

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCB

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to replete an abandoned well. Use form 3160-3 (APD) for such proposals.*

RECEIVED  
JAN 30 2019

5. Lease Serial No.  
NMNM57721

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
EL ZORRO D FEDERAL 1

9. API Well No.  
30-041-20718-00-S1

10. Field and Pool or Exploratory Area  
ALLISON-UPPER PENN

11. County or Parish, State  
ROOSEVELT COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EOG Y RESOURCES INC  
Contact: TINA HUERTA  
E-Mail: tina\_huerta@eogresources.com

3a. Address  
105 SOUTH FOURTH STREET  
ARTESIA, NM 88210

3b. Phone No. (include area code)  
Ph: 575-748-4168

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 31 T8S R37E NENE 660FNL 660FEL  
33.583231 N Lat, 103.186229 W Lon

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<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"/> 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.

EOG Y Resources, Inc. plans to plug and abandon this well as follows:

- MIRU all safety equipment as needed. POOH with production equipment.
- RIH with GR/JB and to 9558 ft.
- Set a CIBP at 9558 ft. Spot 25 sx Class H cement on top of CIBP. This will cover the top of the Bough C.
- Tag TOC. Spot a 190 ft (25 sx) Class H cement plug from 8920 ft ? 9110 ft. This will cover the top of the Hueco.
- Spot a 170 ft (25 sx) Class H cement plug from 7595 ft ? 7765 ft. This will cover the top of the Abo.
- Spot a 160 ft (25 sx) Class H cement plug from 6817 ft ? 6977 ft. This will cover the top of the Tubb.

# Salt plug added.  
2900' - 2300'  
see COAs

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #449157 verified by the BLM Well Information System  
For EOG Y RESOURCES INC. sent to the Roswell  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 01/28/2019 (19JS0030SE)**

Name (Printed/Typed) TINA HUERTA Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 01/07/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By \_\_\_\_\_ Title **SEE ATTACHED FOR CONDITIONS OF APPROVAL**

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 **APPROVED**

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) **\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**FOR RECORD ONLY** Keyy Jonker NMOCB  
1-30-19

JAN 28 2019  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

**Additional data for EC transaction #449157 that would not fit on the form.**

**32. Additional remarks, continued**

7. Spot a 150 ft (25 sx) Class C cement plug from 5438 ft ? 5588 ft. This will cover the top of the Glorieta.
8. Perforate at 4247 ft.
9. Spot a 187 ft (50 sx) Class C cement plug from 4060 ft ? 4247 ft inside and outside the 5-1/2 inch casing. This will cover the 8-5/8 inch casing shoe and top of San Andres.
10. Tag TOC. Perforate at 1060 ft.
11. Spot a 250 ft (25 sx) Class C cement plug from 810 ft ? 1060 ft. *salt plug added.*
12. Perforate at 422 ft. Attempt to establish circulation between the 5-1/2 inch and 8-5/8 inch casing.
13. Spot a 422 ft (100 sx) Class C cement plug from 422 ft up to surface. This will cover the 13-3/8 inch casing shoe and the surface plug.
14. Back fill with quikcrete as necessary.
15. Cut off wellhead. Install dry hole marker and clean location as per regulated.

Wellbore schematics attached

**Revisions to Operator-Submitted EC Data for Sundry Notice #449157**

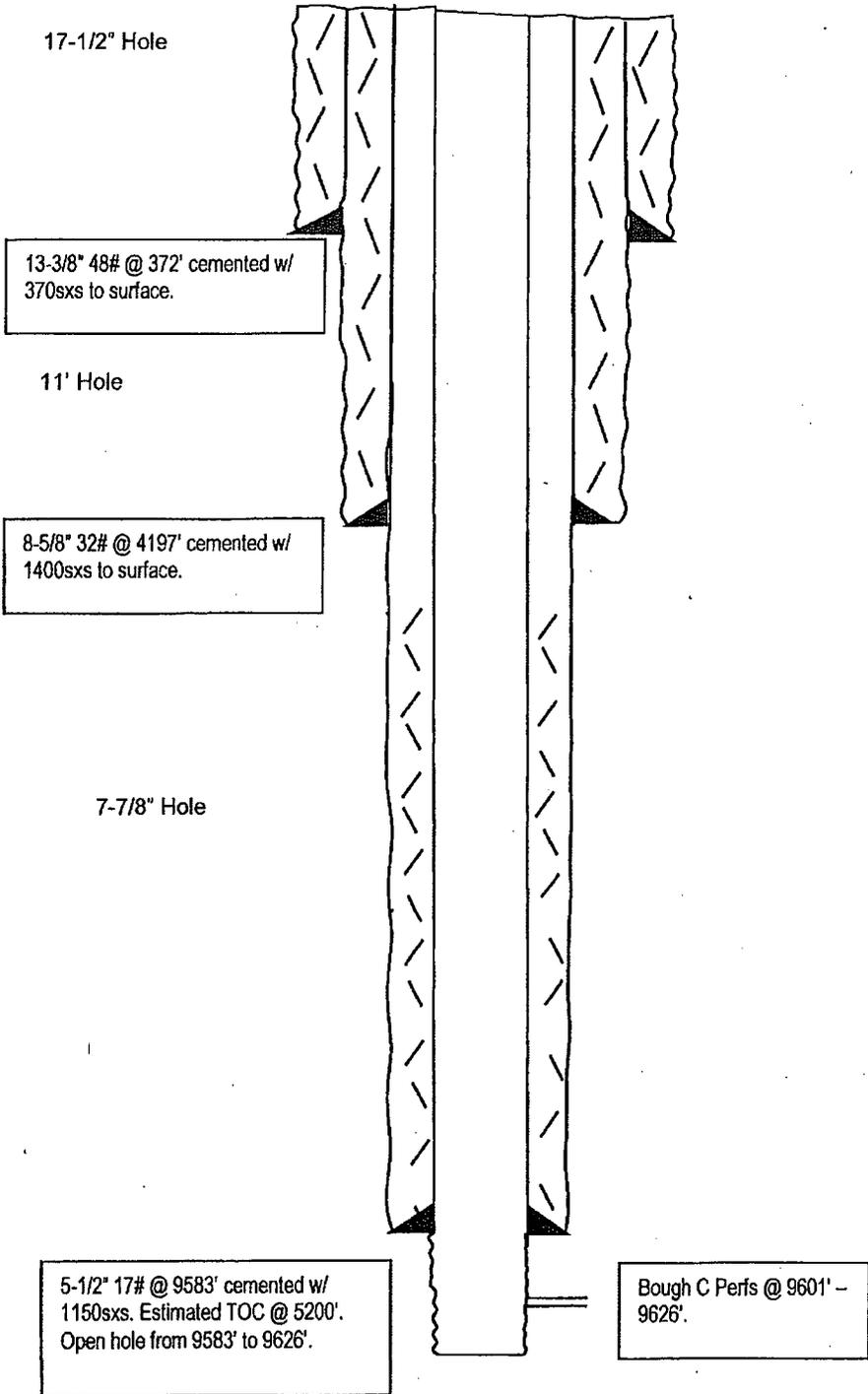
	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	ABD NOI	ABD NOI
Lease:	NMNM57721	NMNM57721
Agreement:		
Operator:	EOG Y RESOURCES, INC. 104 SOUTH FOURTH STREET ARTESIA, NM 88210 Ph: 575-748-1471	EOG Y RESOURCES INC 105 SOUTH FOURTH STREET ARTESIA, NM 88210 Ph: 575-748-1471
Admin Contact:	TINA HUERTA REGULATORY SPECIALIST E-Mail: tina_huerta@eogresources.com  Ph: 575-748-4168	TINA HUERTA REGULATORY SPECIALIST E-Mail: tina_huerta@eogresources.com  Ph: 575-748-4168
Tech Contact:	TINA HUERTA REGULATORY SPECIALIST E-Mail: tina_huerta@eogresources.com  Ph: 575-748-4168	TINA HUERTA REGULATORY SPECIALIST E-Mail: tina_huerta@eogresources.com  Ph: 575-748-4168
Location:		
State:	NM	NM
County:	ROOSEVELT	ROOSEVELT
Field/Pool:	ALLISON; PENN	ALLISON-UPPER PENN
Well/Facility:	EL ZORRO D FEDERAL 1 Sec 31 T8S R37E NENE 660FNL 660FEL	EL ZORRO D FEDERAL 1 Sec 31 T8S R37E NENE 660FNL 660FEL 33.583231 N Lat, 103.186229 W Lon

WELL NAME: El Zorro D Federal #1 FIELD: \_\_\_\_\_  
 LOCATION: 660' FNL & 660' FEL Sec. 31-8S-37E  
 GL: 4421' ZERO: \_\_\_\_\_ KB: \_\_\_\_\_  
 COMMENTS: API No.: 30-041-20718

**Before**

Casing Program	
Surface	13-3/8" 48# @ 372'
Intermediate	8-5/8" 32# @ 4197'
Production	5-1/2" 17# @ 9583'

Formations	
Tops	Depths (ft)
San Andres	4110
Glorieta	5538
Tubb	6917
Abo	7695
Hueco	9060
Bough C	9601



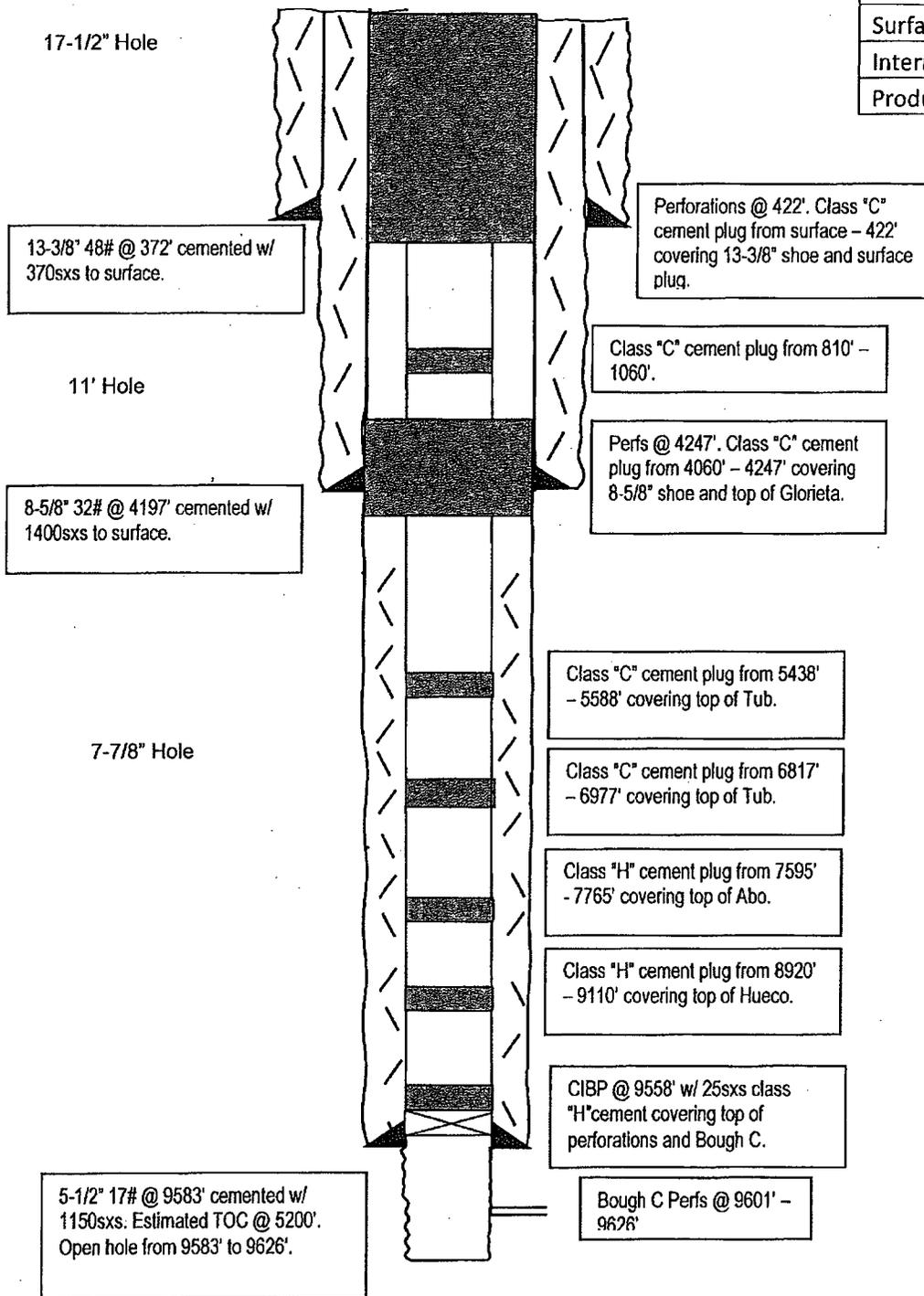
TD: 9626'  
 PBD: 9626'

Not to Scale  
 12/20/2018  
 SAA

WELL NAME: El Zorro D Federal #1 FIELD: \_\_\_\_\_  
 LOCATION: 660' FNL & 660' FEL Sec. 31-8S-37E  
 GL: 4421' ZERO: \_\_\_\_\_ KB: \_\_\_\_\_  
 COMMENTS: API No.: 30-041-20718

**After**

Casing Program	
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Formations	
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Hueco	9060
Bough C	9601

TD: 9626'  
 PBTD: 9626'

Not to Scale  
 12/20/2018  
 SAA

**El Zorro D Federal 1**  
**30-041-20718**  
**EOG Y RESOURCES, INC.**  
**January 28, 2019**  
**Conditions of Approval**

1. Operator shall place CIBP at 9,558' (50'-100' above top most perf) and place 25 sx of Class H cement on top as proposed. WOC and TAG.
2. Operator shall place a balanced Class H cement plug from 9,110'-8,920' as proposed.
3. Operator shall place a balanced Class H cement plug from 7,765'-7,595' to seal the top of the Abo Formation as proposed.
4. Operator shall place a balanced Class H cement plug from 6,977'-6,817' to seal the top of the Tubb Formation as proposed.
5. Operator shall place a balanced Class C cement plug from 5,588'-5,438' to seal the top of the Glorietta Formation as proposed.
6. Operator shall perf and squeeze at 4,247'. Operator shall place a balanced Class C cement plug from 4,247'-4,060' to seal the 8-5/8" shoe as proposed.
7. Operator shall perf and squeeze at 2,900'. Operator shall place a balanced Class C cement plug from 2,900'-2300' to seal the Salt formation. WOC and TAG.
8. Operator shall perf and squeeze at 422'. Operator shall place a balanced Class C cement plug from 422'- surface to isolate the 13-3/8" shoe.
9. See Attached for general plugging stipulations.

JAM 012819

**BUREAU OF LAND MANAGEMENT**  
**Roswell Field Office**  
**2909 W. Second Street**  
**Roswell, New Mexico 88201**  
**575-627-0272**

**General Requirements for Plug Backs**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from this approval.

**If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. Call 575-627-0205.
3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.
5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. **Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Subsequent Plug back Reporting: Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.**
7. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.