

Well Name: MEAT LOVER FEDERAL COM	Well Location: T23S / R33E / SEC 18 / NWNE / 32.311278 / -103.607356	County or Parish/State: LEA / NM
Well Number: 604H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC068848	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550281	Operator: COG OPERATING LLC	

Notice of Intent

Sundry ID: 2819390

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 10/29/2024	Time Sundry Submitted: 09:07
Date proposed operation will begin: 10/29/2024	

Procedure Description: COG Operating requests a change to our approved APD for this well to reflect a changes in SHL, BHL, and dedicated acres. Change SHL FROM: 270' FNL & 1370' FEL NWNE 18-23S-33E Change BHL FROM: 50' FSL & 2310' FEL SWSE 30-23S-33E Lea Co., NM Change SHL TO: 270' FNL & 1560' FEL NWNE 18-23S-33E Change BHL TO: 50' FSL & 1100' FEL SESE 30-23S-33E Lea Co, NM Change dedicated acres to 1894.72 ac. COG Operating requests a variance to allow for break testing as attached.

NOI Attachments

Procedure Description

- COP_BOP_Break_Testing_Documentation_6_07_23_20241029090706.pdf
- MEAT_LOVER_FEDERAL_COM_604H_drill_procedure_10_24_24_20241029090646.pdf
- MEAT_LOVER_FED_COM_604H_PPLOT_20241029090646.pdf
- MEAT_LOVER_FEDERAL_COM_604H_C_102_NAD83_signed_10_24_24_20241029090646.pdf
- MEAT_LOVER_FED_COM_604H_PLAN_RPT_20241029090646.pdf

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County or Parish/State: LEA / NM

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Allottee or Tribe Name:

Lease Number: NMLC068848

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002550281

Operator: COG OPERATING LLC

Conditions of Approval

Additional
BREAK_TESTING_APPROVAL_COA_20241216103052.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: STAN WAGNER

Signed on: OCT 29, 2024 09:07 AM

Name: COG OPERATING LLC

Title: Regulatory Advisor

Street Address: 600 WEST ILLINOIS AVE

City: MIDLAND**State:** TX

Phone: (432) 253-9685

Email address: STAN.S.WAGNER@CONOCOPHILLIPS.COM

Field

Representative Name:

Street Address:

City:**State:****Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 12/16/2024

Signature: Chris Walls

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
SUNDRY NOTICES AND REPORTS ON WELLS <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No.
		6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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

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

THE SPACE FOR FEDERAL OR STATE 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: NWNE / 270 FNL / 1370 FEL / TWSP: 23S / RANGE: 33E / SECTION: 18 / LAT: 32.311278 / LONG: -103.607356 (TVD: 0 feet, MD: 0 feet)

PPP: NWNE / 100 FNL / 2310 FEL / TWSP: 23S / RANGE: 33E / SECTION: 18 / LAT: 32.311755 / LONG: -103.610399 (TVD: 12307 feet, MD: 12400 feet)

PPP: NWNE / 1 FNL / 2310 FEL / TWSP: 23S / RANGE: 33E / SECTION: 19 / LAT: 32.297517 / LONG: -103.610385 (TVD: 12494 feet, MD: 17600 feet)

BHL: SWSE / 50 FSL / 2310 FEL / TWSP: 23S / RANGE: 33E / SECTION: 30 / LAT: 32.268622 / LONG: -103.610356 (TVD: 12550 feet, MD: 27982 feet)

CONFIDENTIAL

All other COAs still apply.

(Note: For a minimum 5M BOPE or less (Utilizing a 10M BOPE system))

BOPE Break Testing Variance

- BOPE Break Testing is ONLY permitted for 5M BOPE or less. **(Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP)**
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation.
- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer **(575-706-2779)** prior to the commencement of any BOPE Break Testing operations.
- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted (575-689-5981 Lea County) 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at 21-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per Onshore Oil and Gas Order No. 2.
- If in the event break testing is not utilized, then a full BOPE test would be conducted.

BOPE Break Testing Variance

Initial and 21 Day Testing of 10K BOP's:

Component	High Test Pressure	Low Test Pressure	Duration
Annular Preventer	5,000 psig	250 psig	10 min
Rams	5,000 psig	250 psig	10 min
Manifold	5,000 psig	250 psig	10 min
Wellhead	1,500 psig	-	10 min
Upper / Lower / Kelly Valves	5,000 psig	250 psig	10 min
TIW safety valves / Dart	5,000 psig	250 psig	10 min
Standpipe and mud line to pumps	5,000 psig	250 psig	10 min
Surface Casing (with 8.4 ppg fluid)	1,500 psig	-	30 min

*Equipment satisfies 10M BOPE but break test variance applies to 5M system

COG Production LLC formally requests variance from the minimum standards for well control equipment testing of Onshore Order No. 2 (item III.A.2.a.i) to allow break/shell testing of blowout preventor (BOP) and blowout prevention equipment (BOPE) during batch drilling operations of the intermediate hole section. This variance only applies to 5M BOPE or less formation.

Initial testing of the BOP will be conducted, verifying all components of BOP, BOPE, and choke manifold meet the minimum and maximum anticipated surface pressure (MASP) in accordance with API RP 53 and Onshore Order No. 2, reference table above. Once initial test pressures are achieved, shell testing of the BOP and choke manifold would be conducted within the time limit from initial test to the congruent 21-day test. A complete pressure test of the BOPE components will be completed no later than 21 days following the completion of the initial pressure test or latest complete BOP pressure test date succeeding the initial test, per API RP 53 (6.5.3.4.1 (d)).

BOP and BOPE Testing

- Minimum of Class 3 stack arrangement with one set of blind/blind shear rams and pipe rams shall be installed for a 5K pressure rated system per API RP 53 (6.1.2.9)
 - Classification - COP minimum of Class 3 arrangement apply for all Delaware Basin area wells.
 - Arrangement - Annular preventer, upper pipe rams, blind rams, mud cross, lower pipe rams
- Complete BOP and BOPE test performed at initial installation on well pad.
 - Initial test performed on well with deepest planned intermediate hole section (allowable 200' TVD variance between intermediate hole sections)
 - Annular preventer tested to 100 percent of MASP, or 70 percent of rated working pressure (RWP), whichever is greater.
 - Notify BLM 4 Hrs. prior to testing
- Complete BOP and BOPE test every 21 days in accordance with API RP 53 (6.5.3.4.1 (d)).
- BOP/BOPE shell test (inclusive of manifold shell test) performed during batch drilling operations during rig transition between wells (within the 21-day time limit per API RP 53).
- Function test BOP elements per API RP 53 (6.5.3.1).
 - Required on (1) initial installation of stack, (2) every 7 days, (3) after repair/replacement of any control components
 - Alternate between drillers panel and remote panel

Securing the Wellhead

- Prior to moving rig off check for flow
 - Ensure floats are holding, casing is full of kill mud and backside is static.
- Secure the well with sleeve/plug with BPV
- Disconnect BOP from the wellhead and walk with the rig to another well on the pad.
 - Utilizing BOP wrangler/cradle, maintaining control and upright position of the BOP during movement
- Once BOP is separated from wellhead the Temporary Abandonment (TA) cap will be installed per Wellhead vendor procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.
- Test TA cap to 5,000 psi for 10 min.

COG Production LLC believes that the combination of drilling fluid inside the casing, abandonment plug with BPV, casing and annular valves and the TA cap provide multiple barriers to ensure complete closure of the wellbore prior to skidding/walking the rig.

Break Testing

- Skid rig over the next well on pad and center over wellhead, N/U BOP with the use of the BOP quick connect.
- Shell test the BOP and choke manifold to 5,000 psig and 250 psig. Hold each test for 10 minutes.
 - In accordance with API RP 53 (6.5.3.4.1(b)) BOP shell test will satisfy pressure test of quick connect seals
 - Notify BLM 4 hours prior to testing
- RWP of BOP quick connect is 10K (Certificate of Conformance attached)

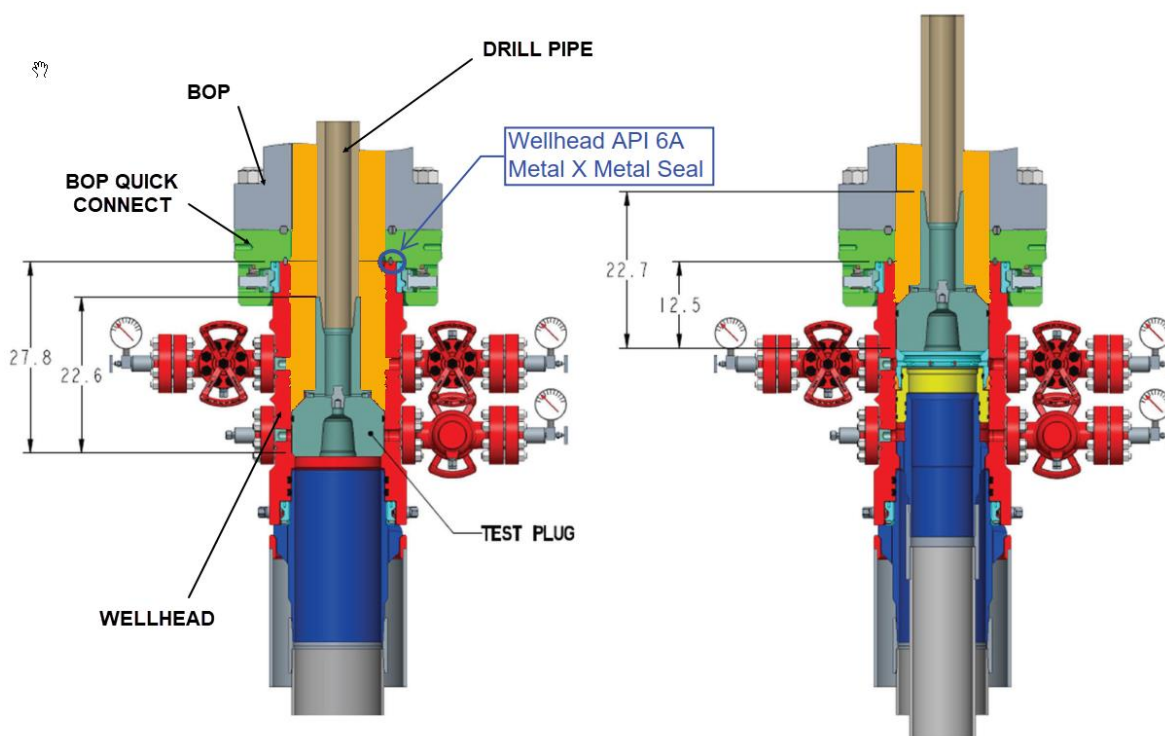


Figure 1: Test plug installed (The orange sections above indicate the areas exposed to the pressure test)

Example Well Control Plan Content

A. Well Control Component Table

This table, combined with the mud program, documents that two barriers to flow can be maintained at all times, independent of the BOP nipped up to the wellhead.

Intermediate hole section, 5M requirement

Component	RWP
Pack-off	10M
Casing Wellhead Valves	10M
Annular Wellhead Valves	5M
TA Plug	10M
Float Valves	5M
2" 1502 Lo-Torque Valves	10M

B. Well Control Procedures

Well control procedures are specific to the rig equipment and the operation at the time the kick occurs. Below are the minimal high-level tasks prescribed to assure a proper shut-in while circulating.

General Procedure

1. Sound alarm (alert crew).
2. Shut down pumps.
3. Shut-in Well (close valves to rig pits and open valve to rig choke line. Rig choke will already be in the closed position).
4. Confirm shut in.
5. Notify tool pusher/company representative.
6. Read and record the following:
 - a. SICP (Shut in Casing Pressure) and AP (Annular Pressure)
 - b. Pit gain
 - c. Time
 - d. Regroup and identify forward plan to continue circulating out kick via rig choke and mud/gas separator. Circulate and adjust mud density as needed to control well.

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1. Geologic Formations

TVD of target	12,415' EOL	Pilot hole depth	NA
MD at TD:	27,920'	Deepest expected fresh water:	345'

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hazards*
Quaternary Fill	Surface	Water	
Rustler	1310	Water	
Top of Salt	1805	Salt	
Base of Salt	4789	Salt	
Lamar	5074	Salt Water	
Bell Canyon	5149	Salt Water	
Cherry Canyon	5954	Oil/Gas	
Brushy Canyon	7424	Oil/Gas	
Bone Spring	8893	Oil/Gas	
1st Bone Spring Sand	10124	Oil/Gas	
2nd Bone Spring Sand	10739	Oil/Gas	
3rd Bone Spring Sand	11984	Oil/Gas	
Wolfcamp	12355	Oil/Gas	
Wolfcamp A	12539	Target Oil/Gas	

2. Casing Program

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Body	SF Joint
	From	To								
14.75"	0	1655	10.75"	45.5	J55	BTC	2.76	1.04	9.50	10.57
9.875"	0	8200	7.625"	29.7	L80-ICY	BTC	1.38	1.02	2.98	3.01
8.750"	8200	11830	7.625"	29.7	P110-ICY	W513	1.20	1.55	3.04	1.82
6.75"	0	11630	5.5"	23	P110-CY	BTC	1.85	2.03	2.73	2.73
6.75"	11630	27,920	5.5"	23	P110-CY	W441	1.73	2.03	2.55	2.32
BLM Minimum Safety Factor							1.125	1	1.6 Dry 1.8 Wet	1.6 Dry 1.8 Wet

Intermediate casing will be kept at least 1/3 full while running casing to mitigate collapse. Surface burst based on 0.7 frac gradient at the shoe with Gas Gradient 0.1 psi/ft to surface and All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

The 5 1/2" W441 casing will be run back 200' into the intermediate casing to ensure the coupling OD clearance is greater than .422" for the cement bond tie in.

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	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	Y
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary?	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

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3. Cementing Program

Casing	# Sks	Wt. lb/ gal	Yld ft3/ sack	H ₂ O gal/sk	500# Comp. Strength (hours)	Slurry Description
Surf.	423	13.5	1.75	9	12	Lead: Class C
	138	14.8	1.34	6.34	8	Tail: Class C
Int. Stage 1	802	11	2.537	15.33	12	Lead: Class C
	75	14.8	1.343	6.52	8	Tail: Class C
Int. Stage 2	550	12.9	1.9	10.52	24	Lead: Class C
	16	14.8	1.343	6.52	8	Tail: Class C
Prod	643	12.7	1.68	9.09	72	Lead: Class C
	1557	14.5	1.18	5.26	19	Tail: Class H

If losses are encountered in the intermediate section a DV/ECP tool will be run ~50' above the Lamar Lime top, cement will be adjusted accordingly if this contingency is necessary.

Volumes Subject to Observed Hole Conditions and/or Fluid Caliper Results

Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Casing String	TOC	% Excess
Surface	0'	50%
Int Stg 1	0'	50%
Int Stg 2	0'	20%
Production	11,330'	35% OH in Lateral (KOP to EOL)

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4. Pressure Control Equipment

N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.
Y	A variance is requested for the use of BOPE break testing on intermediate skids (in accordance with the 30 day full BOPE test requirements).

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	x	Tested to:
9-7/8"	13-5/8"	5M	Annular	x	2500psi
			Blind Ram	x	5000psi
			Pipe Ram	x	
			Double Ram	x	
			Other*		
6-3/4"	13-5/8"	10M	5M Annular	x	5000psi
			Blind Ram	x	10000psi
			Pipe Ram	x	
			Double Ram	x	
			Other*		

BOP/BOPE will be tested by an independent service company to 250 psi low and the high pressure indicated above per 43 CFR part 3170 Subpart 3172 requirements. The System may be upgraded to a higher pressure but still tested to the working pressure listed in the table 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 and floor safety valve (inside BOP) and choke lines and choke manifold. See attached schematics.

Y	Formation integrity test will be performed per 43 CFR part 3170 Subpart 3172. 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.
Y	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.
N	Are anchors required by manufacturer?
Y	A multibowl wellhead is being used. The BOP will be tested per 43 CFR part 3170 Subpart 3172 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.

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5. Mud Program

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From	To				
0	Surf. Shoe	FW Gel	8.6 - 8.8	28-34	N/C
Surf csg	7-5/8" Int shoe	Brine Diesel Emulsion	8.4 - 10	28-34	N/C
7-5/8" Int shoe	Lateral TD	OBM	9 - 13	35-45	<20

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
---	-----------------------------

6. Logging and Testing Procedures

Logging, Coring and Testing.	
Y	Will run GR/CNL from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
Y	No Logs are planned based on well control or offset log information.
N	Drill stem test? If yes, explain.
N	Coring? If yes, explain.

Additional logs planned		Interval
N	Resistivity	Pilot Hole TD to ICP
N	Density	Pilot Hole TD to ICP
Y	CBL	Production casing (If cement not circulated to surface)
Y	Mud log	Intermediate shoe to TD
N	PEX	

ConocoPhillips - Meat Lover Fed Com 604H**7. Drilling Conditions**

Condition	Specify what type and where?
BH Pressure at deepest TVD	8395 psi at 12415' TVD
Abnormal Temperature	NO 180 Deg. F.

No abnormal pressure or temperature conditions are anticipated. Sufficient mud materials to maintain mud properties and weight increase requirements will be kept on location at all times.

Sufficient supplies of Paper/LCM for periodic sweeps to control seepage and losses will be maintained on location.

Hydrogen Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered, measured values and formations will be provided to the BLM.

N	H2S is present
Y	H2S Plan attached

8. Other Facets of Operation

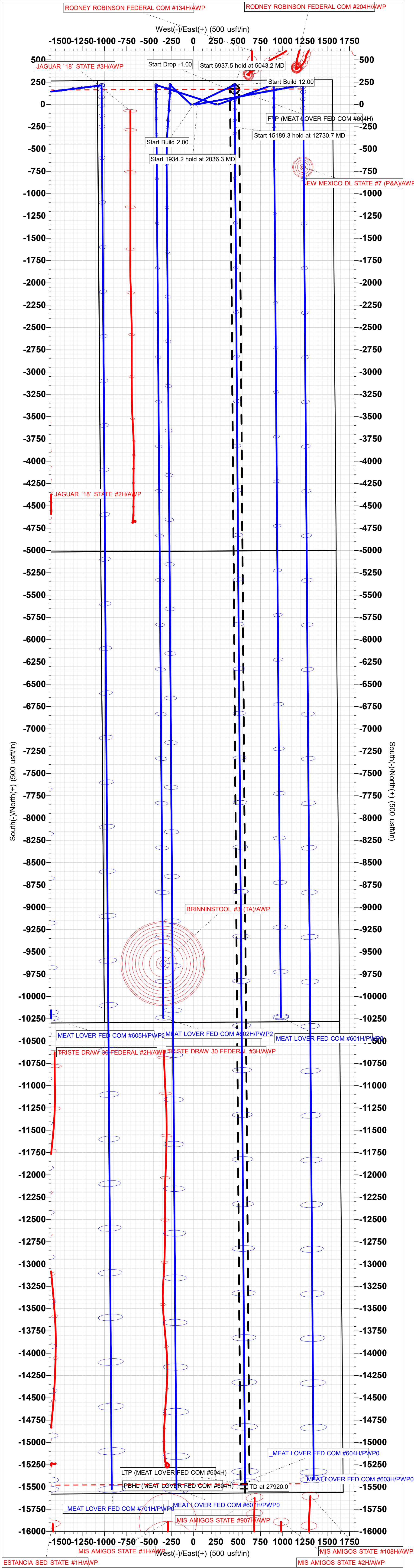
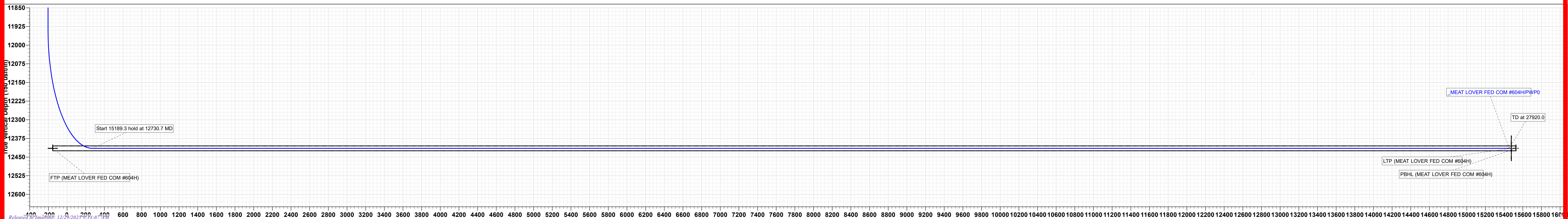
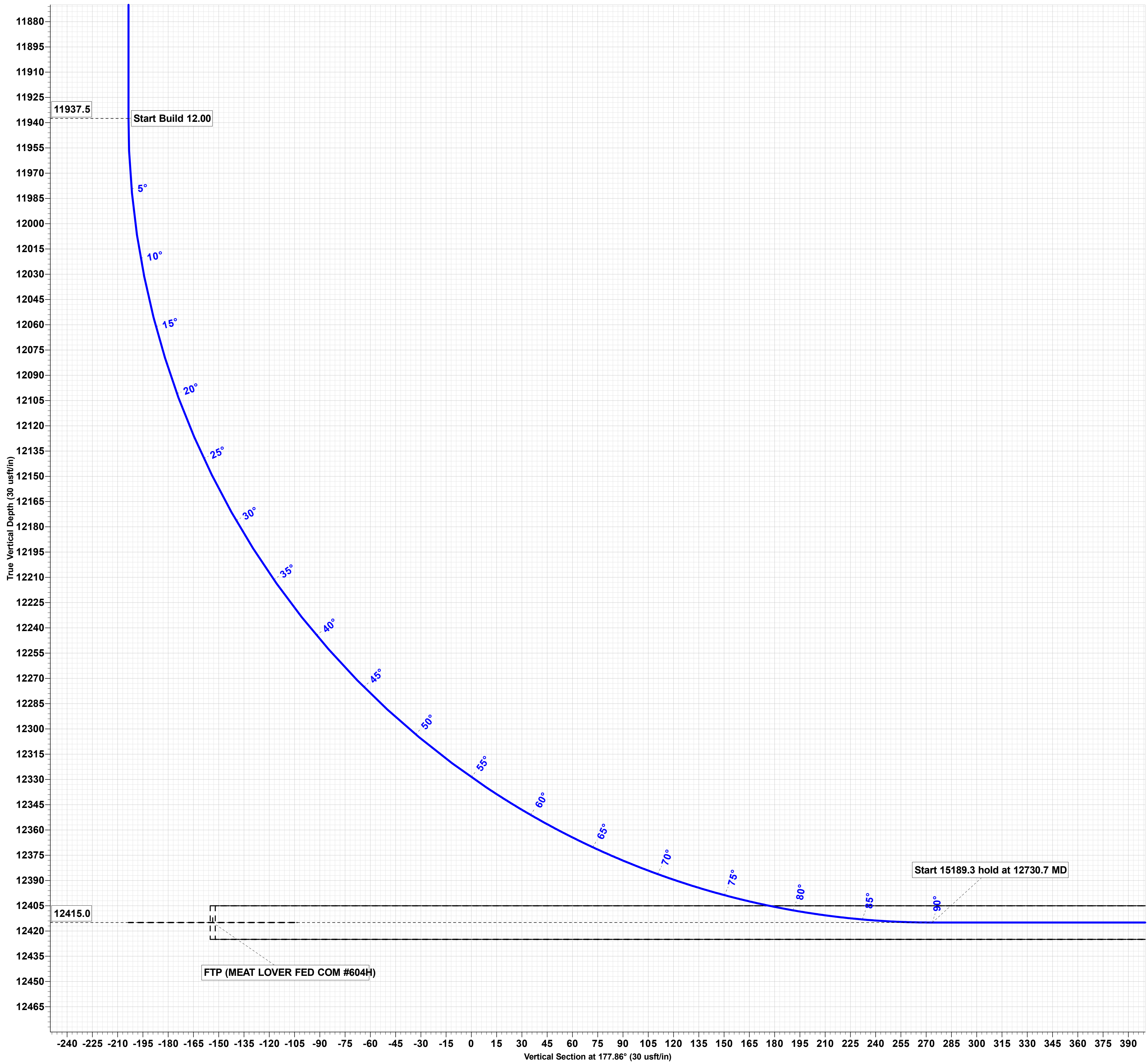
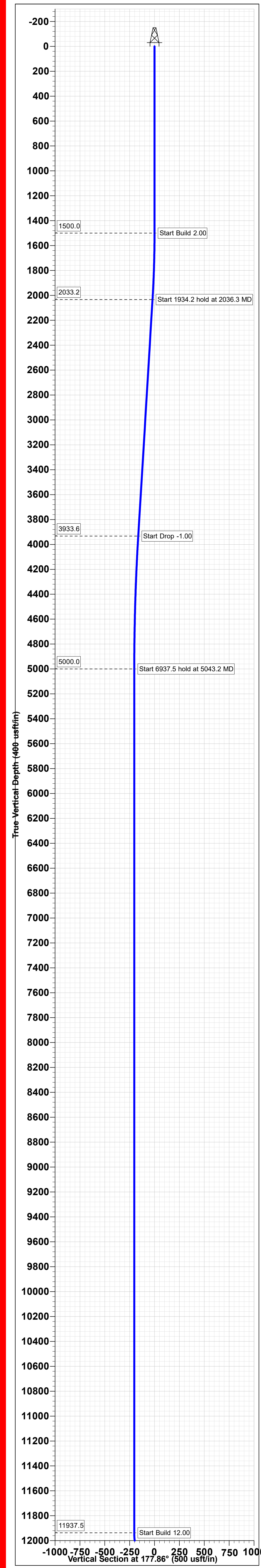
Y	Is it a walking operation?
Y	Is casing pre-set?

x	H2S Plan.
x	BOP & Choke Schematics.
x	Directional Plan



Project: LEA COUNTY SOUTHEAST
Site: MEAT LOVER FED COM PROJECT
Well: MEAT LOVER FED COM #604H
Wellbore: OWB
Design: PWP0

SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
2036.3	10.73	64.34	2033.2	21.7	45.1	2.00	64.34	-20.0	
3970.5	10.73	64.34	3933.6	177.6	369.6	0.00	0.00	-163.6	
5043.2	0.00	0.00	5000.0	220.9	459.9	1.00	180.00	-203.6	
11980.7	0.00	0.00	11937.5	220.9	459.9	0.00	0.00	-203.6	
12730.7	90.00	179.57	12415.0	-256.6	463.4	12.00	179.57	273.7	
27920.0	90.00	179.57	12415.0	-15445.4	577.4	0.00	0.00	15456.2	



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

WELL LOCATION INFORMATION

API Number 30-025-50281	Pool Code 98177	Pool Name WC-025 G-09 S223332A; Upper Wolfcamp
Property Code 332964	Property Name MEAT LOVER FEDERAL COM	Well Number 604H
OGRID No. 229137	Operator Name COG OPERATING LLC	Ground Level Elevation 3715.2'
Surface Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☒ Federal		

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	18	23-S	33-E		270 FNL	1560 FEL	32.311280°N	103.607970°W	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	30	23-S	33-E		50 FSL	1100 FEL	32.268616°N	103.606442°W	LEA

Dedicated Acres 1894.72	Infill or Defining Well Defining	Defining Well API 30-025-50281	Overlapping Spacing Unit (Y/N)	Consolidation Code COM
Order Numbers.			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
B	18	23-S	33-E		270 FNL	1560 FEL	32.311280°N	103.607970°W	LEA

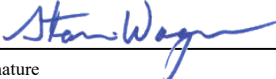
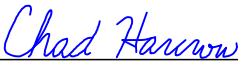
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
A	18	23-S	33-E		100 FNL	1100 FEL	32.311743°N	103.606482°W	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	30	23-S	33-E		100 FSL	1100 FEL	32.268753°N	103.606442°W	LEA

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation:
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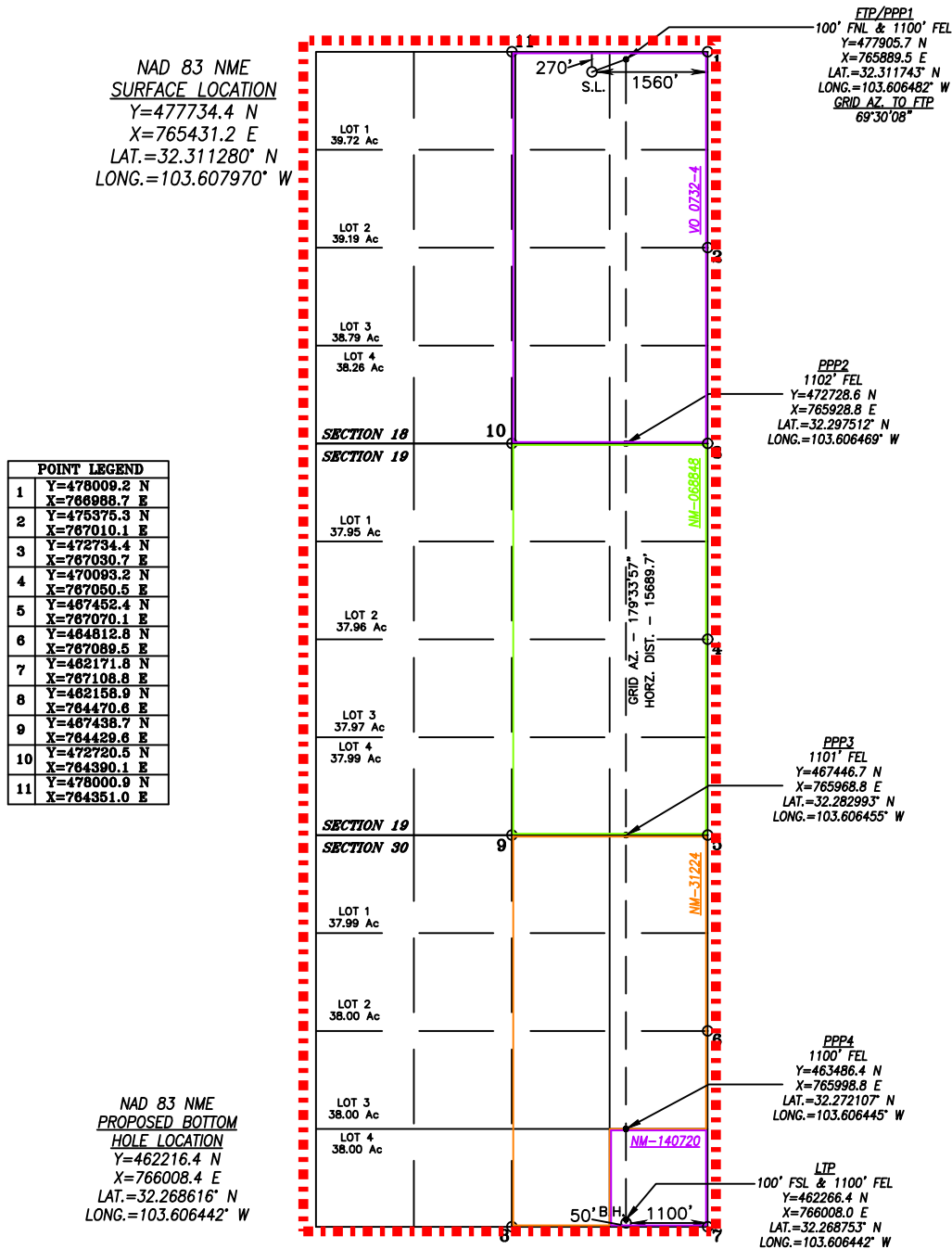
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the 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> <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>  10/24/24 Signature _____ Date _____ Syan Wagner Printed Name _____ Email Address _____		SURVEYOR CERTIFICATIONS <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>  9/24/24 Signature and Seal of Professional Surveyor  Certificate Number _____ Date of Survey _____ 17777 SEPTEMBER 12, 2024 W.O.#24-878 DRAWN BY: WN PAGE 1 OF 2	
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Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



DELAWARE BASIN EAST

LEA COUNTY SOUTHEAST

MEAT LOVER FED COM PROJECT

**_MEAT LOVER FED COM #604H - Slot MEAT LOVER FED
COM #604H**

OWB

Plan: PWP0

Standard Planning Report

28 October, 2024

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well _ MEAT LOVER FED COM #604H - Slot MEAT LOVER FED COM #604H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	_ MEAT LOVER FED COM #604H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

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

Site	MEAT LOVER FED COM PROJECT				
Site Position:	Northing:	477,926.73 usft	Latitude:	32° 18' 42.901 N	
From:	Map	Easting:	720,599.28 usft	Longitude:	103° 37' 9.447 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "		

Well	_ MEAT LOVER FED COM #604H - Slot MEAT LOVER FED COM #604H					
Well Position	+N/-S	0.0 usft	Northing:	477,673.80 usft	Latitude:	32° 18' 40.156 N
	+E/-W	0.0 usft	Easting:	724,246.50 usft	Longitude:	103° 36' 26.970 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,716.4 usft	
Grid Convergence:	0.39 °					

Wellbore	OWB				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM2024	9/9/2024	6.30	59.91	47,396.30911798

Design	PWP0			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	177.86

Plan Survey Tool Program	Date	9/9/2024		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	27,920.0 PWP0 (OWB)	r.5 MWD+IFR1	
			OWSG MWD + IFR1 rev.5	

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well _MEAT LOVER FED COM #604H - Slot MEAT LOVER FED COM #604H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	_MEAT LOVER FED COM #604H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,036.3	10.73	64.34	2,033.2	21.7	45.1	2.00	2.00	0.00	64.34	
3,970.5	10.73	64.34	3,933.6	177.6	369.6	0.00	0.00	0.00	0.00	
5,043.2	0.00	0.00	5,000.0	220.9	459.9	1.00	-1.00	0.00	180.00	
11,980.7	0.00	0.00	11,937.5	220.9	459.9	0.00	0.00	0.00	0.00	
12,730.7	90.00	179.57	12,415.0	-256.6	463.4	12.00	12.00	0.00	179.57	
27,920.0	90.00	179.57	12,415.0	-15,445.4	577.4	0.00	0.00	0.00	0.00	

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well _MEAT LOVER FED COM #604H - Slot MEAT LOVER FED COM #604H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	_MEAT LOVER FED COM #604H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00	
1,600.0	2.00	64.34	1,600.0	0.8	1.6	-0.7	2.00	2.00	0.00	
1,700.0	4.00	64.34	1,699.8	3.0	6.3	-2.8	2.00	2.00	0.00	
1,800.0	6.00	64.34	1,799.5	6.8	14.1	-6.3	2.00	2.00	0.00	
1,900.0	8.00	64.34	1,898.7	12.1	25.1	-11.1	2.00	2.00	0.00	
2,000.0	10.00	64.34	1,997.5	18.8	39.2	-17.4	2.00	2.00	0.00	
2,036.3	10.73	64.34	2,033.2	21.7	45.1	-20.0	2.00	2.00	0.00	
2,100.0	10.73	64.34	2,095.8	26.8	55.8	-24.7	0.00	0.00	0.00	
2,200.0	10.73	64.34	2,194.0	34.9	72.6	-32.1	0.00	0.00	0.00	
2,300.0	10.73	64.34	2,292.3	42.9	89.4	-39.6	0.00	0.00	0.00	
2,400.0	10.73	64.34	2,390.5	51.0	106.1	-47.0	0.00	0.00	0.00	
2,500.0	10.73	64.34	2,488.8	59.0	122.9	-54.4	0.00	0.00	0.00	
2,600.0	10.73	64.34	2,587.0	67.1	139.7	-61.8	0.00	0.00	0.00	
2,700.0	10.73	64.34	2,685.3	75.2	156.5	-69.3	0.00	0.00	0.00	
2,800.0	10.73	64.34	2,783.5	83.2	173.2	-76.7	0.00	0.00	0.00	
2,900.0	10.73	64.34	2,881.8	91.3	190.0	-84.1	0.00	0.00	0.00	
3,000.0	10.73	64.34	2,980.0	99.3	206.8	-91.5	0.00	0.00	0.00	
3,100.0	10.73	64.34	3,078.3	107.4	223.6	-99.0	0.00	0.00	0.00	
3,200.0	10.73	64.34	3,176.5	115.5	240.4	-106.4	0.00	0.00	0.00	
3,300.0	10.73	64.34	3,274.8	123.5	257.1	-113.8	0.00	0.00	0.00	
3,400.0	10.73	64.34	3,373.0	131.6	273.9	-121.2	0.00	0.00	0.00	
3,500.0	10.73	64.34	3,471.3	139.6	290.7	-128.7	0.00	0.00	0.00	
3,600.0	10.73	64.34	3,569.5	147.7	307.5	-136.1	0.00	0.00	0.00	
3,700.0	10.73	64.34	3,667.8	155.7	324.2	-143.5	0.00	0.00	0.00	
3,800.0	10.73	64.34	3,766.1	163.8	341.0	-151.0	0.00	0.00	0.00	
3,900.0	10.73	64.34	3,864.3	171.9	357.8	-158.4	0.00	0.00	0.00	
3,970.5	10.73	64.34	3,933.6	177.6	369.6	-163.6	0.00	0.00	0.00	
4,000.0	10.43	64.34	3,962.6	179.9	374.5	-165.8	1.00	-1.00	0.00	
4,100.0	9.43	64.34	4,061.1	187.4	390.0	-172.7	1.00	-1.00	0.00	
4,200.0	8.43	64.34	4,159.9	194.1	404.0	-178.9	1.00	-1.00	0.00	
4,300.0	7.43	64.34	4,258.9	200.1	416.5	-184.4	1.00	-1.00	0.00	
4,400.0	6.43	64.34	4,358.2	205.3	427.4	-189.2	1.00	-1.00	0.00	
4,500.0	5.43	64.34	4,457.6	209.8	436.7	-193.3	1.00	-1.00	0.00	
4,600.0	4.43	64.34	4,557.3	213.5	444.4	-196.7	1.00	-1.00	0.00	
4,700.0	3.43	64.34	4,657.0	216.5	450.6	-199.5	1.00	-1.00	0.00	
4,800.0	2.43	64.34	4,756.9	218.7	455.2	-201.5	1.00	-1.00	0.00	
4,900.0	1.43	64.34	4,856.8	220.1	458.3	-202.9	1.00	-1.00	0.00	
5,000.0	0.43	64.34	4,956.8	220.8	459.7	-203.5	1.00	-1.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well _MEAT LOVER FED COM #604H - Slot MEAT LOVER FED COM #604H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	_MEAT LOVER FED COM #604H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

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)	
5,043.2	0.00	0.00	5,000.0	220.9	459.9	-203.6	1.00	-1.00	0.00	
5,100.0	0.00	0.00	5,056.8	220.9	459.9	-203.6	0.00	0.00	0.00	
5,200.0	0.00	0.00	5,156.8	220.9	459.9	-203.6	0.00	0.00	0.00	
5,300.0	0.00	0.00	5,256.8	220.9	459.9	-203.6	0.00	0.00	0.00	
5,400.0	0.00	0.00	5,356.8	220.9	459.9	-203.6	0.00	0.00	0.00	
5,500.0	0.00	0.00	5,456.8	220.9	459.9	-203.6	0.00	0.00	0.00	
5,600.0	0.00	0.00	5,556.8	220.9	459.9	-203.6	0.00	0.00	0.00	
5,700.0	0.00	0.00	5,656.8	220.9	459.9	-203.6	0.00	0.00	0.00	
5,800.0	0.00	0.00	5,756.8	220.9	459.9	-203.6	0.00	0.00	0.00	
5,900.0	0.00	0.00	5,856.8	220.9	459.9	-203.6	0.00	0.00	0.00	
6,000.0	0.00	0.00	5,956.8	220.9	459.9	-203.6	0.00	0.00	0.00	
6,100.0	0.00	0.00	6,056.8	220.9	459.9	-203.6	0.00	0.00	0.00	
6,200.0	0.00	0.00	6,156.8	220.9	459.9	-203.6	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,256.8	220.9	459.9	-203.6	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,356.8	220.9	459.9	-203.6	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,456.8	220.9	459.9	-203.6	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,556.8	220.9	459.9	-203.6	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,656.8	220.9	459.9	-203.6	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,756.8	220.9	459.9	-203.6	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,856.8	220.9	459.9	-203.6	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,956.8	220.9	459.9	-203.6	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,056.8	220.9	459.9	-203.6	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,156.8	220.9	459.9	-203.6	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,256.8	220.9	459.9	-203.6	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,356.8	220.9	459.9	-203.6	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,456.8	220.9	459.9	-203.6	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,556.8	220.9	459.9	-203.6	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,656.8	220.9	459.9	-203.6	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,756.8	220.9	459.9	-203.6	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,856.8	220.9	459.9	-203.6	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,956.8	220.9	459.9	-203.6	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,056.8	220.9	459.9	-203.6	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,156.8	220.9	459.9	-203.6	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,256.8	220.9	459.9	-203.6	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,356.8	220.9	459.9	-203.6	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,456.8	220.9	459.9	-203.6	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,556.8	220.9	459.9	-203.6	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,656.8	220.9	459.9	-203.6	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,756.8	220.9	459.9	-203.6	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,856.8	220.9	459.9	-203.6	0.00	0.00	0.00	
9,000.0	0.00	0.00	8,956.8	220.9	459.9	-203.6	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,056.8	220.9	459.9	-203.6	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,156.8	220.9	459.9	-203.6	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,256.8	220.9	459.9	-203.6	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,356.8	220.9	459.9	-203.6	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,456.8	220.9	459.9	-203.6	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,556.8	220.9	459.9	-203.6	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,656.8	220.9	459.9	-203.6	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,756.8	220.9	459.9	-203.6	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,856.8	220.9	459.9	-203.6	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,956.8	220.9	459.9	-203.6	0.00	0.00	0.00	
10,100.0	0.00	0.00	10,056.8	220.9	459.9	-203.6	0.00	0.00	0.00	
10,200.0	0.00	0.00	10,156.8	220.9	459.9	-203.6	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well _MEAT LOVER FED COM #604H - Slot MEAT LOVER FED COM #604H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	_MEAT LOVER FED COM #604H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

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)
10,300.0	0.00	0.00	10,256.8	220.9	459.9	-203.6	0.00	0.00	0.00
10,400.0	0.00	0.00	10,356.8	220.9	459.9	-203.6	0.00	0.00	0.00
10,500.0	0.00	0.00	10,456.8	220.9	459.9	-203.6	0.00	0.00	0.00
10,600.0	0.00	0.00	10,556.8	220.9	459.9	-203.6	0.00	0.00	0.00
10,700.0	0.00	0.00	10,656.8	220.9	459.9	-203.6	0.00	0.00	0.00
10,800.0	0.00	0.00	10,756.8	220.9	459.9	-203.6	0.00	0.00	0.00
10,900.0	0.00	0.00	10,856.8	220.9	459.9	-203.6	0.00	0.00	0.00
11,000.0	0.00	0.00	10,956.8	220.9	459.9	-203.6	0.00	0.00	0.00
11,100.0	0.00	0.00	11,056.8	220.9	459.9	-203.6	0.00	0.00	0.00
11,200.0	0.00	0.00	11,156.8	220.9	459.9	-203.6	0.00	0.00	0.00
11,300.0	0.00	0.00	11,256.8	220.9	459.9	-203.6	0.00	0.00	0.00
11,400.0	0.00	0.00	11,356.8	220.9	459.9	-203.6	0.00	0.00	0.00
11,500.0	0.00	0.00	11,456.8	220.9	459.9	-203.6	0.00	0.00	0.00
11,600.0	0.00	0.00	11,556.8	220.9	459.9	-203.6	0.00	0.00	0.00
11,700.0	0.00	0.00	11,656.8	220.9	459.9	-203.6	0.00	0.00	0.00
11,800.0	0.00	0.00	11,756.8	220.9	459.9	-203.6	0.00	0.00	0.00
11,900.0	0.00	0.00	11,856.8	220.9	459.9	-203.6	0.00	0.00	0.00
11,980.7	0.00	0.00	11,937.5	220.9	459.9	-203.6	0.00	0.00	0.00
12,000.0	2.32	179.57	11,956.8	220.5	459.9	-203.2	12.00	12.00	0.00
12,100.0	14.32	179.57	12,055.6	206.1	460.0	-188.7	12.00	12.00	0.00
12,200.0	26.32	179.57	12,149.2	171.4	460.2	-154.1	12.00	12.00	0.00
12,300.0	38.32	179.57	12,233.5	118.0	460.6	-100.8	12.00	12.00	0.00
12,393.1	49.49	179.57	12,300.5	53.6	461.1	-36.3	12.00	12.00	0.00
FTP (MEAT LOVER FED COM #604H)									
12,400.0	50.32	179.57	12,305.0	48.3	461.2	-31.0	12.00	12.00	0.00
12,500.0	62.32	179.57	12,360.3	-34.7	461.8	52.0	12.00	12.00	0.00
12,600.0	74.32	179.57	12,397.2	-127.5	462.5	144.7	12.00	12.00	0.00
12,700.0	86.32	179.57	12,414.0	-225.9	463.2	243.0	12.00	12.00	0.00
12,730.7	90.00	179.57	12,415.0	-256.6	463.4	273.7	12.00	12.00	0.00
12,800.0	90.00	179.57	12,415.0	-325.9	464.0	343.0	0.00	0.00	0.00
12,900.0	90.00	179.57	12,415.0	-425.9	464.7	442.9	0.00	0.00	0.00
13,000.0	90.00	179.57	12,415.0	-525.9	465.5	542.9	0.00	0.00	0.00
13,100.0	90.00	179.57	12,415.0	-625.9	466.2	642.8	0.00	0.00	0.00
13,200.0	90.00	179.57	12,415.0	-725.9	467.0	742.8	0.00	0.00	0.00
13,300.0	90.00	179.57	12,415.0	-825.9	467.7	842.8	0.00	0.00	0.00
13,400.0	90.00	179.57	12,415.0	-925.9	468.5	942.7	0.00	0.00	0.00
13,500.0	90.00	179.57	12,415.0	-1,025.9	469.2	1,042.7	0.00	0.00	0.00
13,600.0	90.00	179.57	12,415.0	-1,125.8	470.0	1,142.6	0.00	0.00	0.00
13,700.0	90.00	179.57	12,415.0	-1,225.8	470.7	1,242.6	0.00	0.00	0.00
13,800.0	90.00	179.57	12,415.0	-1,325.8	471.5	1,342.5	0.00	0.00	0.00
13,900.0	90.00	179.57	12,415.0	-1,425.8	472.2	1,442.5	0.00	0.00	0.00
14,000.0	90.00	179.57	12,415.0	-1,525.8	473.0	1,542.4	0.00	0.00	0.00
14,100.0	90.00	179.57	12,415.0	-1,625.8	473.7	1,642.4	0.00	0.00	0.00
14,200.0	90.00	179.57	12,415.0	-1,725.8	474.5	1,742.4	0.00	0.00	0.00
14,300.0	90.00	179.57	12,415.0	-1,825.8	475.2	1,842.3	0.00	0.00	0.00
14,400.0	90.00	179.57	12,415.0	-1,925.8	476.0	1,942.3	0.00	0.00	0.00
14,500.0	90.00	179.57	12,415.0	-2,025.8	476.7	2,042.2	0.00	0.00	0.00
14,600.0	90.00	179.57	12,415.0	-2,125.8	477.5	2,142.2	0.00	0.00	0.00
14,700.0	90.00	179.57	12,415.0	-2,225.8	478.2	2,242.1	0.00	0.00	0.00
14,800.0	90.00	179.57	12,415.0	-2,325.8	479.0	2,342.1	0.00	0.00	0.00
14,900.0	90.00	179.57	12,415.0	-2,425.8	479.7	2,442.0	0.00	0.00	0.00
15,000.0	90.00	179.57	12,415.0	-2,525.8	480.5	2,542.0	0.00	0.00	0.00
15,100.0	90.00	179.57	12,415.0	-2,625.8	481.2	2,642.0	0.00	0.00	0.00

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well _MEAT LOVER FED COM #604H - Slot MEAT LOVER FED COM #604H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	_MEAT LOVER FED COM #604H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

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)	
15,200.0	90.00	179.57	12,415.0	-2,725.8	482.0	2,741.9	0.00	0.00	0.00	
15,300.0	90.00	179.57	12,415.0	-2,825.8	482.7	2,841.9	0.00	0.00	0.00	
15,400.0	90.00	179.57	12,415.0	-2,925.8	483.5	2,941.8	0.00	0.00	0.00	
15,500.0	90.00	179.57	12,415.0	-3,025.8	484.2	3,041.8	0.00	0.00	0.00	
15,600.0	90.00	179.57	12,415.0	-3,125.8	485.0	3,141.7	0.00	0.00	0.00	
15,700.0	90.00	179.57	12,415.0	-3,225.8	485.7	3,241.7	0.00	0.00	0.00	
15,800.0	90.00	179.57	12,415.0	-3,325.8	486.5	3,341.6	0.00	0.00	0.00	
15,900.0	90.00	179.57	12,415.0	-3,425.8	487.2	3,441.6	0.00	0.00	0.00	
16,000.0	90.00	179.57	12,415.0	-3,525.8	488.0	3,541.5	0.00	0.00	0.00	
16,100.0	90.00	179.57	12,415.0	-3,625.8	488.7	3,641.5	0.00	0.00	0.00	
16,200.0	90.00	179.57	12,415.0	-3,725.8	489.5	3,741.5	0.00	0.00	0.00	
16,300.0	90.00	179.57	12,415.0	-3,825.8	490.2	3,841.4	0.00	0.00	0.00	
16,400.0	90.00	179.57	12,415.0	-3,925.8	491.0	3,941.4	0.00	0.00	0.00	
16,500.0	90.00	179.57	12,415.0	-4,025.8	491.7	4,041.3	0.00	0.00	0.00	
16,600.0	90.00	179.57	12,415.0	-4,125.8	492.5	4,141.3	0.00	0.00	0.00	
16,700.0	90.00	179.57	12,415.0	-4,225.8	493.2	4,241.2	0.00	0.00	0.00	
16,800.0	90.00	179.57	12,415.0	-4,325.8	494.0	4,341.2	0.00	0.00	0.00	
16,900.0	90.00	179.57	12,415.0	-4,425.8	494.7	4,441.1	0.00	0.00	0.00	
17,000.0	90.00	179.57	12,415.0	-4,525.8	495.5	4,541.1	0.00	0.00	0.00	
17,100.0	90.00	179.57	12,415.0	-4,625.7	496.2	4,641.1	0.00	0.00	0.00	
17,200.0	90.00	179.57	12,415.0	-4,725.7	497.0	4,741.0	0.00	0.00	0.00	
17,300.0	90.00	179.57	12,415.0	-4,825.7	497.7	4,841.0	0.00	0.00	0.00	
17,400.0	90.00	179.57	12,415.0	-4,925.7	498.5	4,940.9	0.00	0.00	0.00	
17,500.0	90.00	179.57	12,415.0	-5,025.7	499.2	5,040.9	0.00	0.00	0.00	
17,600.0	90.00	179.57	12,415.0	-5,125.7	500.0	5,140.8	0.00	0.00	0.00	
17,700.0	90.00	179.57	12,415.0	-5,225.7	500.7	5,240.8	0.00	0.00	0.00	
17,800.0	90.00	179.57	12,415.0	-5,325.7	501.5	5,340.7	0.00	0.00	0.00	
17,900.0	90.00	179.57	12,415.0	-5,425.7	502.2	5,440.7	0.00	0.00	0.00	
18,000.0	90.00	179.57	12,415.0	-5,525.7	503.0	5,540.7	0.00	0.00	0.00	
18,100.0	90.00	179.57	12,415.0	-5,625.7	503.7	5,640.6	0.00	0.00	0.00	
18,200.0	90.00	179.57	12,415.0	-5,725.7	504.5	5,740.6	0.00	0.00	0.00	
18,300.0	90.00	179.57	12,415.0	-5,825.7	505.2	5,840.5	0.00	0.00	0.00	
18,400.0	90.00	179.57	12,415.0	-5,925.7	506.0	5,940.5	0.00	0.00	0.00	
18,500.0	90.00	179.57	12,415.0	-6,025.7	506.7	6,040.4	0.00	0.00	0.00	
18,600.0	90.00	179.57	12,415.0	-6,125.7	507.5	6,140.4	0.00	0.00	0.00	
18,700.0	90.00	179.57	12,415.0	-6,225.7	508.2	6,240.3	0.00	0.00	0.00	
18,800.0	90.00	179.57	12,415.0	-6,325.7	509.0	6,340.3	0.00	0.00	0.00	
18,900.0	90.00	179.57	12,415.0	-6,425.7	509.7	6,440.3	0.00	0.00	0.00	
19,000.0	90.00	179.57	12,415.0	-6,525.7	510.5	6,540.2	0.00	0.00	0.00	
19,100.0	90.00	179.57	12,415.0	-6,625.7	511.3	6,640.2	0.00	0.00	0.00	
19,200.0	90.00	179.57	12,415.0	-6,725.7	512.0	6,740.1	0.00	0.00	0.00	
19,300.0	90.00	179.57	12,415.0	-6,825.7	512.8	6,840.1	0.00	0.00	0.00	
19,400.0	90.00	179.57	12,415.0	-6,925.7	513.5	6,940.0	0.00	0.00	0.00	
19,500.0	90.00	179.57	12,415.0	-7,025.7	514.3	7,040.0	0.00	0.00	0.00	
19,600.0	90.00	179.57	12,415.0	-7,125.7	515.0	7,139.9	0.00	0.00	0.00	
19,700.0	90.00	179.57	12,415.0	-7,225.7	515.8	7,239.9	0.00	0.00	0.00	
19,800.0	90.00	179.57	12,415.0	-7,325.7	516.5	7,339.9	0.00	0.00	0.00	
19,900.0	90.00	179.57	12,415.0	-7,425.7	517.3	7,439.8	0.00	0.00	0.00	
20,000.0	90.00	179.57	12,415.0	-7,525.7	518.0	7,539.8	0.00	0.00	0.00	
20,100.0	90.00	179.57	12,415.0	-7,625.7	518.8	7,639.7	0.00	0.00	0.00	
20,200.0	90.00	179.57	12,415.0	-7,725.7	519.5	7,739.7	0.00	0.00	0.00	
20,300.0	90.00	179.57	12,415.0	-7,825.7	520.3	7,839.6	0.00	0.00	0.00	
20,400.0	90.00	179.57	12,415.0	-7,925.7	521.0	7,939.6	0.00	0.00	0.00	

ConocoPhillips

Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well _MEAT LOVER FED COM #604H - Slot MEAT LOVER FED COM #604H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	_MEAT LOVER FED COM #604H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

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)	
20,500.0	90.00	179.57	12,415.0	-8,025.7	521.8	8,039.5	0.00	0.00	0.00	
20,600.0	90.00	179.57	12,415.0	-8,125.6	522.5	8,139.5	0.00	0.00	0.00	
20,700.0	90.00	179.57	12,415.0	-8,225.6	523.3	8,239.5	0.00	0.00	0.00	
20,800.0	90.00	179.57	12,415.0	-8,325.6	524.0	8,339.4	0.00	0.00	0.00	
20,900.0	90.00	179.57	12,415.0	-8,425.6	524.8	8,439.4	0.00	0.00	0.00	
21,000.0	90.00	179.57	12,415.0	-8,525.6	525.5	8,539.3	0.00	0.00	0.00	
21,100.0	90.00	179.57	12,415.0	-8,625.6	526.3	8,639.3	0.00	0.00	0.00	
21,200.0	90.00	179.57	12,415.0	-8,725.6	527.0	8,739.2	0.00	0.00	0.00	
21,300.0	90.00	179.57	12,415.0	-8,825.6	527.8	8,839.2	0.00	0.00	0.00	
21,400.0	90.00	179.57	12,415.0	-8,925.6	528.5	8,939.1	0.00	0.00	0.00	
21,500.0	90.00	179.57	12,415.0	-9,025.6	529.3	9,039.1	0.00	0.00	0.00	
21,600.0	90.00	179.57	12,415.0	-9,125.6	530.0	9,139.1	0.00	0.00	0.00	
21,700.0	90.00	179.57	12,415.0	-9,225.6	530.8	9,239.0	0.00	0.00	0.00	
21,800.0	90.00	179.57	12,415.0	-9,325.6	531.5	9,339.0	0.00	0.00	0.00	
21,900.0	90.00	179.57	12,415.0	-9,425.6	532.3	9,438.9	0.00	0.00	0.00	
22,000.0	90.00	179.57	12,415.0	-9,525.6	533.0	9,538.9	0.00	0.00	0.00	
22,100.0	90.00	179.57	12,415.0	-9,625.6	533.8	9,638.8	0.00	0.00	0.00	
22,200.0	90.00	179.57	12,415.0	-9,725.6	534.5	9,738.8	0.00	0.00	0.00	
22,300.0	90.00	179.57	12,415.0	-9,825.6	535.3	9,838.7	0.00	0.00	0.00	
22,400.0	90.00	179.57	12,415.0	-9,925.6	536.0	9,938.7	0.00	0.00	0.00	
22,500.0	90.00	179.57	12,415.0	-10,025.6	536.8	10,038.7	0.00	0.00	0.00	
22,600.0	90.00	179.57	12,415.0	-10,125.6	537.5	10,138.6	0.00	0.00	0.00	
22,700.0	90.00	179.57	12,415.0	-10,225.6	538.3	10,238.6	0.00	0.00	0.00	
22,800.0	90.00	179.57	12,415.0	-10,325.6	539.0	10,338.5	0.00	0.00	0.00	
22,900.0	90.00	179.57	12,415.0	-10,425.6	539.8	10,438.5	0.00	0.00	0.00	
23,000.0	90.00	179.57	12,415.0	-10,525.6	540.5	10,538.4	0.00	0.00	0.00	
23,100.0	90.00	179.57	12,415.0	-10,625.6	541.3	10,638.4	0.00	0.00	0.00	
23,200.0	90.00	179.57	12,415.0	-10,725.6	542.0	10,738.3	0.00	0.00	0.00	
23,300.0	90.00	179.57	12,415.0	-10,825.6	542.8	10,838.3	0.00	0.00	0.00	
23,400.0	90.00	179.57	12,415.0	-10,925.6	543.5	10,938.2	0.00	0.00	0.00	
23,500.0	90.00	179.57	12,415.0	-11,025.6	544.3	11,038.2	0.00	0.00	0.00	
23,600.0	90.00	179.57	12,415.0	-11,125.6	545.0	11,138.2	0.00	0.00	0.00	
23,700.0	90.00	179.57	12,415.0	-11,225.6	545.8	11,238.1	0.00	0.00	0.00	
23,800.0	90.00	179.57	12,415.0	-11,325.6	546.5	11,338.1	0.00	0.00	0.00	
23,900.0	90.00	179.57	12,415.0	-11,425.6	547.3	11,438.0	0.00	0.00	0.00	
24,000.0	90.00	179.57	12,415.0	-11,525.6	548.0	11,538.0	0.00	0.00	0.00	
24,100.0	90.00	179.57	12,415.0	-11,625.6	548.8	11,637.9	0.00	0.00	0.00	
24,200.0	90.00	179.57	12,415.0	-11,725.5	549.5	11,737.9	0.00	0.00	0.00	
24,300.0	90.00	179.57	12,415.0	-11,825.5	550.3	11,837.8	0.00	0.00	0.00	
24,400.0	90.00	179.57	12,415.0	-11,925.5	551.0	11,937.8	0.00	0.00	0.00	
24,500.0	90.00	179.57	12,415.0	-12,025.5	551.8	12,037.8	0.00	0.00	0.00	
24,600.0	90.00	179.57	12,415.0	-12,125.5	552.5	12,137.7	0.00	0.00	0.00	
24,700.0	90.00	179.57	12,415.0	-12,225.5	553.3	12,237.7	0.00	0.00	0.00	
24,800.0	90.00	179.57	12,415.0	-12,325.5	554.0	12,337.6	0.00	0.00	0.00	
24,900.0	90.00	179.57	12,415.0	-12,425.5	554.8	12,437.6	0.00	0.00	0.00	
25,000.0	90.00	179.57	12,415.0	-12,525.5	555.5	12,537.5	0.00	0.00	0.00	
25,100.0	90.00	179.57	12,415.0	-12,625.5	556.3	12,637.5	0.00	0.00	0.00	
25,200.0	90.00	179.57	12,415.0	-12,725.5	557.0	12,737.4	0.00	0.00	0.00	
25,300.0	90.00	179.57	12,415.0	-12,825.5	557.8	12,837.4	0.00	0.00	0.00	
25,400.0	90.00	179.57	12,415.0	-12,925.5	558.5	12,937.4	0.00	0.00	0.00	
25,500.0	90.00	179.57	12,415.0	-13,025.5	559.3	13,037.3	0.00	0.00	0.00	
25,600.0	90.00	179.57	12,415.0	-13,125.5	560.0	13,137.3	0.00	0.00	0.00	
25,700.0	90.00	179.57	12,415.0	-13,225.5	560.8	13,237.2	0.00	0.00	0.00	

ConocoPhillips
Planning Report

Database:	EDT 17 Permian Prod	Local Co-ordinate Reference:	Well _MEAT LOVER FED COM #604H - Slot MEAT LOVER FED COM #604H
Company:	DELAWARE BASIN EAST	TVD Reference:	KB @ 3743.4usft
Project:	LEA COUNTY SOUTHEAST	MD Reference:	KB @ 3743.4usft
Site:	MEAT LOVER FED COM PROJECT	North Reference:	Grid
Well:	_MEAT LOVER FED COM #604H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OWB		
Design:	PWP0		

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)	
25,800.0	90.00	179.57	12,415.0	-13,325.5	561.5	13,337.2	0.00	0.00	0.00	
25,900.0	90.00	179.57	12,415.0	-13,425.5	562.3	13,437.1	0.00	0.00	0.00	
26,000.0	90.00	179.57	12,415.0	-13,525.5	563.0	13,537.1	0.00	0.00	0.00	
26,100.0	90.00	179.57	12,415.0	-13,625.5	563.8	13,637.0	0.00	0.00	0.00	
26,200.0	90.00	179.57	12,415.0	-13,725.5	564.5	13,737.0	0.00	0.00	0.00	
26,300.0	90.00	179.57	12,415.0	-13,825.5	565.3	13,837.0	0.00	0.00	0.00	
26,400.0	90.00	179.57	12,415.0	-13,925.5	566.0	13,936.9	0.00	0.00	0.00	
26,500.0	90.00	179.57	12,415.0	-14,025.5	566.8	14,036.9	0.00	0.00	0.00	
26,600.0	90.00	179.57	12,415.0	-14,125.5	567.5	14,136.8	0.00	0.00	0.00	
26,700.0	90.00	179.57	12,415.0	-14,225.5	568.3	14,236.8	0.00	0.00	0.00	
26,800.0	90.00	179.57	12,415.0	-14,325.5	569.0	14,336.7	0.00	0.00	0.00	
26,900.0	90.00	179.57	12,415.0	-14,425.5	569.8	14,436.7	0.00	0.00	0.00	
27,000.0	90.00	179.57	12,415.0	-14,525.5	570.5	14,536.6	0.00	0.00	0.00	
27,100.0	90.00	179.57	12,415.0	-14,625.5	571.3	14,636.6	0.00	0.00	0.00	
27,200.0	90.00	179.57	12,415.0	-14,725.5	572.0	14,736.6	0.00	0.00	0.00	
27,300.0	90.00	179.57	12,415.0	-14,825.5	572.8	14,836.5	0.00	0.00	0.00	
27,400.0	90.00	179.57	12,415.0	-14,925.5	573.5	14,936.5	0.00	0.00	0.00	
27,500.0	90.00	179.57	12,415.0	-15,025.5	574.3	15,036.4	0.00	0.00	0.00	
27,600.0	90.00	179.57	12,415.0	-15,125.5	575.0	15,136.4	0.00	0.00	0.00	
27,700.0	90.00	179.57	12,415.0	-15,225.4	575.8	15,236.3	0.00	0.00	0.00	
27,800.0	90.00	179.57	12,415.0	-15,325.4	576.5	15,336.3	0.00	0.00	0.00	
27,900.0	90.00	179.57	12,415.0	-15,425.4	577.3	15,436.2	0.00	0.00	0.00	
27,920.0	90.00	179.57	12,415.0	-15,445.4	577.4	15,456.2	0.00	0.00	0.00	
PBHL (MEAT LOVER FED COM #604H) - LTP (MEAT LOVER FED COM #604H)										

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting		
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)	Latitude	Longitude
FTP (MEAT LOVER FEEL COM #604H) - plan misses target center by 163.9usft at 12393.1usft MD (12300.5 TVD, 53.6 N, 461.1 E) - Circle (radius 50.0)	0.00	0.00	12,415.0	170.9	459.9	477,844.66	724,706.37	32° 18' 41.816 N	103° 36' 21.598 W
PBHL (MEAT LOVER FEEL COM #604H) - plan misses target center by 71.2usft at 27920.0usft MD (12415.0 TVD, -15445.4 N, 577.4 E) - Rectangle (sides W100.0 H15,687.9 D20.0)	0.00	359.57	12,415.0	-15,516.6	578.3	462,157.19	724,824.76	32° 16' 6.573 N	103° 36' 21.458 W
LTP (MEAT LOVER FEEL COM #604H) - plan misses target center by 21.2usft at 27920.0usft MD (12415.0 TVD, -15445.4 N, 577.4 E) - Circle (radius 50.0)	90.00	0.00	12,415.0	-15,466.6	577.9	462,207.19	724,824.39	32° 16' 7.068 N	103° 36' 21.459 W

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name		Casing Diameter (")	Hole Diameter (")
27,920.0	12,415.0	5-1/2" Production Casing		5-1/2	6

Sante Fe Main Office
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Phone: (505) 629-6116

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

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

CONDITIONS

Action 412775

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 412775
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	The C-103 NOI was not approved or rejected; however, the work requested in the C-103 NOI was performed and completed without NMOCD approval. This action will result in review for potential compliance actions.	12/29/2025
matthew.gomez	Administrative order required for non-standard spacing unit prior to production.	12/29/2025
matthew.gomez	All previous COA's still apply.	12/29/2025