Received by OCD: 3/29/2023 12:29:58 PM

eceived by OCD: 3/29/2023	12:29:58 PM	Page 1 of 14
	UNITED STATES DEPARTMENT OF THE INTERIOR	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021 5. Lease Serial No.
BU	JREAU OF LAND MANAGEMENT	5. Lease Serial No.
Do not use thi	Y NOTICES AND REPORTS ON WELLS is form for proposals to drill or to re-enter an II. Use Form 3160-3 (APD) for such proposals.	6. If Indian, Allottee or Tribe Name
SUBMIT	IN TRIPLICATE - Other instructions on page 2	7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well		
Oil Well Ga	as Well Other	8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec.,	T.,R.,M., or Survey Description)	11. Country or Parish, State
12. C	HECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF N	NOTICE, REPORT OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF	FACTION
Notice of Intent		Production (Start/Resume) Water Shut-Off Reclamation Well Integrity
Subsequent Report		Recomplete Other Temporarily Abandon
Final Abandonment Notice		Water Disposal
the proposal is to deepen directi the Bond under which the work completion of the involved open	d Operation: Clearly state all pertinent details, including estimated starti onally or recomplete horizontally, give subsurface locations and measur will be perfonned or provide the Bond No. on file with BLM/BIA. Requ ations. If the operation results in a multiple completion or recompletion Notices must be filed only after all requirements, including reclamation.	ed and true vertical depths of all pertinent markers and zones. Attach uired subsequent reports must be filed within 30 days following in a new interval, a Form 3160-4 must be filed once testing has been

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)					
	Title				
Signature	Date				
THE SPACE FOR FED	ERA	L OR STATE OFICE US	Accept	ed for record – NMOCD	gc4/20/2023
Approved by					
		Title		Date	
Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon.		Office			
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for a any false, fictitious or fraudulent statements or representations as to any matter with	21		te to any o	lepartment or agency of the	United States

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

2/9/23: Tag TOC @ 2,433' (WLM); Perf @ 401' WLM and establish injection; ND BOPs; RD WOR; MU pumping flange.

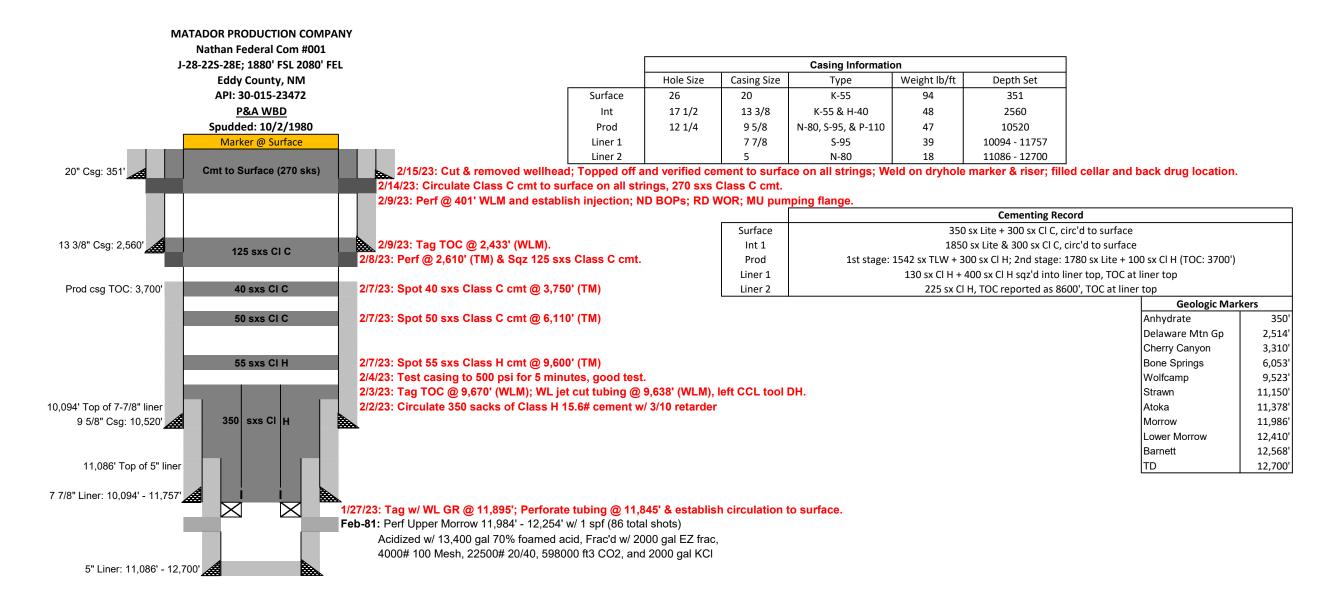
2/14/23: Circulate Class C cmt to surface on all strings, 270 sxs Class C cmt.

2/15/23: Cut & remove wellhead; Top off and verify cement to surface on all strings; Weld on dryhole marker & riser; fill cellar and back drag location.

Spud Date: 10/2/1980 Rig Release Date: RDMO; 2/15/2023 Inspector: Abiy Sisay

Location of Well

0. SHL: NWSE / 1880 FSL / 2080 FEL / TWSP: 22S / RANGE: 28E / SECTION: 28 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet) BHL: NWSE / 1880 FSL / 2080 FEL / TWSP: 22S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)



Cerven by UCD 3/29/2023 12:29:58 PM U.S. Department of the Interior BUREAU OF LAND MANAGEMENT		Sundry Print Repor
Well Name: NATHAN FED COM	Well Location: T22S / R28E / SEC 28 / NWSE /	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number:	Unit or CA Name:	Unit or CA Number:
US Well Number: 300152347200X1	Well Status: Abandoned	Operator: MATADOR PRODUCTION COMPANY

Subsequent Report

Sundry ID: 2717931

.

Type of Submission: Subsequent Report

Date Sundry Submitted: 02/28/2023

Date Operation Actually Began: 01/10/2023

Type of Action: Plug and Abandonment

Time Sundry Submitted: 09:36

Actual Procedure: BLM Bond No.: NMB001079 Surety Bond No.: RLB0015172 1/10/23: MIRU WOR. NU & test BOPs. POOH with 7,642' of tubing leaving TOF @ 7,642'. 1/11/23 – 1/26/23: Fish multiple times, recovering tubing down to 9,436'. Latch fish, free point pipe, and receive approval from Keith Immatty to cement remaining tubing in place. 1/27/23: MIRU WL & tag packer w/ GR @ 11,895'; Perforate tubing @ 11,845' & establish circulation to surface. 2/2/23: Circulate 350 sxs of Class H 15.6# cement w/ 3/10th retarder. 2/3/23: Tag TOC @ 9,670' (WLM); WL jet cut tubing @ 9,638' (WLM), left CCL tool DH. POOH LD tubing. 2/4/23: Test casing to 500 psi for 5 minutes, good test. 2/7/23: Spot 55 sxs Class H cmt @ 9,600' (TM); Spot 50 sxs Class C cmt @ 6,110' (TM); Spot 40 sxs Class C cmt @ 3,750' (TM). 2/8/23: Perf @ 2,610' (TM) & Sqz 125 sxs Class C cmt. 2/9/23: Tag TOC @ 2,433' (WLM); Perf @ 401' WLM and establish injection; ND BOPs; RD WOR; MU pumping flange. 2/14/23: Circulate Class C cmt to surface on all strings, 270 sxs Class C cmt. 2/15/23: Cut & remove wellhead; Top off and verify cement to surface on all strings; Weld on dryhole marker & riser; fill cellar and back drag location. Spud Date: 10/2/1980 Rig Release Date: RDMO; 2/15/2023 Inspector: Abiy Sisay

Received by OCD: 3/29/2023 12:29:58 PM Well Name: NATHAN FED COM	Well Location: T22S / R28E / SEC 28 / NWSE /	County or Parish/State: EDDY of 14
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number:	Unit or CA Name:	Unit or CA Number:
US Well Number: 300152347200X1	Well Status: Abandoned	Operator: MATADOR PRODUCTION COMPANY

SR Attachments

Actual Procedure

Nathan_Federal_Com__1_Dry_hole_marker_2_20230228092625.jpg Nathan_Federal_Com__1_Dry_hole_marker_20230228092624.jpg Nathan_Federal_Com__001_As_Plugged_WBD_20230227120847.pdf BLM_Approved_Nathan_Fed_Com_1_11.07.22__002__20230227120847.pdf

State: TX

State:

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: NICKY FITZGERALD

Name: MATADOR PRODUCTION COMPANY

Title: Regulatory

Street Address: 5400 LBJ FREEWAY STE 1500

City: DALLAS

Phone: (972) 371-5448

Email address: nicky.fitzgerald@matadorresources.com

Field

Representative Name: Street Address: City: Phone: Email address:

Zip:

BLM Point of Contact

BLM POC Name: JAMES A AMOS BLM POC Phone: 5752345927

Disposition: Accepted

Signature: James A. Amos

BLM POC Title: Acting Assistant Field Manager BLM POC Email Address: jamos@blm.gov Disposition Date: 03/22/2023

Signed on: FEB 27, 2023 12:14 PM

Received by OCD: 3/29/2023 12:29:58 PM



Sundry ID	2698841					
Plug Type	Тор	Bottom	Length	Tag	Sacks	Notes
Surface Plug	0.00	401.00	401.00	Verify circulated to surface		Perf and sqz. Operator bringing shoe plug to surface
Fresh Water @ 170	0.00	401.00	401.00			Perf and sqz. Operator bringing shoe plug to surface
Top of Salt @ 350	0.00	401.00	401.00			Perf and sqz. Operator bringing shoe plug to surface
Shoe Plug	0.00	401.00	401.00			Perf and sqz. Operator bringing shoe plug to surface
Delaware @ 2514	2438.86	2564.00	125.14	WOC and Tag	125.00	Same as below plug
Shoe Plug	2484.40	2610.00	125.60		125.00	Perf and sqz
Bonesprings @ 6053	5942.47	6103.00			50.00	
Wolfcamp @ 9523	9377.77	9573.00	195.23		55.00	
Shoe Plug	10364.80	10570.00	205.20	WOC and Tag	250.00	
Morrow @ 11986	11816.14	12036.00	219.86			Covered by below plug
CIBP Plug	11915.00	11950.00	35.00	Verify CIBP depth		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 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	Low	500.00
Shoe @	351.00	
Shoe @	2560.00	
Shoe @	10520.00	
Shoe @	12700.00	
Perforatons Top @	11984.00	Perforations 12254.00

CIBP @ 11950.00

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 <u>ninety (90)</u> 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. <u>Notification:</u> 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. <u>Blowout Preventers</u>: 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. <u>Mud Requirement:</u> 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. <u>Cement Requirement</u>: 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. <u>Dry Hole Marker</u>: 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. <u>Subsequent Plugging Reporting</u>: 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. <u>Trash</u>: 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 predisturbance 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.

- 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.
- 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

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	201927
	Action Type:
	[C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	4/20/2023

CONDITIONS

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Action 201927