Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No. NMNM20073

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

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Do not use this f	IOTICES AND REPORTS ON WEL form for proposals to drill or to re Use Form 3160-3 (APD) for such p	e-enter an	6. If Indian, Allottee o	or Tribe Name	
SUBMIT IN 1	TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agree	ement, Name and/or No.	
1. Type of Well Oil Well Gas W	Vell Other		8. Well Name and No.	PRONGHORN AAP/01	
2. Name of Operator CIMAREX ENER	RGY COMPANY OF COLORADO		9. API Well No. 3002	2528927	
3a. Address 6001 DEAUVILLE BLVI		lude area code)	10. Field and Pool or		
	(432) 620-1936		CRUZ/CRUZ		
4. Location of Well (Footage, Sec., T.,R SEC 8/T23S/R33E/NMP	.,M., or Survey Description)		11. Country or Parish, LEA/NM	, State	
12. CHE	CK THE APPROPRIATE BOX(ES) TO INDICA	ATE NATURE OF NOTI	CE, REPORT OR OTH	HER DATA	
TYPE OF SUBMISSION		TYPE OF AC	TION		
✓ Notice of Intent	Acidize Deepen Alter Casing Hydrauli		luction (Start/Resume)	Water Shut-Off Well Integrity	
	Casing Repair New Cor		omplete	Other	
Subsequent Report	Change Plans		porarily Abandon		
Final Abandonment Notice	Convert to Injection Plug Bac peration: Clearly state all pertinent details, inclu		er Disposal		
completion of the involved operation completed. Final Abandonment Notice ready for final inspection.) 1) SET 5-1/2" CIBP @ 5,100'; "C" CMT. @ 5,100'-4,900'; WC 4) PERF. X ATTEMPT TO SQ SQZ. (45) SXS. CLASS "C" CC CMT. @ 890'-790' (8-5/8" CSC CMT. @ 100'-3'. 8) DIG OUT X PLATE TO CSGS. X INSTALL DURING THIS PROCEDURE REQUIRED DISPOSAL, PER	WE PLAN TO USE A CLOSED-LOOP SYS OCD RULE 19.15.17.	tion or recompletion in a cluding reclamation, have CSG. X CIBP TO 50 SQZ. (50) SXS. CLAS 747' (T/SALT); WOC X G TOC. 6) PERF. X A IRC. TO SURF., FILLII CMT. TO SURF. ON A	new interval, a Form 3 ve been completed and to 10 m X HOLD. 2) PUMI SS "C" CMT. @ 3,762 TAG TOC. 5) PERF TTEMPT TO SQZ. (4 NG ALL ANNULI; WELD	the operator has detennined that the state operator has been stated by the state of	beer
14. I hereby certify that the foregoing is DAVID EYLER / Ph: (432) 687-303	s true and correct. Name (Printed/Typed) 33	Agent			
Signature (Electronic Submission			3/2024 05/23/2	2024	
	THE SPACE FOR FEDER				
Approved by	Approved	Petroleum En		06/23/2024	
	hed. Approval of this notice does not warrant or equitable title to those rights in the subject lease			Date	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Information

Location of Well

0. SHL: SWSW / 330 FSL / 330 FWL / TWSP: 23S / RANGE: 33E / SECTION: 8 / LAT: 32.3129348 / LONG: -103.6018804 (TVD: 0 feet, MD: 0 feet) BHL: SWSW / 330 FSL / 330 FWL / TWSP: 23S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No. NMNM20073

FORM APPROVED	
OMB No. 1004-0137	
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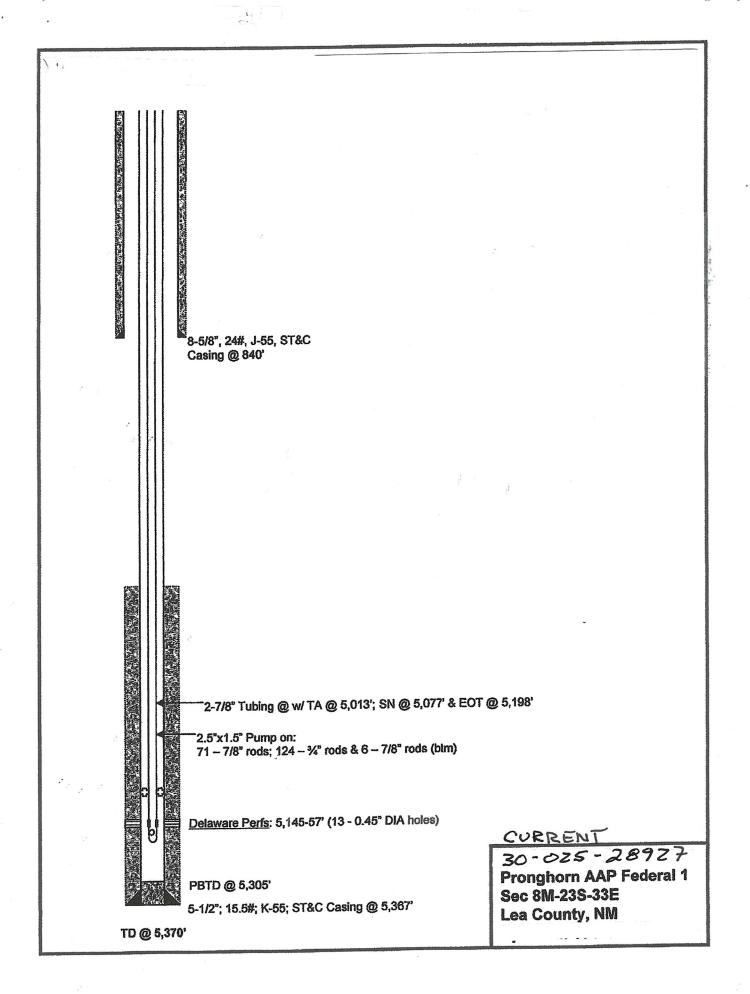
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Do not use this f	OTICES AND REPORTS ON WE orm for proposals to drill or to Use Form 3160-3 (APD) for sucl	re-enter an	6. If Indian, Allottee of	r Tribe Name
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12. CHE	CK THE APPROPRIATE BOX(ES) TO INDI	CATE NATURE OF NOT	ICE, REPORT OR OTH	HER DATA
TYPE OF SUBMISSION	:	TYPE OF AC	TION	
✓ Notice of Intent		ulic Fracturing Rec	duction (Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report			omplete porarily Abandon	Other
Final Abandonment Notice	Convert to Injection Plug B		er Disposal	
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14. I hereby certify that the foregoing is DAVID EYLER / Ph: (432) 687-303	true and correct. Name (Printed/Typed)	Agent		
(Electronic Submission		Title 7 Date 07/03	3/2024 05/23/2	024
	THE SPACE FOR FEDE			
Approved by				06/09/0004
LONG VO / Ph: (575) 988-5402 / /	Approved	Petroleum En		06/23/2024 Date
Conditions of approval, if any, are attac certify that the applicant holds legal or which would entitle the applicant to con	hed. Approval of this notice does not warrant equitable title to those rights in the subject lea duct operations thereon.	or Office CARLSBAD)	
			110 11 . 1 . 1	turnet and a second of the I I leited Ctates

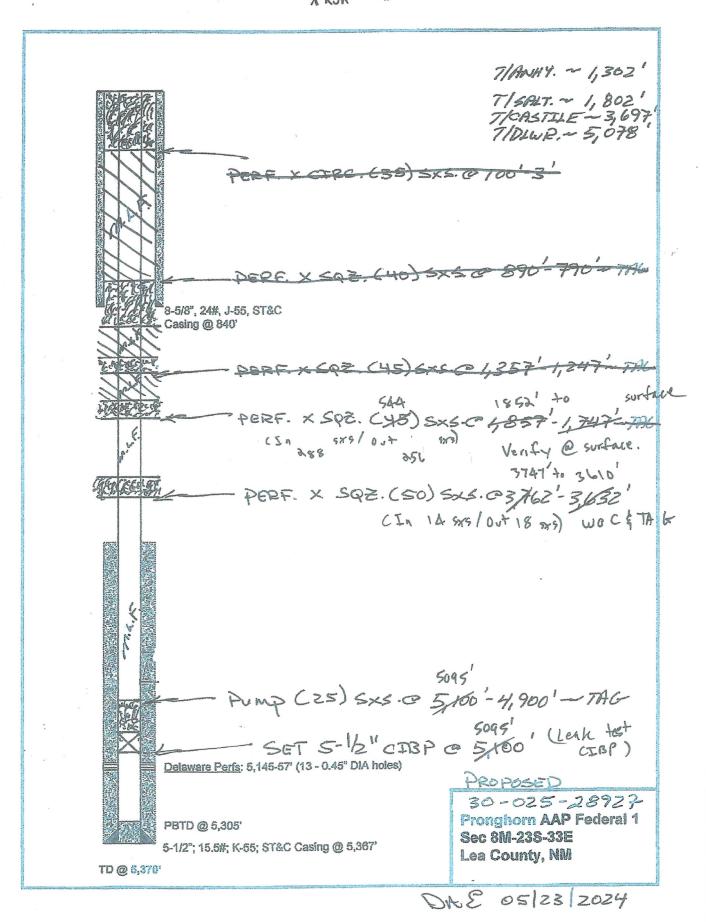
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Additional Information

Location of Well

0. SHL: SWSW / 330 FSL / 330 FWL / TWSP: 23S / RANGE: 33E / SECTION: 8 / LAT: 32.3129348 / LONG: -103.6018804 (TVD: 0 feet, MD: 0 feet) BHL: SWSW / 330 FSL / 330 FWL / TWSP: 23S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)





Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: October 31, 202

DEI	ARTMENT OF THE INTE	RIOR		Expires	: October 31, 2021	
BUR	EAU OF LAND MANAGE	MENT		5. Lease Serial No. NMN	IM20073	
Do not use this t	NOTICES AND REPORTS form for proposals to dr Use Form 3160-3 (APD)	ill or to re-enter an	,	6. If Indian, Allottee or Tr	ibe Name	
	TRIPLICATE - Other instructions	s on page 2		7. If Unit of CA/Agreemen	nt, Name and/or No.	
1. Type of Well Oil Well Gas V	Vell Other			8. Well Name and No. PR		
2. Name of Operator CIMAREX ENE				9. API Well No. 3002528	ONGHORN AAP/01	
3a. Address 6001 DEAUVILLE BLV	(432)) 620-1936		10. Field and Pool or Exploratory Area CRUZ/CRUZ		
4. Location of Well (Footage, Sec., T.,F SEC 8/T23S/R33E/NMP	P.A.L. or Survey Description)			11. Country or Parish, State LEA/NM		
12. CHF	CK THE APPROPRIATE BOX(ES	S) TO INDICATE NATURE	OF NOTI	CE, REPORT OR OTHER	DATA	
TYPE OF SUBMISSION	:	TYP	E OF ACT	TION		
✓ Notice of Intent	Acidize Alter Casing	Deepen Hydraulic Fracturing	Prod	uction (Start/Resume) [Water Shut-Off Well Integrity	
Subsequent Report	Casing Repair	New Construction		mplete	Other	
Final Abandonment Notice	Convert to Injection	✓ Plug and Abandon Plug Back	Personal	oorarily Abandon r Disposal		
"C" CMT. @ 5,160'-4,900'; WC 4) PERF. X ATTEMPT TO SQ SQZ (45) SXS. CLASS "C" C CMT. @ 890'-790' (8-5/8" CSC CMT. @ 100-5'. 8) DIG OUT X PLATE TO CSGS. X INSTALL	Z. (35) SXS. CLASS "C" CMT. (MT. @ 1,357' 1,247' (T/ANHY.); C-SHOE); WOC X TAG TOC. 7) X CUT OFF WELLHEAD 3' B.G. DRY HOLE MARKER. WE PLAN TO USE A CLOSED	TEMPT TO SQZ. (50) SX @ 1,867 1,747 (T/SALT); 	S. CLASS WOC X RF. X AT F., FILLIN RF. ON A	S "C" CMT. @ 3,762-3,6 TAG TOG. 5) PERF. X A TEMPT TO SOZ. (40) S IG ALL ANNULI, (35) SX ILL ANNULI; WELD ON S	192" (T/CASTILE). (3747° to 3660 NTTEMPT TO (1,0 288 965/00t 256 NS. CLASS "S" NS. CLASS "C" STEEL	
14. I hereby certify that the foregoing is DAVID EYLER / Ph: (432) 687-303		Agent Title				
Signature (Electronic Submission	S. Award &	Date 07	103	3/2024/5/23/2024		
	THE SPACE FOR	R FEDERAL OR STA	TE OF	ICE USE		
Approved by			oleum	Engineer Date	6/23/2024	
Conditions of approval, if any, are attack certify that the applicant holds legal or e which would entitle the applicant to con	quitable title to those rights in the s	ubicet lease or:	CF6			
Title 18 U.S.C Section 1001 and Title 43 any false, fletitious or fraudulent statement.	(U.S.C Section 1212, make it a crit ents or representations as to any ma	me for any person knowingly tter within its jurisdiction.	and willf	fully to make to any departi	ment or agency of the United States	
(1						

(Instructions on page 2)

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
- 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:
 - o 4 hours for accelerated (calcium chloride) cement.
 - o 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
 - O 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. 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)

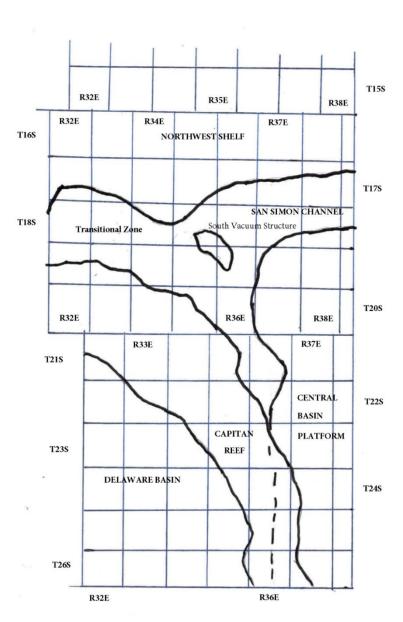


Figure D1 Map

Figure D2 Formation Table

	100'	P'lug to isolate upper a	nd lower fresh water	zones (typiailly 2.50' to	350')	
ND!rthwest Shelf	C;iptan Reef Are <a< th=""><th>Trani5ition Zone</th><th>San Simon Oh.annel</th><th>South \lacJUUm Structure</th><th>Delaware Basin</th><th>Ce<n,tiral basin="" platform<="" th=""></n,tiral></th></a<>	Trani5ition Zone	San Simon Oh.annel	South \lacJUUm Structure	Delaware Basin	Ce <n,tiral basin="" platform<="" th=""></n,tiral>
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 Y eso (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
Pad dock (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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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 361102

CONDITIONS

Operator:	OGRID:
CIMAREX ENERGY CO. OF COLORADO	162683
6001 Deauville Blvd	Action Number:
Midland, TX 79706	361102
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By		Condition Date
loren.diede	Notify NMOCD 24 hours prior to beginning P&A operations.	8/21/2024
loren.diede	Submit CBL into NMOCD Imaging via E Permitting.	8/21/2024
loren.diede	This well is within the LPCH restricted area and an underground P&A marker is required.	8/21/2024