

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 August 1, 2011

WELL API NO. 30-005-60360	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No. L0-1894-1	
7. Lease Name or Unit Agreement Name SOUTH LUCKY LAKE QUEEN UNIT	
8. Well Number 001	
9. OGRID Number 371067	
10. Pool name or Wildcat LUCKY LAKE QUEEN, SOUTH	
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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> 2. Name of Operator BAR V BARB, LLC 3. Address of Operator P.O. BOX 4435, ROSWELL, NM 88202 4. Well Location Unit Letter P : 330 feet from the SOUTH line and 990 feet from the EAST line Section 16 Township 15S Range 29E NMPM CHAVES County 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,840.8' – GR	

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

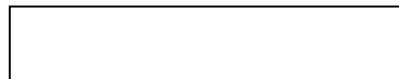
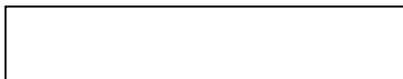
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <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.

THIS IS AN ORPHANED WELL. BY LETTER DATED JUNE 6, 2024, NMOCDD HAS AUTHORIZED PERMIAN RESOURCES TO PLUG AND ABANDON THE SOUTH LUCKY LAKE QUEEN UNIT #001 AND #002 WELLS (APIS 30-005-60360 & 30-005-60371) ON NMOCDD'S BEHALF PURSUANT TO ITS AUTHORITY UNDER ORDER NO. R-21756. PERMIAN RESOURCES OPERATING, LLC AND NEW MEXICO OIL CORPORATION RESPECTFULLY SUBMIT THIS NOI TO P&A ON BEHALF OF BAR V BARB, LLC.

- 1) SET 4-1/2" CIBP @ 1,750'; CIRC. WELL W/ M.L.F.; PRES. TEST CSG. TO 500# X HOLD 30 MINS.; RUN CBL.
- 2) PUMP (25) SXS. CLASS "C" CMT. @ 1,750'-1,550'; WOC X TAG TOC.
- 3) PERF. X ATTEMPT TO SQZ. (150) SXS. CLASS "C" CMT. @ 1,295'-831' (T/7-R, T/YATES, B/SALT); WOC X TAG.
- 4) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (110) SXS. CLASS "C" CMT. @ 330'-3' (8-5/8" SHOE, T/SALT).
- 5) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE TO CSGS. X INSTALL BELOW GROUND DRY HOLE MARKER (LPCH AREA).

DURING THIS PROCEDURE WE PLAN TO USE THE CLOSED-LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.



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

SIGNATURE Jessica Dooling TITLE: Regulatory Specialist

DATE: 11/26/2024

Type or print name: Jessica Dooling

E-mail address: jessica.dooling@permianres.com PHONE: 432-999-3072

For State Use Only

APPROVED BY _____ TITLE _____ DATE _____
Conditions of Approval (if any):

CURRENT.

SECT 16 TWN 15 S RNG 29 E
FROM 330 N 990 E W L
TD: 1,825' FORMATION @ TD
PBTD: 1,800' FORMATION @ PBTD

8-5/8"
@ 280'
TOC SURF.

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	8.5/8"	280'	SURF.	CIRC. (100)	
INTMED 1					
INTMED 2					
PROD	4-1/2"	1,825'	N/A	C106)	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMED 1			PERFS	1,761' - 1,771'	
INTMED 2			OPENHOLE	-	
PROD					

* REQUIRED PLUGS DISTRICT 1

RUSTLER (ANHYD)	
YATES	
QUEEN	
GRAYBURG	
SAN ANDRES	
CAPTAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	
GLORIETA	
BLINERRY	
TUBB	
DRINKARD	
ABO	
WC	
PENN	
STRAWN	
ATOKA	
MORROW	
MISS	
OEYONIAN	

[illegible]

DAS 09/07/2024:

PLUGGING & ABANDONMENT WORKSHEET

30-005-60360

PURPOSED

OPERATOR

BAR V BARB, LLC (371067)

LEASENAME

SOUTH LUCKY LAKE QUEEN UNIT

WELL #

001

SECT

16 TWN

155 RNG

29E

FROM

330' NSL

990' EWL

TD:

1,825'

FORMATION @ TD

PBSD:

1,800'

FORMATION @ PBSD

8-5/8"

@ 280'

TOC SURF.

PERF. X CIRC. (110) SXS @ 330'-3'

T/SALT ~280'

B/SALT ~881'

T/YAES ~1,030'

T/7-R ~1,245'

T/AN ~1,758'

m.l.f.

PERF. X SQZ. (150) SXS @ 1,295'-83'-TAG.

m.h.f.

Pump (25) SXS @ 1,750'-1,550' ~TAG

SET 4-1/2" CIBP @ 1,750'

1,761'-71'

4-1/2"

@ 1,825'

TOC N/A.

TD 1,825'

D&E 09/07/2024

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan-Grisham
Governor

Melanie A. Kenderdine
Cabinet Secretary Designate

Dylan M. Fuge
Deputy Secretary

Dylan M. Fuge Division Director (Acting)
Oil Conservation Division



BY ELECTRONIC MAIL

Dana Hardy
Counsel for Permian Resources
Permian Resources Operating, LLC
300 N. Marienfeld Street, Suite 1000
Midland, Texas 79701

Re: Oil Conservation Division Authorization for Permian Resources to Plug and Abandon Well(s)

Ms. Hardy:


The Oil Conservation Division ("OCD") received your email of May 20, 2024, requesting authorization for Permian Resources Operating, LLC ("PR") to plug and abandon the following wells: South Lucky Lake Queen Unit #001 and #002 (APIs 30-005-60360 & 30-005-60371). Bar V Barb, LLC. ("BVB") is the registered operator of these wells and PR is the leaseholder where the wells are located. As the leaseholder, PR may be deemed a responsible operator for purposes of plugging and remediation activities or for indemnification of costs incurred by OCD for such activities.

On June 24, 2021, OCD issued Order R-21756, setting forth plugging compliance deadlines to be met by BVB. That Order is incorporated herein as though set forth in full. BVB has not complied with the plugging deadline established in the Order and OCD is authorized to plug and abandon the well.

OCD hereby authorizes PR to plug and abandon the above-identified wells on OCD's behalf pursuant to its authority under R-21756.

Please contact Jesse Tremaine, Attorney Supervisor at (505) 231-9312 or JesseK.Tremaine@emnrd.nm.gov with questions, including the submission of plugging sundries as OCD will not be transferring operatorship to you and will need to place the plugging sundries into the well files.

Regards,


Dylan M. Fuge
Director (Acting)

6/6/24
Date

cc: EMNRD-OGC

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**IN RE NOTICE OF VIOLATION ISSUED TO
BAR V BARB, LLC**

**CASE NO. 21900
ORDER NO. R-21756**

ORDER

This matter came before the Director of the New Mexico Oil Conservation Division (“Division”) on the Notice of Violation (“NOV”) issued to Bar V Barb, LLC (OGRID # 371067) (“BVB”). The Division Hearing Examiner conducted a public hearing on June 2, 2021. The Director, having considered the testimony and evidence presented, and the recommendations of the Hearing Examiner, enters the following findings, conclusions and order.

FINDINGS OF FACT

1. The Division has jurisdiction over the parties and the subject matter herein.
2. The Division gave notice of the hearing as required by 19.15.5.10 NMAC.
3. The Division presented the testimony of one witness, Mr. Daniel Sanchez, Chief of the Division’s Administrative and Compliance Bureau, and offered 6 exhibits in support of his testimony.
4. On March 10, 2021, the Division issued the NOV, which alleged 2 violations:
 - a. BVB has more inactive wells than allowed by 19.15.5.9(A)(4)(a) NMAC. BVB is the registered operator of 17 wells in the state of New Mexico. Because BVB operates less than 100 wells, it must plug and abandon or place into approved temporary abandonment (“TA”) status those inactive wells that exceed the lesser threshold of 2 wells or 50 percent of all wells. *Id.* BVB has 2 wells in approved TA status until 2023 and 15 wells that are inactive and have not been plugged and abandoned nor placed into approved TA status:

<u>API</u>	<u>Well</u>	<u>Last Production Reported</u>
30-005-20403	Federal 21 #001	6/2019
30-005-20361	Federal 28 #001	6/2019
30-005-20372	Federal 28 #003	6/2019
30-005-60360	South Lucky Lake Queen Unit #001	6/2019

**FINAL ORDER
CASE NO. 21900**

PAGE 1 OF 4

30-005-61227	South Lucky Lake Queen Unit #001E	7/2013
30-005-60244	South Lucky Lake Queen Unit #001F	7/2013
30-005-60371	South Lucky Lake Queen Unit #002	6/2019
30-005-60375	South Lucky Lake Queen Unit #002B	6/2019
30-005-60361	South Lucky Lake Queen Unit #002C	6/2019
30-005-60382	South Lucky Lake Queen Unit #002X	6/2019
30-005-60350	South Lucky Lake Queen Unit #002Z	6/2019
30-005-60352	South Lucky Lake Queen Unit #003	6/2019
30-005-60377	South Lucky Lake Queen Unit #003B	6/2019
30-005-20384	WR Means #002	6/2019
30-005-20386	WR Means #003	4/2019

For this violation, the Division requested an order requiring BVB to plug and abandon the wells or to allow the Division to do so, and if the Division plugs and abandons the wells, to forfeit the financial assurance for the wells and require BVB to pay the excess cost to plug and abandon the wells. The Division also proposed to assess a civil penalty of three thousand nine hundred dollars (\$3,900).

b. BVB does not have sufficient financial assurance for inactive wells as required by 19.15.5.9(D) NMAC. BVB is the registered operator of 3 inactive wells that are not covered by blanket financial assurance and have insufficient one well financial assurance.

API	Well	Existing FA	Required FA
30-005-60360	South Lucky Lake Queen Unit #001	\$6,825	\$28,650
30-005-60371	South Lucky Lake Queen Unit #002	\$6,800	\$28,600
30-005-60332	South Lucky Lake Queen Unit #001A	\$6,848	\$28,696

For this violation, the Division requested an order requiring BVB to provide sufficient one well or blanket financial assurance for the wells, and proposed to assess a civil penalty of nine hundred dollars (\$900).

5. The NOV provided that a process is available for the informal review and resolution of the alleged violations in the NOV. If the NOV is not resolved informally within 30 days after service of notice, the Division will hold a hearing. 19.15.5.10(C)(1)(f) NMAC. The Division served the NOV on BVB. BVB did not contact the Division during the informal resolution period, which expired on or about April 9, 2021.

6. On April 15, 2021, the Division filed and served the Docketing Notice.

7. BVB did not file an answer to the NOV and the Docketing Notice as required by 19.15.5.10(E)(2)(b) NMAC.

8. BVB did not appear at the hearing.

CONCLUSIONS OF LAW

9. The Division is authorized, when it determines that a person is violating, or has violated, the Oil and Gas Act (“Act”), or any provision of a rule, order, permit, or authorization issued under the Act, to seek compliance and civil penalties by issuing a notice of violation. NMSA 1978, §70-2-31(A).

10. The Division followed the requirements of the Act and the rules in issuing a Notice of Violation which described the alleged violations and possible sanctions and provided an opportunity for an informal resolution of the violations. The Division fulfilled the requirements to properly serve BVB with the Notice of Violation and the Notice of Docketing.

11. Based on the Division’s testimony and evidence, the Director finds that BVB violated 19.15.5.9(A)(4)(A) NMAC, by failing to plug and abandon inactive wells; and 19.15.5.9(D) NMAC, by failing to maintain sufficient financial assurance for inactive wells.

12. The Act and the rules authorize a series of possible sanctions for violations. NMSA 1978, §70-2-31(B); 19.15.5.10(B) NMAC. Based on the evidence presented, the Director concludes that the proposed sanctions are appropriate for the violations.

ORDER

1. BVB’s authority to transport from all wells is hereby revoked.

2. BVB shall plug and abandon the 15 wells identified in paragraph 4(a) no later than 30 days after issuance of this Order.

3. If BVB fails to plug and abandon the 15 wells identified in paragraph 4(a) no later than 30 days after issuance of this Order, the Division shall be authorized to plug and abandon the wells and to forfeit the financial assurance for the wells, and BVB shall pay the excess cost to plug and abandon the wells no later than 30 days after actual or attempted service of the Division’s written demand.

4. BVB is assessed civil penalties in the amount of four thousand eight hundred dollars (\$4,800). BVB shall pay the full amount of the civil penalty assessed in this Order no later than 30 days after the Director serves the Order unless BVB files a notice of appeal to the Oil Conservation Commission.

5. The Division retains jurisdiction of this matter for the entry of such further orders as it may deem necessary.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



**ADRIENNE SANDOVAL
DIRECTOR**

AES/bb

Date: 6/24/2021

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

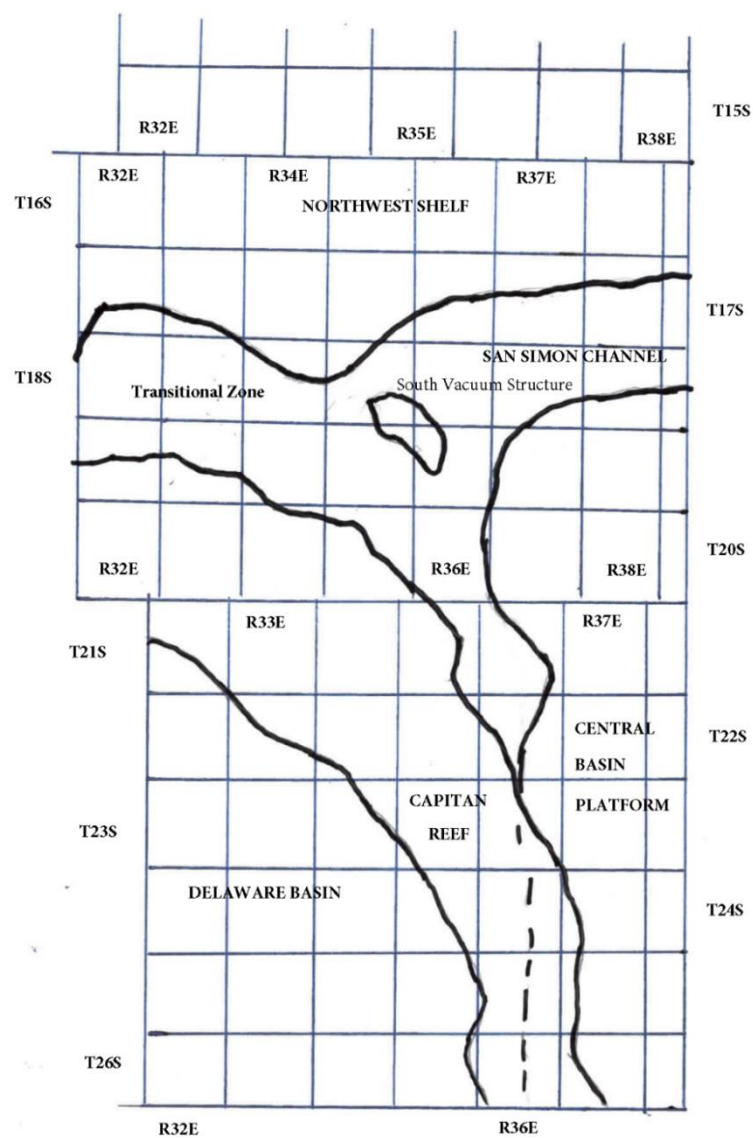


Figure D2 Formation Table

100' P'lug to isolate upper and lower fresh water zones (typiailly 2.50' to 350')						
NDItrhwst Shelf	C;iptan Reef Area	Tran5ition Zone	San Simon Oh.annel	South \lacJUUm Structure	Delaware Basin	Ce<n,tiral Basin Platform
Granit \./ash (Detrital basement material and fractured pre-Cambrian basement rock)	Siluro-Devonian	Morrow	Siluro-Devonian	Ellenburger	Siluro-Devonian	Granit \./ash (Detrital basement material, fractured pre-Cambrian basement rock and fracture Mafic Volcanic intrusives).
Montoya	Mississippian	Atoka	Morrow	Mckee	Morrow	Ellenburger
Fusselman	Morrow	Strawn	\./olfcamp	Siluro-Devonian	Atoka	Connell
Woodford	Atoka	Cisco	Abo Reef	Woodford	Strawn	Waddell
Siluro-Devonian	Strawn	Pennsylvanian	Bone Spring	Mississippian	Pennsylvanian	Mckee
Chester	Pennsylvanian	\./olfcamp	Delaware	Barnett Shale	Low er \./olfcamp	Simpson Group
Austin	\./olfcamp	Bone Spring	San Andres	Morrow	Upper \./olfcamp	Montoya
Mississippian	Abo Reef, if present	Delaware	Queen	Atoka	\./olfcamp	Fusselman
Morrow	Abo, if present	San Andres	Yates	Strawn	Third Bone Spring Sand (Top of \./olfbone)	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	Delaw are (Base of Salt)	\./olfcamp
Bough	Seven Rivers	Base of Salt		San Andres	Rustler	Abo
\./olfcamp	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 Low er 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						

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

CONDITIONS

Action 406711

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 406711
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify the OCD inspection supervisor via email 24 hours prior to beginning Plug & Abandon (P&A) operations.	12/19/2024
loren.diede	A Cement Bond Log (CBL) is required for all Plug & Abandons (P&A) unless a CBL is currently on file with the OCD that can be used to properly evaluate the cement behind the casing.	12/19/2024
loren.diede	Attach a photo of the below ground P&A marker and GPS coordinates of the marker and submit with the C-103P subsequent P&A report.	12/19/2024