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. 30-015-31085
5. Indicate Type of Lease STATE [X] 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: Poker Lake Unit
1. Type of Well: Oil Well [ ] Gas Well [X] Other
8. Well Number 148
2. Name of Operator: XTO Permian Operating, LLC
9. OGRID Number 373075
3. Address of Operator: 6401 Holliday Hill Rd Bldg 5, Midland TX 79707
10. Pool name or Wildcat: Purple Sag; Wolfcamp
4. Well Location
Unit Letter H : 1650 feet from the North line and 660 feet from the East line
Section 32 Township 24S Range 31E NMPM County Eddy
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 [X] | 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: [ ] | |

Notify OCD 24 hrs. prior to any work done. gilbert.cordero@emnrd.nm.gov

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.

XTO Permian Operating, LLC. respectfully requests permission to Plug and Abandon the above mentioned well per the attached revised procedure. Please also see WBDs current and revised proposed, as well as email confirmation that no further documentation is required for approval.

See CBL and add perforations as needed
See Changes to Plugging Plan

Spud Date: 04/28/2001 Rig Release Date:

***NEW "2024" COA's*** MUST BE PLUGGED BY 11/1/24

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

SIGNATURE Kristen Houston TITLE Regulatory Analyst DATE 01/05/2024

Type or print name Kristen Houston E-mail address: kristen.houston@exxonmobil.com PHONE: (432)894-1588

**For State Use Only**

APPROVED BY: TITLE Staff Manager DATE 1/18/24
Conditions of Approval (if any):

PLUG AND ABANDON WELLBORE
POKER LAKE UNIT 148
EDDY COUNTY, NEW MEXICO
Class II

| MASIP | MAOP | MAWP | Surface Csg Yield |
|---|---|---|---|
| 1,000 psi | 1,000 psi | 3,000 psi | 2730 PSI |

**SUMMARY:** Plug and abandon wellbore according to BLM regulations.

1) MIRU plugging company. Set open top steel pit for plugging.

2) POOH LD rods and pump.

3) ND WH and NU 3K manual BOP. Function test BOP.

4) Unset packer at 12,162.7′ and POOH 2-7/8″ tbg and BHA. If packer does not release, contact engineering.

5) MIRU WLU, RIH GR to 12,875′; RIH set CIBP at 12,865′, pressure test to 500 PSI for 30 minutes. Spot 70 sacks Class H cement from 12,865 to 12,200′. WOC and tag to verify TOC. (T/ Perf, 7″ casing shoe) - Run CBL

6) Spot 50 SKS **Class H** cement from 11,600′ to 11,365′. (T/Wolfcamp)

7) Spot 45 SKS **Class H** cement from 9,760′ to 9,550′. (3000′ Requirement)

8) Spot 45 SKS **Class H** cement from 8,215′ to 8,005′. WOC and tag to verify TOC. (T/Bone Spring)

9) Spot 25 sx Cl H cement 6570' - 6470' - T Brushy Canyon

10) Spot 25 sx Cl C cement 5320' - 5220' - T Cherry Canyon

11) Spot 25 sx Cl C cement 4410' - 4310' - T Bell Canyon

12) Squeeze 60 SKS Class C cement from 4,385′ to 4,185′. WOC and tag to verify TOC. (Intermediate Casing Shoe 1, T/Delaware)

13) MIRU WLU, perforate at 2450′.

15) Squeeze 45 SKS Class C cement from 2450' to 2,300'. WOC and tag to verify TOC.(3000' Requirement)

16) MIRU WLU, perforate at 861'.

17) Spot 45 SKS Class C cement from 861' to 711'. WOC and tag to verify TOC. (Surface Casing Shoe)

18) MIRU WLU, perforate at 250'.

19) Circulate Class C cement until returns at surface. (~21 SKS)

20) ND BOP and cut off wellhead 5' below surface. RDMO PU, transport trucks, and pump truck.

21) Set P&A marker.

22) Pull fluid from steel tank and haul to disposal. Release steel tank.

# PLU 148 - Proposed WBD

811’ Surface Casing Shoe

4287’ T/Delaware

4335’ Intermediate Casing Shoe 1

6000’ TOC

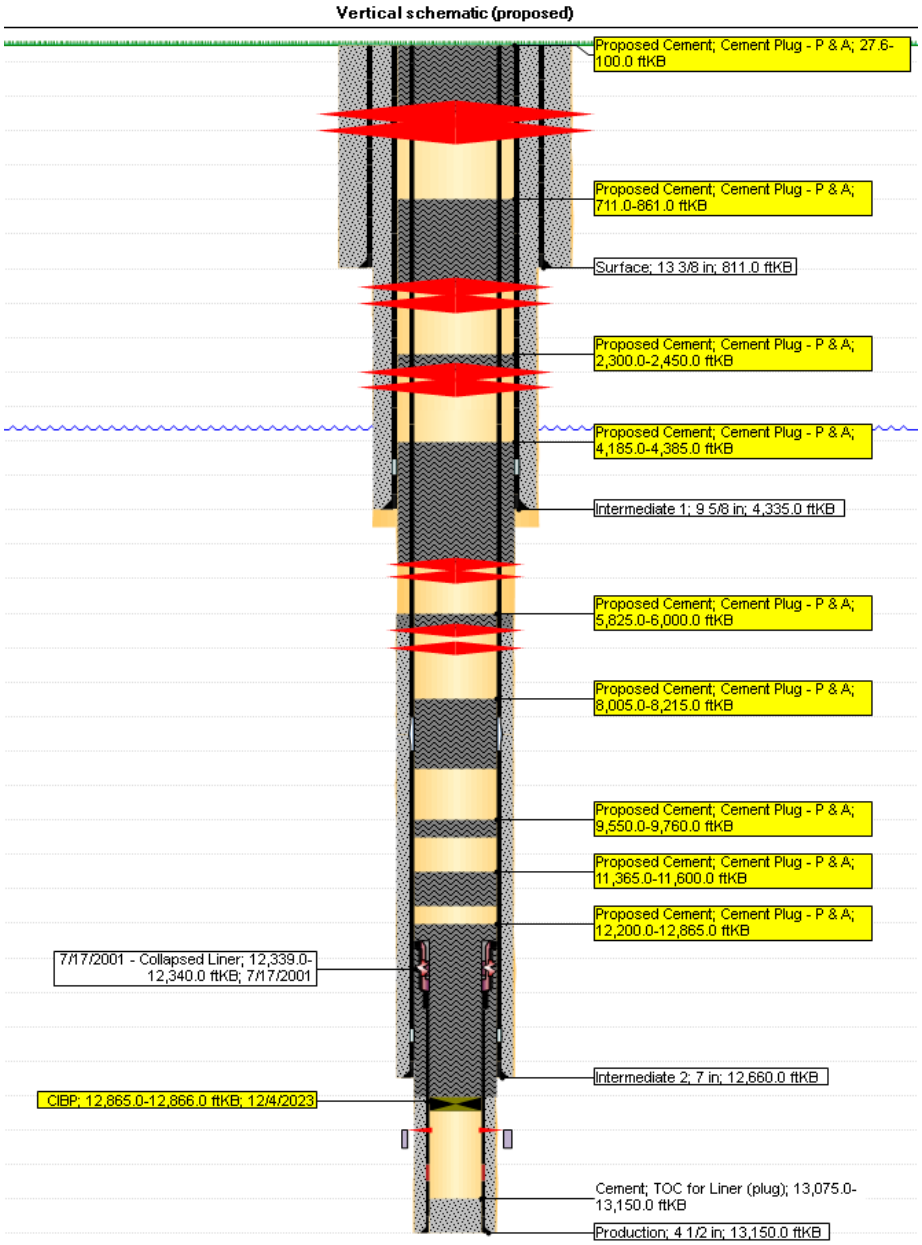
8165’ T/Bone Spring

11550’ T/Wolfcamp

12319’ Collapsed Liner

12660’ Intermediate Casing Shoe 2

12904’ T/Perforation




Perf and circulate 100’ to surface.

Perf and squeeze 45 SKS Class C: 861’ to 711’. WOC and Tag.

Perf and squeeze 45 SKS Class C: 2450’ to 2,300’. WOC and Tag.

Perf and squeeze 60 SKS Class C: 4,385’ to 4,185’. WOC and Tag.

Perf and squeeze 50 SKS Class C: 6000’ to 5825’. WOC and Tag.

Spot 45 SKS **Class H**: 8,215’ to 8,005. WOC and Tag.

Spot 45 SKS **Class H**: 9,760’ to 9,550’. WOC and Tag.

Spot 50 SKS **Class H:** 11,600’ to 11,365’. WOC and Tag.

Spot 75 SKS Class C atop CIBP: 12,865’ to 12,200’. PT CIBP to 500 PSIG for 30 min. WOC and Tag.

RE: [EXTERNAL] Re: The Oil Conservation Division (OCD) has rejected the application, Application ID: 291692 (POKER LAKE UNIT 148

Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
To: Houston, Kristen /C
Cc: Garcia, Amanda; Morrow, Sherry /C; Staub, Peter G

Reply | Reply All | Forward | ...
Tue 1/2/2024 11:33 AM

**External Email - Think Before You Click**

Good morning Kristen,

That is correct. I appreciate your help.

Thank you,

Gilbert Cordero

NMOCD NM South

C 575-626-0830

**From:** Houston, Kristen /C <kristen.houston@exxonmobil.com>
**Sent:** Tuesday, January 2, 2024 10:25 AM
**To:** Cordero, Gilbert, EMNRD <Gilbert.Cordero@emnrd.nm.gov>
**Cc:** Garcia, Amanda <amanda.garcia@exxonmobil.com>; Morrow, Sherry /C <sherry.morrow@exxonmobil.com>; Staub, Peter G <peter.g.staub@exxonmobil.com>
**Subject:** [EXTERNAL] Re: The Oil Conservation Division (OCD) has rejected the application, Application ID: 291692 (POKER LAKE UNIT 148

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Gilbert,

As per our conversation, we do not need to submit a subsequent sundry for the work over, as the liner collapsed during initial completion and was milled out with the watermelon mill. As per your instructions, we need to set our plug within 50 feet of the perfs, as per the new rule, you need a CBL and formation tops with the NOI to P&A.

On Jan 2, 2024, at 9:52 AM, Staub, Peter G <peter.g.staub@exxonmobil.com> wrote:

Yes please do. It sounds like they got stuck and worked themselves free then smoothed over the casing liner with a mill during initial completion.

Thanks,

Peter Staub

Production Engineer

XTO Energy, Delaware New Mexico

432-967-8237

**From:** Houston, Kristen /C <kristen.houston@exxonmobil.com>
**Sent:** Tuesday, January 2, 2024 10:49 AM
**To:** Staub, Peter G <peter.g.staub@exxonmobil.com>
**Cc:** Garcia, Amanda <amanda.garcia@exxonmobil.com>; Morrow, Sherry /C <sherry.morrow@exxonmobil.com>
**Subject:** RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 291692 (POKER LAKE UNIT 148

It looks like they are requesting a C-103R which is a subsequent workover report. I did not find where a NOI was submitted for workover on the NMOCD website. I can give Gilbert a call and see exactly what they need.

Thank You,

Kristen Houston

(432)894-1588

ExxonMobil UOG Upstream Unconventional

Regulatory Analyst

6401 Holiday Hill Road, Bldg 5

Midland, TX 79707

kristen.houston@exxonmobil.com

**From:** Staub, Peter G <peter.g.staub@exxonmobil.com>
**Sent:** Tuesday, January 2, 2024 10:41 AM
**To:** Houston, Kristen /C <kristen.houston@exxonmobil.com>
**Cc:** Garcia, Amanda <amanda.garcia@exxonmobil.com>; Morrow, Sherry /C <sherry.morrow@exxonmobil.com>
**Subject:** RE: The Oil Conservation Division (OCD) has rejected the application, Application ID: 291692 (POKER LAKE UNIT 148

I found the reports of the collapsed casing. We had the liner collapse at 12,339' in 2001. We used a watermelon mill to work through that area and create clearance. What do they need for this? We plan to plug from above this.

Thanks,

Peter Staub

Production Engineer

XTO Energy, Delaware New Mexico

432-967-8237

**From:** Houston, Kristen /C <kristen.houston@exxonmobil.com>
**Sent:** Tuesday, January 2, 2024 9:51 AM
**To:** Staub, Peter G <peter.g.staub@exxonmobil.com>
**Cc:** Garcia, Amanda <amanda.garcia@exxonmobil.com>; Morrow, Sherry /C <sherry.morrow@exxonmobil.com>
**Subject:** FW: The Oil Conservation Division (OCD) has rejected the application, Application ID: 291692 (POKER LAKE UNIT 148

Peter,

FYI,

This one may take some work as regulatory had never submitted proper paperwork for workover where the csg had collapsed. NMOCD is also requesting complete formation tops for the wellbore. I have investigated NMOCD website and can't find anything on collapsed csg and I didn't find anything on BLM either. Do you know anything about this by chance? I didn't find a NOI to Workover on either site either.

Let me know what you think.

Thank You,

Kristen Houston

(432)894-1588

ExxonMobil UOG Upstream Unconventional

Regulatory Analyst

6401 Holiday Hill Road, Bldg 5

Midland, TX 79707

kristen.houston@exxonmobil.com

**From:** OCDOnline@state.nm.us <OCDOnline@state.nm.us>
**Sent:** Wednesday, December 20, 2023 3:30 PM
**To:** Houston, Kristen /C <kristen.houston@exxonmobil.com>
**Subject:** The Oil Conservation Division (OCD) has rejected the application, Application ID: 291692



To whom it may concern (c/o Kristen Houston for XTO ENERGY, INC),

The OCD has rejected the submitted *NOI - Plug & Abandon* (C-103F), for API number (30-#) 30-015-31085,
for the following reasons:

1. **Missing C-103R, workover for collapsed casing. Need complete formation tops for well bore.**

The rejected C-103F can be found in the OCD Online: Permitting - Action Status, under the Application ID: 291692.
Please review and make the required correction(s) prior to resubmitting.
If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-103F.

Thank you,
Gilbert Cordero
Staff Manager
575-626-0830
Gilbert.Cordero@emnrd.nm.gov

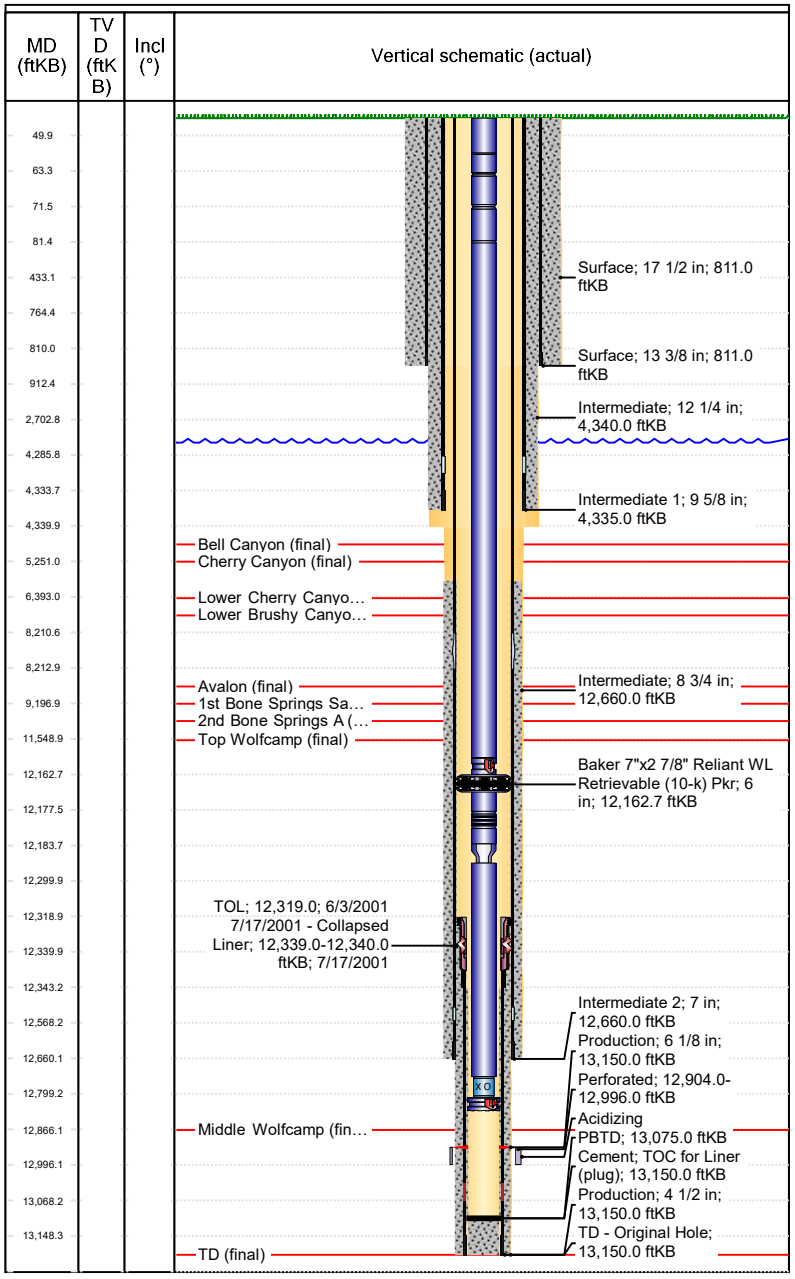
**New Mexico Energy, Minerals and Natural Resources Department**
1220 South St. Francis Drive
Santa Fe, NM 87505

# Downhole Well Profile - with Schematic

## Well Name: Poker Lake Unit 148

| API/UWI | SAP Cost Center ID | Permit Number | State/Province | County |
|---|---|---|---|---|
| 3001531085 | 1137311001 | | New Mexico | Eddy |

| Surface Location | Spud Date | Original KB Elevation (ft) | Ground Elevation (ft) | KB-Ground Distance (ft) | Surface Casing Flange Elevatio… |
|---|---|---|---|---|---|
| T24S-R31E-S32 | 4/28/2001 15:00 | 3,469.90 | 3,442.30 | 27.60 | |




### Wellbores

| Wellbore Name | Parent Wellbore | Wellbore API/UWI |
|---|---|---|
| Original Hole | | |

| Start Depth (ftKB) | Profile Type |
|---|---|
| | |

| Section Des | Hole Sz (in) | Act Top (ftKB) | Act Btm (ftKB) |
|---|---|---|---|
| Surface | 17 1/2 | 27.6 | 811.0 |
| Intermediate | 12 1/4 | 811.0 | 4,340.0 |
| Intermediate | 8 3/4 | 4,340.0 | 12,660.0 |
| Production | 6 1/8 | 12,660.0 | 13,150.0 |

### Zones

| Zone Name | Top (ftKB) | Btm (ftKB) | Current Status |
|---|---|---|---|
| Wolfcamp | | | |

### Casing Strings

| Csg Des | Set Depth (ftKB) | OD (in) | Wt/Len (lb/ft) | Grade |
|---|---|---|---|---|
| Surface | 811.0 | 13 3/8 | 54.50 | J-55 |
| Intermediate 1 | 4,335.0 | 9 5/8 | 40.00 | L-80 |
| Intermediate 2 | 12,660.0 | 7 | 26.00 | P-110 |
| Production | 13,150.0 | 4 1/2 | 13.50 | P-110 |

### Cement

| Des | Type | Start Date | Top (ftKB) | Btm (ftKB) |
|---|---|---|---|---|
| Surface Casing Cement | Casing | 4/30/2001 | 27.6 | 811.0 |
| Intermediate Casing Cement | Casing | 5/7/2001 | 27.6 | 4,335.0 |
| 2nd Intermediate Casing Cement | Casing | 5/24/2001 | 8,211.0 | 12,660.0 |
| 2nd Intermediate Casing Cement | Casing | 5/24/2001 | 6,000.0 | 8,211.0 |
| Production Casing Cement | Casing | 6/4/2001 | 12,319.0 | 13,150.0 |

### Other In Hole

| Run Date | Des | OD (in) | Top (ftKB) | Btm (ftKB) |
|---|---|---|---|---|
| 7/17/2001 | 7/17/2001 - Collapsed Liner | 6 | 12,339.0 | 12,340.0 |

### Perforations

| Date | Top (ftKB) | Btm (ftKB) | Linked Zone |
|---|---|---|---|
| 7/2/2001 | 12,904.0 | 12,996.0 | |

### Stimulation Intervals

| Interval Number | Top (ftKB) | Btm (ftKB) | AIR (bbl/min) | MIR (bbl/min) | Proppant Total (lb) |
|---|---|---|---|---|---|
| 1 | 12,904.0 | 12,996.0 | | | 0.0 |

# State of New Mexico
# Energy, Minerals and Natural Resources Department
# Oil Conservation Division
# Standard Plugging Conditions

This document provides OCD's general plugging conditions of approval. It should be noted that the list below may not cover special plugging programs in unique and unusual cases, and OCD expressly reserves the right to impose additional requirements to the extent dictated by project conditions. The OCD also reserves the right to approve deviations from the below conditions if field conditions warrant a change. A C-103F NOI to P&A must be approved prior to plugging operations. Failure to comply with the conditions attached to a plugging approval may result in a violation of 19.15.5.11 NMAC, which may result in enforcement actions, including but not limited to penalties and a requirement that the well be re-plugged as necessary.

1. Notify OCD office at least 24 hours before beginning work and seek prior approval to implementing any changes to the C-103 NOI to PA.
    - North Contact, Monica Kuehling, 505-320-0243, monica.kuehling@emnrd.nm.gov
    - South Contact, Gilbert Cordero, 575-626-0830, gilbert.cordero@emnrd.nm.gov

2. A Cement Bond Log is required to ensure strata isolation of producing formations, protection of water and correlative rights. A CBL must be run or be on file that can be used to properly evaluate the cement behind the casing.

    Note: Logs must be submitted to OCD via OCD permitting. A copy of the log may be emailed to OCD inspector for faster review times, but emailing does not relieve the operators obligation to submit through OCD permitting.

3. Once Plugging operations have commenced, the rig must not rig down until the well is fully plugged without OCD approval. If gap in plugging operations exceeds 30 days, the Operator must file a subsequent sundry of work performed and revised NOI for approval on work remaining. At no time shall the rig be removed from location if it will result in waste or contamination of fresh water.

4. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.

5. Fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
    - North, water or mud laden fluids
    - South, mud laden fluids

6. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to an OCD permitted disposal facility.

7. Class of cement shall be used in accordance with the below table for depth allowed.

| Class | TVD Lower Limit (feet) |
|---|---|
| Class A/B | 6,000 |
| Class I/II | 6,000 |
| Class C or III | 6,000 |
| Class G and H | 8,000 |
| Class D | 10,000 |

| | |
|---|---|
| Class E | 14,000 |
| Class F | 16,000 |

8. After cutting the well head any “top off cement jobs” must remain static for 30 minutes. Any gas bubbles or flow during this 30 minutes shall be reported to the OCD for approval of next steps.

9. Trucking companies being used to haul oilfield waste fluids (Commercial or Private) to a disposal facility shall have an approved OCD 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 and 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 OCD Compliance Officer.

10. Filing a [C-103] Sub. Plugging (C-103P) will serve as notification that the well has been plugged.

11. A [C-103] Sub. Release After P&A (C-103Q) shall be filed no later than a year after plugging and a site inspection by OCD Compliance officer to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to meet OCD standards before bonding can be released.

12. Produced water or brine-based fluids may not be used during any part of plugging operations without prior OCD approval.

13. Cementing;
    - All cement plugs will be neat cement and a minimum of 100’ in length. 50’ of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
    - If cement does not exist between or behind the casing strings at recommended formation depths, the casing perforations will be shot at 50’ below the formation top and the cement retainer shall be set no more than 50’ from the perforations.
    - WOC (Wait on Cement) time will be:
        - 4 hours for accelerated (calcium chloride) cement.
        - 6 hours on regular cement.
    - Operator must tag all cement plugs unless it meets the below condition.
        - The operator has a passing pressure test for the casing annulus and the plug is only an inside plug.
    - If perforations are made operator must tag all plugs using the work string to tag unless given approval to tag with wireline by the correct contact from COA #1 of this document.
        - This includes plugs pumped underneath a cement retainer to ensure retainer seats properly after cement is pumped.
    - Cement can only be bull-headed with specific prior approval.
    - Squeeze pressures are not to exceed the exposed formations frac gradient or the burst pressure of the casing.

14. A cement plug is required to be set from 50’ below to 50’ above (straddling) formation tops, casing shoes, casing stubs, any attempted casing cut offs, anywhere the casing is perforated, DV tools.
    - Perforation/Formation top plug. (When there is less than 100ft between the top perforation to the formation top.) These plugs are required to be started no greater than

50ft from the top perforation. However, the plug should be set below the formation top or as close to the formation top as possible for the maximum isolation between the formations. The plug is required to be a 100ft cement plug plus excess.

- Perforation Plug when a formation top is not included. These plugs are required to be started within 50ft of the top perforation. The plug is required to be a 100ft cement plug plus excess.
- Cement caps on top of bridge plugs or cement retainers for perforation plugs, that are not straddling a formation top, may be set using a bailer with a minimum of 35’ of cement in lieu of the 100’ plug. The bridge plug or retainer must be set within 50ft of the perforations.
- Perforations are required below the surface casing shoe if cement does not exist behind the casing, a 30-minute minimum wait time will be required immediately after perforating to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. If gas is detected contact the OCD office for directions.

15. No more than 3000 feet is allowed between cement plugs in cased hole and no more than 2000 feet is allowed in open hole.

16. Formation Tops to be isolated with cement plugs, but not limited to are:
    - Northwest See Figure A
    - South (Artesia) See Figure B
    - Potash See Figure C
        - In the R-111-P (Or as subsequently revised) 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 50' below the bottom and 50' above the top of the Formation.
    - South (Hobbs) See Figure D1 and D2
    - Areas not provided above will need to be reviewed with the OCD on a case by case basis.

17. Markers
    - Dry hole marker requirements 19.15.25.10.
      The operator shall mark the exact location of plugged and abandoned wells with a steel marker not less than four inches in diameter set in cement and extending at least four feet above mean ground level. The marker must include the below information:
        1. Operator name
        2. Lease name and well number
        3. API number
        4. Unit letter
        5. Section, Township and Range

    - AGRICULTURE (Below grade markers)
      In Agricultural areas a request can be made for a below ground marker. For a below ground marker the operator must file their request on a C-103 notice of intent, and it must include the following;
        A) Aerial photo showing the agricultural area
        B) Request from the landowner for the below ground marker.

C) Subsequent plugging report for a well using a below ground marker must have an updated C-102 signed by a certified surveyor for SHL.

Note: 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 OCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to OCD. OCD requires a current survey to verify the location of the below ground marker, however OCD will accept a GPS coordinate that were taken with a GPS that has an accuracy of within 15 feet.

18. If work has not commenced within 1 year of the approval of this procedure, the approval is automatically expired. After 1 year a new [C-103] NOI Plugging (C-103F) must be submitted and approved prior to work.

Figure A

North Formations to be isolated with cement plugs are:

- San Jose
- Nacimiento
- Ojo Alamo
- Kirtland
- Fruitland
- Picture Cliffs
- Chacra (if below the Chacra Line)
- Mesa Verde Group
- Mancos
- Gallup
- Basin Dakota (plugged at the top of the Graneros)
- Deeper formations will be reviewed on a case-by-case basis

Figure B

South (Artesia) Formations to be isolated with cement plugs are:

- Fusselman
- Montoya
- Devonian
- Morrow
- Strawn
- Atoka
- Permo-Penn
- Wolfcamp
- Bone Springs
- Delaware , in certain areas where the Delaware is subdivided into;
    - 1. Bell Canyon
    - 2. Cherry Canyon
    - 3. Brushy Canyon
- Any salt sections
- Abo
- Yeso
- Glorieta
- San Andres
- Greyburg
- Queen
- Yates

Figure C

Potash Area R-111-P

T 18S – R 30E
Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All
except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S – R 29E
Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J
K,N,O,P. Sec 23.
Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

T 19S – R 30E
Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec
10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec
24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32
Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S – R 31E
Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S – R 29E
Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec
23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit
A-H. Sec 36 Unit B-G.

T 20S – R 30E
Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P.
Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S – R 31E
Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P.
Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S – R 29E
Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec
23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S – R 30E
Sec 1 – Sec 36

T 21S – R 31E

Sec 1 – Sec 36

T 22S – R 28E
Sec 36 Unit A,H,I,P.

T 22S – R 29E
Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit
A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S – R 30E
Sec 1 – Sec 36

T 22S – R 31E
Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit
C,D,E,F,K,L,M,N. Sec 25
Unit A,B,C,D. Sec 26 Unit A,BC,D,G,H. Sec 27 – Sec 34.

T 23S – R 28E
Sec 1 Unit A

T 23S – R 29E
Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit
A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33
Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S – R 30E
Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit
A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec
33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S – R 31E
Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit
I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec
34. Sec 35 Unit C,D,E.

T 24S – R 29E
Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S – R 30E
Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11.
Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E
Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec
35 Unit E – P. Sec 36 Unit E,K,L,M,N.

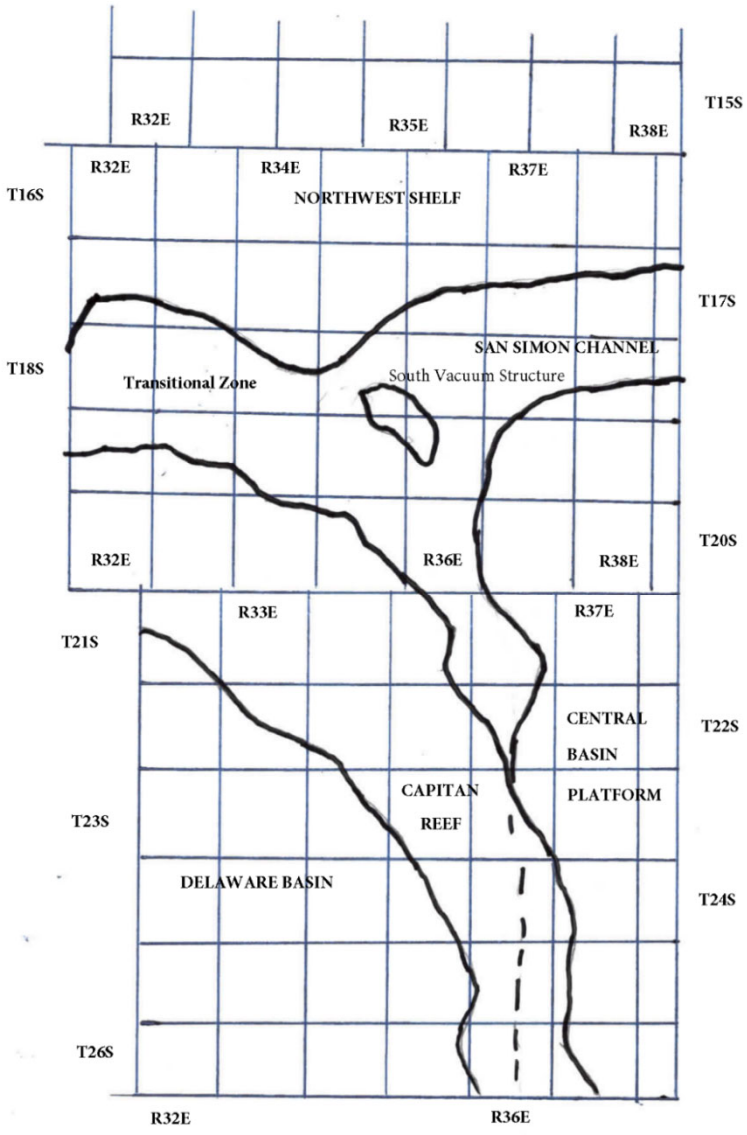
T 25S – R 31E
Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

Figure D1 and D2

South (Hobbs) Formations to be isolated with cement plugs are:

The plugging requirements in the Hobbs Area are based on the well location within specific areas of the Area (See Figure D1). The Formations in the Hobbs Area to be isolated with cement plugs are (see Figure D2)

**Figure D1 Map**



## Figure D2 Formation Table

| 100' Plug to isolate upper and lower fresh water zones (typically 250' to 350') | | | | | | |
|---|---|---|---|---|---|---|
| **Northwest Shelf** | **Captan Reef Area** | **Transition Zone** | **San Simon Channel** | **South Vacuum Structure** | **Delaware Basin** | **Central Basin Platform** |
| Granit Wash (Detrital basement material and fractured pre-Cambrian basement rock) | Siluro-Devonian | Morrow | Siluro-Devonian | Ellenburger | Siluro-Devonian | Granit Wash (Detrital basement material, fractured pre-Cambrian basement rock and fracture Mafic Volcanic intrusives). |
| Montoya | Mississippian | Atoka | Morrow | Mckee | Morrow | Ellenburger |
| Fusselman | Morrow | Strawn | Wolfcamp | Siluro-Devonian | Atoka | Connell |
| Woodford | Atoka | Cisco | Abo Reef | Woodford | Strawn | Waddell |
| Siluro-Devonian | Strawn | Pennsylvanian | Bone Spring | Mississippian | Pennsylvanian | Mckee |
| Chester | Pennsylvanian | Wolfcamp | Delaware | Barnett Shale | Lower Wolfcamp | Simpson Group |
| Austin | Wolfcamp | Bone Spring | San Andres | Morrow | Upper Wolfcamp | Montoya |
| Mississippian | Abo Reef, if present | Delaware | Queen | Atoka | Wolfcamp | Fusselman |
| Morrow | Abo, if present | San Andres | Yates | Strawn | Third Bone Spring Sand (Top of Wolfbone) | Silurian |
| Atoka | Queen, if present | Grayburg-San Andres | Base of Salt | Canyon | First Bone Spring Sand (Top of Lower Bone Spring) | Devonian |
| Lower Pennsylvanian | Bone Spring | Queen | Rustler | Pennsylvanian | Bone Spring | Strawn |
| Cisco-Canyon | Delaware | Seven Rivers | | Blinebry | Brushy Canyon | Pennsylvanian |
| Pennsylvanian | Base Capitan Reef | Yates | | Bone Spring | Delaware (Base of Salt) | Wolfcamp |
| Bough | Seven Rivers | Base of Salt | | San Andres | Rustler | Abo |
| Wolfcamp | Yates | Rustler | | Queen | | Abo Reef |
| Abo | Top Capitan Reef | | | Base of Salt | | Drinkard |
| Abo Reef, if present | Base of Salt | | | Rustler | | Tubb |
| Yeso (Township 15 South to Township 17 South) | Rustler | | | | | Blinebry |
| Drinkard or Lower Yeso (Township 15 South to Township 17 South) | | | | | | Paddock |
| Tubb (Township 15 South to Township 17 South) | | | | | | Glorieta |
| Blinebry (Township 15 South to Township 17 South) | | | | | | San Andres |
| Paddock (Township 15 South to Township 17 South) | | | | | | Grayburg |
| Glorieta | | | | | | Grayburg-San Andres |
| San Andres | | | | | | Queen |
| Queen (Township 15 South to Township 17 South) | | | | | | Seven Rivers |
| Seven Rivers (Township 15 South to Township 17 South) | | | | | | Yates |
| Yates (Township 15 South to Township 17 South) | | | | | | Base of Salt |
| Base of Salt | | | | | | Rustler |
| Rustler | | | | | | |

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**District III**
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
**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 300465

## CONDITIONS

| | |
|---|---|
| Operator:<br>XTO ENERGY, INC<br>6401 Holiday Hill Road<br>Midland, TX 79707 | OGRID:<br>5380 |
| | Action Number:<br>300465 |
| | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| gcordero | None | 1/18/2024 |