

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Enduring Resources, LLC **OGRID Number:** 372286
Well Name: Chaco 2308 04P #149H and others **API:** 30-045-35495
Pool: Nageezi Gallup; Basin Mancos **Pool Code:** 47540; 97232

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☐ NSL

☐ NSP (PROJECT AREA)

☐ NSP (PRORATION UNIT)

☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC

☐ CTB

☒ PLC

☐ PC

☐ OLS

☐ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX

☐ PMX

☐ SWD

☐ IPI

☐ EOR

☐ PPR

2) NOTIFICATION REQUIRED TO: Check those which apply.

A. ☐ Offset operators or lease holders

B. ☒ Royalty, overriding royalty owners, revenue owners

C. ☐ Application requires published notice

D. ☐ Notification and/or concurrent approval by SLO

E. ☒ Notification and/or concurrent approval by BLM

F. ☐ Surface owner

G. ☒ For all of the above, proof of notification or publication is attached, and/or,

H. ☐ No notice required

FOR OCD ONLY

☐

Notice Complete

☐

Application
Content
Complete

3) CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Alex Campbell

Print or Type Name

Signature

5/14/21

Date

(303)350-5107

Phone Number

acampbell@enduringresources.com

e-mail Address

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Enduring Resources, LLC
OPERATOR ADDRESS: 1050 17th Street Suite 2500 Denver, CO 80265

APPLICATION TYPE:
☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)
LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☒ Yes ☐ No If "Yes", please include the appropriate Order No. PLC-411 _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☒ Yes ☐ No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

(2) Are any wells producing at top allowables? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.
(4) Measurement type: ☒ Metering ☐ Other (Specify)
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

(1) Pool Name and Code.
(2) Is all production from same source of supply? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No
(4) Measurement type: ☒ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

(1) Complete Sections A and E.


(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE:  TITLE: Vice President of Land DATE: 5/14/21
TYPE OR PRINT NAME Alex Campbell TELEPHONE NO.: (303)350-5107
E-MAIL ADDRESS: acampbell@enduringresources.com



Enduring Resources, LLC
1050 17th Street, Suite 2500
Denver, CO 80265
(303) 573-1222

APPLICATION FOR SURFACE POOL/LEASE COMMINGLING

Enduring Resources, LLC. ("Enduring") respectfully requests approval to amend PLC-411 to surface pool/lease commingle oil & gas from all existing wells in Section 03 and Section 04 in Township 24 N, Range 8 West within the Nageezi Gallup and Basin Mancos pools listed below, for Leases NMNM18463 & NMNM109398. These spacing units are initially dedicated to the following wells:

Site Name: Chaco 2308 04P 149H PAD

Wells: Chaco 2308-04P 149H, 150H, 406H, Chaco 2308 03E 403H, Chaco 2308 03L 404H, 405H

API: 30-045-35495, 35497, 35587, 35588, 35539, 35538

Sec.04, Twn. 23N, Rge. 8W

San Juan, New Mexico

Lease: NMNM18463, NMNM109398

Lat: 36.2525908, Long: -107.6788

Well Name	Location	API #	Pool	Oil BPD	Gravities	MSCFD	BTU
Chaco 2308-04P 149H	P-4-23N-08W	30-045-35495	(47540) Nageezi Gallup	19.5	41.7	67.2	1,501
Chaco 2308-04P 150H	P-4-23N-08W	30-045-35497	(47540) Nageezi Gallup	18.9	41.7	81.8	1,506
Chaco 2308-04P 406H	P-4-23N-08W	30-045-35587	(97232) Basin Mancos	24.4	41.7	62.8	1,496
Chaco 2308-03E 403H	E-3-23N-08W	30-045-35588	(97232) Basin Mancos	22.9	42.5	171	1,548
Chaco 2308-03L 404H	L-3-23N-08W	30-045-35539	(97232) Basin Mancos	16.2	42.5	75.6	1,546
Chaco 2308-03L 405H	L-3-23N-08W	30-045-35538	(97232) Basin Mancos	21.3	42.5	77.8	1,547

FUTURE ADDITIONS:

Pursuant to Statewide Rule 19.15.12.10 (C) (4)(g), Enduring respectfully requests the option to include additional future pools or leases that may be served in the future from the Chaco 2308-04P #149H surface facility, and requests authority to add additional wells contained within approved spacing units on the two leases subject to Order PLC-411 by filing a Sundry Notice C-103 and C-102 Plats together with an Amendment with the NMOCD. Notice to interest owners shall not be required when amending the application to add future pools or wells.

PROCESS AND FLOW DESCRIPTIONS:

Production from the 406 well flows into a dedicated 3-phase separator. Production from the 149 well and 150 well combine into a single line and flow into a 3-phase separator. Production from the 403 well, 404 well and 405 well combine into a single line and flow into a 3-phase separator. All separators are located at the Chaco 149 CTB.

The 3-phase separators will: accept the mixture of oil/gas/water and separate fluid into three independent streams (oil, gas, and water). The streams exiting the separator are measured via the following meter types:

Chaco 2308-04P 149H/150H gas allocation meter is an orifice meter (62384412*)

Chaco 2308-04P 406H gas allocation meter is an orifice meter (62309306*)

Chaco 2308-03E 403H, Chaco 2308-03L 404H/405H gas allocation is an orifice meter (62309298*)



Enduring Resources, LLC
1050 17th Street, Suite 2500
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(303) 573-1222

Chaco 2308-04P 149H/150H oil allocation meter is a Coriolis meter (S/N 14435395)

Chaco 2308-04P 406H oil allocation meter is a Coriolis meter (S/N 14399129)

Chaco 2308-03E 403H, Chaco 2308-03L 404H/405H oil allocation is a Coriolis meter (S/N 14396873)

Water is measured via a turbine meter after each separator.

After gas is measured from each separator, it combines into a single header and routes to three major locations: compression, sales, and fuel gas. The majority of gas flows to the compressor where it is compressed to high pressure and utilized for gas lift injection. Prior to injection, gas is measured via an orifice meter. Any excess gas not compressed will bypass the compressor and route to sales; sales gas is measured by an orifice meter. A portion of gas also routes to the fuel gas scrubber to knock out liquids and route to various end users as a fuel source. All fuel gas is measured downstream of the scrubber.

After oil is measured from each separator, it combines into a single header and flows to (5) 500 BBL oil tanks. Similarly, after water is measured from each separator, it combines into a single header and flows to (1) 500 BBL water tank. Every tank utilizes guided wave radar to measure oil and water volumes. Flash gas from the tanks combine into a vent header routed to vapor recover unit (VRU). The VRU compresses this gas and is measured via an orifice meter prior to being routed to the sales header.

The oil combines from each tank and routes to a charge pump. Once enough oil accumulates, oil is pumped to the LACT unit via the charge pump. The inlet of the LACT acts as the custody transfer point for the Midstream Gatherer to measure and transport oil to their facilities. Any oil that does not meet specifications is rejected by the LACT and returned to the oil tanks.

From the water tank, water routes to the water pump within the LACT unit. The inlet of the LACT acts as the custody transfer point for the Midstream Gatherer to measure and transport the water. Once enough water accumulates, the water pump activates and boosts the water into the Midstream Gather's line and facilities.

*Gas Meter numbers provided are assigned by Enduring; Enduring is to follow up with serial numbers once collected from the field.



Enduring Resources, LLC
1050 17th Street, Suite 2500
Denver, CO 80265
(303) 573-1222

APPLICATION FOR, COMMINGLING AT A COMMONCENTRAL TANK BATTERY

Proposal for Chaco 149 COM CTB:

Enduring Resources, LLC is requesting approval to commingle the following wells in a common central tank battery:

Well Name	Location	API #	Pool	Oil BPD	Gravities	MSCFD	BTU
Chaco 2308-04P 149H	P-4-23N-08W	30-045-35495	(47540) Nageezi Gallup	19.5	41.7	67.2	1,501
Chaco 2308-04P 150H	P-4-23N-08W	30-045-35497	(47540) Nageezi Gallup	18.9	41.7	81.8	1,506
Chaco 2308-04P 406H	P-4-23N-08W	30-045-35587	(97232) Basin Mancos	24.4	41.7	62.8	1,496
Chaco 2308-03E 403H	E-3-23N-08W	30-045-35588	(97232) Basin Mancos	22.9	42.5	171	1,548
Chaco 2308-03L 404H	L-3-23N-08W	30-045-35539	(97232) Basin Mancos	16.2	42.5	75.6	1,546
Chaco 2308-03L 405H	L-3-23N-08W	30-045-35538	(97232) Basin Mancos	21.3	42.5	77.8	1,547

Well Name	Location	API #	Pool	Total Oil BPD	Calculated Gravity	Total MSCFD	Calculated BTU
Chaco 2308-04P 149H	P-4-23N-08W	30-045-35495	(47540) Nageezi Gallup	123	42.2	535.4	1529
Chaco 2308-04P 150H	P-4-23N-08W	30-045-35497	(47540) Nageezi Gallup				
Chaco 2308-04P 406H	P-4-23N-08W	30-045-35587	(97232) Basin Mancos				
Chaco 2308-03E 403H	E-3-23N-08W	30-045-35588	(97232) Basin Mancos				
Chaco 2308-03L 404H	L-3-23N-08W	30-045-35539	(97232) Basin Mancos				
Chaco 2308-03L 405H	L-3-23N-08W	30-045-35538	(97232) Basin Mancos				

PRODUCTION SUMMARY REPORTS

WELL: Chaco 2308-04P 149H

API: 30-045-35495

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2021	(47540) Nageezi Gallup	Mar	558	1,510	111	31	0	0	9,501	0	N/A
2021	(47540) Nageezi Gallup	Feb	519	2,060	117	28	0	0	8,538	0	N/A
2021	(47540) Nageezi Gallup	Jan	609	2,753	122	31	0	0	9,556	0	N/A
2020	(47540) Nageezi Gallup	Dec	638	2,224	186	31	0	0	9,837	0	N/A
2020	(47540) Nageezi Gallup	Nov	549	1,862	123	30	0	0	7,872	0	N/A
2020	(47540) Nageezi Gallup	Oct	677	1,794	196	31	0	0	9,453	0	N/A

WELL: Chaco 2308-04P 150H

API: 30-045-35497

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2021	(47540) Nageezi Gallup	Mar	552	2,041	97	31	0	0	8,349	0	N/A
2021	(47540) Nageezi Gallup	Feb	518	2,340	1505	28	0	0	7,792	0	N/A
2021	(47540) Nageezi Gallup	Jan	630	3,108	136	31	0	0	8,596	0	N/A
2020	(47540) Nageezi Gallup	Dec	617	2,434	185	31	0	0	8,814	0	N/A
2020	(47540) Nageezi Gallup	Nov	520	2,594	115	30	0	0	6,958	0	N/A
2020	(47540) Nageezi Gallup	Oct	615	2,357	148	31	0	0	8,494	0	N/A



Enduring Resources, LLC
1050 17th Street, Suite 2500
Denver, CO 80265
(303) 573-1222

WELL: Chaco 2308-04P 406H

API: 30-045-35587

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2021	(97232) Basin Mancos	Mar	703	1,233	1.47	31	0	0	11,689	0	N/A
2021	(97232) Basin Mancos	Feb	657	1,898	29.9	28	0	0	10,454	0	N/A
2021	(97232) Basin Mancos	Jan	780	2,370	22.8	31	0	0	11,719	0	N/A
2020	(97232) Basin Mancos	Dec	853	2,110	81.5	31	0	0	12,036	0	N/A
2020	(97232) Basin Mancos	Nov	679	2,069	31.4	30	0	0	9,602	0	N/A
2020	(97232) Basin Mancos	Oct	778	1,730	10.4	31	0	0	11,602	0	N/A

WELL: Chaco 2308-03E 403H

API: 30-045-35588

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2020	(97232) Basin Mancos	Mar	741	4,168	143	31	0	0	6,298	0	N/A
2020	(97232) Basin Mancos	Feb	695	4,140	137	29	0	0	5,631	0	N/A
2020	(97232) Basin Mancos	Jan	644	2,380	112	31	0	0	6,765	0	N/A
2019	(97232) Basin Mancos	Dec	725	8,196	150	31	0	0	5,950	0	N/A
2019	(97232) Basin Mancos	Nov	664	5,975	122	30	0	0	6,499	0	N/A
2019	(97232) Basin Mancos	Oct	731	6,468	128	31	0	0	6,673	0	N/A

WELL: Chaco 2308-03L 404H

API: 30-045-35539

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2020	(97232) Basin Mancos	Mar	736	4,262	221	31	0	0	5,365	0	N/A
2020	(97232) Basin Mancos	Feb	498	761	99	29	0	0	6,282	0	N/A
2020	(97232) Basin Mancos	Jan	113	905	1	31	0	0	9,562	0	N/A
2019	(97232) Basin Mancos	Dec	403	710	100	31	0	0	6,066	0	N/A
2019	(97232) Basin Mancos	Nov	603	3,389	170	30	0	0	5,245	0	N/A
2019	(97232) Basin Mancos	Oct	610	3,875	206	31	0	0	5,449	0	N/A

WELL: Chaco 2308-03L 405H

API: 30-045-35538

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2020	(97232) Basin Mancos	Mar	685	3,865	87	31	0	0	5,106	0	N/A
2020	(97232) Basin Mancos	Feb	636	4,404	74	29	0	0	4,555	0	N/A
2020	(97232) Basin Mancos	Jan	648	2,973	73	31	0	0	5,595	0	N/A
2019	(97232) Basin Mancos	Dec	587	932	86	31	0	0	9,845	0	N/A
2019	(97232) Basin Mancos	Nov	658	988	109	30	0	0	9,172	0	N/A
2019	(97232) Basin Mancos	Oct	689	982	114	31	0	0	8,767	0	N/A



Enduring Resources

1050 17th Street, Suite 2500 Denver, CO 80265
Telephone 303 573-1222 Fax 303 573 0461

May 14, 2021

Mr. Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Dept.
1220 South St. Francis Drive, Santa Fe, New Mexico 87505

RE: Application of Enduring Resources, LLC to amend Administrative Pool/Lease
Commingling Order PLC-411, dated December 4, 2014, San Juan County, New Mexico

Dear Mr. McClure:

Enduring Resources, LLC ("Enduring") seeks approval for the amendment of Administrative Pool/Lease Commingling Order PLC-411, dated December 4, 2014, San Juan County, New Mexico (copy attached), in order to surface commingle the production from three (3) additional wells on one of the two federal leases subject to the order. Enduring is the successor in interest to WPX Energy Production, LLC and the current operator of all six wells to be surface commingled at the facility located on the Chaco 2308-04P #149H well pad. The surface facility for the Chaco 2308-03E #403H, Chaco 2308-03L #404H, and the Chaco 2308-03L #405 wells has been consolidated with the surface facility for the three wells subject to Order PLC-411. The LACT unit for the additional three wells has been moved and added to the #149H facility to accommodate the additional production, as shown on the schematic diagram of the facility attached to the amended application. All production is from the same two federal leases that are subject to Order PLS-411 and from the same two pools: the Nageezi Gallup Oil Pool (47540) in the S/2 Section 3-T23N-R8W and the Basin Mancos Gas Pool (97232) in the S/2 Section 4-T23N-R8W. Production from each of these leases will be separately metered, and none of the production from these two separate leases will be transported off lease or otherwise commingled prior to being measured.

Pursuant to Statewide Rule 19.15.12.10 (C) (4)(g), Enduring respectfully requests the option to include additional future pools or leases that may be served in the future from the Chaco 2308-04P #149H surface facility, and requests authority to add additional wells contained within approved spacing units on the two leases subject to Order PLC-411 by filing a Sundry Notice C-103 and C-102 Plats together with an Amendment with the NMOCD. Notice to interest owners shall not be required when amending the application to add future pools or wells.

Prior notice and approval of the movement of the pipeline LACT unit for the three additional wells by the BLM as surface and royalty owner is attached to the application. The commingled oil and gas production shall be measured and sold at the Chaco 2308-04P #149H central tank battery located in Unit P, Section 4-T23N-R8W, San Juan County, New Mexico.

A copy of this application with all attachments is being sent by email or overnight delivery to each of the owners of an interest in the six wells advising them that if they have an objection they must file it in writing with the division within 20 days from the date the division receives the application.

If you have any questions about the application or need additional information, please contact me directly at 303-350-5107 or at acampbell@enduringresources.com.

Your attention to this matter is appreciated.

Sincerely,

ENDURING RESOURCES, LLC



Alex B. Campbell
Vice President Land

Encl.

Exhibit (D) (2)

Amended Application for Surface Commingling Form C-107-B

Wells to be served by Pipeline LACT Unit:

- BLM Lease No. NMNM-18463, 320 acres, Section 3-T23N-R8W, San Juan County, New Mexico
- 1) Chaco 2308-04P #149H, API No. 30-045-35495
- 2) Chaco 2308-04P #150H, API No. 30-045-35497
- BLM Lease No. NMNM-109398, 639.6 acres, Section 4-T23N-R8W, San Juan County, New Mexico
- 3) Chaco 2308-04P #406H, API No. 30-045-35587
- 4) Chaco 2308-03E #403H, API No. 30-045-35588
- 5) Chaco 2308-03L #404H, API No. 30-045-35539
- 6) Chaco 2308-03L #405H, API No. 30-045-35538.

Working Interest Owner: Enduring Resources IV, LLC – 100%

Royalty Owner: U.S.A. Office of Natural Resources Revenue

Overriding Royalty Interest Owners:

JMJ Land and Minerals Company
Attn.: James Strickler
2204 N. Santiago Ave.
Farmington, New Mexico 87401-9063
jamesstrickler@msn.com
505-402-3248

Harris D. Butler III
1500 Confederate Ave.
Richmond, Virginia 23227-4406
804-359-8071

EOG Resources, Inc.
Attn. Daniel Koury
105 S. Fourth Street
Artesia, New Mexico 88210
Daniel_Koury@eogresources.com
575-748-4145

Mazzola & Company, LLP
C/O Marion M. Mazzola
14624 Fenton Street
Broomfield, Colorado 80020
marionmmazzola@yahoo.com

Well Name: CHACO 2308-04P	Well Location: T23N / R8W / SEC 4 / SESE / 36.25259 / 107.6788	County or Parish/State: SAN JUAN / NM
Well Number: 149H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM18463	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004535495	Well Status: Producing Gas Well	Operator: ENDURING RESOURCES LLC

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Facility
Date Sundry Submitted: 02/10/2021	Time Sundry Submitted: 01:40
Date proposed operation will begin: 02/11/2021	

Procedure Description: Enduring Resources IV, LLC plans to route produced fluids using subsurface utilities from the Chaco 2308 03L well pad and to the existing facilities on the Chaco 2308 04P well pad. The entire utility corridor is located in Sections 03 and 04 of T23N, R08W and is approx. 1,395.9 feet long. This NOI addresses the portion of the corridor within Section 04 only (O&G Lease # NMNM 18463). A separate NOI has been submitted to address the project area in Section 03 (O&G Lease # NMNM 109398).). The utility corridor in Section 04 will measure approximately 30 feet wide by 1,194 feet long and is located between the existing Chaco 2308 03L and Chaco 2308 04P #149H well pads. Both well pads are leased and operated by Enduring. The utilities include the following: A flowline that will transport a mixture of oil, condensate, natural gas, and produced water from the Chaco 2308 03L well pad to the Chaco 2308 04P well pad; A natural gas pipeline that will transport natural gas from the production facilities on the Chaco 2308 04P well pad to the 2 wells on the Chaco 2308 03L well pad for gas lift pumping; A fiber optic line that will transmit data from the control system on the Chaco 2308 03L well pad to the Chaco 2308 04P well pad main panel; An electric powerline that will consist of 3 individual wires to provide power from the Chaco 2308 04P well pad to the Chaco 2308 03L well pad's control system, control valves, & instruments. In addition, an additional separator will be installed within the existing facility footprint on the Chaco 2308 04P well pad for the produced fluids coming from the Chaco 2308 03L wells. An updated facilities diagram will be submitted to the BLM within 60 days of installation. Please refer to the attached Plan of Development, Plats, and Reclamation Plan for additional project details.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Well Name: CHACO 2308-04P	Well Location: T23N / R8W / SEC 4 / SESE / 36.25259 / 107.6788	County or Parish/State: SAN JUAN / NM
Well Number: 149H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM18463	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004535495	Well Status: Producing Gas Well	Operator: ENDURING RESOURCES LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: HYDE	Signed on: FEB 10, 2021 01:39 PM
Name: ENDURING RESOURCES LLC	
Title: Geologist	
Street Address: 1050 17TH ST STE 2500	
City: DENVER	State: CO
Phone: (505) 386-8205	
Email address: afelix@enduringresources.com	

Field Representative

Representative Name: Deidre Duffy		
Street Address: 848 E 2ND AVE		
City: Durango	State: CO	Zip: 81301
Phone: (808)352-0200		
Email address: deidre.duffy@wsp.com		

BLM Point of Contact

BLM POC Name: RYAN JOYNER	BLM POC Title: Physical Scientist
BLM POC Phone: 9703851242	BLM POC Email Address: rjoyner@blm.gov
Disposition: Approved	Disposition Date: 02/11/2021
Signature: Ryan Joyner	

Well Name: CHACO 2308-03L	Well Location: T23N / R8W / SEC 3 / NWSW / 36.255189 / 107.677788	County or Parish/State: SAN JUAN / NM
Well Number: 404H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM109398	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004535539	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Facility
Date Sundry Submitted: 02/10/2021	Time Sundry Submitted: 01:19
Date proposed operation will begin: 02/11/2021	

Procedure Description: Enduring Resources plans to route produced fluids using subsurface utilities from the Chaco 2308 03L well pad and to the existing facilities on the Chaco 2308 04P well pad. The entire utility corridor is located in Sections 03 and 04 of T23N, R08W and is approx. 1,395.9 feet long. This NOI addresses the portion of the corridor within Section 03 only (O&G Lease # NMNM 109398). A separate NOI has been submitted to address the project area in Section 04 (O&G Lease # NMNM 18463). The utility corridor in Section 03 will measure approximately 30 feet wide by 201.9 feet long and is located between the existing Chaco 2308 03L and Chaco 2308 04P #149H well pads. Both well pads are leased and operated by Enduring The utilities include the following: A flowline that will transport a mixture of oil, condensate, natural gas, and produced water from the Chaco 2308 03L well pad to the Chaco 2308 04P well pad; A natural gas pipeline that will transport natural gas from the production facilities on the Chaco 2308 04P well pad to the 2 wells on the Chaco 2308 03L well pad for gas lift pumping; A fiber optic line that will transmit data from the control system on the Chaco 2308 03L well pad to the Chaco 2308 04P well pad main panel; An electric powerline that will consist of 3 individual wires to provide power from the Chaco 2308 04P well pad to the Chaco 2308 03L well pad's control system, control valves, & instruments. In addition, surface production facilities and equipment related to the Chaco 2308 03L #404H well site have been removed to address soil impacts from a produced-water pipeline leak on the well pad in August 2020. The well pad will be reduced in size to approximately 3 acres following remediation activities. Please refer to the attached Plan of Development, Plats, and Reclamation Plan for additional project details.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

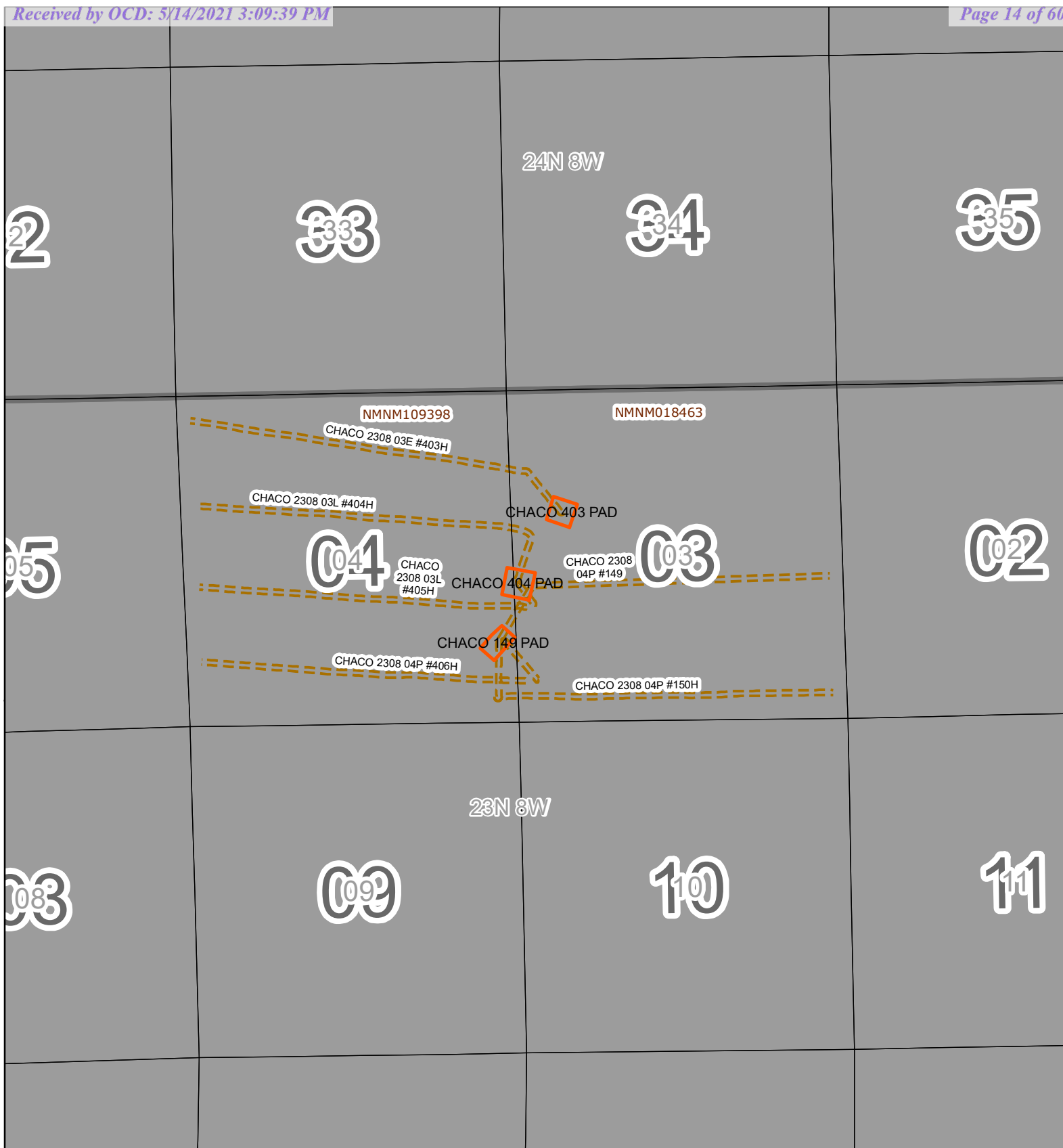
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- POD_Chaco_2308_03L___All_Uilities_210208_20210210124107.pdf

Well Name: LYBROOK 2308-03L	Well Location: T23N / R8W / SEC 3 / NWSW / 36.255189 / 107.677788	County or Parish/State: SAN JUAN / NM
Well Number: 404H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM109398	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004535539	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

404_Chaco_ProjectExtentMap_201123_20210210124106.pdf

BLM Point of Contact

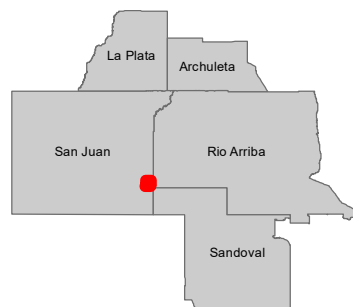
BLM POC Name: DAVE J MANKIEWICZ	BLM POC Title: AFM-Minerals
BLM POC Phone: 5055647761	BLM POC Email Address: DMANKIEW@BLM.GOV
Disposition: Approved	Disposition Date: 03/09/2021
Signature: Dave J Mankiewicz	



Chaco2308 Lease Plat Map

- Wellbores
- Section
- PADS
- Township

Miles



ENDURING
RESOURCES, LLC

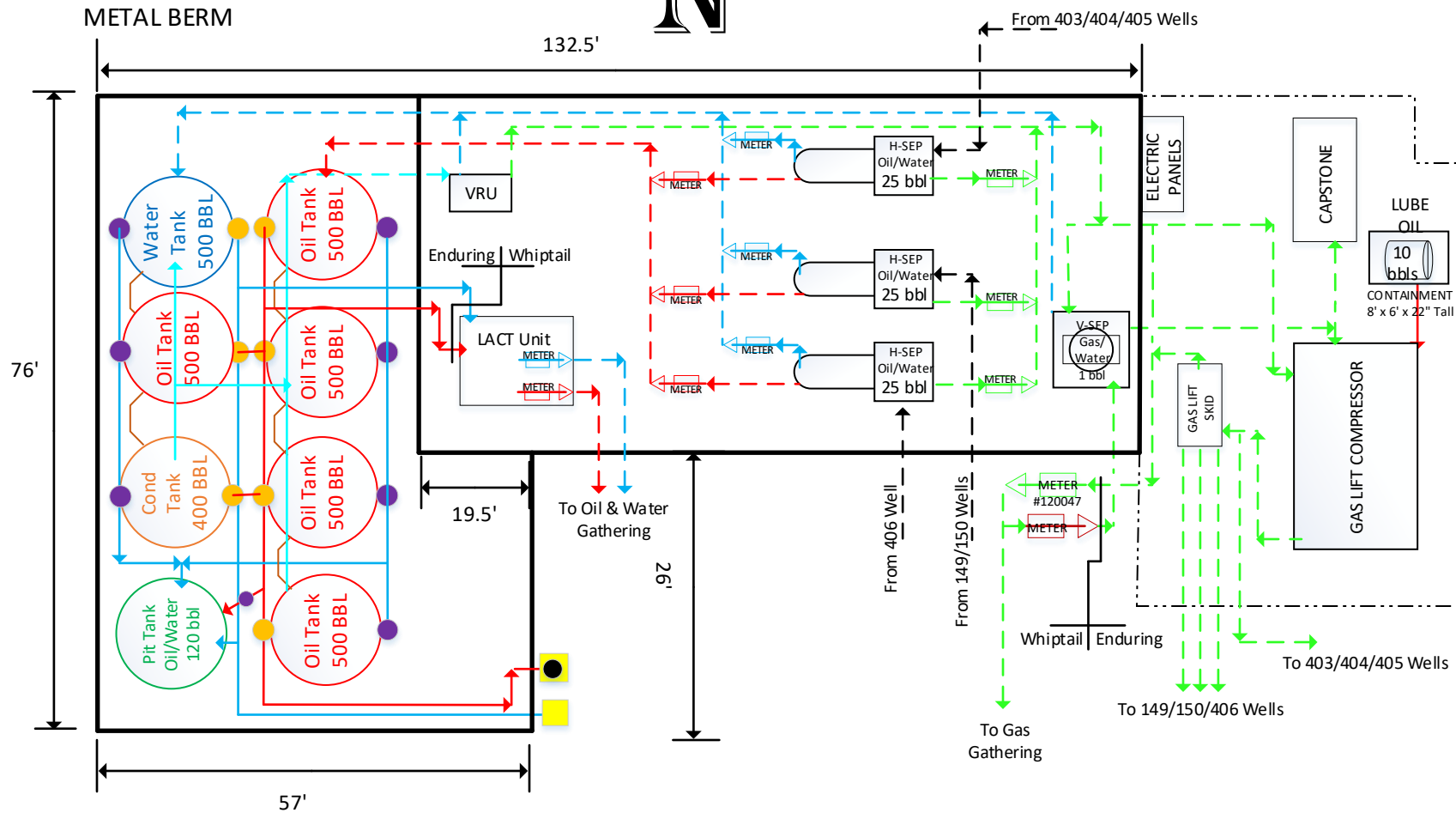
Data Source Statement:
BLM-FFO, Enduring Resources GIS, ESRI Inc.,
NCE Surveys, USGS

Author: drogers

Date: 4/8/2021



SITE ENTRANCE



Revised By: RMM
Date: 5/13/2021

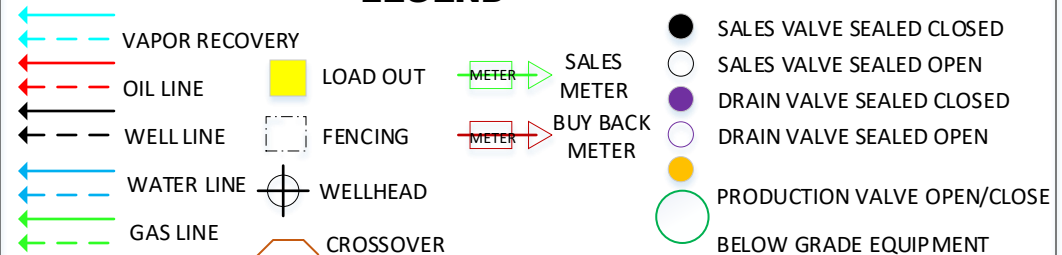


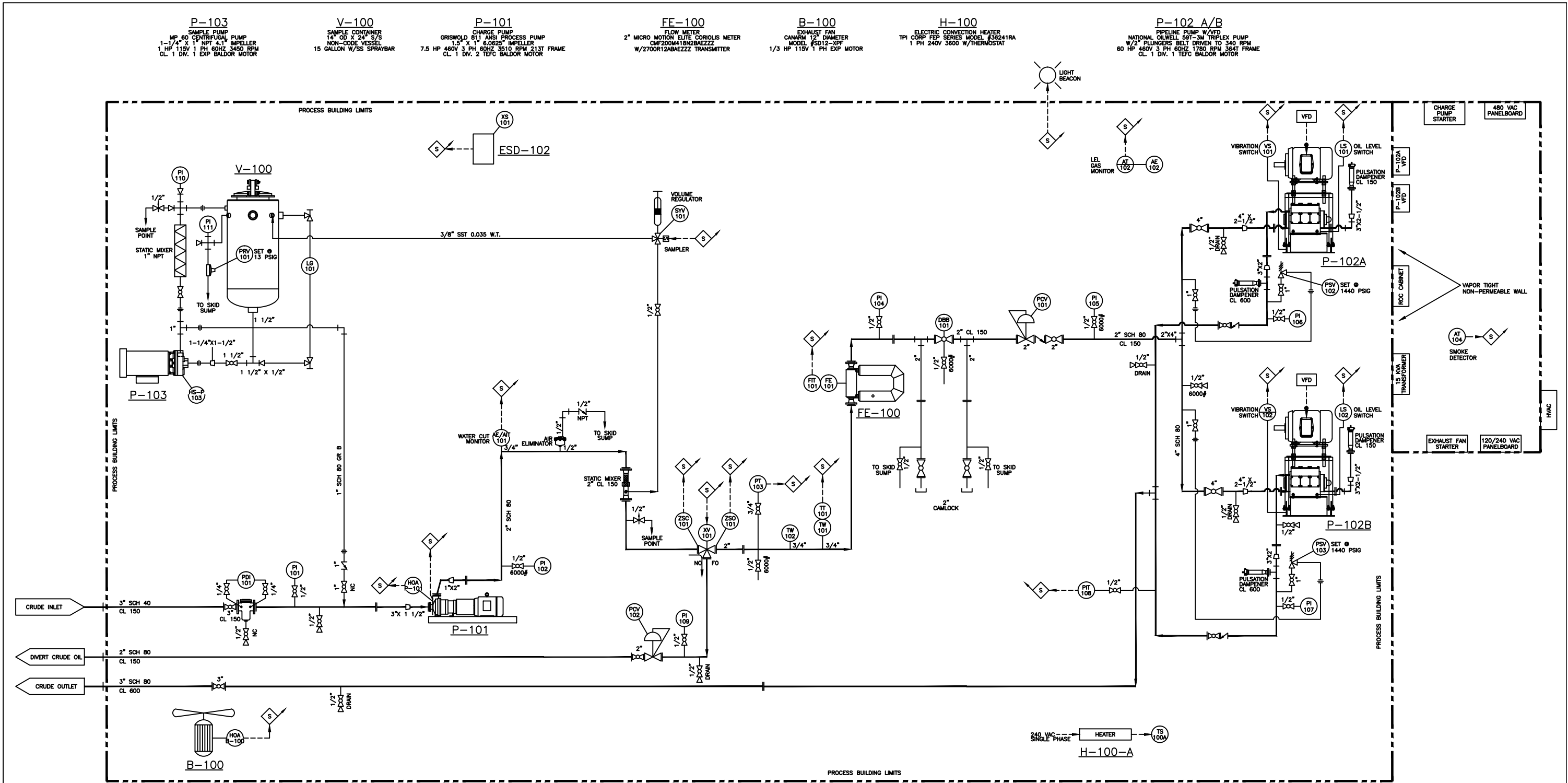
ENDURING RESOURCES, LLC

SITE FACILITY DIAGRAM

Site Name: Chaco 2308 04P 149H PAD
Wells: Chaco 2308-04P 149H, 150H, 406H, Chaco 2308 03E 403H, Chaco 2308 03L 404H, 405H
API: 30-045-35495, 35497, 35587, 35588, 35539, 35538
Sec.4P, Twn. 23N, Rge. 8W
San Juan, New Mexico
Lease: NMNM18463, NMNM109398
Lat: 36.2525908, Long: -107.6788

LEGEND





REV	XX-XX-XX				
DATE	XX-XX-XX				
BY	XXXX				
APP					
CHK					
DES					
LOC					
REV	X				

pesco
process equipment & service company inc

ALL INFORMATION CONTAINED IN THIS DRAWING, WHETHER PATENTABLE OR NON-PATENTABLE, IS OF A PROPRIETARY NATURE AND IS THE SOLE PROPERTY OF PESCO, INC. REPRODUCTION OR ANY OTHER USE WITHOUT THE EXPRESSED WRITTEN CONSENT OF PESCO, INC. IS STRICTLY PROHIBITED.

PIPING & INSTRUMENT DIAGRAM

WPX ENERGY	SCALE: NONE	DRAWN BY: McK
DRAFTING CHECKED BY:	DATE	REVISED
O.C. CHECKED BY:	DATE	DWG. NO.
MATERIAL CONTROL CHECKED BY:	DATE	
PRODUCTION CHECKED BY:	BOM #	DATE
ENGINEERING APPROVED BY:	DATE	
DATE: 06-15-19	PRODUCTION MANAGER APPROVED BY:	DATE

H094
85-3-0

Revised August 1, 2011

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

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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

☒ AMENDED REPORT

AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-35588	² Pool Code 97232	³ Pool Name BASIN MANCOS
⁴ Property Code 321222	⁵ Property Name CHACO 2308-03E	⁶ Well Number 403H
⁷ OGRID No. 372286	⁸ Operator Name ENDURING RESOURCES, LLC	⁹ Elevation 6892'

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
E	3	23N	8W		1906	NORTH	817	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
D	4	23N	8W	4	329	NORTH	231	WEST	SAN JUAN

¹² Dedicated Acres 159.60 Acres N/2 N/2 - Section 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

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

LAT: 36.262687°N
LONG: 107.695413°W
DATUM: NAD1983

BASE PERFORATION
346' FNL 338' FWL
SECTION 4, T23N, R8W
LAT: 36.262626°N
LONG: 107.694436°W
DATUM: NAD1927

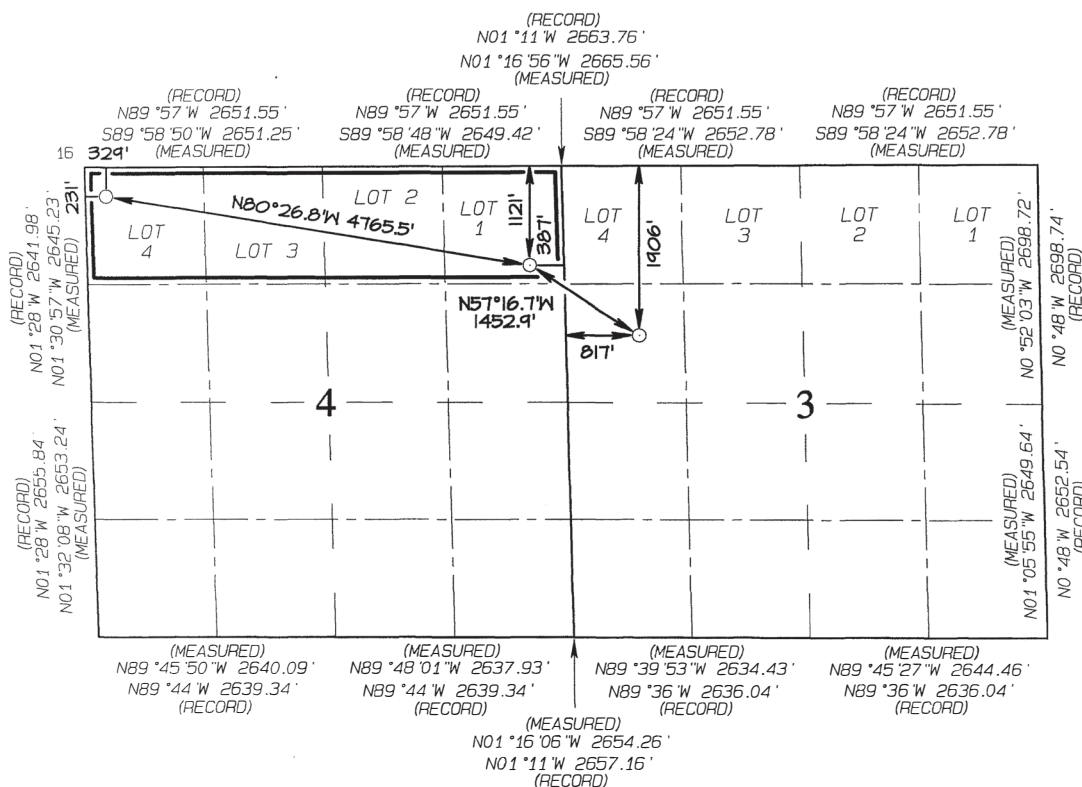
LAT: 36.262639°N
LONG: 107.695048°W
DATUM: NAD1983

POINT-OF-ENTRY
1121' FNL 387' FWL
SECTION 4, T23N, R8W
LAT: 36.260482°N
LONG: 107.678865°W
DATUM: NAD1927

LAT: 36.260495°N
LONG: 107.679476°W
DATUM: NAD1983

SURFACE LOCATION
1906' FNL 817' FWL
SECTION 3, T23N, R8W
LAT: 36.258319°N
LONG: 107.674724°W
DATUM: NAD1927

LAT: 36.258332°N
LONG: 107.675335°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: 4/8/21

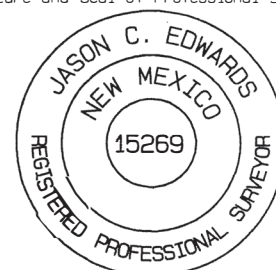
Printed Name
hhuntington@enduringresources.com
E-mail Address

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

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

DISTRICT I1625 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) 476-3462State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, N.M. 87505**"AS DRILLED"**

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ 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

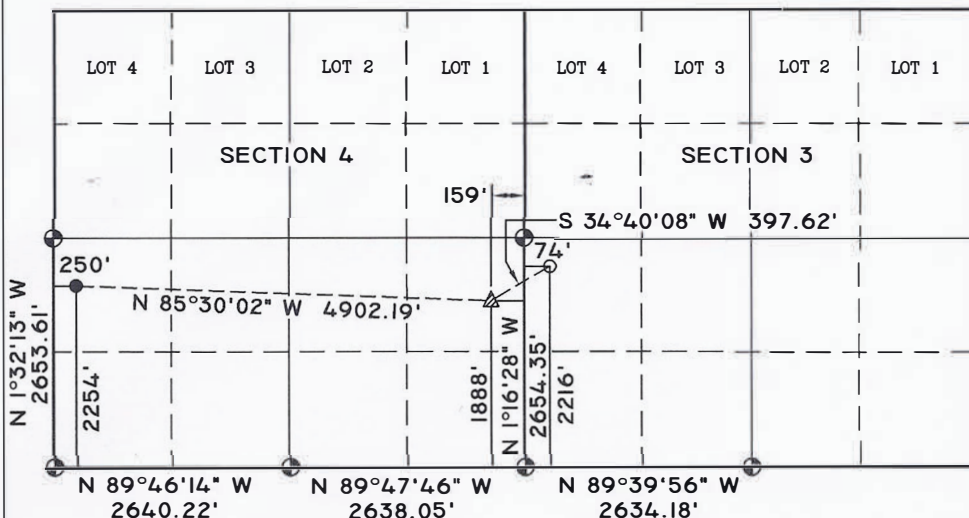
¹¹ Bottom Hole Location If Different From Surface

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

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

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

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

Signature and Seal of Professional Surveyor

Signature and Seal of Professional Surveyor

Signature and Seal of Professional Surveyor

Signature and Seal of Professional Surveyor

Signature and Seal of Professional Surveyor

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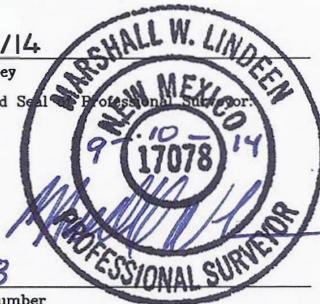
Signature and Seal of Professional Surveyor

Signature and Seal of Professional Surveyor

Signature and Seal of Professional Surveyor

Signature and Seal of Professional Surveyor

Signature and Seal of Professional Surveyor



17078

Certificate Number
United Field Services, Inc.

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
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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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

Form C-102

Revised August 1, 2011

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 OGRID 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

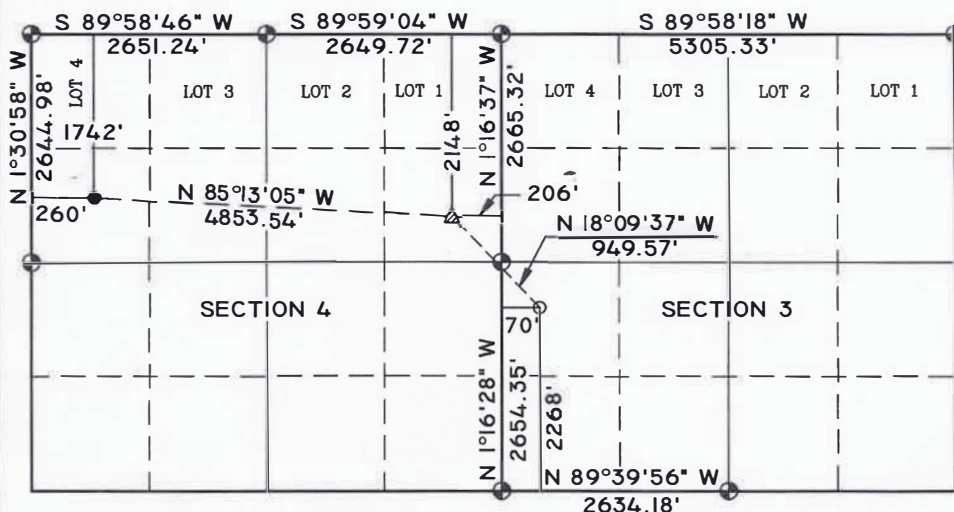
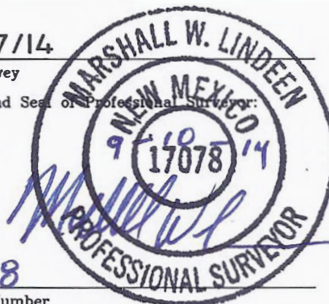
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

03/27/14

Date of Survey

Signature and Seal of Professional Surveyor

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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OIL CONSERVATION DIVISION

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Santa Fe, NM 87505

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☐ 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

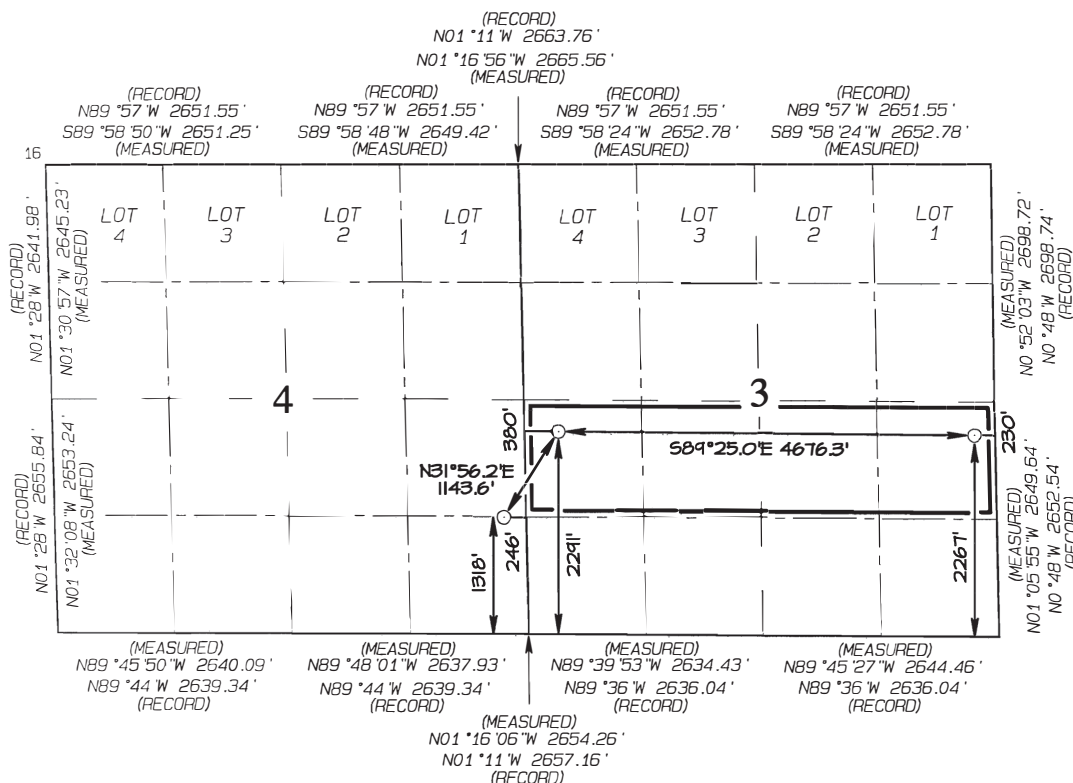
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	23N	8W		1318	SOUTH	246	EAST	SAN JUAN

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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SURFACE LOCATION
1318' FSL 246' FEL
SECTION 4, T23N, R8W
LAT: 36.25257°N
LONG: 107.67819°W
DATUM: NAD1927

LAT: 36.25259°N
LONG: 107.67880°W
DATUM: NAD1983

POINT-OF-ENTRY
2291' FSL 380' FWL
SECTION 3, T23N, R8W
LAT: 36.25524°N
LONG: 107.67613°W
DATUM: NAD1927

LAT: 36.25525°N
LONG: 107.67674°W
DATUM: NAD1983

BOTTOM-HOLE
2267' FSL 230' FEL
SECTION 3, T23N, R8W
LAT: 36.25508 °N
LONG: 107.66027 °W
DATUM: NAD1927

LAT: 36.25510 °N
LONG: 107.66088 °W
DATUM: NAD1983

17 OPERATOR CERTIFICATION

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Heath H 4/8/21

Signature _____ Date _____
Heather Huntington

Printed Name
hhuntington@enduringresources.com

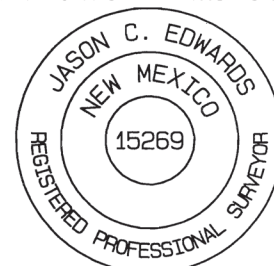
E-mail Address

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: APRIL 2, 2014
Survey Date: AUGUST 19, 2013

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number 15269

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☐ 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

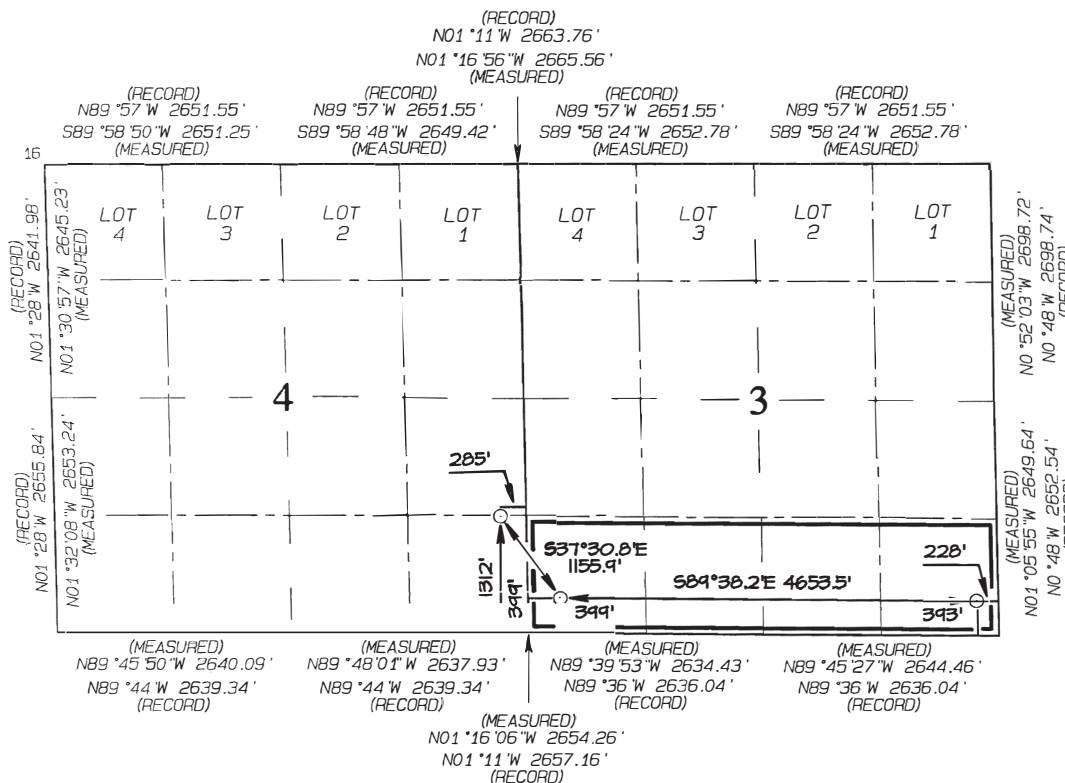
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	23N	8W		1312	SOUTH	285	EAST	SAN JUAN

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	23N	8W		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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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
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 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

LAT: 36.25257°N
LONG: 107.67893°W
DATUM: NAD1983

POINT-OF-ENTRY
399' FSL 399' FWL
SECTION 3, T23N, R8W
LAT: 36.25004°N
LONG: 107.67593°W
DATUM: NAD1927

LAT: 36.25005°N
LONG: 107.67655°W
DATUM: NAD1983

BOTTOM-HOLE
393' FSL 228' FEL
SECTION 3, T23N, R8W
LAT: 36.24993°N
LONG: 107.66015°W
DATUM: NAD1927

LAT: 36.24995°N
LONG: 107.66076°W
DATUM: NAD1983

Revised August 1, 2011

Submit one copy to
Appropriate District Office

☐ AMENDED REPORT

AS DRILLED

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

1220 South St. Francis Drive
Santa Fe, NM 87505

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 '

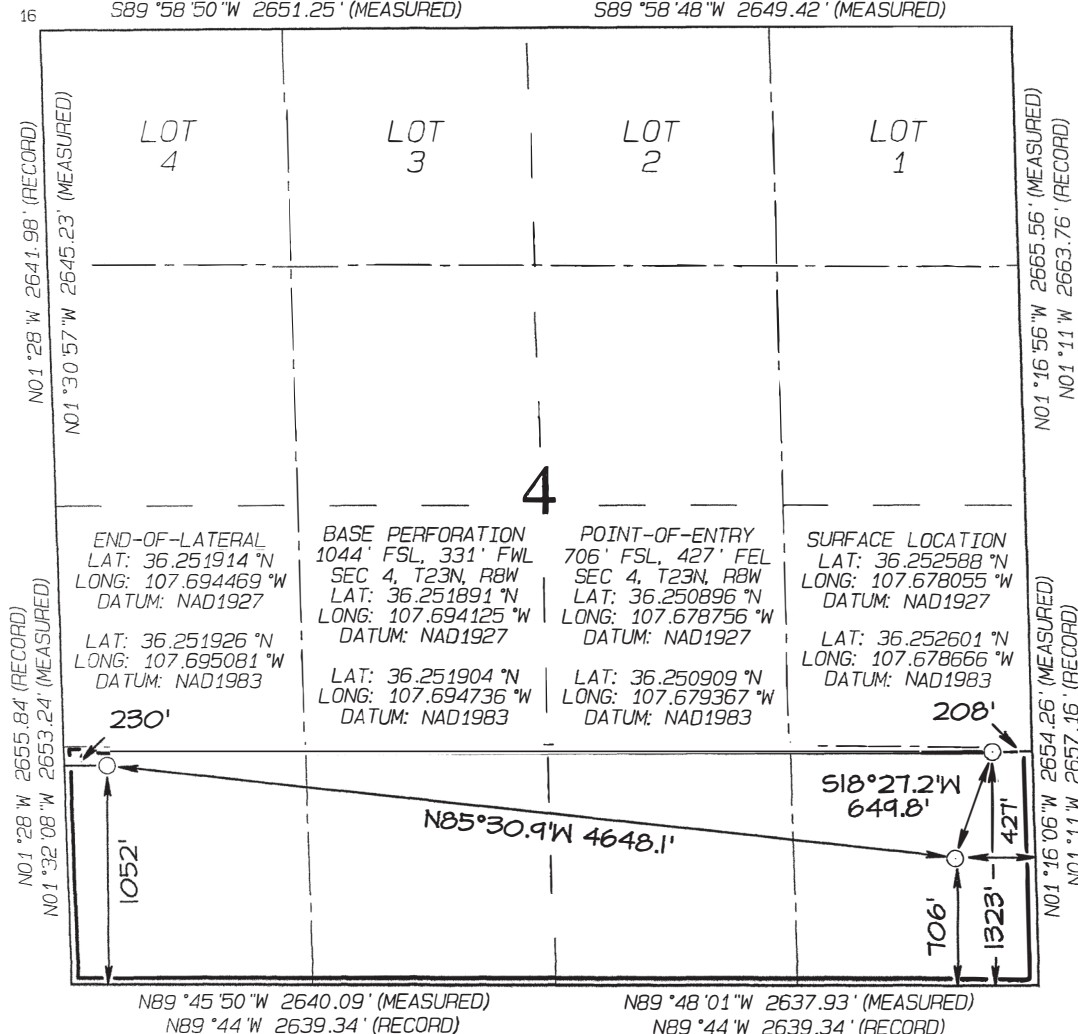
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	23N	8W		1323	SOUTH	208	EAST	SAN JUAN

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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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

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



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

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
Certificate Number 15269



Enduring Resources

1050 17th Street, Suite 2500 Denver, CO 80265
Telephone 303 573-1222 Fax 303 573 0461

May 17, 2021

Mr. Harris D. Butler III
1500 Confederate Ave.
Richmond, Virginia 23227-4406

RE: Chaco 2308-04P #149 Well, San Juan County, New Mexico
Application of Enduring Resources, LLC to amend Administrative Pool/Lease
Commingle Order PLC-411, dated December 4, 2014

Dear Mr. Butler:

According to our records, you own an overriding royalty interest ("ORRI") in the captioned well. Enduring Resources, LLC ("Enduring") is seeking approval from the New Mexico Oil Conservation Division ("NMOCD") for the amendment of Administrative Pool/Lease Commingle Order PLC-411, dated December 4, 2014, San Juan County, New Mexico, in order to surface commingle the production from three (3) additional wells on one of the two federal leases subject to the order. Enduring is the successor in interest to WPX Energy Production, LLC and the current operator of all six wells to be surface commingled at the facility located on the Chaco 2308-04P #149H well pad. A copy of the application, which was filed on Friday, May 14, 2021, is enclosed for your review.

The surface facility for the Chaco 2308-03E #403H, Chaco 2308-03L #404H, and the Chaco 2308-03L #405 wells has been consolidated with the surface facility for the three wells subject to Order PLC-411. The LACT unit (separates oil, gas and water) for the additional three wells has been moved and added to the #149H facility to accommodate the additional production, as shown on the schematic diagram of the facility attached to the amended application. All production is from the same two federal leases that are subject to Order PLS-411 and from the same two pools: the Nageezi Gallup Oil Pool (47540) in the S/2 Section 3-T23N-R8W and the Basin Mancos Gas Pool (97232) in the S/2 Section 4-T23N-R8W. Production from each of these leases will be separately metered, and none of the production from these two separate leases will be transported off lease or otherwise commingled prior to being measured. The commingled oil and gas production shall be measured and sold at the Chaco 2308-04P #149H central tank battery located in Unit P, Section 4-T23N-R8W, San Juan County, New Mexico.

Pursuant to Statewide Rule 19.15.12.10 (C) (4)(g), Enduring has requested the option to include additional pools or leases that may be served in the future from the Chaco 2308-04P

#149H surface facility, and has requested authority to add additional wells contained within approved spacing units on the two leases subject to Order PLC-411 by filing a Sundry Notice C-103 and C-102 Plats together with an Amendment with the NMOCD. Notice to interest owners shall not be required when amending the application to add future pools or wells.

The purpose of this letter is to provide you, as an ORRI owner, with notice of the movement of the pipeline LACT unit for the three additional wells. If you have an objection, you must file it in writing with the division within 20 days from the date the division receives the application (5/14/21).

Because the well has been shut in during the consolidation of the surface facilities, Enduring would like to get the well back to sales as quickly as possible, which requires approval of the NMOCD. **IF YOU DO NOT INTEND TO FILE AN OBJECTION, Enduring would appreciate it if you would respond by email to aashland@enduringresources.com, or by returning the enclosed statement in the overnight envelope provided.**

If you have any questions about the application or need additional information, please contact me directly at 303-350-5116 or at aashland@enduringresources.com.

Your attention to this matter is appreciated.

Sincerely,

ENDURING RESOURCES, LLC



Anita Ashland
Senior Landman

Encl.

I acknowledge receipt of the enclosed notice and application for amendment to the commingling order, and I do not intend to file an objection with the NMOCD.

Harris D. Butler III

Date: _____

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Enduring Resources, LLC **OGRID Number:** 372286
Well Name: Chaco 2308 04P #149H and others **API:** 30-045-35495
Pool: Nageezi Gallup; Basin Mancos **Pool Code:** 47540; 97232

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC☐ CTB☒ PLC☐ PC☐ OLS☐ OLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☐ Offset operators or lease holdersB. ☒ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☒ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐ Notice Complete☐ Application
Content
Complete

3) CERTIFICATION: I hereby certify that the information submitted with this application for
 administrative approval is **accurate** and **complete** to the best of my knowledge. I also
 understand that **no action** will be taken on this application until the required information and
 notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Alex Campbell

Print or Type Name

Signature

5/14/21

Date

(303)350-5107

Phone Number

acampbell@enduringresources.com

e-mail Address

District I

1625 N. French Drive, Hobbs, NM 88240

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

District IV

1220 S. St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department**OIL CONSERVATION DIVISION**1220 S. St Francis Drive
Santa Fe, New Mexico 87505Form C-107-B
Revised August 1, 2011Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**OPERATOR NAME: Enduring Resources, LLCOPERATOR ADDRESS: 1050 17th Street Suite 2500 Denver, CO 80265

APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)LEASE TYPE: ☐ Fee ☐ State ☒ FederalIs this an Amendment to existing Order? ☒ Yes ☐ No If "Yes", please include the appropriate Order No. PLC-411

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling

☒ Yes ☐ No**(A) POOL COMMINGLING**
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

(2) Are any wells producing at top allowables? ☐ Yes ☐ No(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No(4) Measurement type: ☒ Metering ☐ Other (Specify)(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved**(B) LEASE COMMINGLING**
Please attach sheets with the following information

(1) Pool Name and Code.

(2) Is all production from same source of supply? ☐ Yes ☐ No(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No(4) Measurement type: ☒ Metering ☐ Other (Specify)**(C) POOL and LEASE COMMINGLING**
Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information(1) Is all production from same source of supply? ☐ Yes ☐ No

(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.

(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.

(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: TITLE: Vice President of Land DATE: 5/14/21TYPE OR PRINT NAME Alex CampbellTELEPHONE NO.: (303)350-5107E-MAIL ADDRESS: acampbell@enduringresources.com



Enduring Resources, LLC
1050 17th Street, Suite 2500
Denver, CO 80265
(303) 573-1222

APPLICATION FOR SURFACE POOL/LEASE COMMINGLING

Enduring Resources, LLC. ("Enduring") respectfully requests approval to amend PLC-411 to surface pool/lease commingle oil & gas from all existing wells in Section 03 and Section 04 in Township 24 N, Range 8 West within the Nageezi Gallup and Basin Mancos pools listed below, for Leases NMNM18463 & NMNM109398. These spacing units are initially dedicated to the following wells:

Site Name: Chaco 2308 04P 149H PAD

Wells: Chaco 2308-04P 149H, 150H, 406H, Chaco 2308 03E 403H, Chaco 2308 03L 404H, 405H

API: 30-045-35495, 35497, 35587, 35588, 35539, 35538

Sec.04, Twn. 23N, Rge. 8W

San Juan, New Mexico

Lease: NMNM18463, NMNM109398

Lat: 36.2525908, Long: -107.6788

Well Name	Location	API #	Pool	Oil BPD	Gravities	MSCFD	BTU
Chaco 2308-04P 149H	P-4-23N-08W	30-045-35495	(47540) Nageezi Gallup	19.5	41.7	67.2	1,501
Chaco 2308-04P 150H	P-4-23N-08W	30-045-35497	(47540) Nageezi Gallup	18.9	41.7	81.8	1,506
Chaco 2308-04P 406H	P-4-23N-08W	30-045-35587	(97232) Basin Mancos	24.4	41.7	62.8	1,496
Chaco 2308-03E 403H	E-3-23N-08W	30-045-35588	(97232) Basin Mancos	22.9	42.5	171	1,548
Chaco 2308-03L 404H	L-3-23N-08W	30-045-35539	(97232) Basin Mancos	16.2	42.5	75.6	1,546
Chaco 2308-03L 405H	L-3-23N-08W	30-045-35538	(97232) Basin Mancos	21.3	42.5	77.8	1,547

FUTURE ADDITIONS:

Pursuant to Statewide Rule 19.15.12.10 (C) (4)(g), Enduring respectfully requests the option to include additional future pools or leases that may be served in the future from the Chaco 2308-04P #149H surface facility, and requests authority to add additional wells contained within approved spacing units on the two leases subject to Order PLC-411 by filing a Sundry Notice C-103 and C-102 Plats together with an Amendment with the NMOCD. Notice to interest owners shall not be required when amending the application to add future pools or wells.

PROCESS AND FLOW DESCRIPTIONS:

Production from the 406 well flows into a dedicated 3-phase separator. Production from the 149 well and 150 well combine into a single line and flow into a 3-phase separator. Production from the 403 well, 404 well and 405 well combine into a single line and flow into a 3-phase separator. All separators are located at the Chaco 149 CTB.

The 3-phase separators will: accept the mixture of oil/gas/water and separate fluid into three independent streams (oil, gas, and water). The streams exiting the separator are measured via the following meter types:

Chaco 2308-04P 149H/150H gas allocation meter is an orifice meter (62384412*)

Chaco 2308-04P 406H gas allocation meter is an orifice meter (62309306*)

Chaco 2308-03E 403H, Chaco 2308-03L 404H/405H gas allocation is an orifice meter (62309298*)



Enduring Resources, LLC
1050 17th Street, Suite 2500
Denver, CO 80265
(303) 573-1222

Chaco 2308-04P 149H/150H oil allocation meter is a Coriolis meter (S/N 14435395)

Chaco 2308-04P 406H oil allocation meter is a Coriolis meter (S/N 14399129)

Chaco 2308-03E 403H, Chaco 2308-03L 404H/405H oil allocation is a Coriolis meter (S/N 14396873)

Water is measured via a turbine meter after each separator.

After gas is measured from each separator, it combines into a single header and routes to three major locations: compression, sales, and fuel gas. The majority of gas flows to the compressor where it is compressed to high pressure and utilized for gas lift injection. Prior to injection, gas is measured via an orifice meter. Any excess gas not compressed will bypass the compressor and route to sales; sales gas is measured by an orifice meter. A portion of gas also routes to the fuel gas scrubber to knock out liquids and route to various end users as a fuel source. All fuel gas is measured downstream of the scrubber.

After oil is measured from each separator, it combines into a single header and flows to (5) 500 BBL oil tanks. Similarly, after water is measured from each separator, it combines into a single header and flows to (1) 500 BBL water tank. Every tank utilizes guided wave radar to measure oil and water volumes. Flash gas from the tanks combine into a vent header routed to vapor recover unit (VRU). The VRU compresses this gas and is measured via an orifice meter prior to being routed to the sales header.

The oil combines from each tank and routes to a charge pump. Once enough oil accumulates, oil is pumped to the LACT unit via the charge pump. The inlet of the LACT acts as the custody transfer point for the Midstream Gatherer to measure and transport oil to their facilities. Any oil that does not meet specifications is rejected by the LACT and returned to the oil tanks.

From the water tank, water routes to the water pump within the LACT unit. The inlet of the LACT acts as the custody transfer point for the Midstream Gatherer to measure and transport the water. Once enough water accumulates, the water pump activates and boosts the water into the Midstream Gather's line and facilities.

*Gas Meter numbers provided are assigned by Enduring; Enduring is to follow up with serial numbers once collected from the field.



Enduring Resources, LLC
1050 17th Street, Suite 2500
Denver, CO 80265
(303) 573-1222

APPLICATION FOR, COMMINGLING AT A COMMONCENTRAL TANK BATTERY

Proposal for Chaco 149 COM CTB:

Enduring Resources, LLC is requesting approval to commingle the following wells in a common central tank battery:

Well Name	Location	API #	Pool	Oil BPD	Gravities	MSCFD	BTU
Chaco 2308-04P 149H	P-4-23N-08W	30-045-35495	(47540) Nageezi Gallup	19.5	41.7	67.2	1,501
Chaco 2308-04P 150H	P-4-23N-08W	30-045-35497	(47540) Nageezi Gallup	18.9	41.7	81.8	1,506
Chaco 2308-04P 406H	P-4-23N-08W	30-045-35587	(97232) Basin Mancos	24.4	41.7	62.8	1,496
Chaco 2308-03E 403H	E-3-23N-08W	30-045-35588	(97232) Basin Mancos	22.9	42.5	171	1,548
Chaco 2308-03L 404H	L-3-23N-08W	30-045-35539	(97232) Basin Mancos	16.2	42.5	75.6	1,546
Chaco 2308-03L 405H	L-3-23N-08W	30-045-35538	(97232) Basin Mancos	21.3	42.5	77.8	1,547

Well Name	Location	API #	Pool	Total Oil BPD	Calculated Gravity	Total MSCFD	Calculated BTU
Chaco 2308-04P 149H	P-4-23N-08W	30-045-35495	(47540) Nageezi Gallup	123	42.2	535.4	1529
Chaco 2308-04P 150H	P-4-23N-08W	30-045-35497	(47540) Nageezi Gallup				
Chaco 2308-04P 406H	P-4-23N-08W	30-045-35587	(97232) Basin Mancos				
Chaco 2308-03E 403H	E-3-23N-08W	30-045-35588	(97232) Basin Mancos				
Chaco 2308-03L 404H	L-3-23N-08W	30-045-35539	(97232) Basin Mancos				
Chaco 2308-03L 405H	L-3-23N-08W	30-045-35538	(97232) Basin Mancos				

PRODUCTION SUMMARY REPORTS

WELL: Chaco 2308-04P 149H

API: 30-045-35495

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2021	(47540) Nageezi Gallup	Mar	558	1,510	111	31	0	0	9,501	0	N/A
2021	(47540) Nageezi Gallup	Feb	519	2,060	117	28	0	0	8,538	0	N/A
2021	(47540) Nageezi Gallup	Jan	609	2,753	122	31	0	0	9,556	0	N/A
2020	(47540) Nageezi Gallup	Dec	638	2,224	186	31	0	0	9,837	0	N/A
2020	(47540) Nageezi Gallup	Nov	549	1,862	123	30	0	0	7,872	0	N/A
2020	(47540) Nageezi Gallup	Oct	677	1,794	196	31	0	0	9,453	0	N/A

WELL: Chaco 2308-04P 150H

API: 30-045-35497

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2021	(47540) Nageezi Gallup	Mar	552	2,041	97	31	0	0	8,349	0	N/A
2021	(47540) Nageezi Gallup	Feb	518	2,340	1505	28	0	0	7,792	0	N/A
2021	(47540) Nageezi Gallup	Jan	630	3,108	136	31	0	0	8,596	0	N/A
2020	(47540) Nageezi Gallup	Dec	617	2,434	185	31	0	0	8,814	0	N/A
2020	(47540) Nageezi Gallup	Nov	520	2,594	115	30	0	0	6,958	0	N/A
2020	(47540) Nageezi Gallup	Oct	615	2,357	148	31	0	0	8,494	0	N/A



Enduring Resources, LLC
1050 17th Street, Suite 2500
Denver, CO 80265
(303) 573-1222

WELL: Chaco 2308-04P 406H

API: 30-045-35587

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2021	(97232) Basin Mancos	Mar	703	1,233	1.47	31	0	0	11,689	0	N/A
2021	(97232) Basin Mancos	Feb	657	1,898	29.9	28	0	0	10,454	0	N/A
2021	(97232) Basin Mancos	Jan	780	2,370	22.8	31	0	0	11,719	0	N/A
2020	(97232) Basin Mancos	Dec	853	2,110	81.5	31	0	0	12,036	0	N/A
2020	(97232) Basin Mancos	Nov	679	2,069	31.4	30	0	0	9,602	0	N/A
2020	(97232) Basin Mancos	Oct	778	1,730	10.4	31	0	0	11,602	0	N/A

WELL: Chaco 2308-03E 403H

API: 30-045-35588

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2020	(97232) Basin Mancos	Mar	741	4,168	143	31	0	0	6,298	0	N/A
2020	(97232) Basin Mancos	Feb	695	4,140	137	29	0	0	5,631	0	N/A
2020	(97232) Basin Mancos	Jan	644	2,380	112	31	0	0	6,765	0	N/A
2019	(97232) Basin Mancos	Dec	725	8,196	150	31	0	0	5,950	0	N/A
2019	(97232) Basin Mancos	Nov	664	5,975	122	30	0	0	6,499	0	N/A
2019	(97232) Basin Mancos	Oct	731	6,468	128	31	0	0	6,673	0	N/A

WELL: Chaco 2308-03L 404H

API: 30-045-35539

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2020	(97232) Basin Mancos	Mar	736	4,262	221	31	0	0	5,365	0	N/A
2020	(97232) Basin Mancos	Feb	498	761	99	29	0	0	6,282	0	N/A
2020	(97232) Basin Mancos	Jan	113	905	1	31	0	0	9,562	0	N/A
2019	(97232) Basin Mancos	Dec	403	710	100	31	0	0	6,066	0	N/A
2019	(97232) Basin Mancos	Nov	603	3,389	170	30	0	0	5,245	0	N/A
2019	(97232) Basin Mancos	Oct	610	3,875	206	31	0	0	5,449	0	N/A

WELL: Chaco 2308-03L 405H

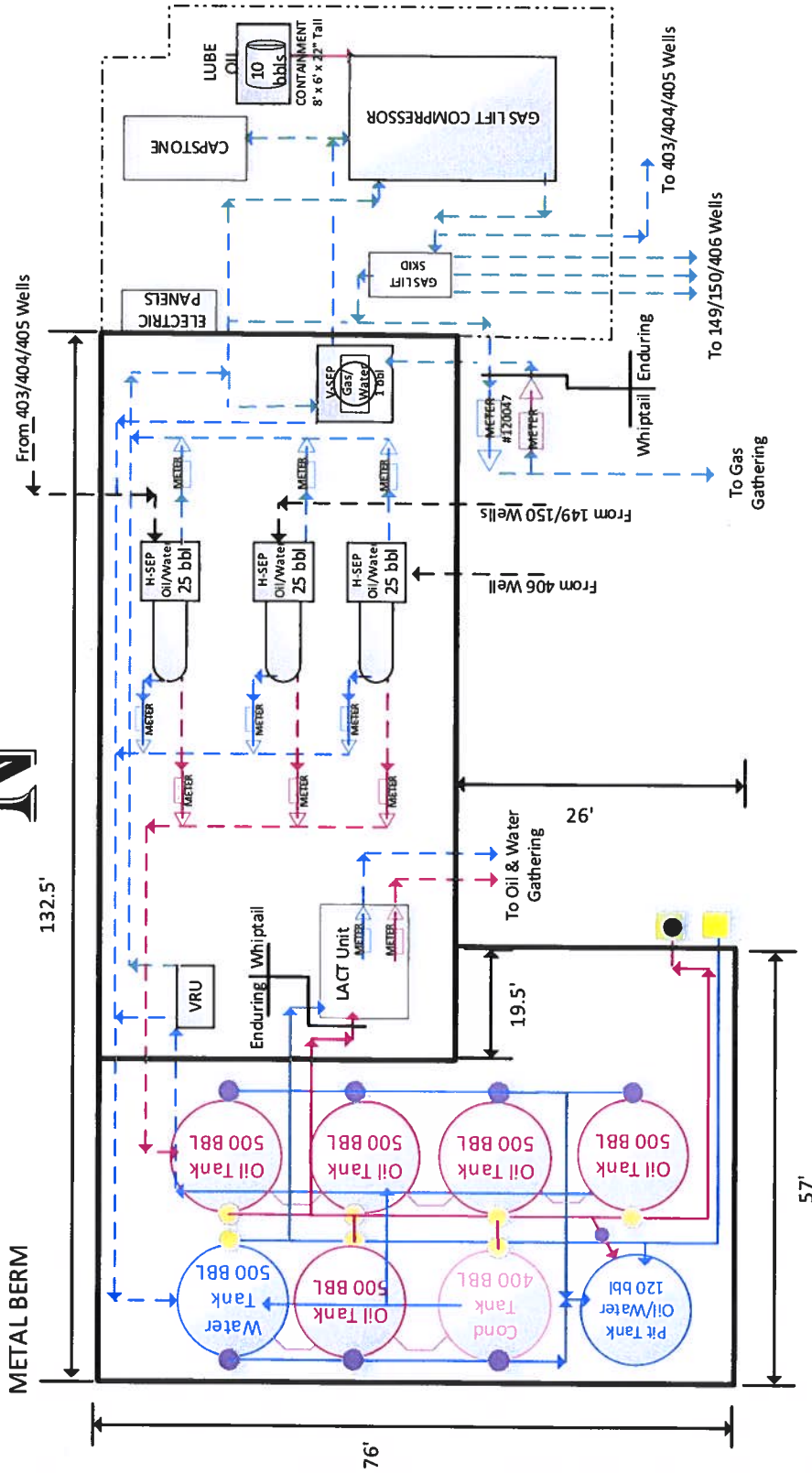
API: 30-045-35538

DATA DATE: May 14, 2021

Year	Pool	Month	Production				Injection				
			Oil (BBLs)	Gas (MCF)	Water (BBLs)	Days P/I	Water (BBL)	CO ₂ (MCF)	GAS (MCF)	Other	Pressure
2020	(97232) Basin Mancos	Mar	685	3,865	87	31	0	0	5,106	0	N/A
2020	(97232) Basin Mancos	Feb	636	4,404	74	29	0	0	4,555	0	N/A
2020	(97232) Basin Mancos	Jan	648	2,973	73	31	0	0	5,595	0	N/A
2019	(97232) Basin Mancos	Dec	587	932	86	31	0	0	9,845	0	N/A
2019	(97232) Basin Mancos	Nov	658	988	109	30	0	0	9,172	0	N/A
2019	(97232) Basin Mancos	Oct	689	982	114	31	0	0	8,767	0	N/A



SITE ENTRANCE



Revised By: RMM
Date: 5/12/2021



ENDURING RESOURCES, LLC

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: NMNM18463
Lat: 36.2525908, Long: -107.6788

LEGEND

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

Exhibit (D) (2)**Amended Application for Surface Commingling Form C-107-B**Wells to be served by Pipeline LACT Unit:

- BLM Lease No. NMNM-18463, 320 acres, Section 3-T23N-R8W, San Juan County, New Mexico
- 1) Chaco 2308-04P #149H, API No. 30-045-35495
- 2) Chaco 2308-04P #150H, API No. 30-045-35497
- BLM Lease No. NMNM-109398, 639.6 acres, Section 4-T23N-R8W, San Juan County, New Mexico
- 3) Chaco 2308-04P #406H, API No. 30-045-35587
- 4) Chaco 2308-03E #403H, API No. 30-045-35588
- 5) Chaco 2308-03L #404H, API No. 30-045-35539
- 6) Chaco 2308-03L #405H, API No. 30-045-35538.

Working Interest Owner: Enduring Resources IV, LLC – 100%

Royalty Owner: U.S.A. Office of Natural Resources Revenue

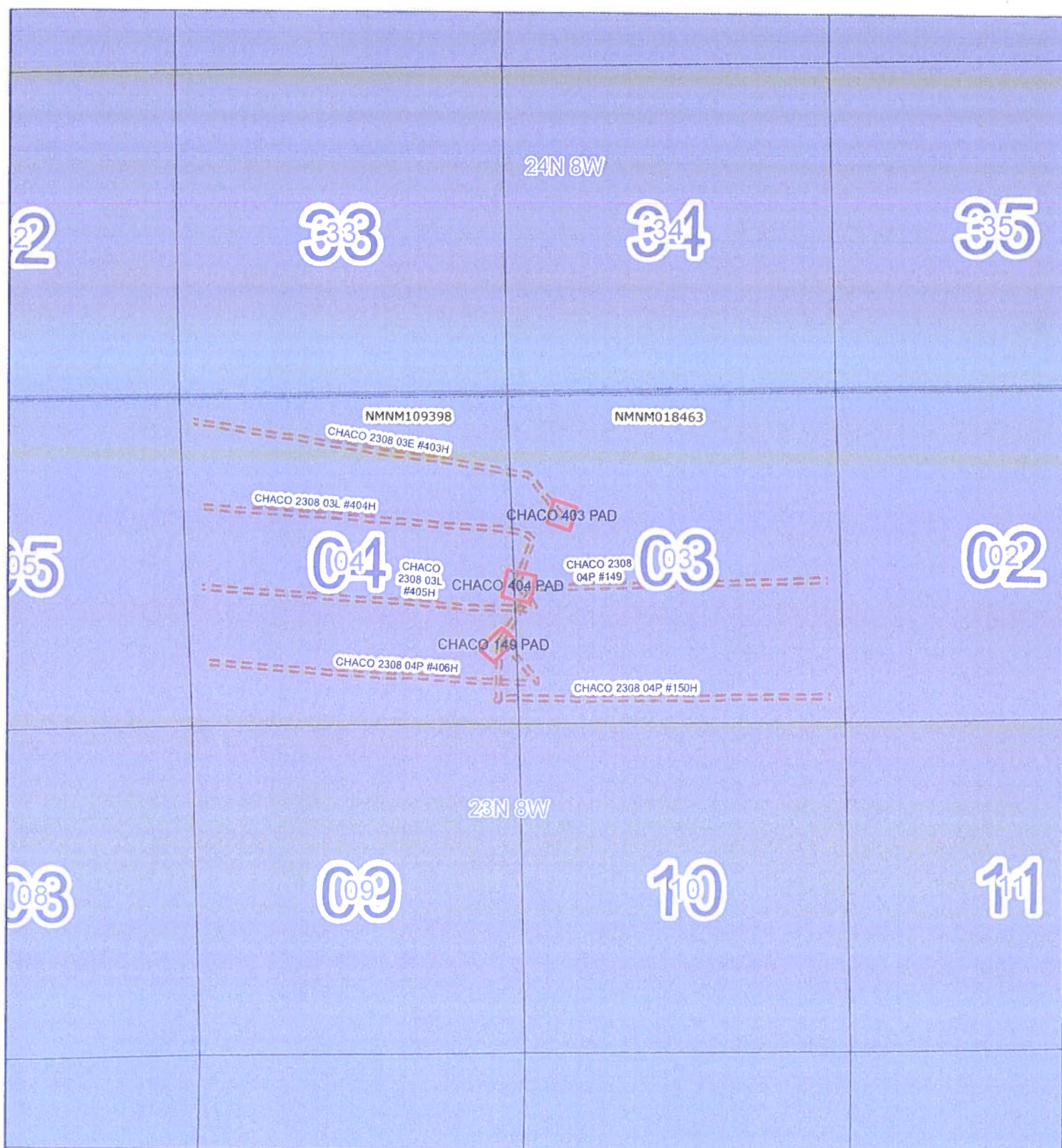
Overriding Royalty Interest Owners:

JMJ Land and Minerals Company
Attn.: James Strickler
2204 N. Santiago Ave.
Farmington, New Mexico 87401-9063
jamesstrickler@msn.com
505-402-3248

Harris D. Butler III
1500 Confederate Ave.
Richmond, Virginia 23227-4406
804-359-8071

EOG Resources, Inc.
Attn. Daniel Koury
105 S. Fourth Street
Artesia, New Mexico 88210
Daniel_Koury@eogresources.com
575-748-4145

Mazzola & Company, LLP
C/O Marion M. Mazzola
14624 Fenton Street
Broomfield, Colorado 80020
marionmmazzola@yahoo.com



Chaco2308 Lease Plat Map

- Wellbores
- Section
- PADS
- Township



**ENDURING
RESOURCES, LLC**

Data Source: Settlement
BLM-FHO, Enduring Resources GIS, ESRI Inc.
NCE Surveys, USGS

Author: drogers Date: 4/8/2021



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

Sundry Print Report

02/16/2021

Well Name: CHACO 2308-04P	Well Location: T23N / R8W / SEC 4 / SESE / 36.25259 / 107.6788	County or Parish/State: SAN JUAN / NM
Well Number: 149H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM18463	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004535495	Well Status: Producing Gas Well	Operator: ENDURING RESOURCES LLC

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Facility

Date Sundry Submitted: 02/10/2021

Time Sundry Submitted: 01:40

Date proposed operation will begin: 02/11/2021

Procedure Description: Enduring Resources IV, LLC plans to route produced fluids using subsurface utilities from the Chaco 2308 03L well pad and to the existing facilities on the Chaco 2308 04P well pad. The entire utility corridor is located in Sections 03 and 04 of T23N, R08W and is approx. 1,395.9 feet long. This NOI addresses the portion of the corridor within Section 04 only (O&G Lease # NMNM 18463). A separate NOI has been submitted to address the project area in Section 03 (O&G Lease # NMNM 109398). The utility corridor in Section 04 will measure approximately 30 feet wide by 1,194 feet long and is located between the existing Chaco 2308 03L and Chaco 2308 04P #149H well pads. Both well pads are leased and operated by Enduring. The utilities include the following: A flowline that will transport a mixture of oil, condensate, natural gas, and produced water from the Chaco 2308 03L well pad to the Chaco 2308 04P well pad; A natural gas pipeline that will transport natural gas from the production facilities on the Chaco 2308 04P well pad to the 2 wells on the Chaco 2308 03L well pad for gas lift pumping; A fiber optic line that will transmit data from the control system on the Chaco 2308 03L well pad to the Chaco 2308 04P well pad main panel; An electric powerline that will consist of 3 individual wires to provide power from the Chaco 2308 04P well pad to the Chaco 2308 03L well pad's control system, control valves, & instruments. In addition, an additional separator will be installed within the existing facility footprint on the Chaco 2308 04P well pad for the produced fluids coming from the Chaco 2308 03L wells. An updated facilities diagram will be submitted to the BLM within 60 days of installation. Please refer to the attached Plan of Development, Plats, and Reclamation Plan for additional project details.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Well Name: CHACO 2308-04P	Well Location: T23N / R8W / SEC 4 / SESE / 36.25259 / 107.6788	County or Parish/State: SAN JUAN / NM
Well Number: 149H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM18463	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004535495	Well Status: Producing Gas Well	Operator: ENDURING RESOURCES LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: HYDE

Signed on: FEB 10, 2021 01:39 PM

Name: ENDURING RESOURCES LLC

Title: Geologist

Street Address: 1050 17TH ST STE 2500

City: DENVER

State: CO

Phone: (505) 386-8205

Email address: afelix@enduringresources.com

Field Representative

Representative Name: Deidre Duffy

Street Address: 848 E 2ND AVE

City: Durango

State: CO

Zip: 81301

Phone: (808)352-0200

Email address: deidre.duffy@wsp.com

BLM Point of Contact

BLM POC Name: RYAN JOYNER

BLM POC Title: Physical Scientist

BLM POC Phone: 9703851242

BLM POC Email Address: rjoyner@blm.gov

Disposition: Approved

Disposition Date: 02/11/2021

Signature: Ryan Joyner



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

Sundry Print Report

05/12/2021

Well Name: CHACO 2308-03L	Well Location: T23N / R8W / SEC 3 / NWSW / 36.255189 / 107.677788	County or Parish/State: SAN JUAN / NM
Well Number: 404H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM109398	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004535539	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Facility

Date Sundry Submitted: 02/10/2021

Time Sundry Submitted: 01:19

Date proposed operation will begin: 02/11/2021

Procedure Description: Enduring Resources plans to route produced fluids using subsurface utilities from the Chaco 2308 03L well pad and to the existing facilities on the Chaco 2308 04P well pad. The entire utility corridor is located in Sections 03 and 04 of T23N, R08W and is approx. 1,395.9 feet long. This NOI addresses the portion of the corridor within Section 03 only (O&G Lease # NMNM 109398). A separate NOI has been submitted to address the project area in Section 04 (O&G Lease # NMNM 18463). The utility corridor in Section 03 will measure approximately 30 feet wide by 201.9 feet long and is located between the existing Chaco 2308 03L and Chaco 2308 04P #149H well pads. Both well pads are leased and operated by Enduring. The utilities include the following: A flowline that will transport a mixture of oil, condensate, natural gas, and produced water from the Chaco 2308 03L well pad to the Chaco 2308 04P well pad; A natural gas pipeline that will transport natural gas from the production facilities on the Chaco 2308 04P well pad to the 2 wells on the Chaco 2308 03L well pad for gas lift pumping; A fiber optic line that will transmit data from the control system on the Chaco 2308 03L well pad to the Chaco 2308 04P well pad main panel; An electric powerline that will consist of 3 individual wires to provide power from the Chaco 2308 04P well pad to the Chaco 2308 03L well pad's control system, control valves, & instruments. In addition, surface production facilities and equipment related to the Chaco 2308 03L #404H well site have been removed to address soil impacts from a produced-water pipeline leak on the well pad in August 2020. The well pad will be reduced in size to approximately 3 acres following remediation activities. Please refer to the attached Plan of Development, Plats, and Reclamation Plan for additional project details.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Reclamation_Plan_Heros_002H_2014_06_17_20210210124110.pdf

PLAT_CHACO_2308_03L_20210210124109

POD_Chaco_2308_03L___All_Uilities_210208_20210210124107.pdf

Well Name: LYBROOK 2308-03L	Well Location: T23N / R8W / SEC 3 / NWSW / 36.255189 / 107.677788	County or Parish/State: SAN JUAN / NM
Well Number: 404H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM109398	Unit or CA Name:	Unit or CA Number:
US Well Number: 3004535539	Well Status: Producing Oil Well	Operator: ENDURING RESOURCES LLC

404_Chaco_ProjectExtentMap_201123_20210210124106.pdf

BLM Point of Contact

BLM POC Name: DAVE J MANKIEWICZ

BLM POC Title: AFM-Minerals

BLM POC Phone: 5055647761

BLM POC Email Address: DMANKIEW@BLM.GOV

Disposition: Approved

Disposition Date: 03/09/2021

Signature: Dave J Mankiewicz

CONFIDENTIAL

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

District II
511 S. First Street, Artesia, NM 88210
Phone: (575) 743-1283 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

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 30-045-35495		*Pool Code 47540	*Pool Name NAGEEZI GALLUP
*Property Code 321224	*Property Name CHACO 2308-04P		*Well Number 149H
*OGRI# No 372286	ENDURING RESOURCES, LLC		*Elevation 6871'

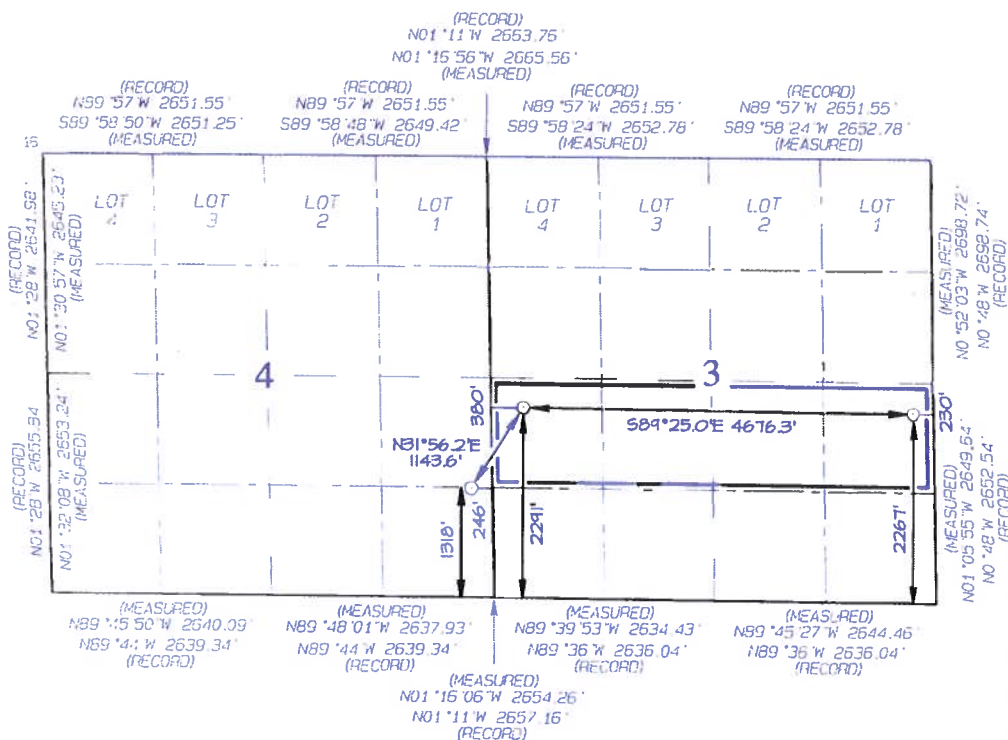
Surface Location to

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

U/I or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
J	3	23N	8W		2267	SOUTH	230	EAST	SAN JUAN	
¹⁰ Dedicated Acres					¹¹ Joint or Infill		¹² Consolidation Code		¹³ Order No.	
160.0 Acres N/2 S/2 - Section 3										

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
1318° FSL 246° FEL
SECTION 4, T23N, R8W
LAT: 36.25257° N
LONG: 107.67819° W
DATUM: NAD1927

LAT: 36.25259° N
LONG: 107.67880° W
DATUM: NAD1983

POINT-OF-ENTRY
2291' FSL 380' FWL
SECTION 3, T23N, R8W
LAT: 35.25524°N
LONG: 107.67613°W
DATUM: NAD1927

LAT: 36.25525°N
LONG: 107.67674°W
DATUM: NAD1983

BOTTOM-HOLE
2257' FSL 230' FEL
SECTION 3, T23N, R8W
LAT: 36.25508 'N
LONG: 107.66027 'W
DATUM: NAD1927

LAT: 36.25510 'N
LONG: 107.66088 '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 tests well at this location pursuant to a contract with an owner of such a mineral or working interest, or pursuant to a pooling agreement or a compulsory pooling order heretofore entered by the division.

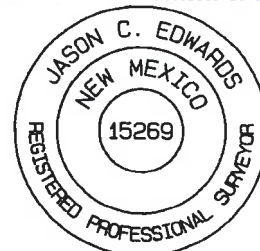
Signature Heather Huntington Date 4/8/21
Printed Name Heather Huntington
E-mail Address hhuntington@enduringresources.com

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 2, 2014
Survey Date: AUGUST 19, 2013

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

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

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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 30-045-35497		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

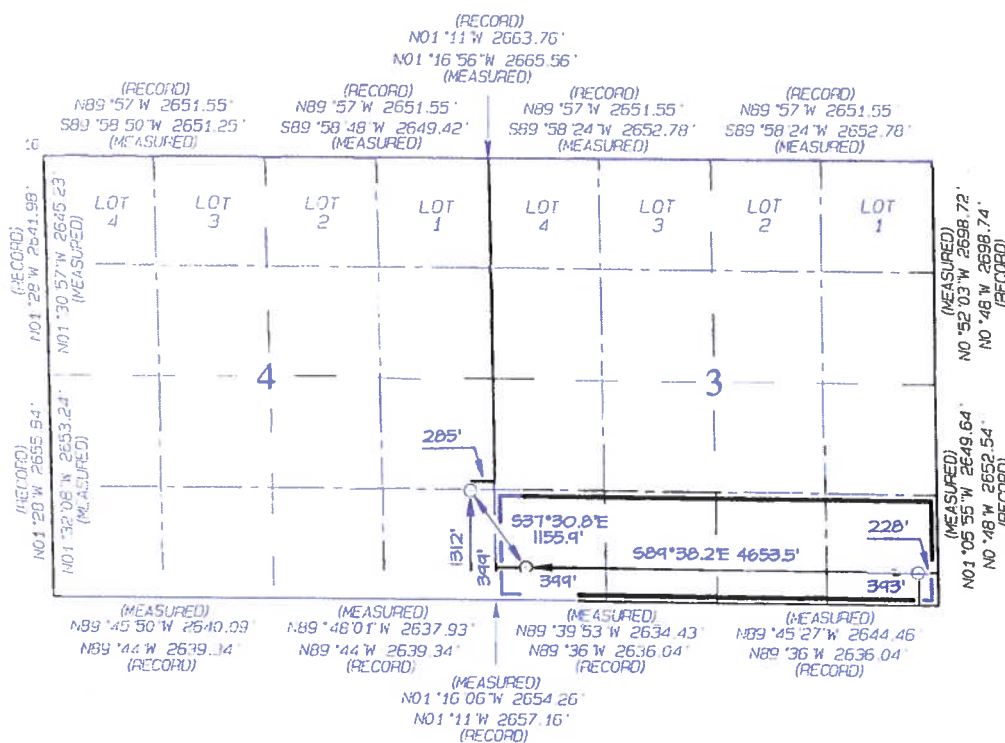
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	4	23N	8W		1312	SOUTH	285	EAST	SAN JUAN

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	23N	8W		393	SOUTH	228	EAST	SAN JUAN

12 Dedicated Acres 150.0 Acres S/2 S/2 - Section 3	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



SURFACE LOCATION
1312' FSL 285' FEL
SECTION 4, T23N, R8W
LAT: 36.25256°N
LONG: 107.67932°W
DATUM: NAD1927

POINT-OF-ENTRY
399' FSL 399' FNL
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: 107.65015°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: APRIL 21, 2014
Survey Date: AUGUST 19, 2013

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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1625 N. French Drive, Hobbs, NM 88240
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Revised August 1, 2011

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1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

AS DRILLED

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-045-35587		*Pool Code 97232		*Pool Name BASIN MANCOS	
*Property Code 321224		*Property Name CHACO 2308-04P			*Well Number 406H
*GRID No. 372286		*Operator Name ENDURING RESOURCES, LLC			*Elevation 6876'

¹⁰ Surface Location

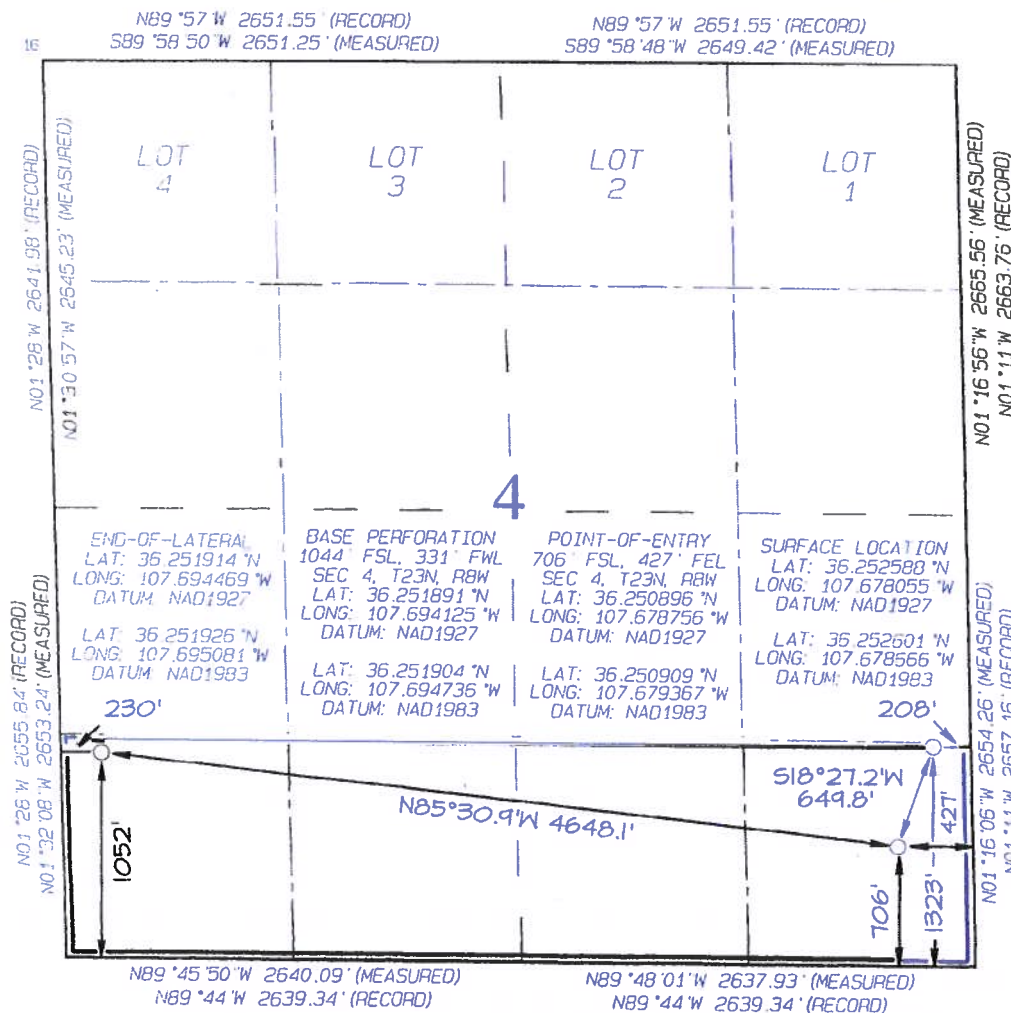
UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
P	4	23N	8W		1323	SOUTH	208	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot	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 150.0 Acres - S/2 S/2					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



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 leasehold 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

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
Certificate Number 15269

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

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Phone: (505) 476-3450 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

*APJ Number 30-045-35588	*Pool Code 97232	*Pool Name BASIN MANCOS
*Property Code 321222	*Property Name CHACO 2308-03E	*Well Number 4034
*GRID No. 372286	*Operator Name ENDURING RESOURCES, LLC	*Elevation 6892'

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
E	3	23N	8W		1906	NORTH	817	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

Lot or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	4	23N	8W	4	329	NORTH	231	WEST	SAN JUAN

12 Dedicated Acres	159.60 Acres N/2 N/2 - Section 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

END-OF-LATERAL
329 FNL 231 FNL
SECTION 4, T23N, R8W
LAT 36.262674°N
LONG 107.694801°W
DATUM NAD1927

LAT: 36.262687 N
LONG: 107.595413 W
DATUM: NAD1983

BASE PERFORATION
346 FNL 338 FNL
SECTION 4, T23N, R8W
LAT: 36.262626 N
LONG. 107.694436 W
DATUM: NAD1927

LAT: 36.262639 'N
LONG: 107.695048 'W
DATUM: NAD1983

POINT-OF-ENTRY
1121' FNL 387' FEL
SECTION 4, T23N, R5W
LAT: 36.260482°N
LONG: 107.678865°W
DATUM: NAD1927

LAT: 36.260495 °N
LONG: 107.679476 °W
DATUM: NAD1983

SURFACE LOCATION
1906' FNL 817' FWL
SECTION 3, T23N, R5W
LAT: 36.258319°N
LONG: 107.674724°W
DATUM: NAD1922

LAT: 36.258332°N
LONG: 107.675335°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, lease, agreement, or mineral, or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Signature Thuan Huu Date 4/8/21

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.

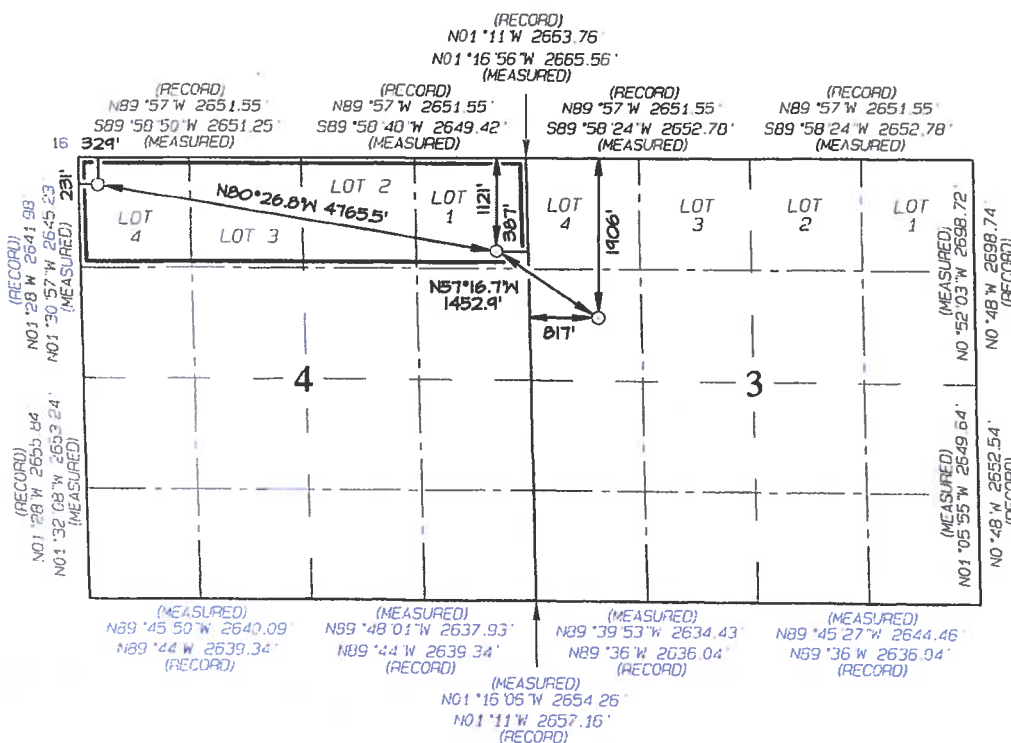
Date Revised: NOVEMBER 4, 2014
Survey Date: FEBRUARY 26, 2014

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

OIL CONSERVATION DIVISION

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

Form C-102

Revised August 1, 2011

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		⁵ Property Name CHACO 2308 03L			⁶ 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

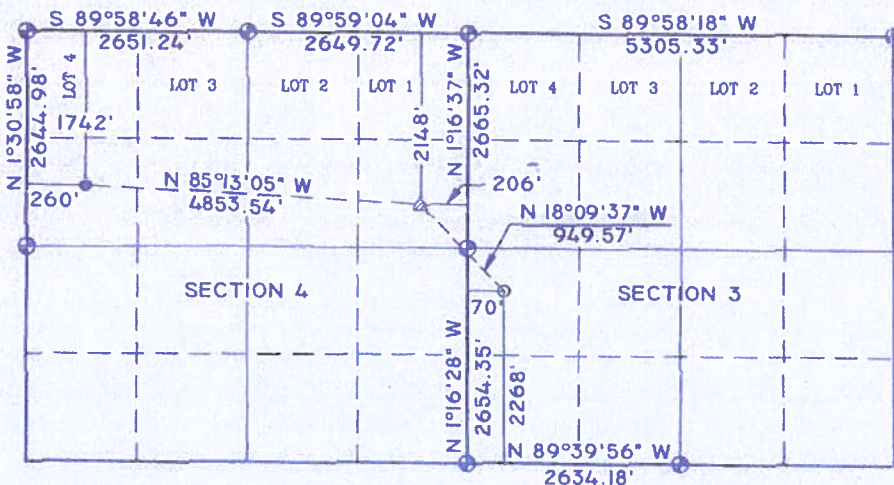
¹¹ Bottom Hole Location If Different From Surface

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 Dedication 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 LAT: 36.2588009° N LONG: 107.6951898° W NAD 83 LAT: 36°15.52729' N LONG: 107°41.67469' W NAD 27	2148' FNL, 206' FEL LAT: 36.2576693° N LONG: 107.6787865° W NAD 83 LAT: 36°15.45940' N LONG: 107°40.69052' W NAD 27	2268' FSL, 70' FWL LAT: 36.2551894° N LONG: 107.6777876° W NAD 83 LAT: 36°15.31060' N LONG: 107°40.63059' W NAD 27



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


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.

 **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:

17078
Certificate Number
United Field Services, Inc.

DISTRICT I1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-8161 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) 476-3462State of New Mexico
Energy, Minerals & Natural Resources Department**OIL CONSERVATION DIVISION**1220 South St. Francis Dr.
Santa Fe, N.M. 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office**"AS DRILLED"**☒ 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

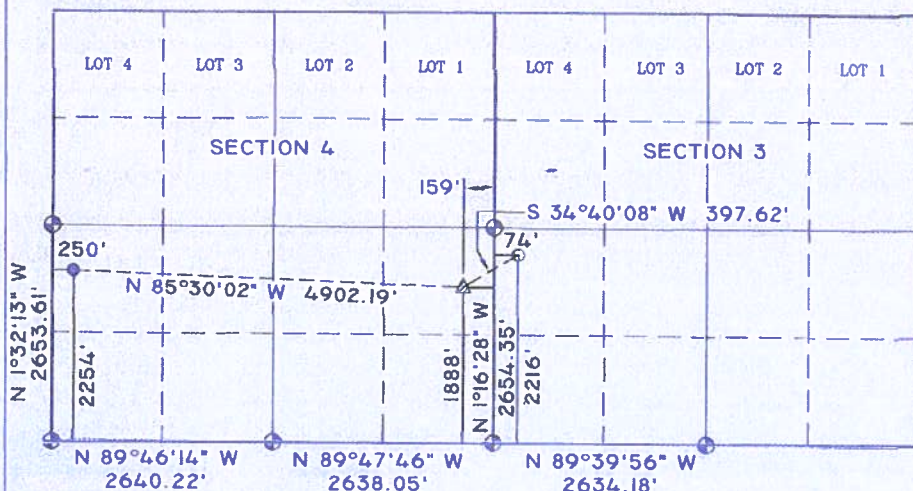
¹⁸ SURVEYOR CERTIFICATION

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
Signature and Seal of 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



Enduring Resources

1050 17th Street, Suite 2500 Denver, CO 80265
Telephone 303 573-1222 Fax 303 573 0461

May 17, 2021

Mr. Harris D. Butler III
1500 Confederate Ave.
Richmond, Virginia 23227-4406

RE: Chaco 2308-04P #149 Well, San Juan County, New Mexico
Application of Enduring Resources, LLC to amend Administrative Pool/Lease
Commingling Order PLC-411, dated December 4, 2014

Dear Mr. Butler:

According to our records, you own an overriding royalty interest ("ORRI") in the captioned well. Enduring Resources, LLC ("Enduring") is seeking approval from the New Mexico Oil Conservation Division ("NMOCD") for the amendment of Administrative Pool/Lease Commingling Order PLC-411, dated December 4, 2014, San Juan County, New Mexico, in order to surface commingle the production from three (3) additional wells on one of the two federal leases subject to the order. Enduring is the successor in interest to WPX Energy Production, LLC and the current operator of all six wells to be surface commingled at the facility located on the Chaco 2308-04P #149H well pad. A copy of the application, which was filed on Friday, May 14, 2021, is enclosed for your review.

The surface facility for the Chaco 2308-03E #403H, Chaco 2308-03L #404H, and the Chaco 2308-03L #405 wells has been consolidated with the surface facility for the three wells subject to Order PLC-411. The LACT unit (separates oil, gas and water) for the additional three wells has been moved and added to the #149H facility to accommodate the additional production, as shown on the schematic diagram of the facility attached to the amended application. All production is from the same two federal leases that are subject to Order PLS-411 and from the same two pools: the Nageezi Gallup Oil Pool (47540) in the S/2 Section 3-T23N-R8W and the Basin Mancos Gas Pool (97232) in the S/2 Section 4-T23N-R8W. Production from each of these leases will be separately metered, and none of the production from these two separate leases will be transported off lease or otherwise commingled prior to being measured. The commingled oil and gas production shall be measured and sold at the Chaco 2308-04P #149H central tank battery located in Unit P, Section 4-T23N-R8W, San Juan County, New Mexico.

Pursuant to Statewide Rule 19.15.12.10 (C) (4)(g), Enduring has requested the option to include additional pools or leases that may be served in the future from the Chaco 2308-04P

#149H surface facility, and has requested authority to add additional wells contained within approved spacing units on the two leases subject to Order PLC-411 by filing a Sundry Notice C-103 and C-102 Plats together with an Amendment with the NMOCD. Notice to interest owners shall not be required when amending the application to add future pools or wells.

The purpose of this letter is to provide you, as an ORRI owner, with notice of the movement of the pipeline LACT unit for the three additional wells. If you have an objection, you must file it in writing with the division within 20 days from the date the division receives the application (5/14/21).

Because the well has been shut in during the consolidation of the surface facilities, Enduring would like to get the well back to sales as quickly as possible, which requires approval of the NMOCD. **IF YOU DO NOT INTEND TO FILE AN OBJECTION, Enduring would appreciate it if you would respond by email to aashland@enduringresources.com, or by returning the enclosed statement in the overnight envelope provided.**

If you have any questions about the application or need additional information, please contact me directly at 303-350-5116 or at aashland@enduringresources.com.

Your attention to this matter is appreciated.

Sincerely,

ENDURING RESOURCES, LLC



Anita Ashland
Senior Landman

Encl.

I acknowledge receipt of the enclosed notice and application for amendment to the commingling order, and I do not intend to file an objection with the NMOCD.


Harris D. Butler III

Date:

5-18-2021

Anita Ashland

From: Daniel Koury <Daniel_Koury@eogresources.com>
Sent: Wednesday, May 19, 2021 3:18 PM
To: Anita Ashland
Subject: FW: Chaco 2308-04P #149H Pad, San Juan County, NM
Attachments: We sent you safe versions of your files; 5-14-21_Application for Amended Commingling Order.pdf; Facility Diagram - CHACO 2308 4P 149H - Enduring_12May21.pdf

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Anita,

EOG is good with the Amended Commingling Order, and we will not protest the application.

Thank you,

Daniel Koury
 Landman II
 EOG Resources, Inc.
 Office: 575.748.4145
 Cell: 575.703.4947
Daniel_Koury@EOGResources.com

From: Anita Ashland <AAshland@enduringresources.com>
Sent: Monday, May 17, 2021 3:44 PM
To: Daniel Koury <Daniel_Koury@eogresources.com>
Subject: Chaco 2308-04P #149H Pad, San Juan County, NM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

As you know, EOG Resources Inc. ("EOG") owns an ORRI in the 2308-04P #406H well, and the surface facility for this well is located on the Chaco 2308-04P #149H facility site. Enduring Resources, LLC ("Enduring") is seeking approval from the NMOCD for the amendment of Administrative Pool/Lease Commingling Order PLC-411, dated December 4, 2014, in order to surface commingle the production from three (3) additional wells on one of the two federal leases subject to the order. EOG also owns an ORRI in these three additional wells, which are located on the same lease as the 2308-04P #406H well. A copy of the application, which was filed on Friday, May 14, 2021, is attached for your review.

The surface facility for the Chaco 2308-03E #403H, Chaco 2308-03L #404H, and the Chaco 2308-03L #405 wells has been consolidated with the surface facility for the three wells subject to Order PLC-411. The LACT for the additional three wells has been moved and added to the #149H facility to accommodate the additional production, as shown on the schematic diagram of the facility attached. All production is from the same two federal leases that are subject to Order PLS-411 and from the same two pools: the Nageezi Gallup Oil Pool (47540) in the S/2 Section 3-T23N-R8W and the Basin Mancos Gas Pool (97232) in the S/2 Section 4-T23N-R8W. Production from each of these leases will be separately metered, and none of the production from these two separate leases will be transported off lease or otherwise commingled prior to being

measured. The commingled oil and gas production will be measured and sold at the Chaco 2308-04P #149H central tank battery located in Unit P, Section 4-T23N-R8W, San Juan County, New Mexico.

Pursuant to Statewide Rule [19.15.12.10](#) (C) (4)(g), Enduring has requested the option to include additional pools or leases that may be served in the future from the Chaco 2308-04P #149H surface facility, and has requested authority to add additional wells contained within approved spacing units on the two leases subject to Order PLC-411 by filing a Sundry Notice C-103 and C-102 Plats together with an Amendment with the NMOCD. Notice to interest owners will not be required when amending the application to add future pools or wells.

The purpose of this email is to provide EOG, as an ORRI owner, with notice of the movement of the pipeline LACT unit for the three additional wells. If EOG has an objection, you must file it in writing with the division within 20 days from the date the division receives the application (5/14/21).

Because the well has been shut in during the consolidation of the surface facilities, Enduring would like to get the well back to sales as quickly as possible, which requires approval of the NMOCD. **IF EOG DOES NOT INTEND TO FILE AN OBJECTION, Enduring would appreciate it if you would respond by email to aashland@enduringresources.com at your earliest convenience.** If all interest owners respond that they do not intend to file a protest, the NMOCD can approve the amended application without waiting for the 20-day notice period to expire.

If you have any questions regarding the application, please don't hesitate to contact me. Your cooperation in this matter is greatly appreciated!

Anita Ashland
Senior Landman
Enduring Resources, LLC
1050 17th Street, Suite 2500
Denver, Colorado 80265
Direct: 303-350-5116
Cell: 303-249-5011



May 19, 2021

Dear Customer,

The following is the proof-of-delivery for tracking number: 773746398595

Delivery Information:

Status:	Delivered	Delivered To:	Residence
Signed for by:	Signature not required	Delivery Location:	1500 CONFEDERATE
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday; Residential Delivery		Richmond, VA, 23227
		Delivery date:	May 18, 2021 11:02

Shipping Information:

Tracking number:	773746398595	Ship Date:	May 17, 2021
		Weight:	1.0 LB/0.45 KG

Recipient:Harris D Butler III,
1500 Confederate Ave
Richmond, VA, US, 23227**Shipper:**Anita Ashland, Enduring Resources, LLC
1050 17th Street
Suite 2500
DENVER, CO, US, 80265

Proof-of-delivery details appear below; however, no signature is available for this FedEx Express shipment
because a signature was not required.

Anita Ashland

From: James Strickler <jamesstrickler@msn.com>
Sent: Wednesday, May 19, 2021 7:46 AM
To: Anita Ashland
Subject: Re: Chaco 2308-04P #149H Pad, San Juan County, NM

Anita,

I concur with your recommendation outlined below.

Sincerely,

JMJ Land and Minerals Company
 2204 N. Santiago Ave.
 Farmington, NM 87401
 James Strickler, President
 505-402-3248, cell

Get [Outlook for iOS](#)

From: Anita Ashland <AAshland@enduringresources.com>
Sent: Monday, May 17, 2021 3:14:49 PM
To: jamesstrickler@msn.com <jamesstrickler@msn.com>
Subject: Chaco 2308-04P #149H Pad, San Juan County, NM

As we discussed in our telephone conversation last week, MJM Land & Minerals Company owns an ORRI in the 2308-04P #406H well, and the surface facility for this well is located on the Chaco 2308-04P #149H facility site. Enduring Resources, LLC ("Enduring") is seeking approval from the NMOCD for the amendment of Administrative Pool/Lease Commingling Order PLC-411, dated December 4, 2014, in order to surface commingle the production from three (3) additional wells on one of the two federal leases subject to the order. MJM Land & Minerals also owns an ORRI in these three additional wells, which are located on the same lease as the 2308-04P #406H well. A copy of the application, which was filed on Friday, May 14, 2021, is attached for your review.

The surface facility for the Chaco 2308-03E #403H, Chaco 2308-03L #404H, and the Chaco 2308-03L #405 wells has been consolidated with the surface facility for the three wells subject to Order PLC-411. The LACT for the additional three wells has been moved and added to the #149H facility to accommodate the additional production, as shown on the schematic diagram of the facility attached. All production is from the same two federal leases that are subject to Order PLS-411 and from the same two pools: the Nageezi Gallup Oil Pool (47540) in the S/2 Section 3-T23N-R8W and the Basin Mancos Gas Pool (97232) in the S/2 Section 4-T23N-R8W. Production from each of these leases will be separately metered, and none of the production from these two separate leases will be transported off lease or otherwise commingled prior to being measured. The commingled oil and gas production will be measured and sold at the Chaco 2308-04P #149H central tank battery located in Unit P, Section 4-T23N-R8W, San Juan County, New Mexico.

Pursuant to Statewide Rule [19.15.12.10](#) (C) (4)(g), Enduring has requested the option to include additional pools or leases that may be served in the future from the Chaco 2308-04P #149H surface facility, and has

requested authority to add additional wells contained within approved spacing units on the two leases subject to Order PLC-411 by filing a Sundry Notice C-103 and C-102 Plats together with an Amendment with the NMOCD. Notice to interest owners shall not be required when amending the application to add future pools or wells.

The purpose of this email is to provide you, as an ORRI owner, with notice of the movement of the pipeline LACT unit for the three additional wells. If you have an objection, you must file it in writing with the division within 20 days from the date the division receives the application (5/14/21).

Because the well has been shut in during the consolidation of the surface facilities, Enduring would like to get the well back to sales as quickly as possible, which requires approval of the NMOCD. **IF YOU DO NOT INTEND TO FILE AN OBJECTION, Enduring would appreciate it if you would respond by email to aashland@enduringresources.com at your earliest convenience.** If all interest owners respond that they do not intend to file a protest, the NMOCD can approve the amended application without waiting for the 20-day notice period to expire.

If you have any questions regarding the application, please don't hesitate to contact me. Your cooperation in this matter is greatly appreciated!

Anita Ashland
Senior Landman
Enduring Resources, LLC
1050 17th Street, Suite 2500
Denver, Colorado 80265
Direct: 303-350-5116
Cell: 303-249-5011

Anita Ashland

From: Marion M. Mazzola <marionmmazzola@yahoo.com>
Sent: Wednesday, May 19, 2021 2:01 PM
To: Anita Ashland
Subject: Re: Chaco 2308-04P #149H Pad, San Juan County, NM
Attachments: We sent you safe versions of your files; 5-14-21_Application for Amended Commingling Order.pdf; Facility Diagram - CHACO 2308 4P 149H - Enduring_12May21.pdf

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

TO: Anita Ashland
 Enduring Resources, LLC

RE: MAZZOLA & COMPANY LLP ORRI INTERESTS IN CHACOS 2308-04P #149H AND #150H
 ENDURING REQUEST TO THE OPTION TO INCLUDE A SURFACE FACILITY ETCETERA AS STATED IN
 THE ENDURING E-MAIL OF MARCH 17, 2021 INFORMING MAZZOLA & COMPANY OF ENDURING
 RESOURCES
 PROPSAL AS SENT TO SAN JUAN COUNTY FOR CONSIDERATION.

MAZZOLA & COMPANY LLP SUPPORTS ENDURING RESOURCES REQUEST FOR THIS SURFACE FACILITY
 AS SUBMITTED TO SAN JUAN COUNTY.
 MAZZOLA & COMPANY LLP HAS NO INTENT TO FILE ANY OBJECTIONS TO ENDURINGS PROPOSAL.

Marion M. Mazzola
 Mazzola & Company LLP
 Broomfield, Colorado 80020
 Owner/Manager

303-466-8356

Monday, May 17, 2021, 03:59:33 PM MDT, Anita Ashland <aashland@enduringresources.com> wrote:

As we discussed in our telephone conversation last week, Mazzola & Company, LLP owns an ORRI in the Chaco 2308-04P #149H and #150H wells. Enduring Resources, LLC ("Enduring") is seeking approval from the New Mexico Oil Conservation Division ("NMOCD") for the amendment of Administrative Pool/Lease Commingling Order PLC-411, dated December 4, 2014, in order to surface commingle the production from three (3) additional wells on one of the two federal leases subject to the order. A copy of the application, which was filed on Friday, May 14, 2021, is attached for your review.

The surface facility for the Chaco 2308-03E #403H, Chaco 2308-03L #404H, and the Chaco 2308-03L #405 wells has been consolidated with the surface facility for the three wells subject to Order PLC-411. The LACT unit (separates oil, gas and water) for the additional three wells has been moved and added to the #149H facility to accommodate the additional production, as shown on the schematic diagram of the facility attached. All production is from the same two federal leases that are subject to Order PLS-411 and from the same two pools: the Nageezi Gallup Oil Pool (47540) in the S/2 Section 3-T23N-R8W and the Basin Mancos Gas Pool (97232) in the S/2 Section 4-T23N-

R8W. Production from each of these leases will be separately metered, and none of the production from these two separate leases will be transported off lease or otherwise commingled prior to being measured. The commingled oil and gas production will be measured and sold at the Chaco 2308-04P #149H central tank battery located in Unit P, Section 4-T23N-R8W, San Juan County, New Mexico.

Pursuant to Statewide Rule [19.15.12.10](#) (C) (4)(g), Enduring has requested the option to include additional pools or leases that may be served in the future from the Chaco 2308-04P #149H surface facility, and has requested authority to add additional wells contained within approved spacing units on the two leases subject to Order PLC-411 by filing a Sundry Notice C-103 and C-102 Plats together with an Amendment with the NMOCD. Notice to interest owners will not be required when amending the application to add future pools or wells.

The purpose of this email is to provide you, as an ORRI owner, with notice of the movement of the pipeline LACT unit for the three additional wells. If you have an objection, you must file it in writing with the division within 20 days from the date the division receives the application (5/14/21).

Because the well has been shut in during the consolidation of the surface facilities, Enduring would like to get the well back to sales as quickly as possible, which requires approval of the NMOCD. **IF YOU DO NOT INTEND TO FILE AN OBJECTION, Enduring would appreciate it if you would respond by email to aashland@enduringresources.com at your earliest convenience.** If all interest owners respond that they do not intend to file a protest, the NMOCD can approve the amended application without waiting for the 20-day notice period to expire.

If you have any questions regarding the application, please don't hesitate to contact me. Your cooperation in this matter is greatly appreciated

Anita Ashland

Senior Landman

Enduring Resources, LLC

1050 17th Street, Suite 2500

Denver, Colorado 80265

Direct: 303-350-5116

Cell: 303-249-5011

From: [Engineer, OCD, EMNRD](#)
To: [Heather Huntington](#)
Cc: [McClure, Dean, EMNRD](#); [Simmons, Kurt, EMNRD](#); [Hawkins, James, EMNRD](#); [Powell, Brandon, EMNRD](#); [Pickford, Katherine, EMNRD](#); [lisa@rwbyram.com](#); [Glover, James](#); [Paradis, Kyle O](#); [jkillins@blm.gov](#); [Anita Ashland](#); [Alex Campbell](#)
Subject: Approved Administrative Order PLC-770
Date: Friday, May 21, 2021 5:34:25 PM
Attachments: [PLC770 Order.pdf](#)

NMOCD has issued Administrative Order PLC-770 which authorizes Enduring Resources, LLC (372286) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	UL or Q/Q	S-T-R	Pool Code
30-045-35495	Chaco 2308 04P #149H	N/2 S/2	3-23N-8W	47540
30-045-35497	Chaco 2308 04P #150H	S/2 S/2	3-23N-8W	47540
30-045-35587	Chaco 2308 04P #406H	S/2 S/2	4-23N-8W	97232
30-045-35588	Chaco 2308 03E #403H	N/2 N/2	4-23N-8W	97232
30-045-35539	Chaco 2308 03L #404H	S/2 N/2	4-23N-8W	97232
30-045-35538	Chaco 2308 03L #405H	N/2 S/2	4-23N-8W	97232

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval.

Dean McClure
 Petroleum Engineer, Oil Conservation Division
 New Mexico Energy, Minerals and Natural Resources Department
 (505) 469-8211

State of New Mexico
Energy, Minerals and Natural Resources Department

Notice

Order: PLC-770
Operator: Enduring Resources, LLC (372286)
Publication Date:
Initial Notice Date: 5/14/2021

Noticed Persons

Date	Person	Certified Tracking Number	Status
2/10/2021	BLM	Online	Delivered
5/19/2021	JMJ Land and Minerals Company	No Protest Statement	Received
5/18/2021	Harris D Butler III	No Protest Statement	Received
5/19/2021	EOG Resources, Inc.	No Protest Statement	Received
5/19/2021	Mazzola & Company, LLP	No Protest Statement	Received

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION**

**APPLICATION FOR SURFACE COMMINGLING
SUBMITTED BY ENDURING RESOURCES, LLC**

ORDER NO. PLC-770

ORDER

The Director of the New Mexico Oil Conservation Division (“OCD”), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

FINDINGS OF FACT

1. Enduring Resources, LLC (“Applicant”) submitted a complete application to surface commingle and off-lease measure the oil and gas production ("Application") from the pools, leases, and wells identified in Exhibit A.
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. Applicant intends to segregate the oil and gas production from each pool within a lease identified in Exhibit B from the oil and gas production from all other pools and leases prior to measuring the production from each pool within a lease with an allocation meter.
4. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7(B) NMAC.
5. To the extent that ownership is diverse, Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
6. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
7. Applicant certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.
8. Applicant in the notice for the Application stated that it sought authorization to add additional pools, leases, and wells and identified the parameters to make such additions.
9. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease identified in Exhibit A.

CONCLUSIONS OF LAW

10. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, and 19.15.12 NMAC.
11. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10(A)(2), (C)(4)(c), and (C)(4)(e) NMAC, as applicable.
12. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10(B)(1) or (C)(1) NMAC, as applicable.
13. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10(B)(3) and (C)(4)(h) NMAC.
14. Applicant satisfied the notice requirements for the subsequent addition of pools, leases, and wells in the notice for the Application, in accordance with 19.15.12.10(C)(4)(g) NMAC. Subsequent additions of pools, leases, and wells within Applicant's defined parameters, as modified herein, will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.
15. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

ORDER

1. Applicant is authorized to surface commingle and off-lease measure oil and gas production from the pools, leases, and wells identified in Exhibit A.

Applicant is authorized to surface commingle and off-lease measure, as applicable, oil and gas production from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A.

2. This Order supersedes Order PLC-411.
3. The allocation of oil and gas production to each pool within a lease identified in Exhibit B shall be determined by separating and metering the production from each pool within a lease prior to commingling.
4. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.
5. Applicant shall measure the commingled oil at a central tank battery described in Exhibit A in accordance with 19.15.18.15 NMAC or 19.15.23.8 NMAC.

6. Applicant shall measure the commingled gas at a central delivery point or central tank battery described in Exhibit A in accordance with 19.15.19.9 NMAC, provided however that if the gas is flared, and regardless of whether OCD has granted an exception pursuant to 19.15.18.12(B) NMAC, Applicant shall report the gas in accordance with 19.15.18.12(F) NMAC.
7. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10(C)(2) NMAC.
8. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.
9. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B via the OCD Fee Portal in accordance with 19.15.12.10(C)(4)(g) NMAC.
10. If a well is not included in Exhibit A but produces from a pool or lease identified in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form C-103 shall reference this Order and identify the well and proposed method to determine the allocation of oil and gas production to it.
11. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
12. OCD retains jurisdiction and reserves the right to modify or revoke this Order as it deems necessary to prevent waste or protect correlative rights, public health, or the environment.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



ADRIENNE SANDOVAL
DIRECTOR
AS/dm

DATE: 5/21/2021

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: **PLC-770**

Operator: **Enduring Resources, LLC (372286)**

Central Tank Battery: **Chaco 2308 04P 149H Pad**

Central Tank Battery Location: **Unit P, Section 4, Township 23 North, Range 8 West**

Gas Custody Transfer Meter Location: **Unit P, Section 4, Township 23 North, Range 8 West**

Pools

Pool Name	Pool Code
NAGEEZI GALLUP	47540
BASIN MANCOS	97232

Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
NMNM 018463	S/2	3-23N-8W
NMNM 109398	All	4-23N-8W

Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool Code
30-045-35495	Chaco 2308 04P #149H	N/2 S/2	3-23N-8W	47540
30-045-35497	Chaco 2308 04P #150H	S/2 S/2	3-23N-8W	47540
30-045-35587	Chaco 2308 04P #406H	S/2 S/2	4-23N-8W	97232
30-045-35588	Chaco 2308 03E #403H	N/2 N/2	4-23N-8W	97232
30-045-35539	Chaco 2308 03L #404H	S/2 N/2	4-23N-8W	97232
30-045-35538	Chaco 2308 03L #405H	N/2 S/2	4-23N-8W	97232

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit B

Order: **PLC-770**
Operator: **Enduring Resources, LLC (372286)**

Pools

Pool Name	Pool Code
NAGEEZI GALLUP	47540
BASIN MANCOS	97232

Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
NMNM 018463	S/2	3-23N-8W
NMNM 109398	All	4-23N-8W

Pools within each Lease

Lease	Pool Code	Group ID
NMNM 109398	97232	A
NMNM 018463	47540	B

Wells

Well API	Well Name	UL or Q/Q	S-T-R	Group ID
30-045-35588	Chaco 2308 03E #403H	N/2 N/2	4-23N-8W	A
30-045-35539	Chaco 2308 03L #404H	S/2 N/2	4-23N-8W	A
30-045-35538	Chaco 2308 03L #405H	N/2 S/2	4-23N-8W	A
30-045-35587	Chaco 2308 04P #406H	S/2 S/2	4-23N-8W	A
30-045-35495	Chaco 2308 04P #149H	N/2 S/2	3-23N-8W	B
30-045-35497	Chaco 2308 04P #150H	S/2 S/2	3-23N-8W	B

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 28322

CONDITIONS OF APPROVAL

Operator:			OGRID:	Action Number:	Action Type:
ENDURING RESOURCES, LLC			372286	28322	C-107B
1050 17TH STREET, SUITE 2500			DENVER, CO80265		
OCD Reviewer	Condition				
dmcclure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval.				