

District I (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III (505) 334-6178  
 1000 Rio Brazos Road, Aztec, NM 87410  
 District IV (505) 827-8198  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy Minerals and Natural Resources

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

Form C-106  
 Revised August 1, 2011

C106-916

ACT Permit No.

## NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Operator Enduring Resources IV, LLCAddress 200 Energy Court Farmington, NM 87401 County SANDOVALLease(s) to be served by this ACT Unit: NMNM130812A (S Escavada Unit)Pool(s) to be served by this ACT Unit Rusty Gallup Oil Pool (52860)Location of ACT System: Unit B Section 22 Township 22N Range 7W

Order No. authorizing commingling between leases if more than one lease is to be served by this system.

R-14347 Date 5/15/2017

Order No. authorizing commingling between pools if more than one pool is to be served by this system

N/A Date N/AAuthorized transporter of oil from this system Marathon PetroleumTransporter's address 6500 Trowbridge Drive El Paso, TX 79905Maximum expected daily through-put for this system: 8,000 BBL/Day

If system fails to transfer oil due to malfunction or otherwise, waste by overflow will be averted by:

CHECK ONE: A. ☐ Automatic shut-down facilities B. ☒ Providing adequate available capacity to receive production  
 as required by 19.15.18.15.C(8) NMAC during maximum unattended time of lease operation  
 19.15.18.15.C(9) NMAC

If "A" above is checked, will flowing wells be shut-in at the header manifold or at the wellhead?

NA Maximum well-head shut-in pressure N/A

If "B" above is checked, how much storage capacity is available above the normal high working level of the

surge tank 132 BBLs.What is the normal maximum unattended time of lease operation? Sixteen (16) Hours.

What device will be used for measuring oil in this ACT unit?

CHECK ONE: ☐ Positive displacement meter ☐ Weir-type measuring vessel  
☐ Positive volume metering chamber ☒ Other; describe Coriolis Meter

Remarks: This LACT will be selling to pipeline.

## OPERATOR:

I hereby certify above information is true and complete to best of my knowledge and subject ACT system will be installed and operated in accordance with Rule 19.15.18.15 NMAC. Approval of this Form

C-106 does not eliminate necessity of an approved C-104 prior to running any oil or gas from this system.

Signature Heather HuntingtonPrinted Name & Title Heather Huntington, Permitting TechE-mail Address hhuntington@enduringresources.comDate 7/9/24 Telephone (505) 636-9751

## OIL CONSERVATION DIVISION

Approved by: Dean R McClureTitle: Petroleum EngineerDate: 09/28/2024

Operation of the equipment shall be performed in  
 accordance with 19.15.18.15 NMAC.

INSTRUCTIONS: Submit one copy of Form C-106 with following attachments to appropriate district office.

- 1) Lease plat showing all wells which will be produced in ACT system.
- 2) Schematic diagram of battery and ACT equipment showing all major components and means employed to prove accuracy of measuring device.
- 3) Letter from transporter agreeing to utilization of ACT system as shown on schematic diagram.

**NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT  
S ESCAVADA UNIT 345H/346H/337H/343H/344H PIPELINE LACT UNIT:**

**WELLS TO BE SERVED BY PIPELINE LACT UNIT:**

- S ESCAVADA UNIT 345H / API # 30-043-21513/ UNIT B Sec. 22, T22N, R7W, NMPM
- S ESCAVADA UNIT 346H / API # 30-043-21514/ UNIT B Sec. 22, T22N, R7W, NMPM
- S ESCAVADA UNIT 337H / API # 30-043-21512/ UNIT B Sec. 22, T22N, R7W, NMPM
- S ESCAVADA UNIT 343H / API # 30-043-21515/ UNIT B Sec.14, T22N, R7W, NMPM
- S ESCAVADA UNIT 344H / API # 30-043-21516/ UNIT B Sec.14, T22N, R7W, NMPM

**19.15.18.15 AUTOMATIC CUSTODY TRANSFER EQUIPMENT:**

A. Oil shall be received and measured in facilities of an approved design. The facilities shall permit the testing of each well at reasonable intervals and may be comprised of manually gauged, closed stock tanks for which the operator of the ACT system has prepared proper strapping tables, or of ACT equipment. The division shall permit ACT equipment's use only after the operator complies with the following. The operator shall file with the division form C-106 and receive approval for use of the ACT equipment prior to transferring oil through the ACT system. The carrier shall not accept delivery of oil through the ACT system until the division has approved form C-106.

- *Summary is attached to Form C-106 Notice of Intent to Utilize Automatic Custody Transfer Equipment*

B. The operator of the ACT system shall submit form C-106 to the appropriate division district office, which is accompanied by the following:

- (1) plat of the lease showing all wells that the any well operator will produce into the ACT system;
  - *Attached as part of Form C-106 Notice of Intent*

(2) schematic diagram of the ACT equipment, showing on the diagram all major components such as surge tanks and their capacity, extra storage tanks and their capacity, transfer pumps, monitors, reroute valves, treaters, samplers, strainers, air and gas eliminators, back pressure valves and metering devices (indicating type and capacity, *i.e.* whether automatic measuring tank, positive volume metering chamber, weir-type measuring vessel or positive displacement meter); the schematic diagram shall also show means employed to prove the measuring device's accuracy; and

- *Attached as part of Form C-106 Notice of Intent*
- (3) letter from transporter agreeing to utilization of ACT system as shown on schematic diagram.
    - *Attached as part of Form C-106 Notice of Intent*

C. The division shall not approve form C-106 unless the operator of the ACT system will install and operate the ACT system in compliance with the following requirements.

(1) Provision is made for accurate determination and recording of uncorrected volume and applicable temperature, or of temperature corrected volume. The system's overall accuracy shall equal or surpass manual methods.

- *The LACT system is more accurate when compared to a manual tank sale. It is proved per BLM Onshore Order #4 Measurement of Oil and API MPMS Chapter 4 Proving Systems; with a volumetric prover that meets the requirements set forth in Onshore Order #4. The LACT also has a temperature RTD which will be calibrated semi-annually, unless more frequent verification is requested by the division.*

(2) Provision is made for representative sampling of the oil transferred for determination of API gravity and BS&W content.

- *The LACT is equipped with a flow proportional sampler (sample probe and actuated valve). The sampled fluid is stored in a sealed cylinder that is used for API gravity and S&W determination.*

(3) Provision is made if required by either the oil's producer or the transporter to give adequate assurance that the ACT system runs only merchantable oil.

- *The LACT is equipped with a water cut analyzer that communicates with the flow computer. When the S&W set point is reached the divert valve will engage sending non-merchantable oil to a divert tank. The set point can be adjusted in the flow computer but only if agreed upon by both shipper and producer.*

(4) Provision is made for set-stop counters to stop the flow of oil through the ACT system at or prior to the time the allowable has been run. Counters shall provide non-reset totalizers that are visible for inspection at all times.

- ***The Coriolis meter has non-resettable totalizer which is always visibly available on the LCD display.***

(5) Necessary controls and equipment are enclosed and sealed, or otherwise arranged to provide assurance against, or evidence of, accidental or purposeful mismeasurement resulting from tampering.

- ***Required ports are sealed and tracked in the seal log.***

(6) The ACT system's components are properly sized to ensure operation within the range of their established ratings. All system components that require periodic calibration or inspection for proof of continued accuracy are readily accessible; the frequency and methods of the calibration or inspection shall be as set forth in Paragraph (12) of Subsection C of 19.15.18.15 NMAC.

- ***The Coriolis is proved per BLM Onshore Order #4 Measurement of Oil and API MPMS Chapter 4 Proving Systems; with a volumetric prover that meets the requirements set forth in Onshore Order #4. The prover is NIST traceable and water drawn on a bi-annual basis. Proving will be consistent with Onshore Order #4, unless a variance is granted by the Division. NMOCD representatives are sent the schedule to witness if desired. The temperature transmitter is verified on a semi-annual basis, unless more frequent verification is requested by the Division. The water cut analyzer is calibrated as needed.***

(7) The control and recording system includes adequate fail-safe features that provide assurance against mismeasurement in the event of power failure, or the failure of the ACT system's component parts.

- ***In the event of power failure, the divert valve mechanically goes to "failed state" and no longer sales oil but only sends it to the divert tank.***
- ***All of the historized volume data is stored in flow computer memory with battery backup and is also transmitted by SCADA, multiple times a day, to an office server. So even during a power failure no oil volume is lost.***
- ***In the event of a malfunction, the LACT unit is programmed to shut off and divert valve is forced to close and no longer sales oil but only sends it to the divert tank. The malfunction is also logged by the flow computer.***

(8) The ACT system and allied facilities include fail-safe equipment as may be necessary, including high level switches in the surge tank or overflow storage tank that, in the event of power failure or malfunction of the ACT or other equipment, will shut down artificially lifted wells connected to the ACT system and will shut in flowing wells at the well-head or at the header manifold, in which latter case the operator of the ACT system shall pressure test all flowlines to at least 1½ times the maximum well-head shut-in pressure prior to the ACT system's initial use and every two years thereafter.

- ***Hi level switches are in place and will shut the well in at the inlet to the production unit in the event of a full tank. Flow lines were tested to 1 ½ times shut in pressure at initial construction. Testing will commence every two years to ensure piping integrity.***

(9) As an alternative to the requirements of Paragraph (8) of Subsection C of 19.15.18.15 NMAC the producer shall provide and at all times maintain a minimum of available storage capacity above the normal high working level of the surge tank to receive and hold the amount of oil that may be produced during maximum unattended time of lease operation.

- ***N/A***

(10) In all ACT systems employing automatic measuring tanks, weir-type measuring vessels, positive volume metering chambers or any other volume measuring container, the container and allied components shall be properly calibrated prior to initial use and shall be operated, maintained and inspected as necessary to ensure against incrustation, changes in clingage factors, valve leakage or other leakage and improper action of floats, level detectors, etc.

- ***N/A – Coriolis Meter***

(11) In ACT systems employing positive displacement meters, the meter and allied components shall be properly calibrated prior to initial use and shall be operated, maintained and inspected as necessary to ensure against oil mismeasurement.

- ***The Coriolis is proved per BLM Onshore Order #4 Measurement of Oil and API MPMS Chapter 4 Proving Systems; with a volumetric prover that meets the requirements set forth in Onshore***

***Order #4. The prover is NIST traceable and water drawn on a bi-annual basis. Monthly proving will continue per the rule, unless a variance is granted by the Division. NMOCD representatives are sent the schedule to witness if desired. The temperature transmitter is verified on a semi-annual basis, unless more frequent verification is requested by the Division.***

(12) The operator of the ACT system shall check the measuring and recording devices of ACT systems for accuracy at least once each month unless it has obtained an exception to such determination from the division. Where applicable, the operator of the ACT system shall use API standard 1101, Measurement of Petroleum Hydrocarbons by Positive Displacement Meter. Meters may be proved against master meters, portable prover tanks or prover tanks permanently installed on the lease. If the operator of the ACT system uses permanently installed prover tanks, the distance between the opening and closing levels and the provision for determining the opening and closing readings shall be sufficient to detect variations of 5/100 of one percent. The operator of the ACT system shall file reports of determination on the division form entitled "meter test report" or on another acceptable form in duplicate with the appropriate division district office.

- ***The Coriolis is proved per BLM Onshore Order #4 Measurement of Oil and API MPMS Chapter 4 Proving Systems; with a volumetric prover that meets the requirements set forth in Onshore Order #4. The prover is NIST traceable and water drawn on a bi-annual basis. Monthly proving will continue per the rule, unless a variance is granted by the Division. NMOCD representatives are sent the schedule to witness if desired. The temperature transmitter is verified on a semi-annual basis, unless more frequent verification is requested by the Division.***

(13) To obtain an exception to the requirement in Paragraph (12) of Subsection C of 19.15.18.15 NMAC that all measuring and recording devices be checked for accuracy once each month, either the producer or transporter may file a request with the director setting forth facts pertinent to the exception. The application shall include a history of the average factors previously obtained, both tabulated and plotted on a graph of factors versus time, showing that the particular installation has experienced no erratic drift. The applicant shall also furnish evidence that the other interested party has agreed to the exception. The director may then set the frequency for determination of the system's accuracy at the interval which the director deems prudent.

- *N/A*

**D.** The division may revoke its approval of an ACT system's form C-106 if the system's operator fails to operate it in compliance with 19.15.18.15 NMAC.

1 API Number		2 Pool Code	3 Pool Name
		52860	RUSTY GALLUP OIL POOL
4 Property Code	5 Property Name		6 Well Number
322151	S ESCAVADA UNIT		345H
7 OGRID No.	8 Operator Name		9 Elevation
372286	ENDURING RESOURCES, LLC		6867'


10 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	22N	7W		279	NORTH	2177	EAST	SANDOVAL

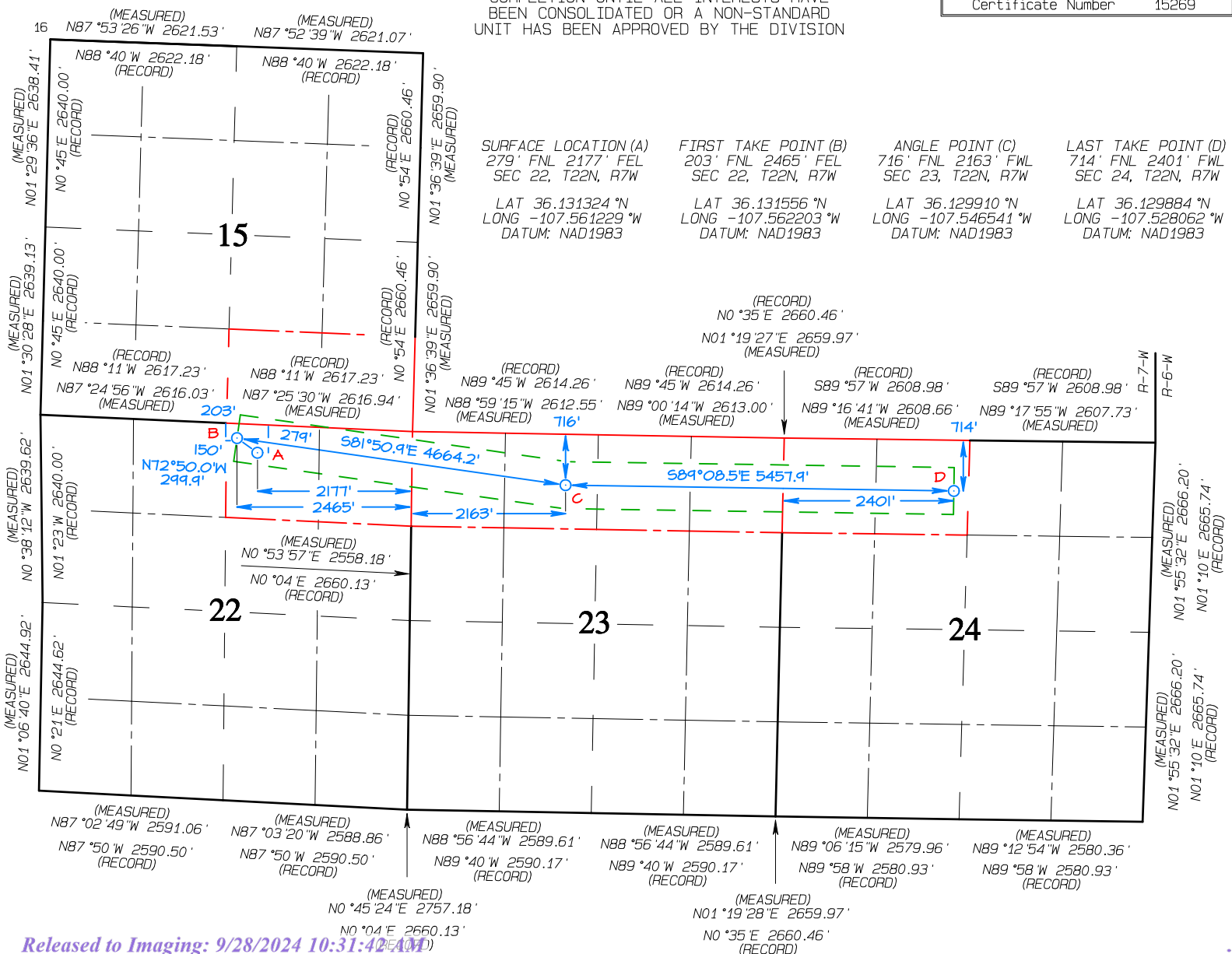
11 Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	22N	7W		714	NORTH	2401	WEST	SANDOVAL

12 Dedicated Acres	13 Joint or Infill				14 Consolidation Code	15 Order No.
400.00	S/2 SE/4 - Section 15 N/2 NE/4 - Section 22 N/2 N/2 - Section 23 N/2 NW/4 - Section 24					R-14347

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

17 OPERATOR CERTIFICATION  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  
 8/30/23  
Signature Date  
Heather Huntington  
Printed Name  
hhuntington@enduringresources.com  
E-mail Address

18 SURVEYOR CERTIFICATION  
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.  
Date Revised: JULY 26, 2023  
Survey Date: JANUARY 21, 2022  
Signature and Seal of Professional Surveyor  
  
JASON C. EDWARDS  
Certificate Number 15269





WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 52860		3 Pool Name RUSTY GALLUP OIL POOL	
4 Property Code 322151		5 Property Name S ESCAVADA UNIT		6 Well Number 346H	
7 OGRID No. 372286		8 Operator Name ENDURING RESOURCES, LLC		9 Elevation 6867'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	22N	7W		293	NORTH	2192	EAST	SANDOVAL

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	24	22N	7W		2284	NORTH	1101	EAST	SANDOVAL

12 Dedicated Acres  
520.00

NE/4 - Section 22  
S/2 N/2 - Section 24  
W/2 NW/4, SE/4 NW/4, S/2 NE/4 - Section 23

13 Joint or Infill

14 Consolidation Code

15 Order No.  
R-14347

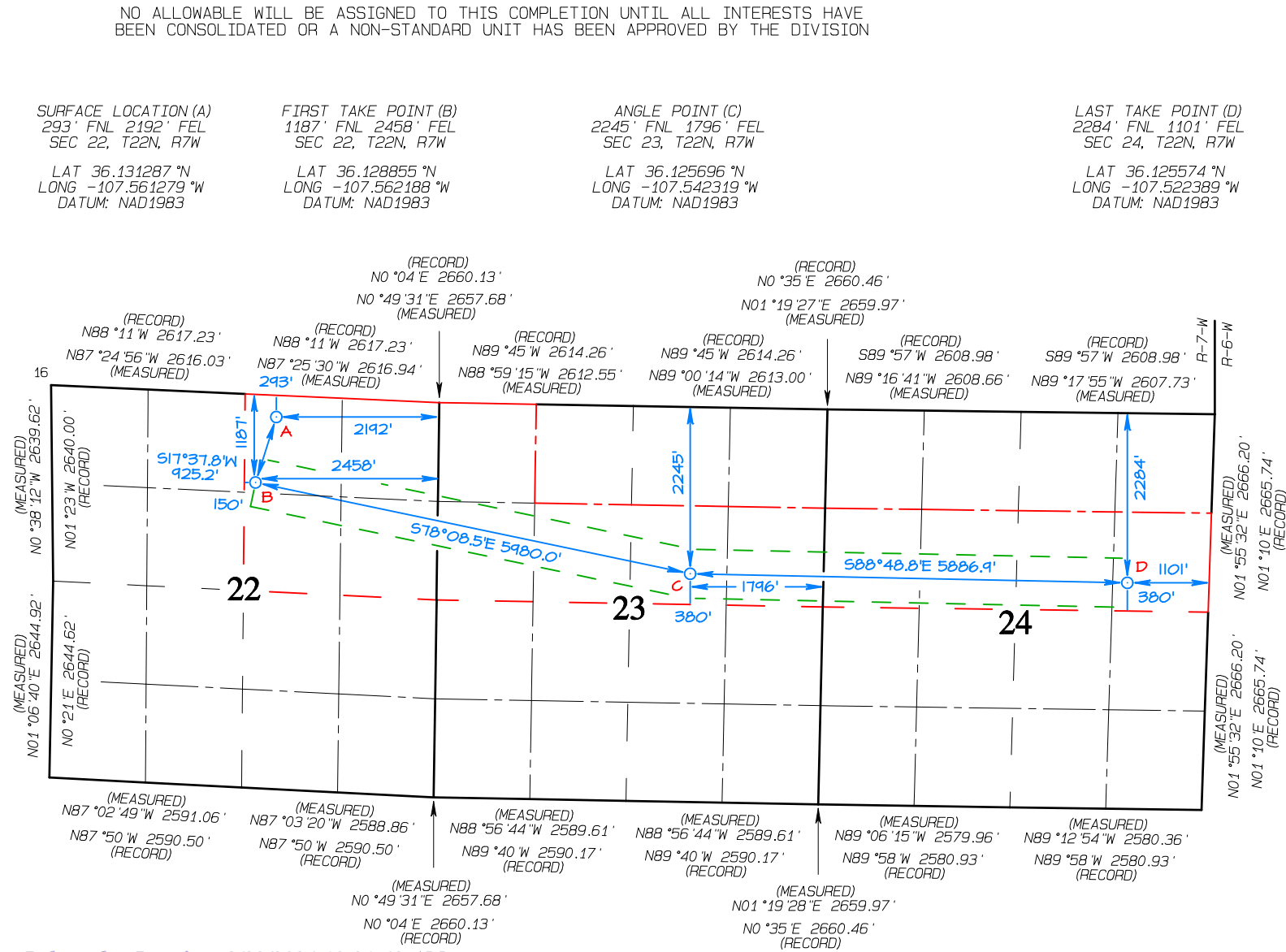
17 OPERATOR CERTIFICATION  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right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

Heather Huntington 7/9/24  
Signature Date  
Heather Huntington  
Printed Name  
hhuntington@enduringresources.com  
E-mail Address

18 SURVEYOR CERTIFICATION  
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.  
Date Revised: JULY 26, 2023  
Survey Date: JANUARY 21, 2022  
Signature and Seal of Professional Surveyor  

JASON C. EDWARDS  
NEW MEXICO  
15269  
REGISTERED PROFESSIONAL SURVEYOR

JASON C. EDWARDS  
Certificate Number 15269



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

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

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

**OIL CONSERVATION DIVISION**  
**1220 South St. Francis Drive**  
**Santa Fe, NM 87505**

Submit one copy to  
Appropriate District Office

☐ AMENDED REPORT

**17 OPERATOR CERTIFICATION**  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unless 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Heather Huntington **7/9/24**  
Signature Date

**Heather Huntington**

Printed Name

hhuntington@enduringresources.com  
E-mail Address

**18 SURVEYOR CERTIFICATION**

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.

Date Revised: JULY 26, 2023  
Survey Date: JANUARY 21, 2022

Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
Certificate Number 15269

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number	<sup>2</sup> Pool Code 52860	<sup>3</sup> Pool Name RUSTY GALLUP OIL POOL
<sup>4</sup> Property Code 322151	<sup>5</sup> Property Name S ESCAVADA UNIT	<sup>6</sup> Well Number 337H
<sup>7</sup> GRID No. 372286	<sup>8</sup> Operator Name ENDURING RESOURCES, LLC	<sup>9</sup> Elevation 6867'

**10 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	22N	7W		306	NORTH	2207	EAST	SANDOVAL

**11 Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	23	22N	7W		330	SOUTH	1626	EAST	SANDOVAL
<sup>12</sup> Dedicated Acres 360.00	S/2 NE/4, N/2 SE/4 - Section 22 SW/4, SW/4 SE/4 - Section 23					<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. R-14347	

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

**SURFACE LOCATION (A)**  
306' FNL 2207' FEL  
SEC 22, T22N, R7W

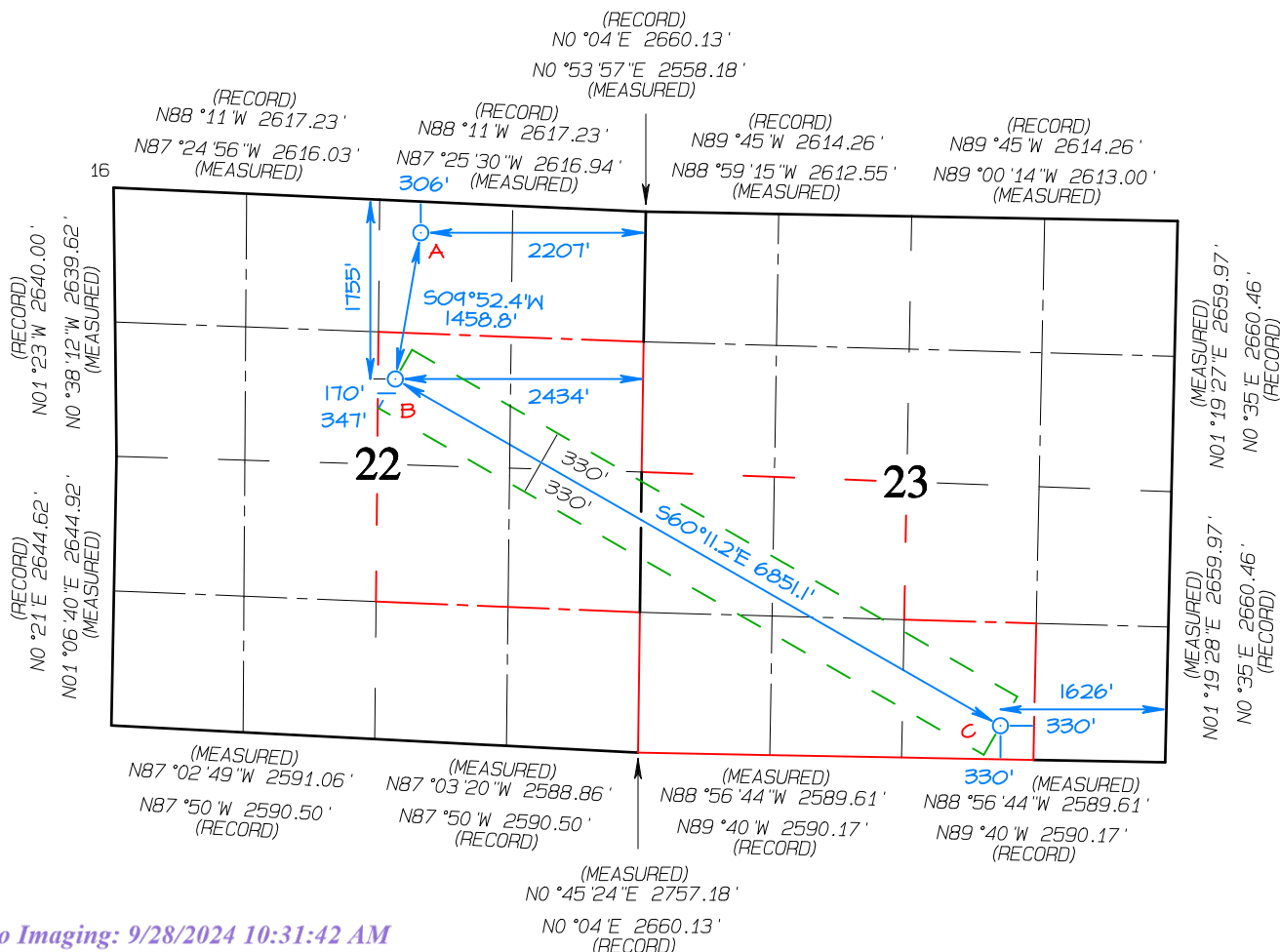
LAT 36.131251°N  
LONG -107.561330°W  
DATUM: NAD1983

**FIRST TAKE POINT (B)**  
1755' FNL 2434' FEL  
SEC 22, T22N, R7W

LAT 36.127294°N  
LONG -107.562111°W  
DATUM: NAD1983

**LAST TAKE POINT (C)**  
330' FSL 1626' FEL  
SEC 23, T22N, R7W

LAT 36.118158°N  
LONG -107.541834°W  
DATUM: NAD1983



1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462State of New Mexico  
Energy, Minerals & Natural Resources DepartmentForm **Page 8 of 15**  
Revised August 1, 2011Submit one copy to  
Appropriate District OfficeOIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code 52860	<sup>3</sup> Pool Name RUSTY GALLUP OIL POOL
<sup>4</sup> Property Code	<sup>5</sup> Property Name S ESCAVADA UNIT	<sup>6</sup> Well Number 343H
<sup>7</sup> GRID No. 372286	<sup>8</sup> Operator Name ENDURING RESOURCES, LLC	<sup>9</sup> Elevation 6917'

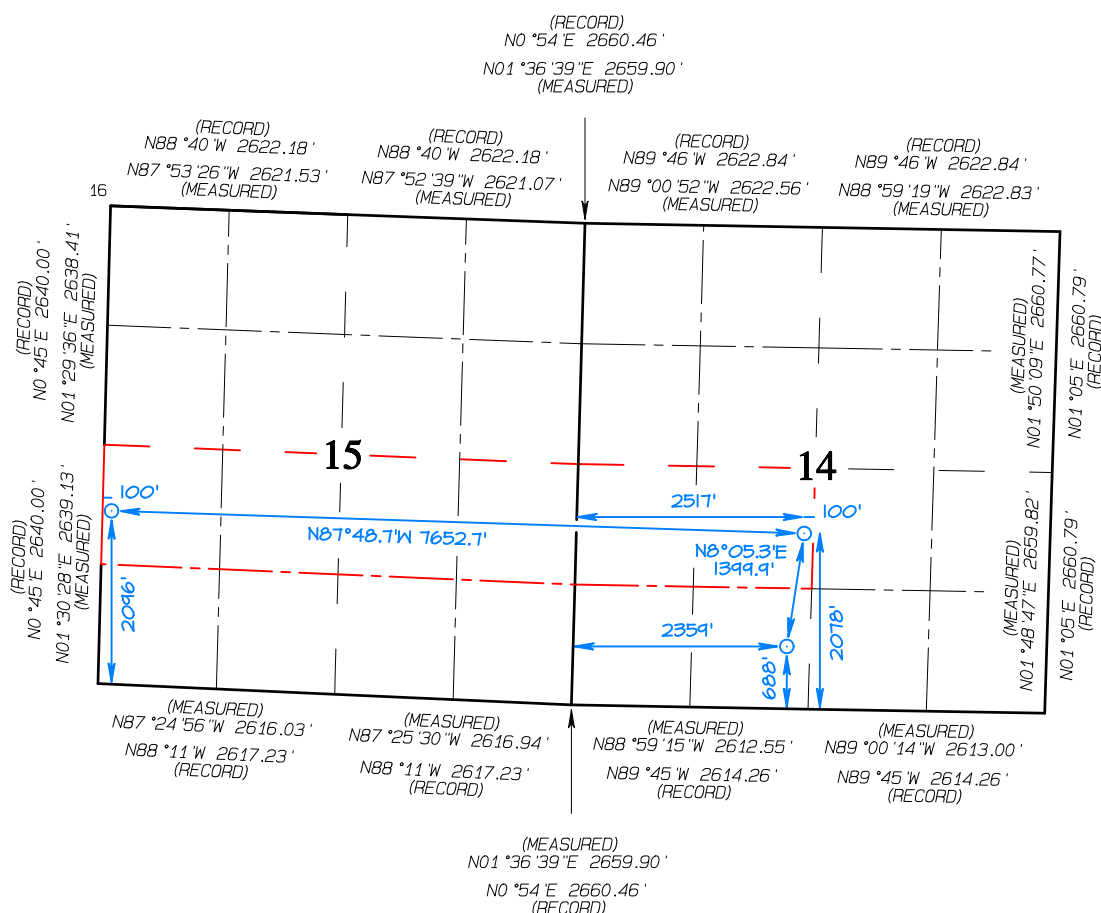
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	14	22N	7W		688	SOUTH	2359	WEST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	22N	7W		2096	SOUTH	100	WEST	SANDOVAL

<sup>12</sup> Dedicated Acres 240.00	N/2 SW/4 - Section 14 N/2 S/2 - Section 15	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. R-14347
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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<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Heather Huntington Date: 8/23/23  
 Printed Name: Heather Huntington  
 E-mail Address: hhuntington@enduringresources.com

<sup>18</sup> SURVEYOR CERTIFICATION

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.

Date Revised: JULY 27, 2023  
Date of Survey: AUGUST 25, 2021

Signature and Seal of Professional Surveyor



**JASON C. EDWARDS**  
 Certificate Number 15269

LAST TAKE POINT  
2096' FSL 100' FWL  
SEC 15, T22N, R7WSURFACE LOCATION  
688' FSL 2359' FWL  
SEC 14, T22N, R7WFIRST TAKE POINT  
2078' FSL 2517' FWL  
SEC 14, T22N, R7WLAT 36.138096°N  
LONG -107.571139°W  
DATUM: NAD1983LAT 36.133763°N  
LONG -107.545837°W  
DATUM: NAD1983LAT 36.137577°N  
LONG -107.545233°W  
DATUM: NAD1983



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

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State of New Mexico  
Energy, Minerals & Natural Resources Department

Form *Page 9 of 15*  
Revised August 1, 2011

Submit one copy to  
Appropriate District Office

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code 52860		<sup>3</sup> Pool Name RUSTY GALLUP OIL POOL			
<sup>4</sup> Property Code		<sup>5</sup> Property Name S ESCAVADA UNIT				<sup>6</sup> Well Number 344H	
<sup>7</sup> OGRID No. 372286		<sup>8</sup> Operator Name ENDURING RESOURCES, LLC				<sup>9</sup> Elevation 6917'	

<sup>10</sup> Surface Location

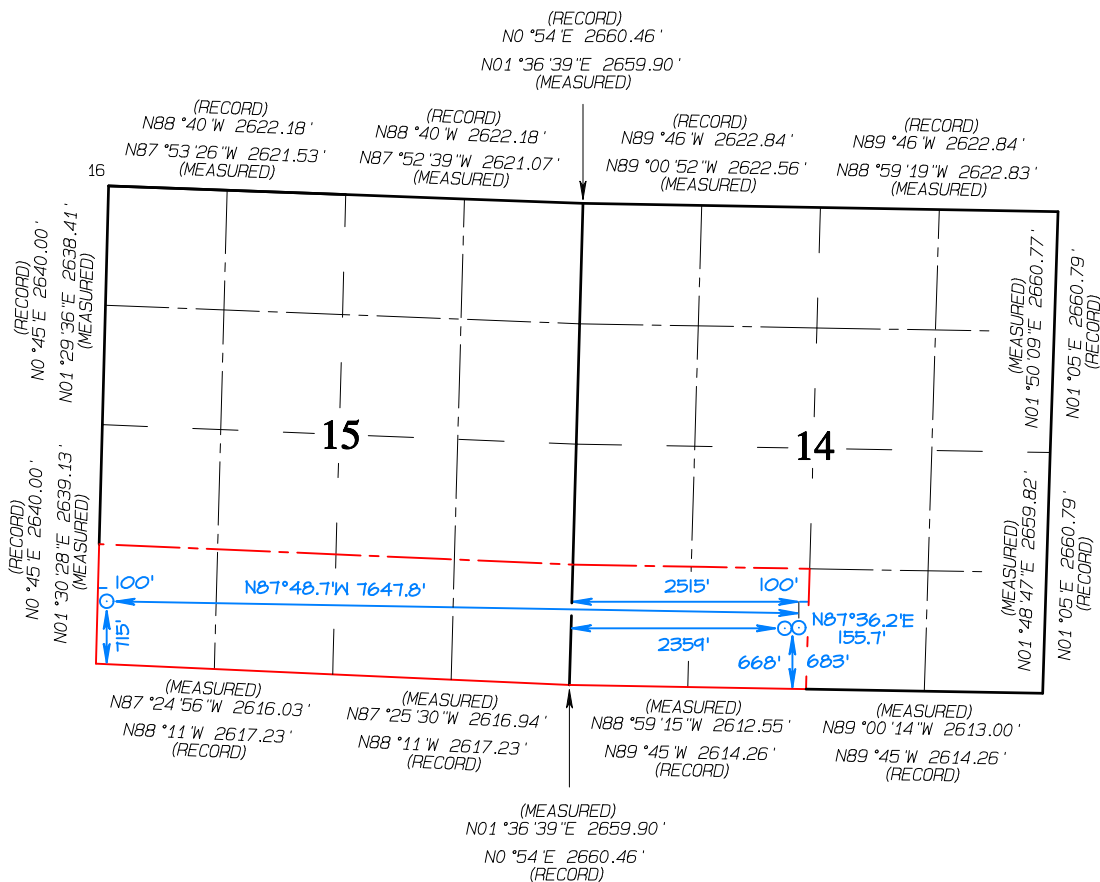
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	14	22N	7W		668	SOUTH	2359	WEST	SANDOVAL

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	22N	7W		715	SOUTH	100	WEST	SANDOVAL

<sup>12</sup> Dedicated Acres	S/2 SW/4 - Section 14	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
240.00	S/2 S/2 - Section 15			R-14347

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



LAST TAKE POINT  
715' FSL 100' FWL  
SEC 15, T22N, R7W

LAT 36.134251°N  
LONG -107.571200°W  
DATUM: NAD1983

SURFACE LOCATION  
668' FSL 2359' FWL  
SEC 14, T22N, R7W

LAT 36.133708 °N  
LONG -107.545838 °W  
DATUM: NAD1983

FIRST TAKE POINT  
683' FSL 2515' FWL  
SEC 14, T22N, R7W

LAT 36.133732 °N  
LONG -107.545312 °W  
DATUM: NAD1983

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature Heath H. Date 8/29/23

Heather Huntington

Printed Name  
hhuntington@enduringresources.com

E-mail Address

## 18 SURVEYOR CERTIFICATION

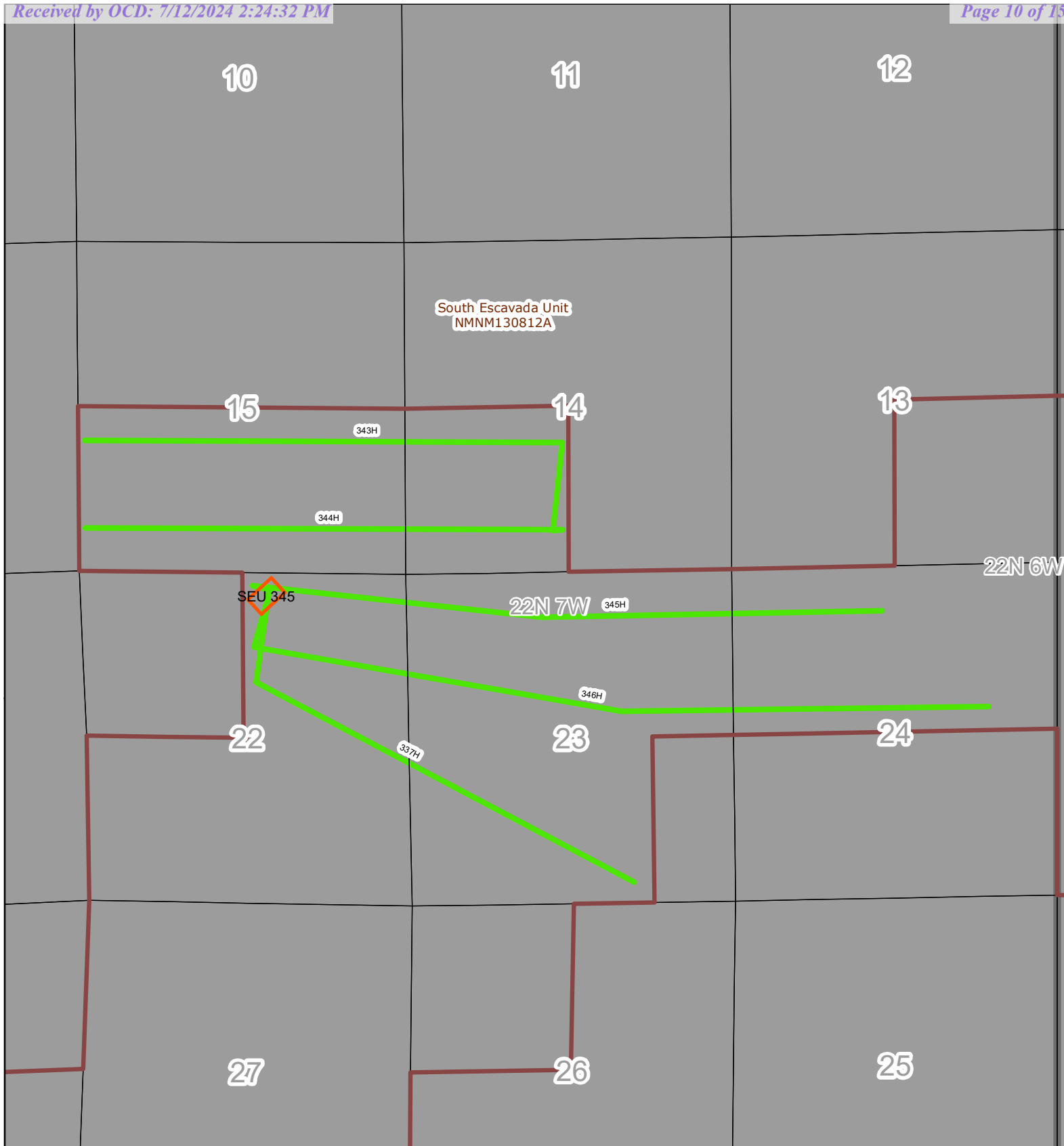
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JULY 28, 2023  
Date of Survey: AUGUST 25, 2021

Signature and Seal of Professional Surveyor



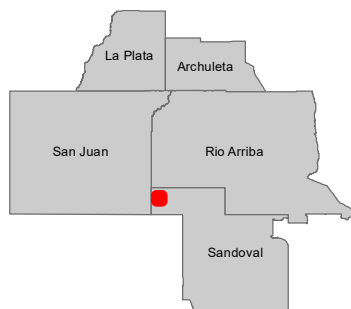
**JASON C. EDWARDS**  
Certificate Number 15269



## SEU 345H Lease Plat Map

- LATERALS
- Unit Boundary
- PADS
- Section
- Township

0 0.25 Miles



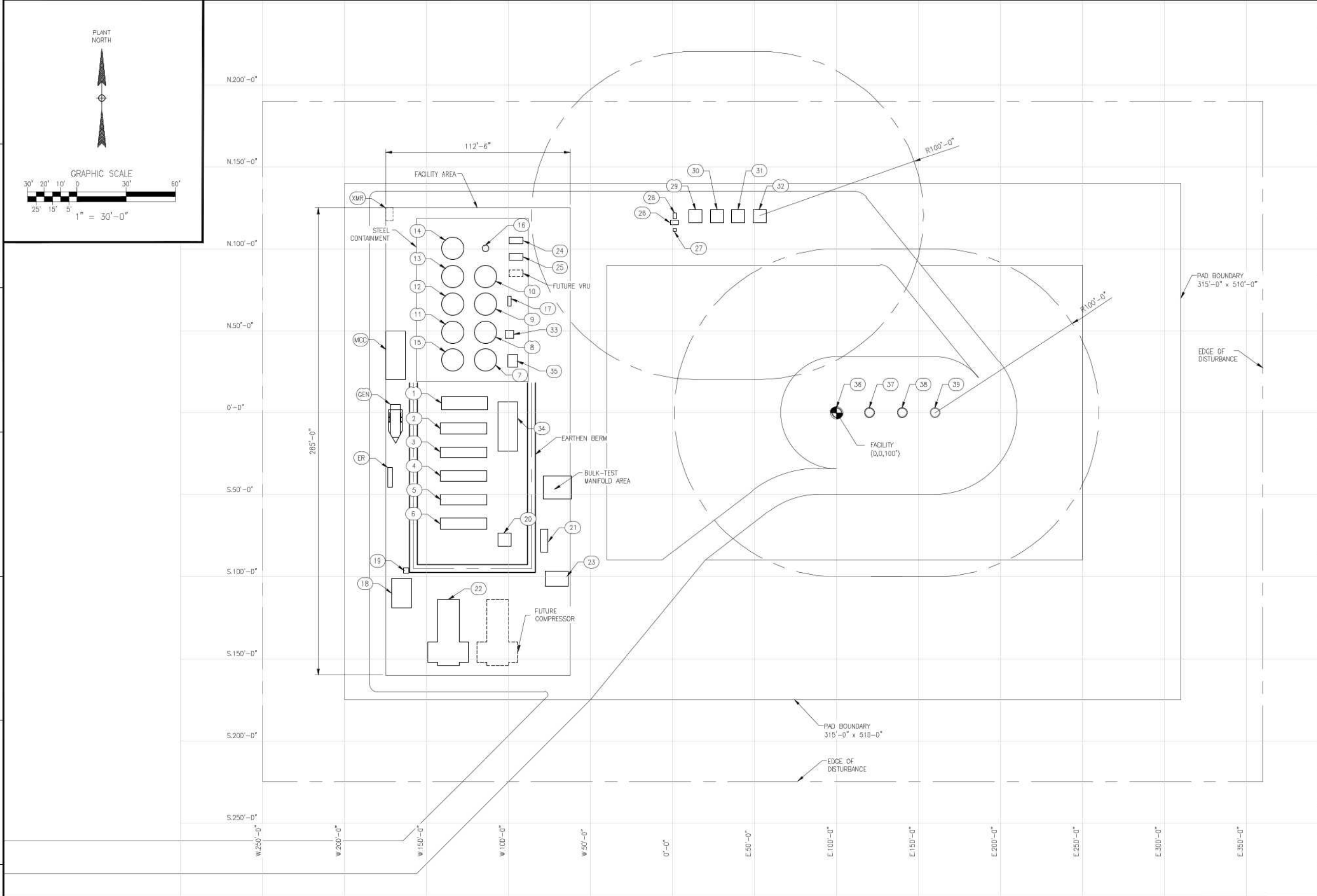
**ENDURING  
RESOURCES, LLC**

Data Source Statement:  
BLM-FFO, Enduring Resources GIS, ESRI Inc.,  
NCE Surveys, USGS

Author: drogers

Date: 7/9/2024

FILE PATH: P:\ENDURING RESOURCES\22081-01\S\_ESCAVADA\_345\_PIPING\_MODEL\3-0\_DESIGN\3-1\_01\DWG\22081-01-31000.DWG BY:LOGANSCHEFFER DATE:oct 17, 2022 554pm



EQUIPMENT DESCRIPTION	
1 HEATER TREATER V-301	21 SALES METER SKID
2 BULK SEPARATOR V-513	22 GAS LIFT COMPRESSOR C-5001
3 TEST SEPARATOR V-514	23 GAS LIFT METER SKID
4 TEMPORARY SEPARATOR #1 V-515	24 VAPOR RECOVERY UNIT C-5002
5 TEMPORARY SEPARATOR #2 V-516	25 VAPOR RECOVERY UNIT C-5003
6 TEMPORARY SEPARATOR #3 V-517	26 ECD LIQUID KNOCKOUT KO-111
7 OIL TANK TK-101	27 FG KNOCKOUT POT
8 OIL TANK TK-102	28 ECD KNOCKOUT PUMP P-112
9 OIL TANK TK-103	29 COMBUSTOR ECD-110
10 OIL TANK TK-104	30 COMBUSTOR ECD-120
11 WATER TANK TK-201	31 COMBUSTOR ECD-130
12 OIL/WATER TANK TK-202	32 COMBUSTOR ECD-140
13 OIL/WATER TANK TK-203	33 OIL PRIME PUMP P-5101
14 OIL/WATER TANK TK-204	34 LACT UNIT 6K
15 GUNBARREL TANK TK-301	35 WATER PUMP SKID
16 VAPOR RECOVERY TOWER V-5019-60	36 WELLHEAD WH-501 FUTURE WELL BORE
17 RECYCLE PUMP P-301	37 WELLHEAD WH-502 S. ESCAVADA UNIT #337H
18 INSTRUMENT AIR COMPRESSOR SYSTEM	38 WELLHEAD WH-503 S. ESCAVADA UNIT #346H
19 INSTRUMENT AIR RECEIVER V-501	39 WELLHEAD WH-504 S. ESCAVADA UNIT #345H
20 FUEL GAS SCRUBBER V-B100	
ELECTRICAL EQUIPMENT	
ER ELECTRICAL RACK	XMR TRANSFORMER (FUTURE)
MCC MCC BUILDING	GEN RENTAL GENERATOR

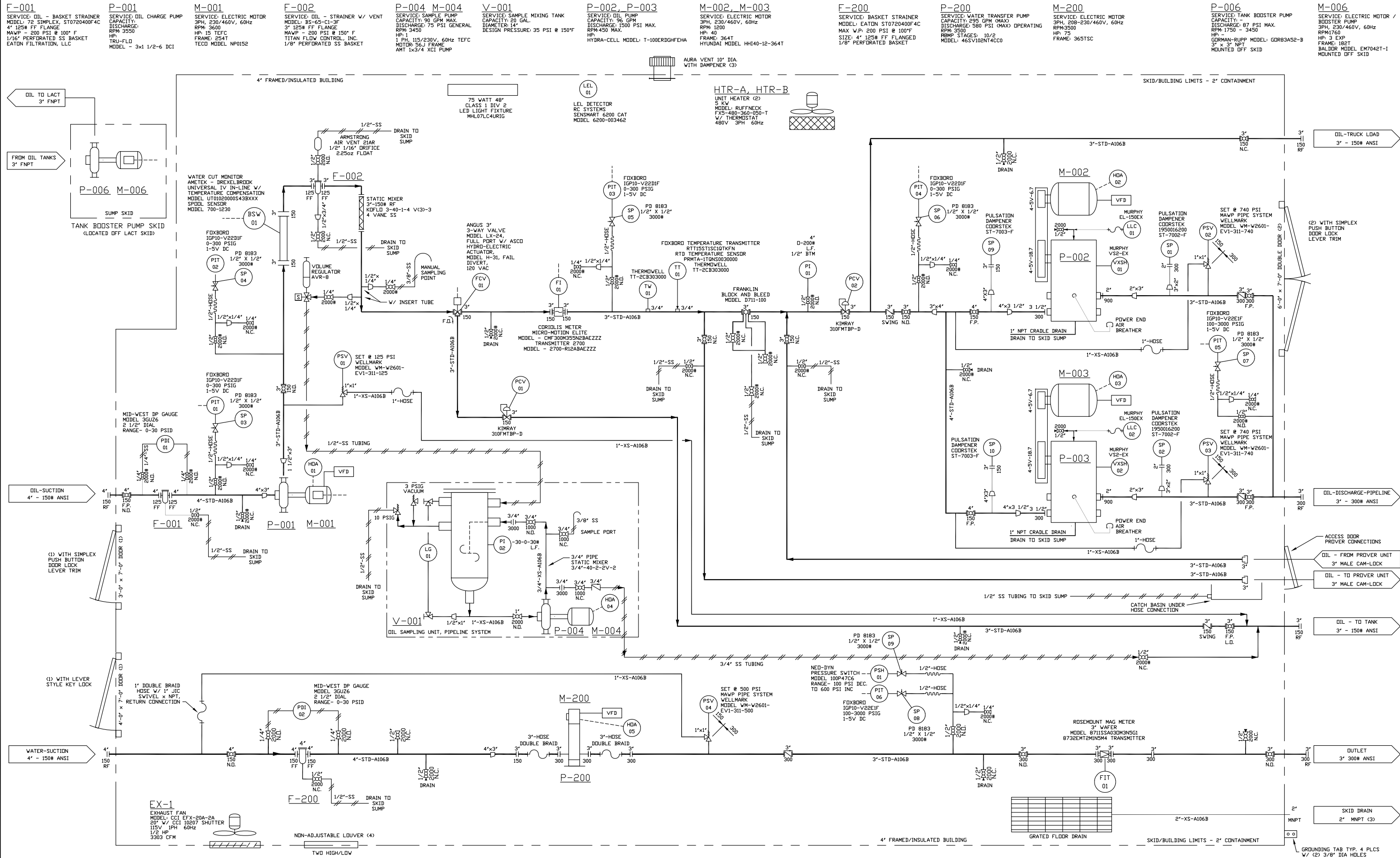
NOTES:		REFERENCE DRAWINGS		REVISIONS							
				▲							
				▲							
				▲							
				▲							
				▲							
				▲	ISSUED FOR INFORMATION	10/17/22	LMS	MVN	BBS	BBS	
				▲	ISSUED FOR CLIENT REVIEW	09/16/22	MvN	DTS	BBS	BBS	
		DWG NO.	TITLE	REV	DESCRIPTION	DATE	BY	CHK	ENG	APR	

**HALKER**  
ENGINEERED SOLUTIONS

ENDURING RESOURCES  
S. ESCAVADA UNIT 345H  
SITE LAYOUT

SCALE: (FORMATTED 22X34)  
1"=30'-0"

DRAWING NO.  
22081-01-31000



NOTES:  
1. DESIGN FLOW RATE OIL - 6000 BBL/DAY.  
2. OIL SYSTEM DESIGN PRESSURE 740 PSI @ 100' F. DISCHARGE (FLANGE RATING LIMITED)  
3. DESIGN FLOW RATE WATER - 6000 BBL/DAY.  
4. WATER SYSTEM DESIGN PRESSURE 500 PSI @ 100' F DISCHARGE (CUSTOMER SPEC).  
5. ALL PIPING SECTIONS TO BE HYDROTESTED.  
6. 10% OF A ALL PIPING WELDS TO BE X-RAY PER B31.3.

REV.	DESCRIPTION	BY	CHKD.

**HPI**  
GAS COMPRESSION

**PS**  
PUMPS & SERVICE

3440 Morning Star Drive, Farmington, NM 87401 (505) 327-0422

Drawing Name:	P & ID	6000 BPD
Project:	ENDURING 6000 LACT UNIT	
Scale:	NTS	
Drawing No.:	Q19-2-01	Rev. 0

**From:** [Mark Lokshin](#)  
**To:** [Heather Huntington](#)  
**Subject:** FW: [EXTERNAL] FW: Permission needed from Marathon for LACT unit on S Escavada Unit 345H Pad  
**Date:** Wednesday, July 10, 2024 11:39:05 AM

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Please see below.

---

**From:** Spitz, John O. <[JOSpitz@Marathonpetroleum.com](mailto:JOSpitz@Marathonpetroleum.com)>  
**Sent:** Wednesday, July 10, 2024 11:29 AM  
**To:** Mark Lokshin <[MLokshin@enduringresources.com](mailto:MLokshin@enduringresources.com)>  
**Cc:** Milton, Brandon H. <[BHMilton@Marathonpetroleum.com](mailto:BHMilton@Marathonpetroleum.com)>  
**Subject:** RE: [EXTERNAL] FW: Permission needed from Marathon for LACT unit on S Escavada Unit 345H Pad

Nope, its approved! I thought I sent that last night from my phone but I'm not seeing it in my sent items.

---

**From:** Mark Lokshin <[MLokshin@enduringresources.com](mailto:MLokshin@enduringresources.com)>  
**Sent:** Wednesday, July 10, 2024 12:26 PM  
**To:** Spitz, John O. <[JOSpitz@Marathonpetroleum.com](mailto:JOSpitz@Marathonpetroleum.com)>  
**Cc:** Milton, Brandon H. <[BHMilton@Marathonpetroleum.com](mailto:BHMilton@Marathonpetroleum.com)>  
**Subject:** RE: [EXTERNAL] FW: Permission needed from Marathon for LACT unit on S Escavada Unit 345H Pad

John

Do you guys need anything further from us in order to approve.  
Mark

---

**From:** Spitz, John O. <[JOSpitz@Marathonpetroleum.com](mailto:JOSpitz@Marathonpetroleum.com)>  
**Sent:** Tuesday, July 9, 2024 10:45 AM  
**To:** Mark Lokshin <[MLokshin@enduringresources.com](mailto:MLokshin@enduringresources.com)>  
**Cc:** Milton, Brandon H. <[BHMilton@Marathonpetroleum.com](mailto:BHMilton@Marathonpetroleum.com)>  
**Subject:** RE: [EXTERNAL] FW: Permission needed from Marathon for LACT unit on S Escavada Unit 345H Pad

Mark – I don't see a description of the LACT you plan to use noted below. Looping in Brandon Milton, the manager of our Permian measurement for any follow up questions.

---

**From:** Mark Lokshin <[MLokshin@enduringresources.com](mailto:MLokshin@enduringresources.com)>  
**Sent:** Tuesday, July 9, 2024 9:37 AM  
**To:** Szymanski, David R. <[drszymski@marathonpetroleum.com](mailto:drszymski@marathonpetroleum.com)>; Spitz, John O. <[JOSpitz@Marathonpetroleum.com](mailto:JOSpitz@Marathonpetroleum.com)>  
**Subject:** [EXTERNAL] FW: Permission needed from Marathon for LACT unit on S Escavada Unit 345H Pad



Good Morning

Per the below, please review and approve. If you are not the correct person, please advise who I need to send this too.

Thank you

Mark

---

**From:** Heather Huntington <[HHuntington@enduringresources.com](mailto:HHuntington@enduringresources.com)>

**Sent:** Tuesday, July 9, 2024 8:35 AM

**To:** Mark Lokshin <[MLokshin@enduringresources.com](mailto:MLokshin@enduringresources.com)>

**Subject:** Permission needed from Marathon for LACT unit on S Escavada Unit 345H Pad

Good Morning Mark,

Will you please reach out to Marathon for approval for the LACT unit we plan on using on the S Escavada Unit 345H Pad, see description below?

As part of Enduring Resources S Escavada Unit 345H Pipeline Transfer LACT C-106 LACT application to the NMOCD, Enduring needs an approval from the transporter which in this case is Marathon. Custody transfer will be at this LACT Unit and will be the official measurement point for sales with a Coriolis check meter downstream at tie-in for verification and pipeline monitoring. Pipeline Transfer LACT equipment for the below listed wells will be located on Enduring's S Escavada Unit 345H pad. LACT will be proved per regulatory requirements.

WELLS TO BE SERVED BY PIPELINE LACT UNIT:

- S ESCAVADA UNIT 345H / API # 30-043-21513/ UNIT B Sec. 22, T22N, R7W, NMPPM
- S ESCAVADA UNIT 346H / API # 30-043-21514/ UNIT B Sec. 22, T22N, R7W, NMPPM
- S ESCAVADA UNIT 337H / API # 30-043-21512/ UNIT B Sec. 22, T22N, R7W, NMPPM
- S ESCAVADA UNIT 343H / API # 30-043-21515/ UNIT B Sec.14, T22N, R7W, NMPPM
- S ESCAVADA UNIT 344H / API # 30-043-21516/ UNIT B Sec.14, T22N, R7W, NMPPM

Heather Huntington

Enduring Resources Permitting Technician

505-636-9751

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

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

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

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

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

CONDITIONS

Action 363664

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 363664
	Action Type: [C-106] NOI Utilize ACTE (C-106)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Operation of the equipment shall be performed in accordance with 19.15.18.15 NMAC.	9/28/2024