

Well Name: RICHARDSON	Well Location: T27N / R13W / SEC 11 / NENW / 36.5952 / -108.188555	County or Parish/State: SAN JUAN / NM
Well Number: 101S	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMSF077972	Unit or CA Name:	Unit or CA Number: NMNM115468
US Well Number: 300453167400S1	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2839329

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 02/28/2025	Time Sundry Submitted: 12:11
Date Operation Actually Began: 12/20/2024	

**Actual Procedure:** 11/20/24- MIRU WL. 0 psi. Run CBL from CIBP @ 1295' to surface. SIW. RDMO 12/18/24- MIRU. 0 psi. SDFN 12/19/24- 0 psi. ND WH. NU BOP. Test BOP- Good test. TIH. PU 2-3/8" tubing. Tag plug @ 1295'. Break circ. DO CIBP. Start milling CIBP and push plug remains t/ 1450'. TIH set CICR @ 1296' . Sting out of retainer. PT casing 600psi/15mins - Good test, witnessed by Casey Arnett (BLM). TOOHD LD mill. Plug #1 (1140'-1445' inside) TIH. Sting into retainer, pump total 28sx, 1.15 yld, Class G cement. Pump 12sx below retainer. Displace 16sx, 4.4 bbls 1.15 yld, on top of retainer. TOOHD, LD tools. SDFN. 12/20/24- 0 psi. Tag cement plug @ 1140'. Pull EOT up to 285'. Plug #2 (0' surface -285' inside) Pump 29sx of 1.15yd, Class G cement, circulated w/ 2bbl of good cement to surface. LD jnts, WOC. ND BOP. Top off annulus w/ 19sx, 4bbls. Cut off WH install P&A marker - received verbal approval from Navajo Tribe to set subsurface marker. RDMO Well Plugged and Abandoned, see attached wellbore schematic and marker photo.

SR Attachments

Actual Procedure

Richardson\_101S\_WB\_Schematic\_and\_P\_A\_Marker\_20250228121033.pdf

Well Name: RICHARDSON	Well Location: T27N / R13W / SEC 11 / NENW / 36.5952 / -108.188555	County or Parish/State: SAN JUAN / NM
Well Number: 101S	Type of Well: OTHER	Allottee or Tribe Name:
Lease Number: NMSF077972	Unit or CA Name:	Unit or CA Number: NMNM115468
US Well Number: 300453167400S1	Operator: LOGOS OPERATING LLC	

Operator

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

Operator Electronic Signature: ETTA TRUJILLO

Signed on: FEB 28, 2025 12:11 PM

Name: LOGOS OPERATING LLC

Title: Regulatory Specialist

Street Address: 2010 AFTON PLACE

City: FarmingtonState: NM

Phone: (505) 324-4154

Email address: ETRUJILLO@LOGOSRESOURCESLLC.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 02/28/2025

Signature: Matthew Kade

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. <b>NMSF077972</b>
		6. If Indian, Allottee or Tribe Name

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		7. If Unit of CA/Agreement, Name and/or No. NMNM115468
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		8. Well Name and No. RICHARDSON/101S
2. Name of Operator <b>LOGOS OPERATING LLC</b>		9. API Well No. <b>3004531674</b>
3a. Address <b>2010 AFTON PLACE, FARMINGTON, NM 87401</b>	3b. Phone No. (include area code) <b>(505) 278-8720</b>	10. Field and Pool or Exploratory Area Basin Fruitland Coal/BASIN FRUITLAND COAL
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) <b>SEC 11/T27N/R13W/NMP</b>		11. Country or Parish, State SAN JUAN/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

11/20/24- MIRU WL. 0 psi. Run CBL from CIBP @ 1295' to surface. SIW. RDMO

12/18/24- MIRU. 0 psi. SDFN

12/19/24- 0 psi. ND WH. NU BOP. Test BOP- Good test. TIH. PU 2-3/8" tubing. Tag plug @ 1295'. Break circ. DO CIBP. Start milling CIBP and push plug remains t/ 1450'. TIH set CICR @ 1296' . Sting out of retainer. PT casing 600psi/15mins - Good test, witnessed by Casey Arnett (BLM). TOOHD LD mill. Plug #1 (1140'-1445' inside) TIH. Sting into retainer, pump total 28sx, 1.15 yld, Class G cement. Pump 12sx below retainer. Displace 16sx, 4.4 bbls 1.15 yld, on top of retainer. TOOHD, LD tools. SDFN.

12/20/24- 0 psi. Tag cement plug @ 1140'. Pull EOT up to 285'.

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14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) <b>ETTA TRUJILLO / Ph: (505) 324-4154</b>	Title <b>Regulatory Specialist</b>
Signature (Electronic Submission)	Date <b>02/28/2025</b>

<b>THE SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
Approved by <b>MATTHEW H KADE / Ph: (505) 564-7736 / Accepted</b>	Title <b>Petroleum Engineer</b>	Date <b>02/28/2025</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <b>FARMINGTON</b>	

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.

## GENERAL INSTRUCTIONS

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

## SPECIFIC INSTRUCTIONS

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

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

## NOTICES

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

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

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

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

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

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

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

Response to this request is mandatory.

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

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

## Additional Information

### Location of Well

0. SHL: NENW / 660 FNL / 2630 FWL / TWSP: 27N / RANGE: 13W / SECTION: 11 / LAT: 36.5952 / LONG: -108.188555 ( TVD: 0 feet, MD: 0 feet )

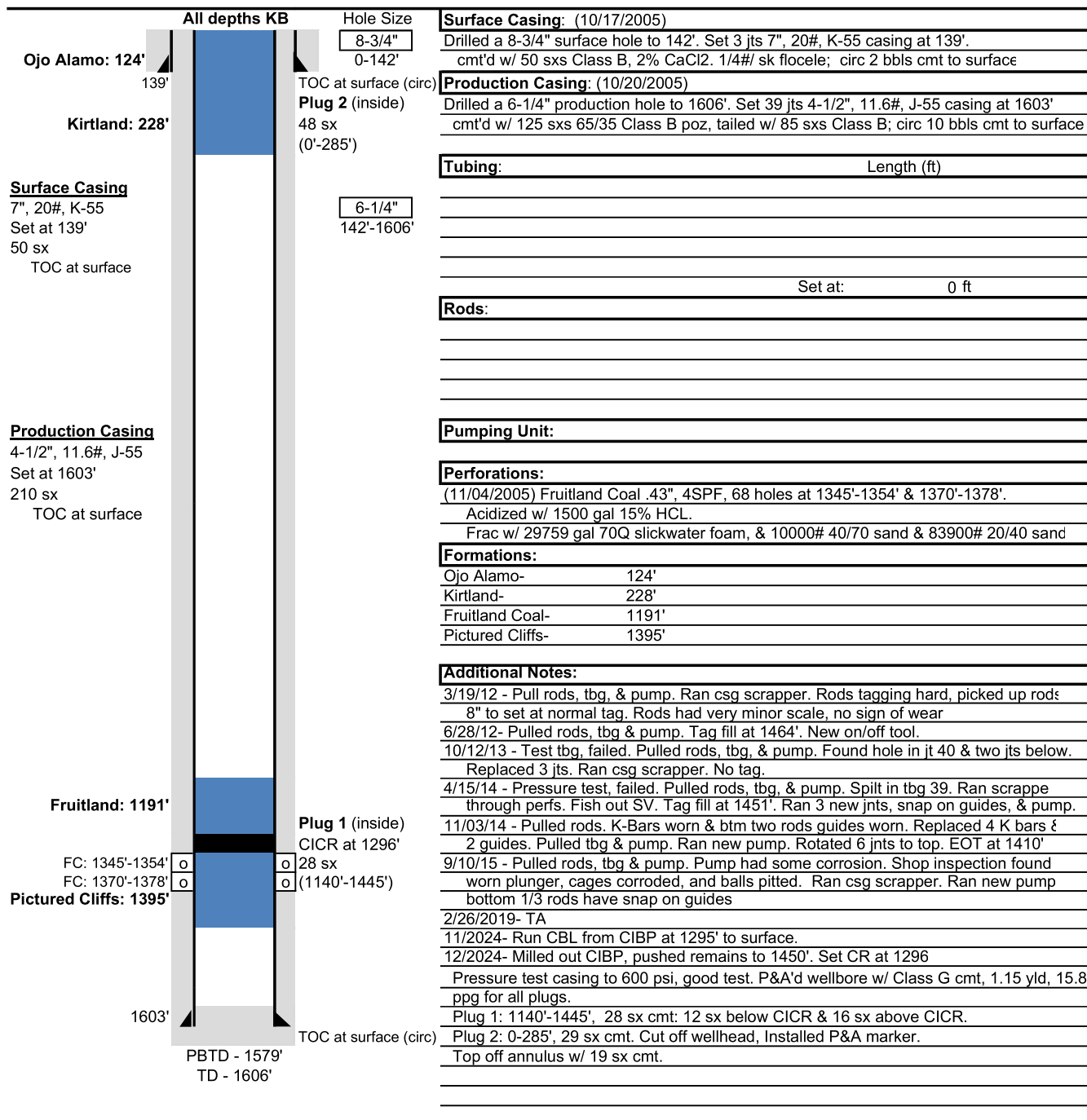
BHL: NENW / 660 FNL / 2630 FWL / TWSP: 27N / SECTION: / LAT: 36.5952 / LONG: 108.188555 ( TVD: 0 feet, MD: 0 feet )



### P&A Wellbore Schematic

Well Name:	Richardson 101S	
Location:	UL C, Sec 11, T27N, R13W 660' FNL & 2630' FWL	
County:	San Juan	
API #:	30-045-31674	
Co-ordinates:	Lat 36.5951996° Long -108.1885986°	
Elevations:	GROUND:	5927'
	KB:	5932'
Depths (KB):	PBTD:	1579'
	TD:	1606'

Date Prepared: 2/18/2019 Hespe  
 Last Updated: 1/9/2025 Peace  
 Reviewed By: Jan 15, 2025 *Carissa Collins*  
 Spud Date: 10/17/2005  
 Completion Date: 11/4/2005  
 Last Workover Date: 12/19/2024 P&A









**From:** [Kuehling, Monica, EMNRD](#)  
**To:** [Kade, Matthew H](#); [Lacey Granillo](#); [Rennick, Kenneth G](#); [Lucero, Virgil S](#); [Porch, Dustin T](#)  
**Cc:** [Etta Trujillo](#); [Vanessa Fields](#); [Catlain Richardson](#); [Krista McWilliams](#); [Courtney Peace](#)  
**Subject:** RE: [EXTERNAL] FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 342652  
**Date:** Thursday, December 5, 2024 9:15:04 AM  
**Attachments:** [image001.png](#)

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NMOCD approves below changes

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

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**From:** Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>  
**Sent:** Thursday, December 5, 2024 8:22 AM  
**To:** Lacey Granillo <[lgranillo@logosresourcesllc.com](mailto:lgranillo@logosresourcesllc.com)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Lucero, Virgil S <[vlucero@blm.gov](mailto:vlucero@blm.gov)>; Porch, Dustin T <[dporch@blm.gov](mailto:dporch@blm.gov)>  
**Cc:** Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Vanessa Fields <[vfields@logosresourcesllc.com](mailto:vfields@logosresourcesllc.com)>; Catlain Richardson <[crichardson@logosresourcesllc.com](mailto:crichardson@logosresourcesllc.com)>; Krista McWilliams <[kmcwilliams@logosresourcesllc.com](mailto:kmcwilliams@logosresourcesllc.com)>; Courtney Peace <[cpeace@logosresourcesllc.com](mailto:cpeace@logosresourcesllc.com)>  
**Subject:** Re: [EXTERNAL] FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 342652

The BLM approves of the updated procedure

Thanks,

**Matthew Kade**  
Petroleum Engineer  
BLM - Farmington Field Office  
6251 College Blvd  
Farmington, NM 87402  
Office: (505) 564-7736

---

**From:** Lacey Granillo <[lgranillo@logosresourcesllc.com](mailto:lgranillo@logosresourcesllc.com)>  
**Sent:** Thursday, December 5, 2024 8:08 AM



**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Rennick, Kenneth G <[krennick@blm.gov](mailto:krennick@blm.gov)>; Lucero, Virgil S <[vlucero@blm.gov](mailto:vlucero@blm.gov)>; Kade, Matthew H <[mkade@blm.gov](mailto:mkade@blm.gov)>; Porch, Dustin T <[dporch@blm.gov](mailto:dporch@blm.gov)>  
**Cc:** Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Vanessa Fields <[vfields@logosresourcesllc.com](mailto:vfields@logosresourcesllc.com)>; Catlain Richardson <[crichardson@logosresourcesllc.com](mailto:crichardson@logosresourcesllc.com)>; Krista McWilliams <[kmcwilliams@logosresourcesllc.com](mailto:kmcwilliams@logosresourcesllc.com)>; Courtney Peace <[cpeace@logosresourcesllc.com](mailto:cpeace@logosresourcesllc.com)>  
**Subject:** RE: [EXTERNAL] FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 342652

Sorry about that. Please see if this one will open.



**Lacey Granillo**

Regulatory Specialist

Cell: 505-787-0118

[lgranillo@logosresourcesllc.com](mailto:lgranillo@logosresourcesllc.com)

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**From:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Sent:** Thursday, December 5, 2024 7:56 AM  
**To:** Lacey Granillo <[lgranillo@logosresourcesllc.com](mailto:lgranillo@logosresourcesllc.com)>; [krennick@blm.gov](mailto:krennick@blm.gov); [vlucero@blm.gov](mailto:vlucero@blm.gov); [MKADE@BLM.GOV](mailto:MKADE@BLM.GOV); [dporch@blm.gov](mailto:dporch@blm.gov)  
**Cc:** Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Vanessa Fields <[vfields@logosresourcesllc.com](mailto:vfields@logosresourcesllc.com)>; Catlain Richardson <[crichardson@logosresourcesllc.com](mailto:crichardson@logosresourcesllc.com)>; Krista McWilliams <[kmcwilliams@logosresourcesllc.com](mailto:kmcwilliams@logosresourcesllc.com)>; Courtney Peace <[cpeace@logosresourcesllc.com](mailto:cpeace@logosresourcesllc.com)>  
**Subject:** RE: [EXTERNAL] FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 342652

Hello Lacey

I am unable to open your attachment

Thank you

Monica Kuehling  
Compliance Officer Supervisor  
Deputy Oil and Gas Inspector  
New Mexico Oil Conservation Division  
North District  
Cell Phone: 505-320-0243  
Email - [monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)

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**From:** Lacey Granillo <[lgranillo@logosresourcesllc.com](mailto:lgranillo@logosresourcesllc.com)>

**Sent:** Thursday, December 5, 2024 7:45 AM

**To:** [krennick@blm.gov](mailto:krennick@blm.gov); [vlucero@blm.gov](mailto:vlucero@blm.gov); [MKADE@BLM.GOV](mailto:MKADE@BLM.GOV); Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; [dporch@blm.gov](mailto:dporch@blm.gov)

**Cc:** Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Vanessa Fields <[vfields@logosresourcesllc.com](mailto:vfields@logosresourcesllc.com)>; Catlain Richardson <[crichardson@logosresourcesllc.com](mailto:crichardson@logosresourcesllc.com)>; Krista McWilliams <[kmcwilliams@logosresourcesllc.com](mailto:kmcwilliams@logosresourcesllc.com)>; Courtney Peace <[cpeace@logosresourcesllc.com](mailto:cpeace@logosresourcesllc.com)>

**Subject:** [EXTERNAL] FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 342652

**CAUTION:** This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning BLM & OCD-

Please see attached the updated procedure for the upcoming P&A on the Richardson 101S. Please let LOGOS know if you have any questions.

Thank you,



**Lacey Granillo**

Regulatory Specialist

Cell: 505-787-0118

[lgranillo@logosresourcesllc.com](mailto:lgranillo@logosresourcesllc.com)

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**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us) <[OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)>

**Sent:** Tuesday, May 28, 2024 7:59 AM

**To:** Lacey Granillo <[lgranillo@logosresourcesllc.com](mailto:lgranillo@logosresourcesllc.com)>

**Subject:** The Oil Conservation Division (OCD) has approved the application, Application ID: 342652

To whom it may concern (c/o Lacey Granillo for LOGOS OPERATING, LLC),

The OCD has approved the submitted *NOI - Plug & Abandon* (C-103F), for API number (30-#) 30-045-31674,  
with the following conditions:

- **Notify NMOCD 24 hours prior to moving on - monitor string pressures daily report on subsequent - Submit all logs prior to subsequent - NMOCD concurs**

**with BLM on formation tops - add PC plug (PC top 1395)**

The signed C-103F can be found in the OCD Online: Imaging under the API number (30-#).

If you have any questions regarding this application, please contact me.

Thank you,  
Sarah McGrath  
Petroleum Specialist - A  
505-670-5601  
[SarahK.McGrath@emnrd.nm.gov](mailto:SarahK.McGrath@emnrd.nm.gov)

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505

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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 438151

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 438151
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	This well is Federal minerals Tribal surface - did not state in NOI request for below grade marker - submit google earth picture and gps reading of below grade marker prior to backfill. - subsequent shows 0 psi for what - is that all strings CBL submitted - well plugged 12/20/2024	3/4/2025