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.
	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.) 1. Type of Well: Oil Well ☐ Gas Well ☐ Other	7. Lease Name or Unit Agreement Name 8. Well Number
2. Name of Operator	9. OGRID Number
3. Address of Operator	10. Pool name or Wildcat
4. Well Location Unit Letter_____:_____feet from the _____ line and _____feet from the _____line Section Township Range NMPM County	
	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: ☐	

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.

See Changes to Plugging Plan

Spud Date: _____ 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 Michael LeBaron TITLE _____ DATE 01/16/2024

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED
BY: _____ TITLE Staff Manager DATE 1/19/24
Conditions of Approval (if any):

Plug and Abandonment Procedure
With Site Remediation
Remnant Oil Operating, Inc. (Operator of Record) Wells
Lea County, New Mexico
Prepared by
Revenir Energy (formerly Legacy Reserves Operating)
In Compliance with Standards as set forth by
Bureau of Land Management (BLM)
and/or
New Mexico Oil Conservation Division (NMOCD)

Well Name: North Caprock Celero Queen Unit 22
API: 3002500207
Lease No.: NM
Location: 1980 ft FNL & 660 ft FWL; E - S 32, Twp 14S, Rge 32E NMPM Lea County, NM
Lat: 33.23099990 **Lng:** -103.7407340 (NAD83)

Prior to initiating operations this procedure should be reviewed to ensure any changes or additions made as part of the Notice of Intent (NOI) approval are complied with. Additionally, if requested proper notification should be provided to the appropriate NMOCD Office.

Procedure

1.Prepare to move on locafion

- Assess primary road access to lease road; assess lease road condifion/maintenance; assess well pad condifion/maintenance.
- Visually idenfify any wellsite/well pad areas of concern; quanfify as to need for further review.
- If further review is warranted, have the review completed prior to any road/wellsite preparafion or maintenance.
- Idenfify Service Rig fie-down points and confirm safety compliance if fie-downs not found install compliant fie-downs.
- Idenfify all flowlines (lines from wellhead to treafing/storage facilifies) depths and routes.
- Idenfify all gathering lines (liquid and/or gas lines from wellhead/facilifies to point of custody transfer) depths and routes.
- Prepare/maintain road/wellsite as per standards set forth in original APD barring that guidance prepare/maintain to local industry standards.
- Dig out wellhead to expose valves including Braden head valve if installed.
- Establish safety guidance and standards for road/wellsite.
- Hold safety meefing for all personnel and service providers moving onto locafion.

2.MIRU Service Unit, circulafing pump, 3 open top steel tanks (clean, dirty, mud), pipe racks, 3200 ft 2 3/8” N-80 (tested work string).

3.Using proper safety protocol establish pressure readings across casing valves, including Braden head.

4.Install BOP; tesfing to industry standards.

5.TOOH w/ rods and pump; laying down on sills.

6.TOOH w/ tbg (no reference to tbg anchor); laying down on racks.

7.MIRU Wireline. RIH w/ 5 ½” CIBP, set CIBP @ +/-2960 ft. Test casing and plug 500psi/30min - Run CBL

8.PU Work string. TIH spot 100 ft cmt (Class C) plug on top of CIBP. WOC. Displace hole with 9.5 ppg stabilized drilling mud. TOOH with tbg.

Well Name: North Caprock Celero Queen Unit 22
API: 3002500207
Lease No.: NM
Location: 1980 ft FNL & 660 ft FWL; E - S 32, Twp 14S, Rge 32E NMPM Lea County, NM
Lat: 33.23099995 **Lng:** -103.7407340 (NAD83)

9. Spot 15 sx cmt 1515' - 1415' - T Salt
10. Perforate @ 365' attempt to sqz and cement to surface
11. TIH w/ tbg. Displace csg volume from +/- 600 ft to surface w/ Class C cmt.

12. Cut csg 3 ft below ground level. Weld on ¼ thick steel cap with weep hole and following inscription:
    Well Name and Number
    Legal Description
    Lease Number
    API Number
    Date

This information as well as pertinent operations performed under this procedure will be provided in the subsequent filling of NMOCD Form C-103.

11. Drain fluid from work tanks and transport to approved disposal facilities or if applicable and regulatory compliant transport to other industry approved sites for use in ongoing work applications.

12. Identify oilfield tubulars (downhole and surface) from the site as junk, structural grade or reusable. Tubulars qualified as junk should be transported to an approved handling facility. Tubulars identified as structural grade should be sold (at prevailing market price) to and transported off location by an approved vendor. Tubulars identified as reusable should be sold or, if transferred to other operations, credited value (at prevailing market price). Any value received from the tubulars should be credited to offset the P&A cost of the well.

13. Identify Onsite treating vessels/equipment or storage vessels as junk or reusable. Vessels/equipment qualified as junk should be transported or deconstructed for transportation to an approved handling facility. Vessels/equipment identified as reusable should be sold or, if transferred to other operations, credited value (at prevailing market price). Any value received from the vessels/equipment should be credited to offset the P&A cost of the well.

14. Identified buried flowlines and gathering lines should be abandoned in place to minimize additional surface disturbance and provided the lines are at a depth that would not impact anticipated future use. The line(s) should be evacuated of all liquid or gaseous content with an environmentally neutral fluid. The lines should be capped in a permanent manner with the volume of the line(s) being filled, at atmospheric pressure, with the environmentally neutral fluid. Identified surface flowlines and gathering will be evacuated of all liquid or gaseous content with an environmentally neutral fluid. The lines will then be removed with tubulars being identified as junk or structural grade. Tubulars qualified as junk should be transported to an approved handling facility. Tubulars identified as structural grade should be sold (at prevailing market price) to and transported off location by an approved vendor. Any value received from the tubulars should be credited to offset the P&A cost of the well.

15. The disturbed surface location will then be “back dragged” or graded to compile any excess Caliche or gravel type surface coverings. The complied material will be transported to a centralized location as part of a multi-well Plug and Abandonment/Remediation program. From this centralized location the material will be recycled for compatible surface use coverage.

16. Grade berms on location constructed of soil, assuming soil is compliant with native soil, back into location. Excess should be used to fill well cellar. Remove Service Rig tie downs, use berm soil to fill holes if necessary.

17. With the well site surface location and access road clear of oil field operations, the location and “Oil Field” use specific road will be cross ripped to a tillable consistency. An approved grass/ground cover seed will be tilled-in across the cross ripped area. Subject to local conditions this planting will be allowed to naturally create ground cover of the disturbed area.

18. The operator shall mark the exact location of the plugged and abandoned well 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 operator’s name, lease name and well number and location, including unit letter, section, township and range, shall be welded, stamped or otherwise permanently engraved into the marker’s metal. NMOCD will then be notified for final inspection and release.

Revenir Energy
Wellbore Diagram

Well Status: SI 11/1/2023

North Caprock Clero Queen Unit #022
Remnant Oil Operating, L.L.C.
API 3002500207 S 32 Twp 12S Rge 32E
Lat 33.2369995 Lng -103.7467346 (NAD83)
Lea County, New Mexico

Wellhead:
9 5/8" x 5 1/2" 2000# Larkin Type Wellhead

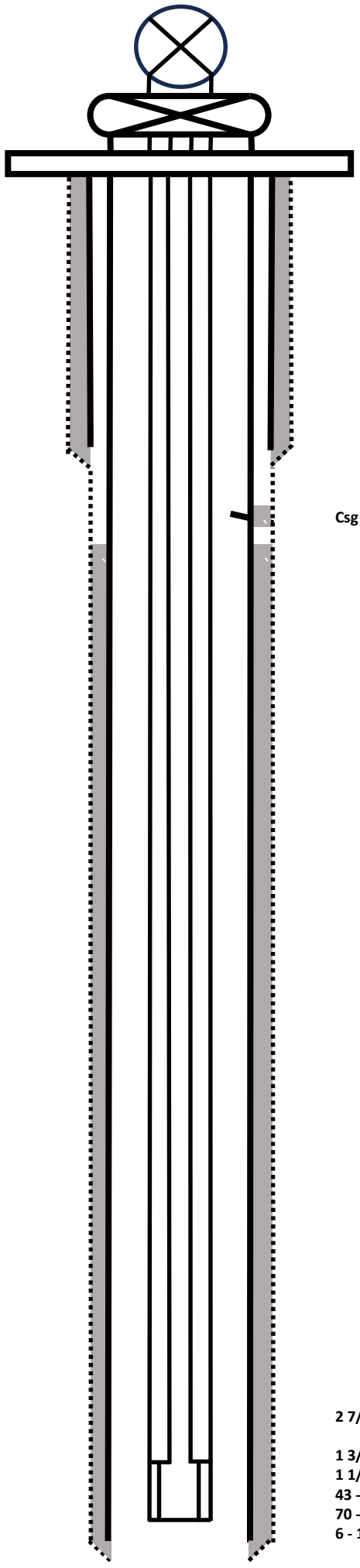
KB 4379 Ft

GL 4372 Ft

Conductor
N/A

Surface Hole 12 1/4"

Surface Csg
9 5/8" 40#/ft (Used); Set @ 313
Cmt'd w 430 sx circ'd



Protected Ground Water N/A

Csg Leak: 453 to 486 ft (Csg Inspctn Log)
Sqz w/ 150 sx Class C; 138 sx displaced into hole
Press Tst'd to 1124 psi

7 7/8" Hole

Production Csg
5 1/2" 14#/ft (New); Set @ 3021 ft
Cmt'd w 700 sx; Plug @ 2978 ft

Surface Pictures (10/2023) indicate rods and tbg in hole
Best available data (7/2013)

2 7/8" tbg 6.5#/ft set @ 3003 ft

1 3/4" x 6 ft Tbg Pump run on
1 1/4" x 16 ft polish rod
43 - 7/8" x 25 ft rods
70 - 3/4" x 25 ft rods
6 - 1 1/2" x 25 ft sinker bars

Original TD 3024 ft

Drill Plug Out &OH to 3040 ft (7/2013)

Revenir Energy
Wellbore Diagram

Well Status: Proposed PA 11/1/2023

North Caprock Clero Queen Unit #022

Remnant Oil Operating, L.L.C.

API 3002500207 S 32 Twp 12S Rge 32E

Lat 33.2369995 Lng -103.7467346 (NAD83)

Lea County, New Mexico

Wellhead:
9 5/8" x 5 1/2" 2000# Larkin Type Wellhead

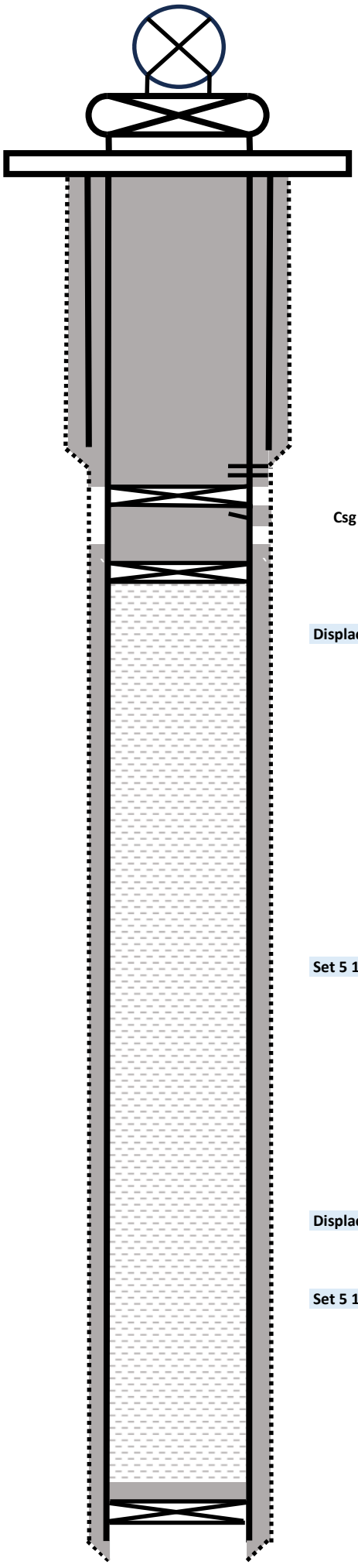
KB 4379 Ft

GL 4372 Ft

Conductor
N/A

Surface Hole 12 1/4"

Surface Csg
9 5/8" 40#/ft (Used); Set @ 313
Cmt'd w 430 sx circ'd



Protected Ground Water N/A

Csg Leak: 453 to 486 ft (Csg Inspctn Log)
Sqz w/ 150 sx Class C; 138 sx displaced into hole
Press Tst'd to 1124 psi

Displace csg volume from +/- 400 ft to to surface with cmt

7 7/8" Hole

Production Csg
5 1/2" 14#/ft (New); Set @ 3021 ft
Cmt'd w 700 sx; Plug @ 2978 ft

Set 5 1/2" CIBP at +/-400 ft

Displace csg volume from +/- 2860 ft to +/- 400 ft w/ 9.3 ppg mud

Set 5 1/2" CIBP at +/-2960 ft w/ 100 ft cmt on top

Original TD 3024 ft

Drill Plug Out &OH to 3040 ft (7/2013)

Lithology Record with Formation Tops

The information presented is a compilation of publicly available data and Operator data (if available and documented) and based on age of well and type of data (log ; mudlog; cuttings) represent best interpretation and correlation.

Well: North Caprock Celero Queen Unit 22
API: 3002500207
Lease No.:
Location: 1980 ft FNL & 660 ft FWL; E - S 32, Twp 14S, Rge 32E NMPM Lea County, NM
Lat: 33.2309999
Lng: -103.7407340
KB, ft: 4,379 (KB >>> DF)
GL, ft: 4,372

Comments:
The original wellbore was drilled in 1969 and it's Lithology Report is reflective of the standards at the time. Data captured during the re-entry to deepen the well in 2013 provided some validation of the lithology and the representative formation; although this was limited with pipe in the hole. The table below provides the best compilation from available data.

Starting MD, ft	Starting TVD, ft	Ending MD, ft	Ending TVD, ft	KB / GL	Thcknss, ft	Lithology Description	Identified Formation	Formation Top TVD, ft	Formation Top SS, ft
0	0	38	38	KB	38	Caliche			
38	38	200	200	KB	162	Caliche, Shale & Sand			
200	200	275	275	KB	75	Shale & Red Bed			
275	275	600	600	KB	325	Red Bed			
600	600	829	829	KB	229	Red Bed & Shale			
829	829	1,090	1,090	KB	261	Red Bed & Shale			
1,090	1,090	1,365	1,365	KB	275	Red Bed & Shale			
1,365	1,365	1,462	1,462	KB	97	Shale & Anhydrite	Anhydrite	1,365	3,014
1,462	1,462	1,938	1,938	KB	476	Anhydrite & Salt	Anhydrite/Salt	1,462	2,917
1,938	1,938	2,697	2,697	KB	759	Anhydrite & Shale			
2,697	2,697	3,021	3,021	KB	324	Anhydrite, Gypsum & Shale			
3,021	3,021	3,040	3,040	KB	19	Sand	Queen	3,021	1,358

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

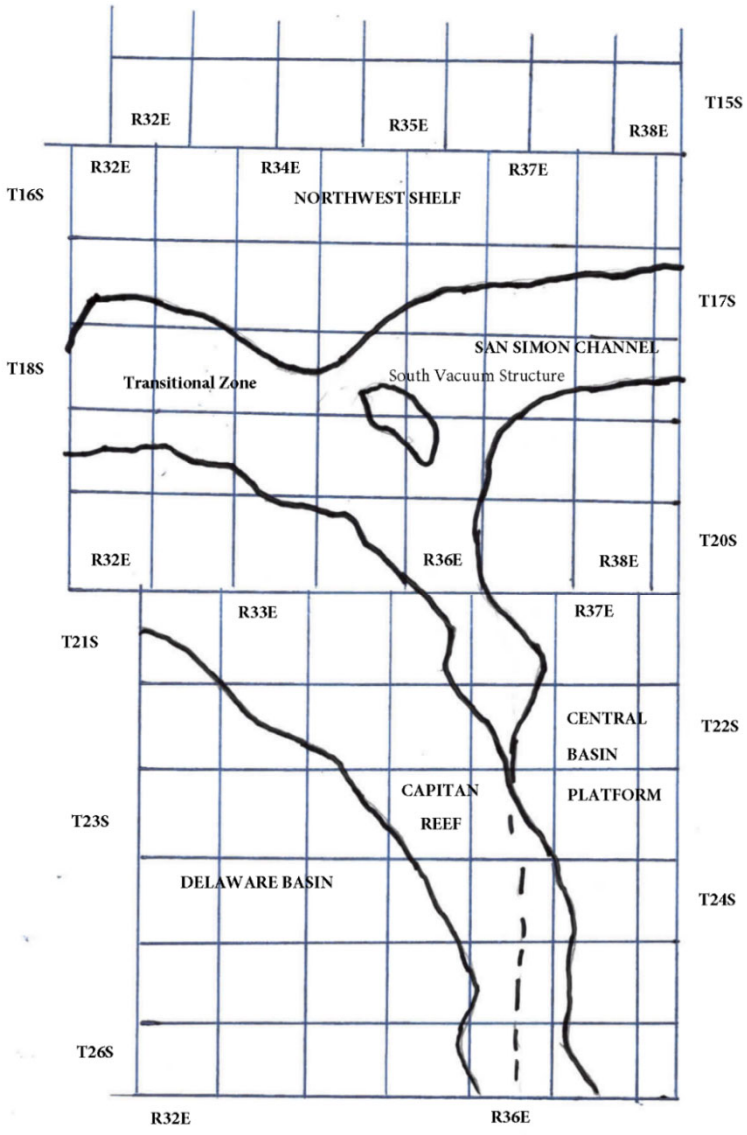


Figure D2 Formation Table

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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Energy, Minerals and Natural Resources
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COMMENTS

Action 303985

COMMENTS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 303985
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	1/22/2024

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CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/19/2024