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

Sundry Print Report

12/22/2025

Well Name: GUSS FED COM 0731

Well Location: T26S / R36E / SEC 7 / SWSE / 32.0517189 / -103.3007343

County or Parish/State: LEA / NM

Well Number: 213H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM140366

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002555291

Operator: MATADOR PRODUCTION COMPANY

Notice of Intent

Sundry ID: 2887993

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 12/20/2025

Time Sundry Submitted: 09:16

Date proposed operation will begin: 12/20/2025

Procedure Description: BLM Bond# NMB001079; Surety Bond# RLB0015172 Matador requests to skid over to spud the well using a new surface hole location, as reflected in this sundry, due to surface casing collapse at the original location. As reflected in the attached, the completed lateral and bottom hole location for the well remains the same. We understand the NMOCD will then assign the replacement well under this sundry a new API number, leaving the original location with its same API number. The original well will be named GUSS FED COM 0731 213Y (API 30-025-55291). The well we will skid to spud will be named GUSS FED COM 0731 213H and will be assigned a new API # from NMOCD. Please see the attached supporting documents. P&A sundry has already been submitted (Sundry ID 2887407).

NOI Attachments

Procedure Description

3160_003_Skid_Sundry_signed_20251220091430.pdf

LO_GUSS_FED_COM__0731_213H_REV1_S_complete_and_signed_20251220081423.pdf

Guss_0731_Fed_Com_213H___Directional_Wall_Plot_New_SHL_20251220081423.pdf

Guss_0731_Fed_Com_213H___Directional_AC_New_SHL_20251220081423.pdf

Guss_Fed_Com_0731_213H_Drill_Plan_Design_B__4_string__Skid_Sundry_20251220081423.pdf

Guss_0731_Fed_Com_213H___Directional_Well_Plan_New_SHL_20251220081423.pdf

Well Name: GUSS FED COM 0731

Well Location: T26S / R36E / SEC 7 / SWSE / 32.0517189 / -103.3007343

County or Parish/State: LEA / NM

Well Number: 213H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM140366

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002555291

Operator: MATADOR PRODUCTION COMPANY

Conditions of Approval

Additional

GUSS_FED_COM_0731_213H_Sundry_2887993_COA_20251222112715.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: DEC 20, 2025 07:56 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: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: CWALLS@BLM.GOV

Disposition: Approved

Disposition Date: 12/22/2025

Signature: Chris Walls

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.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ 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 perfonned 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 detennined 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 OFICE 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 ofthis form to U.S. Department ofthe Interior, Bureau ofLand 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: SWSE / 430 FSL / 1581 FEL / TWSP: 26S / RANGE: 36E / SECTION: 7 / LAT: 32.0517189 / LONG: -103.3007343 (TVD: 0 feet, MD: 0 feet)

PPP: NWNE / 100 FNL / 2307 FEL / TWSP: 26S / RANGE: 36E / SECTION: 18 / LAT: 32.0502579 / LONG: -103.3030766 (TVD: 12069 feet, MD: 12114 feet)

PPP: NWNE / 0 FSL / 2306 FEL / TWSP: 26S / RANGE: 36E / SECTION: 30 / LAT: 32.0214801 / LONG: -103.303028 (TVD: 12380 feet, MD: 22703 feet)

PPP: SWNE / 2639 FNL / 2307 FEL / TWSP: 26S / RANGE: 36E / SECTION: 30 / LAT: 32.0142263 / LONG: -103.3030157 (TVD: 12380 feet, MD: 25341 feet)

PPP: NWNE / 1100 FSL / 2307 FEL / TWSP: 26S / RANGE: 36E / SECTION: 31 / LAT: 32.0033333 / LONG: -103.3029973 (TVD: 12380 feet, MD: 29304 feet)

PPP: SWSE / 0 FNL / 2307 FEL / TWSP: 26S / RANGE: 36E / SECTION: 18 / LAT: 32.0360174 / LONG: -103.3030526 (TVD: 12380 feet, MD: 17413 feet)

BHL: LOT 4 / 110 FSL / 2307 FEL / TWSP: 26S / RANGE: 36E / SECTION: 31 / LAT: 32.0006115 / LONG: -103.3029926 (TVD: 12380 feet, MD: 30294 feet)

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	MATADOR PRODUCTION COMPANY
WELL NAME & NO.:	GUSS FED COM 0731 213H
APD ID:	25SA10208
LOCATION:	Section 7, T.26 S., R.36 E. NMP.
COUNTY:	Lea County, New Mexico

Changes approved through engineering via Sundry 2887993 on 12/22/2025. The P&A sundry# 2887407 was approved for the original well: GUSS FED COM 0731 213Y *(APD ID: 10400104050).*

COA

H_2S	○ No		◉ Yes	
Potash / WIPP	◉ None	○ Secretary	○ R-111-Q	☐ Open Annulus ☐ WIPP
Cave / Karst	◉ Low	○ Medium	○ High	○ Critical
Wellhead	○ Conventional	◉ Multibowl	○ Both	○ Diverter
Cementing	☐ Primary Squeeze	☐ Cont. Squeeze	☐ EchoMeter	☑ DV Tool
Special Req	☑ Capitan Reef	☐ Water Disposal	☑ COM	☐ Unit
Waste Prev.	○ Self-Certification	◉ Waste Min. Plan	○ APD Submitted prior to 06/10/2024	
Additional Language	☑ Flex Hose ☐ Four-String	☐ Casing Clearance ☑ Offline Cementing	☐ Pilot Hole ☑ Fluid-Filled	☑ Break Testing

A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H_2S) Drilling Plan shall be activated **AT SPUD**. As a result, the Hydrogen Sulfide area must meet **43 CFR 3176** requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

B. CASING DESIGN

1. The **13-3/8** inch surface casing shall be set at approximately **1,346 ft.** (a minimum of **70 ft.** 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 psi compressive strength, whichever is greater.
d. If cement falls back, remedial cementing will be done prior to drilling out that string.

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

Note: The 1st intermediate casing set depth was adjusted per BLM geologist's recommendation. *"The operator proposes to set first intermediate 5,226' in the Bell Canyon formation. BLM suggests to set the first intermediate casing at a depth of 5000' in the Lamar formation. BLM accepts this depth and rock type."*

2. The **10-3/4 inch** 1st intermediate casing shall be set in a competent bed at approximately **5,000 ft.** The minimum required fill of cement behind the **10-3/4** 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 **Capitan Reef**.

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 **Capitan Reef**.

Note: Excess cement for 2nd stage is below the BLM recommendation of 25%, more cement might be needed.

Note: The 1st intermediate casing must be kept fluid-filled to meet BLM's minimum collapse design SF requirements.

❖ In Capitan Reef Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.

- ❖ **Special Capitan Reef Requirement:** Ensure freshwater based mud is used across the Capitan interval.

3. The **7-5/8 inch,** 2nd intermediate casing shall be set at approximately **11,679 ft.** (11,657 ft. TVD) The minimum required fill of cement behind the **7-5/8** inch intermediate casing is:

Option 1 (Single Stage): Cement should tie-back at least **50 feet** above the Capitan Reef top **or 200 feet** into the previous casing, whichever is greater. 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**. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to Capitan reef.

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

a. First stage to DV tool(s): Cement to circulate. If cement does not circulate off the DV tool(s), contact the appropriate BLM office before proceeding with second stage cement job.

b. Second stage above DV tool(s): Cement should tie-back at least **50 feet** above the Capitan Reef top **or 200 feet** into the previous casing, whichever is greater. 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**. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to Capitan reef.

4. Operator has proposed to set **5-1/2 inch** production casing at approximately **30,337 ft.** (12,380 ft. TVD). The minimum required fill of cement behind the **5-1/2 in.** 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 **Lea County: 575-689-5981**.

C. PRESSURE CONTROL

1. Variance approved to use **flex line** from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).

2. Operator has proposed a **multi-bowl wellhead** assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **10,000 (10M)** psi. **Variance is approved to use a 5M annular preventer with 10M BOP/BOPE.** Annular preventer shall be tested to 5,000 psi. The BOP/BOPE shall be pressure-tested in accordance with **title 43 CFR 3172.**

    a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    b. 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.
    c. Manufacturer representative shall install the test plug for the initial BOP test.
    d. 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.
    e. Whenever any seal subject to test pressure is broken, all the tests in the **title 43 CFR 3172.6(b)(9)** must be followed.

BOPE Break Testing Variance

- Break testing has been approved for this well ONLY on those intervals utilizing a 5M BOPE or less. **(Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP)**
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation.
- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer **(575-706-2779)** prior to the commencement of any BOPE Break Testing operations.
- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted (575-689-5981 Lea County) 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at 21-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per title 43 CFR 3172.
- If in the event break testing is not utilized, then a full BOPE test would be conducted.

D. SPECIAL REQUIREMENT (S)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.

- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.

- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

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 Lea County Petroleum Engineering Inspection Staff:
Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575) 689-5981.

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 2nd 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 2nd 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 12/22/2025

Form 3160-3
(October 2024)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.

6. If Indian, Allotee or Tribe Name

1a. Type of work: ☐ DRILL ☐ REENTER

1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Other

1c. Type of Completion: ☐ Hydraulic Fracturing ☐ Single Zone ☐ Multiple Zone

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.

2. Name of Operator

9. API Well No.

3a. Address	3b. Phone No. *(include area code)*	10. Field and Pool, or Exploratory

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface

At proposed prod. zone

11. Sec., T. R. M. or Blk. and Survey or Area

14. Distance in miles and direction from nearest town or post office*	12. County or Parish	13. State

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No of acres in lease	17. Spacing Unit dedicated to this well

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. in file

21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will start*	23. Estimated duration

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be requested by the BLM.

25. Signature	Name *(Printed/Typed)*	Date

Title

Approved by *(Signature)*	Name *(Printed/Typed)*	Date

Title	Office

Application approval 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.
Conditions of approval, if any, are attached.

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.

(Continued on page 2)

*(Instructions on page 2)

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws 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, either are shown below or will be issued by, or may be obtained from local Federal offices. As of May 13, 2017, and pursuant to 43 CFR § 3171.5, operators must file this form and associated documents using the Bureau of Land Management's electronic commerce application, the Automated Fluid Minerals Support System (AFMSS). *https://afmss.blm.gov/afmss-gateway-ui/*

ITEM I: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the wen, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been direction any drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NOTICES

The Privacy Act of 1974 and 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., 25 U.S.C. 396; 43 CFR 3160
PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service wen or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.
ROUTINE USE: Information from the record and/or the record win be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.
EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM conects this information to anow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. 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 Conection Clearance Officer (WO-630), 1849 C Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024 Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-025-55693	98234	WC-025 G-09 S263619C;WOLFCAMP

Property Code	Property Name	Well Number
337751	GUSS FED COM 0731	213H

OGRID No.	Operator Name	Ground Level Elevation
228937	MATADOR PRODUCTION COMPANY	2977'

Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal
Mineral Owner: ☒ State ☒ Fee ☐ Tribal ☒ Federal

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
O	7	26-S	36-E	-	430' S	1566' E	N 32.0517191	W 103.3006858	LEA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
4	31	26-S	36-E	-	110' S	2307' E	N 32.0006115	W 103.3029926	LEA

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidated Code
553.45	Defining	N/A	N	C

Order Numbers N/A
Well Setbacks are under Common Ownership: ☒ Yes ☐ No

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
O	7	26-S	36-E	-	400' S	2307' E	N 32.0516322	W 103.3030788	LEA

First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
B	18	26-S	36-E	-	100' N	2307' E	N 32.0502579	W 103.3030766	LEA

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
4	31	26-S	36-E	-	110' S	2307' E	N 32.0006115	W 103.3029926	LEA

Unitized Area or Area of Uniform Intrest	Spacing Unity Type	Ground Floor Elevation
W2E2 of Sec. 18 & 19 & 30 & 31, 26S - 36E	☒ Horizontal ☐ Vertical	3005'

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief; and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Nicky Fitzgerald 12/20/2025
Signature Date
Nicky Fitzgerald
Print Name
nicky.fitzgerald@matadorresources.com
E-mail Address

SURVEYORS CERTIFICATION

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 and correct to the best of my belief.

12/18/25
Signature and Seal of Professional Surveyor Date

ANGEL M. BALEZA NEW MEXICO 25116 12/18/25 PROFESSIONAL SURVEYOR

Certificate Number	Date of Survey
25116	12/16/2024

S:\SURVEY\MATADOR_RESOURCES\GUSS_0731_07-26S-36E\FINAL_PRODUCTS\LO_GUSS_FED_COM_0731_213H_REV1.dwg JSTOVALL 12/19/2025 5:00 PM

C-102

Submit Electronically
Via OCD Permitting

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

Revised July 9, 2024

Submittal Type:
- ☐ Initial Submittal
- ☒ Amended Report
- ☐ As Drilled

Property Name and Well Number

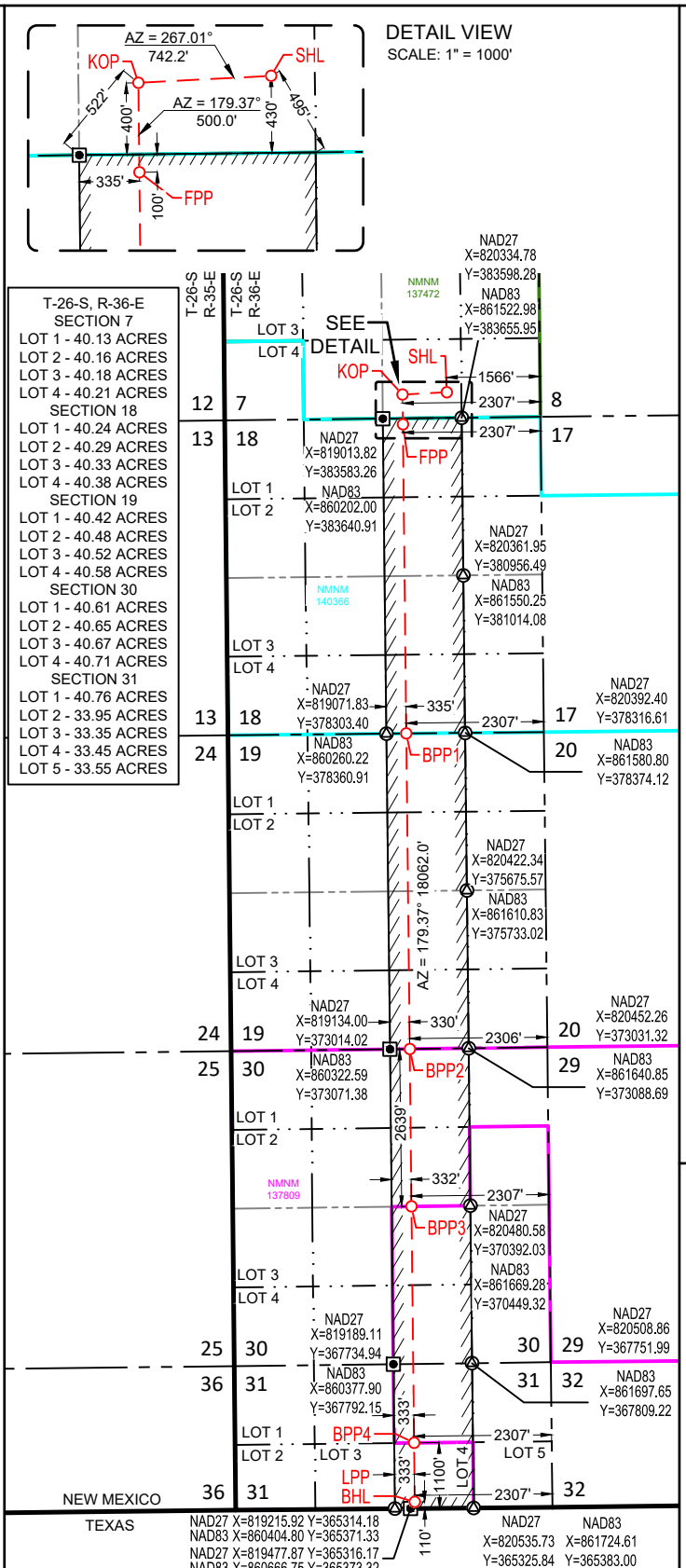
GUSS FED COM 0731 213H

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=861274 Y=384083
LAT.: N 32.0517191
LONG.: W 103.3006858
NAD 1927
X=820086 Y=384026
LAT.: N 32.0515920
LONG.: W 103.3002272
430' FSL 1566' FEL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=860533 Y=384045
LAT.: N 32.0516322
LONG.: W 103.3030788
NAD 1927
X=819344 Y=383987
LAT.: N 32.0515049
LONG.: W 103.3026202
400' FSL 2307' FEL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=860538 Y=383545
LAT.: N 32.0502579
LONG.: W 103.3030766
NAD 1927
X=819350 Y=383487
LAT.: N 32.0501305
LONG.: W 103.3026181
100' FNL 2307' FEL

BLM PERF. POINT (BPP1)
NEW MEXICO EAST
NAD 1983
X=860595 Y=378364
LAT.: N 32.0360174
LONG.: W 103.3030526
NAD 1927
X=819407 Y=378307
LAT.: N 32.0358899
LONG.: W 103.3025947
0' FNL 2307' FEL



BLM PERF. POINT (BPP2)
NEW MEXICO EAST
NAD 1983
X=860653 Y=373076
LAT.: N 32.0214801
LONG.: W 103.3030280
NAD 1927
X=819464 Y=373018
LAT.: N 32.0213525
LONG.: W 103.3025709
0' FSL 2306' FEL

BLM PERF. POINT (BPP3)
NEW MEXICO EAST
NAD 1983
X=860682 Y=370437
LAT.: N 32.0142263
LONG.: W 103.3030157
NAD 1927
X=819493 Y=370380
LAT.: N 32.0140987
LONG.: W 103.3025590
2639' FNL 2307' FEL

BLM PERF. POINT (BPP4)
NEW MEXICO EAST
NAD 1983
X=860725 Y=366474
LAT.: N 32.0033333
LONG.: W 103.3029973
NAD 1927
X=819537 Y=366417
LAT.: N 32.0032057
LONG.: W 103.3025410
1100' FSL 2307' FEL

LAST PERF. POINT (LPP) BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=860736 Y=365484
LAT.: N 32.0006115
LONG.: W 103.3029926
NAD 1927
X=819547 Y=365427
LAT.: N 32.0004839
LONG.: W 103.3025365
110' FSL 2307' FEL

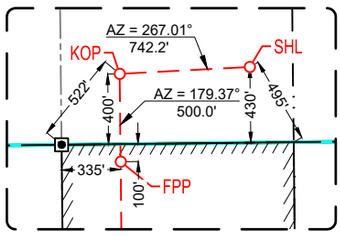
SURVEYORS CERTIFICATION

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 and correct to the best of my belief.

12/16/2024
Date of Survey

Signature and Seal of Professional Surveyor:

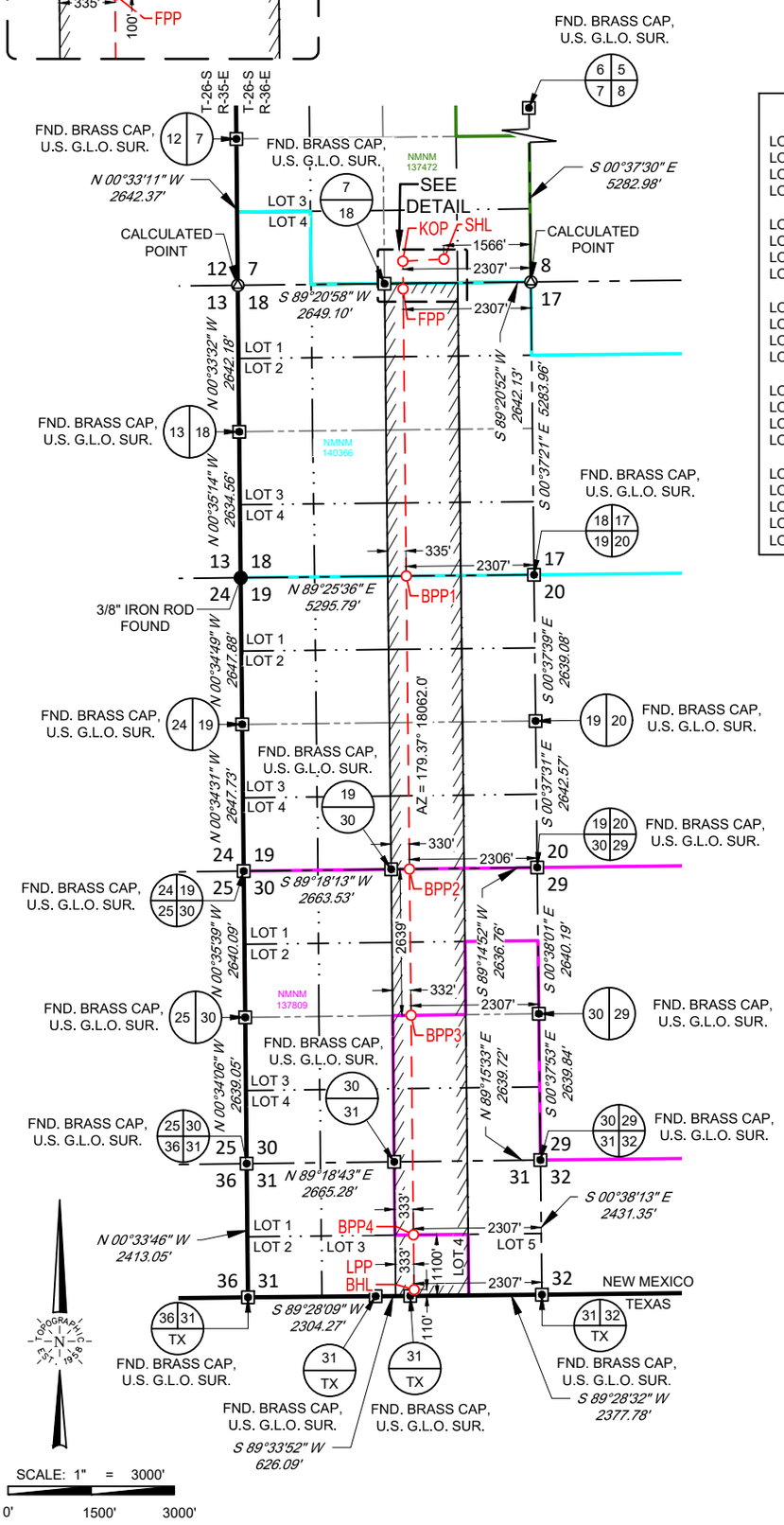
S:\SURVEY\MATADOR_RESOURCES\GUSS\0731_07-26S-36E\FINAL_PRODUCTS\0_GUSS_FED_COM_0731_213H_REV1.dwg JSTOVALL 12/18/2025 5:00 PM



DETAIL VIEW
SCALE: 1" = 1000'

Matador PRODUCTION COMPANY

SECTION 7, TOWNSHIP 26-S, RANGE 36-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



SCALE: 1" = 3000'
0' 1500' 3000'

T-26-S, R-36-E
SECTION 7
LOT 1 - 40.13 ACRES
LOT 2 - 40.16 ACRES
LOT 3 - 40.18 ACRES
LOT 4 - 40.21 ACRES
SECTION 18
LOT 1 - 40.24 ACRES
LOT 2 - 40.29 ACRES
LOT 3 - 40.33 ACRES
LOT 4 - 40.38 ACRES
SECTION 19
LOT 1 - 40.42 ACRES
LOT 2 - 40.48 ACRES
LOT 3 - 40.52 ACRES
LOT 4 - 40.58 ACRES
SECTION 30
LOT 1 - 40.61 ACRES
LOT 2 - 40.65 ACRES
LOT 3 - 40.67 ACRES
LOT 4 - 40.71 ACRES
SECTION 31
LOT 1 - 40.76 ACRES
LOT 2 - 33.95 ACRES
LOT 3 - 33.35 ACRES
LOT 4 - 33.45 ACRES
LOT 5 - 33.55 ACRES

SURFACE LOCATION (SHL)
NEW MEXICO EAST
NAD 1983
X=861274 Y=384083
LAT.: N 32.0517191
LONG.: W 103.3006858
430' FSL 1566' FEL

KICK OFF POINT (KOP)
NEW MEXICO EAST
NAD 1983
X=860533 Y=384045
LAT.: N 32.0516322
LONG.: W 103.3030788
400' FSL 2307' FEL

FIRST PERF. POINT (FPP)
NEW MEXICO EAST
NAD 1983
X=860538 Y=383545
LAT.: N 32.0502579
LONG.: W 103.3030766
100' FNL 2307' FEL

BLM PERF. POINT (BPP1)
NEW MEXICO EAST
NAD 1983
X=860595 Y=378364
LAT.: N 32.0360174
LONG.: W 103.3030526
0' FNL 2307' FEL

BLM PERF. POINT (BPP2)
NEW MEXICO EAST
NAD 1983
X=860653 Y=373076
LAT.: N 32.0214801
LONG.: W 103.3030280
0' FSL 2306' FEL

BLM PERF. POINT (BPP3)
NEW MEXICO EAST
NAD 1983
X=860682 Y=370437
LAT.: N 32.0142263
LONG.: W 103.3030157
2639' FNL 2307' FEL

BLM PERF. POINT (BPP4)
NEW MEXICO EAST
NAD 1983
X=860725 Y=366474
LAT.: N 32.0033333
LONG.: W 103.3029973
1100' FSL 2307' FEL

LAST PERF. POINT (LPP)
BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=860736 Y=365484
LAT.: N 32.0006115
LONG.: W 103.3029926
110' FSL 2307' FEL

LEASE NAME & WELL NO.: GUSS FED COM 0731 213H

SECTION 7 TWP 26-S RGE 36-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 430' FSL & 1566' FEL

DISTANCE & DIRECTION

FROM INT. OF NM-18 & E NEVADA AVE, GO WEST ON E NEVADA AVE ±0.4 MILES, THENCE SOUTH (LEFT) ON NM-205 ±3.4 MILES, THENCE CONTINUE SOUTHWEST ON FRYING PAN RD. ±1.5 MILES, THENCE WEST (RIGHT) ON ANTHONY RD. ±2.0 MILES, THENCE SOUTHWEST (LEFT) ON A LEASE RD. ±0.3 MILES, THENCE NORTHWEST (RIGHT) ON ANTHONY RD/J-3 ±1.2 MILES, THENCE SOUTH (LEFT) ON A LEASE RD. ±0.7 MILES, THENCE WEST (RIGHT) ON A PROPOSED RD. ±5494 FEET TO A POINT ±531 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

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
481 WINSCOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

S:\SURVEY\MATADOR_RESOURCES\GUSS_0731_07-26S-36E\FINAL_PRODUCTS\LO_GUSS_FED_COM_0731_213H_REV1.DWG 12/18/2025 5:00:25 PM mike.waller

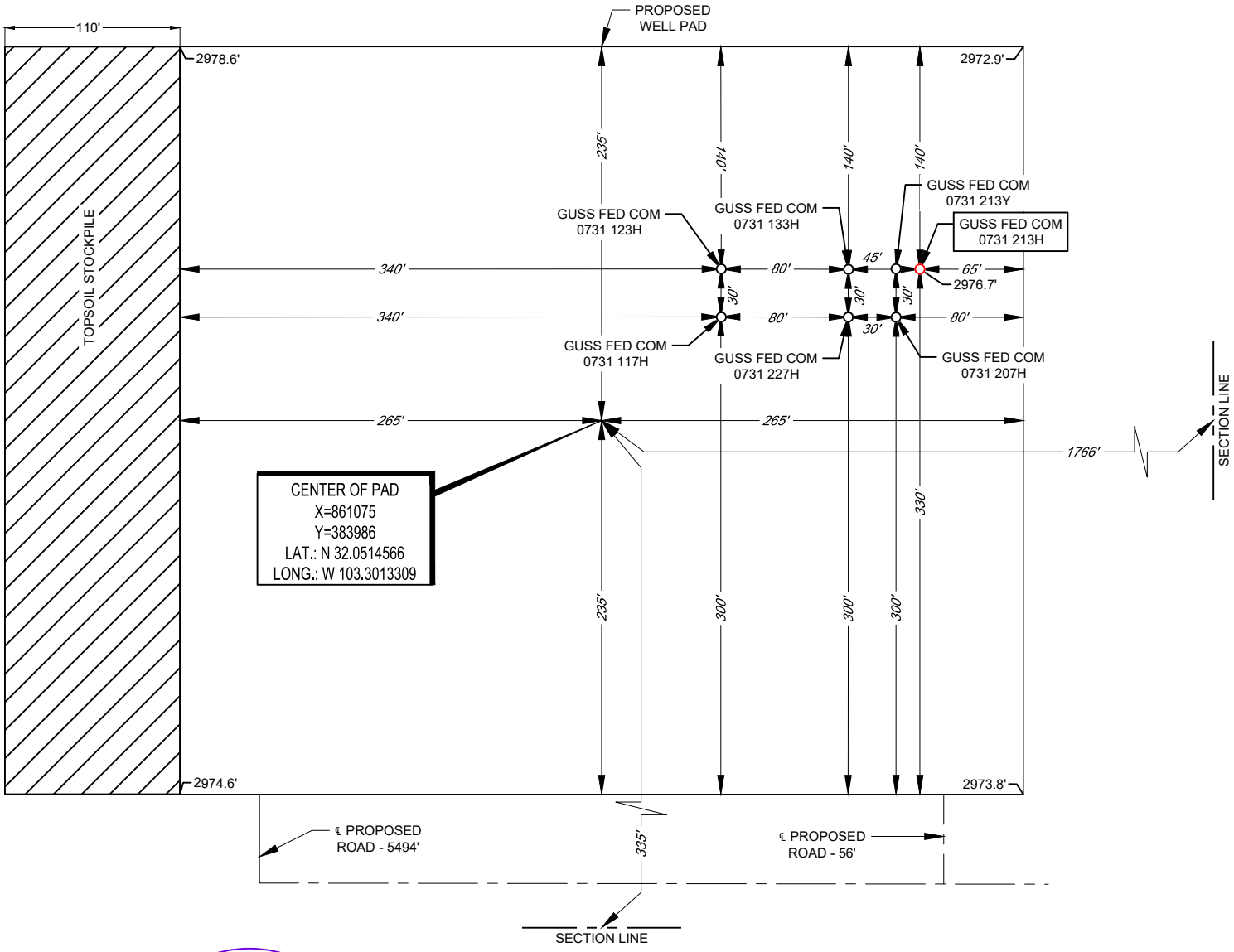
LEGEND

SECTION LINE

PROPOSED ROAD

Matador PRODUCTION COMPANY

SECTION 7, TOWNSHIP 26-S, RANGE 36-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: GUSS FED COM 0731 213H

213H LATITUDE N 32.0517191 213H LONGITUDE W 103.3006858

CENTER OF PAD IS 335' FSL & 1766' FEL

ANGEL M. BAEZA NEW MEXICO 25116 12/18/25 PROFESSIONAL SURVEYOR

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

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. ELEVATIONS USED ARE NAVD88, OBTAINED THROUGH AN OPUS SOLUTION.

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.

ORIGINAL DOCUMENT SIZE: 8.5" X 11"

SCALE: 1" = 100'

0' 50' 100'

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY
481 WINSCOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

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:** 3/11/2025

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	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
GUSS FED COM 0731 #115H	TBD	4-7-26-S-36-E	401' FSL & 1,250' FWL	1,149	1,457	2,125
GUSS FED COM 0731 #116H	TBD	N-7-26-S-36-E	400' FSL & 2,000' FWL	1,149	1,457	2,125
GUSS FED COM 0731 #117H	TBD	O-7-26-S-36-E	400' FSL & 1,691' FEL	1,149	1,457	2,125
GUSS FED COM 0731 #118H	TBD	P-7-26-S-36-E	400' FSL & 861' FEL	1,149	1,457	2,125
GUSS FED COM 0731 #121H	TBD	4-7-26-S-36-E	431' FSL & 1250' FWL	1,149	1,457	2,125
GUSS FED COM 0731 #122H	TBD	N-7-26-S-36-E	429' FSL & 2,000' FWL	1,149	1,457	2,125
GUSS FED COM 0731 #123H	TBD	O-7-26-S-36-E	430' FSL & 1,691' FEL	1,149	1,457	2,125
GUSS FED COM 0731 #124H	TBD	P-7-26-S-36-E	430' FSL & 861' FEL	1,149	1,457	2,125
GUSS FED COM 0731 #131H	TBD	N-7-26-S-36-E	400' FSL & 1,330 FWL	914	1,391	1,543
GUSS FED COM 0731 #132H	TBD	N-7-26-S-36-E	430' FSL & 2,080 FWL	914	1,391	1,543
GUSS FED COM 0731 #133H	TBD	O-7-26-S-36-E	430' FSL & 1,611' FEL	914	1,391	1,543
GUSS FED COM 0731 #134H	TBD	P-7-26-S-36-E	400' FSL & 831' FEL	791	1,754	2,284
GUSS FED COM 0731 #205H	TBD	N-7-26-S-36-E	430' FSL & 1,360 FWL	1,399	4,330	3,123
GUSS FED COM 0731 #206H	TBD	N-7-26-S-36-E	400' FSL & 2,110 FWL	1,399	4,330	3,123
GUSS FED COM 0731 #207H	TBD	O-7-26-S-36-E	400' FSL & 1,581' FEL	1,399	4,330	3,123
GUSS FED COM 0731 #211H	TBD	N-7-26-S-36-E	430' FSL &	1,399	4,330	3,123

			1,330 FWL			
GUSS FED COM 0731 #212H	TBD	N-7-26-S-36-E	430' FSL & 2,110 FWL	1,399	4,330	3,123
GUSS FED COM 0731 #213H	TBD	O-7-26-S-36-E	430' FSL & 1,581 FEL	1,399	4,330	3,123
GUSS FED COM 0731 #225H	TBD	N-7-26-S-36-E	400' FSL & 1,360 FWL	1,399	4,330	3,123
GUSS FED COM 0731 #227H	TBD	O-7-26-S-36-E	400' FSL & 1,611 FEL	1,399	4,330	3,123
GUSS FED COM 0731 #228H	TBD	P-7-26-S-36-E	430' FSL & 831' FEL	1,399	4,330	3,123

IV. Central Delivery Point Name: Guss 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
GUSS FED COM 0731 #115H	TBD	12/04/2027	01/05/2028	04/16/2028	07/23/2028	07/23/2028
GUSS FED COM 0731 #116H	TBD	12/18/2027	1/12/2028	5/18/2028	9/04/2028	9/04/2028
GUSS FED COM 0731 #117H	TBD	1/02/2028	1/27/2028	5/10/2028	7/09/2028	7/09/2028
GUSS FED COM 0731 #118H	TBD	1/06/2028	1/30/2028	4/16/2028	7/25/2028	7/25/2028
GUSS FED COM 0731 #121H	TBD	01/12/2028	02/13/2028	05/18/2028	09/08/2028	09/08/2028
GUSS FED COM 0731 #122H	TBD	01/27/2028	02/28/2028	05/10/2028	07/07/2028	07/07/2028
GUSS FED COM 0731 #123H	TBD	01/30/2028	03/03/2028	04/16/2028	07/29/2028	07/29/2028
GUSS FED COM 0731 #124H	TBD	2/02/2028	2/26/2028	04/30/2028	07/03/2028	07/03/2028
GUSS FED COM 0731 #131H	TBD	1/06/2026	1/30/2026	4/16/2026	7/25/2026	7/25/2026
GUSS FED COM 0731 #132H	TBD	1/02/2026	1/27/2026	5/10/2026	7/09/2026	7/09/2026
GUSS FED COM 0731 #133H	TBD	12/18/2025	1/12/2026	5/18/2026	9/04/2026	9/04/2026
GUSS FED COM 0731 #134H	TBD	2/02/2026	2/26/2026	04/30/2026	07/03/2026	07/03/2026
GUSS FED COM 0731 #205H	TBD	12/04/2025	01/05/2026	04/16/2026	07/23/2026	07/23/2026
GUSS FED COM 0731 #206H	TBD	01/27/2026	02/28/2026	05/10/2026	07/07/2026	07/07/2026
GUSS FED COM 0731 #207H	TBD	01/12/2026	02/13/2026	05/18/2026	09/08/2026	09/08/2026
GUSS FED COM 0731 #211H	TBD	01/30/2026	03/03/2026	04/16/2026	07/29/2026	07/29/2026
GUSS FED COM 0731 #212H	TBD	02/28/2026	04/01/2026	05/10/2026	07/11/2026	07/11/2026
GUSS FED COM 0731 #213H	TBD	02/13/2026	03/17/2026	05/18/2026	09/06/2026	09/06/2026
GUSS FED COM 0731 #225H	TBD	03/04/2026	04/06/2026	04/16/2026	07/27/2026	07/27/2026
GUSS FED COM 0731 #227H	TBD	03/18/2026	04/20/2026	05/18/2026	09/10/2026	09/10/2026
GUSS FED COM 0731 #228H	TBD	02/27/2026	04/01/2026	04/30/2026	07/05/2026	07/05/2026

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: Adrian Salinas
Title: Facilities Engineer
E-mail Address: adrian.salinas@matadorresources.com
Date: 3/11/2025
Phone: 832-314-0336
OIL CONSERVATION DIVISION **(Only applicable when submitted as a standalone form)**
Approved By:
Title:
Approval Date:
Conditions of Approval:

Addendum to Natural Gas Management Plan for Matador's

GUSS FED COM 0731 #115H, #116H, 117H, 118H, 121H, 122H, 123H, 124H, 131H, 132H, 133H, 134H, 205H, 206H, 207H, 211H, 212H, 213H, 225H, 227H, 228H

VI. Separation Equipment

Flow from the wells will be routed via a flowline to a 72"x15' three phase separator dedicated to the well. The first stage separators are 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 first stage separator to sales. Hydrocarbon liquids are dumped from the first stage separator to one or more heater treaters. From the heater treaters, hydrocarbon liquid will be routed to oil storage tanks. Water is dumped from the first stage 3-phase separators and heater treaters to water storage tanks. The flash gas from the heater treater(s) and tanks will be captured by Vapor Recovery Units (VRUs) and routed to sales or to a compressor if the sales line pressure is higher than the VRU's maximum discharge pressure (~150 psi). Therefore, Matador has sized and staged 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
GUSS FED COM 0731 #115H	1,149	1,457	2,125
GUSS FED COM 0731 #116H	1,149	1,457	2,125
GUSS FED COM 0731 #117H	1,149	1,457	2,125
GUSS FED COM 0731 #118H	1,149	1,457	2,125
GUSS FED COM 0731 #121H	1,149	1,457	2,125
GUSS FED COM 0731 #122H	1,149	1,457	2,125
GUSS FED COM 0731 #123H	1,149	1,457	2,125
GUSS FED COM 0731 #124H	1,149	1,457	2,125
GUSS FED COM 0731 #131H	914	1,391	1,543
GUSS FED COM 0731 #132H	914	1,391	1,543
GUSS FED COM 0731 #133H	914	1,391	1,543
GUSS FED COM 0731 #134H	791	1,754	2,284
GUSS FED COM 0731 #205H	1,399	4,330	3,123
GUSS FED COM 0731 #206H	1,399	4,330	3,123
GUSS FED COM 0731 #207H	1,399	4,330	3,123
GUSS FED COM 0731 #211H	1,399	4,330	3,123
GUSS FED COM 0731 #212H	1,399	4,330	3,123
GUSS FED COM 0731 #213H	1,399	4,330	3,123
GUSS FED COM 0731 #225H	1,399	4,330	3,123
GUSS FED COM 0731 #227H	1,399	4,330	3,123
GUSS FED COM 0731 #228H	1,399	4,330	3,123

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 drilling, Matador will have a properly sized flare stack at least 100 feet from the nearest surface hole. 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

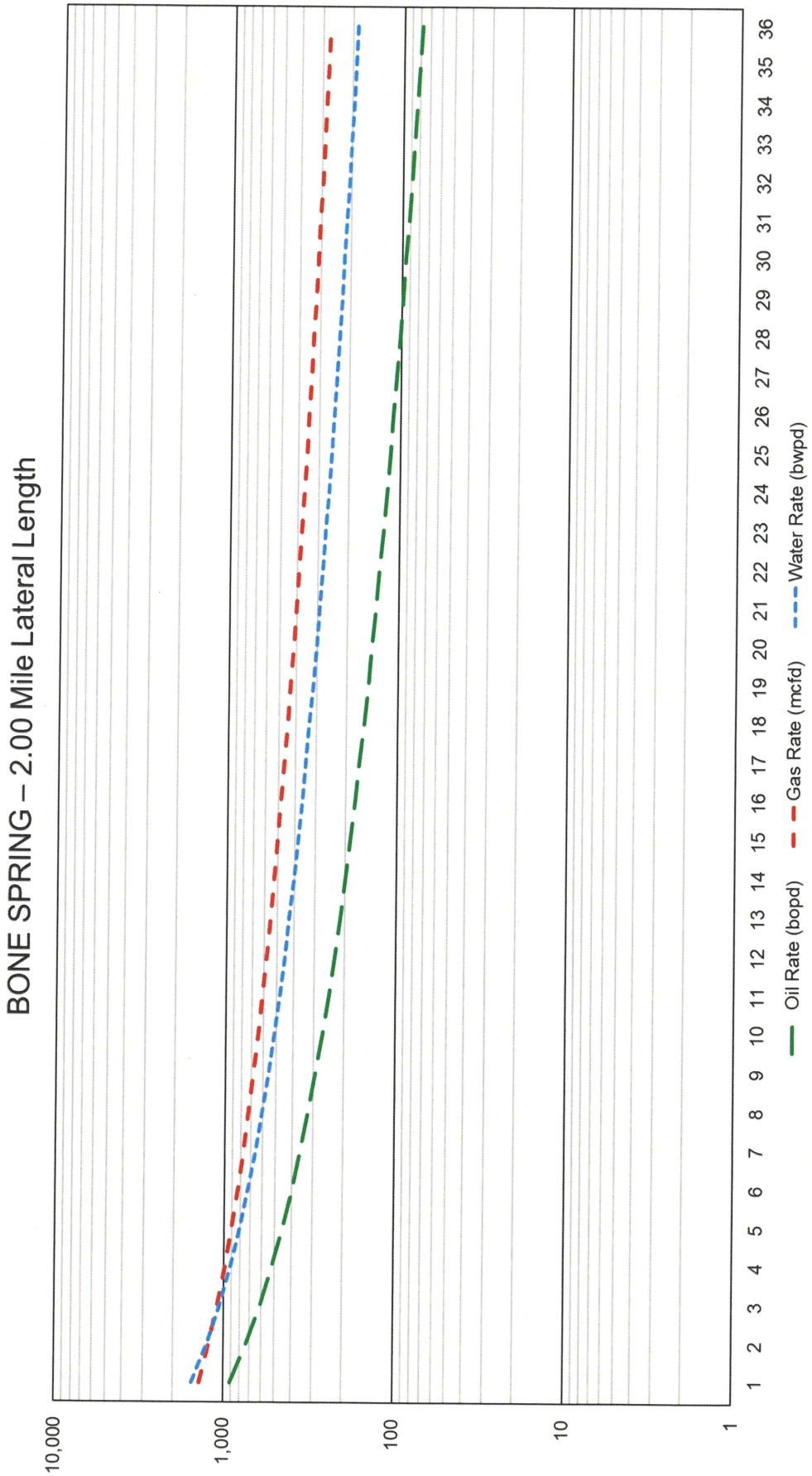
instructed our team that we want to connect the gas to sales as soon as possible but not later than 30 days after initial flowback.

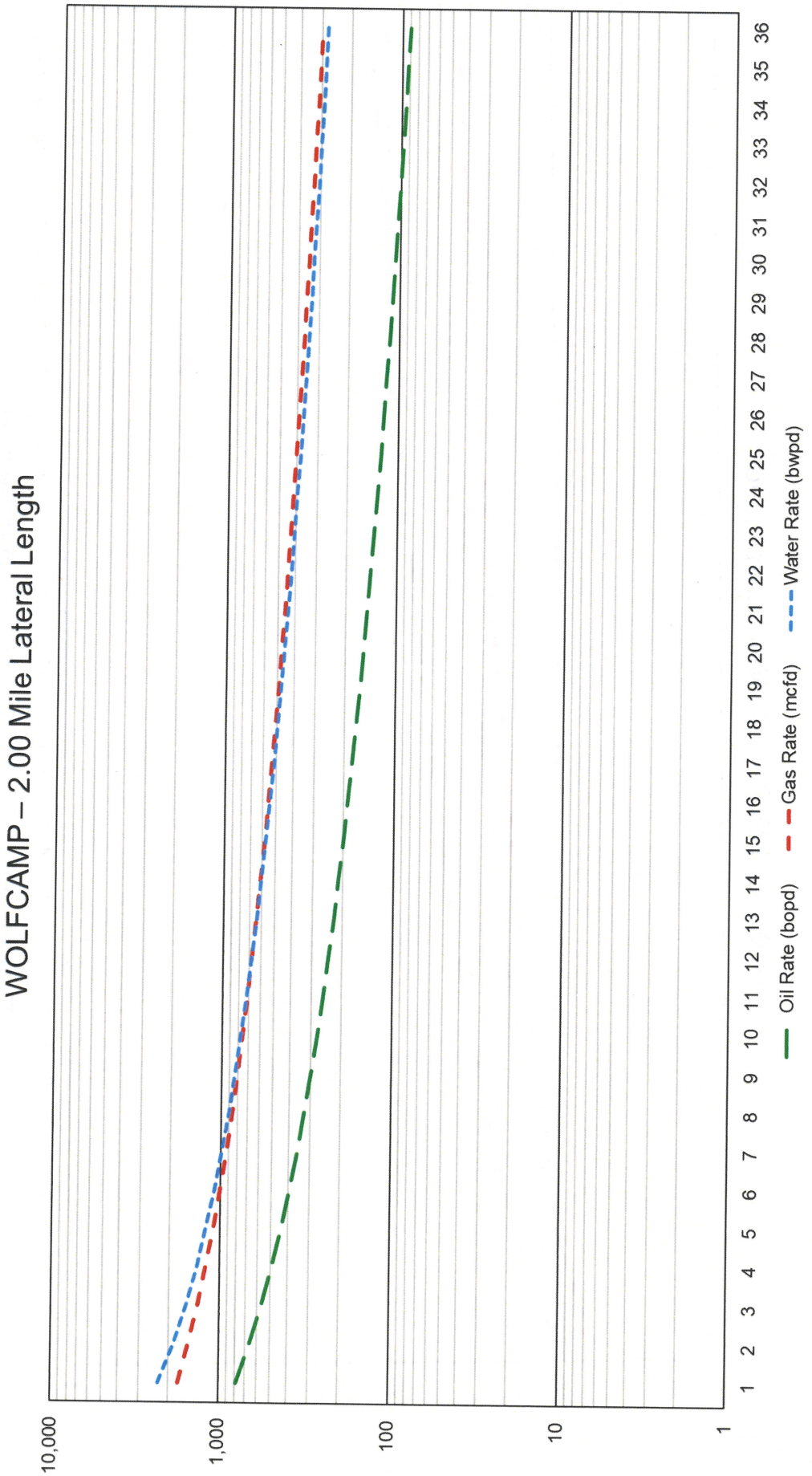
Regarding production operations, we have designed our production facilities to be compliant with the requirements of Part E of 19.15.27.8 NMAC. We will instruct our team to perform the AVOs on the frequency required under the rules. While the well is producing, we will take steps to minimize flaring 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.

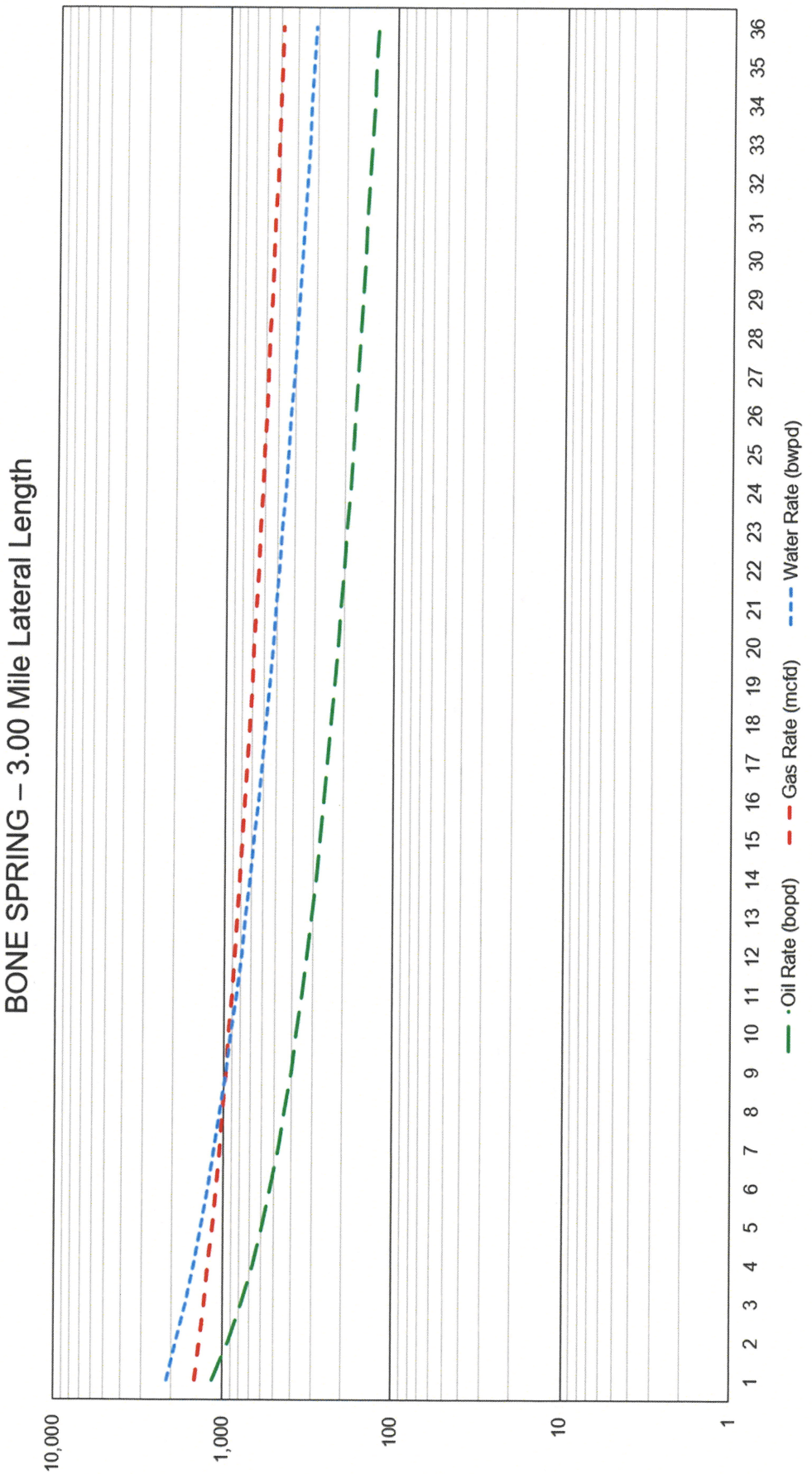
VII. Best Management Practices

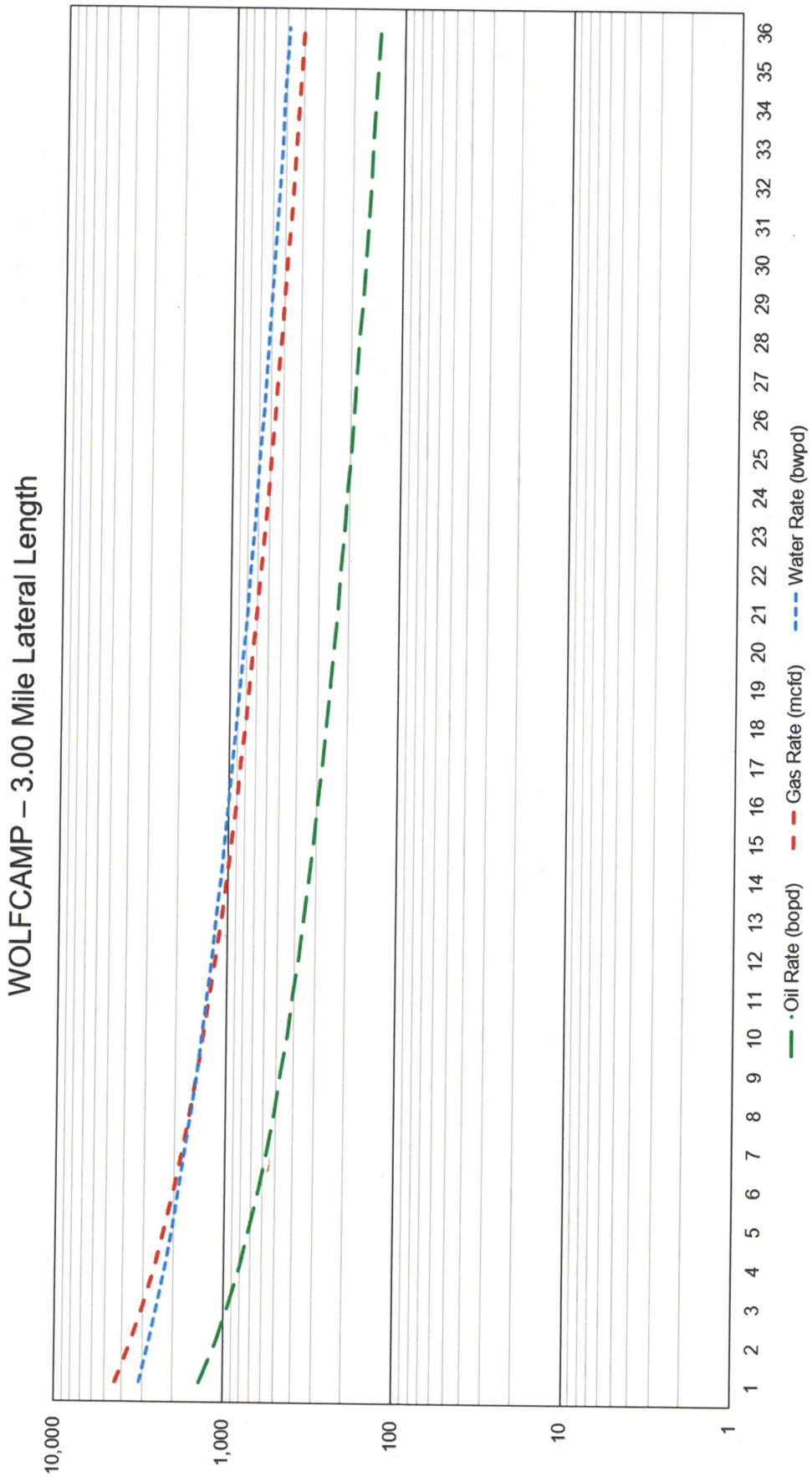
Steps are taken to minimize venting during active or planned maintenance when technically feasible including:

- 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


BONE SPRING – 2.00 Mile Lateral Length
10,000
1,000
100
10
1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
Oil Rate (bopd)
Gas Rate (mcfd)
Water Rate (bwpd)


WOLFCAMP – 2.00 Mile Lateral Length
10,000
1,000
100
10
1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
Oil Rate (bopd)
Gas Rate (mcfd)
Water Rate (bwpd)

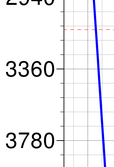

BONE SPRING – 3.00 Mile Lateral Length
10,000
1,000
100
10
1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
Oil Rate (bopd)
Gas Rate (mcfd)
Water Rate (bwpd)


WOLFCAMP – 3.00 Mile Lateral Length
10,000
1,000
100
10
1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
Oil Rate (bopd)
Gas Rate (mcfd)
Water Rate (bwpd)

Company: Matador Production Company
Well: Guss Fed Com 0731 #213H
County: Lea County, NM
Wellbore: Wellbore #1
Plan: BLM Plan #2
Date: 12/18/2025

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

To convert a Magnetic Direction to a Grid Direction, Add 5.43°
To convert a Magnetic Direction to a True Direction, Add 5.98° East
To convert a True Direction to a Grid Direction, Subtract 0.55°



Azimuths to Grid North
True North: -0.55°
Magnetic North: 5.43°

Magnetic Field
Strength: 47092.9snT
Dip Angle: 59.84°
Date: 12/31/2024
Model: IGRF2015

SURVEY PROGRAM

Depth From	Depth To	Survey/Plan	Tool
0.0	30337.1	BLM Plan #2 (Wellbore #1)	MWD

WELL DETAILS: Guss Fed Com 0731 #213H

GL @ 2977.0 KB @ 3005.5usft

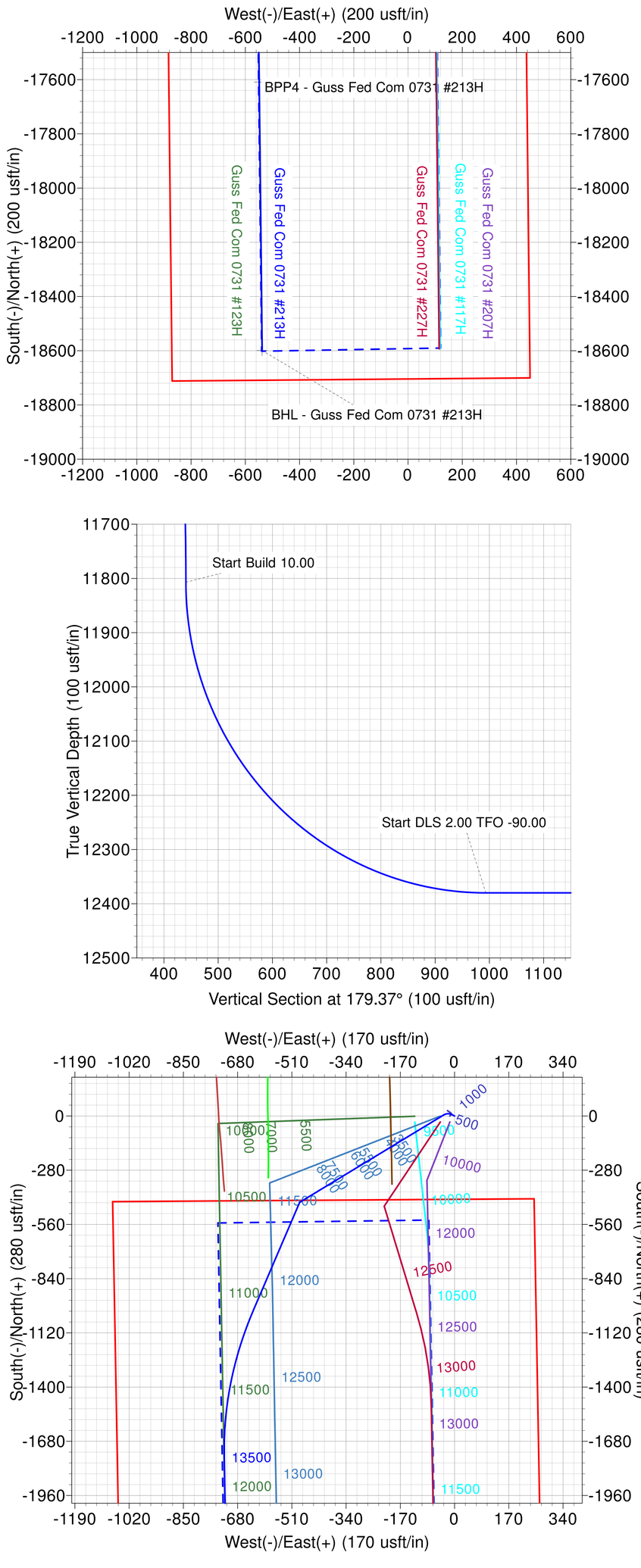
+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	384025.88	820085.59	32° 3' 5.731 N	103° 18' 0.818 W	

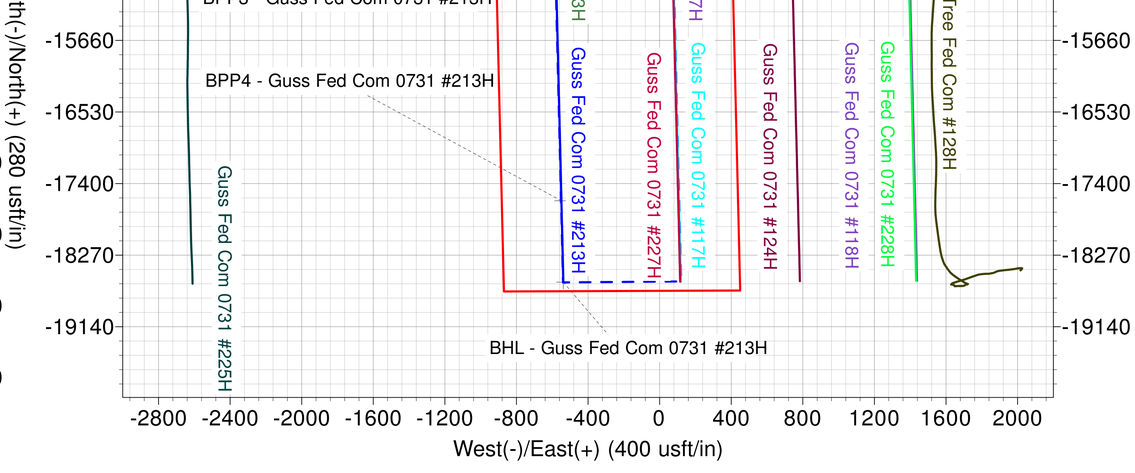
DESIGN TARGET DETAILS

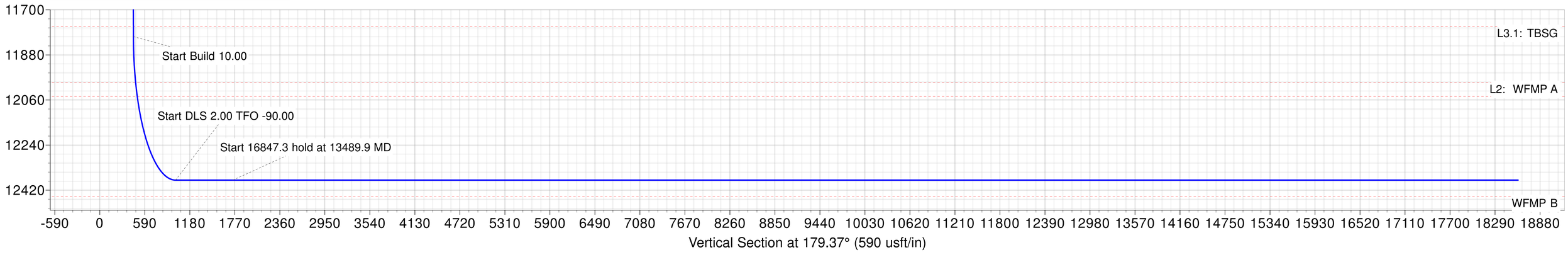
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
KOP - Guss Fed Com 0731 #213H	11807.0	-445.9	-485.6	383580.00	819600.00	32° 3' 1.365 N	103° 18' 6.509 W
BHL - Guss Fed Com 0731 #213H	12380.0	-18599.1	-538.1	365426.75	819547.47	32° 0' 1.742 N	103° 18' 9.131 W
BPP1 - Guss Fed Com 0731 #213H	12380.0	-5719.0	-678.6	378306.88	819406.95	32° 2' 9.206 N	103° 18' 9.336 W
BPP2 - Guss Fed Com 0731 #213H	12380.0	-11008.0	-620.9	373017.88	819464.65	32° 1' 16.865 N	103° 18' 9.252 W
BPP3 - Guss Fed Com 0731 #213H	12380.0	-13646.0	-592.2	370379.88	819493.43	32° 0' 50.759 N	103° 18' 9.210 W
BPP4 - Guss Fed Com 0731 #213H	12380.0	-17609.0	-548.9	366416.88	819536.67	32° 0' 11.541 N	103° 18' 9.147 W
FTP - Guss Fed Com 0731 #213H	12124.8	-539.0	-509.8	383486.88	819575.78	32° 3' 0.446 N	103° 18' 6.801 W

SECTION DETIALS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	Start Build 1.50
1766.7	4.00	310.00	1766.5	6.0	-7.1	1.50	310.00	-6.1	Start DLS 1.00 TFO -133.27
2299.6	3.89	225.02	2298.5	5.1	-34.2	1.00	-133.27	-5.5	Start 9270.6 hold at 2299.6 MD
11570.2	3.89	225.02	11547.7	-439.7	-479.4	0.00	0.00	434.4	Start Drop -1.50
11829.7	0.00	0.00	11807.0	-445.9	-485.6	1.50	180.00	440.5	Start Build 10.00
12729.7	90.00	194.58	12380.0	-1000.4	-629.8	10.00	194.58	993.4	Start DLS 2.00 TFO -90.00
13489.9	90.00	179.37	12380.0	-1752.8	-721.9	2.00	-90.00	1744.8	Start 16847.3 hold at 13489.9 MD
30337.3	90.00	179.37	12380.0	-18599.1	-538.1	0.00	0.00	18592.1	TD at 30337.3







Matador Production Company

Antelope Ridge
Guss
Guss Fed Com 0731 #213H

Wellbore #1
BLM Plan #2

Anticollision Summary Report

19 December, 2025

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3005.5usft
Reference Site:	Guss	**MD Reference:**	KB @ 3005.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	BLM Plan #2	**Offset TVD Reference:**	Offset Datum

Reference	BLM Plan #2		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.0 usft	**Error Surface:**	Pedal Curve
Warning Levels Evaluated at:	2.00 **Sigma**	**Casing Method:**	Not applied

Survey Tool Program **Date** 12/19/2025

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	30,337.1	BLM Plan #2 (Wellbore #1)	MWD	OWSG MWD - Standard

Summary

Site Name / Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Guss						
Guss Fed Com 0731 #117H - Wellbore #1 - BLM Plan #1	3,625.8	3,619.6	38.1	12.7	1.501	CC
Guss Fed Com 0731 #117H - Wellbore #1 - BLM Plan #1	3,700.0	3,706.3	38.4	12.5	1.480	Level 3, ES, SF
Guss Fed Com 0731 #118H - Wellbore #1 - BLM Plan #1	1,500.0	1,506.0	705.4	695.1	68.388	CC, ES
Guss Fed Com 0731 #118H - Wellbore #1 - BLM Plan #1	30,337.3	28,186.4	3,215.4	2,771.5	7.244	SF
Guss Fed Com 0731 #123H - Wellbore #1 - BLM Plan #1	1,000.0	1,003.0	124.9	118.2	18.588	CC, ES
Guss Fed Com 0731 #123H - Wellbore #1 - BLM Plan #1	10,337.9	10,472.0	318.1	243.8	4.281	SF
Guss Fed Com 0731 #124H - Wellbore #1 - BLM Plan #1	2,202.8	2,241.6	609.9	594.6	39.784	CC, ES
Guss Fed Com 0731 #124H - Wellbore #1 - BLM Plan #1	30,337.3	28,704.7	2,425.1	2,011.0	5.857	SF
Guss Fed Com 0731 #133H - Wellbore #1 - BLM Plan #1	1,000.0	1,001.0	45.0	38.3	6.703	CC
Guss Fed Com 0731 #133H - Wellbore #1 - BLM Plan #1	11,500.0	11,513.9	102.6	19.9	1.241	Level 2, ES, SF
Guss Fed Com 0731 #134H - Wellbore #1 - BLM Plan #1	904.2	910.2	735.4	729.4	121.677	CC
Guss Fed Com 0731 #134H - Wellbore #1 - BLM Plan #1	1,000.0	995.7	735.8	729.1	110.034	ES
Guss Fed Com 0731 #134H - Wellbore #1 - BLM Plan #1	22,700.0	22,260.7	1,975.9	1,612.8	5.442	SF
Guss Fed Com 0731 #207H - Wellbore #1 - BLM Plan #1	1,500.0	1,503.0	33.9	23.6	3.292	CC
Guss Fed Com 0731 #207H - Wellbore #1 - BLM Plan #1	2,500.0	2,504.6	39.1	21.7	2.248	ES
Guss Fed Com 0731 #207H - Wellbore #1 - BLM Plan #1	30,337.3	30,007.5	699.9	113.0	1.192	Level 2, SF
Guss Fed Com 0731 #211H - Wellbore #1 - Total Prelim	6,212.0	6,100.0	2,252.6	2,209.2	51.967	CC
Guss Fed Com 0731 #211H - Wellbore #1 - Total Prelim	30,337.3	30,733.2	2,623.6	2,003.6	4.232	ES, SF
Guss Fed Com 0731 #213Y - Wellbore #1 - Actual	475.1	476.2	13.3	10.6	4.817	CC
Guss Fed Com 0731 #213Y - Wellbore #1 - Actual	600.0	601.0	13.7	10.1	3.742	ES
Guss Fed Com 0731 #213Y - Wellbore #1 - Actual	900.0	900.8	18.5	12.7	3.192	SF
Guss Fed Com 0731 #225H - Wellbore #1 - Actual	15,334.4	15,300.0	2,004.7	1,858.5	13.709	CC
Guss Fed Com 0731 #225H - Wellbore #1 - Actual	30,337.3	30,300.5	2,079.8	1,461.8	3.365	ES, SF
Guss Fed Com 0731 #227H - Wellbore #1 - BLM Plan #1	1,000.0	996.0	54.3	47.6	8.113	CC, ES
Guss Fed Com 0731 #227H - Wellbore #1 - BLM Plan #1	30,337.3	30,302.2	707.6	122.7	1.210	Level 2, SF
Guss Fed Com 0731 #228H - Wellbore #1 - BLM Plan #1	1,000.0	1,007.0	734.9	728.1	109.128	CC
Guss Fed Com 0731 #228H - Wellbore #1 - BLM Plan #1	1,100.0	1,098.7	735.5	728.1	99.342	ES
Guss Fed Com 0731 #228H - Wellbore #1 - BLM Plan #1	30,337.3	30,297.8	1,979.9	1,360.1	3.195	SF

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3005.5usft
Reference Site:	Guss	**MD Reference:**	KB @ 3005.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	BLM Plan #2	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Wells in Antelope Ridge						
Golden Bell Fed Com #093H - Wellbore #1 - Wellbore #1	11,801.1	22,231.0	1,417.8	1,192.8	6.301	CC, ES
Golden Bell Fed Com #093H - Wellbore #1 - Wellbore #1	11,829.7	22,231.0	1,418.2	1,193.1	6.300	SF
Golden Bell Fed Com #095H - Wellbore #1 - Wellbore #1	11,813.1	22,170.0	160.7	4.1	1.026	Level 2, CC, ES, SF
Golden Bell Fed Com #104H - Wellbore #1 - Wellbore #1	12,000.0	22,787.0	970.8	744.2	4.284	SF
Golden Bell Fed Com #104H - Wellbore #1 - Wellbore #1	12,031.0	22,787.0	970.4	744.1	4.288	CC, ES
Golden Bell Fed Com #106H - Wellbore #1 - Wellbore #1	11,885.2	22,295.0	306.2	89.4	1.413	Level 3, CC, ES, SF
Golden Bell Fed Com #107H - Wellbore #1 - Wellbore #1	11,975.3	22,353.0	1,144.1	918.9	5.081	CC, ES
Golden Bell Fed Com #107H - Wellbore #1 - Wellbore #1	12,000.0	22,353.0	1,144.5	919.1	5.077	SF
Golden Bell Fed Com #108H - Wellbore #1 - Wellbore #1	11,647.9	22,196.0	1,263.9	1,040.4	5.655	CC, ES
Golden Bell Fed Com #108H - Wellbore #1 - Wellbore #1	11,700.0	22,196.0	1,264.7	1,041.0	5.654	SF
Golden Bell Fed Com #113H - Wellbore #1 - Wellbore #1	12,200.0	22,690.0	1,330.5	1,103.5	5.861	SF
Golden Bell Fed Com #113H - Wellbore #1 - Wellbore #1	12,250.0	22,690.0	1,328.6	1,102.1	5.865	ES
Golden Bell Fed Com #113H - Wellbore #1 - Wellbore #1	12,295.3	22,690.0	1,328.1	1,102.2	5.879	CC
Golden Bell Fed Com #115H - Wellbore #1 - Wellbore #1	12,072.1	22,612.0	248.4	39.3	1.188	Level 2, CC, ES, SF
Golden Bell Fed Com #122H - Wellbore #1 - Wellbore #1	12,250.0	22,846.0	1,527.1	1,302.3	6.794	SF
Golden Bell Fed Com #122H - Wellbore #1 - Wellbore #1	12,350.0	22,846.0	1,524.5	1,300.6	6.811	ES
Golden Bell Fed Com #122H - Wellbore #1 - Wellbore #1	12,361.1	22,846.0	1,524.4	1,300.8	6.816	CC
Prizehog BWZ State Com #1H - Wellbore #1 - Wellbore	22,361.9	17,277.0	1,283.8	1,026.4	4.987	CC
Prizehog BWZ State Com #1H - Wellbore #1 - Wellbore	22,400.0	17,277.0	1,284.4	1,026.2	4.974	ES, SF
Prizehog BWZ State Com #2H - Wellbore #1 - Wellbore	18,529.0	13,205.2	1,294.7	1,129.9	7.855	CC
Prizehog BWZ State Com #2H - Wellbore #1 - Wellbore	22,500.0	17,162.3	1,304.0	1,035.8	4.861	ES
Prizehog BWZ State Com #2H - Wellbore #1 - Wellbore	22,600.0	17,188.0	1,307.5	1,038.5	4.860	SF
S Big Oak Tree Fed Com #128H - Wellbore #1 - Wellbor	25,373.7	16,774.4	2,107.8	1,791.4	6.661	CC
S Big Oak Tree Fed Com #128H - Wellbore #1 - Wellbor	29,500.0	12,649.6	2,112.5	1,776.0	6.277	ES
S Big Oak Tree Fed Com #128H - Wellbore #1 - Wellbor	29,900.0	12,348.8	2,126.1	1,784.9	6.232	SF

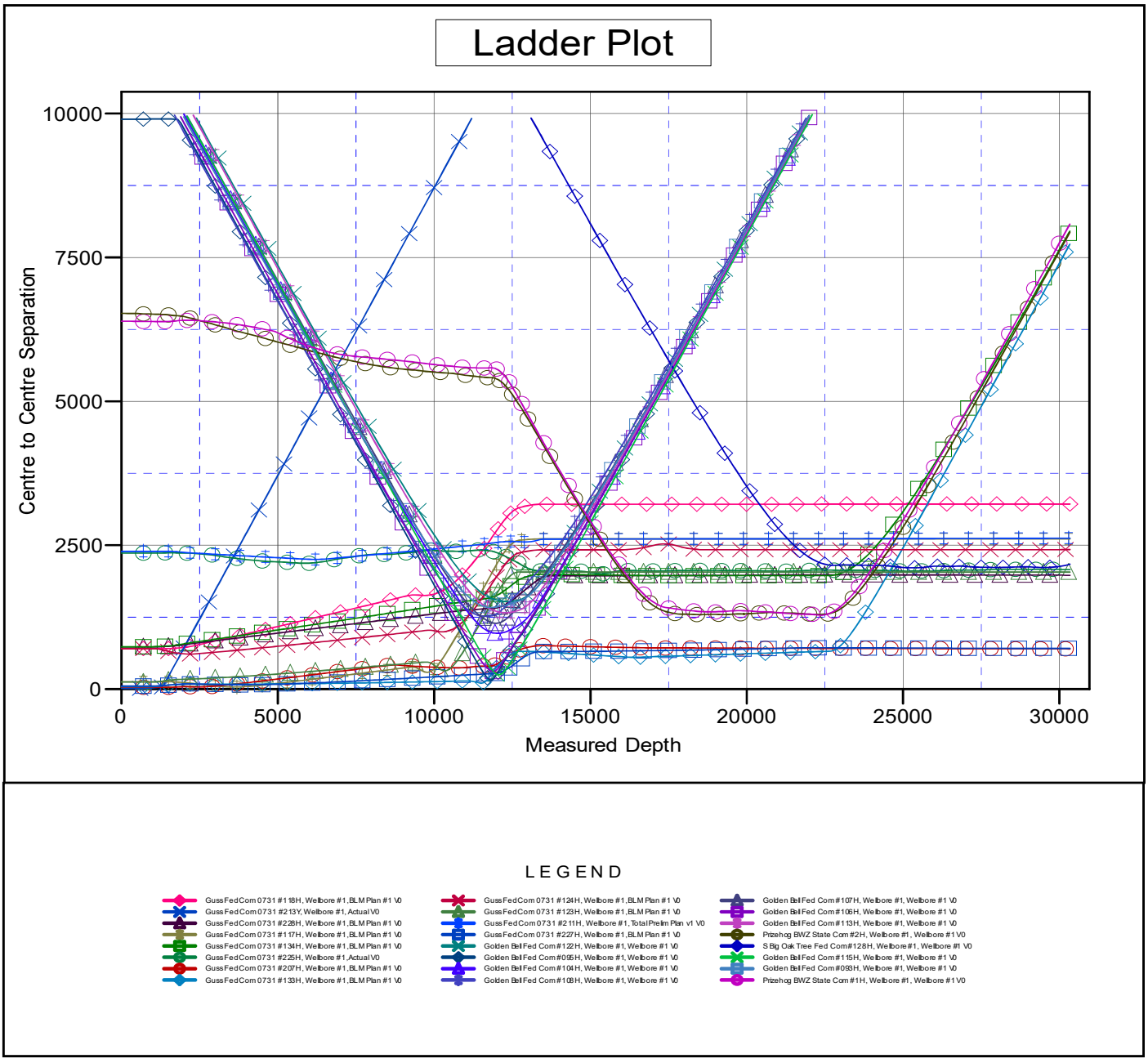
CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3005.5usft
Reference Site:	Guss	**MD Reference:**	KB @ 3005.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	BLM Plan #2	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KB @ 3005.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: Guss Fed Com 0731 #213H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.55°



CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

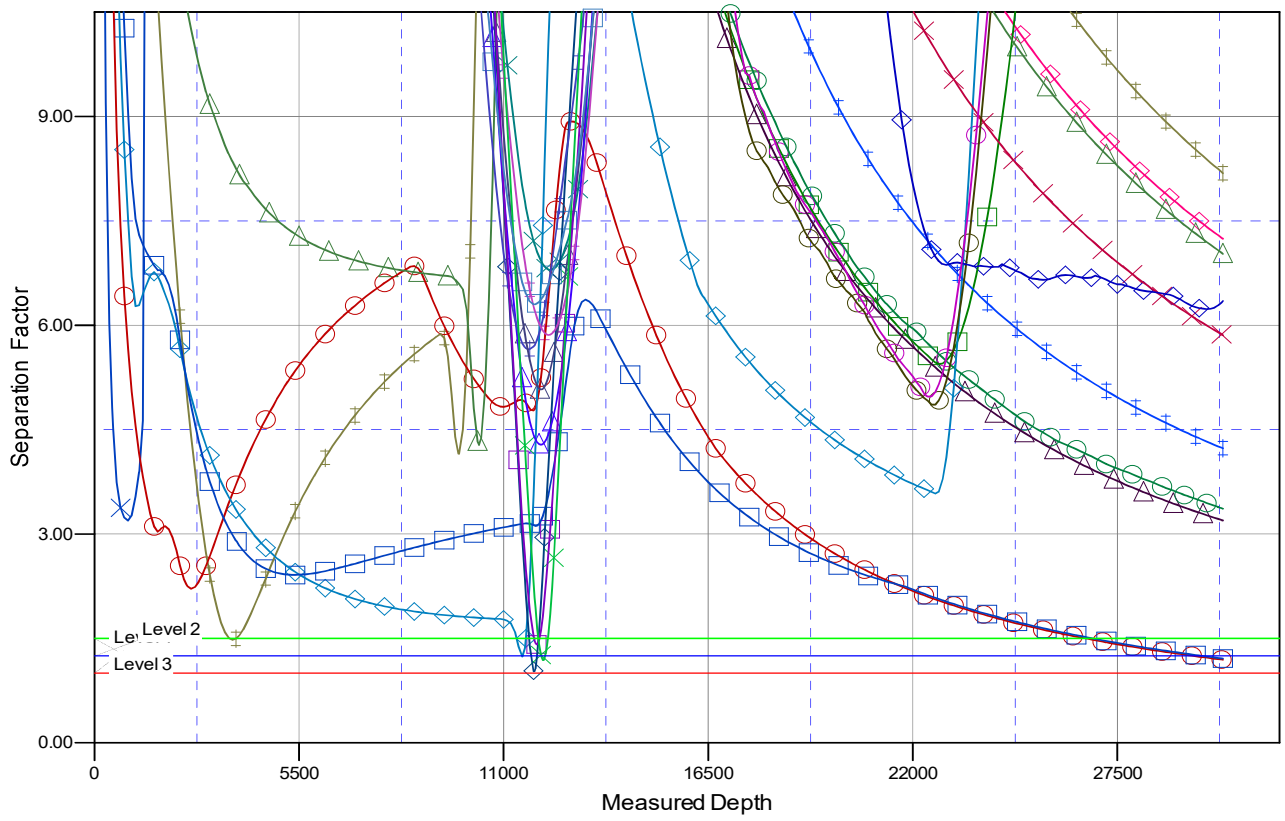
Anticollision Summary Report

Company:	Matador Production Company	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Project:	Antelope Ridge	**TVD Reference:**	KB @ 3005.5usft
Reference Site:	Guss	**MD Reference:**	KB @ 3005.5usft
Site Error:	0.0 usft	**North Reference:**	Grid
Reference Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0 usft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	EDM 5000.14 Single User Db
Reference Design:	BLM Plan #2	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KB @ 3005.5usft
Offset Depths are relative to Offset Datum
Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: Guss Fed Com 0731 #213H
Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30
Grid Convergence at Surface is: 0.55°

Separation Factor Plot



LEGEND

Guss Fed Com 0731 #118H, Wellbore #1, BLM Plan #1 V0
Guss Fed Com 0731 #213Y, Wellbore #1, Actual V0
Guss Fed Com 0731 #228H, Wellbore #1, BLM Plan #1 V0
Guss Fed Com 0731 #117H, Wellbore #1, BLM Plan #1 V0
Guss Fed Com 0731 #134H, Wellbore #1, BLM Plan #1 V0
Guss Fed Com 0731 #225H, Wellbore #1, Actual V0
Guss Fed Com 0731 #207H, Wellbore #1, BLM Plan #1 V0
Guss Fed Com 0731 #133H, Wellbore #1, BLM Plan #1 V0
Guss Fed Com 0731 #124H, Wellbore #1, BLM Plan #1 V0
Guss Fed Com 0731 #123H, Wellbore #1, BLM Plan #1 V0
Guss Fed Com 0731 #211H, Wellbore #1, Total Prelim Plan v1 V0
Guss Fed Com 0731 #227H, Wellbore #1, BLM Plan #1 V0
Golden Bell Fed Com #122H, Wellbore #1, Wellbore #1 V0
Golden Bell Fed Com #095H, Wellbore #1, Wellbore #1 V0
Golden Bell Fed Com #104H, Wellbore #1, Wellbore #1 V0
Golden Bell Fed Com #108H, Wellbore #1, Wellbore #1 V0
Golden Bell Fed Com #107H, Wellbore #1, Wellbore #1 V0
Golden Bell Fed Com #106H, Wellbore #1, Wellbore #1 V0
Golden Bell Fed Com #113H, Wellbore #1, Wellbore #1 V0
Prizehog BWZ State Com #2H, Wellbore #1, Wellbore #1 V0
S Big Oak Tree Fed Com #128H, Wellbore #1, Wellbore #1 V0
Golden Bell Fed Com #115H, Wellbore #1, Wellbore #1 V0
Golden Bell Fed Com #093H, Wellbore #1, Wellbore #1 V0
Prizehog BWZ State Com #1H, Wellbore #1, Wellbore #1 V0

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

Drill Plan - Design B (4 string)

Guss Fed Com 0731 213H
SHL: 430' FSL & 1566' FEL Section 7
BHL: 110' FSL & 2307' FEL Section 31
Township/Range: 26S 36E
Elevation Above Sea Level: 2977

Sundry Request
Matador request the option to amend the well design of the Guss Fed Com 0731 213H and make the following changes to the current APD:
- Matador requests to change the surface hole location from 1581' FEL to 1566' FEL as per the attached C-102. Directional plans and drilling plan has been updated accordingly.

Drilling Operation Plan

Proposed Drilling Depth: 30337' MD / 12380' TVD

Type of well: Horizontal well, no pilot hole

Permitted Well Type: Oil

Geologic Name of Surface Formation: Quaternary Deposits

KOP Lat/Long (NAD83): 32.0516322 N / -103.3030788 W
TD Lat/Long (NAD83): 32.006115 N / -103.3029926 W

1. Estimated Tops

Formation	MD (ft)	TVD (ft)	Thickness (ft)	Lithology	Resource
Rustler	1,321	1,321	512	Anhydrite	Barren
Salado (Top of Salt)	1,833	1,833	1,296	Salt	Barren
Castile	3,129	3,129	2,047	Salt	Barren
Bell Canyon	5,176	5,176	956	Sandstone	Oil/Natural Gas
Cherry Canyon	6,132	6,132	1,136	Sandstone	Oil/Natural Gas
Brushy Canyon	7,268	7,268	1,170	Sandstone	Oil/Natural Gas
Bone Spring Lime	8,438	8,438	1,355	Limestone	Oil/Natural Gas
1st Bone Spring Sand	9,793	9,793	111	Sandstone	Oil/Natural Gas
2nd Bone Spring Carb	9,904	9,904	367	Carbonate	Oil/Natural Gas
2nd Bone Spring Sand	10,271	10,271	294	Sandstone	Oil/Natural Gas
3rd Bone Spring Carb	10,565	10,565	1,202	Carbonate	Oil/Natural Gas
3rd Bone Spring Sand	11,683	11,767	224	Sandstone	Oil/Natural Gas
KOP	**11,829**	**11,807**	**-**	**Sandstone**	**Oil/Natural Gas**
Wolfcamp A	12,029	11,991	455	Shale	Oil/Natural Gas
TD	**30,337**	**12,380**	**-**	**Shale**	**Oil/Natural Gas**
Wolfcamp B	-	12,446	-	Shale	Oil/Natural Gas

2. Notable Zones

Wolfcamp A 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 92

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 the Intermediate 1, Intermediate 2, 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 “Offline Cement Procedure - Surface Casing” 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

4. Casing & Cement

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

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 - 1346	0 - 1346	13.375	54.5	J-55	BUTT	1.125	1.125	1.8
Intermediate 1	12.25	0 - 5226	0 - 5226	10.75	45.5	HCL-80	BUTT-SC	1.125	1.125	1.8
Intermediate 2	9.875	0 - 11679	0 - 11657	7.625	29.7	P-110	BUTT	1.125	1.125	1.8
Production	6.75	0 - 30337	0 - 12380	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.

Matador request option to switch to Design B (4 string) if losses are observed in Capitan Reef. If losses are observed, an additional intermediate casing string will be ran to isolate losses. No other changes in well design are required. The 10-3/4" SC casing spec sheet along with 4-string wellhead diagram are attached.

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	630	1.72	1089	13.5	50%	0	C	5% NaCl + LCM
	Tail	250	1.38	347	14.8	50%	1046	C	5% NaCl + LCM
Intermediate 1 w/ DV @ 3179'	Stg 2 Tail	390	1.78	699	13.5	10%	0	C	5% NaCl + LCM
	Stg 1 Lead	620	1.84	1133	12.5	50%	0	C	5% NaCl + LCM
	Stg 1 Tail	230	1.33	304	14.8	50%	4226	C	5% NaCl + LCM
Intermediate 2 w/ DV @ 5276'	Stg 2 Tail	660	1.78	1177	13.5	10%	0	C	5% NaCl + LCM
	Stg 1 Lead	440	3.66	1626	10.3	35%	5026	A/C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Stg 1 Tail	230	1.38	311	13.2	35%	10679	A/C	5% NaCl + LCM
Production	Tail	1460	1.35	1967	13.2	25%	11479	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 (in)	Mud Type	Interval MD (ft)	Density (lb/gal)	Viscosity	Fluid Loss
Surface	17.5	Spud Mud	0 - 1346	8.8 - 9.4	28-30	NC

Intermediate 1	12.25	Brine	1346 - 5226	9.6 - 10.2	28-30	NC
Intermediate 2	9.875	Cut Brine	5226 - 11679	8.6 - 9.4	28-30	NC
Production	6.75	OBM/Cut Brine	11679 - 30337	11 - 12	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 7725 psi. Maximum anticipated surface pressure is 5002 psi. Expected bottom hole temperature is 191 F.

In accordance with Title 43 CFR 3176, Matador does not anticipate that there will be enough H2S from the surface to the Bone Spring formations to meet the BLM's minimum requirements for the submission of an "H2S Drilling Operation Plan" or "Public Protection Plan" for the drilling and completion of this well. Since we have an H2S safety package on all wells, attached is an "H2S 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 Specs - 10.75" 45.5lb BUTT-SC

BORUSAN MANNESMANN

MANNESMANN

API 5CT 10.750" 45.50lb/ft HCL80 Casing Performance Data Sheet

Manufactured to specifications of API 5CT 9th edition and bears the API monogram.

Grade	HCL80

	Pipe Body Mechanical Properties
Minimum Yield Strength	80,000 psi
Maximum Yield Strength	95,000 psi
Minimum Tensile Strength	95,000 psi
Maximum Hardness	23.0 HRC

	Sizes
OD	10 3/4
Nominal Wall Thickness	.400 in
Nominal Weight, T&C	45.50 lb/ft
Nominal Weight, PE	44.26 lb/ft
Nominal ID	9.950 in
Standard Drift	9.794 in
Alternate Drift	9.875 in

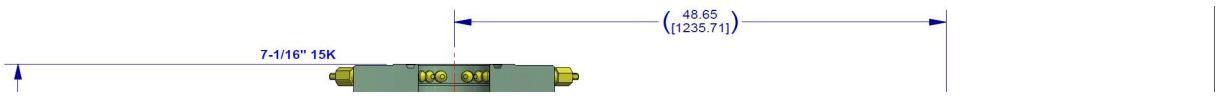
Coupling Special Clearance	**Size**
OD	11.25 in
Min. Length	10.625 in
Diameter of Counter Bore	10.890 in
Width of bearing face	.375 in

	Minimum Performance
Collapse Pressure	2,940 psi
Internal Pressure Yield	5,210 psi
Pipe body Tension Yield	1,040,000 lbs
Joint Strength STC	692,000 lbs
Joint Strength LTC	N/A
Joint Strength BTC	1,063,000 lbs

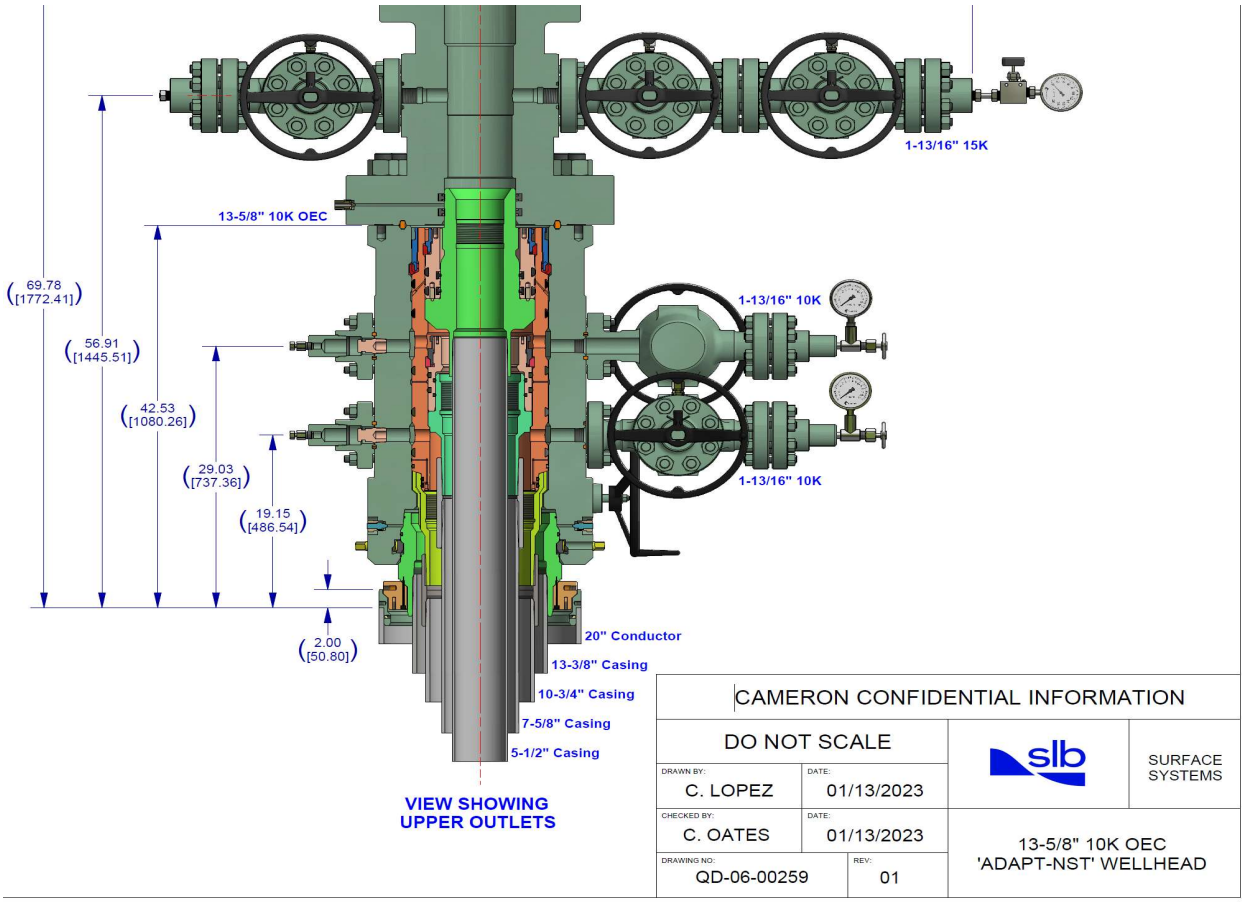
	Inspection and Testing
Visual	OD Longitidunal and independent 3rd party SEA
NDT	Independent 3rd party full body EMI and End Area Inspection after hydrotest Calibration notch sensitivity: 10% of specified wall thickness

	Color code
Pipe ends	One red, one brown and one blue band
Couplings	Red with one brown band

4-String Wellhead Diagram



Drill Plan - Design B (4 string)



Matador Production Company

Antelope Ridge
Guss
Guss Fed Com 0731 #213H

Wellbore #1

Plan: BLM Plan #2

Standard Planning Report

19 December, 2025

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3005.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3005.5usft
Site:	Guss	**North Reference:**	Grid
Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	BLM Plan #2		

Project Antelope Ridge

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site Guss

Site Position:		**Northing:**	383,968.00 usft	**Latitude:**	32° 3' 5.392 N
From:	Map	**Easting:**	817,611.00 usft	**Longitude:**	103° 18' 29.573 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	0.54 °

Well Guss Fed Com 0731 #213H

Well Position	**+N/-S**	57.9 usft	**Northing:**	384,025.88 usft	**Latitude:**	32° 3' 5.731 N
	+E/-W	2,474.6 usft	**Easting:**	820,085.59 usft	**Longitude:**	103° 18' 0.818 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	2,977.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/31/2024	5.98	59.84	47,092.94870634

Design BLM Plan #2

Audit Notes:

Version:	1	**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	179.37

Plan Survey Tool Program **Date** 12/19/2025

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	30,337.1	BLM Plan #2 (Wellbore #1)	MWD	
				OWSG MWD - Standard	

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,766.7	4.00	310.00	1,766.5	6.0	-7.1	1.50	1.50	0.00	310.00	
2,299.6	3.89	225.02	2,298.5	5.1	-34.2	1.00	-0.02	-15.95	-133.27	
11,570.2	3.89	225.02	11,547.7	-439.7	-479.4	0.00	0.00	0.00	0.00	
11,829.7	0.00	0.00	11,807.0	-445.9	-485.6	1.50	-1.50	0.00	180.00	KOP - Guss Fed Com
12,729.7	90.00	194.58	12,380.0	-1,000.4	-629.8	10.00	10.00	0.00	194.58	
13,489.9	90.00	179.37	12,380.0	-1,752.8	-721.9	2.00	0.00	-2.00	-90.00	
30,337.3	90.00	179.37	12,380.0	-18,599.1	-538.1	0.00	0.00	0.00	0.00	BHL - Guss Fed Com

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3005.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3005.5usft
Site:	Guss	**North Reference:**	Grid
Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	BLM Plan #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,321.0	0.00	0.00	1,321.0	0.0	0.0	0.0	0.00	0.00	0.00
Rustler									
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
Start Build 1.50									
1,600.0	1.50	310.00	1,600.0	0.8	-1.0	-0.9	1.50	1.50	0.00
1,700.0	3.00	310.00	1,699.9	3.4	-4.0	-3.4	1.50	1.50	0.00
1,766.7	4.00	310.00	1,766.5	6.0	-7.1	-6.1	1.50	1.50	0.00
Start DLS 1.00 TFO -133.27									
1,800.0	3.78	306.32	1,799.7	7.4	-8.9	-7.5	1.00	-0.66	-11.05
1,833.4	3.58	302.19	1,833.0	8.6	-10.7	-8.7	1.00	-0.61	-12.36
Salado									
1,900.0	3.23	292.53	1,899.5	10.4	-14.2	-10.6	1.00	-0.51	-14.50
2,000.0	2.94	274.70	1,999.4	11.7	-19.3	-11.9	1.00	-0.29	-17.83
2,100.0	2.97	255.21	2,099.2	11.3	-24.4	-11.5	1.00	0.03	-19.48
2,200.0	3.32	238.01	2,199.1	9.1	-29.3	-9.4	1.00	0.35	-17.20
2,299.6	3.89	225.02	2,298.5	5.1	-34.2	-5.5	1.00	0.58	-13.04
Start 9270.6 hold at 2299.6 MD									
2,300.0	3.89	225.02	2,298.9	5.1	-34.2	-5.5	0.00	0.00	0.00
2,400.0	3.89	225.02	2,398.7	0.3	-39.0	-0.8	0.00	0.00	0.00
2,500.0	3.89	225.02	2,498.4	-4.5	-43.8	4.0	0.00	0.00	0.00
2,600.0	3.89	225.02	2,598.2	-9.3	-48.6	8.7	0.00	0.00	0.00
2,700.0	3.89	225.02	2,698.0	-14.1	-53.4	13.5	0.00	0.00	0.00
2,800.0	3.89	225.02	2,797.7	-18.9	-58.2	18.2	0.00	0.00	0.00
2,900.0	3.89	225.02	2,897.5	-23.7	-63.0	23.0	0.00	0.00	0.00
3,000.0	3.89	225.02	2,997.3	-28.5	-67.8	27.7	0.00	0.00	0.00
3,100.0	3.89	225.02	3,097.1	-33.3	-72.6	32.5	0.00	0.00	0.00
3,132.0	3.89	225.02	3,129.0	-34.8	-74.2	34.0	0.00	0.00	0.00
Castile									
3,200.0	3.89	225.02	3,196.8	-38.1	-77.4	37.2	0.00	0.00	0.00
3,300.0	3.89	225.02	3,296.6	-42.9	-82.2	41.9	0.00	0.00	0.00
3,400.0	3.89	225.02	3,396.4	-47.7	-87.0	46.7	0.00	0.00	0.00
3,500.0	3.89	225.02	3,496.1	-52.5	-91.8	51.4	0.00	0.00	0.00
3,600.0	3.89	225.02	3,595.9	-57.3	-96.6	56.2	0.00	0.00	0.00
3,700.0	3.89	225.02	3,695.7	-62.0	-101.4	60.9	0.00	0.00	0.00
3,800.0	3.89	225.02	3,795.4	-66.8	-106.2	65.7	0.00	0.00	0.00
3,900.0	3.89	225.02	3,895.2	-71.6	-111.0	70.4	0.00	0.00	0.00
4,000.0	3.89	225.02	3,995.0	-76.4	-115.8	75.2	0.00	0.00	0.00
4,100.0	3.89	225.02	4,094.8	-81.2	-120.6	79.9	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3005.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3005.5usft
Site:	Guss	**North Reference:**	Grid
Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	BLM Plan #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,200.0	3.89	225.02	4,194.5	-86.0	-125.4	84.7	0.00	0.00	0.00
4,300.0	3.89	225.02	4,294.3	-90.8	-130.2	89.4	0.00	0.00	0.00
4,400.0	3.89	225.02	4,394.1	-95.6	-135.0	94.1	0.00	0.00	0.00
4,500.0	3.89	225.02	4,493.8	-100.4	-139.8	98.9	0.00	0.00	0.00
4,600.0	3.89	225.02	4,593.6	-105.2	-144.6	103.6	0.00	0.00	0.00
4,700.0	3.89	225.02	4,693.4	-110.0	-149.4	108.4	0.00	0.00	0.00
4,800.0	3.89	225.02	4,793.1	-114.8	-154.3	113.1	0.00	0.00	0.00
4,900.0	3.89	225.02	4,892.9	-119.6	-159.1	117.9	0.00	0.00	0.00
5,000.0	3.89	225.02	4,992.7	-124.4	-163.9	122.6	0.00	0.00	0.00
5,100.0	3.89	225.02	5,092.4	-129.2	-168.7	127.4	0.00	0.00	0.00
5,183.7	3.89	225.02	5,176.0	-133.2	-172.7	131.3	0.00	0.00	0.00
G26: Bell Cyn.									
5,200.0	3.89	225.02	5,192.2	-134.0	-173.5	132.1	0.00	0.00	0.00
5,300.0	3.89	225.02	5,292.0	-138.8	-178.3	136.8	0.00	0.00	0.00
5,400.0	3.89	225.02	5,391.8	-143.6	-183.1	141.6	0.00	0.00	0.00
5,500.0	3.89	225.02	5,491.5	-148.4	-187.9	146.3	0.00	0.00	0.00
5,600.0	3.89	225.02	5,591.3	-153.2	-192.7	151.1	0.00	0.00	0.00
5,700.0	3.89	225.02	5,691.1	-158.0	-197.5	155.8	0.00	0.00	0.00
5,800.0	3.89	225.02	5,790.8	-162.8	-202.3	160.6	0.00	0.00	0.00
5,900.0	3.89	225.02	5,890.6	-167.6	-207.1	165.3	0.00	0.00	0.00
6,000.0	3.89	225.02	5,990.4	-172.4	-211.9	170.1	0.00	0.00	0.00
6,100.0	3.89	225.02	6,090.1	-177.2	-216.7	174.8	0.00	0.00	0.00
6,142.0	3.89	225.02	6,132.0	-179.2	-218.7	176.8	0.00	0.00	0.00
G13: Cherry Cyn.									
6,200.0	3.89	225.02	6,189.9	-182.0	-221.5	179.5	0.00	0.00	0.00
6,300.0	3.89	225.02	6,289.7	-186.8	-226.3	184.3	0.00	0.00	0.00
6,400.0	3.89	225.02	6,389.4	-191.6	-231.1	189.0	0.00	0.00	0.00
6,500.0	3.89	225.02	6,489.2	-196.4	-235.9	193.8	0.00	0.00	0.00
6,600.0	3.89	225.02	6,589.0	-201.2	-240.7	198.5	0.00	0.00	0.00
6,700.0	3.89	225.02	6,688.8	-206.0	-245.5	203.3	0.00	0.00	0.00
6,800.0	3.89	225.02	6,788.5	-210.8	-250.3	208.0	0.00	0.00	0.00
6,900.0	3.89	225.02	6,888.3	-215.6	-255.1	212.8	0.00	0.00	0.00
7,000.0	3.89	225.02	6,988.1	-220.4	-259.9	217.5	0.00	0.00	0.00
7,100.0	3.89	225.02	7,087.8	-225.2	-264.7	222.3	0.00	0.00	0.00
7,200.0	3.89	225.02	7,187.6	-230.0	-269.5	227.0	0.00	0.00	0.00
7,280.6	3.89	225.02	7,268.0	-233.8	-273.4	230.8	0.00	0.00	0.00
G7: Brushy Cyn.									
7,300.0	3.89	225.02	7,287.4	-234.8	-274.3	231.7	0.00	0.00	0.00
7,400.0	3.89	225.02	7,387.1	-239.6	-279.1	236.5	0.00	0.00	0.00
7,500.0	3.89	225.02	7,486.9	-244.4	-283.9	241.2	0.00	0.00	0.00
7,600.0	3.89	225.02	7,586.7	-249.2	-288.7	246.0	0.00	0.00	0.00
7,700.0	3.89	225.02	7,686.4	-254.0	-293.5	250.7	0.00	0.00	0.00
7,800.0	3.89	225.02	7,786.2	-258.8	-298.3	255.5	0.00	0.00	0.00
7,900.0	3.89	225.02	7,886.0	-263.6	-303.1	260.2	0.00	0.00	0.00
8,000.0	3.89	225.02	7,985.8	-268.4	-307.9	265.0	0.00	0.00	0.00
8,100.0	3.89	225.02	8,085.5	-273.2	-312.7	269.7	0.00	0.00	0.00
8,200.0	3.89	225.02	8,185.3	-278.0	-317.5	274.4	0.00	0.00	0.00
8,300.0	3.89	225.02	8,285.1	-282.8	-322.3	279.2	0.00	0.00	0.00
8,400.0	3.89	225.02	8,384.8	-287.6	-327.1	283.9	0.00	0.00	0.00
8,453.3	3.89	225.02	8,438.0	-290.1	-329.7	286.5	0.00	0.00	0.00
G4: BSGL (CS9)									
8,500.0	3.89	225.02	8,484.6	-292.3	-331.9	288.7	0.00	0.00	0.00
8,600.0	3.89	225.02	8,584.4	-297.1	-336.7	293.4	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3005.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3005.5usft
Site:	Guss	**North Reference:**	Grid
Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	BLM Plan #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,700.0	3.89	225.02	8,684.1	-301.9	-341.5	298.2	0.00	0.00	0.00
8,716.9	3.89	225.02	8,701.0	-302.8	-342.3	299.0	0.00	0.00	0.00
L6.3: Avalon Carb									
8,800.0	3.89	225.02	8,783.9	-306.7	-346.3	302.9	0.00	0.00	0.00
8,900.0	3.89	225.02	8,883.7	-311.5	-351.1	307.7	0.00	0.00	0.00
9,000.0	3.89	225.02	8,983.4	-316.3	-355.9	312.4	0.00	0.00	0.00
9,100.0	3.89	225.02	9,083.2	-321.1	-360.7	317.1	0.00	0.00	0.00
9,200.0	3.89	225.02	9,183.0	-325.9	-365.5	321.9	0.00	0.00	0.00
9,300.0	3.89	225.02	9,282.8	-330.7	-370.3	326.6	0.00	0.00	0.00
9,400.0	3.89	225.02	9,382.5	-335.5	-375.1	331.4	0.00	0.00	0.00
9,500.0	3.89	225.02	9,482.3	-340.3	-379.9	336.1	0.00	0.00	0.00
9,600.0	3.89	225.02	9,582.1	-345.1	-384.7	340.9	0.00	0.00	0.00
9,700.0	3.89	225.02	9,681.8	-349.9	-389.6	345.6	0.00	0.00	0.00
9,800.0	3.89	225.02	9,781.6	-354.7	-394.4	350.4	0.00	0.00	0.00
9,811.4	3.89	225.02	9,793.0	-355.3	-394.9	350.9	0.00	0.00	0.00
L5.1: FBSG									
9,900.0	3.89	225.02	9,881.4	-359.5	-399.2	355.1	0.00	0.00	0.00
9,922.7	3.89	225.02	9,904.0	-360.6	-400.2	356.2	0.00	0.00	0.00
L4.3: SBSC									
10,000.0	3.89	225.02	9,981.1	-364.3	-404.0	359.9	0.00	0.00	0.00
10,100.0	3.89	225.02	10,080.9	-369.1	-408.8	364.6	0.00	0.00	0.00
10,200.0	3.89	225.02	10,180.7	-373.9	-413.6	369.3	0.00	0.00	0.00
10,290.5	3.89	225.02	10,271.0	-378.3	-417.9	373.6	0.00	0.00	0.00
L4.1: SBSG									
10,300.0	3.89	225.02	10,280.4	-378.7	-418.4	374.1	0.00	0.00	0.00
10,400.0	3.89	225.02	10,380.2	-383.5	-423.2	378.8	0.00	0.00	0.00
10,500.0	3.89	225.02	10,480.0	-388.3	-428.0	383.6	0.00	0.00	0.00
10,585.2	3.89	225.02	10,565.0	-392.4	-432.1	387.6	0.00	0.00	0.00
L3.3: TBSC									
10,600.0	3.89	225.02	10,579.8	-393.1	-432.8	388.3	0.00	0.00	0.00
10,700.0	3.89	225.02	10,679.5	-397.9	-437.6	393.1	0.00	0.00	0.00
10,800.0	3.89	225.02	10,779.3	-402.7	-442.4	397.8	0.00	0.00	0.00
10,900.0	3.89	225.02	10,879.1	-407.5	-447.2	402.6	0.00	0.00	0.00
11,000.0	3.89	225.02	10,978.8	-412.3	-452.0	407.3	0.00	0.00	0.00
11,100.0	3.89	225.02	11,078.6	-417.1	-456.8	412.0	0.00	0.00	0.00
11,200.0	3.89	225.02	11,178.4	-421.9	-461.6	416.8	0.00	0.00	0.00
11,300.0	3.89	225.02	11,278.1	-426.7	-466.4	421.5	0.00	0.00	0.00
11,400.0	3.89	225.02	11,377.9	-431.5	-471.2	426.3	0.00	0.00	0.00
11,500.0	3.89	225.02	11,477.7	-436.3	-476.0	431.0	0.00	0.00	0.00
11,570.2	3.89	225.02	11,547.7	-439.7	-479.4	434.4	0.00	0.00	0.00
Start Drop -1.50									
11,600.0	3.45	225.02	11,577.5	-441.0	-480.7	435.7	1.50	-1.50	0.00
11,700.0	1.95	225.02	11,677.3	-444.3	-484.0	439.0	1.50	-1.50	0.00
11,789.7	0.60	225.02	11,767.0	-445.7	-485.4	440.4	1.50	-1.50	0.00
L3.1: TBSG									
11,800.0	0.45	225.02	11,777.3	-445.8	-485.5	440.4	1.50	-1.50	0.00
11,829.7	0.00	0.00	11,807.0	-445.9	-485.6	440.5	1.50	-1.50	454.77
Start Build 10.00 - KOP - Guss Fed Com 0731 #213H									
11,900.0	7.03	194.58	11,877.1	-450.1	-486.7	444.7	10.00	10.00	-235.24
12,000.0	17.03	194.58	11,974.8	-470.2	-491.9	464.8	10.00	10.00	0.00
12,017.0	18.73	194.58	11,991.0	-475.3	-493.2	469.8	10.00	10.00	0.00
L2: WFMP A									
12,076.2	24.65	194.58	12,046.0	-496.4	-498.7	490.9	10.00	10.00	0.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3005.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3005.5usft
Site:	Guss	**North Reference:**	Grid
Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	BLM Plan #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
WFMP A FAT									
12,100.0	27.03	194.58	12,067.4	-506.5	-501.3	500.9	10.00	10.00	0.00
12,166.6	33.69	194.58	12,124.8	-539.0	-509.8	533.4	10.00	10.00	0.00
FTP - Guss Fed Com 0731 #213H									
12,200.0	37.03	194.58	12,152.1	-557.7	-514.7	552.0	10.00	10.00	0.00
12,300.0	47.03	194.58	12,226.3	-622.4	-531.5	616.6	10.00	10.00	0.00
12,400.0	57.03	194.58	12,287.7	-698.6	-551.3	692.5	10.00	10.00	0.00
12,500.0	67.03	194.58	12,334.5	-784.0	-573.5	777.7	10.00	10.00	0.00
12,600.0	77.03	194.58	12,365.3	-876.0	-597.5	869.3	10.00	10.00	0.00
12,700.0	87.03	194.58	12,379.2	-971.7	-622.4	964.8	10.00	10.00	0.00
12,729.7	90.00	194.58	12,380.0	-1,000.4	-629.8	993.4	10.00	10.00	0.00
Start DLS 2.00 TFO -90.00									
12,800.0	90.00	193.17	12,380.0	-1,068.7	-646.7	1,061.5	2.00	0.00	-2.00
12,900.0	90.00	191.17	12,380.0	-1,166.4	-667.8	1,159.0	2.00	0.00	-2.00
13,000.0	90.00	189.17	12,380.0	-1,264.8	-685.4	1,257.2	2.00	0.00	-2.00
13,100.0	90.00	187.17	12,380.0	-1,363.8	-699.7	1,356.0	2.00	0.00	-2.00
13,200.0	90.00	185.17	12,380.0	-1,463.2	-710.4	1,455.3	2.00	0.00	-2.00
13,300.0	90.00	183.17	12,380.0	-1,562.9	-717.7	1,555.0	2.00	0.00	-2.00
13,400.0	90.00	181.17	12,380.0	-1,662.9	-721.5	1,654.8	2.00	0.00	-2.00
13,489.9	90.00	179.37	12,380.0	-1,752.8	-721.9	1,744.8	2.00	0.00	-2.00
Start 16847.3 hold at 13489.9 MD									
13,500.0	90.00	179.37	12,380.0	-1,762.9	-721.8	1,754.8	0.00	0.00	0.00
13,600.0	90.00	179.37	12,380.0	-1,862.9	-720.7	1,854.8	0.00	0.00	0.00
13,700.0	90.00	179.37	12,380.0	-1,962.9	-719.6	1,954.8	0.00	0.00	0.00
13,800.0	90.00	179.37	12,380.0	-2,062.8	-718.5	2,054.8	0.00	0.00	0.00
13,900.0	90.00	179.37	12,380.0	-2,162.8	-717.4	2,154.8	0.00	0.00	0.00
14,000.0	90.00	179.37	12,380.0	-2,262.8	-716.3	2,254.8	0.00	0.00	0.00
14,100.0	90.00	179.37	12,380.0	-2,362.8	-715.3	2,354.8	0.00	0.00	0.00
14,200.0	90.00	179.37	12,380.0	-2,462.8	-714.2	2,454.8	0.00	0.00	0.00
14,300.0	90.00	179.37	12,380.0	-2,562.8	-713.1	2,554.8	0.00	0.00	0.00
14,400.0	90.00	179.37	12,380.0	-2,662.8	-712.0	2,654.8	0.00	0.00	0.00
14,500.0	90.00	179.37	12,380.0	-2,762.8	-710.9	2,754.8	0.00	0.00	0.00
14,600.0	90.00	179.37	12,380.0	-2,862.8	-709.8	2,854.8	0.00	0.00	0.00
14,700.0	90.00	179.37	12,380.0	-2,962.8	-708.7	2,954.8	0.00	0.00	0.00
14,800.0	90.00	179.37	12,380.0	-3,062.8	-707.6	3,054.8	0.00	0.00	0.00
14,900.0	90.00	179.37	12,380.0	-3,162.8	-706.5	3,154.8	0.00	0.00	0.00
15,000.0	90.00	179.37	12,380.0	-3,262.8	-705.4	3,254.8	0.00	0.00	0.00
15,100.0	90.00	179.37	12,380.0	-3,362.8	-704.3	3,354.8	0.00	0.00	0.00
15,200.0	90.00	179.37	12,380.0	-3,462.8	-703.3	3,454.8	0.00	0.00	0.00
15,300.0	90.00	179.37	12,380.0	-3,562.8	-702.2	3,554.8	0.00	0.00	0.00
15,400.0	90.00	179.37	12,380.0	-3,662.8	-701.1	3,654.8	0.00	0.00	0.00
15,500.0	90.00	179.37	12,380.0	-3,762.7	-700.0	3,754.8	0.00	0.00	0.00
15,600.0	90.00	179.37	12,380.0	-3,862.7	-698.9	3,854.8	0.00	0.00	0.00
15,700.0	90.00	179.37	12,380.0	-3,962.7	-697.8	3,954.8	0.00	0.00	0.00
15,800.0	90.00	179.37	12,380.0	-4,062.7	-696.7	4,054.8	0.00	0.00	0.00
15,900.0	90.00	179.37	12,380.0	-4,162.7	-695.6	4,154.8	0.00	0.00	0.00
16,000.0	90.00	179.37	12,380.0	-4,262.7	-694.5	4,254.8	0.00	0.00	0.00
16,100.0	90.00	179.37	12,380.0	-4,362.7	-693.4	4,354.8	0.00	0.00	0.00
16,200.0	90.00	179.37	12,380.0	-4,462.7	-692.3	4,454.8	0.00	0.00	0.00
16,300.0	90.00	179.37	12,380.0	-4,562.7	-691.3	4,554.8	0.00	0.00	0.00
16,400.0	90.00	179.37	12,380.0	-4,662.7	-690.2	4,654.8	0.00	0.00	0.00
16,500.0	90.00	179.37	12,380.0	-4,762.7	-689.1	4,754.8	0.00	0.00	0.00
16,600.0	90.00	179.37	12,380.0	-4,862.7	-688.0	4,854.8	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3005.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3005.5usft
Site:	Guss	**North Reference:**	Grid
Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	BLM Plan #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,700.0	90.00	179.37	12,380.0	-4,962.7	-686.9	4,954.8	0.00	0.00	0.00
16,800.0	90.00	179.37	12,380.0	-5,062.7	-685.8	5,054.8	0.00	0.00	0.00
16,900.0	90.00	179.37	12,380.0	-5,162.7	-684.7	5,154.8	0.00	0.00	0.00
17,000.0	90.00	179.37	12,380.0	-5,262.7	-683.6	5,254.8	0.00	0.00	0.00
17,100.0	90.00	179.37	12,380.0	-5,362.6	-682.5	5,354.8	0.00	0.00	0.00
17,200.0	90.00	179.37	12,380.0	-5,462.6	-681.4	5,454.8	0.00	0.00	0.00
17,300.0	90.00	179.37	12,380.0	-5,562.6	-680.3	5,554.8	0.00	0.00	0.00
17,400.0	90.00	179.37	12,380.0	-5,662.6	-679.3	5,654.8	0.00	0.00	0.00
17,456.4	90.00	179.37	12,380.0	-5,719.0	-678.6	5,711.2	0.00	0.00	0.00
BPP1 - Guss Fed Com 0731 #213H									
17,500.0	90.00	179.37	12,380.0	-5,762.6	-678.2	5,754.8	0.00	0.00	0.00
17,600.0	90.00	179.37	12,380.0	-5,862.6	-677.1	5,854.8	0.00	0.00	0.00
17,700.0	90.00	179.37	12,380.0	-5,962.6	-676.0	5,954.8	0.00	0.00	0.00
17,800.0	90.00	179.37	12,380.0	-6,062.6	-674.9	6,054.8	0.00	0.00	0.00
17,900.0	90.00	179.37	12,380.0	-6,162.6	-673.8	6,154.8	0.00	0.00	0.00
18,000.0	90.00	179.37	12,380.0	-6,262.6	-672.7	6,254.8	0.00	0.00	0.00
18,100.0	90.00	179.37	12,380.0	-6,362.6	-671.6	6,354.8	0.00	0.00	0.00
18,200.0	90.00	179.37	12,380.0	-6,462.6	-670.5	6,454.8	0.00	0.00	0.00
18,300.0	90.00	179.37	12,380.0	-6,562.6	-669.4	6,554.8	0.00	0.00	0.00
18,400.0	90.00	179.37	12,380.0	-6,662.6	-668.3	6,654.8	0.00	0.00	0.00
18,500.0	90.00	179.37	12,380.0	-6,762.6	-667.3	6,754.8	0.00	0.00	0.00
18,600.0	90.00	179.37	12,380.0	-6,862.6	-666.2	6,854.8	0.00	0.00	0.00
18,700.0	90.00	179.37	12,380.0	-6,962.6	-665.1	6,954.8	0.00	0.00	0.00
18,800.0	90.00	179.37	12,380.0	-7,062.5	-664.0	7,054.8	0.00	0.00	0.00
18,900.0	90.00	179.37	12,380.0	-7,162.5	-662.9	7,154.8	0.00	0.00	0.00
19,000.0	90.00	179.37	12,380.0	-7,262.5	-661.8	7,254.8	0.00	0.00	0.00
19,100.0	90.00	179.37	12,380.0	-7,362.5	-660.7	7,354.8	0.00	0.00	0.00
19,200.0	90.00	179.37	12,380.0	-7,462.5	-659.6	7,454.8	0.00	0.00	0.00
19,300.0	90.00	179.37	12,380.0	-7,562.5	-658.5	7,554.8	0.00	0.00	0.00
19,400.0	90.00	179.37	12,380.0	-7,662.5	-657.4	7,654.8	0.00	0.00	0.00
19,500.0	90.00	179.37	12,380.0	-7,762.5	-656.3	7,754.8	0.00	0.00	0.00
19,600.0	90.00	179.37	12,380.0	-7,862.5	-655.3	7,854.8	0.00	0.00	0.00
19,700.0	90.00	179.37	12,380.0	-7,962.5	-654.2	7,954.8	0.00	0.00	0.00
19,800.0	90.00	179.37	12,380.0	-8,062.5	-653.1	8,054.8	0.00	0.00	0.00
19,900.0	90.00	179.37	12,380.0	-8,162.5	-652.0	8,154.8	0.00	0.00	0.00
20,000.0	90.00	179.37	12,380.0	-8,262.5	-650.9	8,254.8	0.00	0.00	0.00
20,100.0	90.00	179.37	12,380.0	-8,362.5	-649.8	8,354.8	0.00	0.00	0.00
20,200.0	90.00	179.37	12,380.0	-8,462.5	-648.7	8,454.8	0.00	0.00	0.00
20,300.0	90.00	179.37	12,380.0	-8,562.5	-647.6	8,554.8	0.00	0.00	0.00
20,400.0	90.00	179.37	12,380.0	-8,662.5	-646.5	8,654.8	0.00	0.00	0.00
20,500.0	90.00	179.37	12,380.0	-8,762.4	-645.4	8,754.8	0.00	0.00	0.00
20,600.0	90.00	179.37	12,380.0	-8,862.4	-644.3	8,854.8	0.00	0.00	0.00
20,700.0	90.00	179.37	12,380.0	-8,962.4	-643.3	8,954.8	0.00	0.00	0.00
20,800.0	90.00	179.37	12,380.0	-9,062.4	-642.2	9,054.8	0.00	0.00	0.00
20,900.0	90.00	179.37	12,380.0	-9,162.4	-641.1	9,154.8	0.00	0.00	0.00
21,000.0	90.00	179.37	12,380.0	-9,262.4	-640.0	9,254.8	0.00	0.00	0.00
21,100.0	90.00	179.37	12,380.0	-9,362.4	-638.9	9,354.8	0.00	0.00	0.00
21,200.0	90.00	179.37	12,380.0	-9,462.4	-637.8	9,454.8	0.00	0.00	0.00
21,300.0	90.00	179.37	12,380.0	-9,562.4	-636.7	9,554.8	0.00	0.00	0.00
21,400.0	90.00	179.37	12,380.0	-9,662.4	-635.6	9,654.8	0.00	0.00	0.00
21,500.0	90.00	179.37	12,380.0	-9,762.4	-634.5	9,754.8	0.00	0.00	0.00
21,600.0	90.00	179.37	12,380.0	-9,862.4	-633.4	9,854.8	0.00	0.00	0.00
21,700.0	90.00	179.37	12,380.0	-9,962.4	-632.3	9,954.8	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3005.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3005.5usft
Site:	Guss	**North Reference:**	Grid
Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	BLM Plan #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
21,800.0	90.00	179.37	12,380.0	-10,062.4	-631.3	10,054.8	0.00	0.00	0.00
21,900.0	90.00	179.37	12,380.0	-10,162.4	-630.2	10,154.8	0.00	0.00	0.00
22,000.0	90.00	179.37	12,380.0	-10,262.4	-629.1	10,254.8	0.00	0.00	0.00
22,100.0	90.00	179.37	12,380.0	-10,362.4	-628.0	10,354.8	0.00	0.00	0.00
22,200.0	90.00	179.37	12,380.0	-10,462.3	-626.9	10,454.8	0.00	0.00	0.00
22,300.0	90.00	179.37	12,380.0	-10,562.3	-625.8	10,554.8	0.00	0.00	0.00
22,400.0	90.00	179.37	12,380.0	-10,662.3	-624.7	10,654.8	0.00	0.00	0.00
22,500.0	90.00	179.37	12,380.0	-10,762.3	-623.6	10,754.8	0.00	0.00	0.00
22,600.0	90.00	179.37	12,380.0	-10,862.3	-622.5	10,854.8	0.00	0.00	0.00
22,700.0	90.00	179.37	12,380.0	-10,962.3	-621.4	10,954.8	0.00	0.00	0.00
22,745.7	90.00	179.37	12,380.0	-11,008.0	-620.9	11,000.5	0.00	0.00	0.00
BPP2 - Guss Fed Com 0731 #213H									
22,800.0	90.00	179.37	12,380.0	-11,062.3	-620.3	11,054.8	0.00	0.00	0.00
22,900.0	90.00	179.37	12,380.0	-11,162.3	-619.3	11,154.8	0.00	0.00	0.00
23,000.0	90.00	179.37	12,380.0	-11,262.3	-618.2	11,254.8	0.00	0.00	0.00
23,100.0	90.00	179.37	12,380.0	-11,362.3	-617.1	11,354.8	0.00	0.00	0.00
23,200.0	90.00	179.37	12,380.0	-11,462.3	-616.0	11,454.8	0.00	0.00	0.00
23,300.0	90.00	179.37	12,380.0	-11,562.3	-614.9	11,554.8	0.00	0.00	0.00
23,400.0	90.00	179.37	12,380.0	-11,662.3	-613.8	11,654.8	0.00	0.00	0.00
23,500.0	90.00	179.37	12,380.0	-11,762.3	-612.7	11,754.8	0.00	0.00	0.00
23,600.0	90.00	179.37	12,380.0	-11,862.3	-611.6	11,854.8	0.00	0.00	0.00
23,700.0	90.00	179.37	12,380.0	-11,962.3	-610.5	11,954.8	0.00	0.00	0.00
23,800.0	90.00	179.37	12,380.0	-12,062.3	-609.4	12,054.8	0.00	0.00	0.00
23,900.0	90.00	179.37	12,380.0	-12,162.2	-608.3	12,154.8	0.00	0.00	0.00
24,000.0	90.00	179.37	12,380.0	-12,262.2	-607.3	12,254.8	0.00	0.00	0.00
24,100.0	90.00	179.37	12,380.0	-12,362.2	-606.2	12,354.8	0.00	0.00	0.00
24,200.0	90.00	179.37	12,380.0	-12,462.2	-605.1	12,454.8	0.00	0.00	0.00
24,300.0	90.00	179.37	12,380.0	-12,562.2	-604.0	12,554.8	0.00	0.00	0.00
24,400.0	90.00	179.37	12,380.0	-12,662.2	-602.9	12,654.8	0.00	0.00	0.00
24,500.0	90.00	179.37	12,380.0	-12,762.2	-601.8	12,754.8	0.00	0.00	0.00
24,600.0	90.00	179.37	12,380.0	-12,862.2	-600.7	12,854.8	0.00	0.00	0.00
24,700.0	90.00	179.37	12,380.0	-12,962.2	-599.6	12,954.8	0.00	0.00	0.00
24,800.0	90.00	179.37	12,380.0	-13,062.2	-598.5	13,054.8	0.00	0.00	0.00
24,900.0	90.00	179.37	12,380.0	-13,162.2	-597.4	13,154.8	0.00	0.00	0.00
25,000.0	90.00	179.37	12,380.0	-13,262.2	-596.3	13,254.8	0.00	0.00	0.00
25,100.0	90.00	179.37	12,380.0	-13,362.2	-595.3	13,354.8	0.00	0.00	0.00
25,200.0	90.00	179.37	12,380.0	-13,462.2	-594.2	13,454.8	0.00	0.00	0.00
25,300.0	90.00	179.37	12,380.0	-13,562.2	-593.1	13,554.8	0.00	0.00	0.00
25,383.8	90.00	179.37	12,380.0	-13,646.0	-592.2	13,638.7	0.00	0.00	0.00
BPP3 - Guss Fed Com 0731 #213H									
25,400.0	90.00	179.37	12,380.0	-13,662.2	-592.0	13,654.8	0.00	0.00	0.00
25,500.0	90.00	179.37	12,380.0	-13,762.1	-590.9	13,754.8	0.00	0.00	0.00
25,600.0	90.00	179.37	12,380.0	-13,862.1	-589.8	13,854.8	0.00	0.00	0.00
25,700.0	90.00	179.37	12,380.0	-13,962.1	-588.7	13,954.8	0.00	0.00	0.00
25,800.0	90.00	179.37	12,380.0	-14,062.1	-587.6	14,054.8	0.00	0.00	0.00
25,900.0	90.00	179.37	12,380.0	-14,162.1	-586.5	14,154.8	0.00	0.00	0.00
26,000.0	90.00	179.37	12,380.0	-14,262.1	-585.4	14,254.8	0.00	0.00	0.00
26,100.0	90.00	179.37	12,380.0	-14,362.1	-584.3	14,354.8	0.00	0.00	0.00
26,200.0	90.00	179.37	12,380.0	-14,462.1	-583.3	14,454.8	0.00	0.00	0.00
26,300.0	90.00	179.37	12,380.0	-14,562.1	-582.2	14,554.8	0.00	0.00	0.00
26,400.0	90.00	179.37	12,380.0	-14,662.1	-581.1	14,654.8	0.00	0.00	0.00
26,500.0	90.00	179.37	12,380.0	-14,762.1	-580.0	14,754.8	0.00	0.00	0.00
26,600.0	90.00	179.37	12,380.0	-14,862.1	-578.9	14,854.8	0.00	0.00	0.00
26,700.0	90.00	179.37	12,380.0	-14,962.1	-577.8	14,954.8	0.00	0.00	0.00

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3005.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3005.5usft
Site:	Guss	**North Reference:**	Grid
Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	BLM Plan #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
26,800.0	90.00	179.37	12,380.0	-15,062.1	-576.7	15,054.8	0.00	0.00	0.00
26,900.0	90.00	179.37	12,380.0	-15,162.1	-575.6	15,154.8	0.00	0.00	0.00
27,000.0	90.00	179.37	12,380.0	-15,262.1	-574.5	15,254.8	0.00	0.00	0.00
27,100.0	90.00	179.37	12,380.0	-15,362.1	-573.4	15,354.8	0.00	0.00	0.00
27,200.0	90.00	179.37	12,380.0	-15,462.0	-572.3	15,454.8	0.00	0.00	0.00
27,300.0	90.00	179.37	12,380.0	-15,562.0	-571.3	15,554.8	0.00	0.00	0.00
27,400.0	90.00	179.37	12,380.0	-15,662.0	-570.2	15,654.8	0.00	0.00	0.00
27,500.0	90.00	179.37	12,380.0	-15,762.0	-569.1	15,754.8	0.00	0.00	0.00
27,600.0	90.00	179.37	12,380.0	-15,862.0	-568.0	15,854.8	0.00	0.00	0.00
27,700.0	90.00	179.37	12,380.0	-15,962.0	-566.9	15,954.8	0.00	0.00	0.00
27,800.0	90.00	179.37	12,380.0	-16,062.0	-565.8	16,054.8	0.00	0.00	0.00
27,900.0	90.00	179.37	12,380.0	-16,162.0	-564.7	16,154.8	0.00	0.00	0.00
28,000.0	90.00	179.37	12,380.0	-16,262.0	-563.6	16,254.8	0.00	0.00	0.00
28,100.0	90.00	179.37	12,380.0	-16,362.0	-562.5	16,354.8	0.00	0.00	0.00
28,200.0	90.00	179.37	12,380.0	-16,462.0	-561.4	16,454.8	0.00	0.00	0.00
28,300.0	90.00	179.37	12,380.0	-16,562.0	-560.3	16,554.8	0.00	0.00	0.00
28,400.0	90.00	179.37	12,380.0	-16,662.0	-559.3	16,654.8	0.00	0.00	0.00
28,500.0	90.00	179.37	12,380.0	-16,762.0	-558.2	16,754.8	0.00	0.00	0.00
28,600.0	90.00	179.37	12,380.0	-16,862.0	-557.1	16,854.8	0.00	0.00	0.00
28,700.0	90.00	179.37	12,380.0	-16,962.0	-556.0	16,954.8	0.00	0.00	0.00
28,800.0	90.00	179.37	12,380.0	-17,062.0	-554.9	17,054.8	0.00	0.00	0.00
28,900.0	90.00	179.37	12,380.0	-17,161.9	-553.8	17,154.8	0.00	0.00	0.00
29,000.0	90.00	179.37	12,380.0	-17,261.9	-552.7	17,254.8	0.00	0.00	0.00
29,100.0	90.00	179.37	12,380.0	-17,361.9	-551.6	17,354.8	0.00	0.00	0.00
29,200.0	90.00	179.37	12,380.0	-17,461.9	-550.5	17,454.8	0.00	0.00	0.00
29,300.0	90.00	179.37	12,380.0	-17,561.9	-549.4	17,554.8	0.00	0.00	0.00
29,347.1	90.00	179.37	12,380.0	-17,609.0	-548.9	17,601.9	0.00	0.00	0.00
BPP4 - Guss Fed Com 0731 #213H									
29,400.0	90.00	179.37	12,380.0	-17,661.9	-548.3	17,654.8	0.00	0.00	0.00
29,500.0	90.00	179.37	12,380.0	-17,761.9	-547.3	17,754.8	0.00	0.00	0.00
29,600.0	90.00	179.37	12,380.0	-17,861.9	-546.2	17,854.8	0.00	0.00	0.00
29,700.0	90.00	179.37	12,380.0	-17,961.9	-545.1	17,954.8	0.00	0.00	0.00
29,800.0	90.00	179.37	12,380.0	-18,061.9	-544.0	18,054.8	0.00	0.00	0.00
29,900.0	90.00	179.37	12,380.0	-18,161.9	-542.9	18,154.8	0.00	0.00	0.00
30,000.0	90.00	179.37	12,380.0	-18,261.9	-541.8	18,254.8	0.00	0.00	0.00
30,100.0	90.00	179.37	12,380.0	-18,361.9	-540.7	18,354.8	0.00	0.00	0.00
30,200.0	90.00	179.37	12,380.0	-18,461.9	-539.6	18,454.8	0.00	0.00	0.00
30,300.0	90.00	179.37	12,380.0	-18,561.9	-538.5	18,554.8	0.00	0.00	0.00
30,337.3	90.00	179.37	12,380.0	-18,599.1	-538.1	18,592.1	0.00	0.00	0.00
TD at 30337.3 - BHL - Guss Fed Com 0731 #213H									

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3005.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3005.5usft
Site:	Guss	**North Reference:**	Grid
Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	BLM Plan #2		

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP - Guss Fed Com 07 - plan hits target center - Point	0.00	0.00	11,807.0	-445.9	-485.6	383,580.00	819,600.00	32° 3' 1.365 N	103° 18' 6.509 W
FTP - Guss Fed Com 07 - plan hits target center - Point	0.00	0.00	12,124.8	-539.0	-509.8	383,486.88	819,575.78	32° 3' 0.446 N	103° 18' 6.801 W
BPP1 - Guss Fed Com 0 - plan hits target center - Point	0.00	0.00	12,380.0	-5,719.0	-678.6	378,306.88	819,406.95	32° 2' 9.206 N	103° 18' 9.336 W
BPP2 - Guss Fed Com 0 - plan hits target center - Point	0.00	0.01	12,380.0	-11,008.0	-620.9	373,017.88	819,464.65	32° 1' 16.865 N	103° 18' 9.252 W
BPP3 - Guss Fed Com 0 - plan hits target center - Point	0.00	0.01	12,380.0	-13,646.0	-592.2	370,379.88	819,493.43	32° 0' 50.759 N	103° 18' 9.210 W
BHL - Guss Fed Com 07 - plan hits target center - Point	0.00	0.00	12,380.0	-18,599.1	-538.1	365,426.75	819,547.47	32° 0' 1.742 N	103° 18' 9.131 W
BPP4 - Guss Fed Com 0 - plan hits target center - Point	0.00	0.00	12,380.0	-17,609.0	-548.9	366,416.88	819,536.67	32° 0' 11.541 N	103° 18' 9.147 W

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,321.0	1,321.0	Rustler		0.00	179.37
1,833.4	1,833.0	Salado		0.00	179.37
3,132.0	3,129.0	Castile		0.00	179.37
5,183.7	5,176.0	G26: Bell Cyn.		0.00	179.37
6,142.0	6,132.0	G13: Cherry Cyn.		0.00	179.37
7,280.6	7,268.0	G7: Brushy Cyn.		0.00	179.37
8,453.3	8,438.0	G4: BSGL (CS9)		0.00	179.37
8,716.9	8,701.0	L6.3: Avalon Carb		0.00	179.37
9,811.4	9,793.0	L5.1: FBSG		0.00	179.37
9,922.7	9,904.0	L4.3: SBSC		0.00	179.37
10,290.5	10,271.0	L4.1: SBSG		0.00	179.37
10,585.2	10,565.0	L3.3: TBSC		0.00	179.37
11,789.7	11,767.0	L3.1: TBSG		0.00	179.37
12,017.0	11,991.0	L2: WFMP A		0.00	179.37
12,076.2	12,046.0	WFMP A FAT		0.00	179.37

Planning Report

Database:	EDM 5000.14 Single User Db	**Local Co-ordinate Reference:**	Well Guss Fed Com 0731 #213H
Company:	Matador Production Company	**TVD Reference:**	KB @ 3005.5usft
Project:	Antelope Ridge	**MD Reference:**	KB @ 3005.5usft
Site:	Guss	**North Reference:**	Grid
Well:	Guss Fed Com 0731 #213H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	BLM Plan #2		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
1,500.0	1,500.0	0.0	0.0	Start Build 1.50
1,766.7	1,766.5	6.0	-7.1	Start DLS 1.00 TFO -133.27
2,299.6	2,298.5	5.1	-34.2	Start 9270.6 hold at 2299.6 MD
11,570.2	11,547.7	-439.7	-479.4	Start Drop -1.50
11,829.7	11,807.0	-445.9	-485.6	Start Build 10.00
12,729.7	12,380.0	-1,000.4	-629.8	Start DLS 2.00 TFO -90.00
13,489.9	12,380.0	-1,752.8	-721.9	Start 16847.3 hold at 13489.9 MD
30,337.3	12,380.0	-18,599.1	-538.1	TD at 30337.3

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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 One Lincoln Centre Dallas, TX 75240	228937
	Action Number: 536959
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	Cement is required to circulate on both surface and intermediate1 strings of casing.	12/24/2025
matthew.gomez	If cement does not circulate to surface on any string, a Cement Bond Log (CBL) is required for that string of casing, if a CBL is unable to indicate sufficient cement coverage due to a lighter cement, a USI log may also be required. If strata isolation is not achieved, remediation will be required before further operations may commence.	12/24/2025
matthew.gomez	All conducted logs must be submitted to the OCD.	12/24/2025
matthew.gomez	Cement must be in place for at least eight hours and achieve a minimum compressive strength of 500 PSI before performing any further operations on the well.	12/24/2025
matthew.gomez	Prior to production of this well a change to the well name/number is required to comply with the OCD well naming convention.	12/24/2025
matthew.gomez	This well is within the Capitan Reef. The first intermediate casing string shall be sat and cemented back to surface immediately below the base of the Capitan Reef.	12/24/2025
matthew.gomez	In Capitan Reef areas if lost circulation (50% or greater) occurs below the base of the salt, the operator shall switch to freshwater mud until the intermediate casing is set. (The operator shall notify NMOCD of this switch.)	12/24/2025
matthew.gomez	Notify the OCD 24 hours prior to casing & cement.	12/24/2025
matthew.gomez	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.	12/24/2025
matthew.gomez	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.	12/24/2025
matthew.gomez	File As Drilled C-102 and a directional Survey with C-104 completion packet.	12/24/2025
matthew.gomez	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.	12/24/2025
matthew.gomez	Original wellbore must be plugged in accordance with OCD regulations.	12/24/2025
matthew.gomez	Well has been skid. Previous API # 30-025-55291. Current API # 30-025-55693.	12/29/2025