

<b>Well Name:</b> BLUE CHIP 14 FEDERAL COM	<b>Well Location:</b> T21S / R32E / SEC 11 / SESE / 32.4887739 / -103.6375902	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 702H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM14155	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b>	<b>Operator:</b> MATADOR PRODUCTION COMPANY	

**Notice of Intent**

**Sundry ID:** 2894469

**Type of Submission:** Notice of Intent

**Type of Action:** APD Change

**Date Sundry Submitted:** 02/04/2026

**Time Sundry Submitted:** 04:47

**Date proposed operation will begin:** 02/09/2026

**Procedure Description:** BLM Bond No. NMB001079 Surety Bond No. RLB0015172 Matador request the option to amend the well design of the Blue Chip 14 Fed Com #702H and make the following changes to the current APD: - Change well SHL from 955' FSL & 209' FEL section 11 to 984' FSL & 320' FEL section 11 - Modify casing set depths as shown on the casing and cementing table. Cement volumes will be adjusted accordingly.

**NOI Attachments**

**Procedure Description**

- Blue\_Chip\_14\_Fed\_Com\_702H\_Directional\_Wall\_Plot\_20260204164355.pdf
- LO\_BLUE\_CHIP\_14\_FED\_COM\_702H\_REV7\_S\_signed\_20260204164355.pdf
- Blue\_Chip\_14\_Fed\_Com\_702H\_Drill\_Plan\_with\_Sundry\_Info\_20260204164355.pdf
- Blue\_Chip\_14\_Fed\_Com\_702H\_Directional\_AC\_Report\_20260204164355.pdf
- Blue\_Chip\_14\_Fed\_Com\_702H\_Directional\_Well\_Plan\_20260204164354.pdf

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

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**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

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**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:**

**Operator:** MATADOR PRODUCTION COMPANY

### Conditions of Approval

#### Additional

BLUE\_CHIP\_14\_FEDERAL\_COM\_702H\_Sundry\_2894469\_COA\_20260217131508.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:** ADDISON FISHER

**Signed on:** FEB 04, 2026 04:43 PM

**Name:** MATADOR PRODUCTION COMPANY

**Title:** Surface Land

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

**City:** DALLAS

**State:** TX

**Phone:** (972) 371-5236

**Email address:** ADDISON.FISHER@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:** 02/20/2026

**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.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		11. Country or Parish, State

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

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

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

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

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

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

## GENERAL INSTRUCTIONS

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

## SPECIFIC INSTRUCTIONS

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

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

## NOTICES

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

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

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

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

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

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

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

Response to this request is mandatory.

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

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

## Additional Information

### Location of Well

0. SHL: SESE / 955 FSL / 209 FEL / TWSP: 21S / RANGE: 32E / SECTION: 11 / LAT: 32.4887739 / LONG: -103.6375902 ( TVD: 0 feet, MD: 0 feet )  
PPP: NENE / 100 FNL / 600 FEL / TWSP: 21S / RANGE: 32E / SECTION: 14 / LAT: 32.4858727 / LONG: -103.6388565 ( TVD: 12311 feet, MD: 12377 feet )  
PPP: NESE / 0 FSL / 599 FEL / TWSP: 21S / RANGE: 32E / SECTION: 14 / LAT: 32.4716343 / LONG: -103.638864 ( TVD: 12650 feet, MD: 17743 feet )  
PPP: SENE / 2639 FSL / 599 FEL / TWSP: 21S / RANGE: 32E / SECTION: 14 / LAT: 32.4788884 / LONG: -103.6388602 ( TVD: 12650 feet, MD: 15082 feet )  
PPP: NESE / 1319 FSL / 599 FEL / TWSP: 21S / RANGE: 32E / SECTION: 14 / LAT: 32.4752613 / LONG: -103.6388621 ( TVD: 12650 feet, MD: 16425 feet )  
PPP: SENE / 2642 FNL / 600 FEL / TWSP: 21S / RANGE: 32E / SECTION: 23 / LAT: 32.4643725 / LONG: -103.6388678 ( TVD: 12650 feet, MD: 20385 feet )  
BHL: SESE / 110 FSL / 600 FEL / TWSP: 21S / RANGE: 32E / SECTION: 23 / LAT: 32.4574111 / LONG: -103.6388714 ( TVD: 12650 feet, MD: 22919 feet )

CONFIDENTIAL

## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

<b>OPERATOR'S NAME:</b>	MATADOR PRODUCTION COMPANY
<b>WELL NAME &amp; NO.:</b>	BLUE CHIP 14 FEDERAL COM 702H
<b>APD ID:</b>	10400088010
<b>LOCATION:</b>	Section 11, T21S, R32E. NMP.
<b>COUNTY:</b>	<input type="text" value="Lea County, New Mexico"/>

COA

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

**SEE ORIGINAL COA FOR ALL OTHER REQUIREMENTS.**

*APD is within the R-111-Q defined boundary. Operator must follow all applicable procedures and requirements listed within the Order No. R-111-Q.*

### A. CASING PROGRAM

**Note:** The Surface casing set depth was adjusted per BLM geologist's recommendation.

1. The **20-inch** surface casing shall be set at approximately **1,700** ft. (a minimum of 70 feet into the Rustler Anhydrite, above the salt, and below usable fresh water) and cemented to the surface. **If salt is encountered, set casing at least 25 ft. above the salt.**
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic-type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
  - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or **500 psi compressive strength**, whichever is greater. (This is to include the lead cement)
  - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after

- bringing cement to surface or 500 pounds compressive strength, whichever is greater.
- d. If cement falls back, remedial cementing will be done prior to drilling out that string.

**Note:** The Surface casing must be kept fluid-filled to meet the BLM's minimum requirement for collapse design safety factor.

2. The **13-3/8** inch 1<sup>st</sup> intermediate casing shall be set in a competent bed at approximately **3,388 ft.** The minimum required fill of cement behind the **13-3/8** inch intermediate casing is:

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

**Option 2 (Two-Stage):** The operator has proposed to utilize a DV tool. Operator may adjust depth of DV tool if needed, adjust cement volumes accordingly. The DV tool may be cancelled if cement circulates to surface on the first stage.

- a. **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.
- b. **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, and Potash. Excess cement for the 2<sup>nd</sup> stage is below %25. More cement might be needed.**

**Note:** The 1<sup>st</sup> Intermediate casing must be kept fluid-filled to meet the BLM's minimum requirement for collapse design safety factor.

3. The **9-5/8** inch 2<sup>nd</sup> intermediate casing shall be set in a competent bed at approximately **5,113 ft.** The minimum required fill of cement behind the **9-5/8** inch intermediate casing is:

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

**Option 2 (Two-Stage):** The operator has proposed to utilize a DV tool. Operator may adjust depth of DV tool if needed, adjust cement volumes accordingly. The DV tool may be cancelled if cement circulates to surface on the first stage.

- a. **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.
- b. **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, and Potash**. Excess cement for the 2<sup>nd</sup> stage is below %25. More cement might be needed.

**Note:** The 2<sup>nd</sup> Intermediate casing must be kept fluid-filled to meet the BLM's minimum requirement for collapse design safety factor.

- ❖ **Special Capitan Reef Requirement:** Ensure freshwater based mud is used across the Capitan interval.
4. The 7-5/8 inch 3<sup>rd</sup> intermediate casing (**P-110 EC with VAM SPRINT SF connections**) shall be set in a competent bed at approximately **12,014 ft.** (11,927 ft. TVD). The minimum required fill of cement behind the 7-5/8 inch intermediate casing is:
- Operator has proposed to cement the 3<sup>rd</sup> intermediate casing in two stages by conventionally cementing the first stage and performing a bradenhead squeeze on the second stage within 180 days after well completion in accordance with the R-111-Q guidelines.
    - a. First stage: Operator will cement 3<sup>rd</sup> intermediate casing with intent to bring cement to top of Brushy Canyon formation.
    - b. Second stage: Operator will perform bradenhead squeeze within 180 days after completion per R-111-Q requirements. Cement shall be tie-back **at least 500 ft. into the 2<sup>nd</sup> intermediate casing shoe and below the Marker Bed 126**. If cement does not circulate, the appropriate BLM office shall be notified.
  - ❖ Operator has proposed an open annulus completion in R-111-Q. Operator shall provide a method of verification pre-completion top of cement. **Submit results to the BLM.**
  - ❖ **Operator must verify top of cement per R-111-Q requirements.** Submit results to the BLM. If cement does not circulate, contact the appropriate BLM office. If cement does not tie-back at least 500 ft. into the previous casing shoe, the appropriate BLM office shall be notified.
  - ❖ A monitored open annulus will be incorporated during completion by leaving the 3<sup>rd</sup> Intermediate Casing x 2<sup>nd</sup> Intermediate Casing annulus un-cemented and monitored. Operator must follow **all** monitoring requirements listed within R-111-Q. Tieback shall be met within **180 days**.
  - ❖ **In the event of a casing failure during completion**, the operator must contact the BLM engineer at (575-706-2779) and inspection staff (575-393-3612 Lea County).
5. Operator has proposed to set 5-1/2 inch production casing at approximately **22,973 ft.** (12,650 ft. TVD). The minimum required fill of cement behind the 5-1/2 inch 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.**

## GENERAL REQUIREMENTS

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

- Spudding well (minimum of 24 hours)
- Setting and/or Cementing of all casing strings (minimum of 4 hours)
- 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.

- 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.
  - 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).
  - When the operator proposes to set surface casing with Spudder Rig
    - Notify the BLM when moving in and removing the Spudder Rig.
    - Notify the BLM when moving in the 2<sup>nd</sup> Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
    - BOP/BOPE test to be conducted per **43 CFR 3172** as soon as 2<sup>nd</sup> Rig is rigged up on well.
- 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.
- 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

- The current acceptable methods of cement verification are as follows:
  - Observing cement circulated to surface,
  - Cement Bond Log (CBL),
  - Temperature log within 8-10 hours after completing the cement job,
  - 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 02/17/2026**



SURVEY PROGRAM

Depth From 0.0  
 Depth To 22973.1  
 Survey/Plan BLM Plan #1 (Wellbore #1)  
 Tool MWD

WELL DETAILS: Blue Chip 14 Fed Com #702H

GL @ 3857.0  
 KB @ 3881.5usft  
 +N/-S -0.1  
 +E/-W 0.0  
 Northing 542213.87  
 Easting 714568.11  
 Latitude 32° 29' 19.438 N  
 Longitude 103° 38' 14.846 W  
 Slot

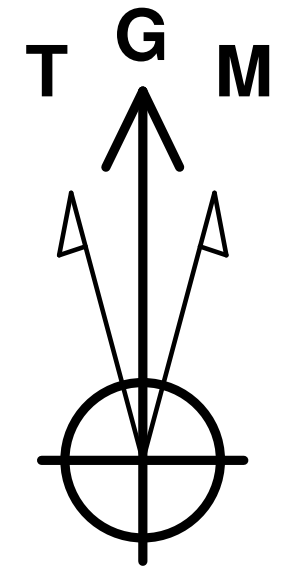
DESIGN TARGET DETAILS

**Company: Matador Production Company**  
**Well: Blue Chip 14 Fed Com #702H**  
**County: Lea County, NM**  
**Wellbore: Wellbore #1**  
**Plan: BLM Plan #1**  
**Date: 2/4/2026**

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL - Blue Chip 14 Fed Com #702H	12650.0	-11441.3	-271.9	530772.65	714296.28	32° 27' 26.242 N	103° 38' 18.889 W
BPP1 - Blue Chip 14 Fed Com #702H	12650.0	-3628.0	-65.8	538585.94	714502.34	32° 28' 43.543 N	103° 38' 15.890 W
BPP2 - Blue Chip 14 Fed Com #702H	12650.0	-4947.0	-311.9	537266.94	714256.20	32° 28' 30.508 N	103° 38' 18.863 W
BPP3 - Blue Chip 14 Fed Com #702H	12650.0	-6267.0	-303.8	535946.94	714264.35	32° 28' 17.445 N	103° 38' 18.869 W
BPP4 - Blue Chip 14 Fed Com #702H	12650.0	-8909.0	-287.5	533304.94	714280.65	32° 27' 51.301 N	103° 38' 18.879 W
FPP - Blue Chip 14 Fed Com #702H	12309.3	-1087.0	-331.7	541126.94	714236.47	32° 29' 8.704 N	103° 38' 18.800 W
KOP - Blue Chip 14 Fed Com #702H	12077.0	-1037.9	-335.1	541176.00	714233.00	32° 29' 9.190 N	103° 38' 18.837 W

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

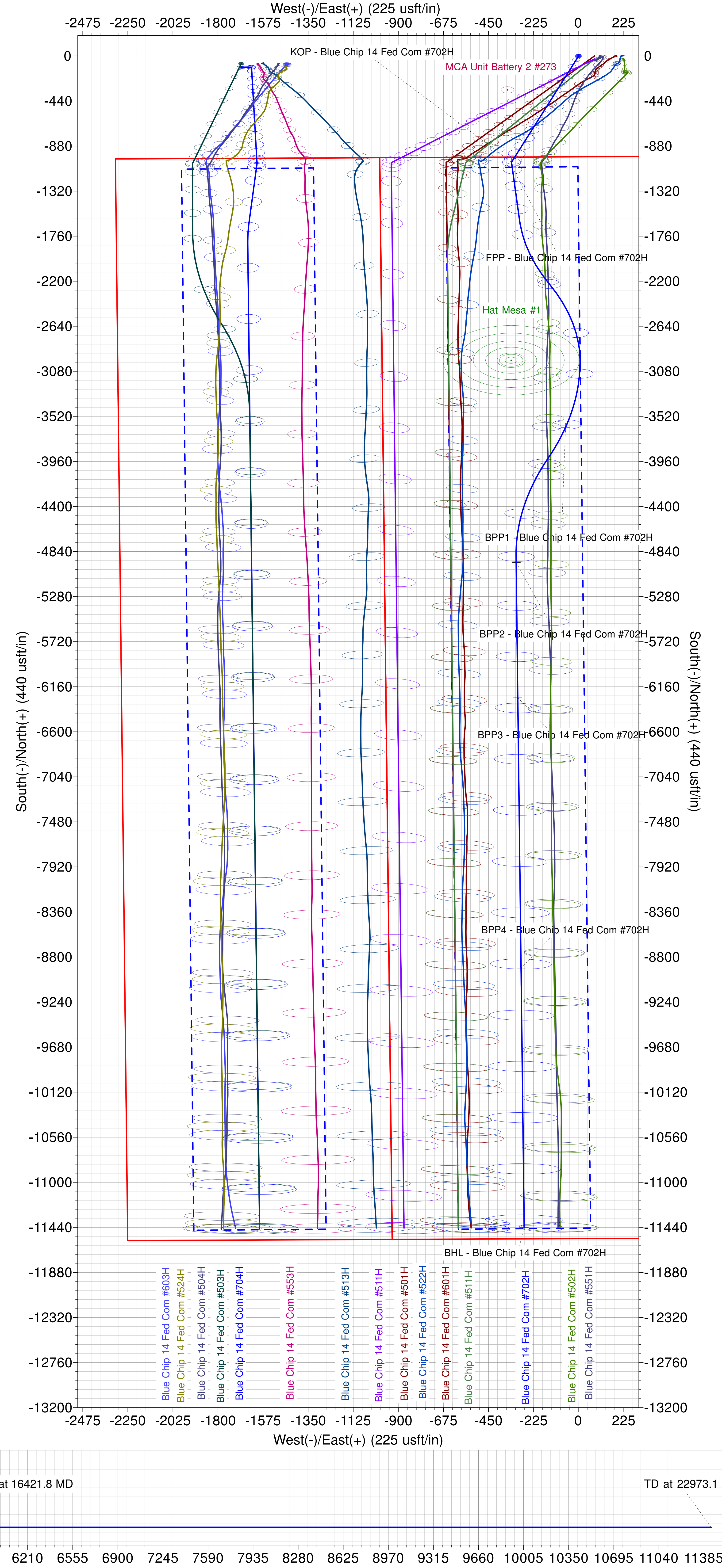
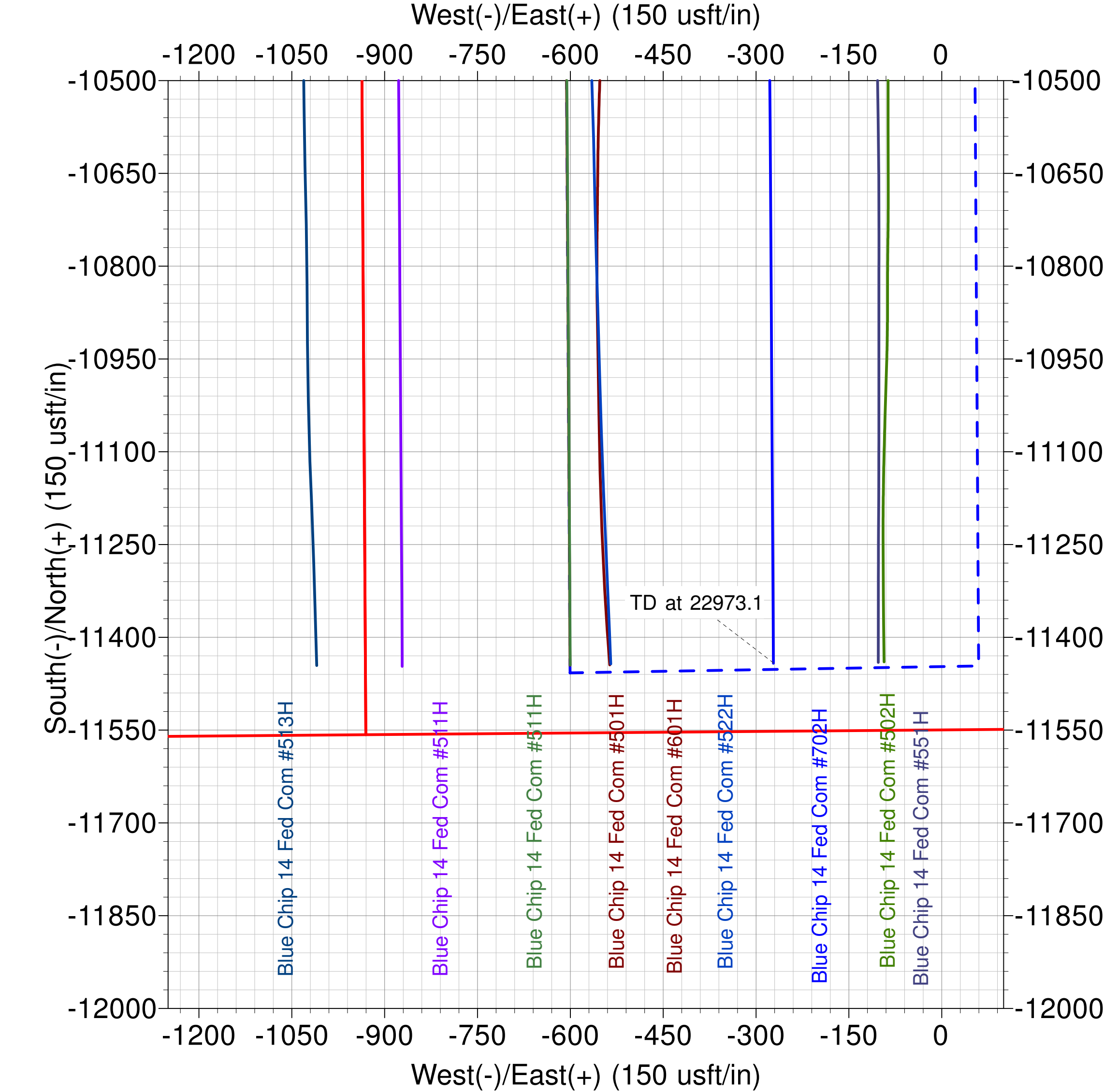
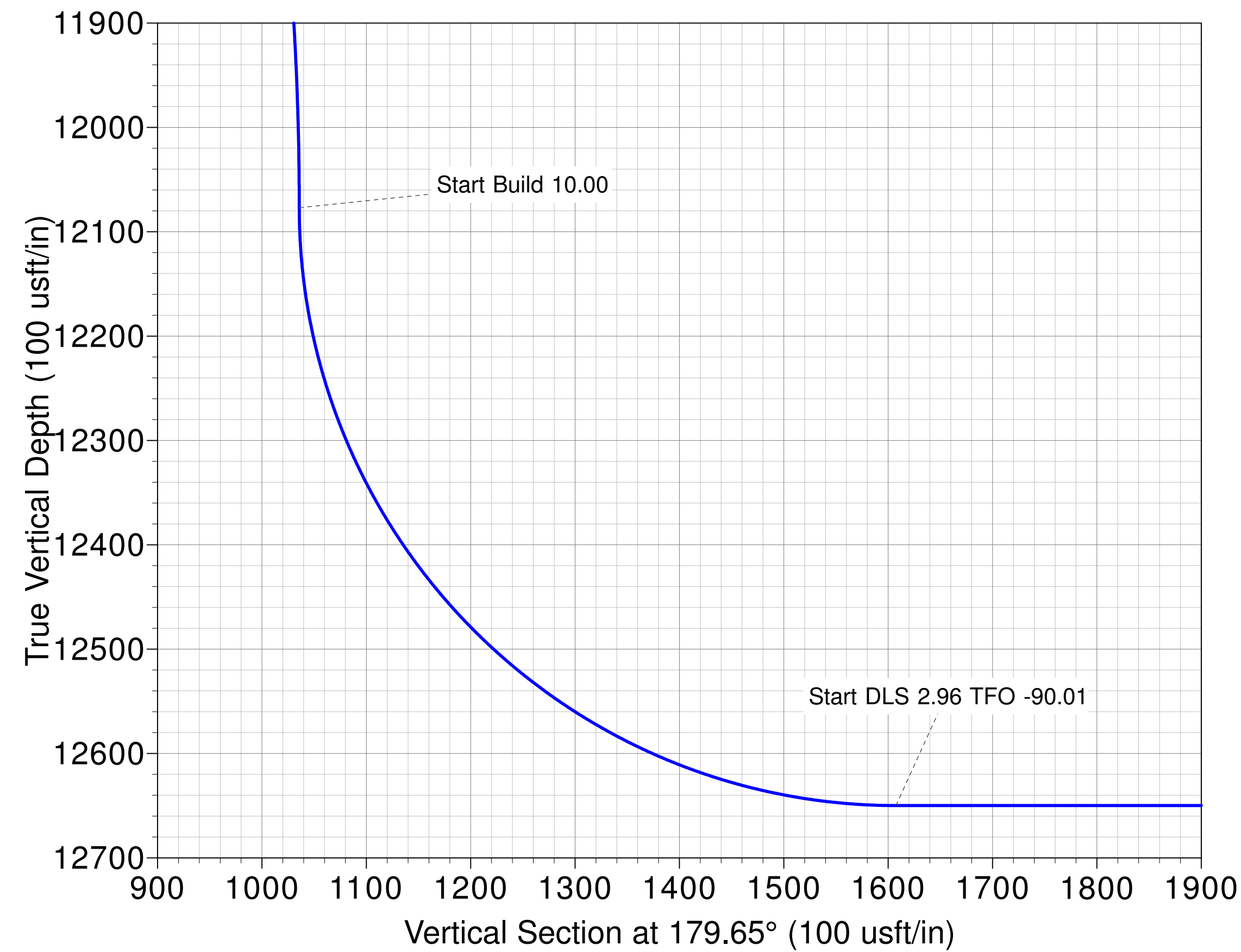
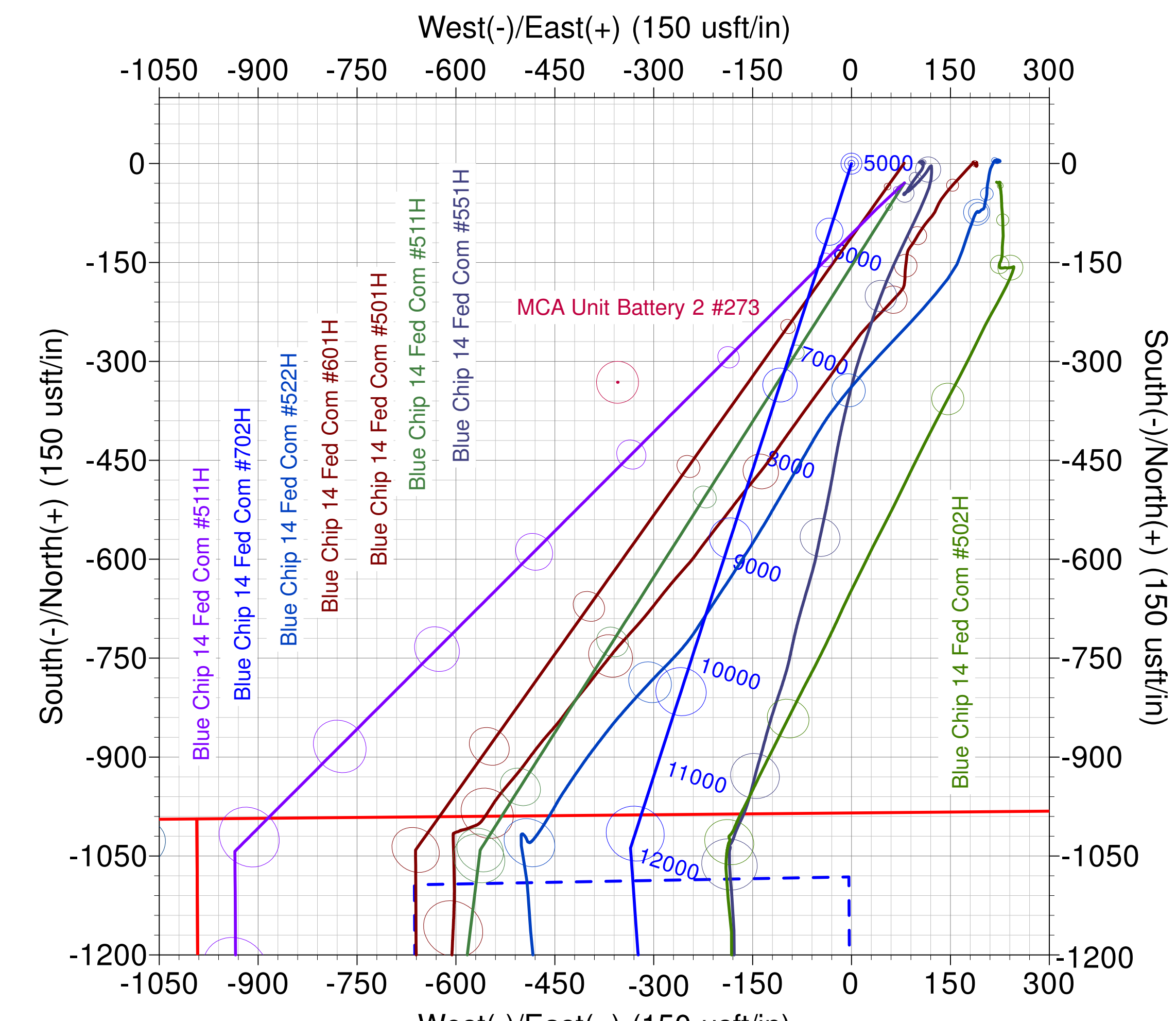
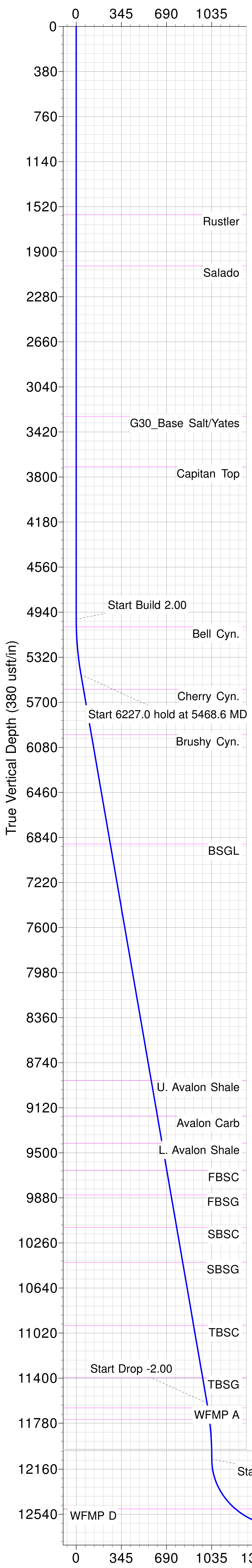
To convert a Magnetic Direction to a Grid Direction, Add 5.95°  
 To convert a Magnetic Direction to a True Direction, Add 6.32° East  
 To convert a True Direction to a Grid Direction, Subtract 0.37°



Azimuths to Grid North  
 True North: -0.37°  
 Magnetic North: 5.95°  
 Magnetic Field  
 Strength: 47440.9snT  
 Dip Angle: 60.21°  
 Date: 9/15/2023  
 Model: IGRF2015

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.0	0.00	0.00	0.0	-0.1	0.0	0.00	0.00	0.0	
5000.0	0.00	0.00	5000.0	-0.1	0.0	0.00	0.00	0.0	Start Build 2.00
5468.6	9.37	197.89	5466.6	-36.5	-11.8	2.00	197.89	36.3	Start 6227.0 hold at 5468.6 MD
11695.7	9.37	197.89	11610.4	-1001.5	-323.4	0.00	0.00	999.5	Start Drop -2.00
12164.3	0.00	0.00	12077.0	-1037.9	-335.1	2.00	180.00	1035.8	Start Build 10.00
13064.3	90.00	175.95	12650.0	-1609.5	-294.7	10.00	175.95	1607.6	Start DLS 2.96 TFO -90.01
13702.6	90.00	157.04	12650.0	-2227.2	-146.3	2.96	-90.01	2226.2	Start DLS 2.96 TFO 89.99
14467.4	90.00	179.70	12650.0	-2971.5	6.9	2.96	89.99	2971.4	Start Turn 2.00
15443.3	90.00	199.22	12650.0	-3929.5	-152.7	2.00	90.00	3928.4	Start DLS 2.00 TFO -90.00
16421.8	90.00	179.65	12650.0	-4890.1	-312.3	2.00	-90.00	4888.0	Start 6551.3 hold at 16421.8 MD
22973.1	90.00	179.65	12650.0	-11441.3	-271.9	0.00	0.00	11439.3	TD at 22973.1



<b>C-102</b> Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type: <input type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>NA</b>	Pool Code <b>98033</b>	Pool Name <b>WC-025 G-10 S2133280;WOLFCAMP</b>
Property Code <b>NA</b>	Property Name <b>BLUE CHIP 14 FED COM</b>	Well Number <b>702H</b>
OGRID No. <b>228937</b>	Operator Name <b>MATADOR PRODUCTION COMPANY</b>	Ground Level Elevation <b>3857'</b>
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> 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
P	11	21-S	32-E	-	984' S	320' E	N 32.4888537	W 103.6379473	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
P	23	21-S	32-E	-	110' S	661' E	N 32.4574108	W 103.6390691	LEA

Dedicated Acres <b>320</b>	Infill or Defining Well <b>Defining</b>	Defining Well API <b>NA</b>	Overlapping Spacing Unit (Y/N) <b>N..</b>	Consolidated Code <b>C</b>
Order Numbers <b>R-23706</b>			Well Setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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
A	14	21-S	32-E	-	50' N	661' E	N 32.4860097	W 103.6390542	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
A	14	21-S	32-E	-	100' N	661' E	N 32.4858722	W 103.6390543	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
P	23	21-S	32-E	-	110' S	661' E	N 32.4574108	W 103.6390691	LEA

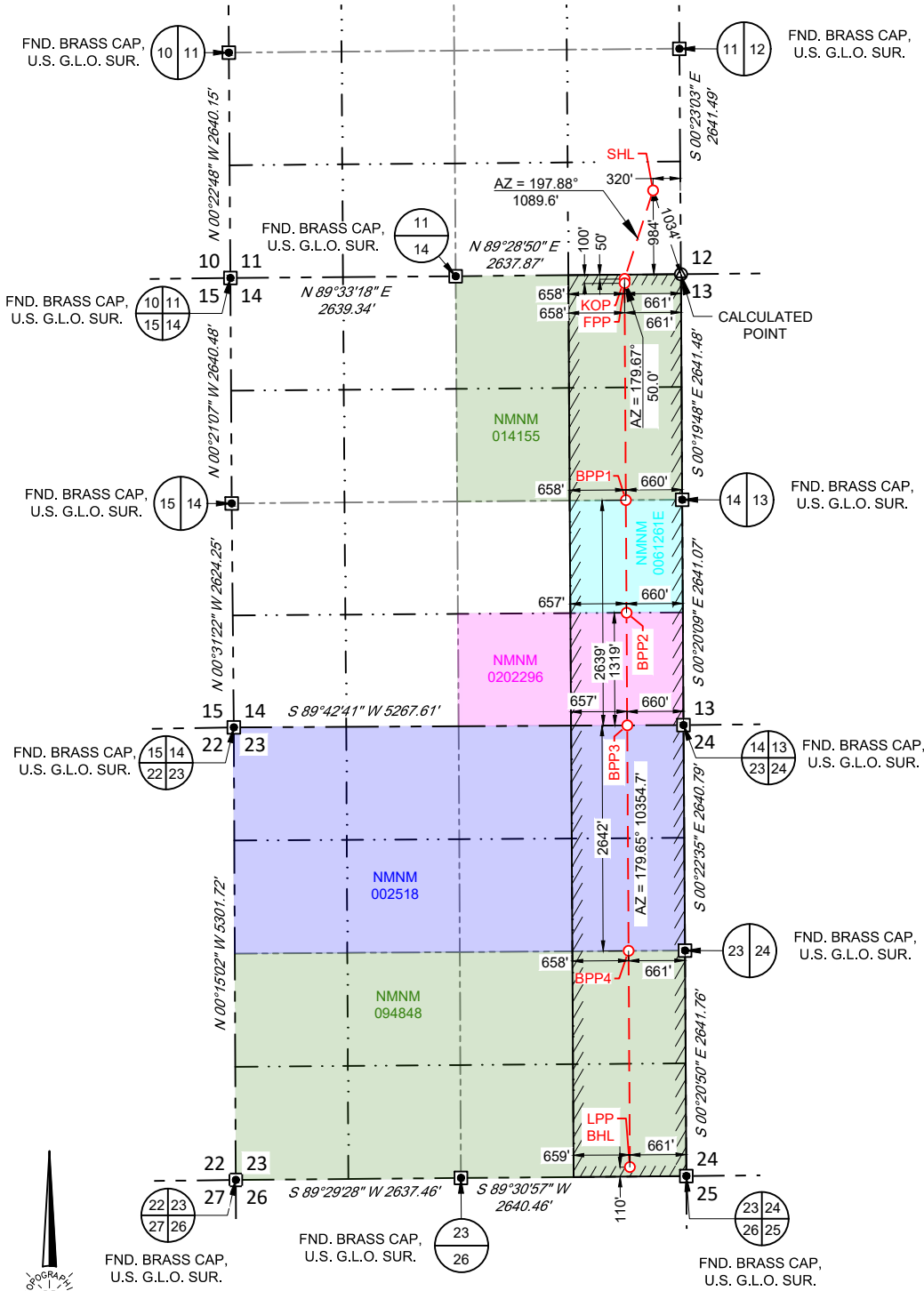
Unitized Area or Area of Uniform Interest <b>E2E2 Sec. 14 &amp; 23, 21S-32E</b>	Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation <b>3885</b> '
--	--	---

<p><b>OPERATOR CERTIFICATION</b></p> <p><i>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.</i></p> <p><i>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.</i></p> <p style="font-size: 1.2em; font-family: cursive;"><i>Addison Fisher</i></p>	<p><b>SURVEYORS CERTIFICATION</b></p> <p><i>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.</i></p> <div style="text-align: center;">  </div>
Signature <b>Addison Fisher</b>	Signature and Seal of Professional Surveyor
Date	Date
Print Name <b>addison.fisher@matadorresources.com</b>	Certificate Number
E-mail Address	Date of Survey <b>01/31/2026</b>





SECTION 11, TOWNSHIP 21-S, RANGE 32-E, N.M.P.M. LEA COUNTY, NEW MEXICO



**SURFACE LOCATION (SHL)**

NEW MEXICO EAST  
NAD 1983  
X=755750 Y=542275  
LAT.: N 32.4888537  
LONG.: W 103.6379473  
984' FSL 320' FEL

**KICK OFF POINT (KOP)**

NEW MEXICO EAST  
NAD 1983  
X=755415 Y=541238  
LAT.: N 32.4860097  
LONG.: W 103.6390542  
50' FNL 661' FEL

**FIRST PERF. POINT (FPP)**

NEW MEXICO EAST  
NAD 1983  
X=755415 Y=541188  
LAT.: N 32.4858722  
LONG.: W 103.6390543  
100' FNL 661' FEL

**BLM PERF. POINT (BPP1)**

NEW MEXICO EAST  
NAD 1983  
X=755431 Y=538647  
LAT.: N 32.4788881  
LONG.: W 103.6390580  
2639' FSL 660' FEL

**BLM PERF. POINT (BPP2)**

NEW MEXICO EAST  
NAD 1983  
X=755439 Y=537327  
LAT.: N 32.4752613  
LONG.: W 103.6390599  
1319' FSL 660' FEL

**BLM PERF. POINT (BPP3)**

NEW MEXICO EAST  
NAD 1983  
X=755447 Y=536008  
LAT.: N 32.4716345  
LONG.: W 103.6390618  
0' FNL 660' FEL

**BLM PERF. POINT (BPP4)**

NEW MEXICO EAST  
NAD 1983  
X=755463 Y=533366  
LAT.: N 32.4643724  
LONG.: W 103.6390655  
2642' FNL 661' FEL

**LAST PERF. POINT (LPP)  
BOTTOM HOLE LOCATION (BHL)**

NEW MEXICO EAST  
NAD 1983  
X=755478 Y=530833  
LAT.: N 32.4574108  
LONG.: W 103.6390691  
110' FSL 661' FEL

LEASE NAME & WELL NO.: BLUE CHIP 14 FED COM 702H

SECTION 11 TWP 21-S RGE 32-E SURVEY N.M.P.M.  
COUNTY LEA STATE NM  
DESCRIPTION 984' FSL & 320' FEL

DISTANCE & DIRECTION  
FROM INT. OF US-180 E/US-62 E & NM-176 E, GO SOUTHEAST ON NM-176 E ±6.4 MILES. THENCE SOUTH (RIGHT) ON A PROPOSED RD. ±2.7 MILES TO A POINT ±457 FEET SOUTHWEST OF THE LOCATION.



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



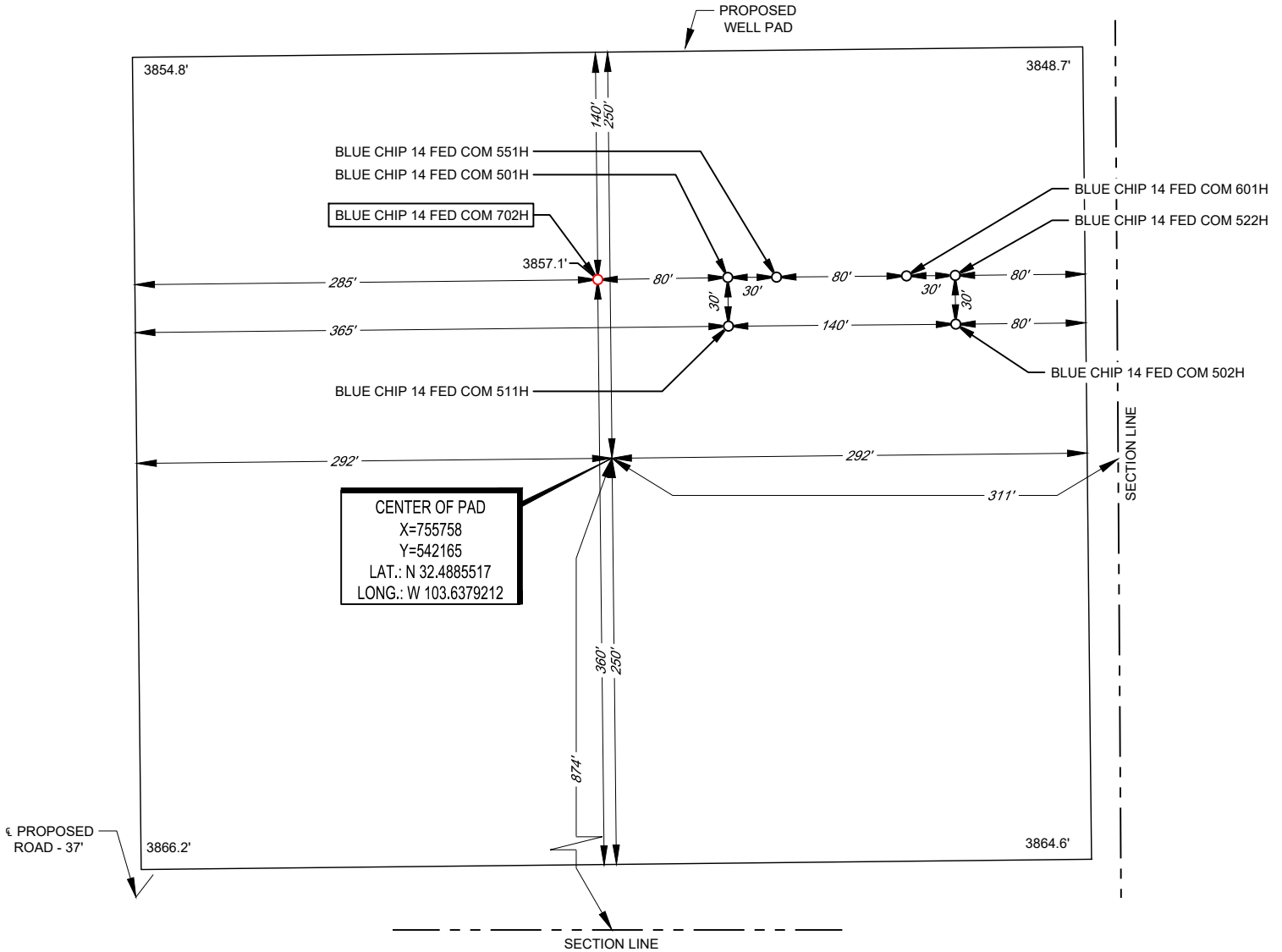
481 WINSOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126  
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554  
808 WEST INDIANA • MIDLAND, TEXAS 79701  
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743  
WWW.TOPOGRAPHIC.COM



LEGEND

- SECTION LINE
- PROPOSED ROAD

SECTION 11, TOWNSHIP 21-S, RANGE 32-E, N.M.P.M.  
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: BLUE CHIP 14 FED COM 702H  
 702H LATITUDE N 32.4885537 702H LONGITUDE W 103.6379473

CENTER OF PAD IS 874' FSL & 311' FEL

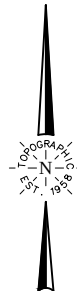


Angel M. Baeza, P.S. No. 25116

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'



481 WINSOTT ROAD, Ste. 200 • BENBROOK, TEXAS 76126  
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554  
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TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743  
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**Blue Chip 14 Fed Com 702H**  
**SHL: 984' FSL & 320' FEL Section 11**  
**BHL: 110' FSL & 661' FEL Section 23**  
**Township/Range: 21S 32E**  
**Elevation Above Sea Level: 3857**

**Drilling Operation Plan**

**Sundry Request**

Matador request the option to amend the well design of the Blue Chip 14 Fed Com #702H and make the following changes to the current APD:

- Change well SHL from 955' FSL & 209' FEL section 11 to 984' FSL & 320' FEL section 11
- Modify casing set depths as shown on the casing and cementing table. Cement volumes will be adjusted accordingly

Proposed Drilling Depth: 22973' MD / 12650' TVD

Type of well: Horizontal well, no pilot hole

Permitted Well Type: Oil

Geologic Name of Surface Formation: Quaternary Deposits

KOP Lat/Long (NAD83): 32.4860097 N / -103.6390542 W

TD Lat/Long (NAD83): 32.4574108 N / -103.6390691 W

**1. Estimated Tops**

Formation	MD (ft)	TVD (ft)	Thickness (ft)	Lithology	Resource
Rustler	1,585	1,585	435	Anhydrite	Barren
Salado (Top of Salt)	2,020	2,020	1,268	Salt	Barren
Lamar (Base of Salt)	3,288	3,288	426	Salt	Barren
Capitan	3,714	3,714	1,349	Limestone	Barren
Bell Canyon	5,063	5,063	528	Sandstone	Oil/Natural Gas
Cherry Canyon	5,594	5,591	382	Sandstone	Oil/Natural Gas
Brushy Canyon	5,982	5,973	922	Sandstone	Oil/Natural Gas
Bone Spring Lime	6,917	6,895	1,993	Limestone	Oil/Natural Gas
Upper Avalon Shale	8,936	8,888	301	Shale	Oil/Natural Gas
Avalon Carb	9,242	9,189	229	Carbonate	Oil/Natural Gas
Lower Avalon Shale	9,473	9,418	229	Shale	Oil/Natural Gas
1st Bone Spring Carb	9,705	9,647	208	Carbonate	Oil/Natural Gas
1st Bone Spring Sand	9,916	9,855	274	Sandstone	Oil/Natural Gas
2nd Bone Spring Carb	10,194	10,129	295	Carbonate	Oil/Natural Gas
2nd Bone Spring Sand	10,493	10,424	534	Sandstone	Oil/Natural Gas
3rd Bone Spring Carb	11,035	10,958	439	Carbonate	Oil/Natural Gas
3rd Bone Spring Sand	11,479	11,397	254	Sandstone	Oil/Natural Gas
Wolfcamp A	11,736	11,651	99	Shale	Oil/Natural Gas
Wolfcamp B	11,836	11,750	745	Shale	Oil/Natural Gas
<b>KOP</b>	<b>12,164</b>	<b>12,077</b>	-	<b>Shale</b>	<b>Oil/Natural Gas</b>
Wolfcamp D	12,633	12,495	-	Shale	Oil/Natural Gas
<b>TD</b>	<b>22,973</b>	<b>12,650</b>	-	<b>Shale</b>	<b>Oil/Natural Gas</b>

**2. Notable Zones**

Wolfcamp D 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 420'.

### **3. Pressure Control**

#### Equipment

Matador requests a variance for a 2M annular to be installed after running 20" casing.

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, Intermediate 3 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 Cementing - Surface Casing" Procedure is attached for review. No changes in cement program are necessary.

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

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

Matador request the option to utilize a spudder rig for setting surface and intermediate 1 casing strings.

**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	26	0 - 1655	0 - 1655	20	94	J-55	BUTT	1.125	1.125	1.8
Intermediate 1	17.5	0 - 3388	0 - 3388	13.375	54.5	J-55	BUTT	1.125	1.125	1.8
Intermediate 2	12.25	0 - 5113	0 - 5113	9.625	40	J-55	BUTT	1.125	1.125	1.8
Intermediate 3	8.75	0 - 12014	0 - 11927	7.625	29.7	P-110 EC	VAM Sprint SF	1.125	1.125	1.8
Production	6.75	0 - 22973	0 - 12650	5.5	20	P-110	Hunting TLW	1.125	1.125	1.8

- All casing strings will be tested in accordance with Title 43 CFR 3172.7(b)(8)

- All applicable R-111-Q regulations will be adhered to

- 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.

**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	1740	1.72	2988	13.5	50%	0	C	5% NaCl + LCM
	Tail	600	1.38	827	14.8	50%	1324	C	5% NaCl + LCM
Intermediate 1 w/ DV @ 1705'	Stg 2 Tail	970	1.78	1725	13.5	10%	0	C	10% NaCl + 1% MgO + LCM
	Stg 1 Lead	1550	1.84	2859	12.5	50%	0	C	10% NaCl + 1% MgO + LCM
	Stg 1 Tail	560	1.33	741	14.8	50%	2710	C	10% NaCl + 1% MgO + LCM
Intermediate 2 w/ DV @ 3438'	Stg 2 Tail	700	1.78	1246	13.5	10%	0	C	5% NaCl + LCM
	Stg 1 Lead	180	2.63	469	10.3	35%	0	A/C	Bentonite + 1% CaCL <sub>2</sub> + 8% NaCl + LCM
	Stg 1 Tail	310	1.38	423	13.2	35%	4113	A/C	5% NaCl + LCM
Intermediate 3	Primary	450	1.35	610	14.8	0%	6113	C	10% NaCl + 1% MgO + LCM
Production	Lead	820	1.47	1199	12.5	0%	6917	A/C	Bentonite + 1% CaCL <sub>2</sub> + 8% NaCl + LCM
	Tail	710	1.35	957	13.2	0%	11514	A/C	Fluid Loss + Dispersant + Retarder

**Post-Completion Cement Design - Bradenhead Squeeze**

String	Type	Sacks	Yield	Cu.	Weight	Percent	Top of	Class	Blend
Intermediate 3	Braden-head Squeeze	370	1.35	504	14.8	0%	4613	C	10% NaCl + 1% MgO + LCM

Matador plans to cement the Int. 3 string per R-111-Q.(C).(5).(c).(iii), leaving the annulus open between the 2nd intermediate and production casing strings for 1000' until hydraulic fracturing operations have been concluded, at which point a bradenhead cementing operation will take place, ensuring at least 500' tie-back into 2nd intermediate casing, but not higher than USGS Marker Bed No. 126. TOC for the primary production job will be determined by CBL prior to hydraulic fracturing. As per R-111-Q.(C).(6).(c).(i), the Int. 3 cement will have a zero free fluid and a HTHP fluid loss of 150 ml/30min.

As per R-111-Q.(C).(5).(c), the annulus between int. 3 and production casing will be monitored and designed to relieve pressure from annulus below the failure threshold.

**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	26	Spud Mud	0 - 1655	8.4 - 8.8	28-30	NC
Intermediate 1	17.5	Brine	1655 - 3388	9.8 - 10.2	28-30	NC
Intermediate 2	12.25	Fresh Water	3388 - 5113	8.4 - 8.6	28-30	NC
Intermediate 3	8.75	Cut Brine	5113 - 12014	8.6 - 9.8	28-30	NC
Production	6.75	OBM/Cut Brine	12014 - 22973	11 - 12.5	50-65	<20

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

No core or drill stem test is planned.

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

**7. Down Hole Conditions**

No abnormal pressure or temperature is expected. Bottom hole pressure is 8223 psi. Maximum anticipated surface pressure is 5440 psi. Expected bottom hole temperature is 212 F.

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

# **Matador Production Company**

**Ranger/Arrowhead**

**Blue Chip**

**Blue Chip 14 Fed Com #702H**

**Wellbore #1**

**BLM Plan #1**

## **Anticollision Summary Report**

**04 February, 2026**

Anticollision Summary Report

<b>Company:</b>	Matador Production Company	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Project:</b>	Ranger/Arrowhead	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Reference Site:</b>	Blue Chip	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site Error:</b>	0.0 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	BLM Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	BLM Plan #1		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	Stations	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 10,000.0 usft	<b>Error Surface:</b>	Pedal Curve
<b>Warning Levels Evaluated at:</b>	2.00 Sigma	<b>Casing Method:</b>	Not applied

<b>Survey Tool Program</b>	<b>Date</b>	2/4/2026		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.0	22,973.1	BLM Plan #1 (Wellbore #1)	MWD	OWSG MWD - Standard

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance		Separation Factor	Warning
			Between Centres (usft)	Between Ellipses (usft)		
<b>Offset Well - Wellbore - Design</b>						
<b>Big Game</b>						
Big Bull Fed Com #305H - Wellbore #1 - BLM Plan #1	11,101.5	16,014.4	1,991.0	1,853.8	14.512	CC, ES
Big Bull Fed Com #305H - Wellbore #1 - BLM Plan #1	11,200.0	16,029.6	1,993.4	1,855.6	14.468	SF
Big Bull Fed Com #305H - Wellbore #1 - Wellbore #1	11,133.8	16,257.6	2,014.7	1,876.6	14.593	CC, ES
Big Bull Fed Com #305H - Wellbore #1 - Wellbore #1	11,200.0	16,265.6	2,015.7	1,877.3	14.560	SF
Big Bull Fed Com #602H - Wellbore #1 - BLM Plan #1	14,094.0	17,793.2	2,377.3	2,217.4	14.865	CC, ES, SF
Big Bull Fed Com #602H - Wellbore #1 - Wellbore #1	14,095.7	17,911.0	2,387.0	2,225.1	14.746	CC, ES, SF
<b>Big Moose</b>						
Big Bull Fed Com #132H - Break Sand - Wellbore #1 - S	11,119.0	16,443.3	2,357.0	2,216.0	16.723	CC, ES
Big Bull Fed Com #132H - Break Sand - Wellbore #1 - S	14,200.0	17,722.3	2,601.4	2,444.5	16.582	SF
Big Bull Fed Com #132H - TBSC Shale 2-Well - Wellbore	11,259.6	16,626.7	2,364.1	2,221.6	16.597	CC
Big Bull Fed Com #132H - TBSC Shale 2-Well - Wellbore	11,300.0	16,633.0	2,364.4	2,221.6	16.553	ES
Big Bull Fed Com #132H - TBSC Shale 2-Well - Wellbore	14,200.0	17,883.1	2,528.0	2,367.3	15.737	SF
Big Moose Fed Com #131H - Break Sand - Wellbore #1	11,120.1	16,395.3	1,917.8	1,777.0	13.621	CC, ES
Big Moose Fed Com #131H - Break Sand - Wellbore #1	11,300.0	16,423.1	1,926.0	1,783.9	13.551	SF
Big Moose Fed Com #131H - Break Sand 2-Well - Wellb	11,144.2	16,372.1	1,430.3	1,289.7	10.174	CC, ES
Big Moose Fed Com #131H - Break Sand 2-Well - Wellb	11,200.0	16,380.9	1,431.3	1,290.3	10.148	SF
Big Moose Fed Com #131H - TBSC Shale - Wellbore #1	11,280.3	16,579.0	1,925.9	1,784.1	13.581	CC
Big Moose Fed Com #131H - TBSC Shale - Wellbore #1	11,300.0	16,582.1	1,926.0	1,784.0	13.563	ES
Big Moose Fed Com #131H - TBSC Shale - Wellbore #1	11,400.0	16,597.5	1,929.5	1,786.7	13.511	SF
Big Moose Fed Com #131H - TBSC Shale 2-Well - Wellb	11,301.6	16,557.3	1,435.7	1,293.6	10.106	CC, ES
Big Moose Fed Com #131H - TBSC Shale 2-Well - Wellb	11,400.0	16,572.8	1,439.0	1,296.2	10.079	SF

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

Anticollision Summary Report

<b>Company:</b>	Matador Production Company	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Project:</b>	Ranger/Arrowhead	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Reference Site:</b>	Blue Chip	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site Error:</b>	0.0 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	BLM Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Blue Chip</b>						
Blue Chip 14 Fed Com #501H - Wellbore #1 - BLM Plan	1,516.8	1,519.6	64.7	54.4	6.241	CC, ES
Blue Chip 14 Fed Com #501H - Wellbore #1 - BLM Plan	1,600.0	1,601.6	66.3	55.4	6.042	SF
Blue Chip 14 Fed Com #502H - Wellbore #1 - Final	0.0	1.0	222.0			
Blue Chip 14 Fed Com #502H - Wellbore #1 - Final	6,935.3	6,948.4	249.1	199.7	5.041	ES
Blue Chip 14 Fed Com #502H - Wellbore #1 - Final	7,100.0	7,108.1	252.5	202.0	4.997	SF
Blue Chip 14 Fed Com #503H - Wellbore #1 - BLM Plan	4,000.0	4,006.0	1,685.8	1,657.5	59.683	CC
Blue Chip 14 Fed Com #503H - Wellbore #1 - BLM Plan	4,100.0	4,090.8	1,686.3	1,657.4	58.369	ES
Blue Chip 14 Fed Com #503H - Wellbore #1 - BLM Plan	22,973.8	19,795.5	3,421.1	3,204.9	15.818	SF
Blue Chip 14 Fed Com #504H - Wellbore #1 - Final	196.0	205.0	1,495.7	1,494.6	1,348.792	CC
Blue Chip 14 Fed Com #504H - Wellbore #1 - Final	2,000.0	2,000.6	1,501.0	1,487.1	108.169	ES
Blue Chip 14 Fed Com #504H - Wellbore #1 - Final	22,973.1	20,146.6	3,066.8	2,826.3	12.754	SF
Blue Chip 14 Fed Com #511H - Wellbore #1 - BLM Plan	1,323.3	1,325.0	83.5	74.5	9.304	CC, ES
Blue Chip 14 Fed Com #511H - Wellbore #1 - BLM Plan	10,059.2	10,035.5	447.2	375.5	6.237	SF
Blue Chip 14 Fed Com #511H - Wellbore #1 - BLM Plan	1,685.0	1,688.0	76.2	64.6	6.586	CC
Blue Chip 14 Fed Com #511H - Wellbore #1 - BLM Plan	2,100.0	2,102.8	78.6	64.0	5.410	ES
Blue Chip 14 Fed Com #511H - Wellbore #1 - BLM Plan	22,973.8	23,114.3	635.1	265.9	1.720	SF
Blue Chip 14 Fed Com #513H - Wellbore #1 - Final	9,900.0	9,921.0	908.0	833.7	12.218	SF
Blue Chip 14 Fed Com #513H - Wellbore #1 - Final	9,911.9	9,921.0	907.9	833.6	12.220	CC, ES
Blue Chip 14 Fed Com #522H - Wellbore #1 - Final	7,224.4	7,252.4	98.5	46.9	1.908	CC, ES, SF
Blue Chip 14 Fed Com #524H - Wellbore #1 - Final	717.9	727.0	1,460.1	1,455.5	313.229	CC
Blue Chip 14 Fed Com #524H - Wellbore #1 - Final	10,810.5	10,744.9	1,500.9	1,420.1	18.579	ES
Blue Chip 14 Fed Com #524H - Wellbore #1 - Final	22,973.1	20,929.7	2,389.0	2,113.3	8.664	SF
Blue Chip 14 Fed Com #551H - Wellbore #1 - Final	3,746.1	3,746.3	91.6	65.2	3.477	CC
Blue Chip 14 Fed Com #551H - Wellbore #1 - Final	7,511.9	7,534.0	107.6	54.1	2.009	ES
Blue Chip 14 Fed Com #551H - Wellbore #1 - Final	7,600.0	7,620.8	108.5	54.1	1.996	SF
Blue Chip 14 Fed Com #553H - Wellbore #1 - Final	10,639.6	10,573.0	1,115.6	1,036.0	14.005	CC, ES
Blue Chip 14 Fed Com #553H - Wellbore #1 - Final	22,973.8	21,283.4	1,690.8	1,419.7	6.237	SF
Blue Chip 14 Fed Com #601H - Wellbore #1 - Final	6,524.1	6,516.0	114.4	68.3	2.482	CC, ES
Blue Chip 14 Fed Com #601H - Wellbore #1 - Final	6,600.0	6,590.4	115.0	68.5	2.472	SF
Blue Chip 14 Fed Com #603H - Wellbore #1 - Final	6,120.9	6,054.0	1,422.1	1,379.6	33.463	CC
Blue Chip 14 Fed Com #603H - Wellbore #1 - Final	22,973.8	21,921.0	1,650.9	1,301.8	4.729	ES, SF
Blue Chip 14 Fed Com #704H - Wellbore #1 - BLM Plan	12,163.0	12,157.0	1,270.1	1,179.9	14.092	CC
Blue Chip 14 Fed Com #704H - Wellbore #1 - BLM Plan	22,973.8	22,881.2	1,320.3	933.2	3.411	ES, SF
<b>Hat Mesa</b>						
Hat Mesa #1 - Wellbore #1 - Wellbore #1	14,465.8	12,695.0	344.0	5.9	1.018	Level 2, CC
Hat Mesa #1 - Wellbore #1 - Wellbore #1	14,467.4	12,695.0	344.0	5.9	1.018	Level 2, ES, SF
<b>Offset Ranger Wells</b>						
MCA Unit Battery 2 #273 - Wellbore #1 - Wellbore #1	4,000.0	3,986.5	485.6	436.9	9.961	CC, ES, SF

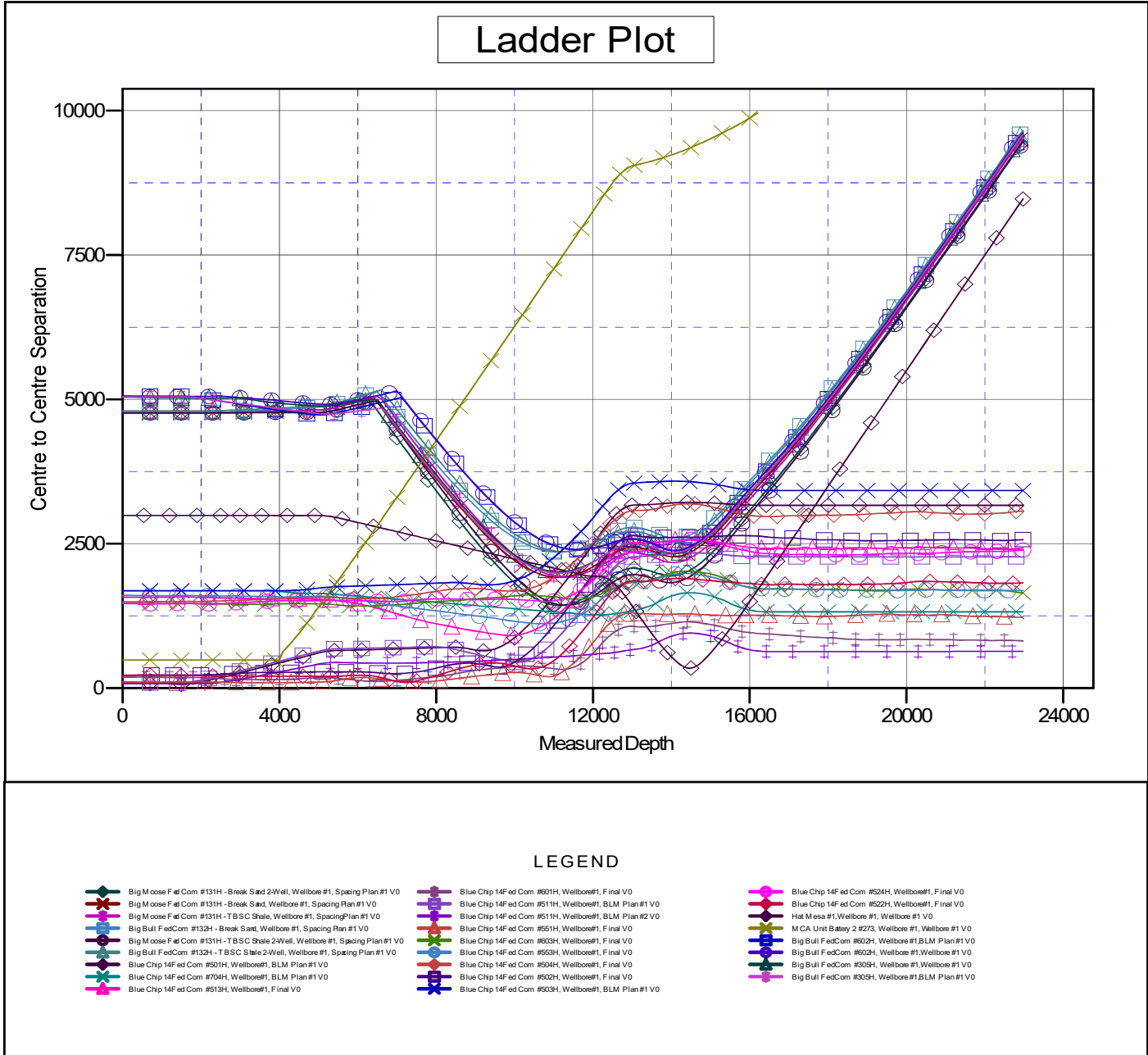
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

Anticollision Summary Report

<b>Company:</b>	Matador Production Company	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Project:</b>	Ranger/Arrowhead	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Reference Site:</b>	Blue Chip	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site Error:</b>	0.0 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	BLM Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KB @ 3881.5usft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: Blue Chip 14 Fed Com #702H  
 Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30  
 Grid Convergence at Surface is: 0.37°



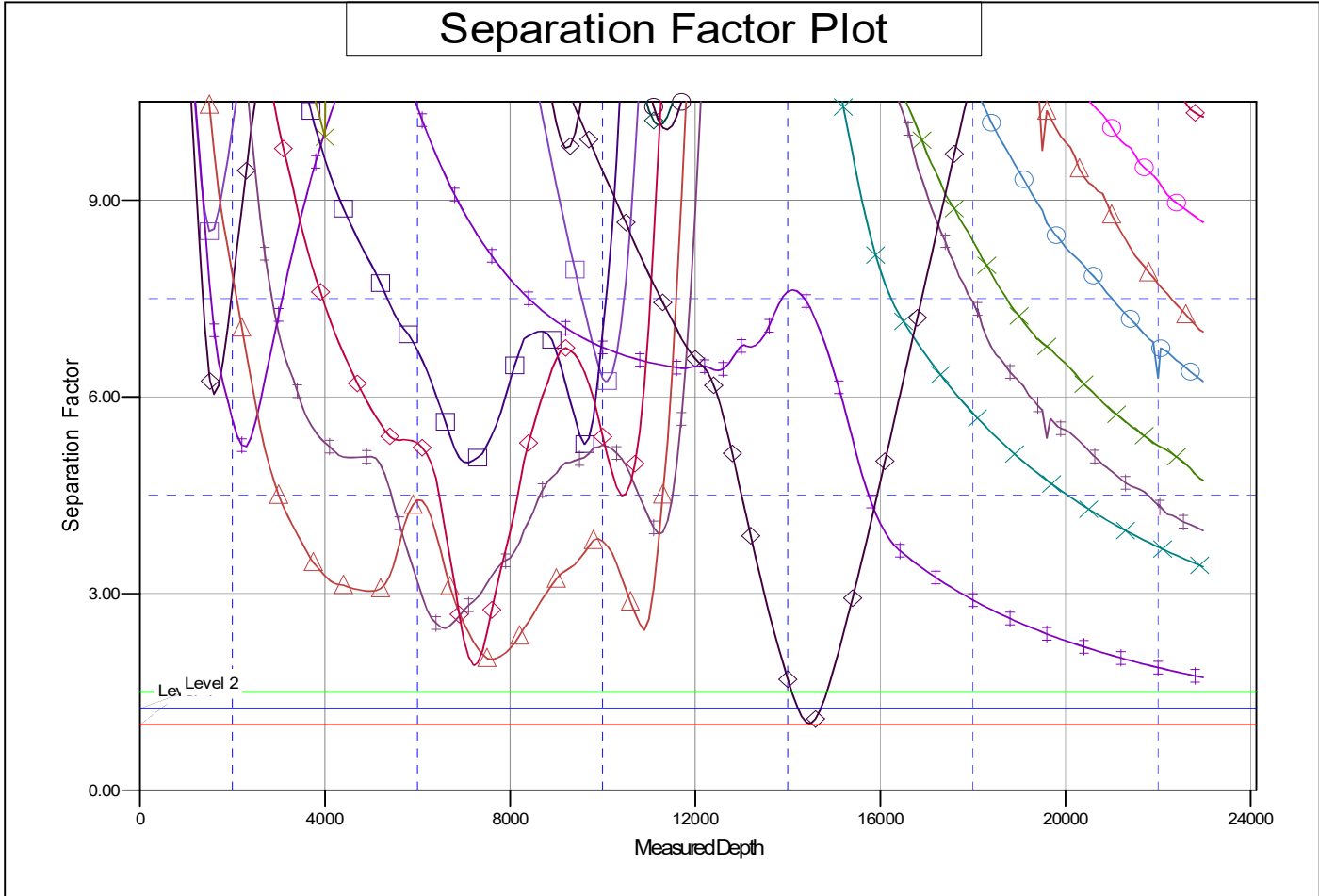
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

### Anticollision Summary Report

<b>Company:</b>	Matador Production Company	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Project:</b>	Ranger/Arrowhead	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Reference Site:</b>	Blue Chip	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site Error:</b>	0.0 usft	<b>North Reference:</b>	Grid
<b>Reference Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0 usft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	BLM Plan #1	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to KB @ 3881.5usft  
 Offset Depths are relative to Offset Datum  
 Central Meridian is 104° 20' 0.000 W

Coordinates are relative to: Blue Chip 14 Fed Com #702H  
 Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 30  
 Grid Convergence at Surface is: 0.37°



#### LEGEND

- |  |  |  |
|--|--|--|
| <ul style="list-style-type: none"> <li>Big Moose Fed Com #131H - Break Sand 2Well, Wellbore #1, Spacing Plan #1 V0</li> <li>Big Moose Fed Com #131H - Break Sand, Wellbore #1, Spacing Plan #1 V0</li> <li>Big Moose Fed Com #131H - TBSC Shale, Wellbore #1, Spacing Plan #1 V0</li> <li>Big Bull FedCom #132H - Break Sand, Wellbore #1, Spacing Plan #1 V0</li> <li>Big Moose Fed Com #132H - TBSC Shale 2Well, Wellbore #1, Spacing Plan #1 V0</li> <li>Big Bull FedCom #132H - TBSC Shale 2Well, Wellbore #1, Spacing Plan #1 V0</li> <li>Blue Chip 14F ed Com #501H, Wellbore#1, BLM Plan #1 V0</li> <li>Blue Chip 14F ed Com #704H, Wellbore#1, BLM Plan #1 V0</li> <li>Blue Chip 14F ed Com #513H, Wellbore#1, Final V0</li> </ul> | <ul style="list-style-type: none"> <li>Blue Chip 14F ed Com #601H, Wellbore#1, Final V0</li> <li>Blue Chip 14F ed Com #511H, Wellbore#1, BLM Plan #1 V0</li> <li>Blue Chip 14F ed Com #511H, Wellbore#1, BLM Plan #2 V0</li> <li>Blue Chip 14F ed Com #551H, Wellbore#1, Final V0</li> <li>Blue Chip 14F ed Com #603H, Wellbore#1, Final V0</li> <li>Blue Chip 14F ed Com #553H, Wellbore#1, Final V0</li> <li>Blue Chip 14F ed Com #504H, Wellbore#1, Final V0</li> <li>Blue Chip 14F ed Com #502H, Wellbore#1, Final V0</li> <li>Blue Chip 14F ed Com #503H, Wellbore#1, BLM Plan #1 V0</li> </ul> | <ul style="list-style-type: none"> <li>Blue Chip 14F ed Com #524H, Wellbore#1, Final V0</li> <li>Blue Chip 14F ed Com #522H, Wellbore#1, Final V0</li> <li>Hat Mesa #1, Wellbore #1, BLM Plan #1 V0</li> <li>MCA Unit Battery 2 #273, Wellbore #1, Wellbore #1 V0</li> <li>Big Bull FedCom #602H, Wellbore #1, BLM Plan #1 V0</li> <li>Big Bull FedCom #602H, Wellbore #1, Wellbore #1 V0</li> <li>Big Bull FedCom #309H, Wellbore #1, Wellbore #1 V0</li> <li>Big Bull FedCom #309H, Wellbore #1, BLM Plan #1 V0</li> </ul> |
|--|--|--|

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

# **Matador Production Company**

**Ranger/Arrowhead**

**Blue Chip**

**Blue Chip 14 Fed Com #702H**

**Wellbore #1**

**Plan: BLM Plan #1**

## **Standard Planning Report**

**04 February, 2026**

Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Company:</b>	Matador Production Company	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Project:</b>	Ranger/Arrowhead	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site:</b>	Blue Chip	<b>North Reference:</b>	Grid
<b>Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	BLM Plan #1		

<b>Project</b>	Ranger/Arrowhead		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	New Mexico East 3001		

<b>Site</b>	Blue Chip				
<b>Site Position:</b>	<b>Northing:</b>	542,185.00 usft	<b>Latitude:</b>	32° 29' 19.148 N	
<b>From:</b> Map	<b>Easting:</b>	714,648.00 usft	<b>Longitude:</b>	103° 38' 13.915 W	
<b>Position Uncertainty:</b>	0.0 usft	<b>Slot Radius:</b>	13-3/16 "	<b>Grid Convergence:</b>	0.37 °

<b>Well</b>	Blue Chip 14 Fed Com #702H					
<b>Well Position</b>	<b>+N/-S</b>	28.9 usft	<b>Northing:</b>	542,213.87 usft	<b>Latitude:</b>	32° 29' 19.438 N
	<b>+E/-W</b>	-79.9 usft	<b>Easting:</b>	714,568.10 usft	<b>Longitude:</b>	103° 38' 14.846 W
<b>Position Uncertainty</b>		0.0 usft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	3,857.0 usft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2015	9/15/2023	6.32	60.21	47,440.90529245

<b>Design</b>	BLM Plan #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	-0.1	0.0	179.65

<b>Plan Survey Tool Program</b>	<b>Date</b>	2/4/2026		
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>
1	0.0	22,973.1	BLM Plan #1 (Wellbore #1)	MWD OWSG MWD - Standard

Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Company:</b>	Matador Production Company	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Project:</b>	Ranger/Arrowhead	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site:</b>	Blue Chip	<b>North Reference:</b>	Grid
<b>Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	BLM Plan #1		

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	-0.1	0.0	0.00	0.00	0.00	0.00	
5,000.0	0.00	0.00	5,000.0	-0.1	0.0	0.00	0.00	0.00	0.00	
5,468.6	9.37	197.89	5,466.6	-36.5	-11.8	2.00	2.00	0.00	197.89	
11,695.7	9.37	197.89	11,610.4	-1,001.5	-323.4	0.00	0.00	0.00	0.00	
12,164.3	0.00	0.00	12,077.0	-1,037.9	-335.1	2.00	-2.00	0.00	180.00	KOP - Blue Chip 14 F
13,064.3	90.00	175.95	12,650.0	-1,609.5	-294.7	10.00	10.00	0.00	175.95	
13,702.6	90.00	157.04	12,650.0	-2,227.2	-146.3	2.96	0.00	-2.96	-90.01	
14,467.4	90.00	179.70	12,650.0	-2,971.5	6.9	2.96	0.00	2.96	89.99	Dodge Pt - Blue Chip
15,443.3	90.00	199.22	12,650.0	-3,929.5	-152.7	2.00	0.00	2.00	90.00	
16,421.8	90.00	179.65	12,650.0	-4,890.1	-312.3	2.00	0.00	-2.00	-90.00	
22,973.1	90.00	179.65	12,650.0	-11,441.3	-271.9	0.00	0.00	0.00	0.00	BHL - Blue Chip 14 F

Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Company:</b>	Matador Production Company	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Project:</b>	Ranger/Arrowhead	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site:</b>	Blue Chip	<b>North Reference:</b>	Grid
<b>Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	BLM Plan #1		

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	-0.1	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	-0.1	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	-0.1	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	-0.1	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	-0.1	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	-0.1	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	-0.1	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	-0.1	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	-0.1	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	-0.1	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	-0.1	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	-0.1	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	-0.1	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	-0.1	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	-0.1	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	-0.1	0.0	0.0	0.00	0.00	0.00
1,585.2	0.00	0.00	1,585.2	-0.1	0.0	0.0	0.00	0.00	0.00
<b>Rustler</b>									
1,600.0	0.00	0.00	1,600.0	-0.1	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	-0.1	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	-0.1	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	-0.1	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	-0.1	0.0	0.0	0.00	0.00	0.00
2,020.2	0.00	0.00	2,020.2	-0.1	0.0	0.0	0.00	0.00	0.00
<b>Salado</b>									
2,100.0	0.00	0.00	2,100.0	-0.1	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	-0.1	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	-0.1	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	-0.1	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	-0.1	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	-0.1	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	-0.1	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	-0.1	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	-0.1	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	-0.1	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	-0.1	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	-0.1	0.0	0.0	0.00	0.00	0.00
3,288.2	0.00	0.00	3,288.2	-0.1	0.0	0.0	0.00	0.00	0.00
<b>G30_Base Salt/Yates</b>									
3,300.0	0.00	0.00	3,300.0	-0.1	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	-0.1	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	-0.1	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	-0.1	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	-0.1	0.0	0.0	0.00	0.00	0.00
3,714.0	0.00	0.00	3,714.0	-0.1	0.0	0.0	0.00	0.00	0.00
<b>Capitan Top</b>									
3,800.0	0.00	0.00	3,800.0	-0.1	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	-0.1	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	-0.1	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	-0.1	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	-0.1	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	-0.1	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	-0.1	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	-0.1	0.0	0.0	0.00	0.00	0.00

Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Company:</b>	Matador Production Company	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Project:</b>	Ranger/Arrowhead	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site:</b>	Blue Chip	<b>North Reference:</b>	Grid
<b>Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	BLM Plan #1		

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)
4,600.0	0.00	0.00	4,600.0	-0.1	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	-0.1	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	-0.1	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	-0.1	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	-0.1	0.0	0.0	0.00	0.00	0.00
<b>Start Build 2.00</b>									
5,063.9	1.28	197.89	5,063.9	-0.8	-0.2	0.7	2.00	2.00	0.00
<b>Bell Cyn.</b>									
5,100.0	2.00	197.89	5,100.0	-1.7	-0.6	1.7	2.00	2.00	0.00
5,200.0	4.00	197.89	5,199.8	-6.7	-2.2	6.6	2.00	2.00	0.00
5,300.0	6.00	197.89	5,299.5	-15.0	-4.9	14.9	2.00	2.00	0.00
5,400.0	8.00	197.89	5,398.7	-26.6	-8.6	26.5	2.00	2.00	0.00
5,468.6	9.37	197.89	5,466.6	-36.5	-11.8	36.3	2.00	2.00	0.00
<b>Start 6227.0 hold at 5468.6 MD</b>									
5,500.0	9.37	197.89	5,497.5	-41.3	-13.4	41.2	0.00	0.00	0.00
5,594.8	9.37	197.89	5,591.1	-56.0	-18.1	55.8	0.00	0.00	0.00
<b>Cherry Cyn.</b>									
5,600.0	9.37	197.89	5,596.2	-56.8	-18.4	56.6	0.00	0.00	0.00
5,700.0	9.37	197.89	5,694.8	-72.3	-23.4	72.1	0.00	0.00	0.00
5,800.0	9.37	197.89	5,793.5	-87.8	-28.4	87.6	0.00	0.00	0.00
5,900.0	9.37	197.89	5,892.2	-103.3	-33.4	103.0	0.00	0.00	0.00
5,982.1	9.37	197.89	5,973.1	-116.0	-37.5	115.7	0.00	0.00	0.00
<b>Brushy Cyn.</b>									
6,000.0	9.37	197.89	5,990.8	-118.8	-38.4	118.5	0.00	0.00	0.00
6,100.0	9.37	197.89	6,089.5	-134.3	-43.4	134.0	0.00	0.00	0.00
6,200.0	9.37	197.89	6,188.1	-149.8	-48.4	149.4	0.00	0.00	0.00
6,300.0	9.37	197.89	6,286.8	-165.3	-53.4	164.9	0.00	0.00	0.00
6,400.0	9.37	197.89	6,385.5	-180.8	-58.4	180.4	0.00	0.00	0.00
6,500.0	9.37	197.89	6,484.1	-196.3	-63.4	195.8	0.00	0.00	0.00
6,600.0	9.37	197.89	6,582.8	-211.8	-68.4	211.3	0.00	0.00	0.00
6,700.0	9.37	197.89	6,681.5	-227.3	-73.4	226.8	0.00	0.00	0.00
6,800.0	9.37	197.89	6,780.1	-242.8	-78.4	242.2	0.00	0.00	0.00
6,900.0	9.37	197.89	6,878.8	-258.3	-83.4	257.7	0.00	0.00	0.00
6,917.3	9.37	197.89	6,895.9	-261.0	-84.3	260.4	0.00	0.00	0.00
<b>BSGL</b>									
7,000.0	9.37	197.89	6,977.5	-273.8	-88.4	273.2	0.00	0.00	0.00
7,100.0	9.37	197.89	7,076.1	-289.3	-93.4	288.7	0.00	0.00	0.00
7,200.0	9.37	197.89	7,174.8	-304.8	-98.4	304.1	0.00	0.00	0.00
7,300.0	9.37	197.89	7,273.5	-320.3	-103.4	319.6	0.00	0.00	0.00
7,400.0	9.37	197.89	7,372.1	-335.8	-108.4	335.1	0.00	0.00	0.00
7,500.0	9.37	197.89	7,470.8	-351.3	-113.4	350.5	0.00	0.00	0.00
7,600.0	9.37	197.89	7,569.5	-366.8	-118.4	366.0	0.00	0.00	0.00
7,700.0	9.37	197.89	7,668.1	-382.3	-123.4	381.5	0.00	0.00	0.00
7,800.0	9.37	197.89	7,766.8	-397.8	-128.4	396.9	0.00	0.00	0.00
7,900.0	9.37	197.89	7,865.5	-413.3	-133.4	412.4	0.00	0.00	0.00
8,000.0	9.37	197.89	7,964.1	-428.8	-138.5	427.9	0.00	0.00	0.00
8,100.0	9.37	197.89	8,062.8	-444.3	-143.5	443.3	0.00	0.00	0.00
8,200.0	9.37	197.89	8,161.4	-459.8	-148.5	458.8	0.00	0.00	0.00
8,300.0	9.37	197.89	8,260.1	-475.3	-153.5	474.3	0.00	0.00	0.00
8,400.0	9.37	197.89	8,358.8	-490.8	-158.5	489.7	0.00	0.00	0.00
8,500.0	9.37	197.89	8,457.4	-506.3	-163.5	505.2	0.00	0.00	0.00
8,600.0	9.37	197.89	8,556.1	-521.8	-168.5	520.7	0.00	0.00	0.00
8,700.0	9.37	197.89	8,654.8	-537.3	-173.5	536.1	0.00	0.00	0.00

Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Company:</b>	Matador Production Company	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Project:</b>	Ranger/Arrowhead	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site:</b>	Blue Chip	<b>North Reference:</b>	Grid
<b>Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	BLM Plan #1		

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)	
8,800.0	9.37	197.89	8,753.4	-552.8	-178.5	551.6	0.00	0.00	0.00	
8,900.0	9.37	197.89	8,852.1	-568.3	-183.5	567.1	0.00	0.00	0.00	
8,936.7	9.37	197.89	8,888.3	-574.0	-185.3	572.7	0.00	0.00	0.00	
<b>U. Avalon Shale</b>										
9,000.0	9.37	197.89	8,950.8	-583.8	-188.5	582.5	0.00	0.00	0.00	
9,100.0	9.37	197.89	9,049.4	-599.3	-193.5	598.0	0.00	0.00	0.00	
9,200.0	9.37	197.89	9,148.1	-614.8	-198.5	613.5	0.00	0.00	0.00	
9,242.0	9.37	197.89	9,189.6	-621.3	-200.6	620.0	0.00	0.00	0.00	
<b>Avalon Carb</b>										
9,300.0	9.37	197.89	9,246.8	-630.3	-203.5	628.9	0.00	0.00	0.00	
9,400.0	9.37	197.89	9,345.4	-645.8	-208.5	644.4	0.00	0.00	0.00	
9,473.7	9.37	197.89	9,418.1	-657.2	-212.2	655.8	0.00	0.00	0.00	
<b>L. Avalon Shale</b>										
9,500.0	9.37	197.89	9,444.1	-661.3	-213.5	659.9	0.00	0.00	0.00	
9,600.0	9.37	197.89	9,542.8	-676.8	-218.5	675.3	0.00	0.00	0.00	
9,700.0	9.37	197.89	9,641.4	-692.3	-223.5	690.8	0.00	0.00	0.00	
9,705.9	9.37	197.89	9,647.3	-693.2	-223.8	691.7	0.00	0.00	0.00	
<b>FBSC</b>										
9,800.0	9.37	197.89	9,740.1	-707.7	-228.5	706.3	0.00	0.00	0.00	
9,900.0	9.37	197.89	9,838.8	-723.2	-233.5	721.7	0.00	0.00	0.00	
9,916.9	9.37	197.89	9,855.4	-725.9	-234.4	724.3	0.00	0.00	0.00	
<b>FBSG</b>										
10,000.0	9.37	197.89	9,937.4	-738.7	-238.5	737.2	0.00	0.00	0.00	
10,100.0	9.37	197.89	10,036.1	-754.2	-243.5	752.7	0.00	0.00	0.00	
10,194.5	9.37	197.89	10,129.3	-768.9	-248.3	767.3	0.00	0.00	0.00	
<b>SBSC</b>										
10,200.0	9.37	197.89	10,134.7	-769.7	-248.5	768.1	0.00	0.00	0.00	
10,300.0	9.37	197.89	10,233.4	-785.2	-253.5	783.6	0.00	0.00	0.00	
10,400.0	9.37	197.89	10,332.1	-800.7	-258.6	799.1	0.00	0.00	0.00	
10,493.7	9.37	197.89	10,424.5	-815.3	-263.2	813.6	0.00	0.00	0.00	
<b>SBSG</b>										
10,500.0	9.37	197.89	10,430.7	-816.2	-263.6	814.5	0.00	0.00	0.00	
10,600.0	9.37	197.89	10,529.4	-831.7	-268.6	830.0	0.00	0.00	0.00	
10,700.0	9.37	197.89	10,628.1	-847.2	-273.6	845.5	0.00	0.00	0.00	
10,800.0	9.37	197.89	10,726.7	-862.7	-278.6	860.9	0.00	0.00	0.00	
10,900.0	9.37	197.89	10,825.4	-878.2	-283.6	876.4	0.00	0.00	0.00	
11,000.0	9.37	197.89	10,924.1	-893.7	-288.6	891.9	0.00	0.00	0.00	
11,035.0	9.37	197.89	10,958.6	-899.1	-290.3	897.3	0.00	0.00	0.00	
<b>TBSC</b>										
11,100.0	9.37	197.89	11,022.7	-909.2	-293.6	907.3	0.00	0.00	0.00	
11,200.0	9.37	197.89	11,121.4	-924.7	-298.6	922.8	0.00	0.00	0.00	
11,300.0	9.37	197.89	11,220.1	-940.2	-303.6	938.3	0.00	0.00	0.00	
11,400.0	9.37	197.89	11,318.7	-955.7	-308.6	953.7	0.00	0.00	0.00	
11,479.4	9.37	197.89	11,397.1	-968.0	-312.6	966.0	0.00	0.00	0.00	
<b>TBSG</b>										
11,500.0	9.37	197.89	11,417.4	-971.2	-313.6	969.2	0.00	0.00	0.00	
11,600.0	9.37	197.89	11,516.1	-986.7	-318.6	984.7	0.00	0.00	0.00	
11,695.7	9.37	197.89	11,610.4	-1,001.5	-323.4	999.5	0.00	0.00	0.00	
<b>Start Drop -2.00</b>										
11,700.0	9.29	197.89	11,614.7	-1,002.2	-323.6	1,000.1	2.00	-2.00	0.00	
11,736.9	8.55	197.89	11,651.2	-1,007.7	-325.4	1,005.6	2.00	-2.00	0.00	
<b>WFMP A</b>										
11,800.0	7.29	197.89	11,713.7	-1,015.9	-328.0	1,013.8	2.00	-2.00	0.00	

Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Company:</b>	Matador Production Company	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Project:</b>	Ranger/Arrowhead	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site:</b>	Blue Chip	<b>North Reference:</b>	Grid
<b>Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	BLM Plan #1		

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)	
11,836.6	6.55	197.89	11,750.0	-1,020.1	-329.4	1,018.0	2.00	-2.00	0.00	
<b>WFMP B</b>										
11,900.0	5.29	197.89	11,813.1	-1,026.3	-331.4	1,024.2	2.00	-2.00	0.00	
12,000.0	3.29	197.89	11,912.8	-1,033.5	-333.7	1,031.3	2.00	-2.00	0.00	
12,100.0	1.29	197.89	12,012.7	-1,037.3	-334.9	1,035.1	2.00	-2.00	0.00	
12,164.3	0.00	0.00	12,077.0	-1,037.9	-335.1	1,035.8	2.00	-2.00	252.07	
<b>Start Build 10.00 - KOP - Blue Chip 14 Fed Com #702H</b>										
12,200.0	3.57	175.95	12,112.7	-1,039.0	-335.1	1,036.9	10.00	10.00	493.00	
12,300.0	13.57	175.95	12,211.4	-1,053.9	-334.0	1,051.8	10.00	10.00	0.00	
12,400.0	23.57	175.95	12,306.1	-1,085.6	-331.8	1,083.5	10.00	10.00	0.00	
12,403.4	23.91	175.95	12,309.2	-1,087.0	-331.7	1,084.9	10.00	10.00	0.00	
<b>FPP - Blue Chip 14 Fed Com #702H</b>										
12,500.0	33.57	175.95	12,393.8	-1,133.3	-328.4	1,131.2	10.00	10.00	0.00	
12,600.0	43.57	175.95	12,471.9	-1,195.4	-324.0	1,193.3	10.00	10.00	0.00	
12,633.2	46.89	175.95	12,495.2	-1,218.8	-322.3	1,216.8	10.00	10.00	0.00	
<b>WFMP D</b>										
12,700.0	53.57	175.95	12,538.0	-1,270.1	-318.7	1,268.0	10.00	10.00	0.00	
12,800.0	63.57	175.95	12,590.1	-1,355.1	-312.7	1,353.1	10.00	10.00	0.00	
12,900.0	73.57	175.95	12,626.6	-1,447.8	-306.1	1,445.8	10.00	10.00	0.00	
13,000.0	83.57	175.95	12,646.4	-1,545.5	-299.2	1,543.5	10.00	10.00	0.00	
13,064.3	90.00	175.95	12,650.0	-1,609.5	-294.7	1,607.6	10.00	10.00	0.00	
<b>Start DLS 2.96 TFO -90.01</b>										
13,100.0	90.00	174.89	12,650.0	-1,645.0	-291.8	1,643.2	2.96	0.00	-2.96	
13,200.0	90.00	171.93	12,650.0	-1,744.4	-280.3	1,742.6	2.96	0.00	-2.96	
13,300.0	90.00	168.97	12,650.0	-1,843.0	-263.8	1,841.3	2.96	0.00	-2.96	
13,400.0	90.00	166.00	12,650.0	-1,940.6	-242.1	1,939.0	2.96	0.00	-2.96	
13,500.0	90.00	163.04	12,650.0	-2,036.9	-215.4	2,035.5	2.96	0.00	-2.96	
13,600.0	90.00	160.08	12,650.0	-2,131.8	-183.8	2,130.6	2.96	0.00	-2.96	
13,700.0	90.00	157.11	12,650.0	-2,224.9	-147.3	2,223.9	2.96	0.00	-2.96	
13,702.6	90.00	157.04	12,650.0	-2,227.2	-146.3	2,226.2	2.96	0.00	-2.96	
<b>Start DLS 2.96 TFO 89.99</b>										
13,800.0	90.00	159.92	12,650.0	-2,317.9	-110.5	2,317.1	2.96	0.00	2.96	
13,900.0	90.00	162.89	12,650.0	-2,412.7	-78.7	2,412.1	2.96	0.00	2.96	
14,000.0	90.00	165.85	12,650.0	-2,508.9	-51.7	2,508.5	2.96	0.00	2.96	
14,100.0	90.00	168.81	12,650.0	-2,606.5	-29.8	2,606.2	2.96	0.00	2.96	
14,200.0	90.00	171.78	12,650.0	-2,705.1	-12.9	2,704.9	2.96	0.00	2.96	
14,300.0	90.00	174.74	12,650.0	-2,804.4	-1.2	2,804.2	2.96	0.00	2.96	
14,400.0	90.00	177.70	12,650.0	-2,904.1	5.4	2,904.0	2.96	0.00	2.96	
14,467.4	90.00	179.70	12,650.0	-2,971.5	6.9	2,971.4	2.96	0.00	2.96	
<b>Start Turn 2.00 - Dodge Pt - Blue Chip 14 Fed Com #702H</b>										
14,500.0	90.00	180.35	12,650.0	-3,004.1	6.9	3,004.0	2.00	0.00	2.00	
14,600.0	90.00	182.35	12,650.0	-3,104.1	4.5	3,104.0	2.00	0.00	2.00	
14,700.0	90.00	184.35	12,650.0	-3,203.9	-1.3	3,203.8	2.00	0.00	2.00	
14,800.0	90.00	186.35	12,650.0	-3,303.5	-10.6	3,303.3	2.00	0.00	2.00	
14,900.0	90.00	188.35	12,650.0	-3,402.6	-23.4	3,402.4	2.00	0.00	2.00	
15,000.0	90.00	190.35	12,650.0	-3,501.3	-39.7	3,500.9	2.00	0.00	2.00	
15,100.0	90.00	192.35	12,650.0	-3,599.3	-59.4	3,598.8	2.00	0.00	2.00	
15,129.4	90.00	192.94	12,650.0	-3,628.0	-65.8	3,627.5	2.00	0.00	2.00	
<b>BPP1 - Blue Chip 14 Fed Com #702H</b>										
15,200.0	90.00	194.35	12,650.0	-3,696.6	-82.5	3,696.0	2.00	0.00	2.00	
15,300.0	90.00	196.35	12,650.0	-3,793.1	-108.9	3,792.2	2.00	0.00	2.00	
15,400.0	90.00	198.35	12,650.0	-3,888.5	-138.8	3,887.5	2.00	0.00	2.00	
15,443.3	90.00	199.22	12,650.0	-3,929.5	-152.7	3,928.4	2.00	0.00	2.00	

Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Company:</b>	Matador Production Company	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Project:</b>	Ranger/Arrowhead	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site:</b>	Blue Chip	<b>North Reference:</b>	Grid
<b>Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	BLM Plan #1		

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)
<b>Start DLS 2.00 TFO -90.00</b>									
15,500.0	90.00	198.08	12,650.0	-3,983.2	-170.8	3,982.0	2.00	0.00	-2.00
15,600.0	90.00	196.08	12,650.0	-4,078.8	-200.2	4,077.4	2.00	0.00	-2.00
15,700.0	90.00	194.08	12,650.0	-4,175.3	-226.2	4,173.8	2.00	0.00	-2.00
15,800.0	90.00	192.08	12,650.0	-4,272.7	-248.9	4,271.1	2.00	0.00	-2.00
15,900.0	90.00	190.08	12,650.0	-4,370.9	-268.1	4,369.1	2.00	0.00	-2.00
16,000.0	90.00	188.08	12,650.0	-4,469.6	-283.9	4,467.7	2.00	0.00	-2.00
16,100.0	90.00	186.08	12,650.0	-4,568.8	-296.2	4,566.9	2.00	0.00	-2.00
16,200.0	90.00	184.08	12,650.0	-4,668.5	-305.1	4,666.4	2.00	0.00	-2.00
16,300.0	90.00	182.08	12,650.0	-4,768.3	-310.4	4,766.2	2.00	0.00	-2.00
16,400.0	90.00	180.08	12,650.0	-4,868.3	-312.3	4,866.2	2.00	0.00	-2.00
16,421.8	90.00	179.65	12,650.0	-4,890.1	-312.3	4,888.0	2.00	0.00	-2.00
<b>Start 6551.3 hold at 16421.8 MD</b>									
16,478.7	90.00	179.65	12,650.0	-4,947.0	-311.9	4,944.9	0.00	0.00	0.00
<b>BPP2 - Blue Chip 14 Fed Com #702H</b>									
16,500.0	90.00	179.65	12,650.0	-4,968.3	-311.8	4,966.2	0.00	0.00	0.00
16,600.0	90.00	179.65	12,650.0	-5,068.3	-311.2	5,066.2	0.00	0.00	0.00
16,700.0	90.00	179.65	12,650.0	-5,168.3	-310.6	5,166.2	0.00	0.00	0.00
16,800.0	90.00	179.65	12,650.0	-5,268.3	-310.0	5,266.2	0.00	0.00	0.00
16,900.0	90.00	179.65	12,650.0	-5,368.3	-309.3	5,366.2	0.00	0.00	0.00
17,000.0	90.00	179.65	12,650.0	-5,468.3	-308.7	5,466.2	0.00	0.00	0.00
17,100.0	90.00	179.65	12,650.0	-5,568.3	-308.1	5,566.2	0.00	0.00	0.00
17,200.0	90.00	179.65	12,650.0	-5,668.3	-307.5	5,666.2	0.00	0.00	0.00
17,300.0	90.00	179.65	12,650.0	-5,768.3	-306.9	5,766.2	0.00	0.00	0.00
17,400.0	90.00	179.65	12,650.0	-5,868.3	-306.3	5,866.2	0.00	0.00	0.00
17,500.0	90.00	179.65	12,650.0	-5,968.3	-305.6	5,966.2	0.00	0.00	0.00
17,600.0	90.00	179.65	12,650.0	-6,068.3	-305.0	6,066.2	0.00	0.00	0.00
17,700.0	90.00	179.65	12,650.0	-6,168.3	-304.4	6,166.2	0.00	0.00	0.00
17,798.7	90.00	179.65	12,650.0	-6,267.0	-303.8	6,265.0	0.00	0.00	0.00
<b>BPP3 - Blue Chip 14 Fed Com #702H</b>									
17,800.0	90.00	179.65	12,650.0	-6,268.3	-303.8	6,266.2	0.00	0.00	0.00
17,900.0	90.00	179.65	12,650.0	-6,368.2	-303.2	6,366.2	0.00	0.00	0.00
18,000.0	90.00	179.65	12,650.0	-6,468.2	-302.5	6,466.2	0.00	0.00	0.00
18,100.0	90.00	179.65	12,650.0	-6,568.2	-301.9	6,566.2	0.00	0.00	0.00
18,200.0	90.00	179.65	12,650.0	-6,668.2	-301.3	6,666.2	0.00	0.00	0.00
18,300.0	90.00	179.65	12,650.0	-6,768.2	-300.7	6,766.2	0.00	0.00	0.00
18,400.0	90.00	179.65	12,650.0	-6,868.2	-300.1	6,866.2	0.00	0.00	0.00
18,500.0	90.00	179.65	12,650.0	-6,968.2	-299.5	6,966.2	0.00	0.00	0.00
18,600.0	90.00	179.65	12,650.0	-7,068.2	-298.8	7,066.2	0.00	0.00	0.00
18,700.0	90.00	179.65	12,650.0	-7,168.2	-298.2	7,166.2	0.00	0.00	0.00
18,800.0	90.00	179.65	12,650.0	-7,268.2	-297.6	7,266.2	0.00	0.00	0.00
18,900.0	90.00	179.65	12,650.0	-7,368.2	-297.0	7,366.2	0.00	0.00	0.00
19,000.0	90.00	179.65	12,650.0	-7,468.2	-296.4	7,466.2	0.00	0.00	0.00
19,100.0	90.00	179.65	12,650.0	-7,568.2	-295.8	7,566.2	0.00	0.00	0.00
19,200.0	90.00	179.65	12,650.0	-7,668.2	-295.1	7,666.2	0.00	0.00	0.00
19,300.0	90.00	179.65	12,650.0	-7,768.2	-294.5	7,766.2	0.00	0.00	0.00
19,400.0	90.00	179.65	12,650.0	-7,868.2	-293.9	7,866.2	0.00	0.00	0.00
19,500.0	90.00	179.65	12,650.0	-7,968.2	-293.3	7,966.2	0.00	0.00	0.00
19,600.0	90.00	179.65	12,650.0	-8,068.2	-292.7	8,066.2	0.00	0.00	0.00
19,700.0	90.00	179.65	12,650.0	-8,168.2	-292.1	8,166.2	0.00	0.00	0.00
19,800.0	90.00	179.65	12,650.0	-8,268.2	-291.4	8,266.2	0.00	0.00	0.00
19,900.0	90.00	179.65	12,650.0	-8,368.2	-290.8	8,366.2	0.00	0.00	0.00
20,000.0	90.00	179.65	12,650.0	-8,468.2	-290.2	8,466.2	0.00	0.00	0.00

Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Company:</b>	Matador Production Company	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Project:</b>	Ranger/Arrowhead	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site:</b>	Blue Chip	<b>North Reference:</b>	Grid
<b>Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	BLM Plan #1		

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)
20,100.0	90.00	179.65	12,650.0	-8,568.2	-289.6	8,566.2	0.00	0.00	0.00
20,200.0	90.00	179.65	12,650.0	-8,668.2	-289.0	8,666.2	0.00	0.00	0.00
20,300.0	90.00	179.65	12,650.0	-8,768.2	-288.4	8,766.2	0.00	0.00	0.00
20,400.0	90.00	179.65	12,650.0	-8,868.2	-287.7	8,866.2	0.00	0.00	0.00
20,440.8	90.00	179.65	12,650.0	-8,909.0	-287.5	8,907.0	0.00	0.00	0.00
<b>BPP4 - Blue Chip 14 Fed Com #702H</b>									
20,500.0	90.00	179.65	12,650.0	-8,968.2	-287.1	8,966.2	0.00	0.00	0.00
20,600.0	90.00	179.65	12,650.0	-9,068.2	-286.5	9,066.2	0.00	0.00	0.00
20,700.0	90.00	179.65	12,650.0	-9,168.2	-285.9	9,166.2	0.00	0.00	0.00
20,800.0	90.00	179.65	12,650.0	-9,268.2	-285.3	9,266.2	0.00	0.00	0.00
20,900.0	90.00	179.65	12,650.0	-9,368.2	-284.7	9,366.2	0.00	0.00	0.00
21,000.0	90.00	179.65	12,650.0	-9,468.2	-284.0	9,466.2	0.00	0.00	0.00
21,100.0	90.00	179.65	12,650.0	-9,568.2	-283.4	9,566.2	0.00	0.00	0.00
21,200.0	90.00	179.65	12,650.0	-9,668.2	-282.8	9,666.2	0.00	0.00	0.00
21,300.0	90.00	179.65	12,650.0	-9,768.2	-282.2	9,766.2	0.00	0.00	0.00
21,400.0	90.00	179.65	12,650.0	-9,868.2	-281.6	9,866.2	0.00	0.00	0.00
21,500.0	90.00	179.65	12,650.0	-9,968.2	-281.0	9,966.2	0.00	0.00	0.00
21,600.0	90.00	179.65	12,650.0	-10,068.2	-280.3	10,066.2	0.00	0.00	0.00
21,700.0	90.00	179.65	12,650.0	-10,168.2	-279.7	10,166.2	0.00	0.00	0.00
21,800.0	90.00	179.65	12,650.0	-10,268.2	-279.1	10,266.2	0.00	0.00	0.00
21,900.0	90.00	179.65	12,650.0	-10,368.2	-278.5	10,366.2	0.00	0.00	0.00
22,000.0	90.00	179.65	12,650.0	-10,468.2	-277.9	10,466.2	0.00	0.00	0.00
22,100.0	90.00	179.65	12,650.0	-10,568.2	-277.2	10,566.2	0.00	0.00	0.00
22,200.0	90.00	179.65	12,650.0	-10,668.2	-276.6	10,666.2	0.00	0.00	0.00
22,300.0	90.00	179.65	12,650.0	-10,768.2	-276.0	10,766.2	0.00	0.00	0.00
22,400.0	90.00	179.65	12,650.0	-10,868.2	-275.4	10,866.2	0.00	0.00	0.00
22,500.0	90.00	179.65	12,650.0	-10,968.2	-274.8	10,966.2	0.00	0.00	0.00
22,600.0	90.00	179.65	12,650.0	-11,068.2	-274.2	11,066.2	0.00	0.00	0.00
22,700.0	90.00	179.65	12,650.0	-11,168.2	-273.5	11,166.2	0.00	0.00	0.00
22,800.0	90.00	179.65	12,650.0	-11,268.2	-272.9	11,266.2	0.00	0.00	0.00
22,900.0	90.00	179.65	12,650.0	-11,368.2	-272.3	11,366.2	0.00	0.00	0.00
22,973.1	90.00	179.65	12,650.0	-11,441.3	-271.9	11,439.3	0.00	0.00	0.00
<b>TD at 22973.1 - BHL - Blue Chip 14 Fed Com #702H</b>									

Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Company:</b>	Matador Production Company	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Project:</b>	Ranger/Arrowhead	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site:</b>	Blue Chip	<b>North Reference:</b>	Grid
<b>Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	BLM Plan #1		

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 - Blue Chip 14 Fed - plan hits target center - Point	0.00	0.00	12,077.0	-1,037.9	-335.1	541,176.00	714,233.00	32° 29' 9.190 N	103° 38' 18.837 W
FPP - Blue Chip 14 Fed - plan hits target center - Point	0.00	0.00	12,309.3	-1,087.0	-331.7	541,126.94	714,236.47	32° 29' 8.704 N	103° 38' 18.800 W
BPP1 - Blue Chip 14 Fed - plan hits target center - Point	0.00	0.00	12,650.0	-3,628.0	-65.8	538,585.94	714,502.33	32° 28' 43.543 N	103° 38' 15.890 W
BPP4 - Blue Chip 14 Fed - plan hits target center - Point	0.00	0.00	12,650.0	-8,909.0	-287.5	533,304.94	714,280.65	32° 27' 51.301 N	103° 38' 18.879 W
BPP2 - Blue Chip 14 Fed - plan hits target center - Point	0.00	0.00	12,650.0	-4,947.0	-311.9	537,266.94	714,256.20	32° 28' 30.508 N	103° 38' 18.863 W
BHL - Blue Chip 14 Fed - plan hits target center - Point	0.00	0.00	12,650.0	-11,441.3	-271.9	530,772.65	714,296.27	32° 27' 26.242 N	103° 38' 18.889 W
BPP3 - Blue Chip 14 Fed - plan hits target center - Point	0.00	0.00	12,650.0	-6,267.0	-303.8	535,946.94	714,264.35	32° 28' 17.445 N	103° 38' 18.869 W

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
		20"	20	20	
		13 3/8"	13-3/8	13-3/8	
		9 5/8"	9-5/8	9-5/8	
		7 5/8"	7-5/8	7-5/8	
1,610.0	1,610.0	20" Surface Casing	20	26	
3,388.0	3,388.0	13 3/8" Intermediate Casing	13-3/8	17-1/2	
5,114.0	5,114.0	9 5/8" Intermediate Casing	9-5/8	12-1/4	
11,927.0	11,840.0	7 5/8" Intermediate Casing	7-5/8	8-3/4	
22,947.0	12,650.0	5 1/2" Production Casing	5-1/2	6-3/4	

Planning Report

<b>Database:</b>	EDM 5000.14 Single User Db	<b>Local Co-ordinate Reference:</b>	Well Blue Chip 14 Fed Com #702H
<b>Company:</b>	Matador Production Company	<b>TVD Reference:</b>	KB @ 3881.5usft
<b>Project:</b>	Ranger/Arrowhead	<b>MD Reference:</b>	KB @ 3881.5usft
<b>Site:</b>	Blue Chip	<b>North Reference:</b>	Grid
<b>Well:</b>	Blue Chip 14 Fed Com #702H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	BLM Plan #1		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,585.2	1,585.2	Rustler				
2,020.2	2,020.2	Salado				
3,288.2	3,288.2	G30_Base Salt/Yates				
3,714.0	3,714.0	Capitan Top				
5,063.9	5,063.9	Bell Cyn.				
5,594.8	5,591.1	Cherry Cyn.				
5,982.1	5,973.1	Brushy Cyn.				
6,917.3	6,895.9	BSGL				
8,936.7	8,888.3	U. Avalon Shale				
9,242.0	9,189.6	Avalon Carb				
9,473.7	9,418.1	L. Avalon Shale				
9,705.9	9,647.3	FBSC				
9,916.9	9,855.4	FBSC				
10,194.5	10,129.3	SBSC				
10,493.7	10,424.5	SBSC				
11,035.0	10,958.6	TBSC				
11,479.4	11,397.1	TBSC				
11,736.9	11,651.2	WFMP A				
11,836.6	11,750.0	WFMP B				
12,633.2	12,495.2	WFMP D				

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
5,000.0	5,000.0	-0.1	0.0	Start Build 2.00	
5,468.6	5,466.6	-36.5	-11.8	Start 6227.0 hold at 5468.6 MD	
11,695.7	11,610.4	-1,001.5	-323.4	Start Drop -2.00	
12,164.3	12,077.0	-1,037.9	-335.1	Start Build 10.00	
13,064.3	12,650.0	-1,609.5	-294.7	Start DLS 2.96 TFO -90.01	
13,702.6	12,650.0	-2,227.2	-146.3	Start DLS 2.96 TFO 89.99	
14,467.4	12,650.0	-2,971.5	6.9	Start Turn 2.00	
15,443.3	12,650.0	-3,929.5	-152.7	Start DLS 2.00 TFO -90.00	
16,421.8	12,650.0	-4,890.1	-312.3	Start 6551.3 hold at 16421.8 MD	
22,973.1	12,650.0	-11,441.3	-271.9	TD at 22973.1	

Sante Fe Main Office  
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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

Action 556663

**CONDITIONS**

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 556663
	Action Type: [C-103] NOI Change of Plans (C-103A)

**CONDITIONS**

Created By	Condition	Condition Date
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 strata isolation is not achieved, remediation will be required before further operations may commence.	3/17/2026
matthew.gomez	All conducted logs must be submitted to the OCD.	3/17/2026
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.	3/17/2026
matthew.gomez	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.	3/17/2026
matthew.gomez	All previous COA's still apply.	3/17/2026