

Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
PALOMA 21	4H	3002541947	NMLC070315	NMNM134773	AVANT
PALOMA 21	1H	3002541993	NMLC070315	NMNM134768	AVANT
PALOMA 21	2H	3002541994	NMLC070315	NMNM135022	AVANT
PALOMA 21	3H	3002541995	NMLC070315	NMNM134674	AVANT

**Subsequent Report**

**Sundry ID:** 2904439

**Type of Submission:** Subsequent Report

**Type of Action:** Site Facility Diagram/Site Security Plan

**Date Sundry Submitted:** 04/06/2026

**Time Sundry Submitted:** 12:17

**Date Operation Actually Began:** 04/02/2026

**Actual Procedure:** On behalf of Avant Operating II, LLC please find attached updated site facility diagram for the Paloma Battery. Paloma 21 Federal Com #001H: 30-025-41993 Paloma 21 Federal Com #002H: 30-025-41994 Paloma 21 Federal Com #003H: 30-025-41995 Paloma 21 Federal Com #004H: 30-025-41947

**SR Attachments**

**Actual Procedure**

Paloma\_21\_Federal\_Com\_03H\_SFD\_20260406121723.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:** MEGHAN TWELE

**Signed on:** APR 06, 2026 12:17 PM

**Name:** AVANT OPERATING II LLC

**Title:** Contract Regulatory Analyst

**Street Address:** 1515 WYNKOOP ST SUITE 700

**City:** DENVER **State:** CO

**Phone:** (720) 339-6880

**Email address:** MTWELE@OUTLOOK.COM

**Field**

**Representative Name:**

**Street Address:**

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

**Phone:**

**Email address:**

**BLM Point of Contact**

**BLM POC Name:** ALONDRA J VASQUEZ

**BLM POC Phone:** 5752345907

**Disposition:** Accepted

**Signature:** Alondra Vasquez

**BLM POC Title:** Administrative Support Assistant

**BLM POC Email Address:** AJVASQUEZ@BLM.GOV

**Disposition Date:** 04/06/2026

CONFIDENTIAL

Form 3160-5  
(October 2024)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.
6. If Indian, Allottee or Tribe Name

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> 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			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

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

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

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

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

(Instructions on page 2)

## GENERAL INSTRUCTIONS

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

## SPECIFIC INSTRUCTIONS

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

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

## NOTICES

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

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

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

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

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

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

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

Response to this request is mandatory.

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

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

## Additional Information

### Batch Well Data

PALOMA 21 FEDERAL COM 4H, US Well Number: 3002541947, Case Number: NMNM134773, Lease Number: NMLC070315,  
Operator:AVANT OPERATING II LLC

PALOMA 21 FEDERAL COM 1H, US Well Number: 3002541993, Case Number: NMNM134768, Lease Number: NMLC070315,  
Operator:AVANT OPERATING II LLC

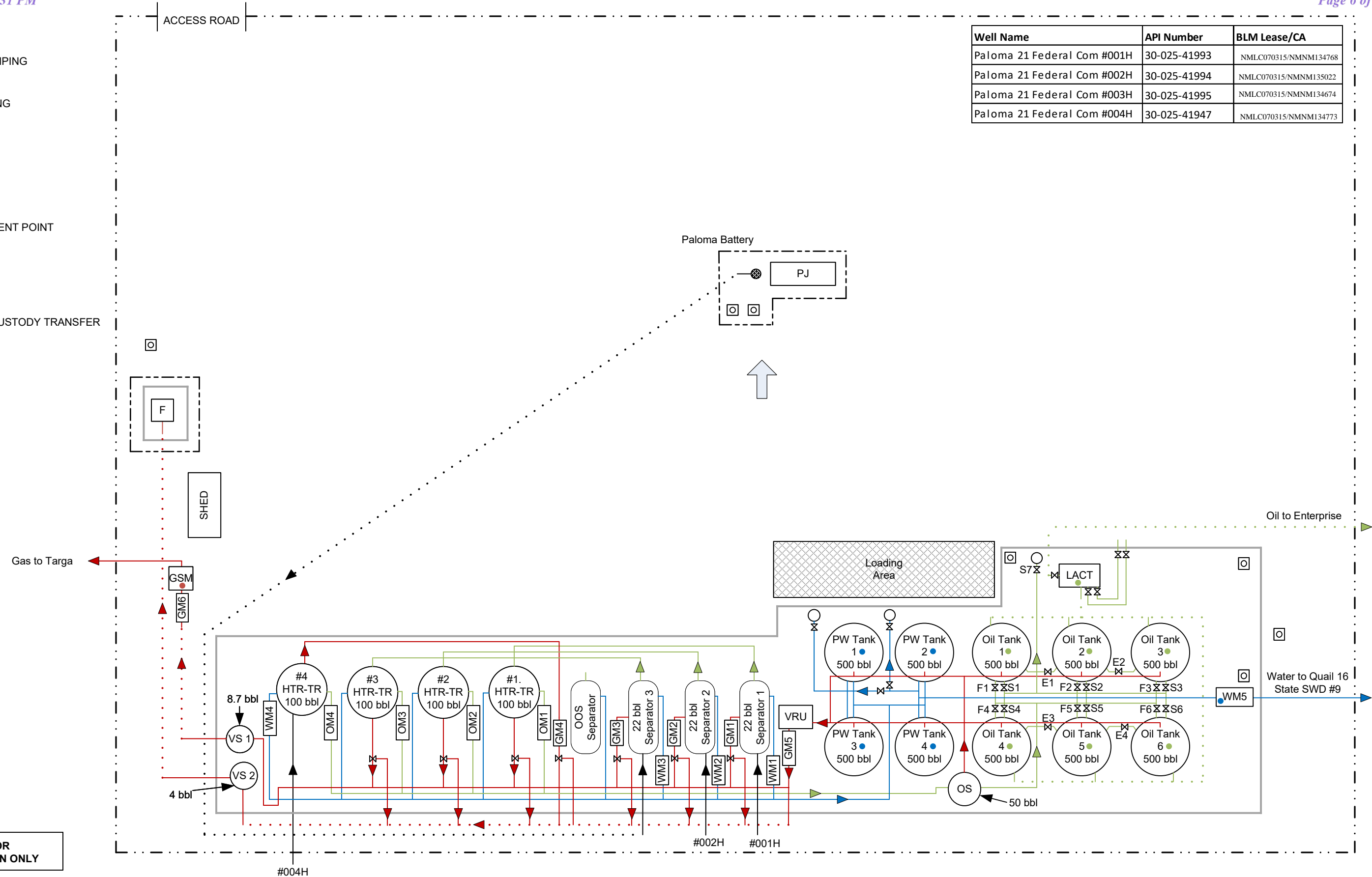
PALOMA 21 FEDERAL COM 2H, US Well Number: 3002541994, Case Number: NMNM135022, Lease Number: NMLC070315,  
Operator:AVANT OPERATING II LLC

PALOMA 21 FEDERAL COM 3H, US Well Number: 3002541995, Case Number: NMNM134674, Lease Number: NMLC070315,  
Operator:AVANT OPERATING II LLC

**LEGEND**

- BERM
- - - PAD PERIMETER
- PRODUCED WATER PIPING
- OIL PIPING
- GAS PIPING
- ... UNDERGROUND PIPING
- - - FENCE
- ← DIRECTION OF FLOW
- PW PRODUCED WATER
- bbbl BARREL(S)
- HTR-TR HEATER TREATER
- OS OIL STABILIZER
- FMP FACILITY MEASUREMENT POINT
- [PJ] PUMPJACK
- LOADOUT LINE
- ◻ CHEMICAL TOTE
- M METER
- LACT LEASE AUTOMATIC CUSTODY TRANSFER
- F FLARE
- OOS OUT OF SERVICE
- WELLHEAD
- WATER FMP
- OIL FMP
- GAS FMP
- ⋈ VALVE

Well Name	API Number	BLM Lease/CA
Paloma 21 Federal Com #001H	30-025-41993	NMLC070315/NMNM134768
Paloma 21 Federal Com #002H	30-025-41994	NMLC070315/NMNM135022
Paloma 21 Federal Com #003H	30-025-41995	NMLC070315/NMNM134674
Paloma 21 Federal Com #004H	30-025-41947	NMLC070315/NMNM134773



ALL UNDERGROUND PIPING IS FOR PROCESS FLOW DEMONSTRATION ONLY



Thornton, Colorado  
720.431.7468

**FACILITY DIAGRAM**  
Paloma Battery  
Avant Operating II, LLC

Unit B, Section 21, T20S, R34E  
Lea County, New Mexico



Drawing Not to Scale

32.564795, -103.563312  
NAD 1983, UTM Zone 13

Well Name	API Number	BLM Lease/CA
Paloma 21 Federal Com #001H	30-025-41993	NMLC070315/NMNM134768
Paloma 21 Federal Com #002H	30-025-41994	NMLC070315/NMNM135022
Paloma 21 Federal Com #003H	30-025-41995	NMLC070315/NMNM134674
Paloma 21 Federal Com #004H	30-025-41947	NMLC070315/NMNM134773

Beneficial Use Equipment	Burn Rate (MMSCF/month)	Calc Method
HT-1	278	Manufacturer
HT-2	278	Manufacturer
HT-3	278	Manufacturer
HT-4	278	Manufacturer

FMP Location	FMP Product	FMP Number	Owner
Lease Automatic Custody Transfer	Oil	LYN3FE-14002ATG	Enterprise
Gas Sales Meter	Gas	118-12-80	TARGA

METERS	ID	TYPE	S/N
Oil Meter #1	OM1	Coriolis	14466171
Oil Meter #2	OM2	Coriolis	14466424
Oil Meter #3	OM3	Coriolis	14466195
Oil Meter #4	OM4	Coriolis	14466434
Water Meter #1	WM1	Turbine	429251
Water Meter #2	WM2	Turbine	429398
Water Meter #3	WM3	Turbine	1220311974023
Water Meter #4	WM4	Turbine	466670
Water Meter #5	WM5	Turbine	466670
Gas Meter #1	GM1	Orifice	T140111896
Gas Meter #2	GM2	Orifice	T140111898
Gas Meter #3	GM3	Orifice	T140111888
Gas Meter #4	GM4	Orifice	T14011900
Gas Meter #5	GM5	Orifice	T140111899
Gas Meter #6	GM6 (Check Meter)	Orifice	
Gas Sales Meter	TARGA FMP	Orifice	1181280
LACT	ENTERPRISE FMP	Orifice	LYN3FE-14002ATG

EQUIPMENT TYPE	S/N	SIZE/VOLUME	RATING
Oil Tank #1	ST-27124	15'6" X 16 (500 Bbls)	4 OZ
Oil Tank #2	ST-27303	15'6" X 16 (500 Bbls)	4 OZ
Oil Tank #3	ST-25052	15'6" X 16 (500 Bbls)	4 OZ
Oil Tank #4	14832	15'6" X 16 (500 Bbls)	4 OZ
Oil Tank #5	ST-23571	15'6" X 16 (500 Bbls)	4 OZ
Oil Tank #6	ST-25050	15'6" X 16 (500 Bbls)	4 OZ
Water Tank #1	5583-08	15'6" X 16 (500 Bbls)	4 OZ
Water Tank #2	3-5960	15'6" X 16 (500 Bbls)	4 OZ
Water Tank #3	5059-13	15'6" X 16 (500 Bbls)	4 OZ
Water Tank #4	14832	15'6" X 16 (500 Bbls)	4 OZ
Test Separator #1	SP226	48" X 10'	250 PSI
Test Separator #2	SP332	48" X 10'	250 PSI
Test Separator #3	SP333	48" X 10'	250 PSI
Test Separator #4 (OOS)	SP276	48" X 10'	250 PSI
Heater Treater #1	4647-2	72" X 20'	75 PSI
Heater Treater #2	4474	72" X 20'	75 PSI
Heater Treater #3	HT204	72" X 20'	125 PSI
Heater Treater #4	HT203	72" X 20'	125 PSI
Vertical Scrubber #1	2276	30" X 10'	125 PSI
Vertical Scrubber # 2	3574-9	24" X 7'6"	500 PSI

Valve	Production Phase	Sales Phase
S1	Closed	Open
S2	Closed	Closed
S3	Closed	Closed
S4	Closed	Closed
S5	Closed	Closed
S6	Closed	Closed
S7	Closed	Closed
F1	Open	Closed
F2	Closed	Closed
F3	Closed	Closed
F4	Closed	Closed
F5	Closed	Closed
F6	Closed	Closed
E1	Open	Closed
E2	Open	Closed
E3	Open	Closed
E4	Open	Closed

ALL UNDERGROUND PIPING IS FOR PROCESS FLOW DEMONSTRATION ONLY



**FACILITY DIAGRAM**  
Paloma Bettery  
Avant Operating II, LLC

Unit B, Section 21, T20S, R34E  
Lea County, New Mexico

32.564795 -103.563312  
NAD 1983, UTM Zone 13



Drawing Not to Scale

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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 571898

**CONDITIONS**

Operator: Avant Operating II, LLC 1515 Wynkoop Street Denver, CO 80202	OGRID: 332947
	Action Number: 571898
	Action Type: [C-103] Sub. General Sundry (C-103Z)

**CONDITIONS**

Created By	Condition	Condition Date
dmcclure	ACCEPTED FOR RECORD ONLY	4/8/2026