

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

<b>Well Name:</b> HANNIFIN FED #	<b>Well Location:</b> T19S / R31E / SEC 1 / SWNW /	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 2	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM3620	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3001522960	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> MATADOR PRODUCTION COMPANY

**Notice of Intent**

**Sundry ID:** 2710887

**Type of Submission:** Notice of Intent

**Type of Action:** Plug Back

**Date Sundry Submitted:** 01/13/2023

**Time Sundry Submitted:** 06:51

**Date proposed operation will begin:** 01/20/2023

**Procedure Description:** Matador proposes the operation below: 1. Proposed Operation a. MIRU. Kill Well. ND WH. NU BOPs b. TOOH tbg & packer c. MIRU WL. RIH w/WL Set CIBP @ 11,800' (open perms 11,848' -11,998') d. RIH w/WL dump bailer & bail 35' CI H cmt on top of CIBP. WOC & Tag. Pressure test csg. e. RIH w/WL CCL & CBL & Verify TOC [Plan to Perf & Sqz cmt to isolate proposed Strawn perf interval if necessary] f. RIH w/WL, perf Strawn at 10,920' - 11,160' & acidize. g. Swab well for evaluation

**Surface Disturbance**

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

**NOI Attachments**

**Procedure Description**

Proposed\_Operation\_20230113065144.pdf

Proposed\_WBD\_20230113065137.pdf

Hannifin\_Federal\_2\_WBD\_Current\_20230113064842.pdf

**Notify NMOCD 24 Hours Prior to beginning operations**

The CBL proposed in the procedures shall be submitted to the Division. If the cement sheath around the casing is not adequate to protect the casing and isolate strata from the top Strawn perforation to at least 150 feet above the top Strawn perforation, then Matador shall conduct operations to remediate it prior to completing or producing from the formation.

*Dean R McClure*

05/31/2023

Well Name: HANNIFIR FED #

Well Location: T19S / R31E / SEC 1 / SWNW /

County or Parish/State: EDDY / NM

Well Number: 2

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM3620

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001522960

Well Status: Producing Gas Well

Operator: MATADOR PRODUCTION COMPANY

Conditions of Approval

Specialist Review

HANNIFIR\_FED\_2\_2710887\_PLUG\_BACK\_PROCEDURE\_AND\_COA\_20230324091111.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: BRETT JENNINGS

Signed on: JAN 13, 2023 06:51 AM

Name: MATADOR PRODUCTION COMPANY

Title: Regulatory Analyst

Street Address: 5400 LBJ FREEWAY, STE 1500

City: DALLAS

State: TX

Phone: (972) 629-2160

Email address: BRETT.JENNINGS@MATADORRESOURCES.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

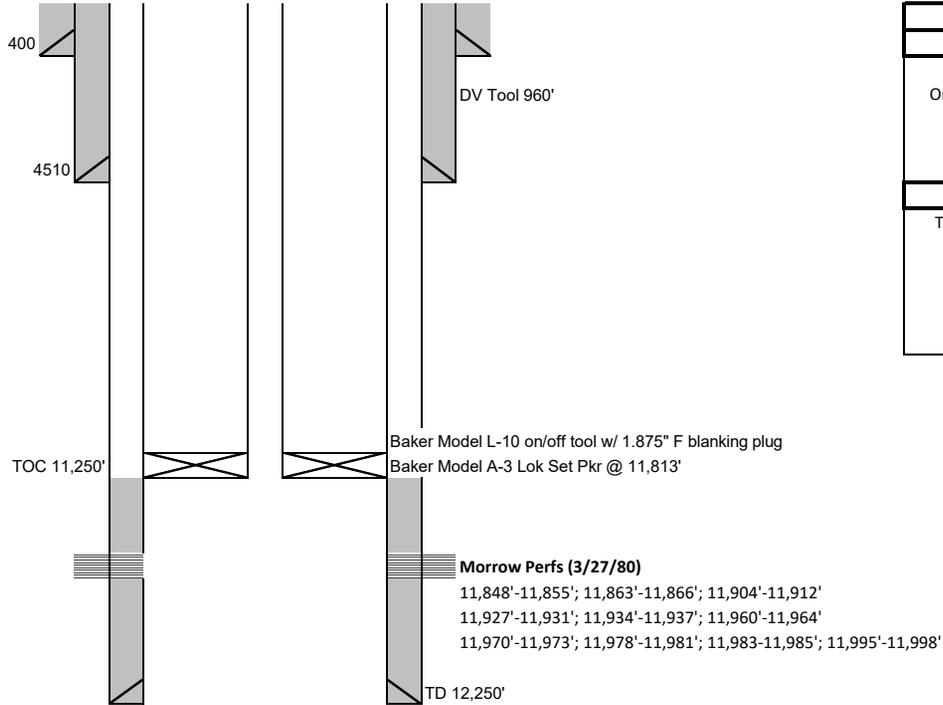
Disposition Date: 03/24/2023

Signature: KEITH IMMATTY

1. Proposed Operation
  - a. MIRU. Kill Well. ND WH. NU BOPs
  - b. TOOH tbg & packer
  - c. MIRU WL. RIH w/WL Set CIBP @ 11,800' (open perfs 11,848' -11,998')
  - d. RIH w/WL dump bailer & bail 35' CI H cmt on top of CIBP. WOC & Tag. Pressure test csg.
  - e. RIH w/WL CCL & CBL & Verify TOC [Plan to Perf & Sqz cmt to isolate proposed Strawn perf interval if necessary]
  - f. RIH w/WL, perf Strawn at 10,920' – 11,160' & acidize.
  - g. Swab well for evaluation

**Procedure OK as proposed. Please review COA below. After operations are completed, please submit Recompletion Sundry to update Completion Report and a Subsequent Report to update well status**

**Devon Energy/Matador Resources**  
**Hannifin Federal #2**  
**Sec 1-T19S-R31E**  
**Eddy County, NM**  
**API: 30-015-22960**  
**CURRENT WELLBORE SCHEMATIC**  
**Spud Date: 1/15/1980**



Casing Information						
	Casing Size (in)	lb/ft	Grade	Depth	Hole Size (in)	Cementing Record
Surface	13 3/8	48		400	17 1/2	450 sx circ to surface
Intermediate	8 5/8	24 & 32	K55	4,510	11	1250 sx circ to surface
Production	4 1/2	11.6 & 13.5	N80	12,250	7 7/8	300 sx TOC 11,250'

Tubing (2-3/8 4.7# L80)	
Item	Depth/#
Joints	378
On/Off Tool	
Packer	11,813'
Perfs	11,848'-11,998'
PBTD	12,200'
Rods - None	
Total Rods	
Pony jts	
7/8"	
3/4"	
7/8"	
1"	

Geologic Markers	
Rustler	810
Salt	980
Yates	2690
Seven Rivers	3090
Queen	3733
Grayburg	4190
Delaware	5427
Bone Spring	6720
Wolfcamp	10060
Strawn	10907
Atoka	11195
Morrow	11510

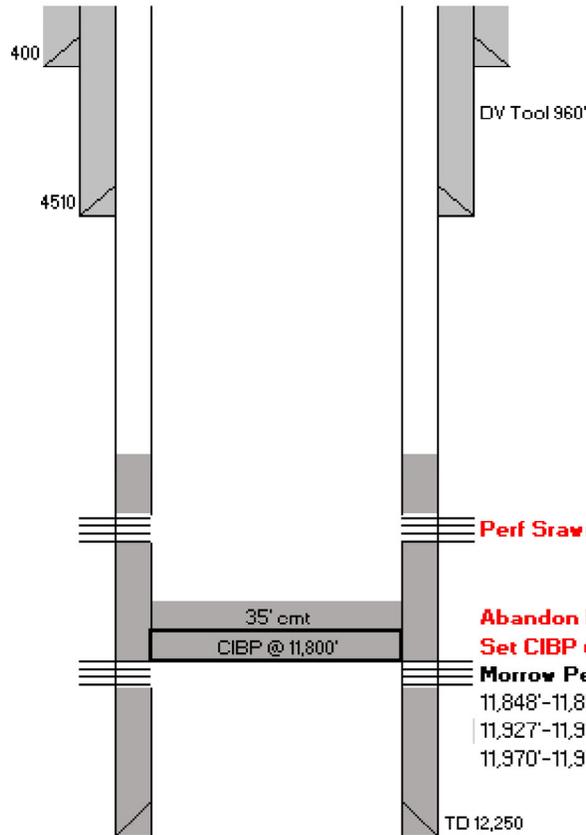
3/4/1980

Ran 4-1/2" N-80	Length, ft	TD, ft
KB Connection	18.00	18.00
40 jts (13.5#)	2,067.68	2,085.68
<b>194 jts (11.6#)</b>	<b>8,225.30</b>	<b>10,310.98</b>
45 jts (13.5#)	1,901.54	12,212.52
Float Collar	1.58	12,214.10
Shoe jt (13.5#)	41.85	12,255.95
Shoe	0.83	12,256.78
Less Cutoff	(6.78)	12,250.00
<b>Landed at TD</b>	<b>12,250.00</b>	

Note: Wolfcamp is in 11.6# section, with the most bottom perf expected to be 10,250'.

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 Hannifin Federal #2  
 Sec 1-T19S-R31E  
 Eddy County, NM  
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**BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Conditions of Approval for Permanent Abandonment of a Production Zone**

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 Plug Back.

**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 completed interval 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 plug back 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 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
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. Casing Integrity Test: The casing shall be filled with corrosion inhibited fluid above the CIBP and pressure tested to 1000 psi surface pressure with a pressure drop not more than 10 percent over 15-minute period. If the well does not pass the casing integrity test, then the operator shall either repair the casing and re-test or within 30 days submit a procedure to plug and abandon the well.
7. Subsequent Plug back Reporting: Within 30 days after plug back work is completed, file a Subsequent Report (Form 3160-5) or via the AFMSS 2 WISx Module to BLM. The report should give in detail the manner in which the plug back 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 zone was plugged. After plugging back to a new zone submit a Completion Report (Form 3160-4) or via the AFMSS 2 WISx Module with the Subsequent Report. The plugged zone shall be in plug back status.

Include the following information:

- a. A well bore diagram with all perforations, CIBP's, and tops of cement on CIBP's.
  - b. A description of the plug back procedure.
  - c. A clear copy or the original of the pressure test chart.
  - d. A copy of any logs ran.
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.
  9. If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken:  
From March 1<sup>st</sup> through June 15<sup>th</sup> 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.

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 Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources  
Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

FORM C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-22960		<sup>2</sup> Pool Code 85300 29310		<sup>3</sup> Pool Name <del>SHUGART; MORROW (GAS)</del> GREENWOOD; STRAWN	
<sup>4</sup> Property Code 322217		<sup>5</sup> Property Name HANNIFIN FEDERAL			<sup>6</sup> Well Number 002
<sup>7</sup> OGRID No. 228937		<sup>8</sup> Operator Name MATADOR PRODUCTION COMPANY			<sup>9</sup> Elevation 3632'

<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	1	19-S	31-E	-	1980'	NORTH	666'	WEST	EDDY

<sup>11</sup>Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	1	19-S	31-E	-	1980'	NORTH	666'	WEST	EDDY

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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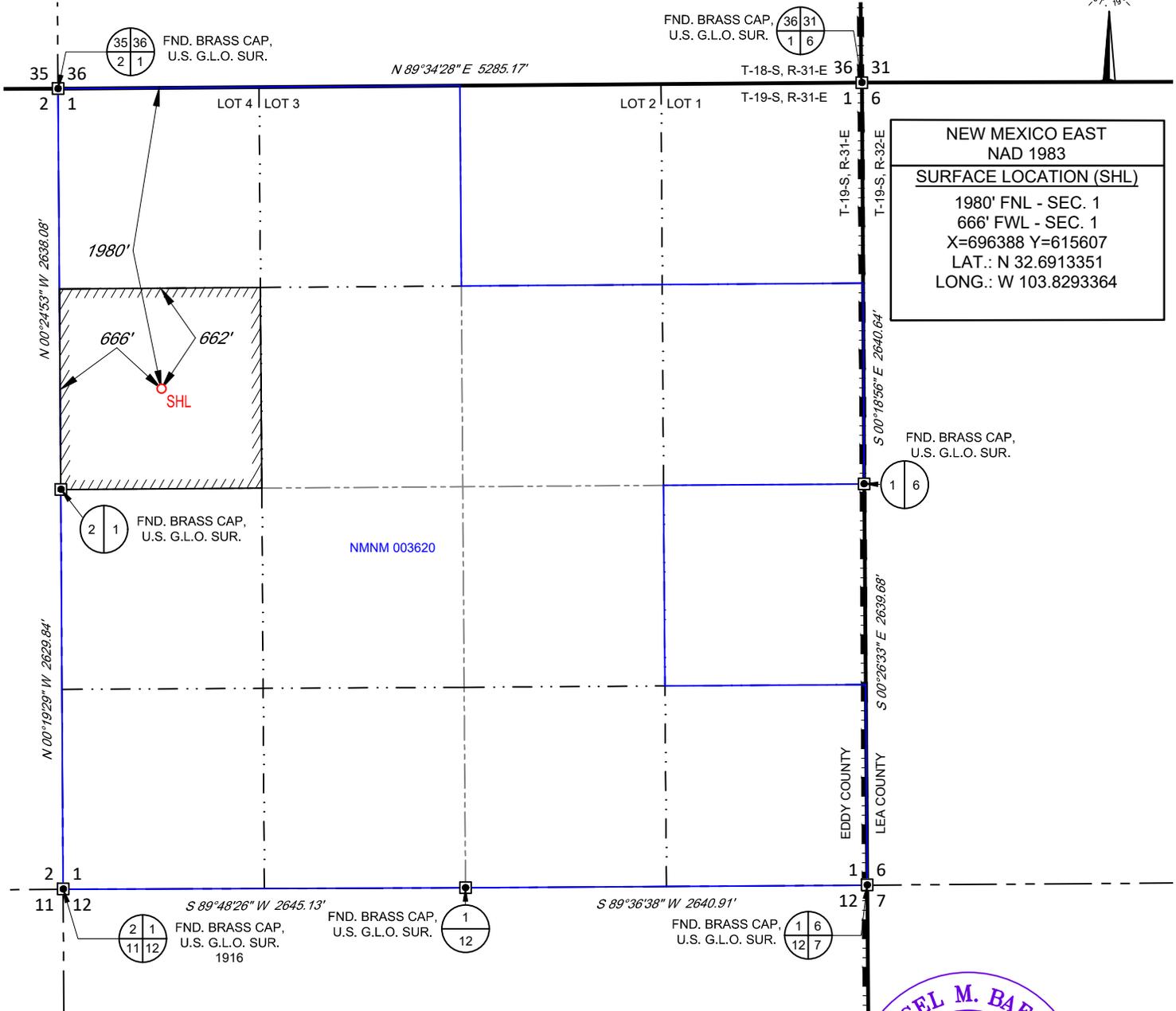
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	<p><sup>17</sup>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Brett Jennings</i> 05/25/2023 Signature Date</p> <p>Brett Jennings Printed Name Brett.Jennings@matadorresources.com E-mail Address</p>
	<p><sup>18</sup>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.</p> <p>04/03/2023 Date of Survey Signature and Seal of Professional Surveyor</p>
<p>NEW MEXICO EAST NAD 1983</p>	
<p>SURFACE LOCATION (SHL) 1980' FNL - SEC. 1 666' FWL - SEC. 1 X=696388 Y=615607 LAT.: N 32.6913351 LONG.: W 103.8293364</p>	
<p>NEW MEXICO EAST NAD 1927</p>	
<p>SURFACE LOCATION (SHL) X=655208 Y=615544 LAT.: N 32.6912151 LONG.: W 103.8288337</p>	

SCALE: 1" = 1000'  
0' 500' 1000'



SECTION 1, TOWNSHIP 19-S, RANGE 31-E, N.M.P.M.  
EDDY COUNTY, NEW MEXICO

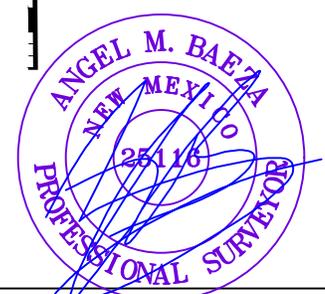


NEW MEXICO EAST  
NAD 1983  
SURFACE LOCATION (SHL)  
1980' FNL - SEC. 1  
666' FWL - SEC. 1  
X=696388 Y=615607  
LAT.: N 32.6913351  
LONG.: W 103.8293364

LEASE NAME & WELL NO.: HANNIFIN FEDERAL 002  
SECTION 1 TWP 19-S RGE 31-E SURVEY N.M.P.M.  
COUNTY EDDY STATE NM  
DESCRIPTION 1980' FNL & 666' FWL

DISTANCE & DIRECTION  
FROM INT. OF NM-243, & HWY. 62, GO NORTHWEST ON NM-243 ±4.5  
MILES, THENCE NORTH (RIGHT) ON CO. RD. 126A ±7.1 MILES, THENCE  
WEST (LEFT) ON A LEASE RD ±1 MILES, THENCE NORTHWEST (RIGHT) ON  
A LEASE RD. ±2.6 MILES, THENCE EAST (RIGHT) ON A LEASE RD ±0.7  
MILES, TO A POINT ±136 FEET SOUTHWEST OF THE LOCATION.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET  
THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.  
AS OF THE DATE OF SURVEY, ALL ABOVE GROUND APPURTENANCES WITHIN 300' OF THE STAKED LOCATION ARE SHOWN HEREON.



Angel M. Baeza, P.S. No. 25116  
April 17, 2023

**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY  
481 WINSOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126  
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554  
TEXAS FIRM REGISTRATION NO. 10042504  
WWW.TOPOGRAPHIC.COM

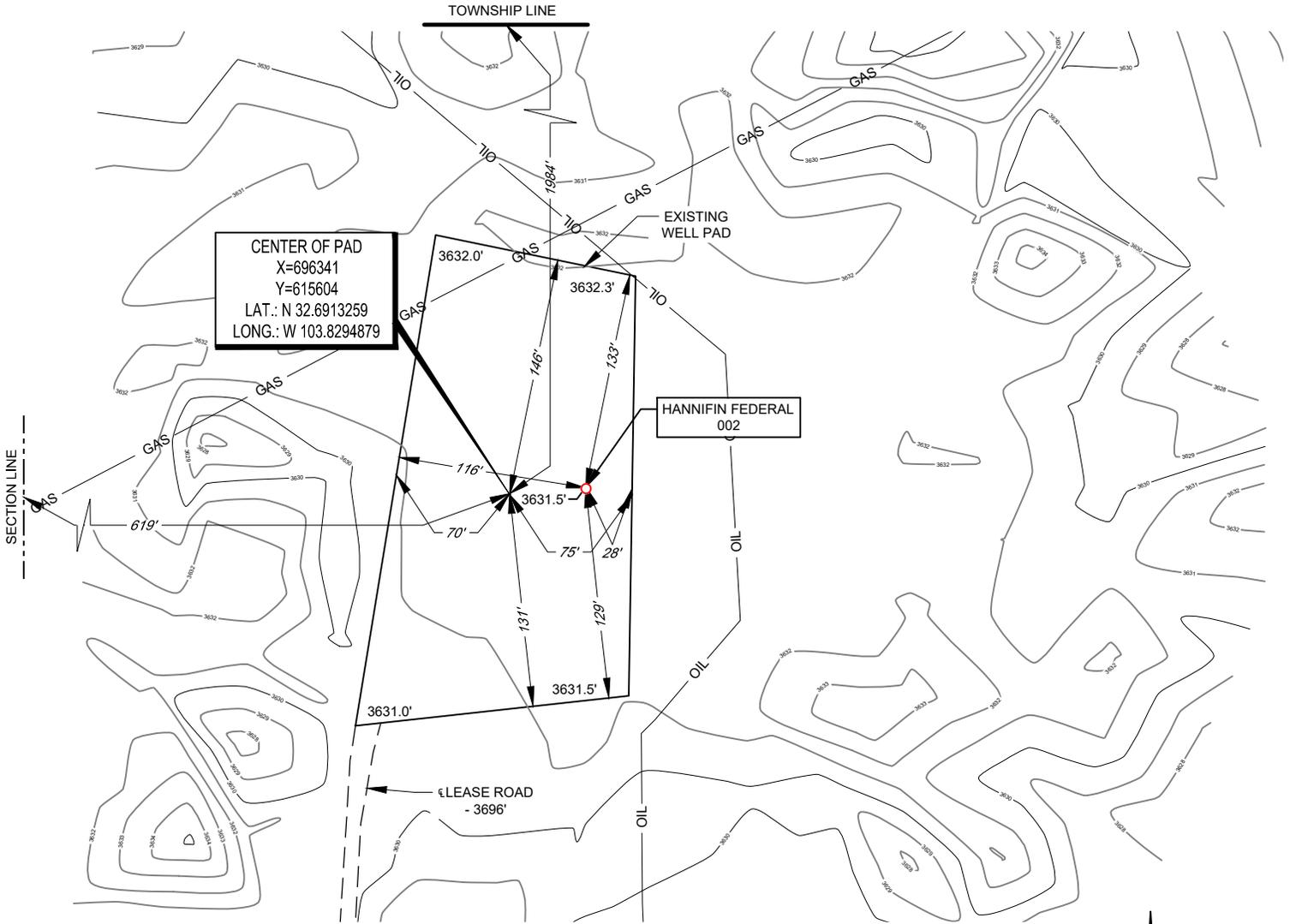


LEGEND

- == == == EXISTING ROAD
- - - - SECTION LINE
- OIL — EXISTING OIL PIPELINE
- GAS — EXISTING GAS PIPELINE

SECTION 1, TOWNSHIP 19-S, RANGE 31-E, N.M.P.M.  
EDDY COUNTY, NEW MEXICO

DETAIL VIEW  
SCALE: 1" = 100'

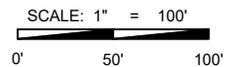


LEASE NAME & WELL NO.: HANNIFIN FEDERAL 002  
 002 LATITUDE N 32.6913351 002 LONGITUDE W 103.8293364

CENTER OF PAD IS 1984' FNL & 619' FWL



Angel M. Baeza, P.S. No. 25116



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THIS PROPOSED PAD SITE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. ONLY THE DATA SHOWN ABOVE IS BEING CERTIFIED TO. ALL OTHER INFORMATION WAS INTENTIONALLY OMITTED. THIS PLAT IS ONLY INTENDED TO BE USED FOR A PERMIT AND IS NOT A BOUNDARY SURVEY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

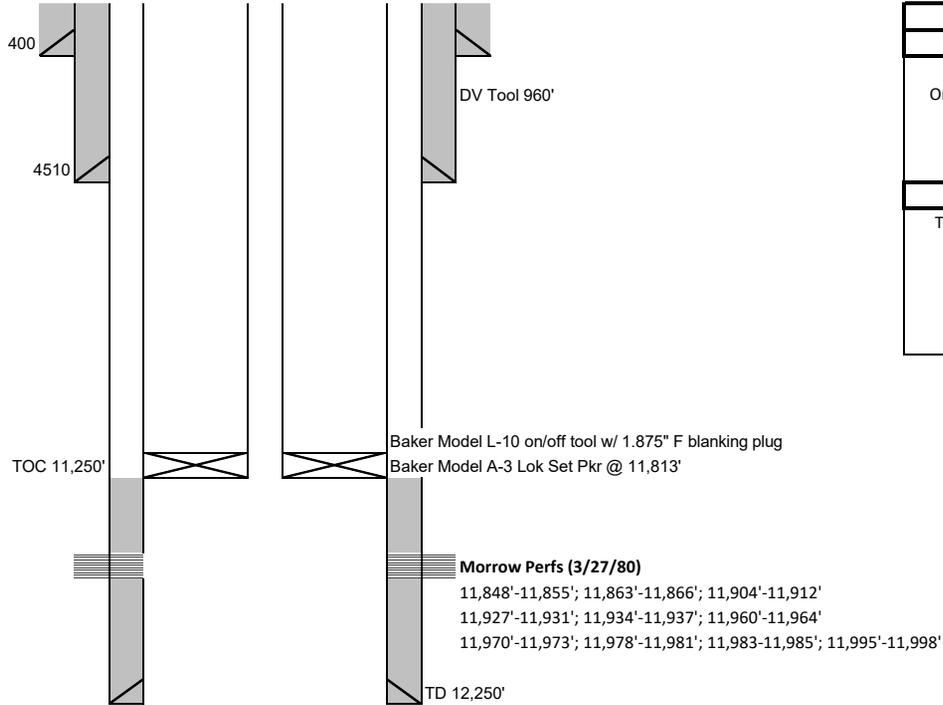
**TOPOGRAPHIC**  
 LOYALTY INNOVATION LEGACY  
 481 WINSOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126  
 TELEPHONE: (817) 744-7512 • FAX (817) 744-7554  
 TEXAS FIRM REGISTRATION NO. 10042504  
 WWW.TOPOGRAPHIC.COM

ORIGINAL DOCUMENT SIZE: 8 5" X 11"

1. Proposed Operation

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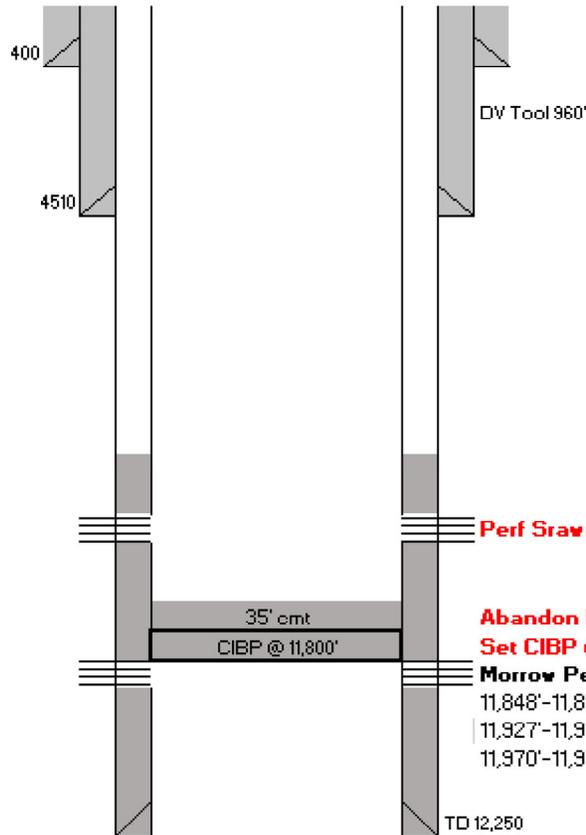
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**Matador Resources**  
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 Sec 1-T195-R31E  
 Eddy County, NM  
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**Perf Strawn @ 10,920' - 11,160'**

3/4/1980

**Abandon Morrow**  
**Set CIBP @ 11,800' w 35' dump bailed cmt**  
**Morrow Perfs (3/27/80)**

11,848'-11,855'; 11,863'-11,866'; 11,904'-11,912'  
 11,927'-11,931'; 11,934'-11,937'; 11,960'-11,964'  
 11,970'-11,973'; 11,978'-11,981'; 11,983'-11,985'; 11,995'-11,998'

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Rustler	810
Salt	980
Yates	2690
Seven Rivers	3090
Queen	3733
Grayburg	4190
Delaware	5427
Bone Spring	6720
Wolfcamp	10060
Strawn	10907
Atoka	11195
Morrow	11510

Ran 4-1/2" N-80	Length, ft	TD, ft
KB Connection	18.00	18.00
40 jts (13.5#)	2,067.68	2,085.68
<b>194 jts (11.6#)</b>	<b>8,225.30</b>	<b>10,310.98</b>
45 jts (13.5#)	1,901.54	12,212.52
Float Collar	1.58	12,214.10
Shoe jt (13.5#)	41.85	12,255.95
Shoe	0.83	12,256.78
Less Cutoff	(6.78)	12,250.00
<b>Landed at TD</b>	<b>12,250.00</b>	

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Submit Electronically  
 Via E-permitting

Oil Conservation Division  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

**NATURAL GAS MANAGEMENT PLAN**

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

**Section 1 – Plan Description**  
Effective May 25, 2021

**I. Operator:** Matador Production Company **OGRID:** 228937 **Date:** \_\_\_\_\_

**II. Type:**  Original  Amendment due to  19.15.27.9.D(6)(a) NMAC  19.15.27.9.D(6)(b) NMAC  Other.

If Other, please describe: \_\_\_\_\_

**III. Well(s):** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipat ed Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Hannifin Federal 002	30-015-22960	E-1-19S-31E	1,980' FNL 666' FWL	300	3000	100

**IV. Central Delivery Point Name:** Hannifin Fed TB [See 19.15.27.9(D)(1) NMAC]

**V. Anticipated Schedule:** Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Hannifin Federal 002	30-015-22960	N/A	N/A	06/01/2023	06/10/2023	06/10/2023

**VI. Separation Equipment:**  Attach a complete description of how Operator will size separation equipment to optimize gas capture.

**VII. Operational Practices:**  Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

**VIII. Best Management Practices:**  Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

**Section 2 – Enhanced Plan**  
**EFFECTIVE APRIL 1, 2022**

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

**IX. Anticipated Natural Gas Production:**

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

**X. Natural Gas Gathering System (NGGS):**

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

**XI. Map.**  Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

**XII. Line Capacity.** The natural gas gathering system  will  will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

**XIII. Line Pressure.** Operator  does  does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

Attach Operator’s plan to manage production in response to the increased line pressure.

**XIV. Confidentiality:**  Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

**Section 3 - Certifications****Effective May 25, 2021**

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

***If Operator checks this box, Operator will select one of the following:***

**Well Shut-In.**  Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

**Venting and Flaring Plan.**  Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

**Section 4 - Notices**

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature: 
Printed Name: Kenneth Dodson
Title: Staff Facilities Engineer
E-mail Address: <a href="mailto:kdodson@matadorresources.com">kdodson@matadorresources.com</a>
Date: 24 MAY 2023
Phone: (972) 371-5489
<b>OIL CONSERVATION DIVISION</b> <b>(Only applicable when submitted as a standalone form)</b>
Approved By:
Title:
Approval Date:
Conditions of Approval:

**Addendum to Natural Gas Management Plan for Matador's**  
**Hannifin Fed TB**

**VI. Separation Equipment**

Flow from the well will be routed via a flowline to a 72"x20' three phase heater treater dedicated to the well. The heater treater is sized with input from BRE ProMax and API 12J. Anticipated production rates can be seen in the below table. Liquid retention times at expected maximum rates will be >3 minutes. Gas will be routed from the heater treater to sales. Hydrocarbon liquids are dumped from the heater treater to the tanks where vapor is compressed by a VRU if technically feasible to either sales or a compressor if the sales line pressure is higher than the VRU's maximum discharge pressure (~150 psi). Therefore, Matador has sized our separation equipment to optimize gas capture and our separation equipment is of sufficient size to handle the expected volumes of gas.

Well Name	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Hannifin Federal 002	300	3,000	100

**VII. Operation Practices**

Although not a complete recitation of all our efforts to comply with subsection A through F of 19.15.27.8 NMAC, a summary is as follows. During initial flowback we will route the flowback fluids into completion or storage tanks and, to the extent possible, flare rather than vent any gas. We will commence operation of a separator as soon as technically feasible and have instructed our team that we want to connect the gas to sales as soon as possible but not later than 30 days after initial flowback.

Regarding production operations, we have designed our production facilities to be compliant with the requirements of Part E of 19.15.27.8 NMAC. We will instruct our team to perform the AVOs on the frequency required under the rules. While the well is producing, we will take steps to minimize flaring during maintenance, as set forth below, and we have a process in place for the measuring of any flared gas and the reporting of any reportable flaring events.

**VII. Best Management Practices**

Steps are taken to minimize venting during active or planned maintenance when technically feasible including:

- Isolating the affected component and reducing pressure through process piping
- Blowing down the equipment being maintained to a control device
- Performing preventative maintenance and minimizing the duration of maintenance activities
- Shutting in sources of supply as possible
- Other steps that are available depending on the maintenance being performed

**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 220489

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 220489
	Action Type: [C-103] NOI Recompletion (C-103E)

**CONDITIONS**

Created By	Condition	Condition Date
dmccure	Notify NMOCD 24 Hours Prior to beginning operations	5/31/2023
dmccure	The CBL proposed in the procedures shall be submitted to the Division. If the cement sheath around the casing is not adequate to protect the casing and isolate strata from the top Strawn perforation to at least 150 feet above the top Strawn perforation, then Matador shall conduct operations to remediate it prior to completing or producing from the formation.	5/31/2023