Santa Fe Main Office
Phone: (505) 476-3441 Fax: (55) 476-3462
General Information
Phone: (505) 629-6116

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

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.
30-039-05236

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
C P STATE

8. Well Number
002

2. Name of Operator
NANCY WILCOX E QUALLS

9. OGRID Number
15501

3. Address of Operator
PO BOX 420 FARMINGTON, NM 87410

10. Pool name or Wildcat
BALLARD PICTURED CLIFFS

4. Well Location
Unit Letter K____:_1490_____feet from the _FSL_____ line and _1750_____feet from the __FWL____line
Section 36 Township 24N Range 06W NMPM County RIO ARRIBA

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
6687'

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:			☐

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.

Pursuant to OCD Order No R-23250 Enduring Resources has been given authorization to plug and abandon the above Nancy Wilcox E Qualls well. Please see Enduring Resources plug and abandon plan and wellbore diagram that are attached.

Spud Date: 3/15/1959

Rig Release Date:

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

SIGNATURE Heather Huntington TITLE Permitting Tech DATE 08/20/24

Type or print name Heather Huntington E-mail address: hhuntington@enduringresources.com PHONE: 505-636-9751

For State Use Only

APPROVED BY:_____ TITLE_____ DATE_____

Conditions of Approval (if any):

ENDURING RESOURCES IV, LLC

PLUG AND ABANDONMENT PROCEDURE

WELL: C P State #002 Latitude 36.2659187 N
API: 30-039-05236 Longitude 107.4231567 W
ER WELL: 0
LOCATION: 1490' FSL & 1750' FWL, Sec.36, 24N, 06W
COUNTY: Rio Arriba
STATE: NM
AFE: WO01881
DRIVING DIRECTIONS: **From the intersection of US HWY 550 & US HWY 64 in Bloomfield, NM:**
South on US HWY 550 for 51.6 miles to MM 98.7 (Counselor); Left (North) on CR 403 staying on CR 403 for 5.7 miles to T of CR 403; Right (SouthEast) for 0.7 miles lease road to C P State #002 location entrance on right.

NOTES:

1) All cement volumes assume 100% excess volume outside pipe and 50' excess inside pipe. Cement will be Type III (14.6 ppg and 1.39 cuft/sx), or similar. A stabilizing wellbore fluid with density of 8.3 ppg will be sufficient to balance pressures encountered in the well.
2) Any waste fluids circulated from the well to surface, including excess cement, will be stored in steel tanks and then disposed of at an approved disposal facility.
3) Notify NMOCD prior to beginning P&A well-work operations. Comply with all NMOCD regulations. Obtain approval from NMOCD prior to making any changes or adjustments to the approved procedure.
4) Plugs will be adjusted as necessary depending on the results of of any RCBLs and pressure tests. All logs and pressure test results will be submitted / reported to Regulatory Agencies.
5) Wait on cement, tag, and spot additional cement plugs as necessary depending on results of casing pressure tests.
6) Hold safety meetings daily (minimum) with all personnel on location. Record tubing, casing, and bradenhead pressures daily on reports.
7) Test and install rig anchors, if necessary (if rig does not have a base-beam).

PROCEDURE:

1) MIRU daylight pulling unit and associated equipment.
2) Blow down well. Kill well, if necessary (well is currently in TA status; should not require blowing down or killing).
3) ND WH. NU BOPE. POH with tubing. RU wireline. Run CBL from PBTD to surface.
4) PU and TIH with cast iron cement retainer (CICR) on 2-7/8" work-string to: 2,212 '
5) Set CICR. Sting out. Load annulus and press test to 500 psi. Sting in and establish injection rate minimum of 2 bpm.
6) ***PLUG #1a: PICTURED CLIFFS PERFORATIONS***

Pump 11 sx cement.
Existing Perf holes: 2262 to 2274
5-1/2" CICR: 2,212'
Plug Coverage: 2,212' to 2,274'

Cement Volume Below CICR: 11 sx

11 sx ***TOTAL***

7) Sting out of CR.

8) ***PLUG #1b: FRUITLAND COAL, KIRTLAND, OJO ALAMO PLUG***

Pump 58 sx cement.

5-1/2" CICR: 2,212'

Plug Coverage: 2,212' to 1,614'

Cement Volume Above CICR: 58 sx

58 sx ***TOTAL***

9) Pull 3 stands and reverse tubing clean. WO cement. RIH to tag cement @ 1,614 ' MD

10) RU wireline, perforate from: 955 to 956 MD

4 spf, 90° phase. RD wireline. Attempt to establish circulation.

11) PU and TIH with cast iron cement retainer (CICR) on 2-7/8" work-string to: 905 ' MD

12) Set CICR. Sting out. Load annulus and press test to 500 psi. Sting in and establish injection rate minimum of 2 bpm.

13) ***PLUG #2a: NACIMIENTO TOP + ANNULUS***

Pump 248 sx cement. Or until cement circulated to surface.

Perf holes: 955'

Plug Coverage: ' to 955' Below CICR and inside annulus.

Cement Volume: 248 sx

248 sx ***TOTAL***

14) Sting out of CR.

15) ***PLUG #2b: NACIMIENTO TOP, SURFACE CASING SHOE and SURFACE***

Pump 92 sx cement.

5-1/2" CICR: 905'

Plug Coverage: 905' to '

Cement Volume Above CICR: 92 sx

92 sx ***TOTAL***

16) ND BOPE. Cut off casing and wellhead (minimum of 3' below finished grade). Top off annulus and casing with cement, if required. RDMO cement equipment. Install P&A marker to comply with NMOCD regulations. RDMO.

17) Complete surface reclamation as per approved reclamation plan.

Created by: G Olson 4/3/2024

Updated: S Owens 7/10/2024

OPERATOR:	QUALLS WILCOX NANCY E	**CNTY:**	Rio Arriba	**FTG:**	1490' FSL & 1750' FWL
WELL:	C P State #002	**STATE:**	NM	**Q-Q:**	NESW
FIELD:	0	**SPUD:**	03/15/59	**SEC.:**	36
API #	30-039-05236	**COMP:**	04/24/59	**TWS:**	24N
ER WELL #:	0	**STATUS:**	WSI	**RGE:**	06W
WI/NRI:	0.00% / 0.0000%	**WBD DATE:**	08/24/22	**BY:**	GAO

36.26591870 N
107.4231567 W

PROPOSED P&A WELLBORE DIAGRAM

KBE: 6781 '
KB: 13 '
GLE: 6768 '
TOC @ 0'

11" Hole
8-5/8" 36.0# csg @ 105 '
131 ft3 Class C Cmt Cmt to surf

FORMATION TOPS
Nacimiento @ 905
Ojo Alamo @ 1714
Kirtland @ 1887
Fruitland @ 1985
Pictured Cliffs @ 2260
Lewis @ 0
Chacra @ 0
Cliff House @ 0
Menefee 0
Point Lookout @ 0
Mancos @ 0
Gallup @ 0

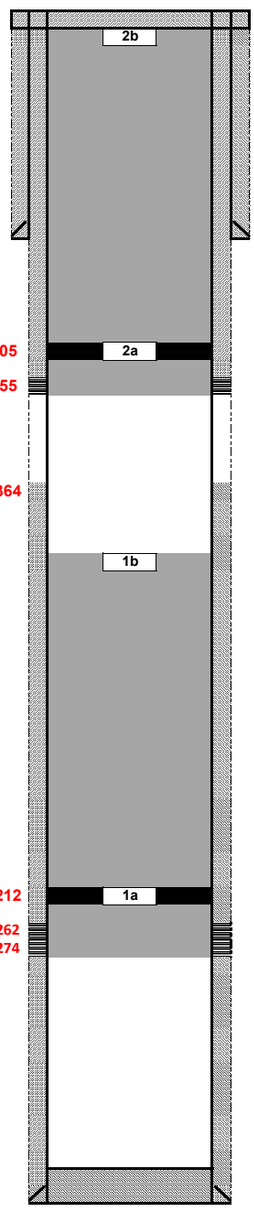
CICR 905
Perf @ 955

Estimated Cement Top 1364

CICR 2212

Top Perf 2262
Bottom Perf 2274

ORIG PBTD @ 2340 '
5-1/2" 15.5# Csg @ 2350 '
TD 2350 '



CASING RECORD

HOLE (in)	SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	BTM (ft)	ID (in)
10 1/2	8 5/8	36.00	K55	0	105	8.097
7 7/8	5 1/2	15.50	K55	0	2350	4.052

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	SPF
Pictured Cliffs	2262	2274	4

PLUG #2b: NACIMIENTO TOP, SURFACE CASING SHOE and SURFACE
5-1/2" CR @ 905
CEMENT 0.0 ' - 905 ' 955 ' *interval (including 50' excess)*
PLUG VOLUME 92 sx

PLUG #2a: NACIMIENTO TOP + ANNULUS
CIRCULATED CEMENT
PERF DEPTH 955
CEMENT 0.0 ' - 955 ' 1005 ' *interval (below CICR + annular space)*
PLUG VOLUME 248 sx 100% *excess required (outside casing)*
50 *feet of excess required (inside casing)*

PLUG #1b: FRUITLAND COAL, KIRTLAND, OJO ALAMO PLUG
5-1/2" CR 2212
CEMENT 1614 ' - 2212 ' 598 ' *interval (including 100' excess)*
PLUG VOLUME 58 sx From CICR to 100 *ft above Ojo Alamo top*

PLUG #1a: PICTURED CLIFFS PERFORATIONS
PERF HOLES possible 48
5-1/2" CR 2212
CEMENT 2212 ' - 2274 ' 62 ' *interval*
PLUG VOLUME 11 sx THRU CICR 100% *excess required (outside casing)*

PROPOSED CEMENT PLUGS ASSUME TOC AS REPORTED BASED ON TS DURING DRILLING.
PLUGS WILL BE ADJUSTED AS REQUIRED BASED ON RESULTS OF CBL AND/OR PRESSURE TESTS

CEMENT & CASING INFORMATION
ALL PLUGS ASSUME TYPE III NEAT CEMENT
STABILIZNG WELLBORE FLUID IS 8.3 PPG, SUFFICIENT TO BALANCE ALL WELLBORE PRESSURES, UNLESS NOTED OTHERWISE IN PROCEDURE

CEMENT DENSITY:	**14.60**	PPG
CEMENT YIELD:	**1.39**	CUFT / SX
MIX WATER REQUIRED:	**6.69**	GAL / SX
1.9" TUBING CAPACITY:	**0.0025**	BBLS / FT
2-7/8" TUBING CAPACITY:	**0.0058**	BBLS / FT
5-1/2" CSG CAPACITY:	**0.1336**	CUFT / FT
5-1/2" CSG x 7-7/8" HOLE CAPACITY:	**0.1733**	CUFT / FT
5-1/2" CSG x 8-5/8" CSG CAPACITY	**0.1690**	CUFT / FT

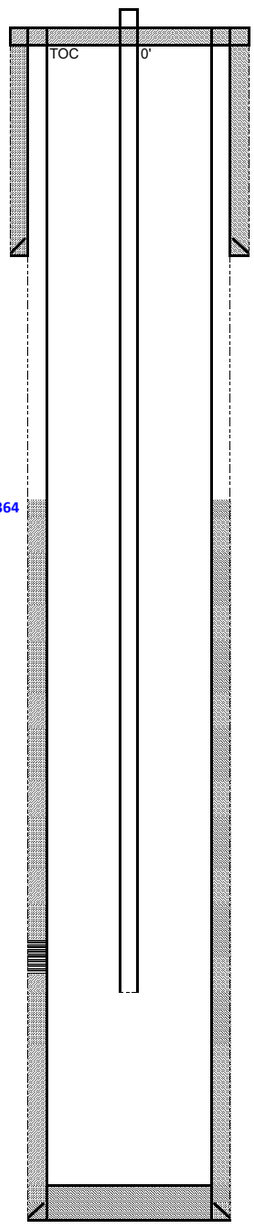
OPERATOR: Nancy Wilcox E Qualls
WELL: C P State #002
FIELD:
API # 30-039-05236
ER WELL #:
WI/NRI: 0.0000% / 0.0000%

CNTY: Rio Arriba FTG: 1490' FSL & 1750' FWL
STATE: NM Q-Q: NESW
SPUD: 03/15/59 SEC.: 36
COMP: 04/24/59 TWS: 24N
STATUS: WSI RGE: 06W
WBD DATE: 03/24/24 BY: GAO

Latitude 36.2659187 N
Longitude 107.4231567 W

CURRENT WELLBORE DIAGRAM (TA STATUS)

KBE: 6699 '
KB: 12 '
GLE: 6687 '



11" Hole
8-5/8" 36.0# csg @ 105 '
131 ft3 Class C Cmt Cmt to surf

Estimated Cement Top 1364

FORMATION TOPS

Nacimiento @	905
Ojo Alamo @	1714
Kirtland @	1887
Fruitland @	1985
Pictured Cliffs @	2260
Lewis @	
Chacra @	
Cliff House @	
Menefee	
Point Lookout @	
Mancos @	
Gallup @	

Top Perf 2262
Bottom Perf 2274

ORIG PBTD @ 2340 '
5-1/2" 15.5# Csg @ 2350 '
TD @ 2350 '

CASING RECORD

HOLE (in)	SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	BTM (ft)	ID	Annulus Vol bbls/ft	Capacity csg bbls/ft
10 1/2	8 5/8	36	K55	0	105	7.825	0.03484	0.05948
7 7/8	5 1/2	15.5	K55	0	2350	4.950	0.03086	0.02380

TUBING RECORD COND: DATE:

SIZE (in)	WT (lb/ft)	GRADE	TOP (ft)	TALLY (ft)	JTS	ID
2 3/8	6.5	J55	0	2283		1.6

ITEM	MAKE/MODEL	SIZE (in)	TALLY (ft)	DEPTH (ft)

PERFORATION RECORD

ZONE	TOP (ft)	BTM (ft)	SPF	STAGE	STATUS	VOL / PROP
Pictured Cliffs	2262	2274	4	1	FRAC'D	40K GAL & 20K LBS

CEMENT	sx	cu ft	Type			BOTTOM	TOP
Surface	100	131	Class C	yield	1.31	105	0
						calculated 60 sx to surf	
						200% gauge hole	
Production							
Tail	150	197	Class C	yield	1.31	2350	1364
						115% gauge hole	

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

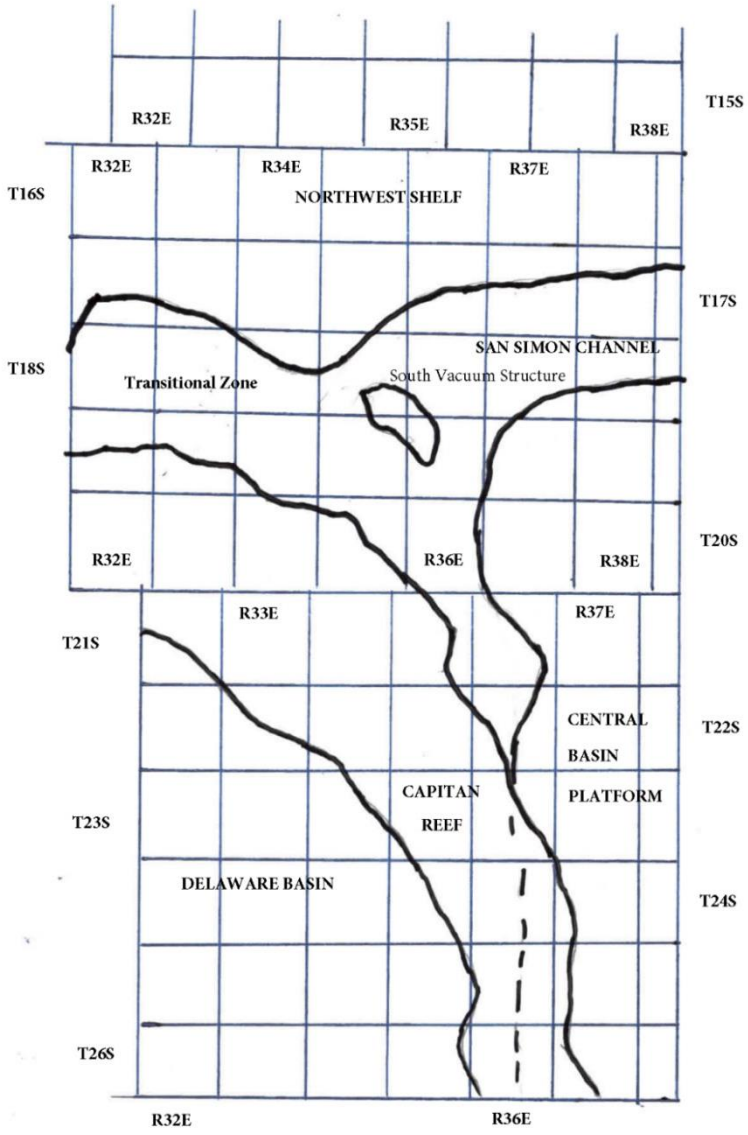


Figure D2 Formation Table

100' P'lug to isolate upper and lower fresh water zones (typiailly 2.50' to 350')						
ND!rthwest Shelf	**C;iptan Reef Are<a**	**Trani5ition 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 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						Gr ayburg-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 376086

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 376086
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	Notify NMOCD 24 hours prior to beginning P&A operations.	8/22/2024
loren.diede	Submit CBL into NMOCD Imaging via E Permitting.	8/22/2024