

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

C106-909

ACT Permit No.

NOTICE OF INTENTION TO UTILIZE AUTOMATIC CUSTODY TRANSFER EQUIPMENT

Operator Enduring Resources IV, LLC

Address 200 Energy Court Farmington, NM 87401 County San Juan

Lease(s) to be served by this ACT Unit: NMNM133321A

Pool(s) to be served by this ACT Unit LYBROOK GALLUP (42289)

Location of ACT System: Unit A Section 2 Township 22N Range 7W

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

R-13883 & R-13883A Date 8/15/14 & 11/18/14

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

N/A Date

Authorized transporter of oil from this system Marathon Petroleum (FKA Western Refining Company)

Transporter's address 6500 Trowbridge Drive El Paso, TX 79905

Maximum expected daily through-put for this system: 4.800 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 150 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 Huntington

Printed Name & Title Heather Huntington

E-mail Address hhuntington@enduringresources.com

Date 7/25/22 Telephone (505) 636-9751

OIL CONSERVATION DIVISION

Approved by: Dean R McClure

Title: Petroleum Engineer

Date: 08/04/2022

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 CHACO UNIT 339H/340H/342H/346H/344H/345H/908H PIPELINE LACT UNIT**

WELLS TO BE SERVED BY PIPELINE LACT UNIT:

- S CHACO UNIT 339H / API #30-043-21244 / UNIT P Sec. 35, T23N, R7W, NMPM
- S CHACO UNIT 340H / API #30-043-21247 / UNIT P Sec. 35, T23N, R7W, NMPM
- S CHACO UNIT 342H / API #30-043-21243 / UNIT A Sec. 2, T22N, R7W, NMPM
- S CHACO UNIT 346H / API #30-043-21241 / UNIT A Sec. 2, T22N, R7W, NMPM
- S CHACO UNIT 344H / API #30-043-21280 / UNIT P Sec. 2, T22N, R7W, NMPM
- S CHACO UNIT 345H / API #30-043-21279 / UNIT P Sec. 2, T22N, R7W, NMPM
- S CHACO UNIT 908H / API #30-043-21281 / UNIT P Sec. 2, 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.

District I
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811 S. First Street, Artesia, NM 88210
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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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
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

AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-043-21244	*Pool Code 42289	*Pool Name LYBROOK GALLUP
*Property Code 321254	*Property Name S CHACO UNIT	*Well Number 339H
*GRID No. 372286	*Operator Name ENDURING RESOURCES, LLC	*Elevation 7084'

¹⁰ Surface Location

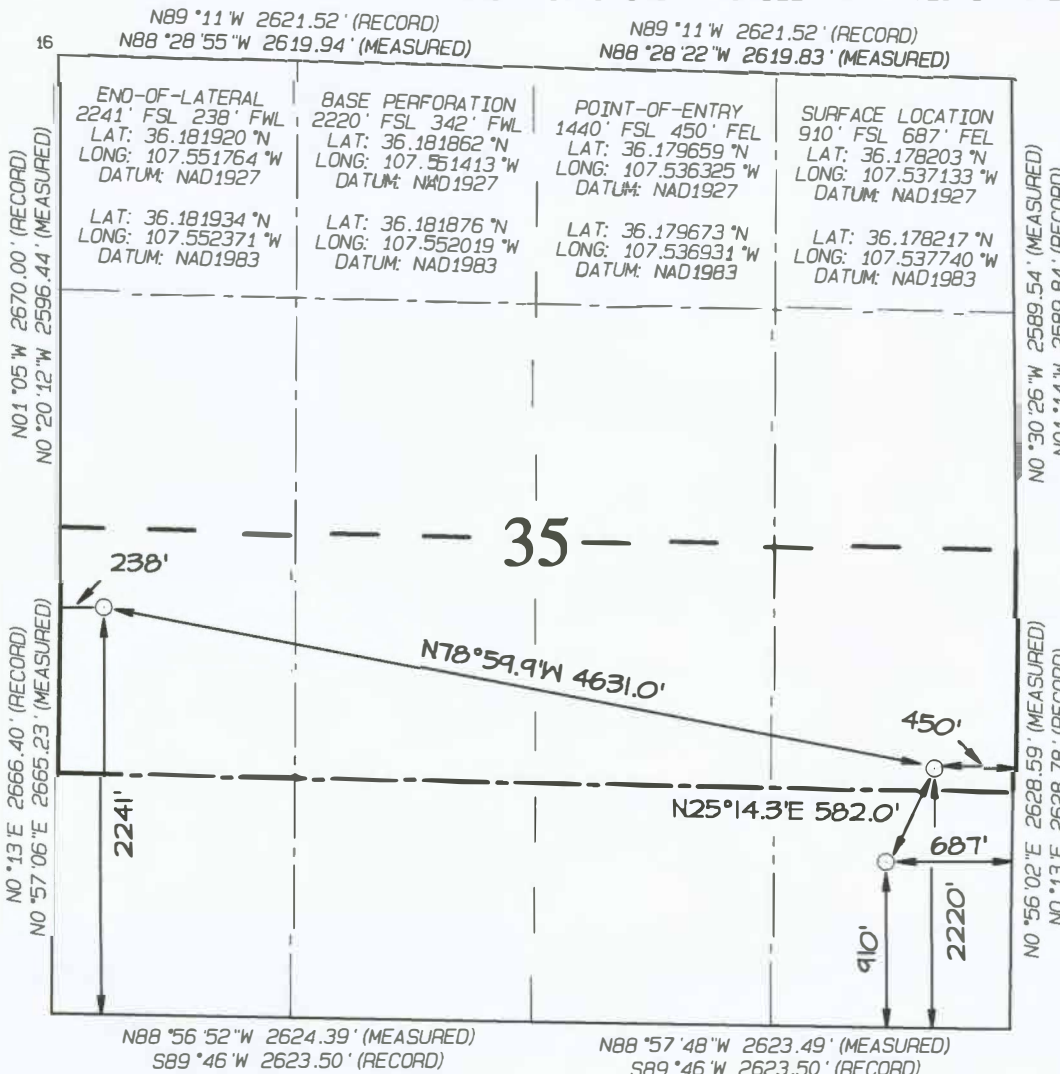
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	35	23N	7W		910	SOUTH	687	EAST	SANDOVAL

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
L	35	23N	7W		2241	SOUTH	238	WEST	SANDOVAL

¹² Dedicated Acres 160.0 Acres N/2 S/2 Section 35	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13883-A
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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



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: Heather Huntington Date: 7/20/22

Printed Name: Heather Huntington

E-mail Address: hhuntington@enduringresources.com

E-mail Address:

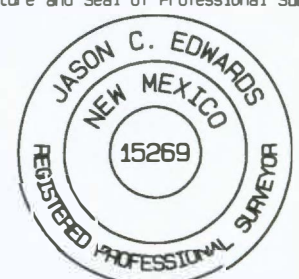
¹⁸ SURVEYOR CERTIFICATION

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: APRIL 27, 2015

Date of Survey: MAY 30, 2014

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269

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

District II
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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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
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

AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-043-21247	² Pool Code 42289	³ Pool Name LYBROOK GALLUP
⁴ Property Code 321254	⁵ Property Name S CHACO UNIT	⁶ Well Number 340H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 7084'

¹⁰ Surface Location

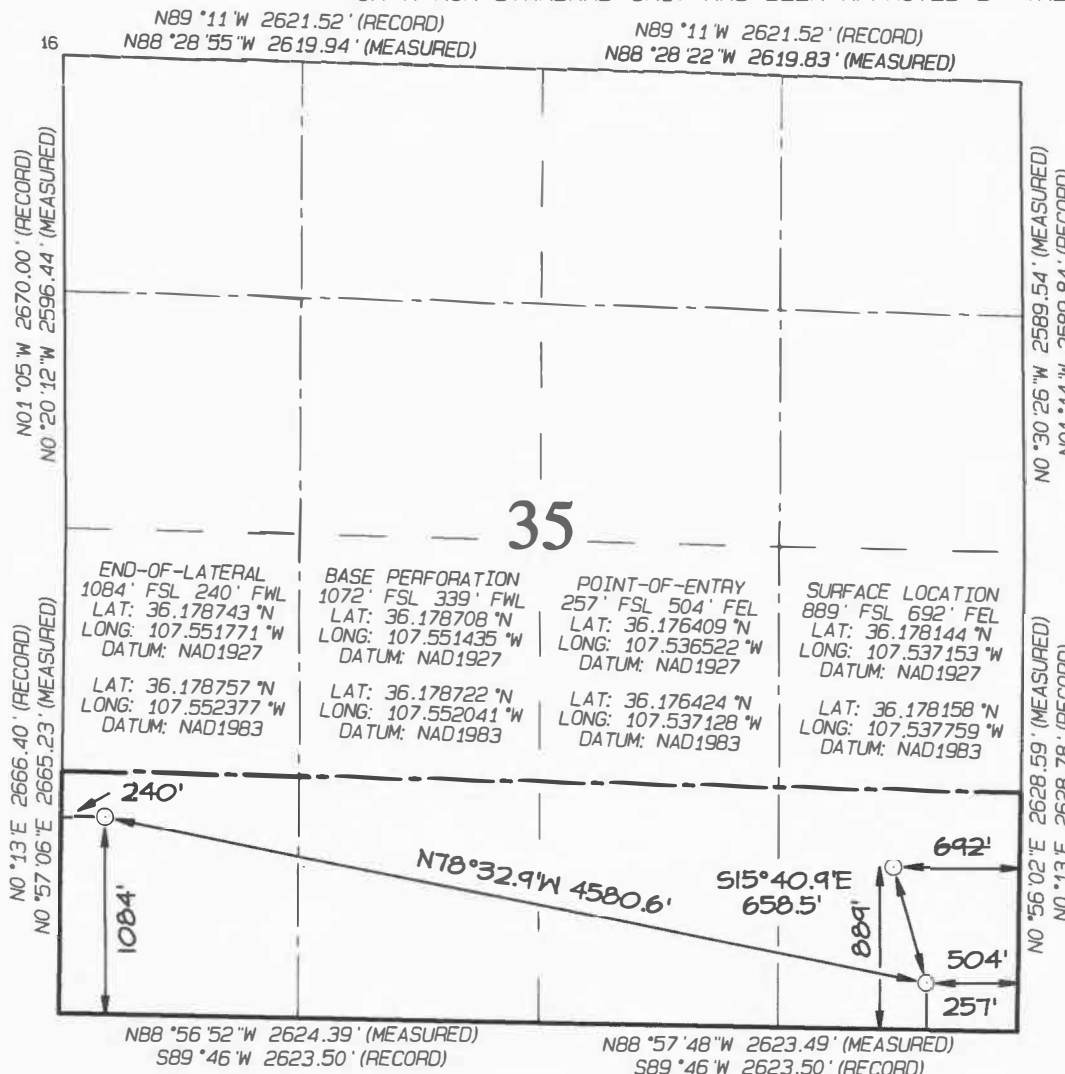
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	35	23N	7W		889	SOUTH	692	EAST	SANDOVAL

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
M	35	23N	7W		1084	SOUTH	240	WEST	SANDOVAL

¹² Dedicated Acres 160.0 Acres S/2 S/2 Section 35	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No R-13883-A
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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



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 7/20/22
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: MAY 27, 2015
Date of Survey: JUNE 25, 2014

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269

Submit one copy to
Appropriate District Office

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

OIL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

☒ AMENDED REPORT

As Drilled Plat

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-043-21243		² Pool Code 42289	³ Pool Name LYBROOK GALLUP
⁴ Property Code 321254	⁵ Property Name S CHACO UNIT		⁶ Well Number 342H
⁷ OGRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC		⁹ Elevation 7034 '

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
A	2	22N	7W	1	1327	NORTH	200	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	1	22N	7W		2322	NORTH	341	EAST	SANDOVAL

¹² Dedicated Acres 160.00	S/2 N/2 Section 1	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13883-A
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SURFACE LOCATION
1327' FNL 200' FEL
SEC 2, T22N, R7W
LAT: 36.172052 °N
LONG: 107.535526 °W
DATUM: NAD1927

LAT: 36.172067 °N
LONG: 107.536132 °W
DATUM: NAD1983

POINT-OF-ENTRY
1608' FNL 375' FWL
SEC 1, T22N, R7W
LAT: 36.171283 °N
LONG: 107.533585 °W
DATUM: NAD1927

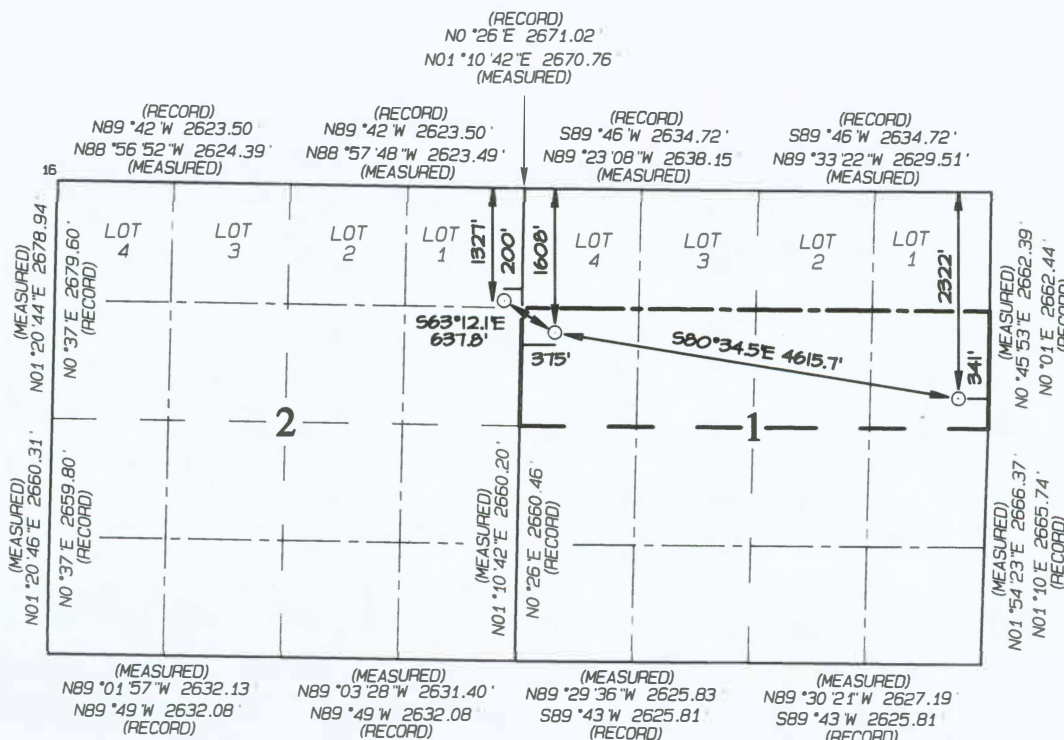
LAT: 36.171298 °N
LONG: 107.534191 °W
DATUM: NAD1983

RSI TOOL
2319' FNL 356 FEL
SEC 1, T22N, R7W
LAT: 36.169379°N
LONG: 107.518178°W
DATUM: NAD1927

LAT: 36.169394 °N
LONG: 107.518784 °W
DATUM: NAD1983

END-OF-LATERAL
2322' FNL 341' FEL
SEC 1, T22N, R7W
LAT: 36.169372°N
LONG: 107.518128°W
DATUM: NAD1927

LAT: 36.169386 °N
LONG: 107.518734 °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: 7/20/22

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: AUGUST 12, 2015
Survey Date: AUGUST 15, 2014

Signature and Seal of 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

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OTL CONSERVATION DIVISION

1220 South St. Francis Drive
Santa Fe, NM 87505

Submit one copy to
Appropriate District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number	'Pool Code	'Pool Name
30-043-21241	42289	LYBROOK GALLUP
'Property Code	'Property Name	'Well Number
321254	S CHACO UNIT	346H
'OGRID No.	'Operator Name	'Elevation
372286	ENDURING RESOURCES, LLC	7034'

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
A	2	22N	7W	1	1305	NORTH	200	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
A	1	22N	7W	1	1111	NORTH	333	EAST	SANDOVAL

¹² Dedicated Acres 160.64	N/2 N/2 Section 1	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13883-A
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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

SURFACE LOCATION
1305' FNL 200' FEL
SEC 2, T22N, R7W
LAT: 36.172113°N
LONG: 107.535526°W
DATUM: NAD1927

LAT: 36.172127°N
LONG: 107.536132°W
DATUM: NAD1983

POINT-OF-ENTRY
378' FNL 341' FWL
SEC 1, T22N, R7W
LAT: 36.174662 °N
LONG: 107.533670 °W
DATUM: NAD1927

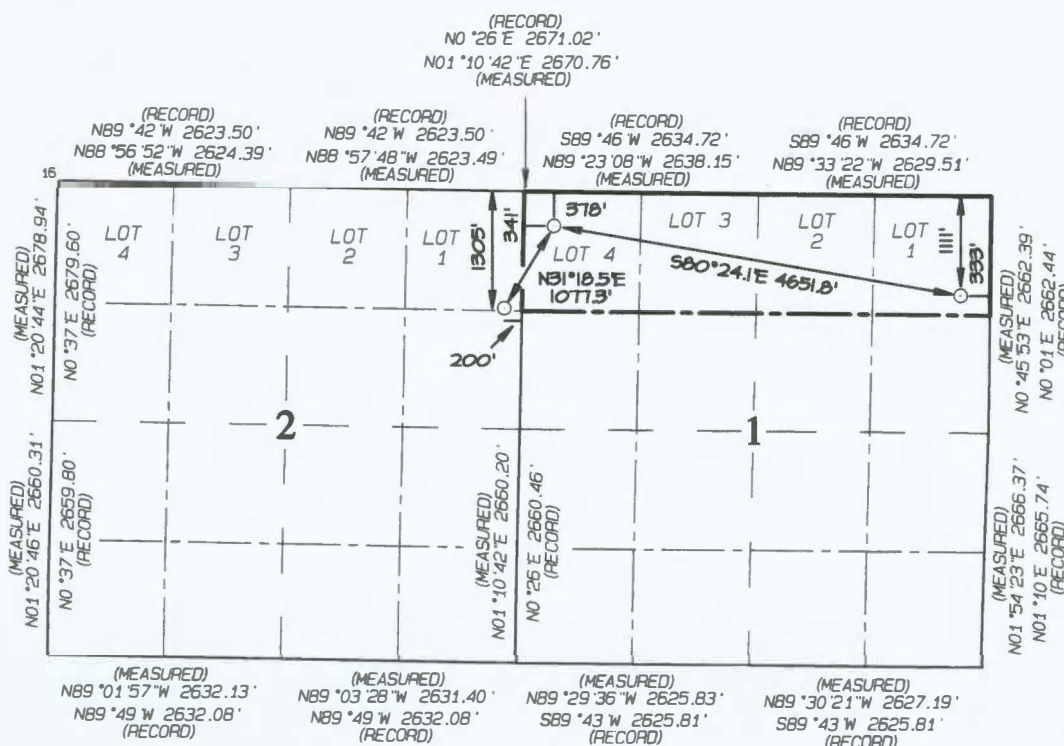
LAT: 36.174677°N
LONG: 107.534191°W
DATUM: NAD1983

RSI TOOL
1109' FNL 348' FEL
SEC 1, T22N, R7W
LAT: 36.172704°N
LONG: 107.518153°W
DATUM: NAD1927

LAT: 36.172718 °N
LONG: 107.518758 °W
DATUM: NAD1983

END-OF-LATERAL
1111' FNL 333' FEL
SEC 1, T22N, R7W
LAT: 36.172698°N
LONG: 107.518099°W
DATUM: NAD1927

LAT: 36.172712°N
LONG: 107.518705°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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature Huan Hu Date 7/20/22

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: AUGUST 7, 2015
Survey Date: AUGUST 15, 2014

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269

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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

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
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

¹ API Number 30-043-21280	² Pool Code 42289	³ Pool Name LYBROOK GALLUP
⁴ Property Code 321254	⁵ Property Name S CHACO UNIT	⁶ Well Number 344H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 7003'

¹⁰ Surface Location

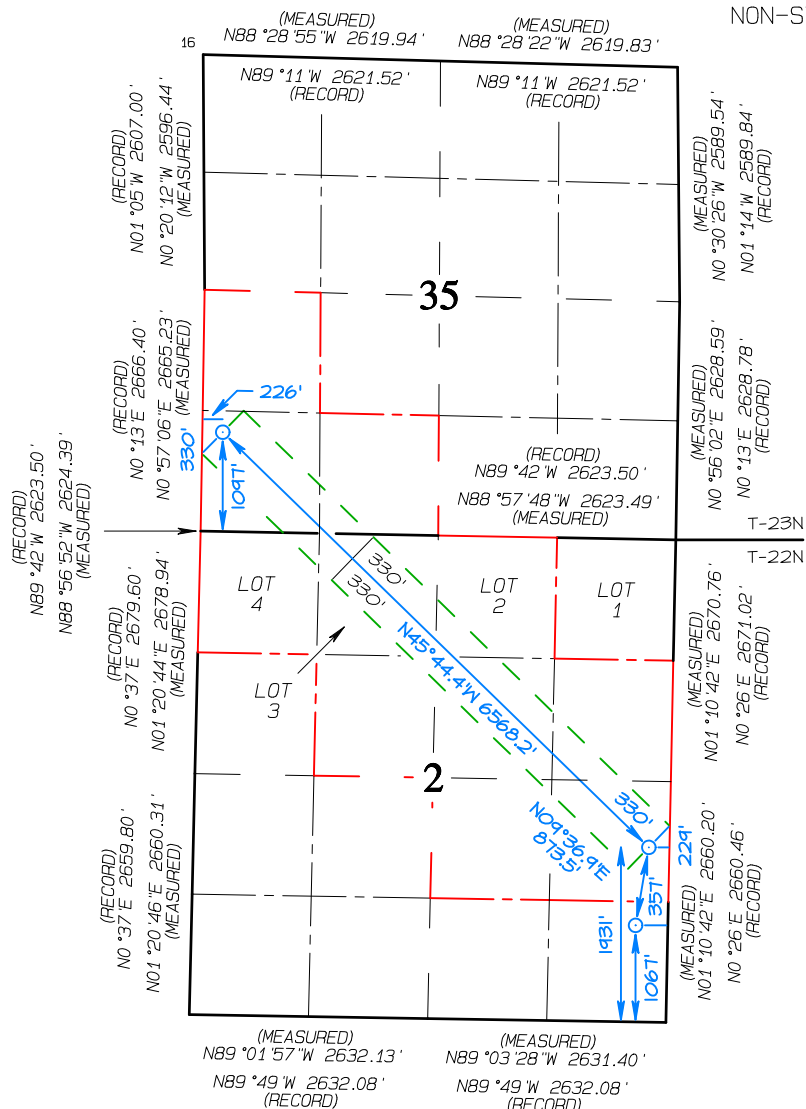
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	22N	7W		1067	SOUTH	357	EAST	SANDOVAL

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
M	35	23N	7W		1097	SOUTH	226	WEST	SANDOVAL

¹² Dedicated Acres 441.45 N/2 NW/4, SE/4 NW/4, W/2 NE/4 SE/4 NE/4, N/2 SE/4 - Section 2 NW/4 SW/4, S/2 SW/4- Section 35	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13883-A
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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



LAST TAKE POINT
1097' FSL 226' FWL
SEC 35, T23N, R7W
LAT: 36.178778 °N
LONG: 107.551816 °W
DATUM: NAD1927

LAT: 36.178792 °N
LONG: 107.552423 °W
DATUM: NAD1983

FIRST TAKE POINT
1931' FSL 229' FEL
SEC 2, T22N, R7W
LAT: 36.166360 °N
LONG: 107.535675 °W
DATUM: NAD1927

LAT: 36.166375 °N
LONG: 107.536281 °W
DATUM: NAD1983

SURFACE LOCATION
1067' FSL 357' FEL
SEC 2, T22N, R7W
LAT: 36.163989 °N
LONG: 107.536131 °W
DATUM: NAD1927

LAT: 36.164004 °N
LONG: 107.536737 °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: Heather Huntington Date: 7/20/22

Printed Name: Heather Huntington

E-mail Address: hhuntington@enduringresources.com

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: APRIL 8, 2022
Date of Survey: JUNE 12, 2015

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269

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

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-043-21279	² Pool Code 42289	³ Pool Name LYBROOK GALLUP
⁴ Property Code 321254	⁵ Property Name S CHACO UNIT	⁶ Well Number 345H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 7003'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	22N	7W		1027	SOUTH	356	EAST	SANDOVAL

¹¹Bottom Hole Location If Different From Surface

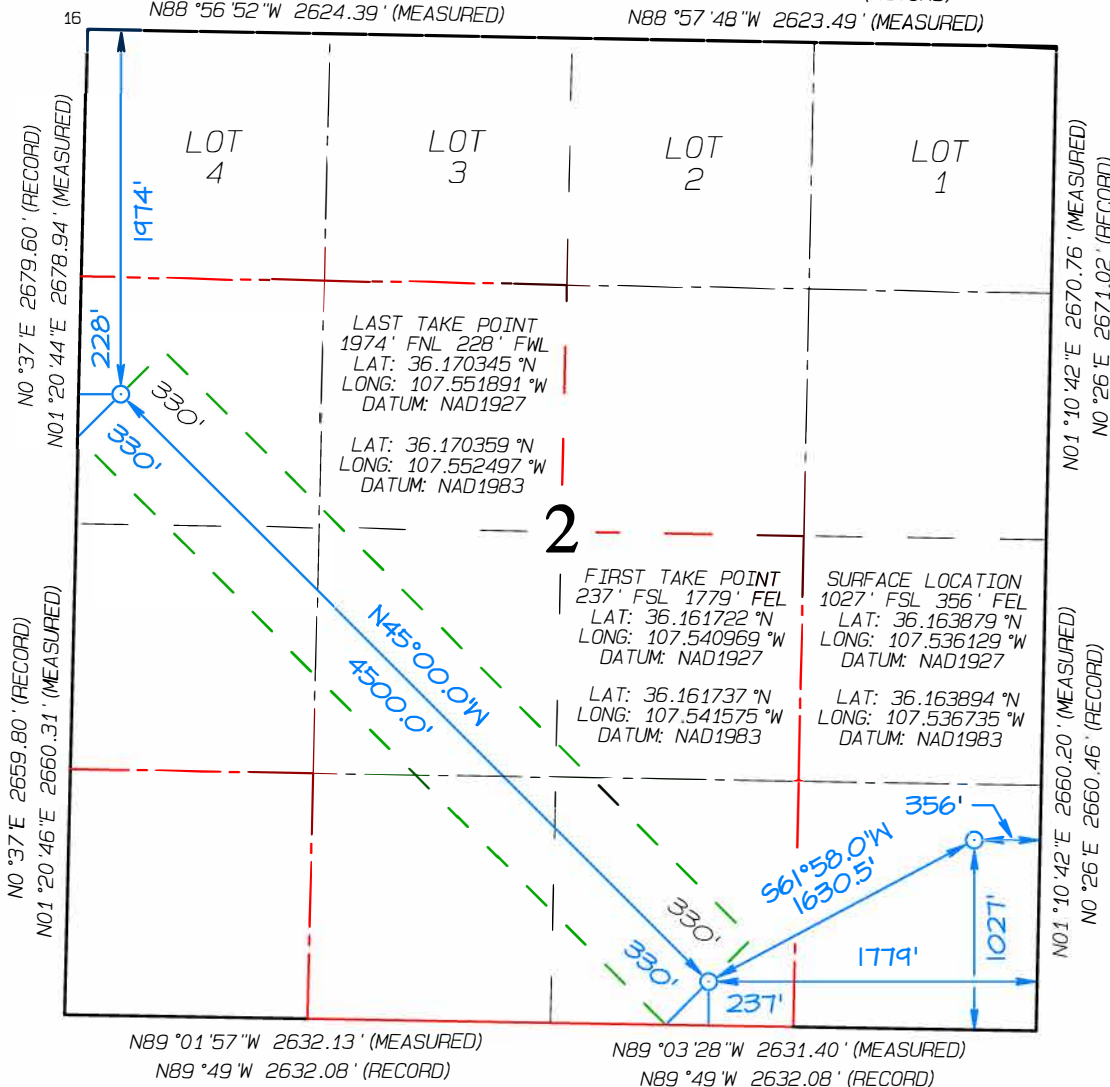
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	2	22N	7W		1974	NORTH	228	WEST	SANDOVAL

¹² Dedicated Acres 280.00	S/2 NW/4, N/2 SW/4 SE/4 SW/4, W/2 SE/4 Section 2, T22N R7W	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13883-A
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N89°42'W 2623.50' (RECORD)
N88°56'52"W 2624.39' (MEASURED)

N89°42'W 2623.50' (RECORD)
N88°57'48"W 2623.49' (MEASURED)



¹⁷ OPERATOR CERTIFICATION

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Heather Huntington 7/20/22
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: APRIL 8, 2022
Date of Survey: JUNE 12, 2015
Signature and Seal of Professional Surveyor



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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-043-21281	² Pool Code 42289	³ Pool Name LYBROOK GALLUP
⁴ Property Code 321254	⁵ Property Name S CHACO UNIT	⁶ Well Number 908H
⁷ GRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 7003'

¹⁰Surface Location

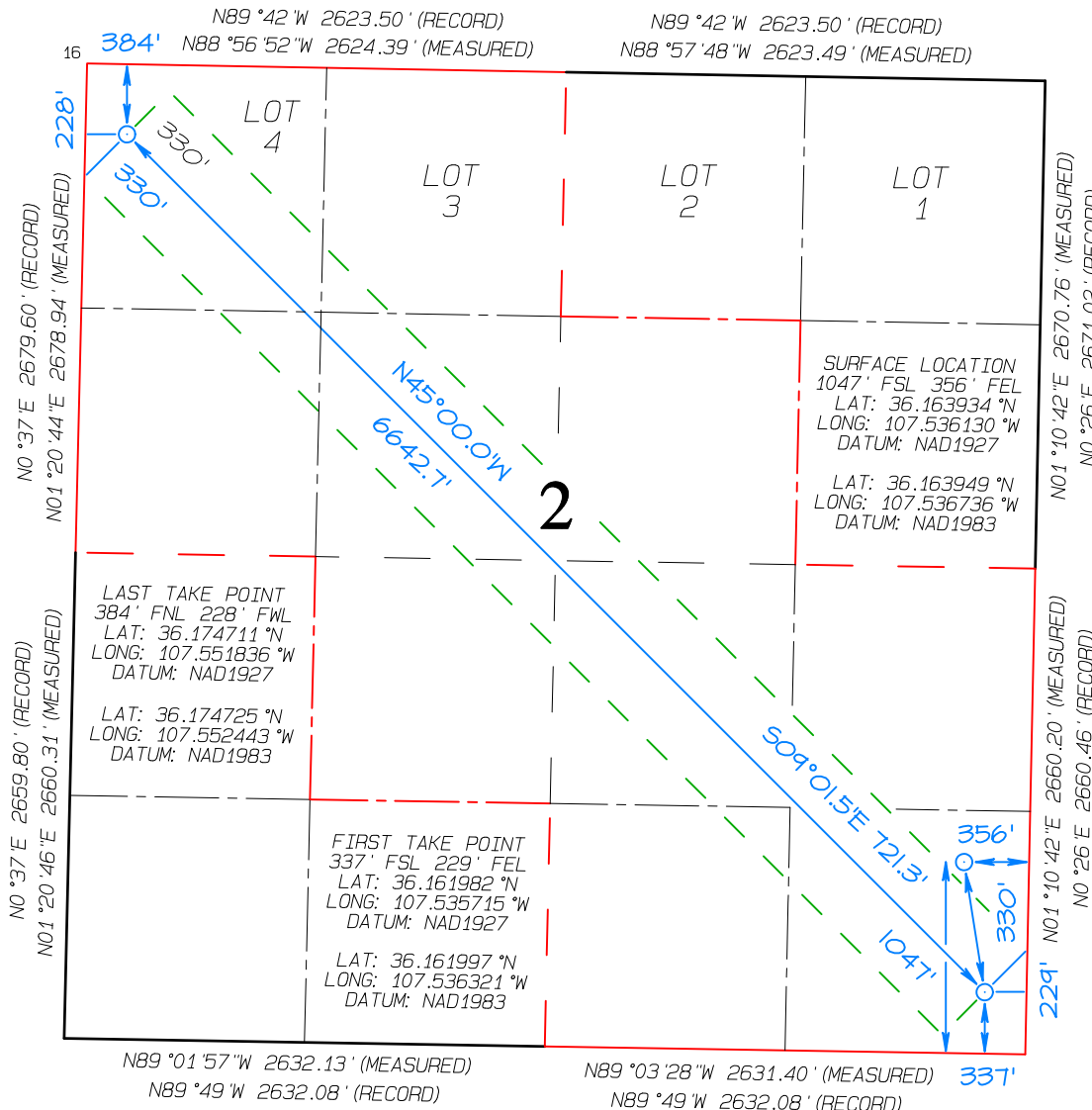
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	2	22N	7W		1047	SOUTH	356	EAST	SANDOVAL

¹¹Bottom 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
D	2	22N	7W	4	384	NORTH	228	WEST	SANDOVAL

¹² Dedicated Acres 401.03	NW/4, SW/4 NE/4 NE/4 SW/4, SE/4	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13883-A
---	------------------------------------	-------------------------------	----------------------------------	---

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Signature: Heather Huntington Date: 7/20/22
Printed Name: Heather Huntington
E-mail Address: hhuntington@enduringresources.com

¹⁸ SURVEYOR CERTIFICATION
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Date Revised: APRIL 8, 2022
Date of Survey: JUNE 12, 2015
Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269



SCU 342H Lease Plat Map

- 2015, Lower
- 2022, Upper
- 2022, Lower
- PADS
- Unit Boundary
- Section
- Township

0 0.25 0.5 1 Miles



**ENDURING
RESOURCES, LLC**

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

Author: drogers

Date: 7/25/2022

- F-001

SERVICE: OIL - BASKET STRAINER
MODEL: ST072020F4C
2" 125# FF FLANGE
MAWP - 200 PSI @ 100" F
1/8" PERFORATED SS BASKET

F-002

SERVICE: OIL - STRAINER W/ VENT
MODEL: BS-6510200
2" 125# FF FLANGE
MAWP - 200 PSI @ 150" F

P-001

SERVICE: OIL PUMP
CAPACITY: 35 GPM
DISCHARGE: 600 PSI MAX
RPM: 1150
HP: 1
MODEL: HYDRA-CELL D35KBTNNMB

M-001

SERVICE: ELECTRIC MOTOR
3PH, 230/460V
RPM: 1200
HP: 15
FRAME: 284T
HYUNDAI MODEL HHI15-12-284T

P-002

SERVICE: OIL PUMP
CAPACITY: 35 GPM
DISCHARGE: 600 PSI MAX
RPM: 1150
HP: 1
MODEL: HYDRA-CELL D35KBTNNMB

M-002

SERVICE: ELECTRIC MOTOR
3PH, 230/460V
RPM: 1200
HP: 15
FRAME: 284T
HYUNDAI MODEL HHI15-12-284T

F-003

SERVICE: WATER - BASKET STRAINER
MODEL: ST072020F4C
2" 125# FF FLANGE
MAWP - 200 PSI @ 100" F
1/8" PERFORATED SS BASKET

P-003

SERVICE: WATER TRANSFER PUMP
CAPACITY: 53 GPM (MAX)
DISCHARGE: 580 PSI (MAX) OPERATING
RPM: 3500
BEMP STAGES: 20
MODEL: 10SV20RD30N

M-003

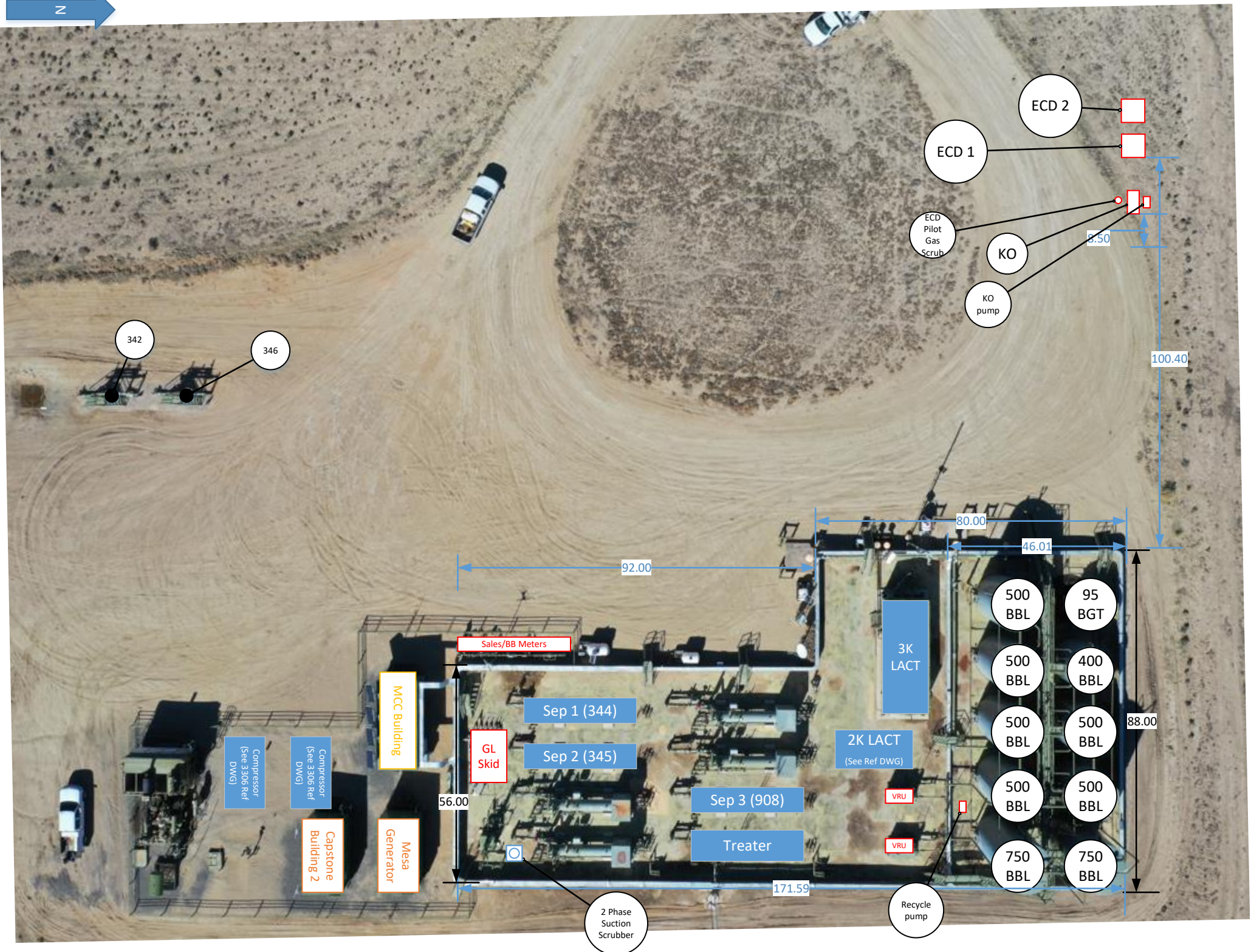
SERVICE: ELECTRIC MOTOR
3PH, 208-230/460V, 60Hz
RPM: 3500
HP: 20
FRAME: 256TC
TECO #EPV0202C

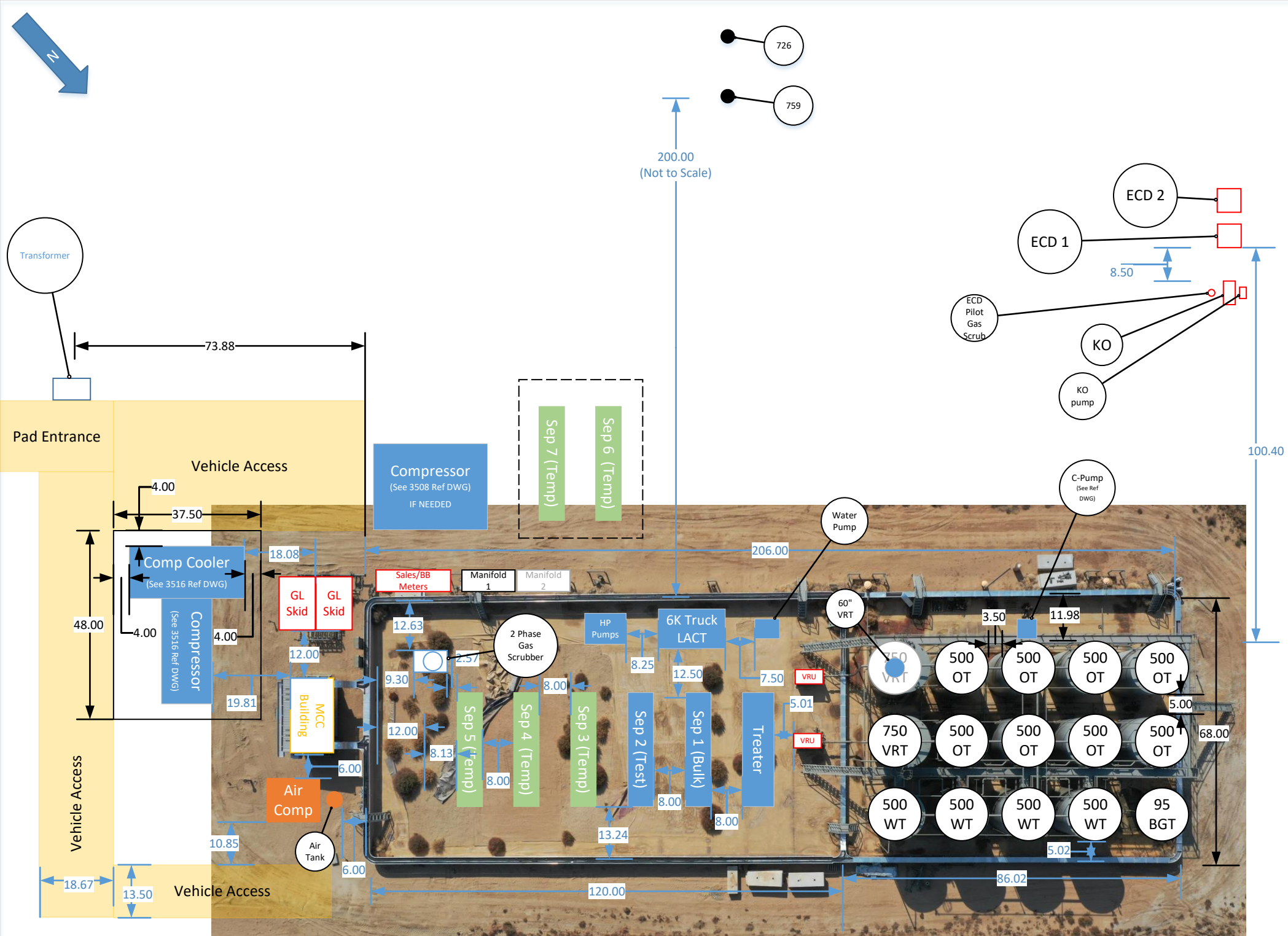
P004

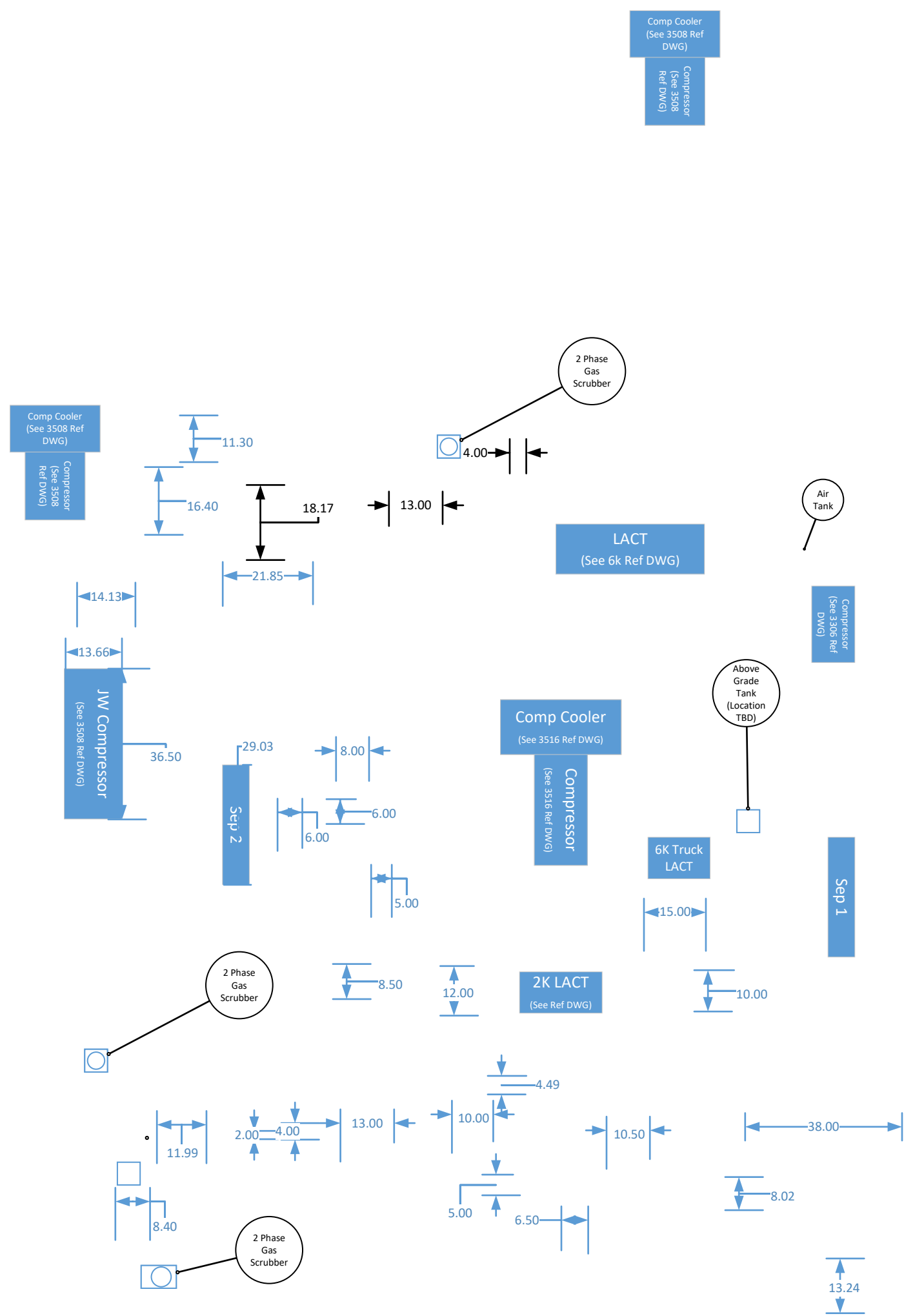
SERVICE: SAMPLE PUMP
CAPACITY: X
DISCHARGE: X
RPM: 3450
HP: 1/2
1 PH, 115/230V
MOTOR: X

V-001

SERVICE: SAMPLE MIXING TANK
CAPACITY: 15 GAL.
DIAMETER: 14"
DESIGN PRESSURE: 35 PSI @ 150" F
-
- THIS DOCUMENT, WHETHER CONTAINING PATENTABLE OR NONPATENTABLE SUBJECT MATTER EMBODIES THE PROPRIETARY AND CONFIDENTIAL INFORMATION OF HENRY PRODUCTION INC. AND PUMPS AND SERVICE. IT IS LOANED IN CONFIDENCE WITH THE UNDERSTANDING THAT IT WILL NOT BE REPRODUCED, USED OR DISCLOSED FOR ANY PURPOSE EXCEPT THE LIMITED PURPOSE FOR WHICH IT IS LOANED. THIS DOCUMENT SHALL BE RETURNED TO HENRY PRODUCTION INC. OR PUMPS AND SERVICE UPON DEMAND.
- | | | | | | |
|------|-----------------------------|-----|-------|-------------|-----------|
| 8 | OIL DRAIN SYSTEM ADDED | JKR | JKR | Drawn By: | JKR |
| 7 | OIL PSV OUTLET CHANGE | JKR | JKR | Date: | June 2015 |
| 6 | SAMPLE POT UPDATE | JKR | JKR | Checked By: | JKR |
| 5 | UPDATE PART NUMBERS | JKR | JKR | Date: | Aug 1014 |
| 4 | UPDATE | DT | JKR | Approved: | |
| 3 | REVISED CONDUIT SIZES | JKR | JKR | Date: | |
| 2 | CHGD LOW PRESS. TRANSMITTER | JKR | JKR | | |
| REV. | DESCRIPTION | BY | CHKD. | | |
-
-
- 3440 Morning Star Drive, Farmington, NM 87401 (505) 327-0422
- | | | | |
|---------------|-----|--------------------------------------|---------|
| Drawing Name: | | P & ID | |
| Project: | | ENDURING TRIPLE PUMP TRANSFER - LACT | |
| Scale: | NTS | Drawing No.: | 2222-06 |
| | | Rev. | 8 |







From: [Mark Lokshin](#)
To: [Heather Huntington](#); [Bobby McCracken](#)
Subject: FW: [EXTERNAL] FW: Permission from Marathon on S Chaco Unit 342H LACT revision
Date: Monday, July 25, 2022 11:20:07 AM

Please see below.

Thanks

Mark

From: Webb, Marshall <MWebb@marathonpetroleum.com>
Sent: Monday, July 25, 2022 11:19 AM
To: Mark Lokshin <MLokshin@enduringresources.com>
Subject: Re: [EXTERNAL] FW: Permission from Marathon on S Chaco Unit 342H LACT revision

I approve

Get [Outlook for iOS](#)

From: Mark Lokshin <MLokshin@enduringresources.com>
Sent: Monday, July 25, 2022 11:18:31 AM
To: Webb, Marshall <MWebb@marathonpetroleum.com>
Subject: [EXTERNAL] FW: Permission from Marathon on S Chaco Unit 342H LACT revision

Marshall

Please see below and reply with your approval.

Thank you

Mark

Enduring Resources IV, LLC's (Enduring) is requesting to amend the current approved S Chaco Unit 342H Pipeline Transfer LACT Unit C-106 LACT application to add an additional three wells (S Chaco 344H, 345H, 908H). Enduring needs an approval from the transporter which in this case is Marathon. The Pipeline Transfer LACT equipment for the below listed wells will be located on Enduring's S Chaco Unit 342H pad and will be utilized for sales oil royalty distribution. LACT will be proved per regulatory requirements.

**S CHACO UNIT 339H/340H/342H/346H/344H/345H/908H PIPELINE LACT UNIT
WELLS TO BE SERVED BY PIPELINE LACT UNIT:**

- S CHACO UNIT 339H / API #30-043-21244 / UNIT P Sec. 35, T23N, R7W, NMPM
- S CHACO UNIT 340H / API #30-043-21247 / UNIT P Sec. 35, T23N, R7W, NMPM
- S CHACO UNIT 342H / API #30-043-21243 / UNIT A Sec. 2, T22N, R7W, NMPM
- S CHACO UNIT 346H / API #30-043-21241 / UNIT A Sec. 2, T22N, R7W, NMPM
- S CHACO UNIT 344H / API #30-043-21280 / UNIT P Sec. 2, T22N, R7W, NMPM
- S CHACO UNIT 345H / API #30-043-21279 / UNIT P Sec. 2, T22N, R7W, NMPM
- S CHACO UNIT 908H / API #30-043-21281 / UNIT P Sec. 2, T22N, R7W, NMPM

***Wells in red will be added to the LACT unit on the S Chaco Unit 342H.**

Heather Huntington
Enduring Resources Permitting Technician
505-636-9751