Form 3160-3
(October 2024)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: NMNM0275360

6. If Indian, Allotee or Tribe Name:

1a. Type of work: ☑ DRILL ☐ REENTER

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

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

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

8. Lease Name and Well No.: BAT BOMB FED COM 402H

2. Name of Operator: ADMIRAL PERMIAN OPERATING LLC

9. API Well No.: 30-015-57608

3a. Address: 200 N LORAINE SUITE 800, MIDLAND, TX 79701

3b. Phone No. *(include area code)*: (432) 653-0245

10. Field and Pool, or Exploratory: PURPLE SAGE/WOLFCAMP

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

At surface: LOT 1 / 1252 FNL / 408 FWL / LAT 32.264822 / LONG -104.236577

At proposed prod. zone: LOT 3 / 1700 FSL / 100 FWL / LAT 32.25837 / LONG -104.237586

11. Sec., T. R. M. or Blk. and Survey or Area: SEC 31/T23S/R27E/NMP

14. Distance in miles and direction from nearest town or post office*: 6 miles

12. County or Parish: EDDY

13. State: NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any): 408 feet

16. No of acres in lease:

17. Spacing Unit dedicated to this well: 947.0

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.: 30 feet

19. Proposed Depth: 8900 feet / 19562 feet

20. BLM/BIA Bond No. in file: FED: NMB1903111

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 3232 feet

22. Approximate date work will start*: 08/15/2025

23. Estimated duration: 60 days

24. Attachments

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

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

25. Signature	Name *(Printed/Typed)*	Date
(Electronic Submission)	CORY WALK / Ph: (432) 653-0245	05/11/2025

Title: Permitting Agent

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
(Electronic Submission)	CODY LAYTON / Ph: (575) 234-5959	11/07/2025

Title	Office
Assistant Field Manager Lands & Minerals	Carlsbad Field Office

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

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

APPROVED WITH CONDITIONS

(Continued on page 2)

*(Instructions on page 2)

Approval Date: 11/07/2025

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

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
30-015-57608	98220	PURPLE SAGE; WOLFCAMP (GAS)	
Property Code	Property Name		Well Number
337374	BAT BOMB FED COM		402H
OGRID No.	Operator Name		Ground Level Elevation
332762	ADMIRAL PERMIAN OPERATING LLC		3,232'
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
LOT 1	31	23 S	27 E		1,252' FNL	408' FWL	32.264822°	-104.236577°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
LOT 3	31	23 S	27 E		1,700 FSL	100' FWL	32.258370°	-104.237586°	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
947.00				C
Order Numbers. WILL FILE NSP			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
LOT 2	31	23 S	27 E		1,675' FNL	10' FWL	32.263659°	-104.237866°	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
LOT 2	31	23 S	27 E		1,675' FNL	330' FWL	32.263659°	-104.236831°	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
LOT 3	31	23 S	27 E		1,700' FSL	330' FWL	32.258375°	-104.236842°	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation:

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

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

5-8-25

Signature Date

BRIAN WOOD

Printed Name

brian@permitswest.com

Email Address

SURVEYOR CERTIFICATIONS

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.

MARK MURRAY NEW MEXICO 12177 REGISTERED PROFESSIONAL SURVEYOR

Date: 2/25/2025

Signature and Seal of Professional Surveyor

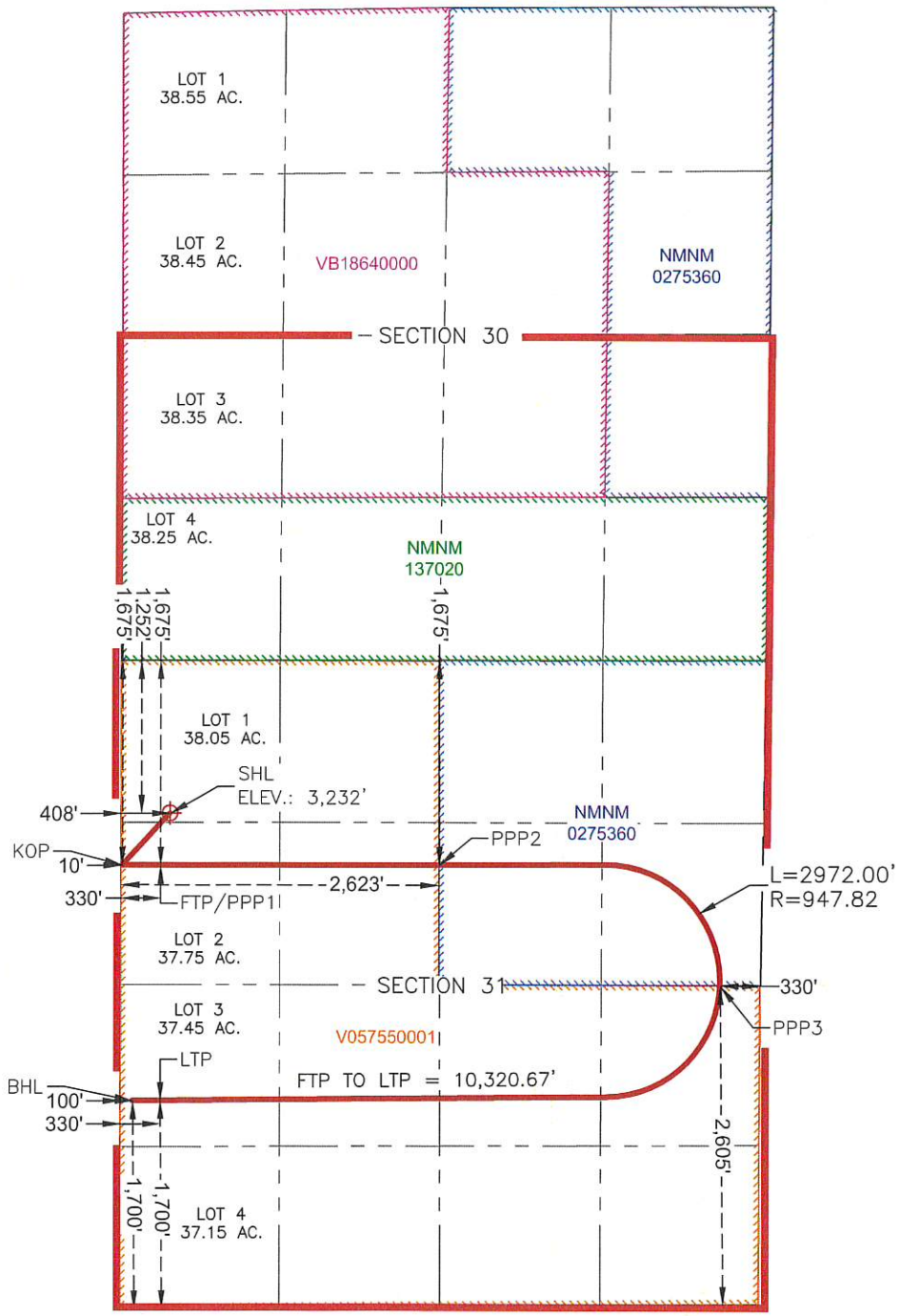
Certificate Number	Date of Survey
12177	2/25/2025

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.



SURFACE HOLE LOCATION
1,252' FNL & 408' FWL
ELEV. = 3,232.00'
NAD 83 X = 571,244.21'
NAD 83 Y = 460,088.83'
NAD 83 LAT = 32.264822°
NAD 83 LONG = -104.236577°

KICK-OFF POINT
1,675' FNL & 10' FWL
NAD 83 X = 570,846.30'
NAD 83 Y = 459,665.54'
NAD 83 LAT = 32.263659°
NAD 83 LONG = -104.237866°

FIRST TAKE POINT &
PENETRATION POINT 1
1,675' FNL & 330' FWL
NAD 83 X = 571,166.30'
NAD 83 Y = 459,665.70'
NAD 83 LAT = 32.263659°
NAD 83 LONG = -104.236831°

PENETRATION POINT 2
1,675' FNL & 2,623' FWL
NAD 83 X = 573,459.52'
NAD 83 Y = 459,666.85'
NAD 83 LAT = 32.263656°
NAD 83 LONG = -104.229411°

PENETRATION POINT 3
2,605' FSL & 330' FEL
NAD 83 X = 575,784.05'
NAD 83 Y = 458,687.66'
NAD 83 LAT = 32.260958°
NAD 83 LONG = -104.221894°

LAST TAKE POINT
1,700' FSL & 330' FWL
NAD 83 X = 571,164.57'
NAD 83 Y = 457,743.50'
NAD 83 LAT = 32.258375°
NAD 83 LONG = -104.236842°

BOTTOM HOLE LOCATION
1,700' FSL & 100' FWL
NAD 83 X = 570,934.57'
NAD 83 Y = 457,741.55'
NAD 83 LAT = 32.258370°
NAD 83 LONG = -104.237586°

State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description

Effective May 25, 2021

I. Operator: ADMIRAL PERMIAN OPERATING, LLC **OGRID:** 332762 **Date:** 11-12-25

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	Anticipated Gas MCF/D	Anticipated Produced Water BBL/D
Bat Bomb Fed Com 401H	30-015-	D-31-23S-27E	1210 FNL & 365 FWL	800	1650	650
Bat Bomb Fed Com 402H	30-015-	D-31-23S-27E	1252 FNL & 408 FWL	800	1650	650
Bat Bomb Fed Com 421H	30-015-	D-31-23S-27E	1231 FNL & 386 FWL	800	1650	650

IV. Central Delivery Point Name: Targa Midstream Services (24650) in M-5-24s-27e) [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Bat Bomb Fed Com 401H	30-015-	12-1-25	2-1-26	3-1-26	4-1-26	5-1-26
Bat Bomb Fed Com 402H	30-015-	2-2-26	4-2-26	5-2-26	6-2-26	7-2-26
Bat Bomb Fed Com 421H	30-015-	4-3-26	6-3-26	8-3-26	9-3-26	10-3-26

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

X Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.
If Operator checks this box, Operator will select one of the following:

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☒ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature: 
Printed Name: Brian Wood
Title: Consultant
E-mail Address: brian@permitswest.com
Date: 11-12-25
Phone: 505 466-8120

OIL CONSERVATION DIVISION **(Only applicable when submitted as a standalone form)**
Approved By:
Title:
Approval Date:
Conditions of Approval:

VI. SEPARATION EQUIPMENT

Admiral Permian Operating, LLC (Admiral) tentatively plans to install a heater-treater, gas scrubber, separator, flare, vapor recovery unit, vapor recovery pipes for all tanks, and oil and water tanks.

VII. OPERATIONAL PRACTICES

NMAC 19.15.27.8 (A) Venting & Flaring of Natural Gas

1. Admiral will comply NMAC 19.15.27.8 – venting and flaring of gas during drilling, completion, or production that constitutes waste as defined in 19.15.2 is banned.

NMAC 19.15.27.8 (B) Venting & Flaring During Drilling

1. Admiral will capture or combust gas if technically feasible during drilling operations using best industry practices.
2. A flare stack with a 100% capacity for expected volume will be set on the pad ≥100 feet from the nearest well head and storage tank.
3. In an emergency, Admiral will vent gas in order to avoid substantial impact. Admiral will report vented or flared gas to the NMOCD.

NMAC 19.15.27.8 (C) Venting & Flaring During Completion or Recompletion

1. Facilities will be built and ready from the first day of flowback
2. Test separator will be properly separate gas and liquids. Temporary test separator will be used initially to process volumes. In addition, separator will be tied into flowback tanks which will be tied into the gas processing equipment for sale down a pipeline.
3. Should the facility not be ready to process gas, or the gas does not meet quality standards, then storage tanks will be set that are tied into gas busters or a temporary flare to manage all gas. This flare would meet the following requirements:
    a) An appropriately sized flare stack with an automatic igniter
    b) Admiral analyzes gas samples twice a week
    c) Admiral flows the gas into a gathering line as soon as the pipeline specifications are met
    d) Admiral provides the NMOCD with pipeline specifications and natural gas data.

NMAC 19.15.27.8 (D) Venting & Flaring During Production

Admiral will not vent or flare natural gas except:

1. During an emergency or malfunction
2. To unload or clean-up liquid holdup in a well to atmospheric pressure, provided
    a) Admiral does not vent after the well achieves a stabilized rate and pressure
    b) Admiral will be on-site while unloading liquids by manual purging and take all reasonable actions to achieve a stabilized rate and pressure as soon as possible
    c) Admiral will optimize the system to minimize gas venting if the well is equipped with a plunger lift or auto control system
    d) Best management practices will be used during downhole well maintenance.
3. During the first year of production from an exploratory well provided
    a) Admiral receives approval from the NMOCD
    b) Admiral stays in compliance with NMOCD gas capture requirements
    c) Admiral submits an updated C-129 form to the NMOCD
4. During the following activities unless prohibited
    a) Gauging or sampling a storage tank or low-pressure production vessel
    b) Loading out liquids from a storage tank
    c) Repair and maintenance
    d) Normal operation of a gas-activated pneumatic controller or pump
    e) Normal operation of a storage tank but not including venting from a thief hatch
    f) Normal operation of dehydration units
    g) Normal operations of compressors, engines, turbines, valves, flanges, & connectors
    h) During a Braden head, packer leak test, or production test lasting <24 hours
    i) When natural gas does not meet the gathering line specifications
    j) Commissioning of lines, equipment, or facilities only for as long as necessary to purge introduced impurities.

NMAC 19.15.27.8 (E) Performance Standards

1. Admiral used a safety factor to design the separation and storage equipment. The equipment will be routed to a vapor recovery system and uses a flare as back up for startup, shutdown, maintenance, or malfunction of the VRU system.
2. Admiral will install a flare that will handle the full facility vapor volume in case the VRU fails. It will have an auto-ignition system.
3. Flare stacks will be appropriately sized and designed to ensure proper combustion efficiency

a) Flare stacks installed or replaced will be equipped with an automatic ignitor or continuous pilot.
b) Previously installed flare stacks will be retrofitted within 18 months of May 25, 2021, with an automatic ignitor, continuous pilot, or technology that alerts Admiral to flare malfunction.
c) Flare stacks replaced after May 25, 2021, will be equipped with an automatic ignitor or continuous pilot if at a well or facility with an average production of ≤60 Mcfd of natural gas.
d) Flare stacks will be located >100 feet from well head and storage tanks and securely anchored.

4. Admiral will conduct an audio/visual/olfactory inspection on all components for leaks and defects every week.
5. Admiral will make and keep records of AVO inspections available to the NMOCD for at least 5 years.
6. Admiral may use a remote or automated monitoring technology to detect leaks and releases in lieu of AVO inspections with prior NMOCD approval.
7. Facilities will be designed to minimize waste.
8. Admiral will resolve emergencies as promptly as possible.

NMAC 19.15.27.8 (F) Measuring or Estimating Vented & Flared Natural Gas

1. Admiral will have meters on both the low pressure and high-pressure sides of the flares. Volumes will be recorded in the SCADA system.
2. Admiral will install equipment to measure the volume of flared natural gas that has an average production of ≥60 Mcfd.
3. Admiral's measuring equipment will conform to industry standards.
4. Measurement system will be designed such that it cannot be bypassed except for inspections and servicing the meters.
5. Admiral will estimate the volume of vented or flared gas using a methodology that can be independently verified if metering is not practicable due to low flow rate or pressure.
6. Admiral will estimate the volume of vented and flared gas based on the results of an annual GOR test for wells that do not require measuring equipment reported on form C-116.
7. Admiral will install measuring equipment whenever the NMOCD determines that metering is necessary.

VIII. Best Management Practices

Admiral will minimize venting during maintenance by:

1. Designing and operating system to route storage tank and process equipment emissions to the VRU. If the VRU is inoperable, then vapors will be routed to the flare.
2. Scheduling maintenance for multiple tasks to minimize the need for blowdowns.
3. After completion of maintenance, gas will be flared until it meets pipeline specifications.

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

Drilling Plan Data Report
11/07/2025

APD ID: 10400102865
Submission Date: 05/11/2025
Operator Name: ADMIRAL PERMIAN OPERATING LLC
Well Name: BAT BOMB FED COM
Well Number: 402H
Well Type: CONVENTIONAL GAS WELL
Well Work Type: Drill

Highlighted data reflects the most recent changes

Show Final Text

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical	Measured Depth	Lithologies	Mineral Resources	Producing Formatio
16740759	QUATERNARY	3232	0	0	OTHER : Caliche	USEABLE WATER	N
16740760	RUSTLER ANHYDRITE	2807	425	425	ANHYDRITE	NONE	N
16740761	TOP SALT	2525	707	707	SALT	NONE	N
16740762	BASE OF SALT	1565	1667	1667	SALT	NONE	N
16740763	LAMAR	1324	1908	1908	LIMESTONE	NATURAL GAS, OIL	N
16740764	BELL CANYON	1211	2021	2021	LIMESTONE	USEABLE WATER	N
16740765	CHERRY CANYON	480	2752	2755	SANDSTONE	NATURAL GAS, OIL	N
16740766	BRUSHY CANYON	-520	3752	3761	SANDSTONE	NATURAL GAS, OIL	N
16740767	AVALON SAND	-2102	5334	5352	OTHER, SHALE : Bone Spring Carbonate	NATURAL GAS, OIL	N
16740768	BONE SPRING 1ST	-3143	6375	6399	SANDSTONE	NATURAL GAS	N
16740769	BONE SPRING 2ND	-3598	6830	6857	SANDSTONE	NATURAL GAS, OIL	N
16740770	BONE SPRING 3RD	-3806	7038	7066	OTHER : Carbonate	NATURAL GAS, OIL	N
16740771	BONE SPRING 3RD	-5018	8250	8281	SANDSTONE	NATURAL GAS	N
16740772	WOLFCAMP	-5470	8702	8752	OTHER : Carbonate	NATURAL GAS, OIL	Y

Section 2 - Blowout Prevention

Operator Name: ADMIRAL PERMIAN OPERATING LLC

Well Name: BAT BOMB FED COM **Well Number:** 402H

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

Equipment: Minimum BOPE will consist of a single pipe ram, mud cross, double ram type preventer (10,000 psi WP) and an annular preventer (5000 psi WP). The double ram preventer will have pipe and blind rams. System is rated to 10,000' TVD.

Requesting Variance? YES

Variance request: Variance is requested to use a co-flex line from the BOP to the choke. Co-flex line will be tested in accordance with the highest BOP test pressures. Pressure tests will be charted for records. Manufacturer's hydrostatic test report will be kept on site for inspection. Variance is requested to use a multi-bowl wellhead.

Testing Procedure: BOP/BOPE will be tested by an independent service company to 250 psi (low) and 5000 psi (high). Annular preventer will be tested to 250 psi (low) and 3500 psi (high) per 43 CFR 3172.6 requirements. Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. Pressure tests and operational checks will be noted the daily tour sheets. Other accessories will include a Kelly cock, floor safety valve inside BOP, choke lines, and choke manifold. A multi-bowl wellhead will be installed by a third-party welder while being monitored by the service company's representative.

Choke Diagram Attachment:

BB_Choke_20250915121258.pdf

BOP Diagram Attachment:

BB_BOP_20250915121309.pdf

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
1	SURFACE	17.5	13.375	NEW	API	N	0	500	0	500	3232	2732	500	J-55	45.5	BUTT	5.21	1.82	DRY	7.14	DRY	6.7
2	INTERMEDIATE	9.875	7.625	NEW	API	N	0	8356	0	8323	3229	-5091	8356	OTHER - P110 HC	29.7	BUTT	1.63	5.17	DRY	2.77	DRY	2.7
3	PRODUCTION	6.75	5.5	NEW	NON API	N	0	19562	0	8900	3229	-5668	19562	OTHER - P110 CY	20	OTHER - TLW	2.05	1.25	BUOY	2.09	BUOY	2.28

Casing Attachments

Operator Name: ADMIRAL PERMIAN OPERATING LLC

Well Name: BAT BOMB FED COM **Well Number:** 402H

Casing Attachments

Casing ID: 1 **String** SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

BB_402H_Casing_Design_Assumptions_20251023094524.pdf

Casing ID: 2 **String** INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

BB_402H_Casing_Design_Assumptions_20251023094718.pdf

Casing ID: 3 **String** PRODUCTION

Inspection Document:

Spec Document:

5.5in_Casing_Spec_20241228094831.pdf

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

BB_402H_Casing_Design_Assumptions_20251023094811.pdf

Section 4 - Cement

Operator Name: ADMIRAL PERMIAN OPERATING LLC

Well Name: BAT BOMB FED COM **Well Number:** 402H

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
PRODUCTION	Lead		0	0	0	0	0	0	0	None	None
PRODUCTION	Tail		6453	19562	1000	1.42	13.2	1420	30	Class C 35/65 Poz	Gel + latex + fluid loss + dispersant + free water control + defoamer + retarder + LCM
SURFACE	Lead		0	500	220	1.41	12.8	310	125	Class C	Salt + defoamer + LCM
SURFACE	Tail		0	500	380	1.33	14.8	505	125	Class C	None
INTERMEDIATE	Lead		0	8356	1590	2.02	11.5	3211	100	Trident 8 LT	Fluid loss + expansion agent + LCM + dispersant + retarder
INTERMEDIATE	Tail		0	8356	159	1.7	13.5	272	100	Class C	Gel + Fluid Loss

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with 43 CFR 3172:

Diagram of the equipment for the circulating system in accordance with 43 CFR 3172:

Describe what will be on location to control well or mitigate other conditions: Sufficient mud materials (e. g., bentonite, LCM, H2S scavengers) to maintain mud quality will be kept on site.

Describe the mud monitoring system utilized: An electronic pit volume totalizer (PVT) mud system will monitor pit volumes for gains or losses, flow rate, pump pressures, and stroke rate.

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
0	500	OTHER : Fresh Water Spud Mud	8.4	8.6							

Operator Name: ADMIRAL PERMIAN OPERATING LLC

Well Name: BAT BOMB FED COM **Well Number:** 402H

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
500	8356	OTHER : Enerlite Brine	9	9.5							
8356	19562	OIL-BASED MUD	10	12.5							

Section 6 - Test, Logging, Coring

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

GR log will be acquired by MWD tools from, GL to TD.

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

GAMMA RAY LOG,

Coring operation description for the well:

No core or open hole or cased hole log is planned.

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 4628 **Anticipated Surface Pressure:** 2669

Anticipated Bottom Hole Temperature(F): 150

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations

BB_H2S_Plan_20250915121406.pdf

Operator Name: ADMIRAL PERMIAN OPERATING LLC

Well Name: BAT BOMB FED COM **Well Number:** 402H

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

BB_402H_Directional_Plan_20250915122308.pdf

Other proposed operations facets description:

A cementing stage tool will be placed in the intermediate string at approximately 2,000' as a contingency. If cement does not circulate to surface on the first stage intermediate cement job, then the DV tool will be used to pump the second stage cement job to ensure cement is circulated to the surface.

Other proposed operations facets attachment:

Coflex_Certs_20241228095222.pdf

BB_402H_Anticollision_20250509093443.pdf

BB_WMP_20250509093506.pdf

BB_Wellhead_20250509093531.pdf

BB_402H_Drill_Plan_Rev_20251023095423.pdf

Other Variance request(s)?: N

Other Variance attachment:

ADMIRAL PERMIAN RESOURCES

Admiral Permian Resources
Project: Eddy County, NM (NAD 83 NME)
Site: Double Trouble Pad
Well: Bat Bomb Fed Com #402H
Wellbore: OWB
Design: Plan #4
Lat: 32° 15' 53.359 N
Long: 104° 14' 11.678 W
Pad GL: 3232.0
KB: KB @ 3258.0usft (H&P 642)

T G M

Azimuths to Grid North
True North: -0.05°
Magnetic North: 6.78°

Magnetic Field
Strength: 47308.4nT
Dip Angle: 59.83°
Date: 05/23/2024
Model: HDGM

INTREPID

To convert a Magnetic Direction to a Grid Direction, Add 6.78°

WELL DETAILS: Bat Bomb Fed Com #402H

3232.0

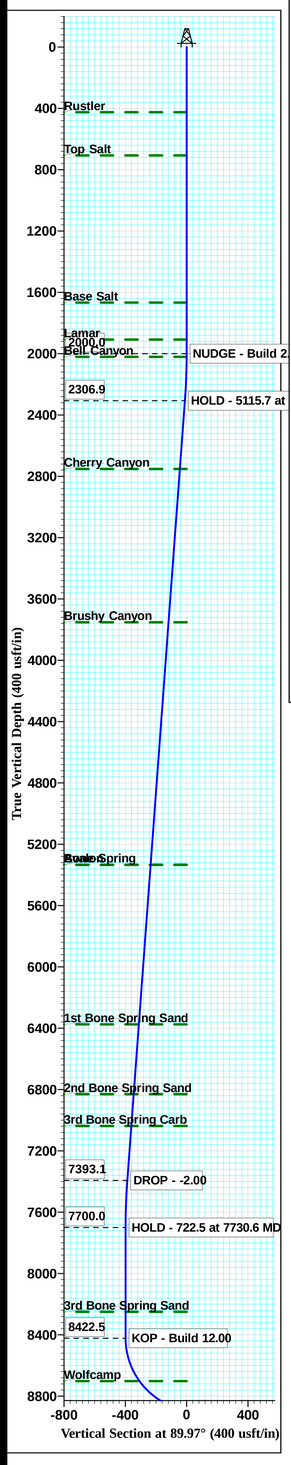
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	460088.83	571244.21	32° 15' 53.359 N	104° 14' 11.678 W

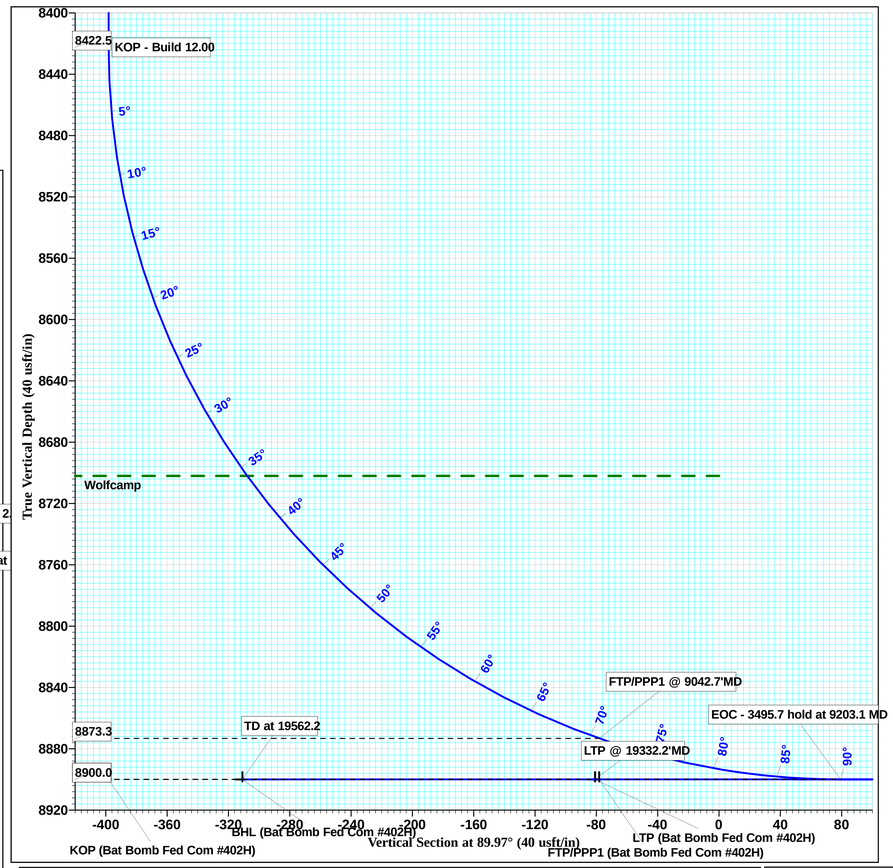
TARGET DETAILS

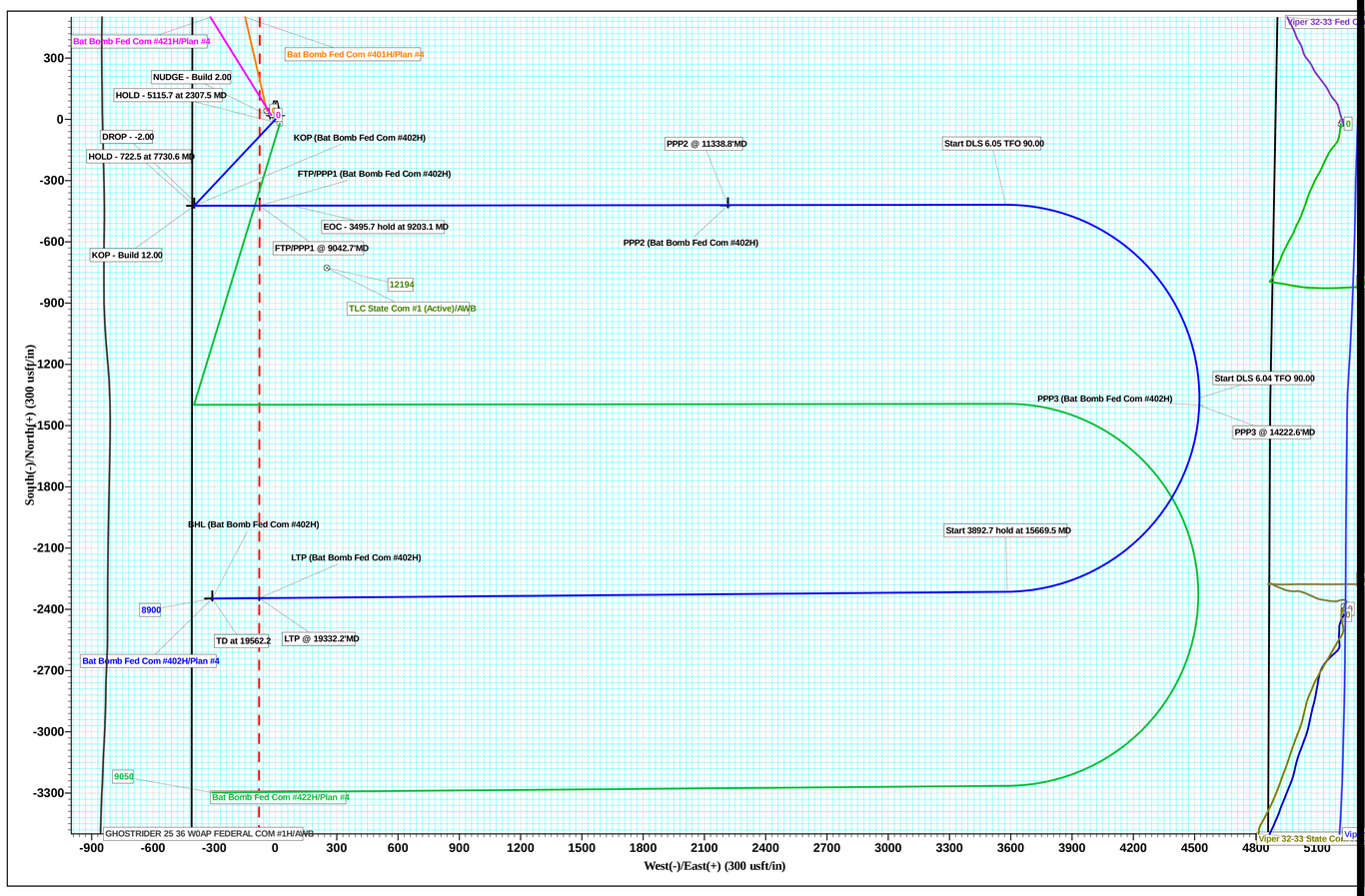
Name	TVD	+N/-S	+E/-W	Northing	Easting
BHL (Bat Bomb Fed Com #402H)	8900.0	-2347.3	-309.6	457741.55	570934.57
FTP/PPP1 (Bat Bomb Fed Com #402H)	8900.0	-423.1	-77.9	459665.70	571166.30
KOP (Bat Bomb Fed Com #402H)	8900.0	-423.3	-397.9	459665.54	570846.30
LTP (Bat Bomb Fed Com #402H)	8900.0	-2345.3	-79.6	457743.50	571164.57
PPP2 (Bat Bomb Fed Com #402H)	8900.0	-422.0	2215.3	459666.85	573459.52
PPP3 (Bat Bomb Fed Com #402H)	8900.0	-1401.2	4539.8	458687.66	575784.05

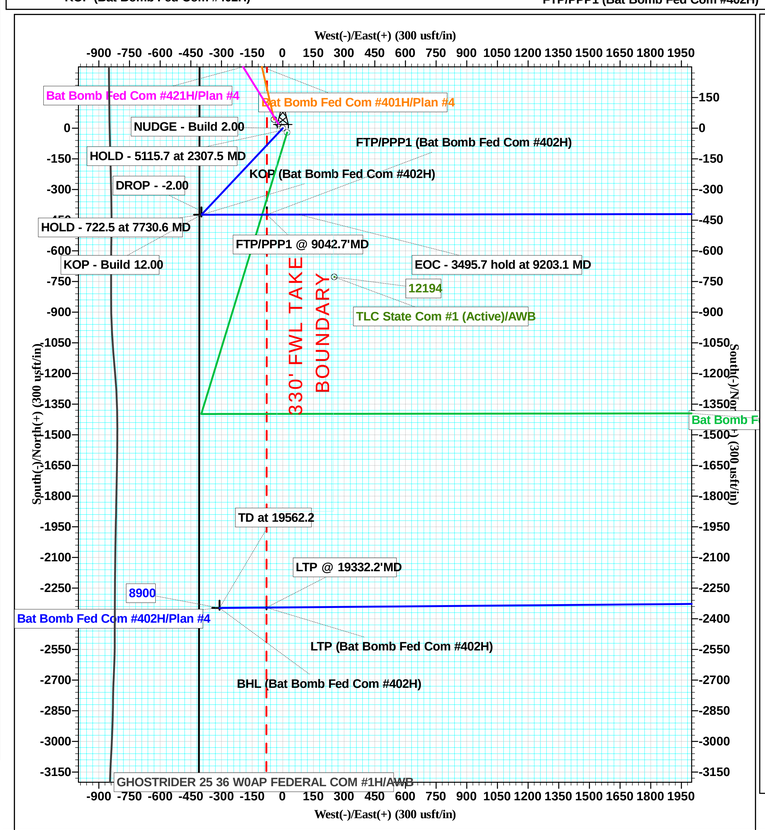
SECTION DETAILS

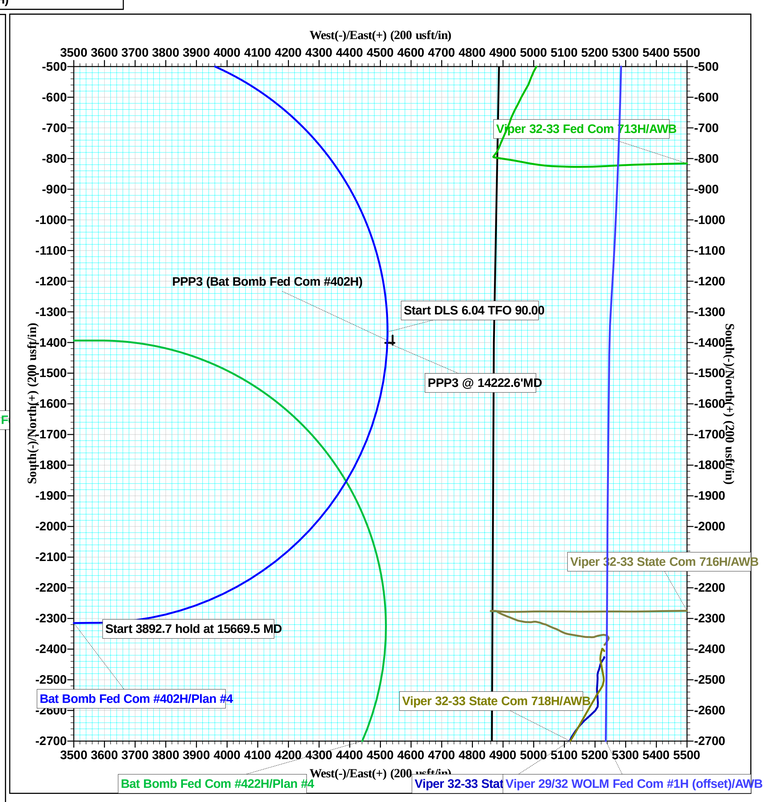
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0
2000.0	0.00	0.00	2000.0	0.0	0.0	0.00	0.00	0.0
2307.5	6.15	223.23	2306.9	-12.0	-11.3	2.00	223.23	-11.3
7423.2	6.15	223.23	7393.1	-411.3	-386.6	0.00	0.00	-386.8
7730.6	0.00	0.07	7700.0	-423.3	-397.9	2.00	180.00	-398.1
8453.1	0.00	0.07	8422.5	-423.3	-397.9	0.00	0.07	-398.1
9203.1	90.00	89.93	8900.0	-422.7	79.6	12.00	89.93	79.3
12698.8	90.00	89.93	8900.0	-418.4	3575.2	0.00	0.00	3575.0
14187.5	90.00	180.00	8900.0	-1365.5	4523.4	6.05	90.00	4522.7
15669.5	90.00	269.51	8900.0	-2314.0	3582.9	6.04	90.00	3581.7
19562.2	90.00	269.51	8900.0	-2347.3	-309.6	0.00	0.00	-310.9

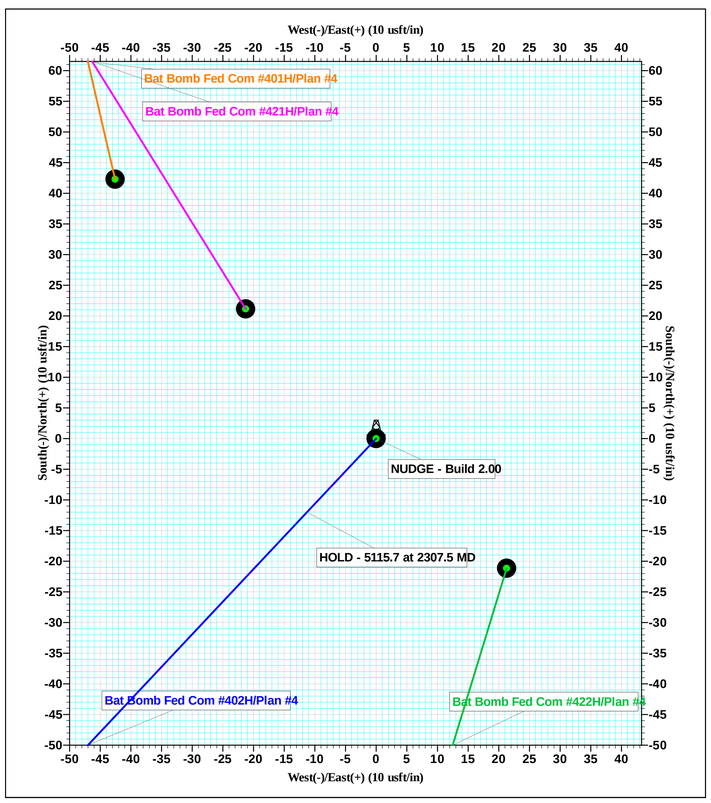












ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well Bat Bomb Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3258.0usft (H&P 642)
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3258.0usft (H&P 642)
Site:	Double Trouble Pad	**North Reference:**	Grid
Well:	Bat Bomb Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

Project Eddy County, NM (NAD 83 NME)

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site Double Trouble Pad

Site Position:		**Northing:**	459,968.11 usft	**Latitude:**	32° 15' 52.279 N
From:	Map	**Easting:**	530,133.74 usft	**Longitude:**	104° 22' 10.489 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	-0.02 °

Well Bat Bomb Fed Com #402H

Well Position	**+N/-S**	120.7 usft	**Northing:**	460,088.83 usft	**Latitude:**	32° 15' 53.359 N
	+E/-W	41,110.5 usft	**Easting:**	571,244.21 usft	**Longitude:**	104° 14' 11.678 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**		**Ground Level:**	3,232.0 usft

Wellbore OWB

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	05/23/24	6.83	59.83	47,308.43487500

Design Plan #4

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	89.97

Plan Survey Tool Program **Date** 05/02/25

	Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	19,562.2	Plan #4 (OWB)	MWD+IFR1+MS OWSG MWD + IFR1 + Mult	

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

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Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3258.0usft (H&P 642)
Site:	Double Trouble Pad	**North Reference:**	Grid
Well:	Bat Bomb Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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	
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,307.5	6.15	223.23	2,306.9	-12.0	-11.3	2.00	2.00	0.00	223.23	
7,423.2	6.15	223.23	7,393.1	-411.3	-386.6	0.00	0.00	0.00	0.00	
7,730.6	0.00	0.07	7,700.0	-423.3	-397.9	2.00	-2.00	0.00	180.00	
8,453.1	0.00	0.07	8,422.5	-423.3	-397.9	0.00	0.00	0.00	0.07	
9,203.1	90.00	89.93	8,900.0	-422.7	79.6	12.00	12.00	0.00	89.93	
12,698.8	90.00	89.93	8,900.0	-418.4	3,575.2	0.00	0.00	0.00	0.00	
14,187.5	90.00	180.00	8,900.0	-1,365.5	4,523.4	6.05	0.00	6.05	90.00	
15,669.5	90.00	269.51	8,900.0	-2,314.0	3,582.9	6.04	0.00	6.04	90.00	
19,562.2	90.00	269.51	8,900.0	-2,347.3	-309.6	0.00	0.00	0.00	0.00	BHL (Bat Bomb Fed

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

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Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3258.0usft (H&P 642)
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3258.0usft (H&P 642)
Site:	Double Trouble Pad	**North Reference:**	Grid
Well:	Bat Bomb Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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
425.0	0.00	0.00	425.0	0.0	0.0	0.0	0.00	0.00	0.00
Rustler									
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
707.0	0.00	0.00	707.0	0.0	0.0	0.0	0.00	0.00	0.00
Top Salt									
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	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,667.0	0.00	0.00	1,667.0	0.0	0.0	0.0	0.00	0.00	0.00
Base Salt									
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,908.0	0.00	0.00	1,908.0	0.0	0.0	0.0	0.00	0.00	0.00
Lamar									
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
NUDGE - Build 2.00									
2,021.0	0.42	223.23	2,021.0	-0.1	-0.1	-0.1	2.00	2.00	0.00
Bell Canyon									
2,100.0	2.00	223.23	2,100.0	-1.3	-1.2	-1.2	2.00	2.00	0.00
2,200.0	4.00	223.23	2,199.8	-5.1	-4.8	-4.8	2.00	2.00	0.00
2,307.5	6.15	223.23	2,306.9	-12.0	-11.3	-11.3	2.00	2.00	0.00
HOLD - 5115.7 at 2307.5 MD									
2,400.0	6.15	223.23	2,398.9	-19.2	-18.1	-18.1	0.00	0.00	0.00
2,500.0	6.15	223.23	2,498.3	-27.0	-25.4	-25.4	0.00	0.00	0.00
2,600.0	6.15	223.23	2,597.7	-34.8	-32.8	-32.8	0.00	0.00	0.00
2,700.0	6.15	223.23	2,697.2	-42.6	-40.1	-40.1	0.00	0.00	0.00
2,755.2	6.15	223.23	2,752.0	-47.0	-44.1	-44.2	0.00	0.00	0.00
Cherry Canyon									
2,800.0	6.15	223.23	2,796.6	-50.5	-47.4	-47.5	0.00	0.00	0.00
2,900.0	6.15	223.23	2,896.0	-58.3	-54.8	-54.8	0.00	0.00	0.00
3,000.0	6.15	223.23	2,995.4	-66.1	-62.1	-62.1	0.00	0.00	0.00
3,100.0	6.15	223.23	3,094.8	-73.9	-69.4	-69.5	0.00	0.00	0.00
3,200.0	6.15	223.23	3,194.3	-81.7	-76.8	-76.8	0.00	0.00	0.00
3,300.0	6.15	223.23	3,293.7	-89.5	-84.1	-84.2	0.00	0.00	0.00
3,400.0	6.15	223.23	3,393.1	-97.3	-91.4	-91.5	0.00	0.00	0.00
3,500.0	6.15	223.23	3,492.5	-105.1	-98.8	-98.8	0.00	0.00	0.00
3,600.0	6.15	223.23	3,592.0	-112.9	-106.1	-106.2	0.00	0.00	0.00
3,700.0	6.15	223.23	3,691.4	-120.7	-113.5	-113.5	0.00	0.00	0.00
3,761.0	6.15	223.23	3,752.0	-125.5	-117.9	-118.0	0.00	0.00	0.00

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well Bat Bomb Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3258.0usft (H&P 642)
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3258.0usft (H&P 642)
Site:	Double Trouble Pad	**North Reference:**	Grid
Well:	Bat Bomb Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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)
Brushy Canyon									
3,800.0	6.15	223.23	3,790.8	-128.5	-120.8	-120.9	0.00	0.00	0.00
3,900.0	6.15	223.23	3,890.2	-136.3	-128.1	-128.2	0.00	0.00	0.00
4,000.0	6.15	223.23	3,989.7	-144.1	-135.5	-135.5	0.00	0.00	0.00
4,100.0	6.15	223.23	4,089.1	-151.9	-142.8	-142.9	0.00	0.00	0.00
4,200.0	6.15	223.23	4,188.5	-159.7	-150.1	-150.2	0.00	0.00	0.00
4,300.0	6.15	223.23	4,287.9	-167.5	-157.5	-157.6	0.00	0.00	0.00
4,400.0	6.15	223.23	4,387.4	-175.3	-164.8	-164.9	0.00	0.00	0.00
4,500.0	6.15	223.23	4,486.8	-183.1	-172.2	-172.2	0.00	0.00	0.00
4,600.0	6.15	223.23	4,586.2	-190.9	-179.5	-179.6	0.00	0.00	0.00
4,700.0	6.15	223.23	4,685.6	-198.7	-186.8	-186.9	0.00	0.00	0.00
4,800.0	6.15	223.23	4,785.1	-206.5	-194.2	-194.3	0.00	0.00	0.00
4,900.0	6.15	223.23	4,884.5	-214.4	-201.5	-201.6	0.00	0.00	0.00
5,000.0	6.15	223.23	4,983.9	-222.2	-208.8	-209.0	0.00	0.00	0.00
5,100.0	6.15	223.23	5,083.3	-230.0	-216.2	-216.3	0.00	0.00	0.00
5,200.0	6.15	223.23	5,182.8	-237.8	-223.5	-223.6	0.00	0.00	0.00
5,300.0	6.15	223.23	5,282.2	-245.6	-230.8	-231.0	0.00	0.00	0.00
5,352.1	6.15	223.23	5,334.0	-249.6	-234.7	-234.8	0.00	0.00	0.00
Bone Spring - Avalon									
5,400.0	6.15	223.23	5,381.6	-253.4	-238.2	-238.3	0.00	0.00	0.00
5,500.0	6.15	223.23	5,481.0	-261.2	-245.5	-245.7	0.00	0.00	0.00
5,600.0	6.15	223.23	5,580.5	-269.0	-252.9	-253.0	0.00	0.00	0.00
5,700.0	6.15	223.23	5,679.9	-276.8	-260.2	-260.3	0.00	0.00	0.00
5,800.0	6.15	223.23	5,779.3	-284.6	-267.5	-267.7	0.00	0.00	0.00
5,900.0	6.15	223.23	5,878.7	-292.4	-274.9	-275.0	0.00	0.00	0.00
6,000.0	6.15	223.23	5,978.2	-300.2	-282.2	-282.4	0.00	0.00	0.00
6,100.0	6.15	223.23	6,077.6	-308.0	-289.5	-289.7	0.00	0.00	0.00
6,200.0	6.15	223.23	6,177.0	-315.8	-296.9	-297.0	0.00	0.00	0.00
6,300.0	6.15	223.23	6,276.4	-323.6	-304.2	-304.4	0.00	0.00	0.00
6,399.1	6.15	223.23	6,375.0	-331.4	-311.5	-311.7	0.00	0.00	0.00
1st Bone Spring Sand									
6,400.0	6.15	223.23	6,375.9	-331.4	-311.6	-311.7	0.00	0.00	0.00
6,500.0	6.15	223.23	6,475.3	-339.2	-318.9	-319.1	0.00	0.00	0.00
6,600.0	6.15	223.23	6,574.7	-347.0	-326.2	-326.4	0.00	0.00	0.00
6,700.0	6.15	223.23	6,674.1	-354.8	-333.6	-333.7	0.00	0.00	0.00
6,800.0	6.15	223.23	6,773.6	-362.6	-340.9	-341.1	0.00	0.00	0.00
6,856.8	6.15	223.23	6,830.0	-367.1	-345.1	-345.3	0.00	0.00	0.00
2nd Bone Spring Sand									
6,900.0	6.15	223.23	6,873.0	-370.4	-348.2	-348.4	0.00	0.00	0.00
7,000.0	6.15	223.23	6,972.4	-378.3	-355.6	-355.8	0.00	0.00	0.00
7,066.0	6.15	223.23	7,038.0	-383.4	-360.4	-360.6	0.00	0.00	0.00
3rd Bone Spring Carb									
7,100.0	6.15	223.23	7,071.8	-386.1	-362.9	-363.1	0.00	0.00	0.00
7,200.0	6.15	223.23	7,171.3	-393.9	-370.2	-370.5	0.00	0.00	0.00
7,300.0	6.15	223.23	7,270.7	-401.7	-377.6	-377.8	0.00	0.00	0.00
7,400.0	6.15	223.23	7,370.1	-409.5	-384.9	-385.1	0.00	0.00	0.00
7,423.2	6.15	223.23	7,393.1	-411.3	-386.6	-386.8	0.00	0.00	0.00
DROP - -2.00									
7,500.0	4.61	223.23	7,469.6	-416.5	-391.6	-391.8	2.00	-2.00	0.00
7,600.0	2.61	223.23	7,569.4	-421.1	-395.9	-396.1	2.00	-2.00	0.00
7,700.0	0.61	223.23	7,669.4	-423.2	-397.8	-398.0	2.00	-2.00	0.00
7,730.6	0.00	0.07	7,700.0	-423.3	-397.9	-398.1	2.00	-2.00	0.00
HOLD - 722.5 at 7730.6 MD									

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well Bat Bomb Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3258.0usft (H&P 642)
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3258.0usft (H&P 642)
Site:	Double Trouble Pad	**North Reference:**	Grid
Well:	Bat Bomb Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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)
7,800.0	0.00	0.00	7,769.4	-423.3	-397.9	-398.1	0.00	0.00	0.00
7,900.0	0.00	0.00	7,869.4	-423.3	-397.9	-398.1	0.00	0.00	0.00
8,000.0	0.00	0.00	7,969.4	-423.3	-397.9	-398.1	0.00	0.00	0.00
8,100.0	0.00	0.00	8,069.4	-423.3	-397.9	-398.1	0.00	0.00	0.00
8,200.0	0.00	0.00	8,169.4	-423.3	-397.9	-398.1	0.00	0.00	0.00
8,280.6	0.00	0.00	8,250.0	-423.3	-397.9	-398.1	0.00	0.00	0.00
3rd Bone Spring Sand									
8,300.0	0.00	0.00	8,269.4	-423.3	-397.9	-398.1	0.00	0.00	0.00
8,400.0	0.00	0.00	8,369.4	-423.3	-397.9	-398.1	0.00	0.00	0.00
8,453.1	0.00	0.00	8,422.5	-423.3	-397.9	-398.1	0.00	0.00	0.00
KOP - Build 12.00									
8,475.0	2.63	89.93	8,444.4	-423.3	-397.4	-397.6	12.00	12.00	0.00
8,500.0	5.63	89.93	8,469.3	-423.3	-395.6	-395.8	12.00	12.00	0.00
8,525.0	8.63	89.93	8,494.1	-423.3	-392.5	-392.7	12.00	12.00	0.00
8,550.0	11.63	89.93	8,518.7	-423.3	-388.1	-388.3	12.00	12.00	0.00
8,575.0	14.63	89.93	8,543.1	-423.3	-382.4	-382.7	12.00	12.00	0.00
8,600.0	17.63	89.93	8,567.1	-423.3	-375.5	-375.7	12.00	12.00	0.00
8,625.0	20.63	89.93	8,590.7	-423.3	-367.3	-367.5	12.00	12.00	0.00
8,650.0	23.63	89.93	8,613.9	-423.2	-357.9	-358.1	12.00	12.00	0.00
8,675.0	26.63	89.93	8,636.5	-423.2	-347.3	-347.5	12.00	12.00	0.00
8,700.0	29.63	89.93	8,658.5	-423.2	-335.5	-335.7	12.00	12.00	0.00
8,725.0	32.63	89.93	8,679.9	-423.2	-322.6	-322.8	12.00	12.00	0.00
8,750.0	35.63	89.93	8,700.6	-423.2	-308.5	-308.8	12.00	12.00	0.00
8,751.7	35.83	89.93	8,702.0	-423.2	-307.6	-307.8	12.00	12.00	0.00
Wolfcamp									
8,775.0	38.63	89.93	8,720.6	-423.2	-293.5	-293.7	12.00	12.00	0.00
8,800.0	41.63	89.93	8,739.7	-423.1	-277.3	-277.6	12.00	12.00	0.00
8,825.0	44.63	89.93	8,757.9	-423.1	-260.3	-260.5	12.00	12.00	0.00
8,850.0	47.63	89.93	8,775.2	-423.1	-242.2	-242.5	12.00	12.00	0.00
8,875.0	50.63	89.93	8,791.6	-423.1	-223.3	-223.6	12.00	12.00	0.00
8,900.0	53.63	89.93	8,806.9	-423.1	-203.6	-203.8	12.00	12.00	0.00
8,925.0	56.63	89.93	8,821.2	-423.0	-183.1	-183.3	12.00	12.00	0.00
8,950.0	59.63	89.93	8,834.4	-423.0	-161.9	-162.1	12.00	12.00	0.00
8,975.0	62.63	89.93	8,846.5	-423.0	-140.0	-140.2	12.00	12.00	0.00
9,000.0	65.63	89.93	8,857.4	-422.9	-117.5	-117.7	12.00	12.00	0.00
9,025.0	68.63	89.93	8,867.1	-422.9	-94.5	-94.7	12.00	12.00	0.00
9,042.7	70.75	89.93	8,873.3	-422.9	-77.9	-78.1	12.00	12.00	0.00
FTP/PPP1 @ 9042.7'MD									
9,050.0	71.63	89.93	8,875.6	-422.9	-70.9	-71.2	12.00	12.00	0.00
9,075.0	74.63	89.93	8,882.9	-422.9	-47.0	-47.2	12.00	12.00	0.00
9,100.0	77.63	89.93	8,888.9	-422.8	-22.8	-23.0	12.00	12.00	0.00
9,125.0	80.63	89.93	8,893.6	-422.8	1.8	1.6	12.00	12.00	0.00
9,150.0	83.63	89.93	8,897.0	-422.8	26.5	26.3	12.00	12.00	0.00
9,175.0	86.63	89.93	8,899.1	-422.7	51.5	51.2	12.00	12.00	0.00
9,200.0	89.63	89.93	8,900.0	-422.7	76.4	76.2	12.00	12.00	0.00
9,203.1	90.00	89.93	8,900.0	-422.7	79.6	79.3	12.00	12.00	0.00
EOC - 3495.7 hold at 9203.1 MD									
9,300.0	90.00	89.93	8,900.0	-422.6	176.4	176.2	0.00	0.00	0.00
9,400.0	90.00	89.93	8,900.0	-422.5	276.4	276.2	0.00	0.00	0.00
9,500.0	90.00	89.93	8,900.0	-422.3	376.4	376.2	0.00	0.00	0.00
9,600.0	90.00	89.93	8,900.0	-422.2	476.4	476.2	0.00	0.00	0.00
9,700.0	90.00	89.93	8,900.0	-422.1	576.4	576.2	0.00	0.00	0.00
9,800.0	90.00	89.93	8,900.0	-422.0	676.4	676.2	0.00	0.00	0.00
9,900.0	90.00	89.93	8,900.0	-421.9	776.4	776.2	0.00	0.00	0.00

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well Bat Bomb Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3258.0usft (H&P 642)
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3258.0usft (H&P 642)
Site:	Double Trouble Pad	**North Reference:**	Grid
Well:	Bat Bomb Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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)
10,000.0	90.00	89.93	8,900.0	-421.7	876.4	876.2	0.00	0.00	0.00
10,100.0	90.00	89.93	8,900.0	-421.6	976.4	976.2	0.00	0.00	0.00
10,200.0	90.00	89.93	8,900.0	-421.5	1,076.4	1,076.2	0.00	0.00	0.00
10,300.0	90.00	89.93	8,900.0	-421.4	1,176.4	1,176.2	0.00	0.00	0.00
10,400.0	90.00	89.93	8,900.0	-421.2	1,276.4	1,276.2	0.00	0.00	0.00
10,500.0	90.00	89.93	8,900.0	-421.1	1,376.4	1,376.2	0.00	0.00	0.00
10,600.0	90.00	89.93	8,900.0	-421.0	1,476.4	1,476.2	0.00	0.00	0.00
10,700.0	90.00	89.93	8,900.0	-420.9	1,576.4	1,576.2	0.00	0.00	0.00
10,800.0	90.00	89.93	8,900.0	-420.8	1,676.4	1,676.2	0.00	0.00	0.00
10,900.0	90.00	89.93	8,900.0	-420.6	1,776.4	1,776.2	0.00	0.00	0.00
11,000.0	90.00	89.93	8,900.0	-420.5	1,876.4	1,876.2	0.00	0.00	0.00
11,100.0	90.00	89.93	8,900.0	-420.4	1,976.4	1,976.2	0.00	0.00	0.00
11,200.0	90.00	89.93	8,900.0	-420.3	2,076.4	2,076.2	0.00	0.00	0.00
11,300.0	90.00	89.93	8,900.0	-420.1	2,176.4	2,176.2	0.00	0.00	0.00
11,338.8	90.00	89.93	8,900.0	-420.1	2,215.2	2,215.0	0.00	0.00	0.00
PPP2 @ 11338.8'MD									
11,400.0	90.00	89.93	8,900.0	-420.0	2,276.4	2,276.2	0.00	0.00	0.00
11,500.0	90.00	89.93	8,900.0	-419.9	2,376.4	2,376.2	0.00	0.00	0.00
11,600.0	90.00	89.93	8,900.0	-419.8	2,476.4	2,476.2	0.00	0.00	0.00
11,700.0	90.00	89.93	8,900.0	-419.7	2,576.4	2,576.2	0.00	0.00	0.00
11,800.0	90.00	89.93	8,900.0	-419.5	2,676.4	2,676.2	0.00	0.00	0.00
11,900.0	90.00	89.93	8,900.0	-419.4	2,776.4	2,776.2	0.00	0.00	0.00
12,000.0	90.00	89.93	8,900.0	-419.3	2,876.4	2,876.2	0.00	0.00	0.00
12,100.0	90.00	89.93	8,900.0	-419.2	2,976.4	2,976.2	0.00	0.00	0.00
12,200.0	90.00	89.93	8,900.0	-419.0	3,076.4	3,076.2	0.00	0.00	0.00
12,300.0	90.00	89.93	8,900.0	-418.9	3,176.4	3,176.2	0.00	0.00	0.00
12,400.0	90.00	89.93	8,900.0	-418.8	3,276.4	3,276.2	0.00	0.00	0.00
12,500.0	90.00	89.93	8,900.0	-418.7	3,376.4	3,376.2	0.00	0.00	0.00
12,600.0	90.00	89.93	8,900.0	-418.6	3,476.4	3,476.2	0.00	0.00	0.00
12,698.8	90.00	89.93	8,900.0	-418.4	3,575.2	3,575.0	0.00	0.00	0.00
Start DLS 6.05 TFO 90.00									
12,700.0	90.00	90.00	8,900.0	-418.4	3,576.4	3,576.2	6.05	0.00	6.05
12,750.0	90.00	93.03	8,900.0	-419.8	3,626.4	3,626.2	6.05	0.00	6.05
12,800.0	90.00	96.05	8,900.0	-423.7	3,676.3	3,676.0	6.05	0.00	6.05
12,850.0	90.00	99.08	8,900.0	-430.3	3,725.8	3,725.6	6.05	0.00	6.05
12,900.0	90.00	102.10	8,900.0	-439.5	3,775.0	3,774.7	6.05	0.00	6.05
12,950.0	90.00	105.13	8,900.0	-451.3	3,823.5	3,823.3	6.05	0.00	6.05
13,000.0	90.00	108.15	8,900.0	-465.6	3,871.4	3,871.2	6.05	0.00	6.05
13,050.0	90.00	111.18	8,900.0	-482.4	3,918.5	3,918.3	6.05	0.00	6.05
13,100.0	90.00	114.20	8,900.0	-501.7	3,964.6	3,964.4	6.05	0.00	6.05
13,150.0	90.00	117.23	8,900.0	-523.4	4,009.7	4,009.4	6.05	0.00	6.05
13,200.0	90.00	120.25	8,900.0	-547.4	4,053.5	4,053.2	6.05	0.00	6.05
13,250.0	90.00	123.28	8,900.0	-573.7	4,096.0	4,095.7	6.05	0.00	6.05
13,300.0	90.00	126.30	8,900.0	-602.3	4,137.1	4,136.8	6.05	0.00	6.05
13,350.0	90.00	129.33	8,900.0	-632.9	4,176.6	4,176.2	6.05	0.00	6.05
13,400.0	90.00	132.35	8,900.0	-665.6	4,214.4	4,214.1	6.05	0.00	6.05
13,450.0	90.00	135.38	8,900.0	-700.3	4,250.4	4,250.1	6.05	0.00	6.05
13,500.0	90.00	138.40	8,900.0	-736.8	4,284.6	4,284.2	6.05	0.00	6.05
13,550.0	90.00	141.43	8,900.0	-775.0	4,316.8	4,316.4	6.05	0.00	6.05
13,600.0	90.00	144.45	8,900.0	-814.9	4,346.9	4,346.5	6.05	0.00	6.05
13,650.0	90.00	147.48	8,900.0	-856.3	4,374.9	4,374.5	6.05	0.00	6.05
13,700.0	90.00	150.50	8,900.0	-899.2	4,400.7	4,400.2	6.05	0.00	6.05
13,750.0	90.00	153.53	8,900.0	-943.3	4,424.1	4,423.6	6.05	0.00	6.05

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well Bat Bomb Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3258.0usft (H&P 642)
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3258.0usft (H&P 642)
Site:	Double Trouble Pad	**North Reference:**	Grid
Well:	Bat Bomb Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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)
13,800.0	90.00	156.55	8,900.0	-988.7	4,445.2	4,444.7	6.05	0.00	6.05
13,850.0	90.00	159.58	8,900.0	-1,035.0	4,463.9	4,463.4	6.05	0.00	6.05
13,900.0	90.00	162.60	8,900.0	-1,082.3	4,480.1	4,479.5	6.05	0.00	6.05
13,950.0	90.00	165.63	8,900.0	-1,130.4	4,493.8	4,493.2	6.05	0.00	6.05
14,000.0	90.00	168.65	8,900.0	-1,179.2	4,504.9	4,504.3	6.05	0.00	6.05
14,050.0	90.00	171.68	8,900.0	-1,228.4	4,513.4	4,512.8	6.05	0.00	6.05
14,100.0	90.00	174.70	8,900.0	-1,278.1	4,519.4	4,518.7	6.05	0.00	6.05
14,150.0	90.00	177.73	8,900.0	-1,327.9	4,522.7	4,522.0	6.05	0.00	6.05
14,187.5	90.00	180.00	8,900.0	-1,365.5	4,523.4	4,522.7	6.05	0.00	6.05
Start DLS 6.04 TFO 90.00									
14,200.0	90.00	180.75	8,900.0	-1,377.9	4,523.3	4,522.6	6.04	0.00	6.04
14,222.6	90.00	182.12	8,900.0	-1,400.5	4,522.8	4,522.0	6.04	0.00	6.04
PPP3 @ 14222.6'MD									
14,250.0	90.00	183.77	8,900.0	-1,427.9	4,521.4	4,520.6	6.04	0.00	6.04
14,300.0	90.00	186.79	8,900.0	-1,477.7	4,516.8	4,516.0	6.04	0.00	6.04
14,350.0	90.00	189.81	8,900.0	-1,527.1	4,509.5	4,508.7	6.04	0.00	6.04
14,400.0	90.00	192.83	8,900.0	-1,576.2	4,499.7	4,498.9	6.04	0.00	6.04
14,450.0	90.00	195.85	8,900.0	-1,624.6	4,487.3	4,486.5	6.04	0.00	6.04
14,500.0	90.00	198.87	8,900.0	-1,672.3	4,472.4	4,471.5	6.04	0.00	6.04
14,550.0	90.00	201.89	8,900.0	-1,719.2	4,455.0	4,454.1	6.04	0.00	6.04
14,600.0	90.00	204.91	8,900.0	-1,765.1	4,435.1	4,434.2	6.04	0.00	6.04
14,650.0	90.00	207.93	8,900.0	-1,809.8	4,412.9	4,412.0	6.04	0.00	6.04
14,700.0	90.00	210.95	8,900.0	-1,853.4	4,388.3	4,387.4	6.04	0.00	6.04
14,750.0	90.00	213.97	8,900.0	-1,895.5	4,361.5	4,360.5	6.04	0.00	6.04
14,800.0	90.00	216.99	8,900.0	-1,936.3	4,332.5	4,331.5	6.04	0.00	6.04
14,850.0	90.00	220.01	8,900.0	-1,975.4	4,301.4	4,300.3	6.04	0.00	6.04
14,900.0	90.00	223.03	8,900.0	-2,012.8	4,268.2	4,267.2	6.04	0.00	6.04
14,950.0	90.00	226.05	8,900.0	-2,048.4	4,233.1	4,232.1	6.04	0.00	6.04
15,000.0	90.00	229.07	8,900.0	-2,082.2	4,196.2	4,195.2	6.04	0.00	6.04
15,050.0	90.00	232.09	8,900.0	-2,113.9	4,157.6	4,156.5	6.04	0.00	6.04
15,100.0	90.00	235.11	8,900.0	-2,143.6	4,117.4	4,116.3	6.04	0.00	6.04
15,150.0	90.00	238.13	8,900.0	-2,171.1	4,075.6	4,074.5	6.04	0.00	6.04
15,200.0	90.00	241.15	8,900.0	-2,196.4	4,032.5	4,031.3	6.04	0.00	6.04
15,250.0	90.00	244.17	8,900.0	-2,219.3	3,988.1	3,986.9	6.04	0.00	6.04
15,300.0	90.00	247.19	8,900.0	-2,239.9	3,942.5	3,941.4	6.04	0.00	6.04
15,350.0	90.00	250.21	8,900.0	-2,258.1	3,895.9	3,894.8	6.04	0.00	6.04
15,400.0	90.00	253.23	8,900.0	-2,273.7	3,848.5	3,847.3	6.04	0.00	6.04
15,450.0	90.00	256.25	8,900.0	-2,286.9	3,800.2	3,799.0	6.04	0.00	6.04
15,500.0	90.00	259.27	8,900.0	-2,297.5	3,751.4	3,750.2	6.04	0.00	6.04
15,550.0	90.00	262.29	8,900.0	-2,305.5	3,702.0	3,700.8	6.04	0.00	6.04
15,600.0	90.00	265.31	8,900.0	-2,310.9	3,652.3	3,651.1	6.04	0.00	6.04
15,650.0	90.00	268.33	8,900.0	-2,313.7	3,602.4	3,601.2	6.04	0.00	6.04
15,669.5	90.00	269.51	8,900.0	-2,314.0	3,582.9	3,581.7	6.04	0.00	6.04
Start 3892.7 hold at 15669.5 MD									
15,700.0	90.00	269.51	8,900.0	-2,314.3	3,552.4	3,551.2	0.00	0.00	0.00
15,800.0	90.00	269.51	8,900.0	-2,315.2	3,452.4	3,451.2	0.00	0.00	0.00
15,900.0	90.00	269.51	8,900.0	-2,316.0	3,352.4	3,351.2	0.00	0.00	0.00
16,000.0	90.00	269.51	8,900.0	-2,316.9	3,252.4	3,251.2	0.00	0.00	0.00
16,100.0	90.00	269.51	8,900.0	-2,317.7	3,152.4	3,151.2	0.00	0.00	0.00
16,200.0	90.00	269.51	8,900.0	-2,318.6	3,052.4	3,051.2	0.00	0.00	0.00
16,300.0	90.00	269.51	8,900.0	-2,319.4	2,952.4	2,951.2	0.00	0.00	0.00
16,400.0	90.00	269.51	8,900.0	-2,320.3	2,852.4	2,851.2	0.00	0.00	0.00
16,500.0	90.00	269.51	8,900.0	-2,321.1	2,752.4	2,751.2	0.00	0.00	0.00

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well Bat Bomb Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3258.0usft (H&P 642)
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3258.0usft (H&P 642)
Site:	Double Trouble Pad	**North Reference:**	Grid
Well:	Bat Bomb Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,600.0	90.00	269.51	8,900.0	-2,322.0	2,652.5	2,651.2	0.00	0.00	0.00
16,700.0	90.00	269.51	8,900.0	-2,322.8	2,552.5	2,551.2	0.00	0.00	0.00
16,800.0	90.00	269.51	8,900.0	-2,323.7	2,452.5	2,451.2	0.00	0.00	0.00
16,900.0	90.00	269.51	8,900.0	-2,324.5	2,352.5	2,351.2	0.00	0.00	0.00
17,000.0	90.00	269.51	8,900.0	-2,325.4	2,252.5	2,251.2	0.00	0.00	0.00
17,100.0	90.00	269.51	8,900.0	-2,326.3	2,152.5	2,151.3	0.00	0.00	0.00
17,200.0	90.00	269.51	8,900.0	-2,327.1	2,052.5	2,051.3	0.00	0.00	0.00
17,300.0	90.00	269.51	8,900.0	-2,328.0	1,952.5	1,951.3	0.00	0.00	0.00
17,400.0	90.00	269.51	8,900.0	-2,328.8	1,852.5	1,851.3	0.00	0.00	0.00
17,500.0	90.00	269.51	8,900.0	-2,329.7	1,752.5	1,751.3	0.00	0.00	0.00
17,600.0	90.00	269.51	8,900.0	-2,330.5	1,652.5	1,651.3	0.00	0.00	0.00
17,700.0	90.00	269.51	8,900.0	-2,331.4	1,552.5	1,551.3	0.00	0.00	0.00
17,800.0	90.00	269.51	8,900.0	-2,332.2	1,452.5	1,451.3	0.00	0.00	0.00
17,900.0	90.00	269.51	8,900.0	-2,333.1	1,352.5	1,351.3	0.00	0.00	0.00
18,000.0	90.00	269.51	8,900.0	-2,333.9	1,252.5	1,251.3	0.00	0.00	0.00
18,100.0	90.00	269.51	8,900.0	-2,334.8	1,152.5	1,151.3	0.00	0.00	0.00
18,200.0	90.00	269.51	8,900.0	-2,335.6	1,052.5	1,051.3	0.00	0.00	0.00
18,300.0	90.00	269.51	8,900.0	-2,336.5	952.5	951.3	0.00	0.00	0.00
18,400.0	90.00	269.51	8,900.0	-2,337.4	852.5	851.3	0.00	0.00	0.00
18,500.0	90.00	269.51	8,900.0	-2,338.2	752.5	751.3	0.00	0.00	0.00
18,600.0	90.00	269.51	8,900.0	-2,339.1	652.5	651.3	0.00	0.00	0.00
18,700.0	90.00	269.51	8,900.0	-2,339.9	552.5	551.3	0.00	0.00	0.00
18,800.0	90.00	269.51	8,900.0	-2,340.8	452.5	451.3	0.00	0.00	0.00
18,900.0	90.00	269.51	8,900.0	-2,341.6	352.5	351.3	0.00	0.00	0.00
19,000.0	90.00	269.51	8,900.0	-2,342.5	252.5	251.3	0.00	0.00	0.00
19,100.0	90.00	269.51	8,900.0	-2,343.3	152.5	151.3	0.00	0.00	0.00
19,200.0	90.00	269.51	8,900.0	-2,344.2	52.5	51.3	0.00	0.00	0.00
19,300.0	90.00	269.51	8,900.0	-2,345.0	-47.5	-48.7	0.00	0.00	0.00
19,332.2	90.00	269.51	8,900.0	-2,345.3	-79.6	-80.9	0.00	0.00	0.00
LTP @ 19332.2'MD									
19,400.0	90.00	269.51	8,900.0	-2,345.9	-147.4	-148.7	0.00	0.00	0.00
19,500.0	90.00	269.51	8,900.0	-2,346.7	-247.4	-248.7	0.00	0.00	0.00
19,562.2	90.00	269.51	8,900.0	-2,347.3	-309.6	-310.9	0.00	0.00	0.00
TD at 19562.2									

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well Bat Bomb Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3258.0usft (H&P 642)
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3258.0usft (H&P 642)
Site:	Double Trouble Pad	**North Reference:**	Grid
Well:	Bat Bomb Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

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 (Bat Bomb Fed C - plan hits target center - Point	0.00	0.07	8,900.0	-2,345.3	-79.6	457,743.50	571,164.57	32° 15' 30.151 N	104° 14' 12.630 W
BHL (Bat Bomb Fed C - plan hits target center - Point	0.00	0.07	8,900.0	-2,347.3	-309.6	457,741.55	570,934.57	32° 15' 30.133 N	104° 14' 15.309 W
KOP (Bat Bomb Fed C - plan misses target center by 197.8usft at 8825.0usft MD (8757.9 TVD, -423.1 N, -260.3 E) - Point	0.00	0.07	8,900.0	-423.3	-397.9	459,665.54	570,846.30	32° 15' 49.174 N	104° 14' 16.317 W
FTP/PPP1 (Bat Bomb - plan misses target center by 25.3usft at 9050.4usft MD (8875.8 TVD, -422.9 N, -70.6 E) - Point	0.00	0.07	8,900.0	-423.1	-77.9	459,665.70	571,166.30	32° 15' 49.173 N	104° 14' 12.590 W
PPP2 (Bat Bomb Fed (- plan misses target center by 1.9usft at 11338.9usft MD (8900.0 TVD, -420.1 N, 2215.3 E) - Point	0.00	0.07	8,900.0	-422.0	2,215.3	459,666.85	573,459.52	32° 15' 49.163 N	104° 13' 45.881 W
PPP3 (Bat Bomb Fed (- plan misses target center by 17.1usft at 14222.6usft MD (8900.0 TVD, -1400.5 N, 4522.8 E) - Point	0.00	0.07	8,900.0	-1,401.2	4,539.8	458,687.66	575,784.05	32° 15' 39.450 N	104° 13' 18.820 W

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
425.0	425.0	Rustler			
707.0	707.0	Top Salt			
1,667.0	1,667.0	Base Salt			
1,908.0	1,908.0	Lamar			
2,021.0	2,021.0	Bell Canyon			
2,755.2	2,752.0	Cherry Canyon			
3,761.0	3,752.0	Brushy Canyon			
5,352.1	5,334.0	Bone Spring			
5,352.1	5,334.0	Avalon			
6,399.1	6,375.0	1st Bone Spring Sand			
6,856.8	6,830.0	2nd Bone Spring Sand			
7,066.0	7,038.0	3rd Bone Spring Carb			
8,280.6	8,250.0	3rd Bone Spring Sand			
8,751.7	8,702.0	Wolfcamp			

ADMIRAL PERMIAN RESOURCES

Intrepid
Planning Report

INTREPID

Database:	EDM 5000.15 Single User Db	**Local Co-ordinate Reference:**	Well Bat Bomb Fed Com #402H
Company:	Admiral Permian Resources	**TVD Reference:**	KB @ 3258.0usft (H&P 642)
Project:	Eddy County, NM (NAD 83 NME)	**MD Reference:**	KB @ 3258.0usft (H&P 642)
Site:	Double Trouble Pad	**North Reference:**	Grid
Well:	Bat Bomb Fed Com #402H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OWB		
Design:	Plan #4		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
2,000.0	2,000.0	0.0	0.0	NUDGE - Build 2.00
2,307.5	2,306.9	-12.0	-11.3	HOLD - 5115.7 at 2307.5 MD
7,423.2	7,393.1	-411.3	-386.6	DROP - -2.00
7,730.6	7,700.0	-423.3	-397.9	HOLD - 722.5 at 7730.6 MD
8,453.1	8,422.5	-423.3	-397.9	KOP - Build 12.00
9,042.7	8,873.3	-422.9	-77.9	FTP/PPP1 @ 9042.7'MD
9,203.1	8,900.0	-422.7	79.6	EOC - 3495.7 hold at 9203.1 MD
11,338.8	8,900.0	-420.1	2,215.2	PPP2 @ 11338.8'MD
12,698.8	8,900.0	-418.4	3,575.2	Start DLS 6.05 TFO 90.00
14,187.5	8,900.0	-1,365.5	4,523.4	Start DLS 6.04 TFO 90.00
14,222.6	8,900.0	-1,400.5	4,522.8	PPP3 @ 14222.6'MD
15,669.5	8,900.0	-2,314.0	3,582.9	Start 3892.7 hold at 15669.5 MD
19,332.2	8,900.0	-2,345.3	-79.6	LTP @ 19332.2'MD
19,562.2	8,900.0	-2,347.3	-309.6	TD at 19562.2

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	ADMIRAL PERMIAN OPERATING LLC
WELL NAME & NO.:	BAT BOMB FED COM 402H
LOCATION:	Section 31, T.23 S., R.27 E., NMP
COUNTY:	Eddy County, New Mexico

COA

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

A. HYDROGEN SULFIDE

A Hydrogen Sulfide (H2S) Drilling Plan shall be activated AT SPUD. As a result, the Hydrogen Sulfide area must meet 43 CFR part 3170 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 **900 feet per BLM Geologist** (a minimum of 70 feet (Eddy County) into the Rustler Anhydrite, above the salt, and below usable fresh water) and cemented to the surface. The surface hole shall be **17-1/2** inch in diameter.

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 minimum required fill of cement behind the **7-5/8** inch intermediate casing is:

- 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.**

Contingency:

Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

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 High Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.**

3. 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.

C. PRESSURE CONTROL

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

2. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the **10-3/4** inch surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **10,000 (10M)** psi.

    a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
    c. Manufacturer representative shall install the test plug for the initial BOP test.
    d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
    e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

D. SPECIAL REQUIREMENT (S)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- The operator will submit an as-drilled survey well plat of the well completion, but are not limited to, those specified in Onshore Order 1 and 2.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

GENERAL REQUIREMENTS

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

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

☒ Eddy County
EMAIL or call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220,
BLM_NM_CFO_DrillingNotifications@BLM.GOV
(575) 361-2822

☒ Lea County
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.

JS 11/12/2025

Hydrogen Sulfide Drilling Operations Plan

1. **Hydrogen Sulfide Training:** All personnel shall receive proper H2S awareness training.

2. **Briefing Area:** A minimum of two safe briefing areas will be established, not less than 150 feet, or as practical from the wellhead and in such a location that at least one area will be up wind of the well at all times. Upon recognition of an emergency situation, all personnel must assemble at the designated, up wind briefing area, for muster and instructions.

3. **Hydrogen Sulfide Safety Equipment and Systems:** All hydrogen sulfide safety equipment and systems will be installed, tested, and operational prior to drilling below surface casing.

   a) **Well Control Equipment**
      i. Flare line 150' from wellhead to be ignited by auto ignition sparking system.
      ii. Choke manifold with a remotely operated hydraulic choke.
      iii. Mud/gas separator
      iv. Blowout preventer
      v. Rotating head

   b) **Protective equipment for essential personnel**
      i. 30-minute self-contained work units located in the doghouse and at briefing areas

      *If H2S is encountered in concentrations less than 10 ppm, fans will be placed in work areas to prevent the accumulation of hazardous amounts of poisonous gas

   c) **Hydrogen Sulfide Detection and Monitoring Equipment**
      i. Two portable hydrogen sulfide monitors positioned on location for optimum coverage and detection. The units shall have audible sirens to notify personnel when hydrogen sulfide levels exceed 20 ppm
      ii. If H2S is encountered, measured values and formations will be provided to the BLM.
      iii. Rig floor, shakers, and sub

   d) **Visual Warning Systems**
      i. Wind direction indicators as shown on the wellsite diagram
         - One on the rig floor
         - One at the pits

ii. One color code condition sign will be placed at each entrance to the site reflecting the possible conditions at the site.
iii. A colored condition flag will be on display, reflecting the current condition at the site at the time.

4. **Mud Program:** The mud program has been designed to minimize the amount of hydrogen sulfide entrained in the mud system. Proper mud weight, safe drilling practices, and the use of hydrogen sulfide scavengers will minimize hazards while drilling the well.

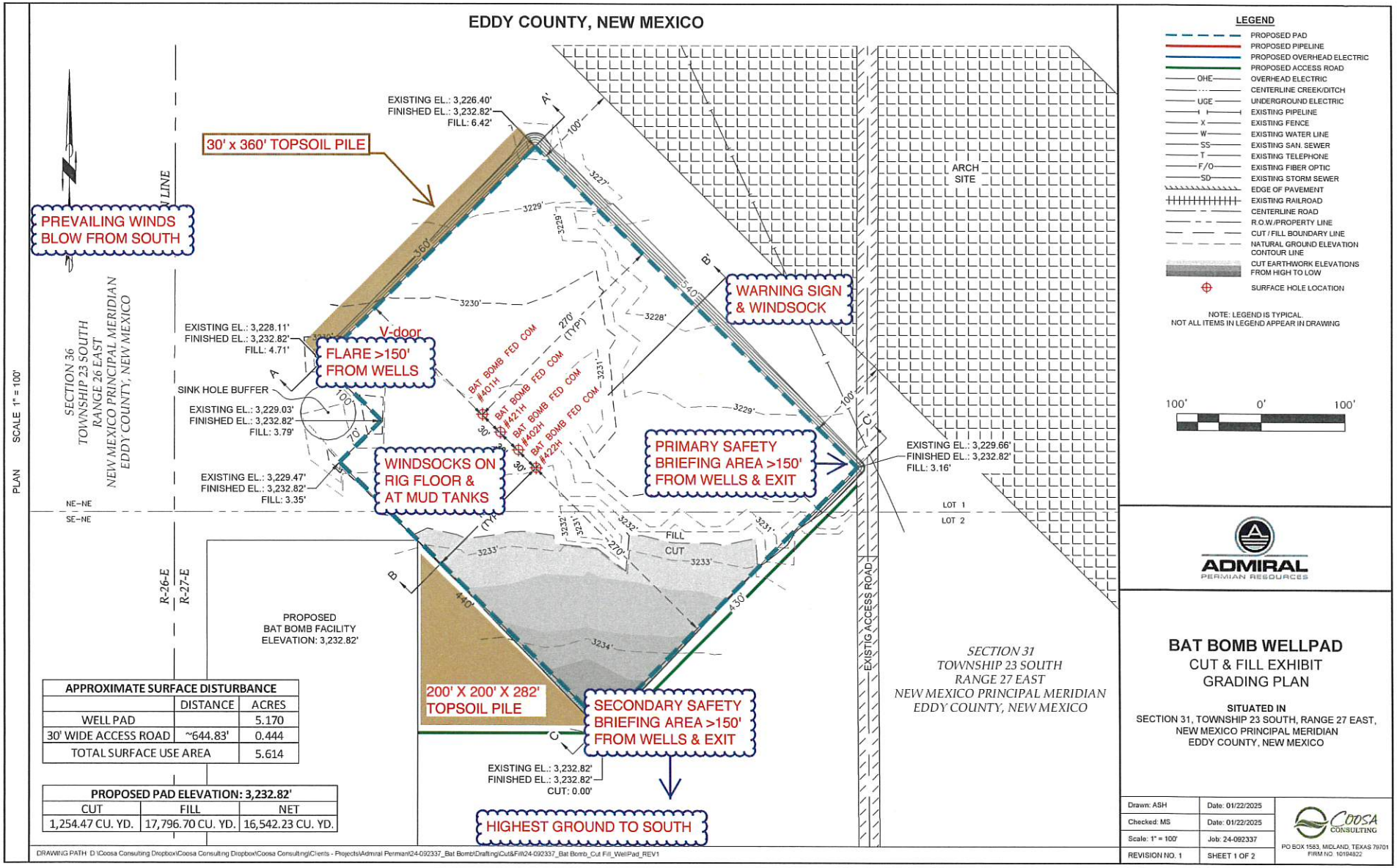
5. **Metallurgy:** All tubular systems, wellheads, blowout preventers, drilling spools, kill lines, choke manifolds, and valves shall be suitable for service in a hydrogen sulfide environment when chemically treated.

6. **Communications:** Communication will be via two-way radios and cell phones on location.

Based on concentrations of offset wells, proximity to main roads, and distance to populated areas, the radius of exposure created by a potential release was determined to be minimal and low enough to not necessitate an H2S contingency plan. This will be reevaluated if H2S is observed during any operations of the well. Three homes are within a quarter to half mile to the northwest.

Emergency Phone Numbers

Eddy County Sheriff's Office:	911 or 575 887-7551
Ambulance Service	911 or 575 885-2111
Carlsbad Fire Dept	911 or 575 885-2111
Eddy County Fire & Rescue Complex	575 628-5450
Eddy County Fire & Rescue Complex Emergency Dispatch	575 616-7155
Otis Volunteer Fire Dept	575 236-6113
Closest Medical Facility – Columbia Medical Center of Carlsbad	575 492-5000
BLM Carlsbad	575 234-5972
NMOCD	575 626-0857
Admiral Permian Operating LLC:	432-653-0245
VP of Operations – Michelle Estes:	432-638-7192
Drilling Manager – Jeremy Ward:	713-540-6060



APPROXIMATE SURFACE DISTURBANCE		
	DISTANCE	ACRES
WELL PAD		5.170
30' WIDE ACCESS ROAD	~644.83'	0.444
TOTAL SURFACE USE AREA		5.614

PROPOSED PAD ELEVATION: 3,232.82'		
CUT	FILL	NET
1,254.47 CU. YD.	17,796.70 CU. YD.	16,542.23 CU. YD.

ADMIRAL PERMIAN RESOURCES

BAT BOMB WELLPAD
CUT & FILL EXHIBIT
GRADING PLAN

SITUATED IN
SECTION 31, TOWNSHIP 23 SOUTH, RANGE 27 EAST,
NEW MEXICO PRINCIPAL MERIDIAN
EDDY COUNTY, NEW MEXICO

Drawn: ASH	Date: 01/22/2025
Checked: MS	Date: 01/22/2025
Scale: 1" = 100'	Job: 24-092337
REVISION NO. 1	SHEET 1 OF 2

COOSA CONSULTING
PO BOX 1583, MIDLAND, TEXAS 79701
FIRM NO. 10194822

DRAWING PATH D:\Coosa Consulting Dropbox\Coosa Consulting Dropbox\Coosa Consulting\Clients - Projects\Admiral Permian\24-092337_Bat Bomb\Drafting\Cut&Fill\24-092337_Bat Bomb_Cut Fill_WellPad_REV1

Admiral Permian Operating, LLC

Bat Bomb Fed Com
H2S 2 mile radius map

Section 31, T. 23S, R. 27E
Eddy County, New Mexico

Well Pad

1:27,000

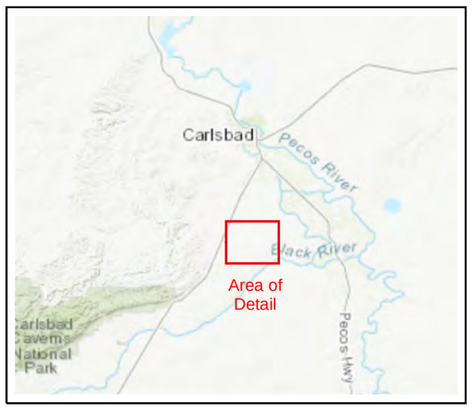
0 2,000 4,000
Feet

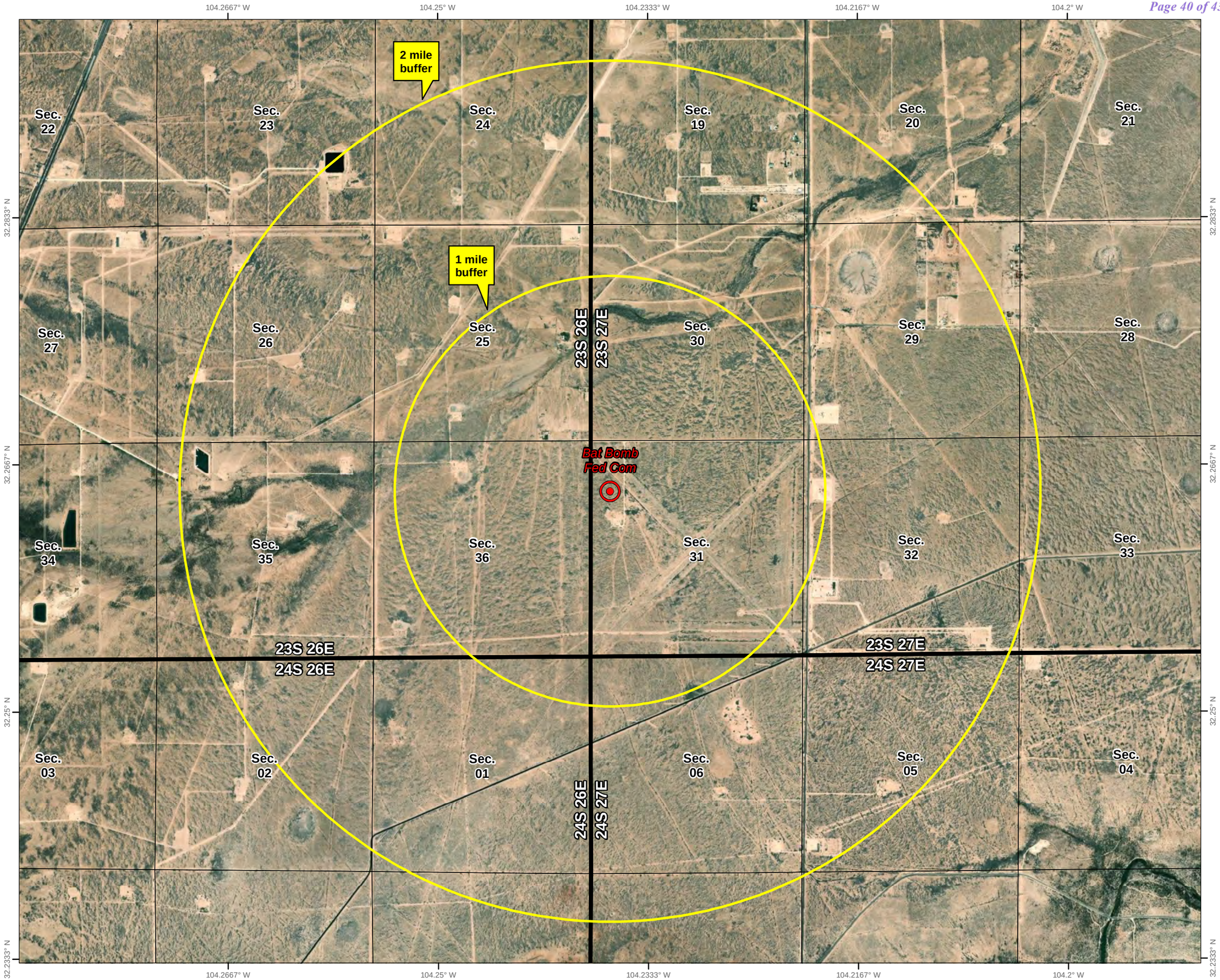
N

NAD 1983 New Mexico State Plane East
FIPS 3001 Feet

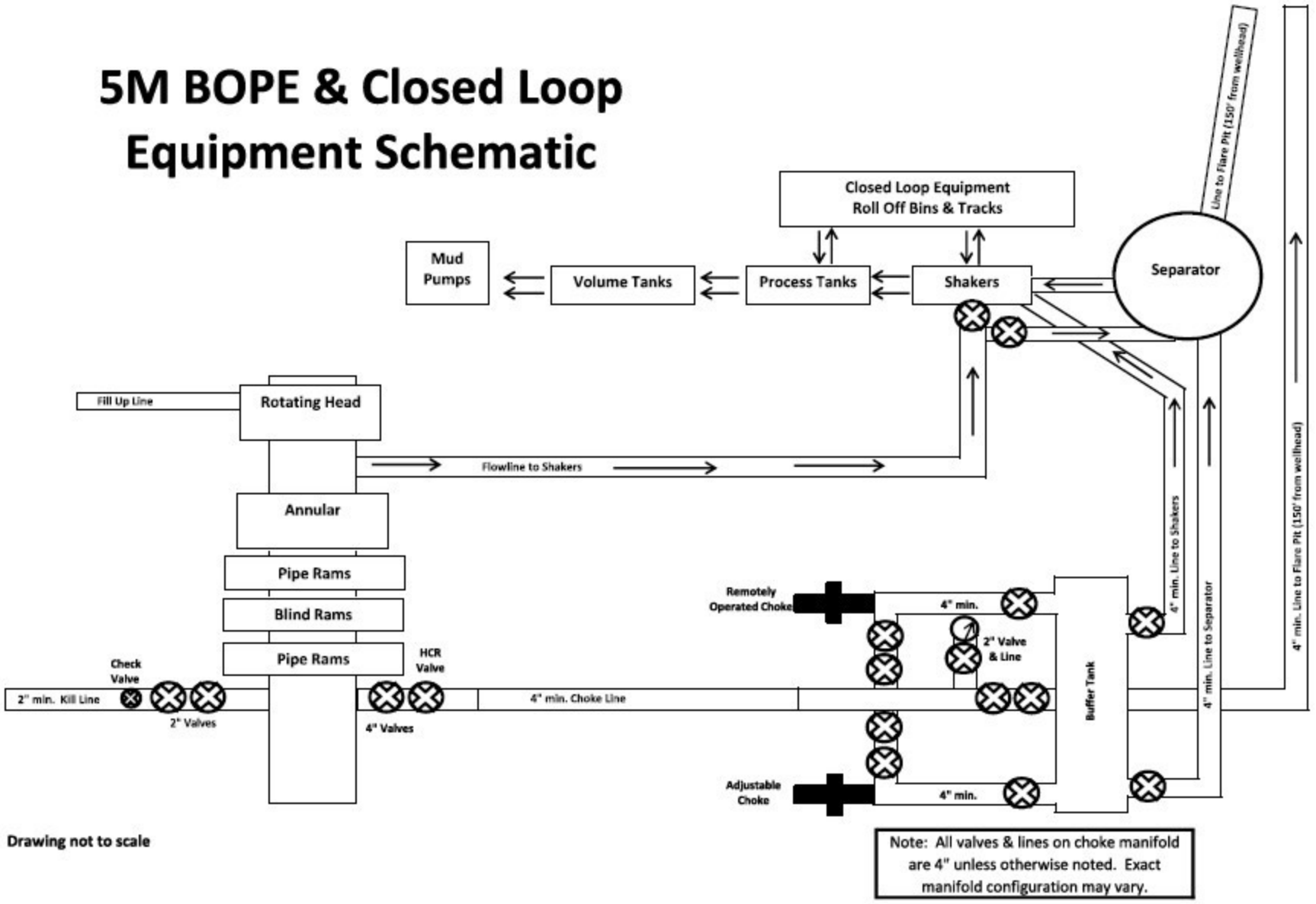
PERMITS WEST

Prepared by Permits West, Inc., May 8, 2025
for Admiral Permian Operating, LLC





5M BOPE & Closed Loop Equipment Schematic



Drawing not to scale

Note: All valves & lines on choke manifold are 4" unless otherwise noted. Exact manifold configuration may vary.

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

General Information
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Operator: Admiral Permian Operating LLC 200 N. Loraine St Midland, TX 79701	OGRID: 332762
	Action Number: 525780
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

ACKNOWLEDGMENTS

☑	I hereby certify that no additives containing PFAS chemicals will be added to the completion or recompletion of this well.

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CONDITIONS

Operator: Admiral Permian Operating LLC 200 N. Loraine St Midland, TX 79701	OGRID: 332762
	Action Number: 525780
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

CONDITIONS

Created By	Condition	Condition Date
permitsw	Cement is required to circulate on both surface and intermediate1 strings of casing.	11/12/2025
permitsw	If cement does not circulate on any string, a Cement Bond Log (CBL) is required for that string of casing.	11/12/2025
ward.rikala	Notify the OCD 24 hours prior to casing & cement.	12/23/2025
ward.rikala	File As Drilled C-102 and a directional Survey with C-104 completion packet.	12/23/2025
ward.rikala	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string.	12/23/2025
ward.rikala	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system.	12/23/2025