

<b>Well Name:</b> MOSAIC 34 FEDERAL	<b>Well Location:</b> T24S / R28E / SEC 34 / SESW /	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 1H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM13074	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3001535118	<b>Well Status:</b> Oil Well Shut In	<b>Operator:</b> CHEVRON USA INCORPORATED

### Notice of Intent

LONG VO

Digitally signed by LONG VO  
Date: 2023.04.29 12:07:41  
-05'00'

**Sundry ID:** 2721282

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 03/16/2023

**Time Sundry Submitted:** 10:27

**Date proposed operation will begin:** 03/30/2023

**Procedure Description:** Please see attached plugging plan and wellbore diagrams.

### Surface Disturbance

**Is any additional surface disturbance proposed?:** No

Approval Subject to  
General Requirements and  
Special Stipulations  
Attached

### NOI Attachments

**Procedure Description**

Mosaic\_34\_Fed\_1H\_Info\_Packet\_for\_BLM\_20230419124223.pdf

Well Name: MOSAIC FEDERAL

Well Location: T24S / R28E / SEC 34 /  
SESW /County or Parish/State: EDDY /  
NM

Well Number: 1H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM13074

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001535118

Well Status: Oil Well Shut In

Operator: CHEVRON USA  
INCORPORATED**Operator**

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: MARK TORRES

Signed on: APR 19, 2023 12:42 PM

Name: CHEVRON USA INCORPORATED

Title: Well Abandonment Engineer

Street Address: 6301 DEAUVILLE BLVD

City: MIDLAND

State: TX

Phone: (989) 264-2525

Email address: MARKTORRES@CHEVRON.COM

**Field**

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

**Mosaic 34 Federal 1H****API:** 30-015-35118**Fresh Water Depth:** 50'**Potash Area:** No**SOPA:** No**Notes:**

- ACOI – Uneconomic to Return to Production.
- Additional well history available in Wellview and Electronic Well File. Contact engineer for more info.
- WSR to assess crew competency and utilize SWA and contact Superintendent with any concerns.
- Reference [Onshore Operating Guidelines](#) and Business Partner SOPs for detailed guidance.
- If program requires change of scope, do not proceed before contacting an engineer or Superintendent.

**Rig Work**

1. Prior to rig arrival, verify well prep and confirm if any special or welded flanges are present that will require further intervention.
2. Contact BLM at least 24 hours prior to performing any work.
  - a. Place job number in WellView, note the time you contacted the agency and the engineer's name.
3. MIRU pulling unit.
4. Verify pressures and kill well as per [Chevron Global Well Control Document](#).
  - a. Bubble test intermediate and surface casings for 30 minutes each and share results in WellView under daily pressure.
5. Attempt to pressure test tubing to at least 1,000 psi for 15 minutes or the highest pressure expected while plugging the well.
  - a. If test passes, utilize tubing for work string.
  - b. If test fails, pick up a work string provided by Chevron.
6. Install hydraulic rod BOP and function test.
7. Pull and lay down rods.
  - a. If paraffin is encountered or rods are stuck contact engineer.
  - b. Stop work and contact Superintendent if stripping operations are required.
  - c. Rod stripping – if unable to back off rods and forced to cut rods, a hydraulic sheering tool or hacksaw, or other verified, intrinsically safe devices SHALL be used to cut.
8. N/U BOPE using rubber coated hangers provided by Chevron, and pressure test, 250 psi low and MASP + 500 psi high (per Chevron operating guidelines) for 5 minutes each.
  - a. On a chart, no bleed off allotted.
  - b. Contact engineer if unable to unset TAC, do not shear TAC without the BOP N/U first to mitigate any risks of well control events.
9. TOH w/ production string. If TAC removed from wellbore, will serve as gauge ring run for CIBP.
  - a. Stop work and contact Superintendent if tubing is pulling wet.
10. If unable to pull TAC or alternatively want to leave TAC in place:

- a. Plan to set CIP adjacent to TAC or set in profile plug per tubing tally.
  - b. Jet cut tubing above CIP.
- 11. Run and set CIBP at Kick Off Point (+/- 4,292') or as per approved by BLM.
  - a. Skip gauge run if TAC pulled freely past setting depth.
- 12. TIH and tag CIBP, fill well with fresh water and pressure test casing to 500 psi for 15 minutes if no P&S required or 1,000 psi for 15 minutes if P&S required.
  - a. Confirm burst pressure of each casing string and ensure the bottomhole pressure during a pressure test does not exceed burst.
  - b. 5% bleed off allotted.
  - c. Contact the engineer if pressure test fails to discuss upgrading existing cement plugs to isolate holes, document test results.
- 13. Spot 30 sx Class C f/ 4,292' – 3,962' (Isolate perfs/Brushy Canyon).
  - a. WOC, tag, pressure test. If pressure test fail, discuss contingency plan with engineer.
- 14. Spot MLF to appropriate depth to ensure it is spaced out between plugs.
  - a. Do not pump MLF past the first perforation because it will be pumped away during the P&S procedure. Also, if the casing failed a pressure test, do not spot MLF until it tests properly.
- 15. Perf below intermediate shoe @ 2690' and attempt to squeeze 106 sx f/ 2,690' – 2,240' (Isolate Int. Csg shoe, Delaware).
  - a. WOC, tag, pressure test. If pressure test fails, discuss contingency plan with engineer.
  - b. Minimum plug length is 50' above Base of Salt (2,346').
  - c. If unable to establish injection, drop down below perfs and spot 50 sx Class C f/ 2740' – 2,240' (confirm with agency prior to pumping).
- 16. Perf & Circulate 351 sx Class C f/ 1850' – 350' (Isolate from Top of Salt to Surface Casing Shoe, and Base of Salt).
  - a. WOC, tag, pressure test. If pressure test fails, discuss contingency plan with engineer.
  - b. Minimum plug length is 50 above Surface csg shoe (595').
- 17. Conduct bubble test for min. 30 minutes on all casing annuli.
  - a. If bubble test fails, contact engineer to discuss running a CBL to confirm cement quality behind pipe and/or adjusting forward plan for a perforate and squeeze contingency, cement plug or identify any opportunity to cut & pull casing, or R/D and monitor well.
  - b. Ultimate goal is to address failed test prior to fresh water depths.
  - c. Confirm forward plan with engineer and request forward plan approval from the agency.
- 18. If bubble test passes, proceed to isolate to surface.
  - a. Notify BLM of any proposed changes to cement volumes.
- 19. Perf Circulate minimum 209 sx Class C cement f/ 350' to surface filling production casing and all annuli to surface.
- 20. While RDMO, perform 30-minute bubble test on surface and production casings. Record results to meet the barrier standard intent.
- 21. Cut all casings & anchors & remove 3' below grade. Verify cement to surface & weld on dry hole marker (4" diameter, 4' tall). Clean location.

## CURRENT WELLBORE DIAGRAM

FIELD: Carlsbad West API NO.: 30-015-35118 Spud Date: 4/2/2007  
 LEASE/UNIT: Mosaic 34 Federal CHEVNO: TD Date: 5/7/2007  
 WELL NO.: 1H PROD FORMATION: Comp Date: 5/30/2007  
 COUNTY: Eddy ST: New Mexico STATUS: SI Oil Well GL: 3,000'GL / 3,017' DF  
 LOCATION: 330' FSL & 2310' FWL, Unit N, Sec. 34, T-24S, R-28E KB: 3,018'

Base of Fresh Water: 50'  
 R11P/SOPA: No/No

## Surface Casing

Size: 13-3/8"  
 Wt., Grd.: 48#  
 Depth: 645'  
 Sxs Cmt: 550 sx  
 Circulate: Yes  
 TOC: Surf  
 Hole Size: 17-1/2"

Int. TOC 383' via TS

## Intermediate Casing

Size: 8-5/8"  
 Wt., Grd.: 32#  
 Depth: 2,590'  
 Sxs Cmt: 600 sx  
 Circulate: No  
 TOC: 383' via Temp Survey  
 Hole Size: 11"

## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 17#  
 Depth: 6,610' MD  
 KOP: 4,292' MD  
 Sxs Cmt: 650 sx  
 Circulate: No  
 TOC: 2,100' calc  
 Hole Size: 7-7/8"

Tubing String: Tubing - Production, Run Date: 5/30/2007							
Tubing Description		Run Date		String Length (ft)		Set Depth (MD)	
Tubing - Production		5/30/2007		4,444.00		4,462.0	
Tubing Components							
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Strn (ft/KB)
Tubing	127	2 7/8	2.441	6.50	L-80	3,978.50	3,996.5
Anchor/catcher	1	2 7/8	2.441			3.00	3,999.5
Tubing	9	2 7/8	2.441	6.40	L-80	283.00	4,282.5
Seat Nipple: Cup Type	1	2 7/8	2.250			1.00	4,283.5
Tubing Sub	1	2 7/8	2.441	6.40	N80	2.00	4,285.5
Desander	1	2 7/8				20.00	4,305.5
Mud Anchor	5	2 7/8	2.441	6.40	L80	156.00	4,461.5
Bull Plug	1	2 7/8				0.50	4,462.0
Red String: Red - Conventional, Run Date: 5/30/2007							

Red String: Red, Conventional, Run Date: 5/30/2007

## ROD STRING:

(1) - 1 1/2" X 24 POLISH ROD  
 (1) - 2' SUB 7/8"  
 (66) - 7/8" D-97 RODS  
 (96) - 3/4" D-97 RODS  
 (4) - 1 1/2" K-BARS  
 (1) - 1 3/4" X 24 PUMP  
 24 Hr Summary: RAN - 1 1/2" K - BARS

Protected Operations

Formation	Top (MD)
Rustler	777'
Top of Salt	1,100'
Base of Salt	2,396'
Lamar	2,588'
Brushy Canyon	4,732'

Kick off Point 4,292'

Perfs (3spf at each depth):  
 5,050'

5,310'

5,560'

5,810'

6,010'

6,310'

6,560'

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)
4,200.0	0.25	141.60	4,199.7
Tie onto Gyro			
4,230.0	0.30	139.30	4,229.7
First MWD Survey			
4,261.0	0.30	121.30	4,260.7
4,292.0	0.60	320.70	4,291.7
4,324.0	4.90	294.60	4,323.6
4,356.0	9.60	300.20	4,355.3
4,387.0	14.50	300.10	4,385.7
4,418.0	18.50	298.90	4,415.4
4,450.0	22.10	299.20	4,445.4
4,481.0	23.50	298.40	4,474.0

H2S Concentration >100 PPM?  
 NO  
 NORM Present in Area? NO

6,610' MD / 4,812' TVD

## PROPOSED WELLBORE DIAGRAM

FIELD: Carlsbad West API NO.: 30-015-35118 Spud Date: 4/2/2007  
 LEASE/UNIT: Mosaic 34 Federal CHEVNO: TD Date: 5/7/2007  
 WELL NO.: 1H PROD FORMATION: Comp Date: 5/30/2007  
 COUNTY: Eddy ST: New Mexico STATUS: SI Oil Well GL: 3,000'GL / 3,017' DF  
 LOCATION: 330' FSL & 2310' FWL, Unit N, Sec. 34, T-24S, R-28E KB: 3,018'

Base of Fresh Water: 50'  
 R11P/SOPA: No/No

## Surface Casing

Size: 13-3/8"  
 Wt., Grd.: 48#  
 Depth: 645'  
 Sxs Cmt: 550 sx  
 Circulate: Yes  
 TOC: Surf  
 Hole Size: 17-1/2"

## Isolate Fresh water

4 Perf & Circulate min. 161 sx Class C f/ 350' - 0'  
 filling all annuli to surface

Int. TOC 383' via TS

## Isolate Top of Salt, Surface Csg Shoe

3 Perf & Circulate 153 sx Class C f/ 1,200' - 545'  
 WOC, tag, pressure test plug

## Intermediate Casing

Size: 8-5/8"  
 Wt., Grd.: 32#  
 Depth: 2,590'  
 Sxs Cmt: 600 sx  
 Circulate: No  
 TOC: 383' via Temp Survey  
 Hole Size: 11"

TOC 2,100' Calc

Approval Subject to

General Requirements and

Special Stipulations

Attached

## Production Casing

Size: 5-1/2"  
 Wt., Grd.: 17#  
 Depth: 6,610' MD  
 KOP: 4,292' MD  
 Sxs Cmt: 650 sx  
 Circulate: No  
 TOC: 2,100' calc  
 Hole Size: 7-7/8"

## Isolate Int. shoe, Base of Salt

2 Attempt to perf & Squeeze 93 sx Class C f/ 2,640' - 2,240'  
 Contingency spot 45 sx Class C f/ 2,690' - 2,240' (no injection)  
 WOC, tag, pressure test plug (min. 50' above base of Salt)

## Isolate Perfs/Brushy Canyon

1 Set CIBP @ +/- 4,292' and spot 30 sx Class C f/ 4,292' - 3,962'  
 WOC, tag, pressure test plug (min. 100' plug length)

Kick off Point 4,292'

Formation	Top (MD)
Rustler	777'
Top of Salt	1,100'
Base of Salt	2,396'
Lamar	2,588'
Brushy Canyon	4,732'

Perfs (3spf at each depth):  
 5,050'

5,310'

5,560'

5,810'

6,010'

6,310'

6,560'

H2S Concentration >100 PPM?  
 NO  
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**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Permanent Abandonment of Federal Wells  
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

**The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**



Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds). A weep hole shall be left if a metal plate is welded in place.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
620 E. Greene St.  
Carlsbad, New Mexico 88220-6292  
www.blm.gov/nm



In Reply Refer To: 1310

### Reclamation Objectives and Procedures

**Reclamation Objective:** Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo “interim” reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo “final” reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines **(Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure)**. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. **This will apply to well pads, facilities, and access roads.** Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos  
Supervisory Petroleum Engineering Tech/Environmental Protection Specialist  
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias  
Environmental Protection Specialist  
575-234-6230

Crisha Morgan  
Environmental Protection Specialist  
575-234-5987

Jose Martinez-Colon  
Environmental Protection Specialist  
575-234-5951

Mark Mattozzi  
Environmental Protection Specialist  
575-234-5713

Robert Duenas  
Environmental Protection Specialist  
575-234-2229

Trishia Bad Bear, Hobbs Field Station  
Natural Resource Specialist  
575-393-3612



Sundry ID 2721282

Plug Type	Top	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify			
				If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations			
Fresh Water @ 365	311.35	415.00	103.65	ns	209.00	C	Perf and squeeze from 350' to surface. Verify at surface.
Top of Salt @ 450	395.50	500.00	104.50	Tag/Verify			
Shoe Plug	588.55	695.00	106.45	Tag/Verify			
Base of Salt @ 1800	1732.00	1850.00	118.00	Tag/Verify	351.00	C	Perf and squeeze from 1850' to 350'. WOC and Tag.
Shoe Plug	2514.10	2640.00	125.90	Tag/Verify			

				If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations			
<b>Delaware @ 2633</b>	2556.67	2683.00	126.33		106.00	C	Perf and attempt squeeze from 2690' to 2240'. 106 sxs (In/Out) If no injection spot cement instead. 50 sxs.WOC and Tag.
<b>KOP @ 4292</b>	4199.08	4342.00	142.92	base no			
				If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations			
<b>CIBP Plug</b>	4257.00	4292.00	35.00		25.00	C	Set CIBP at 4292'. Spot cement from 4092' to 3962'. Leak Test CIBP.
<b>Perforations Plug (If No CIBP)</b>	5000.00	6610.00	1610.00	Tag/Verify			
<b>Bonesprings @ 6400</b>	6286.00	6450.00	164.00	base no need to			

Shoe Plug	6493.90	6660.00	166.10	Tag/Verify			
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No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.

Class H >7500'

Class C <7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater

R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft<sup>3</sup>/sx

Class H: 1.06 ft<sup>3</sup>/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement	High	Bottom of Karst/take deepest fresh water/top of salt whichever is greater to surface	
Shoe @	645.00		
Shoe @	2590.00	TOC @	383.00
Shoe @	6610.00	TOC @	2100.00
Perforatons Top @	5050.00	Perforations Bottom @	6560.00
		CIBP @	4292.00



**District I**  
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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**

COMMENTS

Action 214378

COMMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 214378
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
john.harrison	Accepted for record - NMOCD JRH 5/22/23 BLM approved P&A 4/29/23	5/22/2023

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CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/22/2023