

Well Name: CHOCOLATE CHIP 19 FED COM	Well Location: T18S / R30E / SEC 19 / SWSW /	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM93478	Unit or CA Name: 1 CHOCOLATE CHIP 19 FED	Unit or CA Number: NMNM109667
US Well Number: 3001532215	Well Status: Gas Well Shut In	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 10/11/2022

Notice of Intent

Sundry ID: 2694354

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/23/2022

Time Sundry Submitted: 09:05

Date proposed operation will begin: 10/15/2022

Procedure Description: EOG PROPOSES TO PLUG AND ABANDON THIS WELL USING THE ATTACHED PROCEDURE, PROPOSED AND CURRENT WELLBORE DIAGRAMS ATTACHED

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Chocolate_Chip_19_Federal_COM__1__PA_PROPOSED_WBD_20220923090535.pdf
- Chocolate_Chip_19_Federal_COM__1__PA_CURRENT_WBD_20220923090520.pdf
- Chocolate_Chip_19_Federal_COM__1__PA_Procedure_20220923090457.pdf

Received by OCD: 10/10/2022 11:14:10 AM

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Conditions of Approval

Specialist Review

CHOCOLATE_CHIP_19_FED_COM_1___2694354___COA_AND_PROCEDURE_20221008105335.pdf

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: KAY MADDOX

Signed on: SEP 23, 2022 09:05 AM

Name: EOG RESOURCES INCORPORATED

Title: Regulatory Specialist

Street Address: 5509 CHAMPIONS DR.

City: MIDLANDState: TX

Phone: (432) 638-8475

Email address: KAY_MADDOX@EOGRESOURCES.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY

BLM POC Title: ENGINEER

BLM POC Phone: 5759884722

BLM POC Email Address: KIMMATTY@BLM.GOV

Disposition: Approved

Disposition Date: 10/08/2022

Signature: KEITH IMMATTY



Chocolate Chip Federal COM #1 – P&A Procedure

4-19-18S-30E

API # 30-015-32215

1. Notify Regulatory Agency 24 hours prior to commencing work. MIRU well service unit and all necessary safety equipment.
2. ND WH, NU BOP.
3. Unset Packer, POOH and LD 2.875" TBG and PRK. PU WS and prep for P&A.
4. RIH to 11245 and TAG TOC of previously set CIBP at 11280 w/ 35' of CMT (PBTD @ 11245)
5. Circulate plugging mud
1. Pick up and set balanced plug at 10808 with 25 sx of Class H to satisfy capping the top of the Atoka formation with -50' below top to 10582. No need for TAG & WOC due to good production casing cement
2. Pick up and set balanced plug at 10492 with 25 sx of Class H to satisfy capping the top of the Strawn formation with -50' below top to 10226. No need for TAG & WOC due to good production casing cement
3. POOH with WS. PU CIBP and prep to RIH
4. RIH, set 5.5" CIBP at 9950. TAG. Pressure test CIBP to 500psi for 30 minutes.
5. Circulate additional plugging mud and spot 25 sx class H on top of CIBP (9950 to 9724)
6. Pick up and set balanced plug at 9116 with 25 sx of Class H to satisfy capping of the top of the Wolfcamp formation with -50' below top to 8890. No need for TAG & WOC due to good production casing cement
7. Pick up and set balanced plug at 5890 with 25 sx of Class C to satisfy the 3000 foot plug spacing rule. Plug from 5890 to 5638. No need for TAG & WOC due to good production casing cement
8. **Bonespring 4188 to 4046'. 25sx**
9. Pick up, perf @ 3435 and squeeze and balance w/ 25 sx Class C as part of -50' below intermediate shoe. 3435 to 3183. WOC and TAG. (**Spot ok for this one. WOC and Tag needed**)
10. Pick up, perf @ 2100 and squeeze and balance w/ 25 sx Class C for TOC. 2100 to 1848. WOC & TAG.
11. **Yates 1550-1435'. 30sx. Perf and sqz. WOC and tag**
12. Pick up, perf @ 524 and squeeze and balance w/ **120** sx Class C as part of -50' below surface shoe. 524 to 0.
13. Cut off WH 3' below surface, verify cement to surface, and weld on below ground P&A marker.
14. Cut off anchors 3' below surface and clean location.

Well Name: Chocolate Chip 19 Federal COM #1
 Location: 1262 FSL & 1113 FWL
 County: Eddy, NM
 Lat/Long: 32.7292252,-104.0160828
 API #: 30-015-32215
 Spud Date: 3/20/02
 Compl. Date: 5/3/02



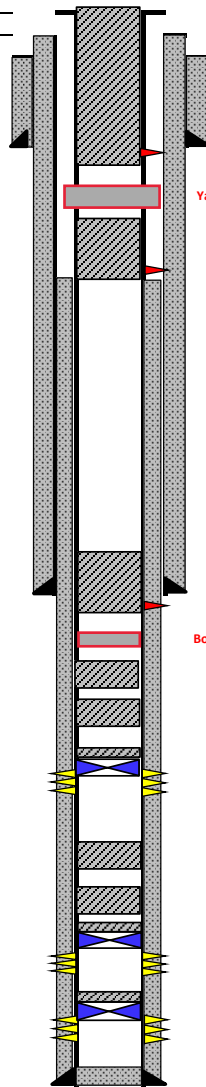
KB:
 GL: 3472

PROPOSED
 14.750"
 11.375" 42.00# @ 474
 300 sx = surface

TOC @ 2100

11.000"
 8.625" 42.00# @ 3385
 900 sx = surface

7.875"
 5.500" 17.00# @ 11990
 1530 sx = 2100
 PBTD @ 11245
 TD @ 11990



Cut off WH 3' below surface

120sx. Verify to surface
 Perf and Sqz @ 524 for surface shoe w/ 53 sx Class C, WOC & TAG (Top ~0)

Yates 1550-1435'. 30sx Perf and sqz. WOC and Tag

Perf and Sqz @ 2100 for TOC w/ 25 sx Class C, WOC & TAG (Top ~1848)

Perf and Sqz @ 3435 for Intermediate shoe w/ 25 sx Class C, WOC & TAG (Top ~3183) Spot OK

Bonespring 4188 to 4046'. 25sx

Set Balanced plug of 25 sx Class C from 5890 to 5638, satisfies 3000' plug spacing rule

Set Balanced plug of 25 sx Class H from 9116 to 8890, satisfies capping Wolfcamp
 Top of 25sx Class H Spot (9950 to 9724)

CIBP @ 9950, TAG, Spot 25 sx Class H Leak test 500psi, 30mins
 Open Perfs 10002 - 10020

Set Balanced plug of 25 sx Class H from 10492 to 10226, satisfies capping Strawn

Set Balanced plug of 25 sx Class H from 10808 to 10582, satisfies capping Atoka

CIBP @ 11280 w/ 35' Class H (08/07/09)
 Open Perfs 11324 - 11356

CIBP @ 11525 w/ 35' Class H (07/27/02)
 Abandoned Perfs 11538 - 11545

Formation Tops

T of Salt	-
B of Salt	-
Rustler	-
Bell Canyon	-
Cherry Canyon	-
Brushy Canyon	-
Leonard	-
Bone Spring	4,138
Wolfcamp	9,066
Cisco	-
Canyon	-
Strawn	10,442
Atoka	10,758
Morrow	11,225

Not to Scale

By: AEC 9/23/22

Sundry ID

Plug Type	Top	Bottom	Length	Tag	Sacks	Notes
Surface Plug	0.00	525.00	525.00	Verify circulated to surface	120.00	Same as shoe plug below
Shoe Plug	0.00	525.00	525.00	Verify circulated to surface	120.00	Perf and sqz. Operator bringing shoe plug to surface
Yates @ 1500	1435.00	1550.00	115.00	WOC and Tag	30.00	Perf and sqz
Shoe Plug	3301.15	3435.00	133.85	WOC and Tag	25.00	
Bonesprings @ 4138	4046.62	4188.00	141.38		25.00	
Spacer plug	5638.00	5890.00			25.00	
Wolfcamp @ 9066	8925.34	9116.00	190.66		25.00	
CIBP Plug	9915.00	9950.00	35.00	WOC and Tag	25.00	Leak test 500psi, 30mins

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.

Critical, High Cave Karst: Cave Karst depth to surface

R111P: Solid plug in all annuli - 50' from bottom of salt to surface.

Class C: 1.32 ft³/sx

Class H: 1.06 ft³/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	Low	500.00
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Shoe @ 475.00

Shoe @ 3385.00

Shoe @ 11990.00

Perforatons Top @ 11324.00

Perforatons Top @ 10002.00

Perforations 11538.00

Perforations 10020.00

CIBP @ 9950.00

**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 (LPC Habitat)**

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. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

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.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:

From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted



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

Well Name: Chocolate Chip 19 Federal COM #1
 Location: 1262 FSL & 1113 FWL
 County: Eddy, NM
 Lat/Long: 32.7292252,-104.0160828
 API #: 30-015-32215
 Spud Date: 3/20/02
 Compl. Date: 5/3/02



Current Wellbore Diagram:

KB:

GL: 3472

14.750"

11.375" 42.00# @ 474

300 sx = surface

TOC @ 2100

11.000"

8.625" 42.00# @ 3385

900 sx = surface

Halliburton PLT Versa Set PKR @ 9860

EOT @ 9892

Open Perfs 10002 - 10020

7.875"

5.500" 17.00# @ 11990

1530 sx = 2100

PBTD @ 11245

TD @ 11990

CIBP @ 11280 w/ 35' Class H (08/07/09)

Open Perfs 11324 - 11356

CIBP @ 11525 w/ 35' Class H (07/27/02)

Abandoned Perfs 11538 - 11545

Formation Tops

T of Salt	-
B of Salt	-
Rustler	-
Bell Canyon	-
Cherry Canyon	-
Brushy Canyon	-
Leonard	-
Bone Spring	4,138
Wolfcamp	9,066
Cisco	-
Canyon	-
Strawn	10,442
Atoka	10,758
Morrow	11,225

Not to Scale

By: AEC 9/23/22

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

CONDITIONS

Action 149842

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 149842
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	10/11/2022