Condition                           | Condition Date |
|------------|-------------------------------------|----------------|
| kfortner   | See attached conditions of approval | 2/8/2022       |