U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

09/25/2022

Well Name: AMOCO 11 FED

Well Location: T23S / R28E / SEC 11 / NWNE /

County or Parish/State: EDDY / NM

Well Number: 6

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM32636

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001526496

Well Status: Oil Well Shut In

Operator: CHEVRON USA INCORPORATED

Notice of Intent

Sundry ID: 2691811

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/12/2022

Time Sundry Submitted: 07:56

Date proposed operation will begin: 10/12/2022

Procedure Description: Remove production equipment - rods & tubing. Set CIBP within 100' of top perforations at proposed depth of 4650' Spot 26 sacks Class C cement from 4650' to 4400'. (isolate producing zone) Spot 27 sacks Class C cement from 3560' to 3300'. (isolate cherry canyon) Spot 26 sacks Class C cement from 2720' to 2470'. (isolate lamar, bell canyon) Spot 61 sacks Class C cement from 593' to 0'. (isolate 8-5/8" shoe, surface)

Approval Subject to
General Requirements and
Special Stipulations
Attached

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Proposed_wellbore_schematic_Amoco_Federal_11_6_20220912075522.pdf

Current_wellbore_schematic_Amoco_Federal_11_6_20220912075514.pdf

Short_Procedure_Amoco_Fed_11_6__20220912075500.pdf

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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: HAYES THIBODEAUX

Signed on: SEP 12, 2022 07:55 AM

Name: CHEVRON USA INCORPORATED

Title: Well Abandonment Engineer

Street Address: 6307 DEAUVILLE BLVD

City: MIDLAND **State:** TX

Phone: (281) 726-9683

Email address: HAYES.THIBODEAUX@CHEVRON.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

Amoco Federal 11-6

API: 30-015-26496

All cement plugs are based on 1.18 yield for Class H and 1.32 yield for Class C

1. Call and notify NMOCD 24 hrs. before operations begin.
2. MIRU pulling unit.
    a. Intrinsically safe fans and H2S scavenger ARE NOT required – no known H2S in the field per information provided by production team.
3. Check well pressures, kill well as necessary following The Chevron Initial Well Kill Operating Guidelines.
    a. Bubble test should be at least 30 minutes and follow the bubble test SOP. On all casing annuli, if bubble test fails Chevron intends to Zonite, cut, and pull casing, or eliminate SCP with another means after the well is plugged to a certain point agreed upon by the NMOCD and Chevron.
    b. Bubble tests should occur each morning, critical times are prior to pumping upper hydrocarbon plug or pumping cement to surface.
    c. Perform a final bubble test after cement has hardened at surface.
4. 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.
5. Install hydraulic rod BOP and function test.
6. Pull and lay down rods.
    a. If paraffin is encountered or rods are stuck contact engineer.
    b. Plan to run hot water (> 125 dg F) down annulus and down tubing to loosen paraffin
7. N/U BOPE using rubber coated hangers provided by Chevron, and pressure test, 250 psi low and 1,000 psi or MASP (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.
8. If tubing pressure tested, stand back pipe. If it failed, lay down and prepare to run a work string.
9. MIRU wireline and lubricator.
10. Pressure test lubricator to 500 psi or MASP (whichever is larger) for 10 minutes.
    a. If MASP is greater than 1,000 psi, contact the engineer to discuss running grease injection.
11. Tag CIBP at 5825' and spot 25 sxs class C on top.
12. Run and set CIBP within 100’ of top perforation or as per approved permit. (4650')
    a. Skip gauge run if TAC pulled freely past setting depth.
13. 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. 5% bleed off allotted.
    b. Contact the engineer if pressure test fails, document test results.
14. Perform 30-minute bubble test on all strings. Record results to meet the barrier standard intent. If bubble test fails, plan to run CBL to determine TOC in annulus (calculated to be at surface).
15. TIH and tag CIBP.

15. Spot MLF, subtracting cement volumes. Do not place MLF until casing pressure tests or above first Perf and Squeezes. If casing pressure test failed in prior job steps, Chevron requires all casing holes/damage to be covered with cement.
16. Spot 26 sacks Class C cement from 4650' to 4400'.
17. Spot 27 sacks Class C cement from 3560' to 3300'.
18. Spot 41 sacks Class C cement from 2841' to 2435'.
19. Conduct 30 min bubble test (above shallowest hydrocarbon bearing zone). Proceed to next job steps only after achieving a successful bubble test. If bubble test fails, plan to run CBL to determine next job steps. Proposed forward plan will consist of an additional perf/squeeze, cutting & pulling casing, or some other means agreed upon with the BLM.
20. Spot 188 sacks Class C cement from 1866' to 0'.
21. Cut all casings & anchors & remove 3’ below grade. Verify cement to surface & weld on dry hole marker (4” diameter, 4’ tall). Clean location.

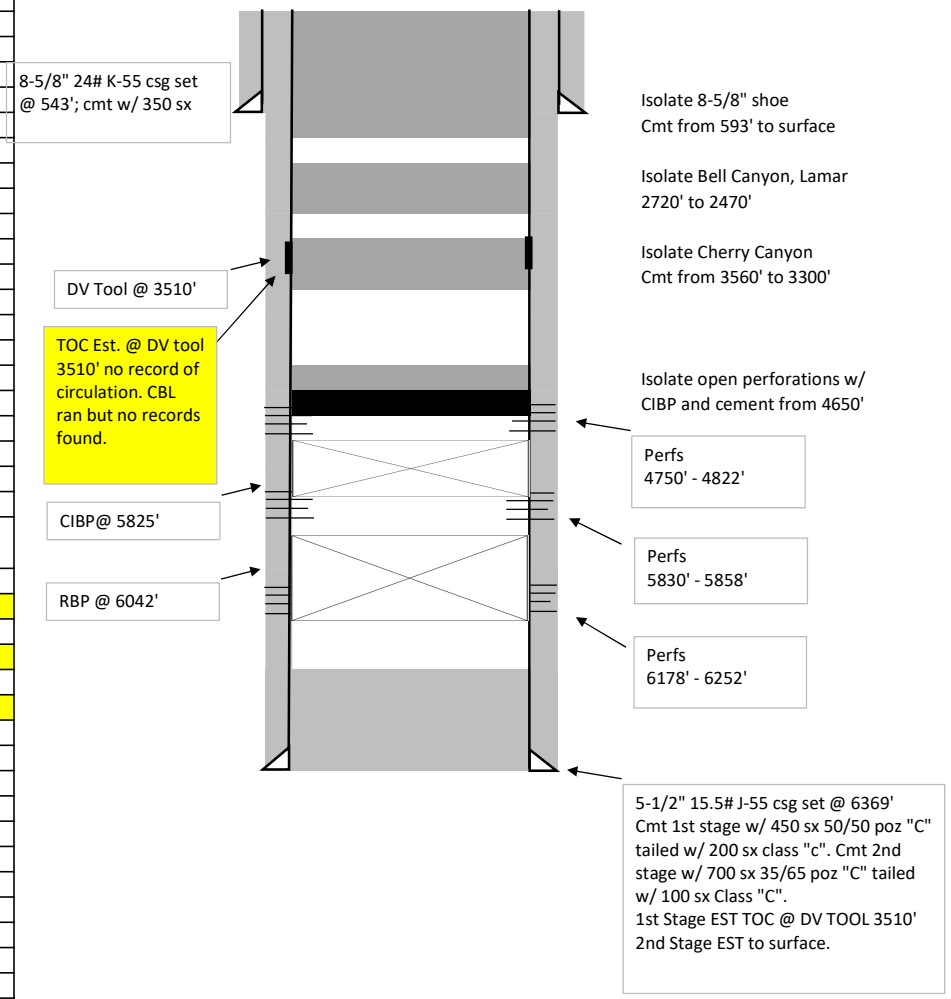
Note: All cement plugs class “C” (<7,500’) or “H” (>7,500’) with closed loop system used, and MLF spotted between plugs.

Date: 8/19/2021

WF Beall A 3F, 10D
API: 42-365-33247

Revision #: 1

[40350] LOVING;BRUSHY CANYON, EAST	
WELL NAME	AMOCO FED 6
API	3001526496
AFE #	
COUNTY	Eddy/NM
FIELD	Delaware Basin
SPUD	
FRR	
Lat/Long	32.3250542,-104.0546036
GL	
KB	
Production Csg @	6369'
Size	5-1/2"
Weight	15.5#
Grade	J-55
Connection	
Total SX CMT	1400 sx
FC	DV Tool @ 3510'
TOC	Surf (est)
Stage 2	800 sx
Circ sx	No record found (CBL)
Stage 1	650 sx
Circ sx	No record found (CBL)
Surface Csg @	543'
Size	8-5/8"
Weight	24#
Grade	K-55
Connection	
Total SX CMT	350 sx
Circ sx	100 sx
RBP @ 6042'	
CIBP @ 5825	
Bottom Perf	4822'
Top Perf	4750'
Bottom Perf	5858'
Top Perf	5830'
Bottom Perf	6252'
Top Perf	6178'



Approval Subject to

General Requirements and

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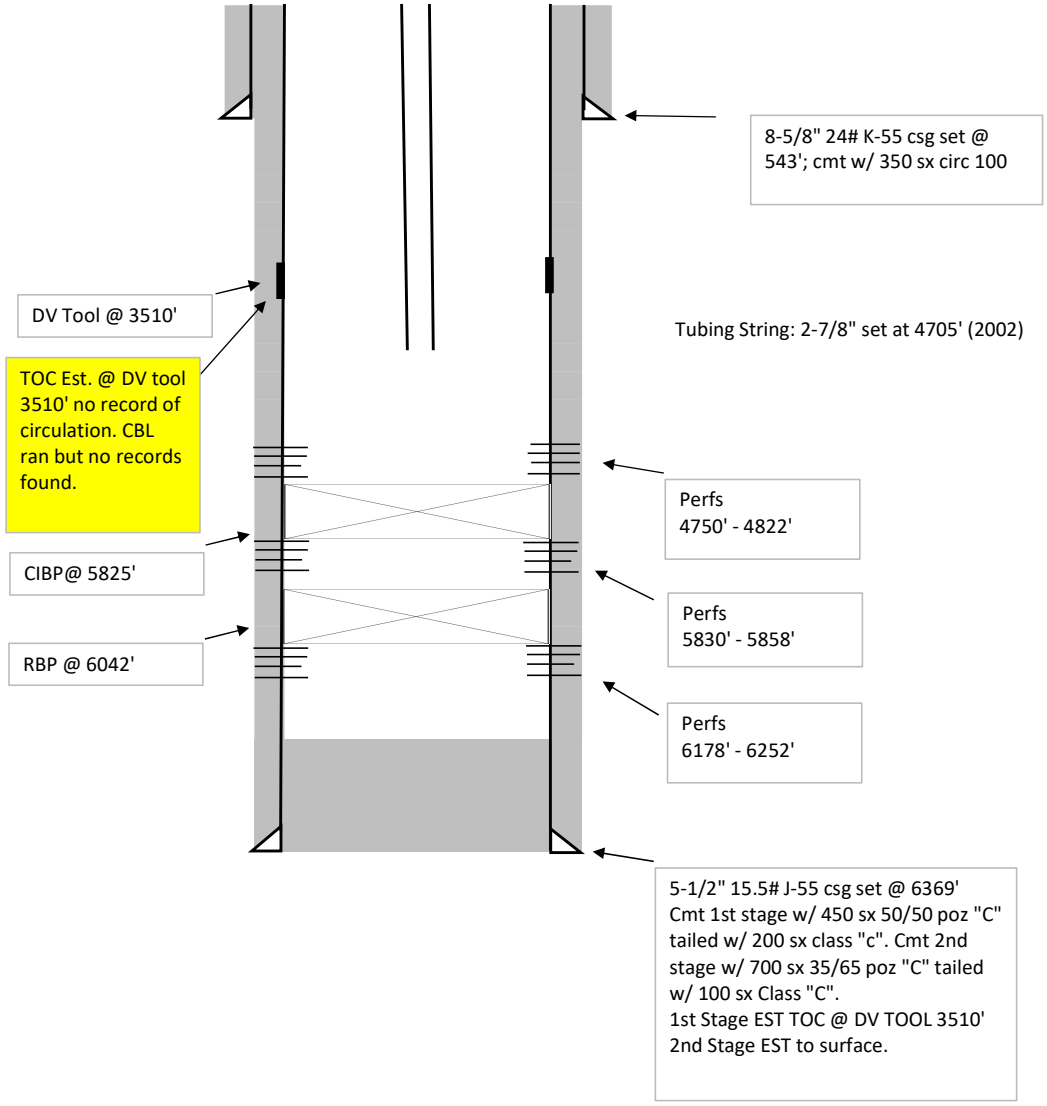

Sundry ID **2691811**

Plug Type	Top	Bottom	Length	Tag	Sacks	Notes
Surface Plug	0.00		0.00	Tag/Verify		
Fresh Water @ 355	301.45	405.00	103.55	If solid		
Shoe Plug	487.57	593.00	105.43	Tag/Verify		
Top of Salt @ 1816	1747.84	1866.00	118.16	Tag/Verify	188.00	Spot cement from 1866' to surface. Verify at surface.
Base of Salt @ 2511	2435.89	2561.00	125.11	Tag/Verify		
Delaware @ 2791	2713.09	2841.00	127.91	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 Perforatio	41.00	Spot cement from 2841' to 2435'. WOC and Tag.
DV tool plug	3424.90	3560.00	135.10	Tag/Verify	25.00	Spot cement from 3560' to 3424'. WOC and Tag.
CIBP Plug	4615.00	4650.00	35.00	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 Perforatio	25.00	Set CIBP at 4650'. Leak Test CIBP. Spot 25 sxs on top.
Perforations Plug (If No CIBP)	4700.00	4872.00	172.00	Tag/Verify		

CIBP Plug	5790.00	5825.00	35.00	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 Perforatio	25.00	Tag CIBP at 5825'. Spot 25 sxs.
Shoe Plug	6255.31	6419.00	163.69	Tag/Verify		

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^3/sx
Class H: 1.06 ft^3/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	**Medium**	Top of Salt to surface	
Shoe @	**543.00**		
Shoe @	**6369.00**		
Perforatons Top @	**4750.00**	**Perforations**	**4822.00**
DV Tool @	**3510.00**	**CIBP @**	**5825.00**
		CIBP @	**4650.00**

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 90th day provide this office, prior to the 90th 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 10th 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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 201410

COMMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 201410
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	4/11/2023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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CONDITIONS

Action 201410

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CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	4/10/2023