

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

Form C-106
Revised August 1, 2011

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

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: NMNM018463/NMNM109398

Pool(s) to be served by this ACT Unit Basin Mancos/Nageezi Gallup

Location of ACT System: Unit P Section 04 Township 23N Range 8W

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

PLC-770 Date 5/21/2021

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

PLC-770 Date 5/21/2021

Authorized transporter of oil from this system Whiptail Midstream LLC

Transporter's address 15 West 6th Street Tulsa, OK 74119

Maximum expected daily through-put for this system: 2,000 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 500 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.

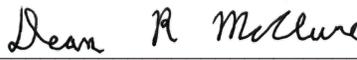
Signature 

Printed Name & Title Heather Huntington Permitting Technician

E-mail Address hhuntington@enduringresources.com

Date 5/24/21 Telephone (505) 636-9751

OIL CONSERVATION DIVISION

Approved by: 

Title: Petroleum Engineer

Date: 05/24/2021

C106-901

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
CHACO 2308-04P #149H, #150H & #406H/ CHACO 2308 -03E #403H, #404H, & #405H PIPELINE LACT UNIT**

WELLS TO BE SERVED BY PIPELINE LACT UNIT:

- CHACO 2308 -04P #149H / API #30-045-35495 / UNIT P (SE/SE) Sec. 04, T23N, R8W, NMPM
- CHACO 2308 -04P #150H / API #30-045-35497 / UNIT P (SE/SE) Sec. 04, T23N, R8W, NMPM
- CHACO 2308 -04P #406H / API #30-045-35587 / UNIT P (SE/SE) Sec. 04, T23N, R8W, NMPM
- **CHACO 2308 -03E #403H / API #30-045-35588 / UNIT E (SW/NW) Sec. 03, T23N, R8W, NMPM**
- **CHACO 2308 -03L #404H / API #30-045-35539 / UNIT L (NW/NW) Sec. 03, T23N, R8W, NMPM**
- **CHACO 2308 -03L #405H / API #30-045-35538 / UNIT L (NW/NW) Sec. 03, T23N, R8W, 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, 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.***

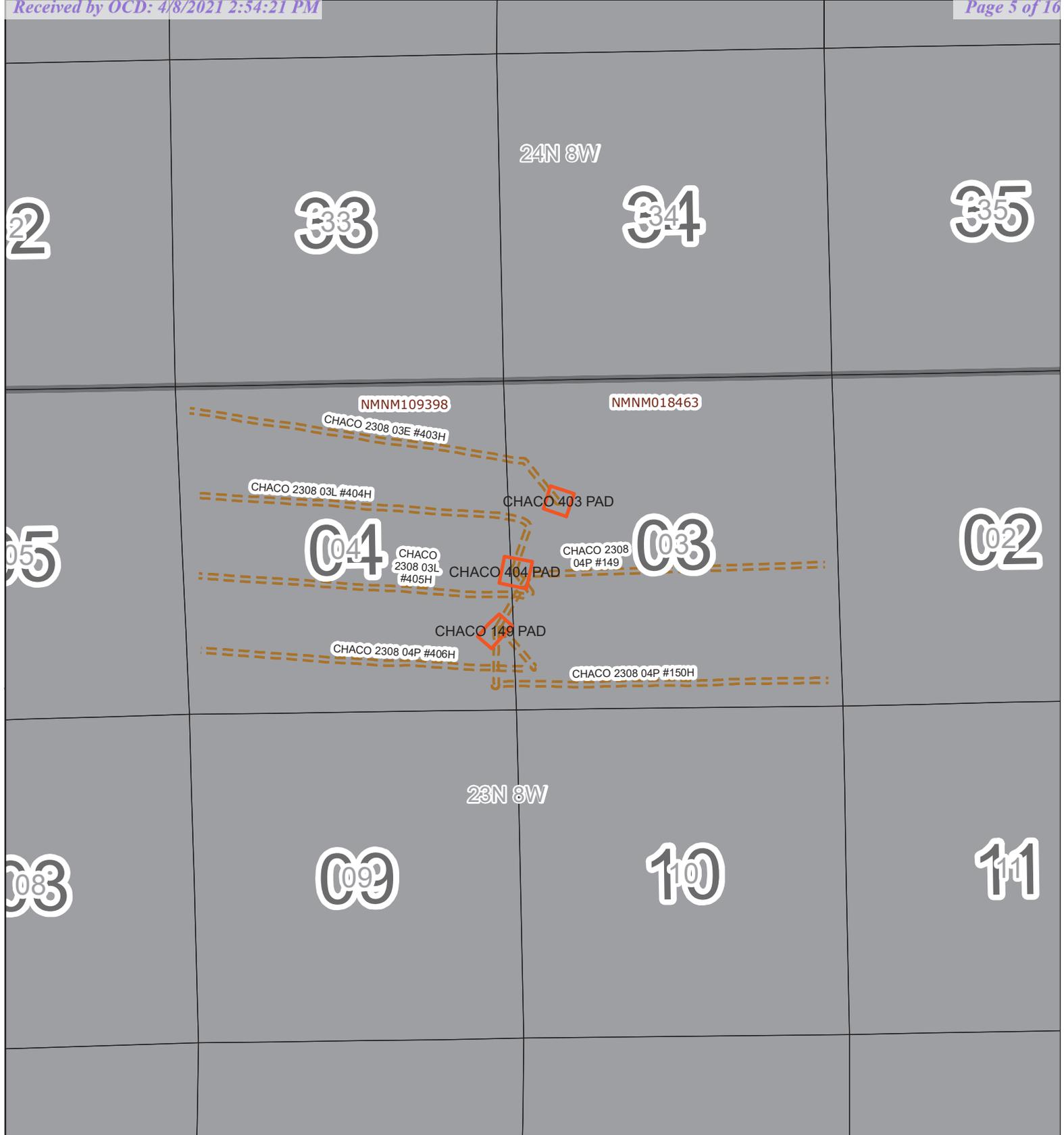
(12) The operator of the ACT system shall check the measuring and recording devices of ACT systems for accuracy at least once each month unless it has obtained an exception to such determination from the division. Where applicable, the operator of the ACT system shall use API standard 1101, Measurement 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.



Chaco2308 Lease Plat Map

-  Wellbores
-  Section
-  PADS
-  Township



**ENDURING
RESOURCES, LLC**

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

 Miles



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

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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 30-045-35495		² Pool Code 47540		³ Pool Name NAGEEZI GALLUP	
⁴ Property Code 321224		⁵ Property Name CHACO 2308-04P		⁶ Well Number 149H	
⁷ GRID No. 372286		ENDURING RESOURCES, LLC		⁸ Elevation 6871'	

Surface Location 10

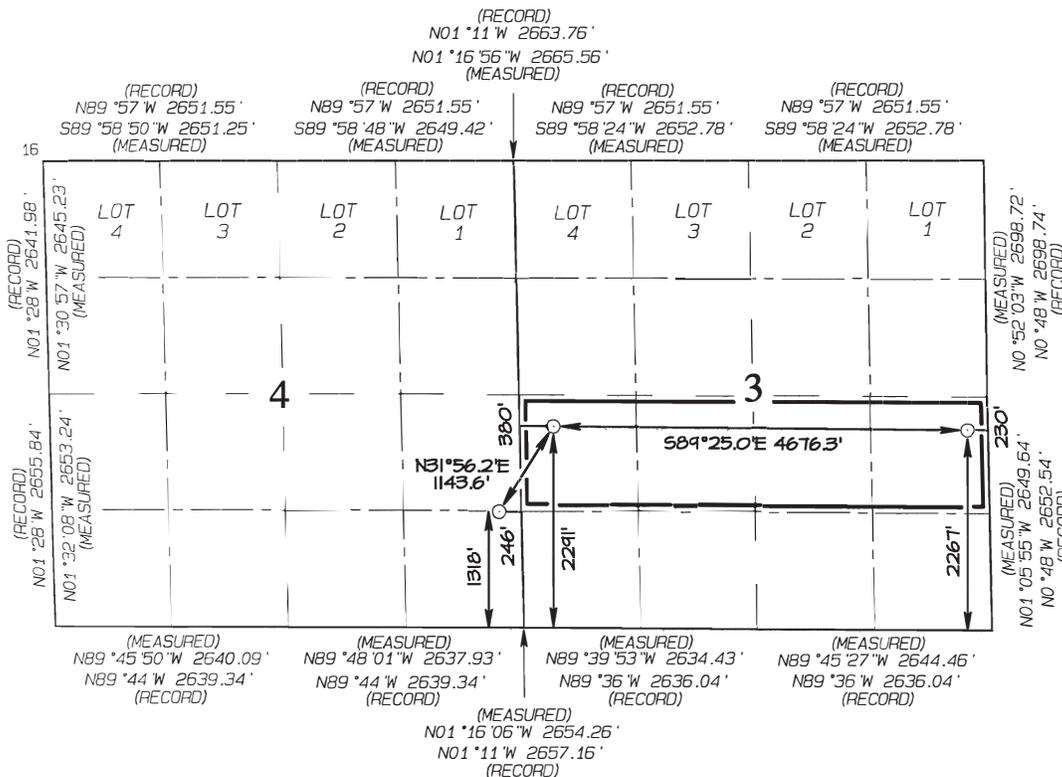
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	23N	8W		1318	SOUTH	246	EAST	SAN JUAN

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
I	3	23N	8W		2267	SOUTH	230	EAST	SAN JUAN

¹² Dedicated Acres 160.0 Acres N/2 S/2 - Section 3	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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: 4/8/21
Signature: Heather Huntington Date: 4/8/21
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 2, 2014
Survey Date: AUGUST 19, 2013
Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

SURFACE LOCATION 1318' FSL 246' FEL SECTION 4, T23N, R8W LAT: 36.25257°N LONG: 107.67819°W DATUM: NAD1927	POINT-OF-ENTRY 2291' FSL 380' FWL SECTION 3, T23N, R8W LAT: 36.25524°N LONG: 107.67613°W DATUM: NAD1927	BOTTOM-HOLE 2267' FSL 230' FEL SECTION 3, T23N, R8W LAT: 36.25508°N LONG: 107.66027°W DATUM: NAD1927
LAT: 36.25259°N LONG: 107.67880°W DATUM: NAD1983	LAT: 36.25525°N LONG: 107.67674°W DATUM: NAD1983	LAT: 36.25510°N LONG: 107.66088°W DATUM: NAD1983

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State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

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1220 South St. Francis Drive
Santa Fe, NM 87505

AMENDED REPORT

AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35497		² Pool Code 47540		³ Pool Name NAGEEZI GALLUP	
⁴ Property Code 321224		⁵ Property Name CHACO 2308-04P		⁶ Well Number 150H	
⁷ DGRID No. 372286		⁸ Operator Name ENDURING RESOURCES, LLC		⁹ Elevation 6870'	

¹⁰ Surface Location

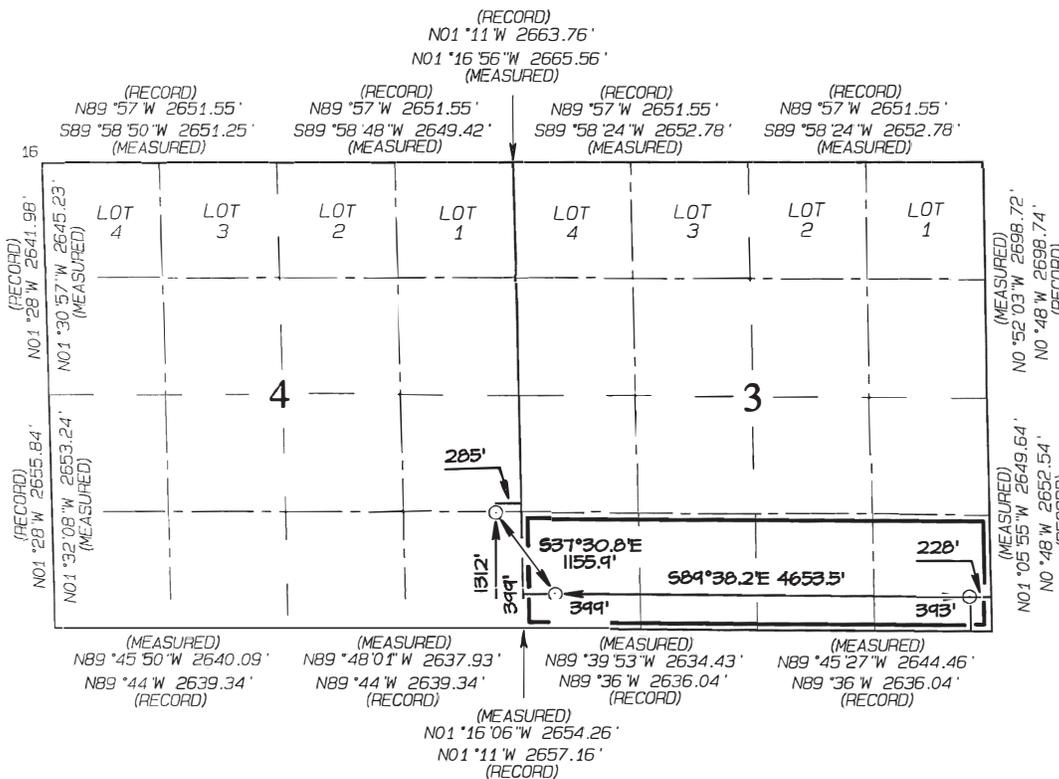
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	T23N	R8W		1312	SOUTH	285	EAST	SAN JUAN

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
P	3	T23N	R8W		393	SOUTH	228	EAST	SAN JUAN

¹² Dedicated Acres 160.0 Acres S/2 S/2 - Section 3	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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: 4/8/21
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 21, 2014
Survey Date: AUGUST 19, 2013
Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

SURFACE LOCATION 1312' FSL 285' FEL SECTION 4, T23N, R8W LAT: 36.25256°N LONG: 107.67832°W DATUM: NAD1927	POINT-OF-ENTRY 399' FSL 399' FWL SECTION 3, T23N, R8W LAT: 36.25004°N LONG: 107.67593°W DATUM: NAD1927	BOTTOM-HOLE 393' FSL 228' FEL SECTION 3, T23N, R8W LAT: 36.24993°N LONG: 107.66015°W DATUM: NAD1927
LAT: 36.25257°N LONG: 107.67893°W DATUM: NAD1983	LAT: 36.25005°N LONG: 107.67655°W DATUM: NAD1983	LAT: 36.24995°N LONG: 107.66076°W DATUM: NAD1983

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State of New Mexico
Energy, Minerals & Natural Resources Department

Form 8-102
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 30-045-35587		² Pool Code 97232		³ Pool Name BASIN MANCOS	
⁴ Property Code 321224		⁵ Property Name CHACO 2308-04P			⁶ Well Number 406H
⁷ OGRID No. 372286		⁸ Operator Name ENDURING RESOURCES, LLC			⁹ Elevation 6876'

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	4	23N	8W		1323	SOUTH	208	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

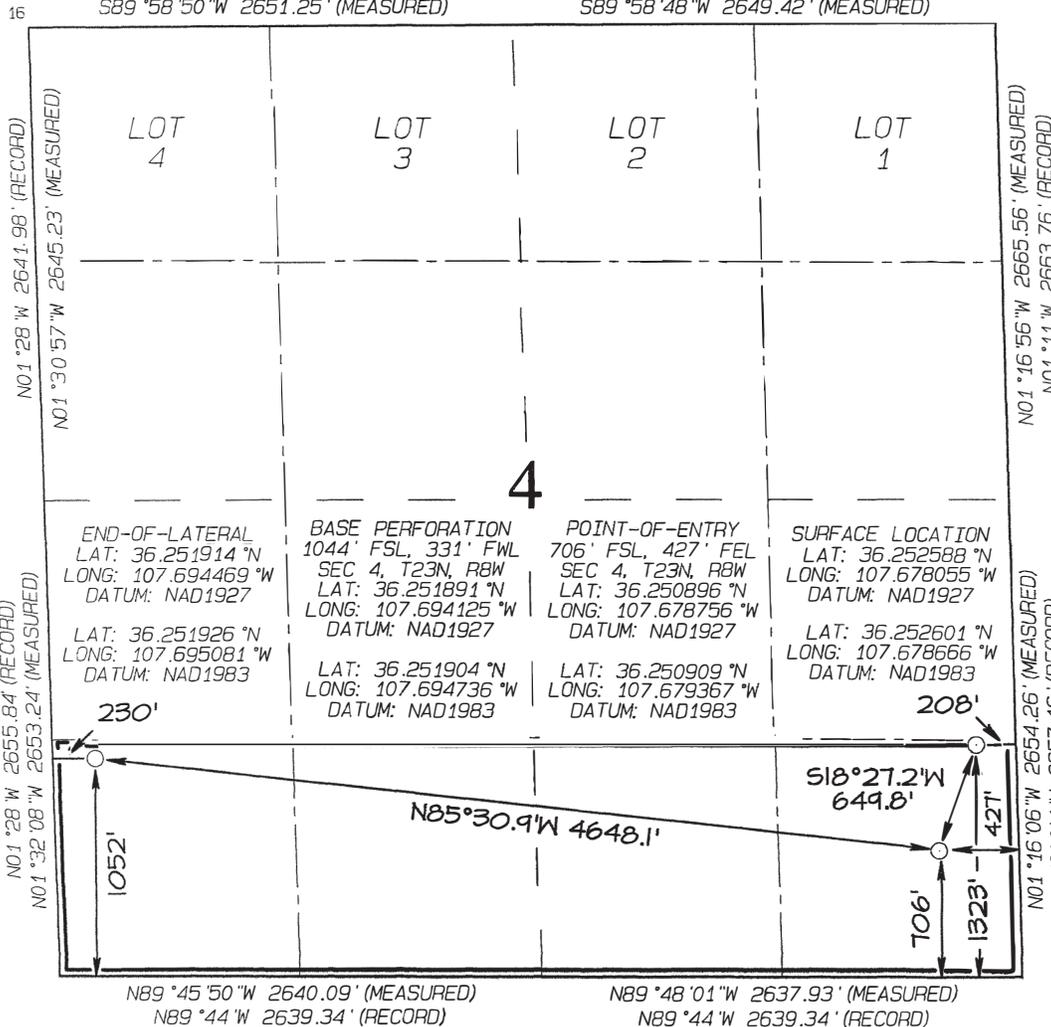
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	4	23N	8W		1052	SOUTH	230	WEST	SAN JUAN

¹² Dedicated Acres 160.0 Acres - S/2 S/2					¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.		
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N89°57'W 2651.55' (RECORD)
S89°58'50"W 2651.25' (MEASURED)

N89°57'W 2651.55' (RECORD)
S89°58'48"W 2649.42' (MEASURED)



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 4/8/21
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: OCTOBER 11, 2014
Survey Date: AUGUST 15, 2014

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
15269

JASON C. EDWARDS
Certificate Number 15269

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State of New Mexico
Energy, Minerals & Natural Resources Department

Submit one copy to
Appropriate District Office

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

[X] AMENDED REPORT
AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

Table with 3 columns: API Number, Pool Code, Pool Name, Property Code, Property Name, Well Number, OGRID No., Operator Name, Elevation.

10 Surface Location

Table with 10 columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the, North/South line, Feet from the, East/West line, County.

11 Bottom Hole Location If Different From Surface

Table with 10 columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the, North/South line, Feet from the, East/West line, County.

Table with 5 columns: 12 Dedicated Acres, 13 Joint or Infill, 14 Consolidation Code, 15 Order No.

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END-OF-LATERAL, BASE PERFORATION, POINT-OF-ENTRY, SURFACE LOCATION
329' FNL 231' FWL SECTION 4, T23N, R8W
LAT: 36.262674°N LONG: 107.694801°W DATUM: NAD1927

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: 4/8/21
Printed Name: Heather Huntington
E-mail Address: hhuntington@enduringresources.com

18 SURVEYOR CERTIFICATION

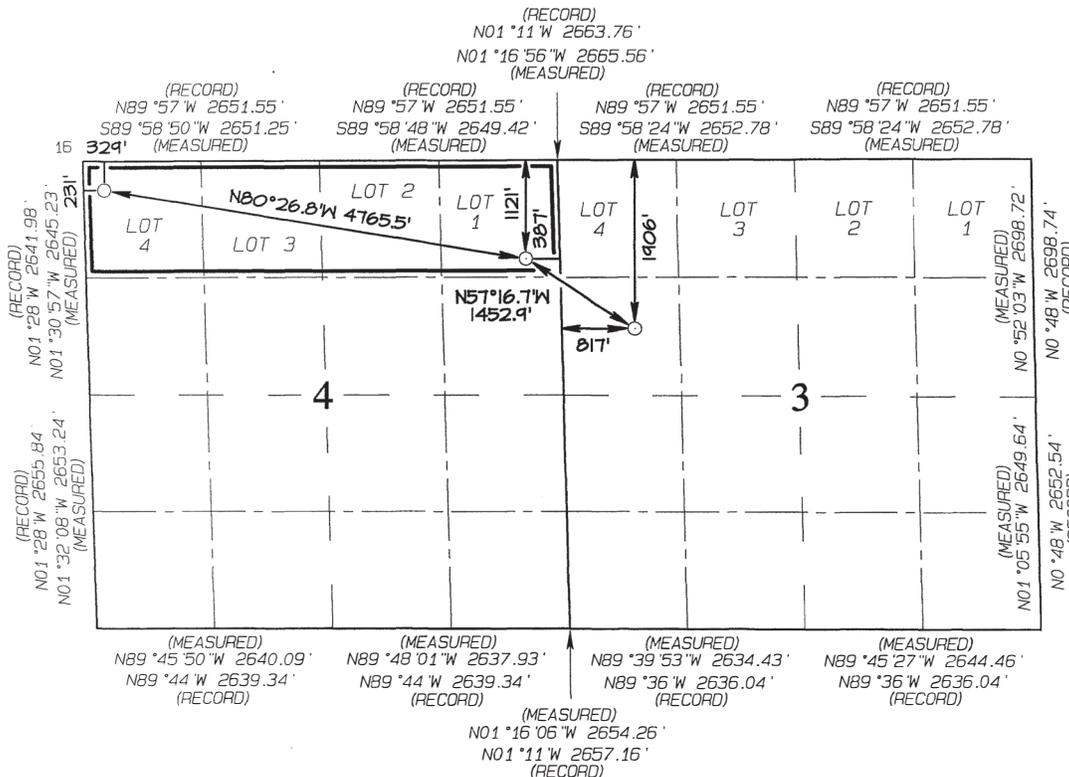
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: NOVEMBER 4, 2014
Survey Date: FEBRUARY 26, 2014

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269



DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, N.M. 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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Submit one copy to appropriate
District Office

"AS DRILLED"

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35539		² Pool Code 97232		³ Pool Name BASIN MANCOS	
⁴ Property Code 321223		⁶ Property Name CHACO 2308 03L			⁵ Well Number 404H
⁷ GRID No. 372286		⁸ Operator Name ENDURING RESOURCES, LLC			⁹ Elevation 6879

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
L	3	23 N	8 W		2268	SOUTH	70	WEST	SAN JUAN

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
E	4	23 N	8 W		1742	NORTH	260	WEST	SAN JUAN

¹² Dedicated Acres S2/N2	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
----------------------------------------	-------------------------------	----------------------------------	-------------------------

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

16 BOTTOM HOLE	LANDING POINT	SURFACE
1742' FNL, 260' FWL	2148' FNL, 206' FEL	2268' FSL, 70' FWL
LAT: 36.2588009° N	LAT: 36.2576693° N	LAT: 36.2551894° N
LONG: 107.6951898° W	LONG: 107.6787865° W	LONG: 107.6777876° W
NAD 83	NAD 83	NAD 83
LAT: 36°15.52729' N	LAT: 36°15.45940' N	LAT: 36°15.31060' N
LONG: 107°41.67469' W	LONG: 107°40.69052' W	LONG: 107°40.63059' W
NAD 27	NAD 27	NAD 27

17 OPERATOR CERTIFICATION

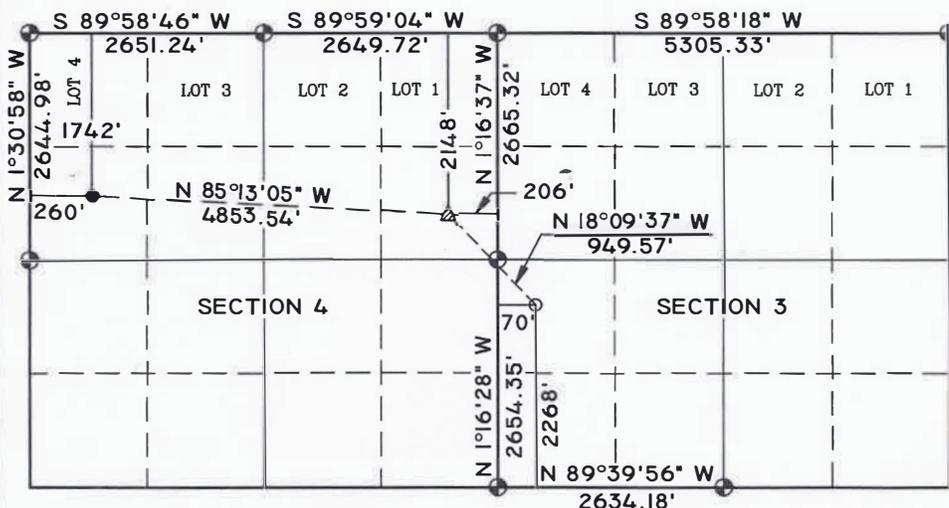
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this 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 4/8/21
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.

03/27/14
Date of Survey
Signature and Seal of Professional Surveyor
MARSHALL W. LINDBEN
NEW MEXICO
17078
PROFESSIONAL SURVEYOR
17078
Certificate Number
United Field Services, Inc.



BEARINGS & DISTANCES SHOWN ARE REFERENCED TO THE NEW MEXICO COORDINATE SYSTEM, WEST ZONE, NAD 83, UNLESS OTHERWISE NOTED.

NOTE: THE COORDINATES FOR THE LANDING POINT AND THE BOTTOM HOLE LOCATION CAME FROM THE CERTIFIED FINAL DIRECTIONAL SURVEY CONDUCTED BY CATHEDRAL ON 07/31/14.

- LEGEND:**
- = SURFACE LOCATION
 - = BOTTOM HOLE LOCATION
 - ⊕ = FOUND 1947 U.S.G.L.O. BRASS CAP
 - △ = LANDING POINT

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35538		² Pool Code 97232		³ Pool Name BASIN MANCOS	
⁴ Property Code 321223		⁵ Property Name CHACO 2308 03L			⁶ Well Number 405H
⁷ GRID No. 372286		⁸ Operator Name ENDURING RESOURCES			⁹ Elevation 6879

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
L	3	23 N	8 W		2216	SOUTH	74	WEST	SAN JUAN

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	4	23 N	8 W		2254	SOUTH	250	WEST	SAN JUAN

¹² Dedicated Acres 160 ACRES N2/S2 SEC 4	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------------------------------------------	-------------------------------	----------------------------------	-------------------------

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

¹⁶ BOTTOM HOLE	LANDING POINT	SURFACE
2254' FSL, 250' FWL	1888' FSL, 159' FEL	2216' FSL, 74' FWL
LAT: 36.2552258° N	LAT: 36.2541491° N	LAT: 36.2550465° N
LONG: 107.6951132° W	LONG: 107.6785395° W	LONG: 107.6777705° W
NAD 83	NAD 83	NAD 83
LAT: 36°15.31279' N	LAT: 36°15.24818' N	LAT: 36°15.30203' N
LONG: 107°41.67009' W	LONG: 107°40.67570' W	LONG: 107°40.62957' W
NAD 27	NAD 27	NAD 27

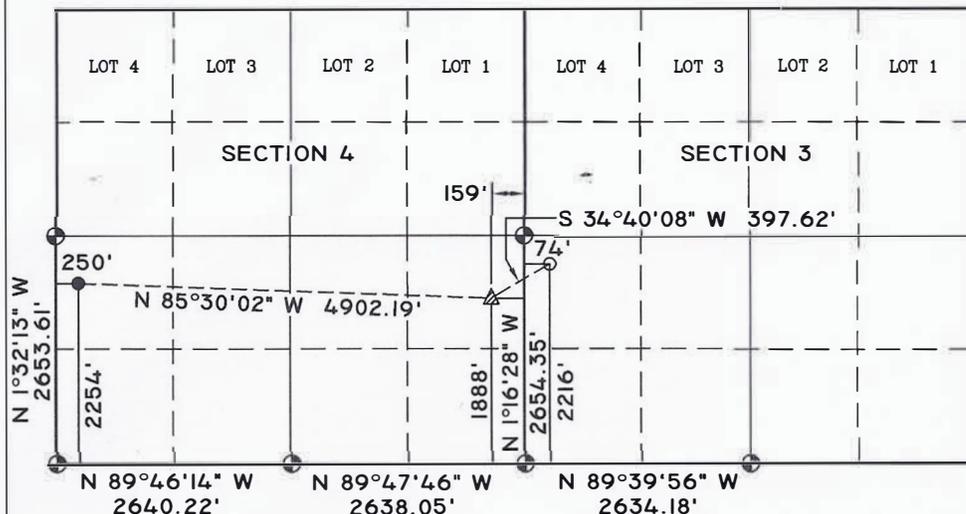
¹⁷ OPERATOR CERTIFICATION

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 4/8/21
 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.

02/12/14
 Date of Survey

Marshall W. Linden
 Signature and Seal of Professional Surveyor

MARSHALL W. LINDEEN
 NEW MEXICO
 17078
 PROFESSIONAL SURVEYOR

17078
 Certificate Number
 United Field Services, Inc.

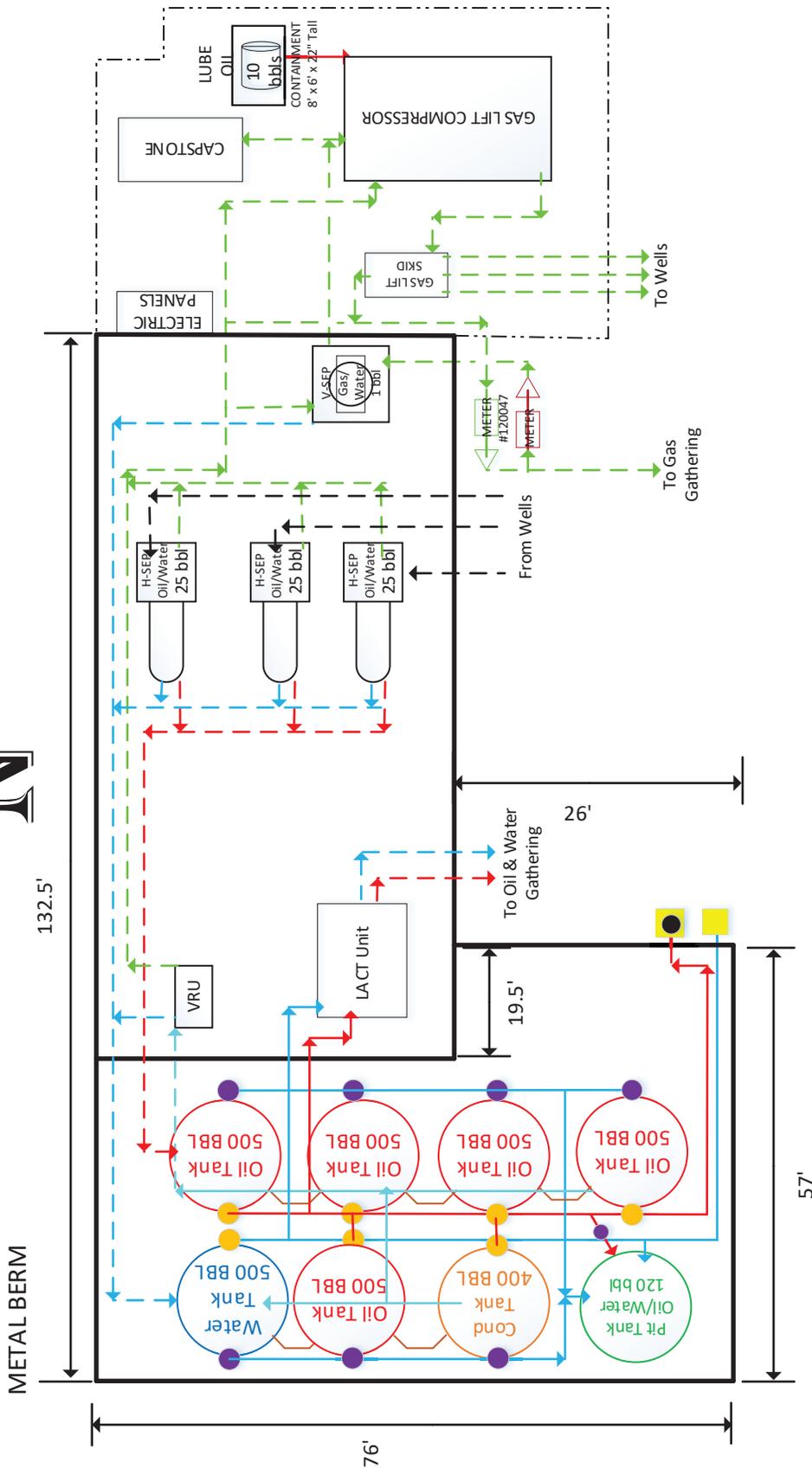
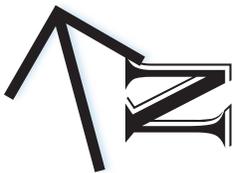
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LEGEND:

- = SURFACE LOCATION
- = BOTTOM HOLE LOCATION
- ⊙ = FOUND 1947 U.S.G.L.O. BRASS CAP
- △ = LANDING POINT

SITE ENTRANCE



LEGEND

- VAPOR RECOVERY
- OIL LINE
- WELL LINE
- WATER LINE
- GAS LINE
- SALES VALVE SEALED CLOSED
- SALES VALVE SEALED OPEN
- DRAIN VALVE SEALED CLOSED
- DRAIN VALVE SEALED OPEN
- PRODUCTION VALVE OPEN/CLOSE
- BELOW GRADE EQUIPMENT
- SALES METER
- BUY BACK METER
- LOAD OUT
- FENCING
- WELLHEAD
- CROSSOVER

SITE FACILITY DIAGRAM

Site Name: Chaco 2308 04P 149H PAD
 Wells: Chaco 2308-04P 149H, 150H, 406H
 API: 30-045-35495, 35497, 35587
 Sec. 4P, Twn. 23N, Rge. 8W
 San Juan, New Mexico
 Lease: NMMN18463
 Lat: 36.2525908, Long: -107.6788

Revised By: RMM
 Date: 4/6/2021



ENDURING RESOURCES, LLC

From: [Mark Lokshin](#)
To: [Heather Huntington](#)
Cc: [Tim Friesenhahn](#)
Subject: FW: Whiptail Permission for additional wells on LACT unit Chaco 2308-04P 149H
Date: Wednesday, April 7, 2021 9:07:38 AM

Heather

Please see below for the approval.

Thank you

Mark

From: Andy Pickle <andy.pickle@whiptailmidstream.com>
Sent: Wednesday, April 7, 2021 9:02 AM
To: Mark Lokshin <MLokshin@enduringresources.com>
Subject: RE: Whiptail Permission for additional wells on LACT unit Chaco 2308-04P 149H

Mark,

We approve the use of the Pipeline Transfer LACT equipment on the Chaco 2308-04P 149H pad to transfer product, from the wells below, to Whiptail Midstream, LLC's pipeline system.

- CHACO 2308 -04P #149H / API #30-045-35495 / UNIT P (SE/SE) Sec. 04, T23N, R8W, NMPM
- CHACO 2308 -04P #150H / API #30-045-35497 / UNIT P (SE/SE) Sec. 04, T23N, R8W, NMPM
- CHACO 2308 -04P #406H / API #30-045-35587 / UNIT P (SE/SE) Sec. 04, T23N, R8W, NMPM
- CHACO 2308 -03E #403H / API #30-045-35588 / UNIT E (SW/NW) Sec. 03, T23N, R8W, NMPM
- CHACO 2308 -03L #404H / API #30-045-35539 / UNIT L (NW/NW) Sec. 03, T23N, R8W, NMPM
- CHACO 2308 -03L #405H / API #30-045-35538 / UNIT L (NW/NW) Sec. 03, T23N, R8W, NMPM

Thank you,

[Andy Pickle](#)

Whiptail Midstream

O: (918) 289-2209

M: (580) 402-4881

andy.pickle@whiptailmidstream.com



[From receipt to delivery, the midstream partner you count on.](#)

From: Mark Lokshin <MLokshin@enduringresources.com>
Sent: Tuesday, April 6, 2021 1:10 PM
To: Andy Pickle <andy.pickle@whiptailmidstream.com>

Subject: FW: Whiptail Permission for additional wells on LACT unit Chaco 2308-04P 149H

Hi Andy

Please see below. We need Whiptails permission to for our C-106 to route our 404 wells to the 150. As per below it can be in an email.

Thank you

Mark Lokshin
Accounting Supervisor
Enduring Resources, LLC
303.350.5707

From: Heather Huntington <HHuntington@enduringresources.com>
Sent: Tuesday, April 6, 2021 12:07 PM
To: Mark Lokshin <MLokshin@enduringresources.com>
Cc: Tim Friesenhahn <TFriesenhahn@enduringresources.com>
Subject: Whiptail Permission for additional wells on LACT unit Chaco 2308-04P 149H

Mark,

We will need to get Whiptail's permission to transfer the additional wells through the LACT on the Chaco 2308-04P 149H pad as required by the C-106 submission and Tim advised I should sent this to you to get the permission since you may have the appropriate contact and contract information. It can be in email form and clearly needs to state that they give us permission for the changes below. Also do you happen to have an address for Whiptail so I can on to that section of C-106?

Enduring Resources is requesting to amend their current Chaco 2308-14P 149H pad pipeline transfer LACT Unit C-106 approval. Currently Enduring Resources is approved through NMOCDC for the transfer of the following wells through the approved LACT unit into Whiptail's system:

- **CHACO 2308 -04P #149H / API #30-045-35495 / UNIT P (SE/SE) Sec. 04, T23N, R8W, NMPM**
- **CHACO 2308 -04P #150H / API #30-045-35497 / UNIT P (SE/SE) Sec. 04, T23N, R8W, NMPM**
- **CHACO 2308 -04P #406H / API #30-045-35587 / UNIT P (SE/SE) Sec. 04, T23N, R8W, NMPM**

Enduring Resources is requesting permission from Whiptail to produce the following additional wells in red through the existing LACT system. LACT will be proved per regulatory requirements.

- **CHACO 2308 -03E #403H / API #30-045-35588 / UNIT E (SW/NW) Sec. 03, T23N, R8W, NMPM**
- **CHACO 2308 -03L #404H / API #30-045-35539 / UNIT L (NW/NW) Sec. 03, T23N, R8W, NMPM**
- **CHACO 2308 -03L #405H / API #30-045-35538 / UNIT L (NW/NW) Sec. 03, T23N, R8W, NMPM**

Heather Huntington
Enduring Resources Permitting Technician
505-636-9751

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

CONDITIONS

Action 23516

CONDITIONS OF APPROVAL

Operator:	ENDURING RESOURCES, LLC	1050 17TH STREET, SUITE 2500	DENVER, CO80265	OGRID:	372286	Action Number:	23516	Action Type:	C-106
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OCD Reviewer	Condition
dmcclure	Surface Commingling Authority Granted by PLC-770