

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

Sundry Print Report

County or Parish/State: LEA /

Well Name: COBRA COBRETTI BS

FEDERAL COM

Well Number: 552H

Well Location: T25S / R28E / SEC 1 /

SWSE / 32.1526916 / -104.03813

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM16104

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001555320

Operator: MARATHON OIL PERMIAN

LLC

Notice of Intent

Sundry ID: 2810166

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 09/04/2024 Time Sundry Submitted: 12:51

Date proposed operation will begin: 09/04/2024

Procedure Description: Marathon Oil Permian LLC respectfully request approval to change the well from a three-mile lateral to a two and a half-mile lateral. We also propose changing the SHL, BHL, and drill plan as described below and on the attached: SHL Change: From 274' FSL 1811' FEL Sec1- T25S-R28E To 276' FSL 1752' FEL Sec1- T25S-R28E FTP Change: From 100' FSL 1650' FEL Sec1-T25S-R28E To 100' FSL 1640' FEL Sec1-T25S-R28E LTP/BHL Change: From 100' FNL 1650' FEL Sec25-T24S-R28E To 2540' FSL 1640' FEL Sec25-T24S-R28E Change Approved Location Table: SHL: NMNM016104 KOP/PP1: NMNM016104 EXIT/BHL: State Casing Design Change: Intermediate Set Depth From: 8520' To: 8147' Production Set Depth From: 24701' To: 21695' No other changes to the casing design. Cement Design Changes - Please see attached drill plan. Please see attached drill plan, directional plan, and C-102s (proposed & previously approved) for review and approval.

NOI Attachments

Procedure Description

Proposed_Cobra_Cobretti_BS_Federal_Com_552H___Directional_Plan_20240904102643.pdf

Approved_C102_Cobra_Cobretti_BS_Federal_Com_552H_20240904102641.pdf

Proposed C102 Cobra Cobretti BS Federal Com 552H 20240904102644.pdf

Proposed_Cobra_Cobretti_BS_FED_COM_552H_Drill_Plan_20240904102642.pdf

Page 1 of 2

rived by OCD: 10/6/2024 8:12:28 AM Well Name: COBRA COBRETTIBS

FEDERAL COM

Well Location: T25S / R28E / SEC 1 /

County or Parish/State: LEA/ 2 of

SWSE / 32.1526916 / -104.03813

Well Number: 552H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM16104

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001555320

Operator: MARATHON OIL PERMIAN

Conditions of Approval

Additional

COBRA_COBRETTI_BS_FEDERAL_COM_552H___COA_20240919183659.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: ADRIAN COVARRUBIAS Signed on: SEP 04, 2024 12:49 PM

Name: MARATHON OIL PERMIAN LLC

Title: regulatory Compliance Representative

Street Address: 990 TOWN & COUNTRY BLVD

City: HOUSTON State: TX

Phone: (713) 296-3368

Email address: acovarrubias@marathonoil.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CODY LAYTON

BLM POC Phone: 5752345959

Disposition: Approved

Signature: Cody R. Layton

BLM POC Title: Assistant Field Manager Lands & Minerals

BLM POC Email Address: clayton@blm.gov

Disposition Date: 10/03/2024

Page 2 of 2

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR DUBEAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 202

BURI	EAU OF LAND MANAGEMENT		5. Lease Serial No.			
Do not use this f	OTICES AND REPORTS ON Worm for proposals to drill or to Use Form 3160-3 (APD) for suc	o re-enter an	6. If Indian, Allottee or Tribe	Name		
SUBMIT IN 1	TRIPLICATE - Other instructions on pag	ne 2	7. If Unit of CA/Agreement, N	Name and/or No.		
1. Type of Well Oil Well Gas W	/ell Other		8. Well Name and No.			
2. Name of Operator			9. API Well No.			
3a. Address	3b. Phone No.	(include area code)	10. Field and Pool or Explora	tory Area		
4. Location of Well (Footage, Sec., T.,R	.,M., or Survey Description)		11. Country or Parish, State			
12. CHE	CK THE APPROPRIATE BOX(ES) TO IN	DICATE NATURE (DF NOTICE, REPORT OR OTI	HER DATA		
TYPE OF SUBMISSION		E OF ACTION				
Notice of Intent	Acidize Deep Alter Casing Hydr	oen raulic Fracturing	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity		
Subsequent Report		Construction and Abandon	Recomplete Temporarily Abandon	Other		
Final Abandonment Notice		Back	Water Disposal			
is ready for final inspection.)						
14. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed)	TOTAL STATE OF THE				
		Title				
Signature		Date				
	THE SPACE FOR FED	ERAL OR STA	TE OFICE USE			
Approved by						
		Title		Date		
	ned. Approval of this notice does not warrar equitable title to those rights in the subject led duct operations thereon.					
	3 U.S.C Section 1212, make it a crime for a ents or representations as to any matter with		and willfully to make to any do	epartment or agency of the United States		

(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

Additional Remarks

From 100' FNL 1650' FEL Sec25-T24S-R28E To 2540' FSL 1640' FEL Sec25-T24S-R28E

Change Approved Location Table:

SHL: NMNM016104 KOP/PP1: NMNM016104

EXIT/BHL: State

Casing Design Change:

Intermediate Set Depth

From: 8520' To: 8147'

Production Set Depth

From: 24701' To: 21695'

No other changes to the casing design.

Cement Design Changes - Please see attached drill plan.

Please see attached drill plan, directional plan, and C-102s (proposed & previously approved) for review and approval.

Location of Well

0. SHL: SWSE / 274 FSL / 1811 FEL / TWSP: 258 / RANGE: 28E / SECTION: 1 / LAT: 32.1526916 / LONG: -104.03813 (TVD: 0 feet, MD: 0 feet)

PPP: SWSE / 100 FSL / 1650 FEL / TWSP: 25S / RANGE: 28E / SECTION: 1 / LAT: 32.5220356 / LONG: -104.0376098 (TVD: 9175 feet, MD: 9600 feet)

PPP: SWNE / 2661 FNL / 1688 FEL / TWSP: 24S / RANGE: 28E / SECTION: 25 / LAT: 32.1884705 / LONG: -104.0374543 (TVD: 9175 feet, MD: 22800 feet)

BHL: NWNE / 100 FNL / 1650 FEL / TWSP: 24S / RANGE: 28E / SECTION: 25 / LAT: 32.19551 / LONG: -104.0374241 (TVD: 9175 feet, MD: 24701 feet)

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME: | MARATHON OIL PERMIAN LLC

WELL NAME & NO.: | COBRA COBRETTI BS FEDERAL COM 552H

SURFACE HOLE FOOTAGE: 276'/S & 1752'/E BOTTOM HOLE FOOTAGE 2540'/N & 1640'/E

LOCATION: Section 1, T.25 S., R.28 E. COUNTY: Eddy County, New Mexico

ALL PREVIOUS COAs STILL APPLY

COA

H2S	• Yes	O No	
Potash	None	O Secretary	O R-111-P
Cave/Karst Potential	O Low	O Medium	• High
Cave/Karst Potential	O Critical		
Variance	O None	• Flex Hose	Other
Wellhead	Conventional	Multibowl	O Both
Wellhead Variance	O Diverter		
Other	□4 String	☐ Capitan Reef	□WIPP
Other	☐ Fluid Filled	☐ Pilot Hole	☐ Open Annulus
Cementing	☐ Contingency	☐ EchoMeter	☐ Primary Cement
	Cement Squeeze		Squeeze
Special Requirements	☐ Water Disposal	☑ COM	□ Unit
Special Requirements	☐ Batch Sundry		
Special Requirements	☐ Break Testing	☐ Offline	
Variance	_	Cementing	Clearance

A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H2S) Drilling Plan shall be activated AT SPUD. As a result, the Hydrogen Sulfide area must meet Onshore Order 6 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.

B. CASING

Primary Casing Design:

1. The **13-3/8** inch surface casing shall be set at approximately **500** feet (a minimum of 70 feet (Eddy County) into the Rustler Anhydrite, above the salt, and below usable fresh water) and cemented to the surface.

- 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 pounds 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.
- 2. The 9-5/8 inch intermediate casing shall be set at approximately 8147 feet. Keep casing minimum half full during run for collapse SF. Cement volumes do not meet CFO 25% excess requirement. Please review. The minimum required fill of cement behind the 9-5/8 inch intermediate casing is:

Option 1:

Cement to surface. If cement does not circulate see B.1.a, c-d above.
 Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.

Option 2:

The operator has not proposed a DV tool depth. DV tool needs to be below the Salado interval. Operator may adjust depth of DV tool if it remains below the Salado and cement volumes are adjusted 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, contact the appropriate BLM office.
 - Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.

- ❖ In <u>High Cave/Karst Areas</u> if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.
- 3. The **5-1/2** inch production casing shall be set at approximately **21,695** feet. 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.
 Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.

GENERAL REQUIREMENTS

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

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

Contact Eddy County Petroleum Engineering Inspection Staff:

Email or call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220; **BLM NM CFO DrillingNotifications@BLM.GOV**; (575) 361-2822

Contact Lea County Petroleum Engineering Inspection Staff:

Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575) 689-5981

- 1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
 - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
 - b. When the operator proposes to set surface casing with Spudder Rig
 - i.Notify the BLM when moving in and removing the Spudder Rig.
 - ii.Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
 - iii.BOP/BOPE test to be conducted per **43 CFR 3172** as soon as 2nd Rig is rigged up on well.
- 2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area

immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

3. For intervals in which cement to surface is required, cement to surface should be verified with a visual check and density or pH check to differentiate cement from spacer and drilling mud. The results should be documented in the driller's log and daily reports.

A. CASING

- 1. 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.
- 2. 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.
- 3. 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.
- 4. 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.
- 5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
- 6. 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.
- 7. 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.
- 8. 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.

KPI 9/19/2024



Project: Eddy County, NM (NAD27-NME)

Site: Cobra Cobretti

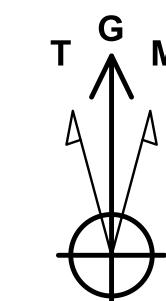
Well: Cobra Cobretti BS Federal Com 552H

Wellbore: OH

Design: Plan 2 08-27-24

Rig: Cactus 171





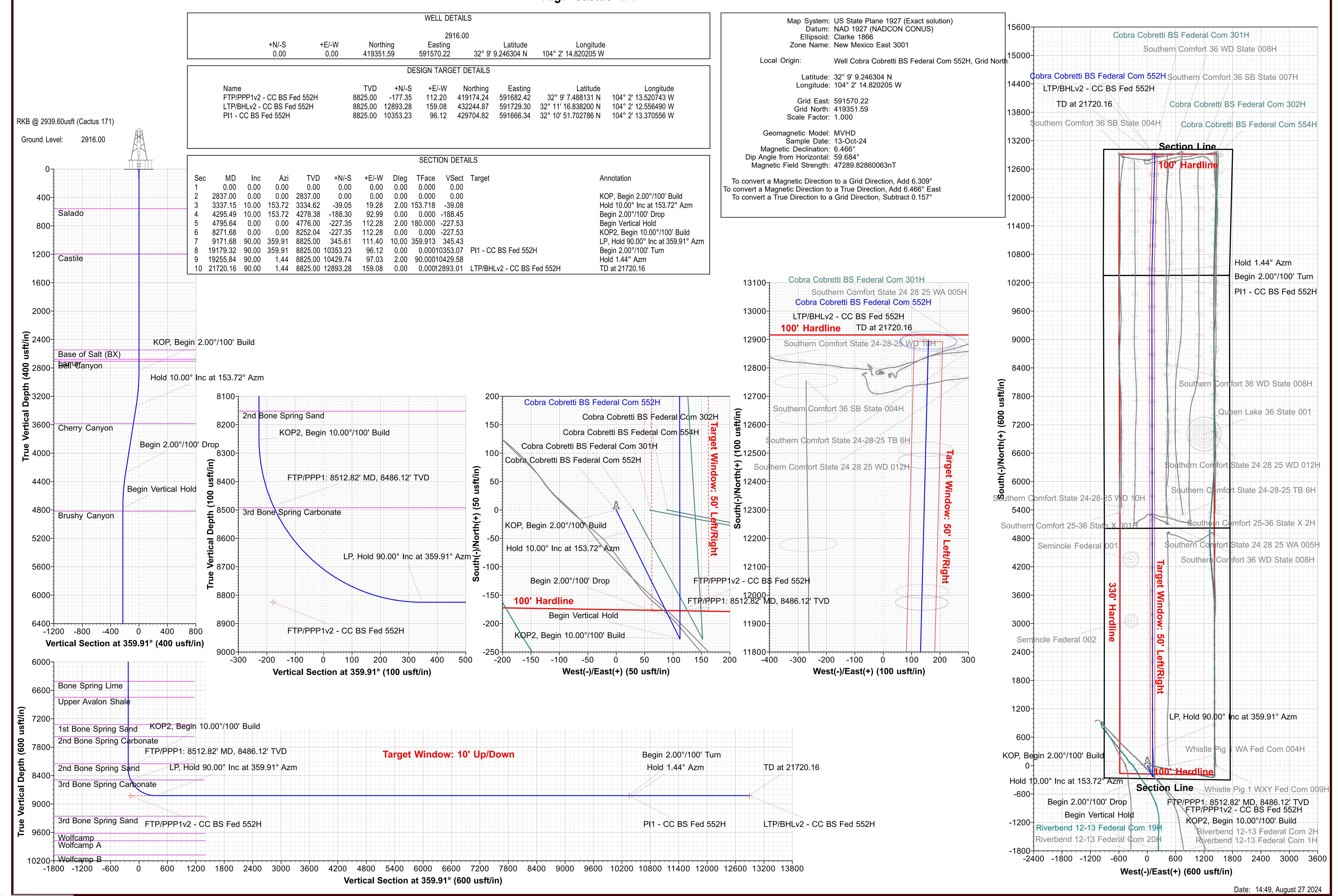
Dip Angle: 59.68°

True North: -0.16°

Azimuths to Grid North

Magnetic North: 6.31°

Magnetic Field Strength: 47289.8nT Date: 10/13/2024 **Model: MVHD**





Marathon Oil Permian LLC

Eddy County, NM (NAD27-NME) Cobra Cobretti Cobra Cobretti BS Federal Com 552H

OH

Plan: Plan 2 08-27-24

Standard Planning Report

27 August, 2024







USAEDMDB Database:

Company: Marathon Oil Permian LLC Project: Eddy County, NM (NAD27-NME)

Site:

Cobra Cobretti Well: Cobra Cobretti BS Federal Com 552H

Wellbore: OH

Design: Plan 2 08-27-24 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Cobra Cobretti BS Federal Com 552H

RKB @ 2939.60usft (Cactus 171) RKB @ 2939.60usft (Cactus 171)

359.91

Minimum Curvature

Project Eddy County, NM (NAD27-NME)

US State Plane 1927 (Exact solution) Map System:

NAD 1927 (NADCON CONUS) Geo Datum:

Map Zone: New Mexico East 3001 System Datum: Mean Sea Level

0.00

Cobra Cobretti Site

Site Position: Northing: 419,387.27 usft Latitude: 32° 9' 9.586404 N From: Мар Easting: 592,047.05 usft Longitude: 104° 2' 9.272453 W 0.158°

Position Uncertainty: 0.00 usft Slot Radius: 13-3/16 " **Grid Convergence:**

Well Cobra Cobretti BS Federal Com 552H

Well Position +N/-S -35.68 usft Northing: 419,351.59 usft Latitude: 32° 9' 9.246305 N +E/-W -476.83 usft Easting: 591,570.22 usft Longitude: 104° 2' 14.820205 W

Position Uncertainty 1.00 usft Wellhead Elevation: Ground Level: 2,916.00 usft

ОН Wellbore

Magnetics Declination **Dip Angle** Field Strength **Model Name** Sample Date (°) (nT) (°) 47.289.82860063 **MVHD** 10/13/2024 6.466 59.684

0.00

A008Mc_MWD+IFR1+MS_

Plan 2 08-27-24 Design

Audit Notes:

1

Version: Tie On Depth: Phase: **PLAN** 0.00

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

Plan Survey Tool Program Date 8/27/2024

21,720.16

Depth From Depth To

0.00

(usft) (usft)

Survey (Wellbore) **Tool Name** Remarks

Plan 2 08-27-24 (OH) MWD+IFR1+MSA

0.00

8/27/2024 2:57:15PM Page 2 COMPASS 5000.17 Build 03





Database: Company: Project:

Site:

USAEDMDB

Marathon Oil Permian LLC Eddy County, NM (NAD27-NME)

Cobra Cobretti

Well: Cobra Cobretti BS Federal Com 552H

Wellbore: OH

Design: Plan 2 08-27-24

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Cobra Cobretti BS Federal Com 552H

RKB @ 2939.60usft (Cactus 171) RKB @ 2939.60usft (Cactus 171)

Grid

Plan Section	ıs									
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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	
2,837.00	0.00	0.00	2,837.00	0.00	0.00	0.00	0.00	0.00	0.000	
3,337.15	5 10.00	153.72	3,334.62	-39.05	19.28	2.00	2.00	0.00	153.718	
4,295.49	10.00	153.72	4,278.38	-188.30	92.99	0.00	0.00	0.00	0.000	
4,795.64	4 0.00	0.00	4,776.00	-227.35	112.28	2.00	-2.00	0.00	180.000	
8,271.68	0.00	0.00	8,252.04	-227.35	112.28	0.00	0.00	0.00	0.000	
9,171.68	90.00	359.91	8,825.00	345.61	111.40	10.00	10.00	-0.01	359.912	
19,179.32	90.00	359.91	8,825.00	10,353.23	96.12	0.00	0.00	0.00	0.000 F	PI1 - CC BS Fed 55
19,255.84	90.00	1.44	8,825.00	10,429.74	97.03	2.00	0.00	2.00	90.000	
21,720.16	90.00	1.44	8,825.00	12,893.28	159.08	0.00	0.00	0.00	0.000 L	TP/BHLv2 - CC Bs







Database: Company:

Project:

Site:

USAEDMDB

Marathon Oil Permian LLC Eddy County, NM (NAD27-NME)

Cobra Cobretti

Well:

Wellbore: ОН Design: Plan 2 08-27-24

Cobra Cobretti BS Federal Com 552H

Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: **Survey Calculation Method:**

Well Cobra Cobretti BS Federal Com 552H RKB @ 2939.60usft (Cactus 171) RKB @ 2939.60usft (Cactus 171)

anned	d Survey									
N	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)
	0.00 559.60 Salado	0.00 0.00	0.00 0.00	0.00 559.60	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
	1,195.60 Castile	0.00	0.00	1,195.60	0.00	0.00	0.00	0.00	0.00	0.00
	2,546.60 Base of Sa	0.00	0.00	2,546.60	0.00	0.00	0.00	0.00	0.00	0.00
	2,678.60 Lamar	0.00	0.00	2,678.60	0.00	0.00	0.00	0.00	0.00	0.00
	2,706.60 Bell Canyo	0.00	0.00	2,706.60	0.00	0.00	0.00	0.00	0.00	0.00
	2,837.00	0.00 1 2.00°/100' B u	0.00	2,837.00	0.00	0.00	0.00	0.00	0.00	0.00
	2,900.00 3,000.00 3,100.00	1.26 3.26 5.26	153.72 153.72 153.72	2,899.99 2,999.91 3,099.63	-0.62 -4.16 -10.82	0.31 2.05 5.34	-0.62 -4.16 -10.83	2.00 2.00 2.00	2.00 2.00 2.00	0.00 0.00 0.00
	3,200.00 3,300.00 3,337.15	7.26 9.26 10.00	153.72 153.72 153.72	3,199.03 3,297.99 3,334.62	-20.59 -33.47 -39.05	10.17 16.53 19.28	-20.61 -33.50 -39.08	2.00 2.00 2.00	2.00 2.00 2.00	0.00 0.00 0.00
	3,400.00 3,500.00	° Inc at 153.72 10.00 10.00	153.72 153.72	3,396.51 3,494.99	-48.84 -64.41	24.12 31.81	-48.87 -64.46	0.00 0.00	0.00 0.00	0.00 0.00
	3,589.98 Cherry Car	10.00 nyon	153.72	3,583.60	-78.42	38.73	-78.48	0.00	0.00	0.00
	3,600.00 3,700.00 3,800.00 3,900.00	10.00 10.00 10.00 10.00	153.72 153.72 153.72 153.72	3,593.47 3,691.95 3,790.43 3,888.91	-79.98 -95.56 -111.13 -126.71	39.50 47.19 54.88 62.57	-80.05 -95.63 -111.22 -126.81	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
	4,000.00 4,100.00 4,200.00 4,295.49	10.00 10.00 10.00 10.00	153.72 153.72 153.72 153.72	3,987.39 4,085.87 4,184.35 4,278.38	-142.28 -157.86 -173.43 -188.30	70.27 77.96 85.65 92.99	-142.39 -157.98 -173.57 -188.45	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
	Begin 2.00 4,300.00	°/ 100' Drop 9.91	153.72	4,282.83	-189.00	93.34	-189.15	2.00	-2.00	0.00
	4,400.00 4,500.00 4,600.00 4,700.00 4,795.64	7.91 5.91 3.91 1.91 0.00	153.72 153.72 153.72 153.72 0.00	4,381.61 4,480.88 4,580.51 4,680.38 4,776.00	-202.89 -213.68 -221.36 -225.92 -227.35	100.20 105.53 109.32 111.57 112.28	-203.05 -213.85 -221.53 -226.09 -227.53	2.00 2.00 2.00 2.00 2.00	-2.00 -2.00 -2.00 -2.00 -2.00	0.00 0.00 0.00 0.00 0.00
	Begin Verti	ical Hold 0.00	0.00	4,818.60	-227.35	112.28	-227.53	0.00	0.00	0.00
	Brushy Ca 6,430.24		0.00	6,410.60	-227.35	112.28	-227.53	0.00	0.00	0.00
	Bone Sprin 6,766.24 Upper Aval	0.00	0.00	6,746.60	-227.35	112.28	-227.53	0.00	0.00	0.00
		0.00 pring Sand	0.00	7,323.60	-227.35	112.28	-227.53	0.00	0.00	0.00
		0.00 Spring Carbon		7,574.60	-227.35	112.28	-227.53	0.00	0.00	0.00
	8,172.24 2nd Bone \$	0.00 Spring Sand	0.00	8,152.60	-227.35	112.28	-227.53	0.00	0.00	0.00







Database: Company: Project:

Site:

USAEDMDB

Marathon Oil Permian LLC Eddy County, NM (NAD27-NME)

Cobra Cobretti

Well: Wellbore: Cobra Cobretti BS Federal Com 552H

ОН

Design: Plan 2 08-27-24

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Cobra Cobretti BS Federal Com 552H

RKB @ 2939.60usft (Cactus 171) RKB @ 2939.60usft (Cactus 171)

Grid

nec	d Survey									
N	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)
	8,271.68 KOP2. Bea	0.00 in 10.00°/100'	0.00 Build	8,252.04	-227.35	112.28	-227.53	0.00	0.00	0.00
	8,300.00 8,400.00 8,500.00	2.83 12.83 22.83	359.91 359.91 359.91	8,280.35 8,379.29 8,474.36	-226.65 -213.04 -182.46	112.28 112.25 112.21	-226.83 -213.22 -182.63	10.00 10.00 10.00	10.00 10.00 10.00	0.00 0.00 0.00
	8,512.82	24.11	359.91	8,486.12	-177.35	112.20	-177.53	10.00	10.00	0.00
		8512.82' MD,								
	8,519.94 3rd Bone S	24.83 Spring Carbon	359.91 ate	8,492.60	-174.40	112.20	-174.58	10.00	10.00	0.00
	8,600.00 8,700.00	32.83 42.83	359.91 359.91	8,562.68 8,641.56	-135.83 -74.57	112.14 112.04	-136.01 -74.75	10.00 10.00	10.00 10.00	0.00 0.00
	8,800.00	52.83	359.91	8,708.61	-0.55	111.93	-0.72	10.00	10.00	0.00
	8,900.00 9,000.00	62.83 72.83	359.91 359.91	8,761.78 8,799.47	83.99 176.48	111.80 111.66	83.82 176.31	10.00 10.00	10.00 10.00	0.00 0.00
	9,100.00	82.83	359.91	8,820.52	274.11	111.51	273.94	10.00	10.00	0.00
	9,171.68	90.00	359.91	8,825.00	345.61	111.40	345.43	10.00	10.00	0.00
	9,200.00	90.00 90.00	359.91	8,825.00	373.92	111.36	373.75	0.00	0.00	0.00
	9,300.00	90.00	359.91	8,825.00	473.92	111.21	473.75	0.00	0.00	0.00
	9,400.00 9,500.00	90.00 90.00	359.91 359.91	8,825.00 8,825.00	573.92 673.92	111.05 110.90	573.75 673.75	0.00 0.00	0.00 0.00	0.00 0.00
	9,600.00	90.00	359.91	8,825.00	773.92	110.90	773.75	0.00	0.00	0.00
	9,700.00	90.00	359.91	8,825.00	873.92	110.75	873.75	0.00	0.00	0.00
	9,800.00 9,900.00	90.00 90.00	359.91 359.91	8,825.00 8,825.00	973.92 1,073.92	110.44 110.29	973.75 1,073.75	0.00 0.00	0.00 0.00	0.00 0.00
	10,000.00	90.00	359.91	8,825.00	1,173.92	110.14	1,173.75	0.00	0.00	0.00
	10,100.00	90.00	359.91	8,825.00	1,273.92	109.98	1,273.75	0.00	0.00	0.00
	10,200.00	90.00	359.91	8,825.00	1,373.92	109.83	1,373.75	0.00	0.00	0.00
	10,300.00	90.00	359.91	8,825.00	1,473.92	109.68	1,473.75	0.00	0.00	0.00
	10,400.00 10,500.00	90.00 90.00	359.91 359.91	8,825.00 8,825.00	1,573.92 1,673.92	109.53 109.37	1,573.75 1,673.75	0.00 0.00	0.00 0.00	0.00 0.00
	10,600.00	90.00	359.91	8,825.00	1,773.92	109.37	1,773.75	0.00	0.00	0.00
	10,700.00	90.00	359.91	8,825.00	1,873.92	109.07	1,873.75	0.00	0.00	0.00
	10,800.00 10,900.00	90.00 90.00	359.91 359.91	8,825.00 8,825.00	1,973.92 2,073.92	108.92 108.76	1,973.75 2,073.75	0.00 0.00	0.00 0.00	0.00 0.00
	11,000.00	90.00	359.91	8,825.00	2,173.92	108.61	2,173.75	0.00	0.00	0.00
	11,100.00	90.00	359.91	8,825.00	2,273.92	108.46	2,273.75	0.00	0.00	0.00
	11,200.00	90.00	359.91	8,825.00	2,373.92	108.30	2,373.75	0.00	0.00	0.00
	11,300.00	90.00	359.91	8,825.00	2,473.92	108.15	2,473.75	0.00	0.00	0.00
	11,400.00 11,500.00	90.00 90.00	359.91 359.91	8,825.00 8,825.00	2,573.92 2,673.92	108.00 107.85	2,573.75 2,673.75	0.00 0.00	0.00 0.00	0.00 0.00
	11,600.00	90.00	359.91	8,825.00 8,825.00	2,673.92 2,773.92	107.85	2,073.75	0.00	0.00	0.00
	11,700.00	90.00	359.91	8,825.00	2,873.92	107.54	2,873.75	0.00	0.00	0.00
	11,800.00 11,900.00	90.00 90.00	359.91 359.91	8,825.00 8,825.00	2,973.92 3,073.92	107.39 107.24	2,973.75 3,073.75	0.00 0.00	0.00 0.00	0.00 0.00
	12,000.00	90.00	359.91	8,825.00	3,173.92	107.08	3,173.75	0.00	0.00	0.00
	12,100.00	90.00	359.91	8,825.00	3,273.92	106.93	3,273.75	0.00	0.00	0.00
	12,200.00	90.00	359.91	8,825.00	3,373.92	106.78	3,373.75	0.00	0.00	0.00
	12,300.00	90.00	359.91	8,825.00	3,473.92	106.62	3,473.75	0.00	0.00	0.00
	12,400.00 12,500.00	90.00 90.00	359.91 359.91	8,825.00 8,825.00	3,573.92 3,673.92	106.47 106.32	3,573.75 3,673.75	0.00 0.00	0.00 0.00	0.00 0.00
	12,500.00	90.00	359.91	8,825.00	3,773.92	106.32	3,773.75	0.00	0.00	0.00
		00.00	359.91	8,825.00	3,873.92	106.01	3,873.75	0.00	0.00	0.00







Database: Company: Project:

Site:

USAEDMDB

Marathon Oil Permian LLC Eddy County, NM (NAD27-NME)

Cobra Cobretti

Well: Wellbore: Cobra Cobretti BS Federal Com 552H

OH

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Cobra Cobretti BS Federal Com 552H

RKB @ 2939.60usft (Cactus 171) RKB @ 2939.60usft (Cactus 171)

Grid

Design:	Plan 2 08-27	'-24							
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)
12,800.00	90.00	359.91	8,825.00	3,973.92	105.86	3,973.75	0.00	0.00	0.00
12,900.00	90.00	359.91	8,825.00	4,073.92	105.71	4,073.75	0.00	0.00	0.00
13,000.00	90.00	359.91	8,825.00	4,173.92	105.56	4,173.75	0.00	0.00	0.00
13,100.00	90.00	359.91	8,825.00	4,273.92	105.40	4,273.75	0.00	0.00	0.00
13,200.00	90.00	359.91	8,825.00	4,373.92	105.25	4,373.75	0.00	0.00	0.00
13,300.00	90.00	359.91	8,825.00	4,473.92	105.10	4,473.75	0.00	0.00	0.00
13,400.00	90.00	359.91	8,825.00	4,573.92	104.94	4,573.75	0.00	0.00	0.00
13,500.00	90.00	359.91	8,825.00	4,673.92	104.79	4,673.75	0.00	0.00	0.00
13,600.00	90.00	359.91	8,825.00	4,773.92	104.64	4,773.75	0.00	0.00	0.00
13,700.00	90.00	359.91	8,825.00	4,873.92	104.49	4,873.75	0.00	0.00	0.00
13,800.00	90.00	359.91	8,825.00	4,973.92	104.33	4,973.75	0.00	0.00	0.00
13,900.00	90.00	359.91	8,825.00	5,073.92	104.18	5,073.75	0.00	0.00	0.00
14,000.00	90.00	359.91	8,825.00	5,173.92	104.03	5,173.75	0.00	0.00	0.00
14,100.00	90.00	359.91	8,825.00	5,273.92	103.88	5,273.75	0.00	0.00	0.00
14,200.00	90.00	359.91	8,825.00	5,373.92	103.72	5,373.75	0.00	0.00	0.00
14,300.00	90.00	359.91	8,825.00	5,473.92	103.57	5,473.75	0.00	0.00	0.00
14,400.00	90.00	359.91	8,825.00	5,573.92	103.42	5,573.75	0.00	0.00	0.00
14,500.00	90.00	359.91	8,825.00	5,673.92	103.27	5,673.75	0.00	0.00	0.00
14,600.00	90.00	359.91	8,825.00	5,773.92	103.11	5,773.75	0.00	0.00	0.00
14,700.00	90.00	359.91	8,825.00	5,873.92	102.96	5,873.75	0.00	0.00	0.00
14,800.00	90.00	359.91	8,825.00	5,973.92	102.81	5,973.75	0.00	0.00	0.00
14,900.00	90.00	359.91	8,825.00	6,073.92	102.65	6,073.75	0.00	0.00	0.00
15,000.00	90.00	359.91	8,825.00	6,173.92	102.50	6,173.75	0.00	0.00	0.00
15,100.00	90.00	359.91	8,825.00	6,273.92	102.35	6,273.75	0.00	0.00	0.00
15,200.00	90.00	359.91	8,825.00	6,373.92	102.20	6,373.75	0.00	0.00	0.00
15,300.00	90.00	359.91	8,825.00	6,473.92	102.04	6,473.75	0.00	0.00	0.00
15,400.00	90.00	359.91	8,825.00	6,573.92	101.89	6,573.75	0.00	0.00	0.00
15,500.00	90.00	359.91	8,825.00	6,673.92	101.74	6,673.75	0.00	0.00	0.00
15,600.00	90.00	359.91	8,825.00	6,773.92	101.59	6,773.75	0.00	0.00	0.00
15,700.00	90.00	359.91	8,825.00	6,873.92	101.43	6,873.75	0.00	0.00	0.00
15,800.00	90.00	359.91	8,825.00	6,973.92	101.28	6,973.75	0.00	0.00	0.00
15,900.00	90.00	359.91	8,825.00	7,073.92	101.13	7,073.75	0.00	0.00	0.00
16,000.00	90.00	359.91	8,825.00	7,173.92	100.97	7,173.75	0.00	0.00	0.00
16,100.00	90.00	359.91	8,825.00	7,273.92	100.82	7,273.75	0.00	0.00	0.00
16,200.00	90.00	359.91	8,825.00	7,373.92	100.67	7,373.75	0.00	0.00	0.00
16,300.00	90.00	359.91	8,825.00	7,473.92	100.52	7,473.75	0.00	0.00	0.00
16,400.00	90.00	359.91	8,825.00	7,573.92	100.36	7,573.75	0.00	0.00	0.00
16,500.00	90.00	359.91	8,825.00	7,673.92	100.21	7,673.75	0.00	0.00	0.00
16,600.00	90.00	359.91	8,825.00	7,773.92	100.06	7,773.75	0.00	0.00	0.00
16,700.00	90.00	359.91	8,825.00	7,873.92	99.91	7,873.75	0.00	0.00	0.00
16,800.00	90.00	359.91	8,825.00	7,973.92	99.75	7,973.75	0.00	0.00	0.00
16,900.00	90.00	359.91	8,825.00	8,073.92	99.60	8,073.75	0.00	0.00	0.00
17,000.00	90.00	359.91	8,825.00	8,173.92	99.45	8,173.75	0.00	0.00	0.00
17,100.00	90.00	359.91	8,825.00	8,273.92	99.30	8,273.75	0.00	0.00	0.00
17,200.00	90.00	359.91	8,825.00	8,373.92	99.14	8,373.75	0.00	0.00	0.00
17,300.00	90.00	359.91	8,825.00	8,473.92	98.99	8,473.75	0.00	0.00	0.00
17,400.00	90.00	359.91	8,825.00	8,573.92	98.84	8,573.75	0.00	0.00	0.00
17,500.00	90.00	359.91	8,825.00	8,673.92	98.68	8,673.75	0.00	0.00	0.00
17,500.00	90.00	359.91	8,825.00	8,773.92	98.53	8,773.75	0.00	0.00	0.00
17,700.00	90.00	359.91	8,825.00	8,873.92	98.38	8,873.75	0.00	0.00	0.00
17,800.00	90.00	359.91	8,825.00	8,973.92	98.23	8,973.75	0.00	0.00	0.00
17,900.00	90.00	359.91	8,825.00	9,073.92	98.07	9,073.75	0.00	0.00	0.00
18,000.00	90.00	359.91	8,825.00	9,173.91	97.92	9,173.75	0.00	0.00	0.00
18,100.00	90.00	359.91	8,825.00	9,273.91	97.77	9,273.75	0.00	0.00	0.00







Database: Company: Project:

Site:

USAEDMDB

Marathon Oil Permian LLC Eddy County, NM (NAD27-NME)

Cobra Cobretti

Well: Cobra Cobretti BS Federal Com 552H

Wellbore: OH

Design: Plan 2 08-27-24

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Survey Calculation Method:

Well Cobra Cobretti BS Federal Com 552H

RKB @ 2939.60usft (Cactus 171) RKB @ 2939.60usft (Cactus 171)

Grid

Plann	ed 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)
	18,200.00	90.00	359.91	8,825.00	9,373.91	97.62	9,373.75	0.00	0.00	0.00
	18,300.00 18,400.00 18,500.00 18,600.00 18,700.00	90.00 90.00 90.00 90.00 90.00	359.91 359.91 359.91 359.91 359.91	8,825.00 8,825.00 8,825.00 8,825.00 8,825.00	9,473.91 9,573.91 9,673.91 9,773.91 9,873.91	97.46 97.31 97.16 97.00 96.85	9,473.75 9,573.75 9,673.75 9,773.75 9,873.75	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
	18,800.00 18,900.00 19,000.00 19,100.00 19,179.32	90.00 90.00 90.00 90.00 90.00	359.91 359.91 359.91 359.91 359.91	8,825.00 8,825.00 8,825.00 8,825.00 8,825.00	9,973.91 10,073.91 10,173.91 10,273.91 10,353.23	96.70 96.55 96.39 96.24 96.12	9,973.75 10,073.75 10,173.75 10,273.75 10,353.07	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
	Begin 2.00	°/100' Turn								
	19,200.00 19,255.84	90.00 90.00	0.33 1.44	8,825.00 8,825.00	10,373.91 10,429.74	96.16 97.03	10,373.75 10,429.58	2.00 2.00	0.00 0.00	2.00 2.00
	Hold 1.44°			-,	,		,			
	19,300.00 19,400.00 19,500.00	90.00 90.00 90.00	1.44 1.44 1.44	8,825.00 8,825.00 8,825.00	10,473.89 10,573.86 10,673.83	98.14 100.66 103.17	10,473.72 10,573.69 10,673.65	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
	19,600.00 19,700.00 19,800.00 19,900.00 20,000.00	90.00 90.00 90.00 90.00 90.00	1.44 1.44 1.44 1.44	8,825.00 8,825.00 8,825.00 8,825.00 8,825.00	10,773.80 10,873.77 10,973.73 11,073.70 11,173.67	105.69 108.21 110.73 113.25 115.76	10,773.62 10,873.58 10,973.55 11,073.51 11,173.47	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
	20,100.00 20,200.00 20,300.00 20,400.00 20,500.00	90.00 90.00 90.00 90.00 90.00	1.44 1.44 1.44 1.44	8,825.00 8,825.00 8,825.00 8,825.00 8,825.00	11,273.64 11,373.61 11,473.57 11,573.54 11,673.51	118.28 120.80 123.32 125.84 128.35	11,273.44 11,373.40 11,473.37 11,573.33 11,673.30	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
	20,600.00 20,700.00 20,800.00 20,900.00 21,000.00	90.00 90.00 90.00 90.00 90.00	1.44 1.44 1.44 1.44	8,825.00 8,825.00 8,825.00 8,825.00 8,825.00	11,773.48 11,873.45 11,973.42 12,073.38 12,173.35	130.87 133.39 135.91 138.43 140.95	11,773.26 11,873.22 11,973.19 12,073.15 12,173.12	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
	21,100.00 21,200.00 21,300.00 21,400.00 21,500.00	90.00 90.00 90.00 90.00 90.00	1.44 1.44 1.44 1.44	8,825.00 8,825.00 8,825.00 8,825.00 8,825.00	12,273.32 12,373.29 12,473.26 12,573.23 12,673.19	143.46 145.98 148.50 151.02 153.54	12,273.08 12,373.04 12,473.01 12,572.97 12,672.94	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
	21,600.00 21,700.00 21,720.16	90.00 90.00 90.00	1.44 1.44 1.44	8,825.00 8,825.00 8,825.00	12,773.16 12,873.13 12,893.28	156.05 158.57 159.08	12,772.90 12,872.87 12,893.01	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
	TD at 2172	0.16								







Database: USAEDMDB

Company: Marathon Oil Permian LLC
Project: Eddy County, NM (NAD27-NME)

Site: Cobra Cobretti

Well: Cobra Cobretti BS Federal Com 552H

Wellbore: OH

Design: Plan 2 08-27-24

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well Cobra Cobretti BS Federal Com 552H

RKB @ 2939.60usft (Cactus 171) RKB @ 2939.60usft (Cactus 171)

Grid

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
LTP/BHLv2 - CC BS F - plan hits target c - Rectangle (sides	enter	1.44 2,540.84 D	8,825.00 0.00)	12,893.28	159.08	432,244.87	591,729.3032	° 11' 16.838200 N 04'	° 2' 12.556490 W
PI1 - CC BS Fed 552I - plan hits target of - Rectangle (sides	enter		8,825.00 D0.00)	10,353.23	96.12	429,704.82	591,666.3432°	° 10' 51.702787 N 04'	° 2' 13.370556 W
FTP/PPP1v2 - CC BS - plan misses targ - Point			8,825.00 at 8747.03	-177.35 usft MD (867	112.20 '4.70 TVD, -4	419,174.24 1.22 N, 111.99 E)	,	32° 9' 7.488131 N 04	° 2' 13.520743 W

Formations						
	Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
	559.60	559.60	Salado		0.000	359.30
	1,195.60	1,195.60	Castile		0.000	359.30
	2,546.60	2,546.60	Base of Salt (BX)		0.000	359.30
	2,678.60	2,678.60	Lamar		0.000	359.30
	2,706.60	2,706.60	Bell Canyon		0.000	359.30
	3,589.98	3,583.60	Cherry Canyon		0.000	359.30
	4,838.24	4,818.60	Brushy Canyon		0.000	359.30
	6,430.24	6,410.60	Bone Spring Lime		0.000	359.30
	6,766.24	6,746.60	Upper Avalon Shale		0.000	359.30
	7,343.24	7,323.60	1st Bone Spring Sand		0.000	359.30
	7,594.24	7,574.60	2nd Bone Spring Carbonate		0.000	359.30
	8,172.24	8,152.60	2nd Bone Spring Sand		0.000	359.30
	8,519.94	8,492.60	3rd Bone Spring Carbonate		0.000	359.30

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coor +N/-S (usft)	dinates +E/-W (usft)	Comment
2,837.00	2,837.00	0.00	0.00	KOP, Begin 2.00°/100' Build
3,337.15	3,334.62	-39.05	19.28	Hold 10.00° Inc at 153.72° Azm
4,295.49	4,278.38	-188.30	92.99	Begin 2.00°/100' Drop
4,795.64	4,776.00	-227.35	112.28	Begin Vertical Hold
8,271.68	8,252.04	-227.35	112.28	KOP2, Begin 10.00°/100' Build
8,512.82	8,486.12	-177.35	112.20	FTP/PPP1: 8512.82' MD, 8486.12' TVD
9,171.68	8,825.00	345.61	111.40	LP, Hold 90.00° Inc at 359.91° Azm
19,179.32	8,825.00	10,353.23	96.12	Begin 2.00°/100' Turn
19,255.84	8,825.00	10,429.74	97.03	Hold 1.44° Azm
21,720.16	8,825.00	12,893.28	159.08	TD at 21720.16

District IV

1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 <u>District II</u> 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

■ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

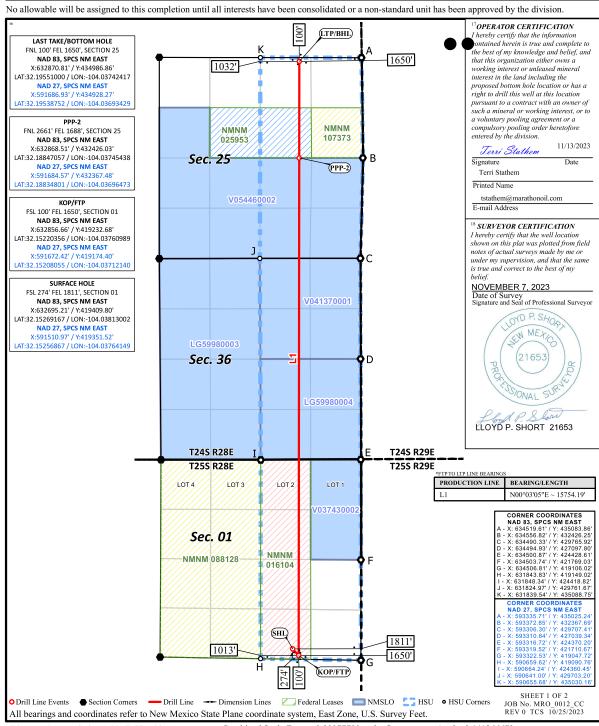
API Number O O O		² Pool Code		
30-015-55320		64450	E SPRING	
4 Property Code			operty Name	6 Well Number
336005		COBRA COBRET	TI BS FEDERAL COM	552H
7 OGRID No.		* O _I	perator Name	⁹ Elevation
372098		MARATHON	OIL PERMIAN LLC	2915'

¹⁰ Surface Location

- [UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
١	O	1 1	25S	28E		274'	SOUTH	1811'	EAST	EDDY
ı										
				1.1						

¹¹ Bottom Hole Location If Different From Surface

	UL or lot no.	Section	T	Fownship	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	B I	2.5		24S	28E		100'	NORTH	1650'	EAST	EDDY
\vdash		43						1101111	1000	Ei IS I	LDD I
	¹² Dedicated Acres	- 1	13 Joint or	Infill	14 Conse	olidation Code	15 Order No.				
	960.08	- 1									
	900.08										



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Submit Electronically Via OCD Permitting

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

	X Initial Submittal
Submittal	Amended Report
Гуре:	☐ As Drilled

Revised July 9, 2024

								As	Drilled	
					WELL LOCATIO	N INFORMATION				
API Nur	nber		Pool Code			Pool Name				
	30-015-55	320		(64450	w				
Property	y Code		Property Na	ame				Well Number		
	336005				COBRA COBRETTI	BS FEDERAL CO	M	5521	Н	
OGRID	No.		Operator N	ame				Ground Level Elevat	ion	
	37209	8			MARATHON OI	L PERMIAN LLC		2910	5'	
Surface	e Owner: [State	Fee T	ribal X	Federal	Mineral Owner: X	State Fee	Tribal X Federal		
					Surface	Location				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County	
O	01	25S	28E		276' FSL	1752' FEL	32.15269140	-104.03793856	EDDY	
					Rottom Ho	la Lacation				
UL	Section	Township	Range	Lot	Ft. from N/S	le Location Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County	
J	25	24S	28E		2540' FSL	1640' FEL	32.18813318	-104.03731089	EDDY	
		2.15	1 202		25 10 152	1010122	32.10013310	101.03731007	LDD I	
Dedicat	ad Acres	Infill or Defi	ning Well	Defini	ng Well API	Overlapping Spacing Un	it (V/N)	Consolidation Code		
Dedicated Acres Infill or Defining Well 800.08				Demin	ig weii7ii i	Overlapping spacing on	it (1/14)	Consolidation Code		
Order 1	Numbers:					Well setbacks are unde	er Common Ownership	: Yes N)	
					Kick Off P	oint (KOP)				
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County	
O	01	25S	28E		100' FSL	1640' FEL	32.15220304	-104.03757758	EDDY	
		•	•	•	First Take	Point (FTP)	•			
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County	
O	01	25S	28E		100' FSL	1640' FEL	32.15220304	-104.03757758	EDDY	
				•	Last Take	Point (LTP)	•			
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD83)	Longitude (NAD83)	County	
J	25	24S	28E		2540' FSL	1640' FEL	32.18813318	-104.03731089	EDDY	
Unitized	d Area or Area	of Uniform Inte	rest				Ground Floor	Elevation		
				Spacii	ng Unit Type: X Horizo	ontal Vertical		2916'		
OPER	ATOR CE	RTIFICATIO	NS			SURVEYOR CERT	ΓΙΓΙCATIONS			
I hereby knowled either o propose contrac	v certify that th dge and belief, wns a working ed bottom hole t with an owne	ne information co and, if the well a interest or unle location or has er of a working in	ontained herein is a vertical or ased mineral in a right to drill nterest or unlec	directiona nterest in t this well a ased miner	d complete to the best of my l well, that this organization he land including the t this location pursuant to a tal interest, or to a voluntary ttered by the division.	I hereby certify that the w	vell location shown on this ne or under my supervision	n, and that the same is tr		
						ĺ	10,010	(10p)		

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.

Adrian Covarrubias

Printed Name

acovarrubias@marathonoil.com

Email Address



Signature and Seal of Professional Surveyor

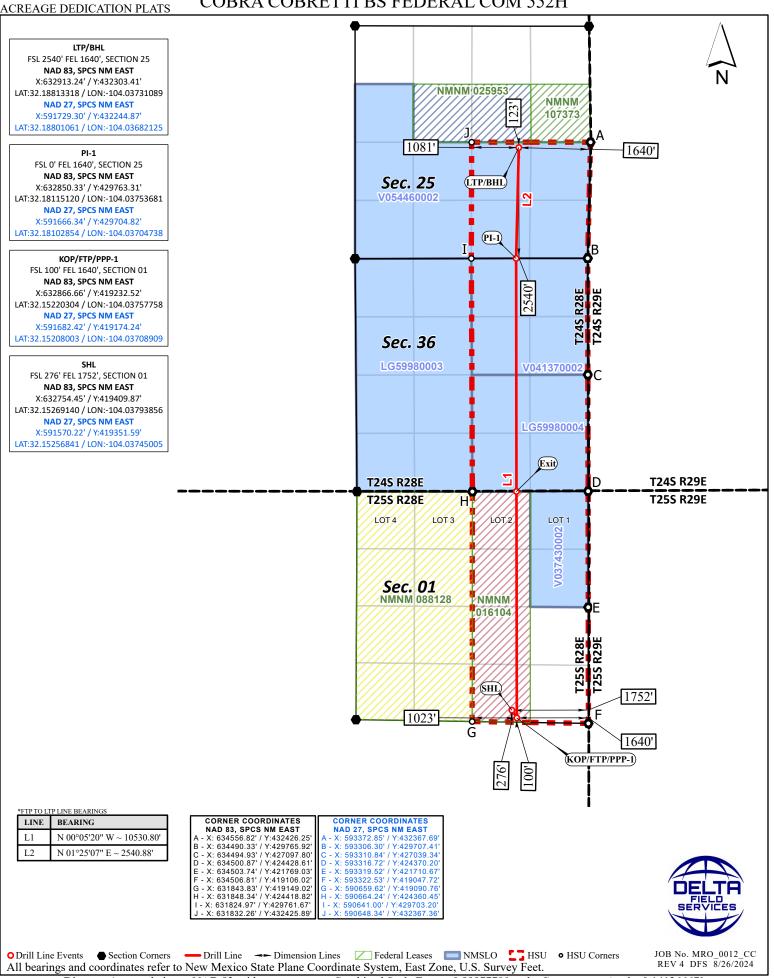
21653

Certificate Number

Date of Survey

AUGUST 26, 2024

COBRA COBRETTI BS FEDERAL COM 552H



MARATHON OIL PERMIAN, LLC. DRILLING AND OPERATIONS PLAN



WELL NAME & NUMBER:

COBRA COBRETTI BS FEDERAL COM 552H

LOCATION: SECTION 1 TOWNSHIP 25S RANGE 28E

EDDY COUNTY, NEW MEXICO

Section 1:

GEOLOGICAL FORMATIONS

Name of Surface Formation:PermianElevation:2916 feet

Estimated Tops of Important Geological Markers:

Formation	TVD (ft)	MD (ft)	Elevation (ft SS)	Lithologies	Mineral Resources	Producing Formation?
Rustler		27	2916	Anhydrite	Brine	No
Salado	573	600	2343	Salt/Anhydrite	Brine	No
Castile	1209	1236	1707	Salt/Anhydrite	Brine	No
Base of Salt (BX)	2560	2587	356	Salt/Anhydrite	Brine	No
Lamar	2692	2719	224	Sandstone/Shale	None	No
Bell Canyon	2720	2747	196	Sandstone	Oil	No
Cherry Canyon	3597	3624	-681	Sandstone	Oil	No
Brushy Canyon	4832	4859	-1916	Sandstone	Oil	No
Bone Spring Lime	6424	6451	-3508	Limestone	None	No
Upper Avalon Shale	6760	6787	-3844	Shale	Oil	Yes
1st Bone Spring Sand	7337	7364	-4421	Sandstone	Oil	Yes
2nd Bone Spring Carbonate	7588	7615	-4672	Limestone/Shale	None	No
2nd Bone Spring Sand	8166	8193	-5250	Sandstone	Oil	Yes
3rd Bone Spring Carbonate	8506	8533	-5590	Limestone	Oil	No
3rd Bone Spring Sand	9273	9300	-6357	Sandstone	Oil	Yes
Wolfcamp	9637	9664	-6721	Sandstone/Shale/Carbonates	Natural Gas / Oil	Yes
Wolfcamp A	9791	9818	-6875	Sandstone/Shale/Carbonates	Natural Gas / Oil	Yes
Wolfcamp B	10092	10119	-7176	Sandstone/Shale/Carbonates	Natural Gas / Oil	No
Wolfcamp C	10332	10359	-7416	Sandstone/Shale/Carbonates	Natural Gas / Oil	Yes
Wolfcamp D	10837	10864	-7921	Sandstone/Shale/Carbonates	Natural Gas / Oil	Yes
Strawn	11878	11905	-8962	Carbonates/Sands/Clays	Natural Gas	Possible

Section 2:

BLOWOUT PREVENTER TESTING PROCEDURE

Pressure Rating (PSI): 10M Rating Depth: 10000

Equipment: 13 5/8 BOP Annular (5,000 psi WP) and BOP Stack (10,000 psi WP) will be installed and tested before drilling all holes.

Requesting Variance?

Yes

Variance Request:

A variance is requested for the use of a flexible choke line from the BOP to Choke Manifold. See attached for specs and hydrostatic test chart.

Testing Procedure:

BOP/BOPE will be tested to 250 psi low and a high of 100% WP for the Annular and 5,000psi for the BOP Stacking before drilling the intermediate hole, 10,000psi for the BOP Stacking before drilling the production hole. Testing will be conducted by an independent service company per Onshore Order 2 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the Equipment Description above. If the system is upgraded all the components installed will be functional and tested.

Pipe rams will be operationally checked each 24 hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment will include a Kelly cock, full opening safety valve / inside BOP and choke lines and choke manifold. See attached schematics.

Formation integrity test will be performed per Onshore Order #2. On Exploratory wells or 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. Will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.i. A multibowl wellhead is being used. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested. See attached schematic.

Marathon Oil Permian LLC.

Drilling & Operations Plan - Page 2 of 3

Section 3:							CASIN	IG PROGI	RAM								
String Type	Hole Size	Casing Size	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Weight (lbs/ft)	Grade	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
Surface	17.5	13.375	0	500	0	527	2916	2389	54.5	J55	втс	5.22	1.81	BUOY	4.52	BUOY	4.52
Intermediate	12.25	9.625	0	8147	0	8127	2916	-5211	40	P110HC	BTC	1.20	1.42	BUOY	2.44	BUOY	2.44
Production	8.75	5.5	0	21695	0	8800	2916	-5884	23	P110HC	TLW	2.53	1.26	BUOY	2.22	BUOY	2.22
	All casi	ing strings	will be test	ted in accor	dance with	Onshore (Oil and Gas	Order #2 I	II.B.1.h	•			Safety	Factors wi	ll Meet or	Exceed	

Casing Condition: New
Casing Standard: API
Tapered String? No

Yes or No

	Yes or No
Is casing new? If used, attach certification as required in Onshore Order #1.	Yes
Does casing meet API specifications? If no, attach casing specification sheet.	Yes
Is premium or uncommon casing planned? If yes attach casing specification sheet.	No
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Yes
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Yes
Is well located within Capitan Reef?	No
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is proposed well within the designated four string boundary?	
Is well located in R-111-P and SOPA?	No
If yes, are the first three strings cemented to surface?	
Is the second string set 100' to 600' below the base of salt?	
Is well located in SOPA but not in R-111-P?	No
If yes, are the first 2 strings cemented to surface and third string cement tied back 500' into previous casing?	
Is well located in high Cave/Karst?	No
If yes, are there two strings cemented to surface?	
If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	No
If yes, are there three strings cemented to surface?	

Section 4:	CEMENT PROGRAM												
String Type	Lead/Tail	Top MD	Bottom MD	Quantity (sks)	Yield (ft³/sks)	Density (ppg)	Slurry Volume (ft³)	Excess (%)	Cement Type	Additives			
Surface	Lead	0	350	166	2.12	12.5	353	25	Class C	Extender,Accelerator,LCM			
Surface	Tail	350	500	99	1.32	14.8	130	25	Class C	Accelerator			
Intermediate	Lead	0	7647	1387	2.18	12.4	3025	25	Class C	Extender,Accelerator,LCM			
Intermediate	Tail	7647	8147	147	1.33	14.8	196	25	Class C	Retarder			
Production	Tail	7847	21695	2643	1.68	13	4441	25	Class H	Retarder, Extender, Fluid Loss, Suspension Agent			

Stage tool depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. Stage tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Pilot Hole? No Plugging Procedure for Pilot Hole: N/A

Pilot Hole Depth: N/A KOP Depth: N/A

Plug Top	Plug Bottom	Excess (%)	Quantity (sx)	Density (ppg)	Yield (ft3/sks)	Water gal/sk	Slurry Description and Cement Type

Marathon Oil Permian LLC.

Drilling & Operations Plan - Page 3 of 3

Section 5: CIRCULATING MEDIUM

Mud System Type: Closed Will an air or gas system be used? No

Describe what will be on location to control well or mitigate other conditions:

The necessary mud products for additional weight and fluid loss control will be on location at all times.

Describe the mud monitoring system utilized:

Losses or gains in the mud system will be monitored visually/manually as well as with an electronic PVT.

Circulating Medium Table:

Top Depth	Bottom Depth	Mud Type	Min. Weight (ppg)	Max Weight (ppg)
0	500	Water Based Mud	8.4	8.8
500	8147	Brine or Oil Based Mud	9.2	10.2
8147	21695	Oil Based Mud	10.5	12.5

Section 6:

TESTING, LOGGING, CORING

List of production tests including testing procedures, equipment and safety measures:

GR from TD to surface (horizontal well - vertical portion of hole)

List of open and cased hole logs run in the well:

GR while drilling from Intermediate casing shoe to TD.

Coring operation description for the well:

Run gamma-ray (GR) and corrected neutron log (CNL) or analogous to surface for future development of the area, one per shared well pad not to exceed 200' radial distance.

Section 7:	ANTICIPATED PRESSURE	
Anticipated Bottom Hole Pressure:	5720 PSI	
Anticipated Bottom Hole Temperature:	195 °F	
Anticipated Abnormal Pressure?	No	
Anticipated Abnormal Temperature?	No	

Potential Hazards:

H2S detection equipment will be in operation after drilling out the surface casing shoe until the production casing has been cemented. Breathing equipment will be on location from drilling out the surface shoe until production casing is cemented. If H2S is encountered the operator will comply with Onshore Order #6. 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 to drill this well. See attached H2S Contingency Plan.

Section 8: OTHER INFORMATION

Auxiliary Well Control and Monitoring Equipment:

A Kelly cock will be in the drill string at all times. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor unobstructed and readily accessible at all times.

Hydrogen Sulfide detection equipment will be in operation after drilling out the surface casing shoe until the production casing is cemented. Breathing equipment will be on location upon drilling the surface casing shoe until total depth is reached. If Hydrogen Sulfide is encountered, measured amounts and formations will be reported to the BLM.

Anticipated Starting Date and Duration of Operations:

Road and location construction will begin after the BLM has approved the APD. Anticipated spud date will be as soon as possible after BLM approval and as soon as a rig will be available. Move in operations and drilling is expected to take 30 days.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 390216

CONDITIONS

Operator:	OGRID:
MARATHON OIL PERMIAN LLC	372098
990 Town & Country Blvd.	Action Number:
Houston, TX 77024	390216
	Action Type:
	[C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still apply. Additionally, if cement is not circulated to surface during cementing operations, then a CBL is required.	10/10/2024