

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.5. Lease Serial No.
NMSF 077972A
6. If Indian, Allottee or Tribe Name**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
LOGOS Operating, LLC3a. Address
2010 Afton Place
Farmington NM 874013b. Phone No. (include area code)
505-278-87204. Location of Well (Footage, Sec., T., R., M., or Survey Description)
840 FSL & 1720 FEL, O Sec 02 T27N R13W7. If Unit of CA/Agreement, Name and/or No.
NMNM735338. Well Name and No.
Richardson 1E9. API Well No.
30-045-2490910. Field and Pool or Exploratory Area
Basin Dakota11. Country or Parish, State
San Juan County, 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 recompleat 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 performed 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 recompleat 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 determined that the site is ready for final inspection.)

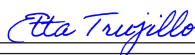
The subject well has been plugged and abandoned on 4/22/2022. See attached report and wellbore schematic.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Etta Trujillo

Title Regulatory Specialist

Signature



Date 05/17/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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.

(Instructions on page 2)

Well Name: RICHARDSON	Well Location: T27N / R13W / SEC 2 / SWSE / 36.599228 / -108.184738	County or Parish/State: SAN JUAN / NM
Well Number: 1E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077972A	Unit or CA Name:	Unit or CA Number: NMNM73533
US Well Number: 300452490900S1	Well Status: Abandoned	Operator: LOGOS OPERATING LLC

Subsequent Report

Sundry ID: 2672100

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 05/17/2022	Time Sundry Submitted: 09:18
Date Operation Actually Began: 04/08/2022	

Actual Procedure: The subject well has been plugged and abandoned on 4/22/2022. See attached report and wellbore schematic.

SR Attachments

Actual Procedure

3160_5_Richardson_1E_Subsequent_Report_Plugged_and_Abandoned__20220422_20220517091825.pdf

Well Name: RICHARDSON	Well Location: T27N / R13W / SEC 2 / SWSE / 36.599228 / -108.184738	County or Parish/State: SAN JUAN / NM
Well Number: 1E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077972A	Unit or CA Name:	Unit or CA Number: NMNM73533
US Well Number: 300452490900S1	Well Status: Abandoned	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: MAY 17, 2022 09:18 AM
Name: LOGOS OPERATING LLC
Title: Regulatory Specialist
Street Address: 2010 AFTON PLACE
City: Farmington **State:** 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: KENNETH G RENNICK
BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742
BLM POC Email Address: krennick@blm.gov
Disposition: Accepted
Disposition Date: 05/23/2022
Signature: Kenneth Rennick

Well Name: Richardson 1E

API: 30-045-24909

4/8/2022 - MIRU. ND WH, NU & Function test BOP. Attempt to release pkr. 2-3/8" tbg parted. TIH w/3-3/4" overshot w/2-3/8". PU tbg to 2700'. SIW. SDFWE.

4/11 - 14/2022 – continue to fish for parted 2-3/8" tbg. TOF @ 3639'. TOO. TIH w/3-3/4" overshot w/2-3/8" grapple, engage fish @ 3640'. RU WL and perforate tbg @ 3634'. RD WL. SIW. SDFN.

4/15/2022 – RU to swab. TOO. Lay down overshot. RU slip grip elevators, retrieved total fish (148jts 2-3/8"tbg). Laydown wash pipe & drill collars. SIW. SDFWE.

4/18/2022 - Round trip string mill. TIH w/CICR set @ 5924'. PT tbg to 500psi. Good test. Sting out of retainer, pump 95bbbls of KCL. TOO. RU WL. **Run CBL f/5924' t/surface. Received verbal approval from NMOCD and BLM.** TIH open ended to top of CICR @ 5924'. **Plug #1 (Dakota)** Mix & pumped 12sx (2.5bbbls, 15.8#, 1.15 yield) Class G cement f/5817' – t/5924'. Circ. SIW. WOC. (BLM witness on location - Darrell Priddy)

4/19/2022 – TIH tagged TOC @ 5817'. **Plug #2 (Gallup)** Mix & pumped 12sx (2.5bbbls, 15.8#, 1.15 yield) Class G cement f/5190' – t/5330'. Displaced w/ 20bbbls of FW. Circ. TOO. WOC. TIH tag cmt @ 5190'. **Plug #3 (Mancos)** Mix & pump 16sx (3.3bbbls, 15.8#, 1.15 yield) Class G cement f/4033' – t/4217'. Displaced w/15.5bbbls of FW. Circ. TOO. WOC. TIH, tag cmt @ 4033'. **Received verbal approval from NMOCD & BLM for inside plug. Plug #4 (Cliff House/Point Lookout)** Mix & pumped 20sx (4.1bbbls, 15.8#, 1.15 yield) Class G cement f/2716' - t/2948'. Displaced w/10.5bbbls of FW. Circ. TOO. WOC. SDFN. (BLM witness on location – Darrell Priddy)

4/20/2022 – TIH, tag TOC @ 2716'. PT csg to 600psi, lost 150psi in 5mins. PU to 2322'. **Plug #5 (Chacra)** Mix & pumped 16sx (3.3bbbls, 15.8#, 1.15 yield) Class G cement f/2120' – t/2322'. Displaced w/8.2bbbls of FW. Circ. TOO. WOC. TIH, tagged TOC @ 2120'. **Plug #6 (Fruitland/Pictured Cliffs)** Mix & pumped 47sx (9.7bbbls, 15.8#, 1.15yield) Class G cement f/845' – t/1450'. Displaced w/3.3bbbls of FW. Circ. TOO. WOC. PT casing to 600psi, lost psi 150psi in 5mins. TIH, tag TOC @ 845'. TOO. RU WL. **Run RCBL f/816' – to surface. Received verbal approval from NMOCD & BLM.** SIW. SDFN. (BLM witness on location – Darrell Priddy)

4/21/2022 – **Shut in 2hrs to monitor BH, per Monica Kuehling (NMOCD).** Pressure built to 5psi. **Received verbal approval from BLM & NMOCD. Plug #7 (Ojo Alamo/Kirtland)** inside plug. Mixed & pumped 33sx (6.8bbbls, 15.8#, 1.15yield) Class G cement f/277' – 700'. Displaced w/1.1bbbls of FW. Circ. TOO. **Plug #8 (surface)** inside/outside plug. RU WL. Perf'd sqz holes @ 275'. Established injection rate @ 700psi. no returns. TIH & set CICR @ 230'. Mixed & pumped 40sx (8.2bbbls, 15.8#, 1.15yield) Class G cement. Sting out of retainer w/500psi. Circ. TOO. RU WL. TIH & perforate @ 150'. Establish injection rate @ 600psi. No returns. TIH, mix & pumped 20sx (4.1bbbls, 15.8#, 1.15yield) Class G cement. Cement circulated to surface. TOO. ND BOP. NU WH. Mix 20sx (4.1bbbls, 15.8#, 1.15yield) Class G cement, sqz'd 1bbl @ 1500psi. SIW. WOC.

4/22/2022 – Cut off WH. Mixed & pumped 12sx (2.5bbbls, 15.8#, 1.15yield) Class G cement. Top off 4-1/2" & 8-5/8" csg. **Received verbal approval from NMOCD & BLM.** Install WH marker. RD.

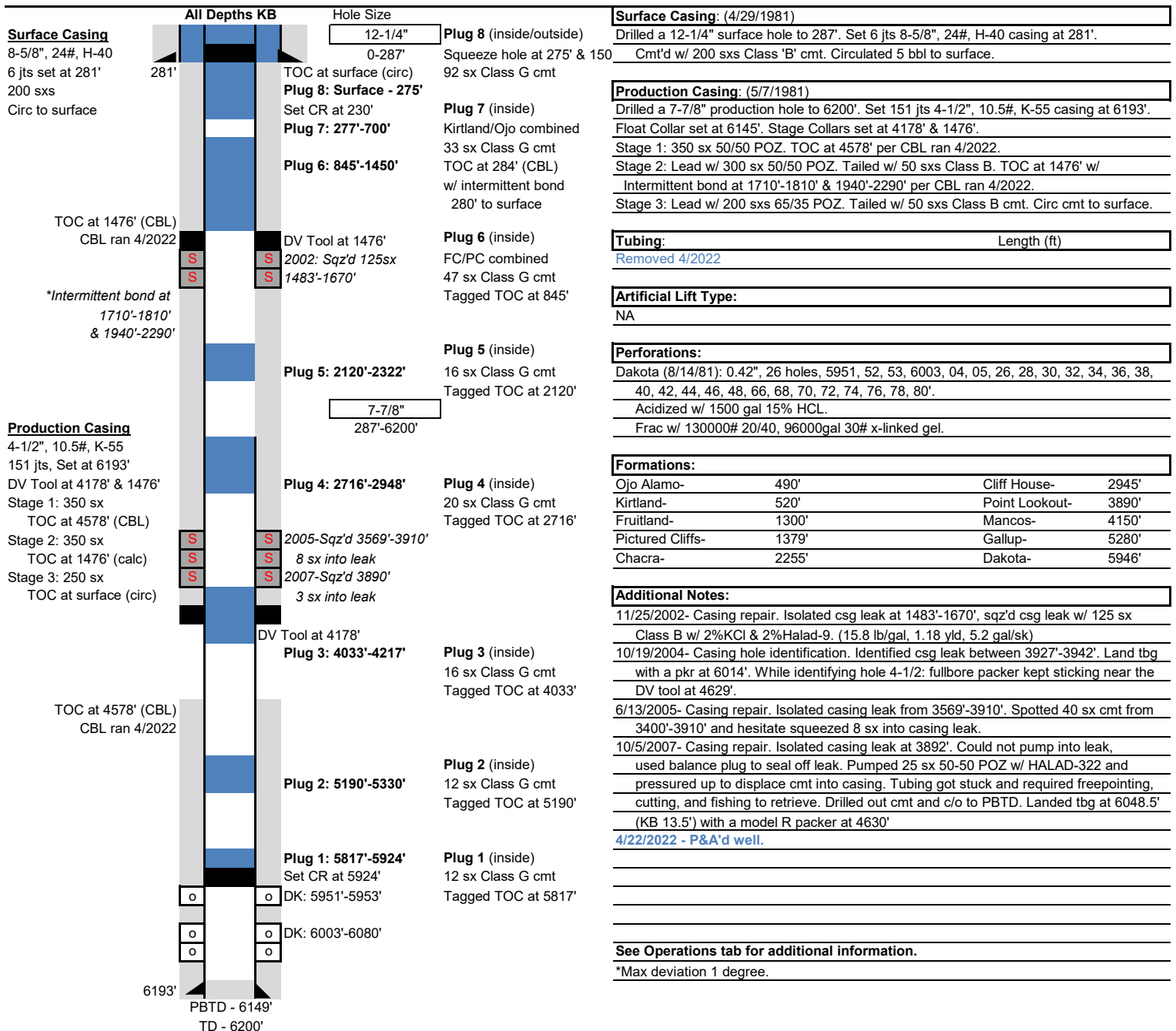
Well plugged & abandoned.



Wellbore Schematic

Well Name: Richardson 1E
 Location: Sec 2, T27N, R13W 840' FSL & 1720' FEL
 County: San Juan, NM
 API #: 30-045-24909
 Co-ordinates: Lat 36.5993156 Long -108.854172
 Elevations: GROUND: 5881'
 KB: 5894.5'
 Depths (KB): PBTD: 6149'
 TD: 6200'

Date Prepared: 2/18/2019 Hespe
 Last Updated: 4/28/2022 Moss
 Spud Date: 4/29/1981
 Completion Date: 8/15/1981
 Last Workover Date: 4/22/2022



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 118418

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 118418
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	None	6/17/2022