

<b>Well Name:</b> COLONEL R. HOWARD FED COM	<b>Well Location:</b> T23S / R27E / SEC 22 / NENE / 32.2944583 / -104.1726666	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 200H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM139351	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3001557558	<b>Operator:</b> MATADOR PRODUCTION COMPANY	

**Notice of Intent**

**Sundry ID:** 2898520

**Type of Submission:** Notice of Intent

**Type of Action:** APD Change

**Date Sundry Submitted:** 03/03/2026

**Time Sundry Submitted:** 09:54

**Date proposed operation will begin:** 03/03/2026

**Procedure Description:** BLM bond number: NMB001079 Surety bond number: RLB0015172 Matador request the option to amend the well design of the Colonel R Howard Fed Com 200H and make the following changes to the current APD: - Option to drill intermediate hole size of 8-3/4" OH - Option to run intermediate casing type of 7-5/8" MO-FXL - Option to perform a bradenhead squeeze on the intermediate string. The top of the primary tail slurry will be pumped to the top of the Brushy Canyon, bradenhead squeeze will be performed offline to fill the annulus to surface.

**NOI Attachments**

**Procedure Description**

Colonel\_R\_Howard\_Fed\_Com\_200H\_Casing\_Table\_Spec\_\_\_Option\_A\_20260303093911.pdf

Colonel\_R\_Howard\_Fed\_Com\_200H\_Sundry\_Info\_\_\_NEW\_20260303093911.pdf

Colonel\_R\_Howard\_Fed\_Com\_200H\_Casing\_Table\_Spec\_\_\_Option\_B\_20260303093911.pdf

**Well Name:** COLONEL R. HOWARD  
FED COM

**Well Location:** T23S / R27E / SEC 22 /  
NENE / 32.2944583 / -104.1726666

**County or Parish/State:** EDDY /  
NM

**Well Number:** 200H

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM139351

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 3001557558

**Operator:** MATADOR PRODUCTION  
COMPANY

### Conditions of Approval

#### Additional

COLONEL\_R.\_HOWARD\_FED\_COM\_200H\_Sundry\_2898520\_COA\_20260314115927.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:** NICKY FITZGERALD

**Signed on:** MAR 03, 2026 09:39 AM

**Name:** MATADOR PRODUCTION COMPANY

**Title:** Regulatory Consultant

**Street Address:** 5400 LBJ FREEWAY STE 1500

**City:** DALLAS

**State:** TX

**Phone:** (972) 371-5448

**Email address:** nicky.fitzgerald@matadorresources.com

### Field

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

### BLM Point of Contact

**BLM POC Name:** CODY LAYTON

**BLM POC Title:** Assistant Field Manager Lands & Minerals

**BLM POC Phone:** 5752345959

**BLM POC Email Address:** CLAYTON@BLM.GOV

**Disposition:** Approved

**Disposition Date:** 04/02/2026

**Signature:** Cody R. Layton

Form 3160-5  
(October 2024)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0220  
Expires: October 31, 2027

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

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     Gas 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. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Title

Signature

Date

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which 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 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.

(Instructions on page 2)

## GENERAL INSTRUCTIONS

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

### Location of Well

0. SHL: NENE / 1265 FNL / 986 FEL / TWSP: 23S / RANGE: 27E / SECTION: 22 / LAT: 32.2944583 / LONG: -104.1726666 ( TVD: 0 feet, MD: 0 feet )  
PPP: NWNW / 660 FNL / 330 FWL / TWSP: 23S / RANGE: 27E / SECTION: 23 / LAT: 32.2961809 / LONG: -104.1684045 ( TVD: 9189 feet, MD: 9568 feet )  
PPP: NENW / 660 FNL / 2639 FEL / TWSP: 23S / RANGE: 27E / SECTION: 23 / LAT: 32.296188 / LONG: -104.16093 ( TVD: 9190 feet, MD: 11877 feet )  
PPP: NWNE / 660 FNL / 1319 FEL / TWSP: 23S / RANGE: 27E / SECTION: 23 / LAT: 32.2961899 / LONG: -104.1566598 ( TVD: 9190 feet, MD: 13100 feet )  
PPP: SENE / 1328 FNL / 100 FEL / TWSP: 23S / RANGE: 27E / SECTION: 23 / LAT: 32.2943566 / LONG: -104.1527194 ( TVD: 9190 feet, MD: 14807 feet )  
PPP: SWNE / 1980 FNL / 2639 FWL / TWSP: 23S / RANGE: 27E / SECTION: 23 / LAT: 32.2925605 / LONG: -104.1609422 ( TVD: 9190 feet, MD: 17708 feet )  
BHL: SWNW / 1978 FNL / 340 FWL / TWSP: 23S / RANGE: 27E / SECTION: 23 / LAT: 32.292558 / LONG: -104.168382 ( TVD: 9190 feet, MD: 20008 feet )

CONFIDENTIAL

## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

<b>OPERATOR'S NAME:</b>	MATADOR PRODUCTION COMPANY
<b>WELL NAME &amp; NO.:</b>	COLONEL R. HOWARD FED COM 200H
<b>APD ID:</b>	10400106522
<b>LOCATION:</b>	Section 22, T.23 S., R.27 E. NMP.
<b>COUNTY:</b>	<input type="text" value="Eddy County, New Mexico"/>

COA

H <sub>2</sub> S	<input type="radio"/> No	<input checked="" type="radio"/> Yes	
<b>Potash / WIPP</b>	<input checked="" type="radio"/> None	<input type="radio"/> Secretary	<input type="radio"/> R-111-Q <input type="checkbox"/> Open Annulus <input type="checkbox"/> WIPP
<b>Cave / Karst</b>	<input type="radio"/> Low	<input type="radio"/> Medium	<input checked="" type="radio"/> High <input type="radio"/> Critical
<b>Wellhead</b>	<input type="radio"/> Conventional	<input checked="" type="radio"/> Multibowl	<input type="radio"/> Both <input type="radio"/> Diverter
<b>Cementing</b>	<input type="checkbox"/> Primary Squeeze	<input type="checkbox"/> Cont. Squeeze	<input type="checkbox"/> EchoMeter <input checked="" type="checkbox"/> DV Tool
<b>Special Req</b>	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> Water Disposal	<input checked="" type="checkbox"/> COM <input type="checkbox"/> Unit
<b>Waste Prev.</b>	<input type="radio"/> Self-Certification	<input checked="" type="radio"/> Waste Min. Plan	<input type="radio"/> APD Submitted prior to 06/10/2024
<b>Additional Language</b>	<input checked="" type="checkbox"/> Flex Hose <input type="checkbox"/> Four-String	<input type="checkbox"/> Casing Clearance <input checked="" type="checkbox"/> Offline Cementing	<input type="checkbox"/> Pilot Hole <input type="checkbox"/> Fluid-Filled <input checked="" type="checkbox"/> Break Testing

SEE ORIGINAL COA FOR ALL OTHER REQUIREMENTS.

### A. CASING

**Note:** Surface casing set depth was adjusted per BLM geologist's recommendation. *"The operator proposes to set surface casing at 197' which, according to nearby well logs, may not protect the usable water. Instead, BLM suggests to set the surface casing at approximately 350', which will be in competent bedrock for casing and will adequately protect all usable water zones. If salt is encountered set casing at least 25' above the salt."*

1. The **13-3/8** inch surface casing shall be set at approximately **350** ft. (a minimum of 70 feet (Eddy County) into the Rustler Anhydrite, above the salt, and below usable fresh water) and cemented to the surface. **If salt is encountered, set casing at least 25 ft. above the salt.**
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic-type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
  - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or **500 psi compressive strength**, whichever is greater. (This is to include the lead cement)

- c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
- d. If cement falls back, remedial cementing will be done prior to drilling out that string.

**Note:** Due to the change in surface casing set depth, the cement volume must be adjusted accordingly.

**Note:** Operator has requested to have the option to drill either 17-1/2" or 20" surface hole. Both hole sizes meet title 43 CFR 3172 clearance requirements between casing-coupling and hole. This option is granted; adjust cement volume accordingly.

2. The 7-5/8 inch intermediate casing shall be set in a competent bed at approximately **8,542 ft.** (8,467 ft. TVD). The minimum required fill of cement behind the 7-5/8 inch intermediate casing is:

**Option 1 (Single stage): Cement to surface.** If cement does not circulate see B.1.a, c-d above. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to **Cave/Karst**.

**Option 2 (Two-stage):** Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

- **First stage to DV tool:** Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.
- **Second stage above DV tool: Cement to surface.** If cement does not circulate see B.1.a, c-d above. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to **Cave/Karst**.

**Option 3 (Two-stage):** Operator has proposed to cement in two stages by conventionally cementing the first stage and performing a bradenhead squeeze on the second stage, contingent upon no returns to surface.

- a. **First stage:** Operator will cement with intent to reach the top of the **Brushy Canyon** at 4,135 ft.
  - b. **Second stage:** Operator will perform bradenhead squeeze and top-out. **Cement to surface.** If cement does not reach surface, the appropriate BLM office shall be notified. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to Cave/Karst.
- ❖ Operator has proposed to pump down Surface × Intermediate 1 annulus after primary cementing stage. **Operator must run Echo-meter to verify Cement Slurry/Fluid top in the annulus OR operator shall run a CBL from TD of the Intermediate 1 casing to tieback requirements listed above after the second stage BH to verify TOC.** Submit results to the BLM. No displacement fluid/wash out shall be utilized at the top of the

cement slurry between second stage BH and top out. Operator must use a limited flush fluid volume of 1 bbl following backside cementing procedures.

- ❖ In High Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3<sup>rd</sup> casing string must come to surface.

**Note:** The operator has requested the option to drill intermediate hole size of 8-3/4" and run 7-5/8" MO-FXL intermediate casing (Flush Joint). This option is approved. Adjust cement volume accordingly.

3. Operator has proposed to set **5-1/2-inch** production casing at approximately **20,008 ft.** (9,190 ft. TVD). The minimum required fill of cement behind the production casing is:
  - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification. Operator shall use one of the approved methods for cement verification located in the **General Requirements, Section A.1.**

### Offline Cementing

Operator has been (**Approved**) to pump the proposed cement program offline in the **Surface and intermediate(s) intervals**. Offline cementing should commence within 24 hours of landing the casing for the interval. Notify the BLM 4hrs prior to the commencement of any offline cementing procedure at **Eddy County: 575-361-2822.**

## GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

### Contact Eddy County Petroleum Engineering Inspection Staff:

Email or call the Carlsbad Field Office, 520 East Greene St., Carlsbad, NM 88220; [BLM\\_NM\\_CFO\\_DrillingNotifications@BLM.GOV](mailto:BLM_NM_CFO_DrillingNotifications@BLM.GOV); (575) 361-2822.

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
  - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
  - b. When the operator proposes to set surface casing with Spudder Rig
    - i. Notify the BLM when moving in and removing the Spudder Rig.
    - ii. Notify the BLM when moving in the 2<sup>nd</sup> Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.

- iii. BOP/BOPE test to be conducted per **43 CFR 3172** as soon as 2<sup>nd</sup> Rig is rigged up on well.
2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the doghouse or stairway area.
3. For intervals in which cement to surface is required, cement to surface should be verified with a visual check and density or pH check to differentiate cement from spacer and drilling mud. The results should be documented in the driller's log and daily reports.

#### **A. CASING & CEMENTING**

1. The current acceptable methods of cement verification are as follows:
  - i. Observing cement circulated to surface,
  - ii. Cement Bond Log (CBL),
  - iii. Temperature log within 8-10 hours after completing the cement job,
  - iv. Echometer (if a second-stage bradenhead is being utilized and operator was granted approval prior to operations.)
2. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.
3. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends of both lead and tail cement, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
4. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.

5. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
6. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
7. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
8. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
9. Whenever a casing string is cemented in the R-111-Q potash area, the NMOCD requirements shall be followed.

## **B. PRESSURE CONTROL**

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in **43 CFR 3172**.
2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.
3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
  - i. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - ii. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
  - iii. Manufacturer representative shall install the test plug for the initial BOP test.
  - iv. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.

- v. If the cement does not circulate and one-inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
    - i. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
    - ii. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve open. (Only applies to single stage cement jobs, prior to the cement setting up.)
    - iii. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for 8 hours or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).
    - iv. The test shall be run on a 5000-psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one-hour chart. A circular chart shall have a maximum 2-hour clock. If a twelve hour or twenty-four-hour chart is used, tester shall make a notation that it is run with a two hour clock.
    - v. The results of the test shall be reported to the appropriate BLM office.
    - vi. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
    - vii. The BOP/BOPE test shall include a low-pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

- viii. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per **43 CFR 3172**.

**C. DRILLING MUD**

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

**D. WASTE MATERIAL AND FLUIDS**

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

**SA 03/14/2026**

### Casing Table Specification Sheet

Colonel R Howard Fed Com 200H  
 SHL: 1265' FNL & 986' FEL Section 22  
 BHL: 1978' FNL & 340' FWL Section 23  
 Township/Range: 23S 27E  
 Elevation Above Sea Level: 3143

String	Hole Size (in)	Set MD (ft)	Set TVD (ft)	Casing Size (in)	Wt. (lb/ft)	Grade	Joint	Collapse	Burst	Tension
Surface	17.5	0 - 197	0 - 197	13.375	54.5	J-55	BUTT	1.125	1.125	1.8
Intermediate 1	9.875	0 - 8542	0 - 8467	7.625	29.7	P-110	BUTT	1.125	1.125	1.8
Production	6.75	0 - 20008	0 - 9190	5.5	20	P-110	Hunting TLW-SC	1.125	1.125	1.8

**Drill Plan**

**Colonel R Howard Fed Com 200H**  
**SHL: 1265' FNL & 986' FEL Section 22**  
**BHL: 1978' FNL & 340' FWL Section 23**  
**Township/Range: 23S 27E**  
**Elevation Above Sea Level: 3143**

**Sundry Request**

Matador request the option to amend the well design of the Colonel R Howard Fed Com 200H and make the following changes to the current APD:

- Option to drill intermediate hole size of 8-3/4" OH
- Option to run intermediate casing type of 7-5/8" MO-FXL
- Option to perform a bradenhead squeeze on the intermediate string. The top of the primary tail slurry will be pumped to the top of the **Brushy Canyon**, bradenhead squeeze will be performed offline to fill the annulus to surface.

**Drilling Operation Plan**

Proposed Drilling Depth: 20008' MD / 9190' TVD

Type of well: Horizontal well, no pilot hole

Permitted Well Type: Gas

Geologic Name of Surface Formation: Quaternary Deposits

KOP Lat/Long (NAD83): 32.2961792 N / -104.1701846 W

TD Lat/Long (NAD83): 32.2925580 N / -104.1683820 W

**1. Estimated Tops**

Formation	MD (ft)	TVD (ft)	Thickness (ft)	Lithology	Resource
Rustler	127	127	173	Anhydrite	Barren
Salado (Top of Salt)	300	300	1,918	Salt	Barren
Lamar (Base of Salt)	2,220	2,218	58	Salt	Barren
Bell Canyon	2,278	2,276	739	Sandstone	Oil/Natural Gas
Cherry Canyon	3,026	3,015	1,095	Sandstone	Oil/Natural Gas
Brushy Canyon	4,135	4,110	1,520	Sandstone	Oil/Natural Gas
Bone Spring Lime	5,673	5,630	1,062	Limestone	Oil/Natural Gas
1st Bone Spring Sand	6,748	6,692	283	Sandstone	Oil/Natural Gas
2nd Bone Spring Carb	7,034	6,975	287	Carbonate	Oil/Natural Gas
2nd Bone Spring Sand	7,325	7,262	160	Sandstone	Oil/Natural Gas
3rd Bone Spring Carb	7,487	7,422	1,268	Carbonate	Oil/Natural Gas
<b>KOP</b>	<b>8,692</b>	<b>8,617</b>	-	<b>Carbonate</b>	<b>Oil/Natural Gas</b>
3rd Bone Spring Sand	8,764	8,690	349	Sandstone	Oil/Natural Gas
Wolfcamp A	9,166	9,039	322	Shale	Oil/Natural Gas
<b>TD</b>	<b>20,008</b>	<b>9,190</b>		<b>Shale</b>	<b>Oil/Natural Gas</b>
Wolfcamp B	-	9,361	-	Shale	Oil/Natural Gas

## 2. Notable Zones

Wolfcamp is the goal. All perforations will be within the setback requirements as prescribed or permitted by the New Mexico Oil Conservation Division. OSE estimated ground water depth at this location is 98'.

## 3. Pressure Control

### Equipment

A 18,000' 10,000-psi BOP stack consisting of 3 rams with 2 pipe rams, 1 blind ram, and one annular preventer will be utilized below surface casing to TD. See attachments for BOP and choke manifold diagrams.

An accumulator complying with Title 43 CFR 3172 requirements for the pressure rating of the BOP stack will be present. A rotating head will also be installed as needed.

### Testing Procedure

BOP will be inspected and operated as required in Title 43 CFR 3172. Kelly cock and sub equipped with a full opening valve sized to fit the drill pipe and collars will be available on the rig floor in the open position.

A third party company will test the BOPs.

After setting surface casing, a minimum 10M BOPE system will be installed. Test pressures will be 250 psi low and 10,000 psi high with the annular preventer being tested to 250 psi low and 5000 psi high before drilling below surface shoe. In the event that the rig drills multiple wells on the pad and any seal subject to test pressures are broken, a full BOP test will be performed when the rig returns and the 10M BOPE system is re-installed.

### Variance Request

Matador requests a variance to have the option of running a multi-bowl wellhead assembly for setting all intermediate and Production Strings. The BOPs will not be tested again unless any flanges are separated.

Matador requests a variance to drill this well using a co-flex line between the BOP and choke manifold. Certification for proposed co-flex hose is attached. The hose is not required by the manufacturer to be anchored. If the specific hose is not available, then one of equal or higher rating will be used.

Matador requests a variance to have the option of batch drilling this well with other wells on the same pad. In the event that this well is batch drilled, the wellbore will be secured with a blind flange of like pressure. When the rig returns to this well and BOPs are installed, the operator will perform a full BOP test.

Matador requests a variance to drill this well using a 5M annular preventer with a 10M BOP ram stack. The "Well Control Plan For 10M MASP Section of Wellbore" is attached.

Matador request the option to offline cement surface casing. The "Surface Offline Cement Procedure" is attached for review. No changes in cement program are necessary.

Matador request the option to offline cement intermediate casing. The "Offline Cementing - Intermediate Casing" Procedure is attached for review. No changes in cement program are necessary.

Matador request the option to break test the BOP during batch drilling operations. The "Modified BOP Testing Procedure for Batch Drilling" Procedure is attached for review.

Matador request the option to utilize a spudder rig for setting surface and intermediate strings.

**4. Casing & Cement**

All casing will be API and new. See attached casing assumption worksheet.

**Design A - Casing Table**

String	Hole Size (in)	Set MD (ft)	Set TVD (ft)	Casing Size (in)	Wt. (lb/ft)	Grade	Joint	Collapse	Burst	Tension
Surface	17.5	0 - 197	0 - 197	13.375	54.5	J-55	BUTT	1.125	1.125	1.8
Intermediate 1	9.875	0 - 8542	0 - 8467	7.625	29.7	P-110	BUTT	1.125	1.125	1.8
Production	6.75	0 - 20008	0 - 9190	5.5	20	P-110	Hunting TLW-SC	1.125	1.125	1.8

**Design B - Casing Table**

String	Hole Size (in)	Set MD (ft)	Set TVD (ft)	Casing Size (in)	Wt. (lb/ft)	Grade	Joint	Collapse	Burst	Tension
Surface	17.5	0 - 197	0 - 197	13.375	54.5	J-55	BUTT	1.125	1.125	1.8
Intermediate 1	8.75	0 - 8542	0 - 8467	7.625	29.7	P-110	MO-FXL	1.125	1.125	1.8
Production	6.75	0 - 20008	0 - 9190	5.5	20	P-110	Hunting TLW-SC	1.125	1.125	1.8

- All casing strings will be tested in accordance with Title 43 CFR 3172.7(b)(8)
- Rustler top will be validated via drilling parameters (i.e. reduction in ROP) and surface casing setting depth revised accordingly if needed
- All non-API joint connections will be of like or greater quality, and as run specification sheets will be on location for review

**Variance Request**

Matador request a variance to wave the centralizer requirement for the 7-5/8" casing and the 5-1/2" SF/Flush casing in the 6-3/4" hole.

If a DV tool is used, depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above the current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review. Option to cancel 2nd stage cement if cement is circulated on 1st stage.

Matador request a variance to utilize a surface setting rig. If this is used, Matador request the option to drill either 17.5" or 20" surface hole, cement volumes will be adjusted accordingly.

## Drill Plan

**Design A Primary Cement Design - DV/Packer 2-Stage Cement**

String	Type	Sacks	Yield	Cu. Ft.	Weight	Percent Excess	Top of Cement (ft)	Class	Blend
Surface	Lead	0	1.72	0	13.5	0%	0	C	5% NaCl + LCM
	Tail	170	1.38	240	14.8	50%	0	C	5% NaCl + LCM
Intermediate 1 w/ DV @ 2328'	Stg 2 Tail	340	1.78	612	13.5	10%	0	C	5% NaCl + LCM
	Stg 1 Lead	1350	1.84	2485	12.5	50%	0	C	5% NaCl + LCM
	Stg 1 Tail	260	1.33	343	14.8	50%	7542	C	5% NaCl + LCM
Production	Lead	10	3.66	19	12.5	25%	8142	A/C	Bentonite + 1% CaCl <sub>2</sub> + 8% NaCl + LCM
	Tail	900	1.35	1216	13.2	25%	8342	A/C	Fluid Loss + Dispersant + Retarder

**Design A Optional Contingency Cement Design - Bradenhead Squeeze**

String	Type	Sacks	Yield	Cu. Ft.	Weight	Percent Excess	Top of Cement	Class	Blend
Surface	Lead	0	1.72	-3	13.5	50%	0	C	5% NaCl + LCM
	Tail	170	1.38	240	14.8	50%	0	C	5% NaCl + LCM
Intermediate 1 w/ Bradenhead Squeeze @ 4135'	Stg 2 Tail	580	1.78	1039	13.5	10%	0	C	5% NaCl + LCM
	Stg 1 Tail	1080	1.33	1441	14.8	50%	4135	C	5% NaCl + LCM
Production	Lead	10	3.66	19	12.5	25%	8142	A/C	Bentonite + 1% CaCl <sub>2</sub> + 8% NaCl + LCM
	Tail	900	1.35	1216	13.2	25%	8342	A/C	Fluid Loss + Dispersant + Retarder

**Design B Primary Cement Design - DV/Packer 2-Stage Cement**

String	Type	Sacks	Yield	Cu. Ft.	Weight	Percent Excess	Top of Cement	Class	Blend
Surface	Lead	0	1.72	0	13.5	50%	0	C	5% NaCl + LCM
	Tail	170	1.38	240	14.8	50%	0	C	5% NaCl + LCM
Intermediate 1 w/ DV @ 2328'	Stg 2 Tail	190	1.78	344	13.5	10%	0	A/C	5% NaCl + LCM
	Stg 1 Lead	690	1.84	1270	12.5	50%	0	A/C	Bentonite + 1% CaCl <sub>2</sub> + 8% NaCl + LCM
	Stg 1 Tail	210	1.33	277	14.8	50%	7542	A/C	5% NaCl + LCM
Production	Lead	10	3.66	23	12.5	25%	8142	A/C	Fluid Loss + Dispersant + Retarder + LCM
	Tail	920	1.35	1241	13.2	25%	8342	A/C	Fluid Loss + Dispersant + Retarder + LCM

**Drill Plan****Design B Optional Contingency Cement Design - Bradenhead Squeeze**

String	Type	Sacks	Yield	Cu. Ft.	Weight	Percent Excess	Top of Cement	Class	Blend
Surface	Lead	0	1.72	0	13.5	50%	0	C	5% NaCl + LCM
	Tail	170	1.38	240	14.8	50%	0	C	5% NaCl + LCM
Intermediate 1 w/ Bradenhead Squeeze @ 4135'	Stg 2 Tail	310	1.78	544	13.5	10%	0	A/C	5% NaCl + LCM
	Stg 1 Tail	510	1.33	681	14.8	50%	4135	A/C	5% NaCl + LCM
Production	Lead	10	3.66	23	12.5	25%	8142	A/C	Bentonite + 1% CaCL <sub>2</sub> + 8% NaCl + LCM
	Tail	920	1.35	1241	13.2	25%	8342	A/C	Fluid Loss + Dispersant + Retarder

**5. Mud Program**

An electronic Pason mud monitoring system complying with Title 43 CFR 3172 will be used. All necessary mud products (barite, bentonite, LCM) for weight addition and fluid loss control will be on location at all times. Mud program is subject to change due to hole conditions.

Hole Section	Hole Size	Mud Type	Interval MD (ft)	Density	Viscosity	Fluid Loss
Surface	17.5	Spud Mud	0 - 197	8.4 - 8.8	28-30	NC
Intermediate 1	9.875	Diesel Brine	197 - 8542	8.7 - 9.4	28-30	NC
Production	6.75	OBM/Cut Brine	8542 - 20008	11.5 - 12.5	50-65	<20

**6. Cores, Test, & Logs**

No core or drill stem test is planned.

No electric logs are planned at this time. GR will be collected through the MWD tools from Intermediate casing to TD. CBL with CCL will be run as far as gravity will let it fall to top of curve. We will be running a Neutron log on one of the wells on each pad.

**7. Down Hole Conditions**

No abnormal pressure or temperature is expected. Bottom hole pressure is 5974 psi. Maximum anticipated surface pressure is 3952 psi. Expected bottom hole temperature is 156 F.

In accordance with Title 43 CFR 3176, Matador does not anticipate that there will be enough H<sub>2</sub>S from the surface to the Bone Spring formations to meet the BLM's minimum requirements for the submission of an "H<sub>2</sub>S Drilling Operation Plan" or "Public Protection Plan" for the drilling and completion of this well. Since we have an H<sub>2</sub>S safety package on all wells, attached is an "H<sub>2</sub>S Drilling Operations Plan". Adequate flare lines will be installed off the mud/gas separator where gas may be flared safely. All personnel will be familiar with all aspects of safe operation of equipment being used.

### Casing Table Specification Sheet

**Colonel R Howard Fed Com 200H**  
**SHL: 1265' FNL & 986' FEL Section 22**  
**BHL: 1978' FNL & 340' FWL Section 23**  
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 570871

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 570871
	Action Type: [C-103A] NOI Change of Plans (C-103A)

**CONDITIONS**

Created By	Condition	Condition Date
ward.rikala	Cement is required to circulate on both surface and intermediate1 strings of casing.	4/15/2026
ward.rikala	Post Bradenhead cement squeeze, a CBL will be required. If zonal isolation was not achieved per OCD requirements, then remedial work will be required before operations can continue.	4/15/2026
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	4/15/2026