

Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM  
 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

WELL API NO. 30-015-25848
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VB-145
7. Lease Name or Unit Agreement Name Richard Knob AEX State
8. Well Number 1
9. OGRID Number 7377
10. Pool name or Wildcat Collins Ranch; Wolfcamp

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other P&A <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Richard Knob AEX State
2. Name of Operator EOG Resources, Inc.	8. Well Number 1
3. Address of Operator 104 South Fourth Street, Artesia, NM 88210	9. OGRID Number 7377
4. Well Location Unit Letter <u>G</u> : <u>1980</u> feet from the <u>North</u> line and <u>1980</u> feet from the <u>East</u> line Section <u>34</u> Township <u>17S</u> Range <u>24E</u> NMPM <u>Eddy</u> County	10. Pool name or Wildcat Collins Ranch; Wolfcamp
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3751'GR	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
 DOWNHOLE COMMINGLE ☐  
 CLOSED-LOOP SYSTEM ☐  
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
 COMMENCE DRILLING OPNS. ☐ P AND A ☒  
 CASING/CEMENT JOB ☐  
 OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

9/27/21 – 10/7/21 – MIRU and NU BOP. RIH and tagged at 4965'. Released RBP and tried to POOH, no plug. TIH and tagged at 5007' which is closer to where the plug should have been at 5000'. Released plug and POOH. RIH and cleaned out to 6625' and circulated hole clean. TIH and tagged at 6625'. RIH and cleaned down to 6836' and circulated hole clean. RIH and cleaned out to 6850'. TIH and tagged at 6851'. Gilbert Cordero with NMOCD-Artesia gave ok to start plugging procedure at the point of RBP at 7005' but try to get as close as possible to the plug. TIH and tagged at 6851' could not get through bad spot in casing. We were able to get through bad area and back out with little resistance. Went down about 2' and tagged, worked it slow and made about 5'. Stopped making hole at that point. Getting returns of crushed cement and scale and formation. Gilbert Cordero with NMOCD-Artesia gave the go ahead to plug this well at 6850'. Pressured tested to 1500 psi, good. RD.  
 10/20/21 – MIRU and NU BOP to begin plugging the well. Perforated at 6850'. Spotted a 45 sx Class "C" cement plug from 6850'-6770', tagged. Perforated at 6600'. Spotted a 45 sx Class "C" cement plug from 6625'-6176', tagged.  
 10/21/21 – Set a CIBP at 6075' with 30 sx Class "C" cement on top to 5754', tagged.  
 10/22/21 – Perforated at 5100'. Spotted a 30 sx Class "C" cement plug from 5120'-4980, tagged. Re-spotted plug with 25 sx Class "C" cement plug from 4960'-4960' calc TOC.  
 10/25/21 – Tagged TOC 4960'. Decision made to pump another 35 sx cement. Pumped another 35 sx Class "C" cement from 4960'-4640', tagged.  
 10/26/21 – Pressured up to 500 psi, good. Perforated at 4590'. Spotted a 25 sx Class "C" cement plug from 4640'-4398', tagged. Perforated at 3900'. Pressured up to 500 psi, good. Spotted a 25 sx Class "C" cement plug from 3900'-3683, tagged.  
 10/27/21 – Perforated at 1950'. Pressured up to 500 psi, good. Spotted a 25 sx Class "C" cement plug from 2000'-1752', tagged. Perforated at 1160'. Squeezed with a 33 sx Class "C" in/out cement plug from 1160'-1010' estimated TOC.  
 11/1/21 – Pumped 200 sx Class "C" cement from 303' and circulated up to surface. Cement good on both sides.  
 11/4/21 – Cut off wellhead and installed above ground dry hole marker. Cut off anchors and cleaned location. **WELL IS PLUGGED AND ABANDONED.**

Spud Date:

Rig Release Date:

Approved for plugging of well bore only. Liability under bond is retained pending Location cleanup & receipt of C-103Q (Subsequent Report of Well Plugging) which may be found at OCD Web Page, OCD Permitting @ [www.emnrd.state.nm.us](http://www.emnrd.state.nm.us)

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

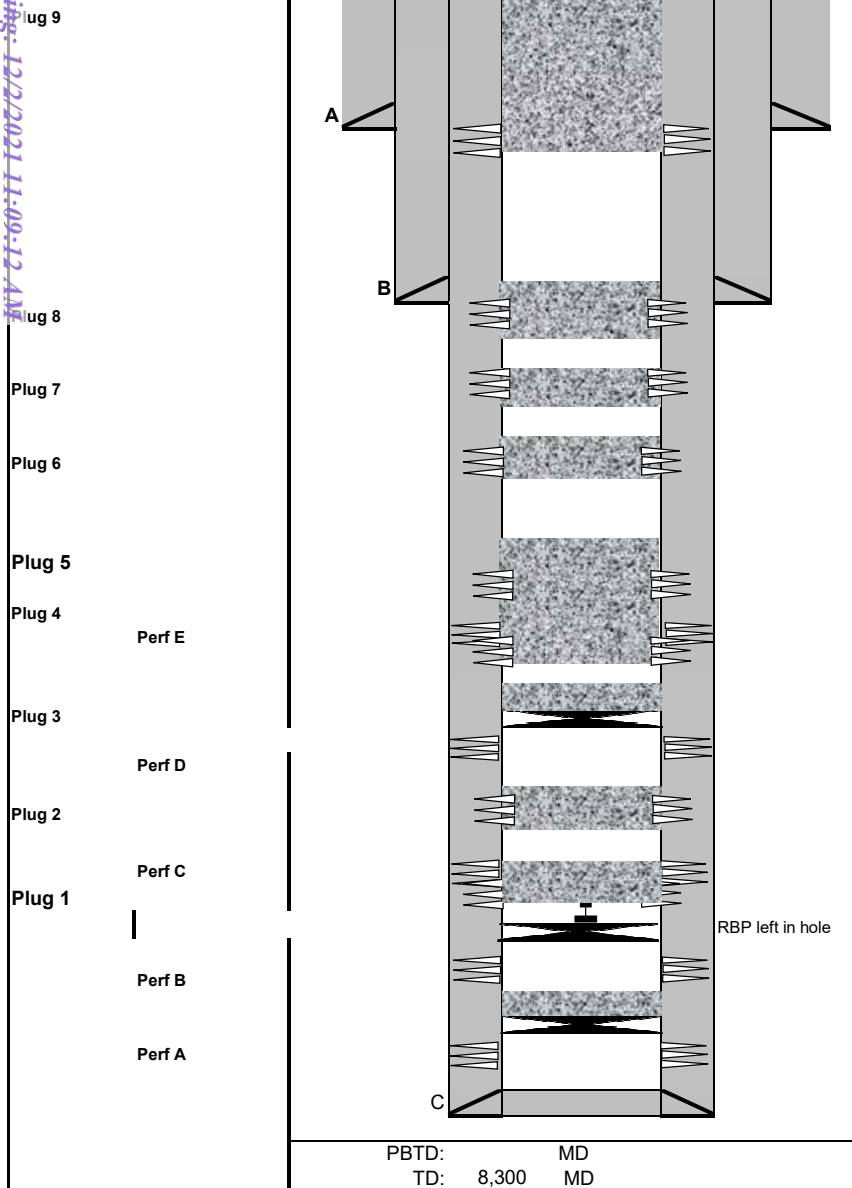
SIGNATURE Tina Huerta TITLE Regulatory Specialist DATE November 28, 2021

Type or print name Tina Huerta E-mail address: [tina.huerta@eogresources.com](mailto:tina.huerta@eogresources.com) PHONE: 575-748-4168

**For State Use Only**

APPROVED BY: [Signature] TITLE Staff Manager DATE 11/30/2021  
 Conditions of Approval (if any):

## Richard Knob AEX State 1



Sec-TWN-RNG:

Sec. 34-17S-24E

API: 30-015-25848

FOOTAGES:

1980' FNL &amp; 1980' FEL

GL: 3751

KB:

## CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC
A	17 1/2	13 3/8	54.5	J-55	0	250	425	Circ
B	12 1/4	8 5/8	24	J-55	0	1,110	800	Circ
C	7 7/8	5 1/2	15.5/17	J-55	0	8,300	1950	

## FORMATION TOPS

	Formation	Top		Formation	Top
	Glorieta	1898		Strawn	7284
	Tubb	3212		Atoka	7632
	Abo	3844		Morrow	7832
	Wolfcamp	4907		Chester	7949
	Canyon	6446		Mississippian	8087

## Perforation Detail

	Formation	Top	Bottom	Treatment
A	Morrow	7,932	7,935	Acidized w/1000g 7-1/2% Morrow acid
B	Strawn/Atoka	7,456	7,672	Acidized w/3000g 7-1/2% MS acid
C	Canyon	6,971	6,979	Acidized w/750g 7-1/2% MSA and 6 ball sealers
D	Wolfcamp	6,125	6,264	Acidized w/1500g 15% NEFE acid and ball sealers
E	Wolfcamp	4,915	4,982	Acidized w/6000g 15% NEFE acid and ball sealers

CIBP at 7772 w/35' cement

## Plugs

#	SX	Class	Top	Bottom	Tag	Notes
1	45	C	6770	6850	Y	Perforated
2	45	C	6176	6625	Y	Perforated
3	30	C	5754	6075	Y	CIBP
4	90	C	4640	5120	Y	Perforated
5	25	C	4398	4640	Y	Perforated
6	25	C	3683	3900	Y	Perforated
7	25	C	1752	2000	Y	Perforated
8	33	C	1010	1160	N	Perforated
9	200	C	0	303	N	

11/28/21

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CONDITIONS

Action 63764

**CONDITIONS**

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 63764
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
gcordero	None	11/30/2021