

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. 30-015-24096
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Emma QE Com
8. Well Number 2
9. OGRID Number 7377
10. Pool name or Wildcat Penasco Draw; Permo Penn

SUNDRY NOTICES AND REPORTS ON WELLS (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"/>	
2. Name of Operator EOG Resources, Inc.	
3. Address of Operator 104 South Fourth Street, Artesia, NM 88210	
4. Well Location Unit Letter <u>O</u> : <u>660</u> feet from the <u>South</u> line and <u>1980</u> feet from the <u>East</u> line Section <u>21</u> Township <u>19S</u> Range <u>24E</u> NMPM Eddy County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3712'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.

4/7/22-5/24/22 – MIRU and NU BOP. RIH to try to release RBP's at 7008' and 6963'. TIH and tagged at 5885'. Rig up power swivel and started washing down to 5940' and circulated hole clean. Work and rotate down over top of fish several times. PU swivel and started washing over fish at 5981' and continued washing down to 6045' and tagged fish. Continued washing down to 6057'. Circulated hole clean, got a lot of small pieces of pipe back. Tagged at 6057' and started washing over fish. Circulated hole clean. Trip back in hole and tag TOF 6211'. Latched onto fish and tried releasing on/off tool. Started washing down to 6230'. Tagged fish at 6230'. Started washing down and made 5' to 6235'. Clean out to 6238'. Pulled heavy 3 times. Each time go down hit same spot at 6235'. Recovered approximately 5 gallon bucket of scale and cement. Making no hole.
 5/25/22 – RIH with tubing and tagged at 6231'. Spotted 50 sx Class "C" cement from 6231'-5728', tagged. Pressured up to 1300 psi, held good. Approximately 16.4 sx cement squeezed behind 4-1/2" and 33.5 sx cement inside 4-1/2" casing.
 5/26/22-5/27/22 - RIH and drilled out cement from 5728'-5910' and circulated clean. Drilled out cement from 5910'-6104' and circulated clean.
 6/2/22 – Drilled down to 6236'. Started to drill up formation, scale and cement pieces that had fallen in hole before cementing. Made 10' to 6244' and circulated clean. RIH to continue drilling and started washing down and started torquing up. Found bit worn and bearing loose. RIH and tagged total 6' high. Called David Alvarado with NMOC-Artesia and left him a message on what was going on with the well. Also texted him first thing with same message.
 6/3/22 – David Alvarado gave verbal approval to commence plugging operations. TIH and tagged top of fill at 6238'. Set a CIBP at 6232'. Spotted 26 sx Class "C" cement on top of CIBP to 5999', tagged. Tagged 149' too low. Talked to David Alvarado and gave approval to go ahead and pump cement plug instead of CIBP as originally approved.
 6/6/22 - Spotted 80 sx Class "C" cement from 5999'-4809', tagged. Texted David Alvarado to let him know where we tagged. Spotted a 35 sx Class "C" cement plug from 3903'-3347' calc TOC. No tag required.
 6/7/22 – Perforated at 1815'. Squeezed with 35 sx Class "C" at 1815'. Did not tag any cement. Squeezed with another 35 sx Class "C" cement from 1815'-1485', tagged. Texted David Alvarado and let him know where we tagged.
 6/8/22 – Perforated at 1150'. Squeezed with 35 sx Class "C" cement from 1150'-915', tagged. Texted David Alvarado and let him know where we tagged. Perforated at 441'. Squeezed with 157 sx Class "C" cement at 441' and circulated up to surface in 4-1/2" casing and 8-5/8" casing. David Alvarado verified cement to surface by picture.
 6/9/22 – 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

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

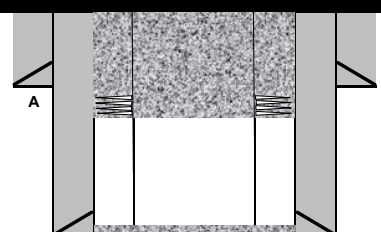
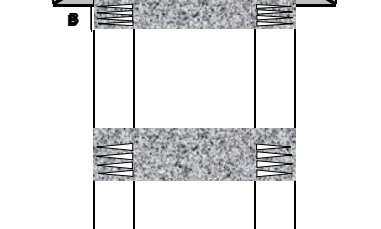
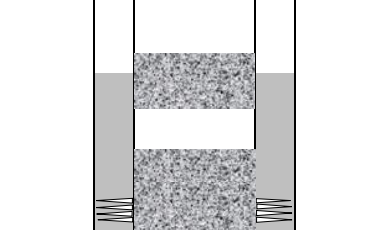
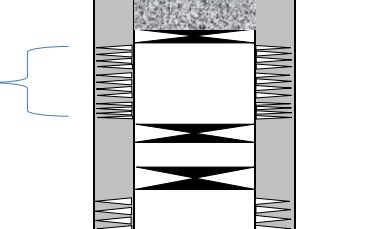
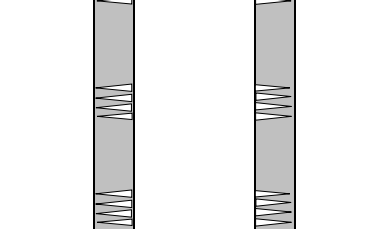
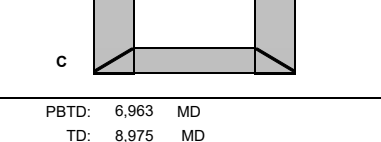
SIGNATURE Tina Huerta TITLE Regulatory Specialist DATE June 22, 2022

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

For State Use Only

APPROVED BY: [Signature] TITLE Staff Manager DATE 7/26/2022

Conditions of Approval (if any):

Emma QE Com 2		Sec-TWN-RNG: Sec. 21-19S-24E	API: 30-015-24096								
		FOOTAGES: 660'FSL & 1980'FEL	GL: 3712'								
			KB:								
Plug 6		Casing Detail									
		#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
		A	17 1/2	13 3/8	48	?	0	275	300	Circ	
		B	12 1/4	8 5/8	24	?	0	1,099	800	Circ	
		C	7 7/8	4 1/2	11.6 & 10.5	K-55	0	8,975	1200	3510	CBL
		Formation Tops									
				FORMATION	TOP			Fromation	TOP		
				San Andres	391			Morrow	8653		
				Glorieta	1765						
				Abo	3825						
				Wolfcamp	4965						
				Cisco	6228						
				Canyon	7296						
				Strawn	7754						
		Atoka	8388								
Plug 5		Perforation Detail									
			Formation	Top	Bottom	Treatment					
		A	Morrow	8,711	8,744	2500 gals. 7.5% MSA, N2 and 8 balls					
		B	Strawn	7,987	8,002	2500 gals. 7.5% MSA, N2 and 24 balls. Frac'd w/5000# 100 mesh + 30000# 20/40 sand. 1000gal 7.5% MSA + 15000gal gelled KCL & CO2					
		C	Canyon	7,479	7,567	2500gal 15% NEFE acid and 11 ball sealers					
		D	Cisco	6270	6940	4500gal 15% MCA, N2 + ball sealers. 3000gal. 15% NE acid, N2 + balls					
		E	Wolfcamp	5872	5876	1000gal 15% MCA + 6 ball sealers					
		Perforation Detail									
		#	SX	Class	Top	Bottom	Tag	Notes			
		1	26	C	5999	6232	Y	CIBP			
		2	80	C	4809	5999	Y				
		3	35	C	3347	3903	N				
		4	70	C	1485	1815	Y	Perforate			
		5	35	C	915	1150	Y	Perforate			
		6	157	C	0	441	N	Perforate			
Plug 4		Perforation Detail									
			Formation	Top	Bottom	Treatment					
		A	Morrow	8,711	8,744	2500 gals. 7.5% MSA, N2 and 8 balls					
		B	Strawn	7,987	8,002	2500 gals. 7.5% MSA, N2 and 24 balls. Frac'd w/5000# 100 mesh + 30000# 20/40 sand. 1000gal 7.5% MSA + 15000gal gelled KCL & CO2					
		C	Canyon	7,479	7,567	2500gal 15% NEFE acid and 11 ball sealers					
		D	Cisco	6270	6940	4500gal 15% MCA, N2 + ball sealers. 3000gal. 15% NE acid, N2 + balls					
		E	Wolfcamp	5872	5876	1000gal 15% MCA + 6 ball sealers					
		Perforation Detail									
		#	SX	Class	Top	Bottom	Tag	Notes			
		1	26	C	5999	6232	Y	CIBP			
		2	80	C	4809	5999	Y				
		3	35	C	3347	3903	N				
		4	70	C	1485	1815	Y	Perforate			
		5	35	C	915	1150	Y	Perforate			
		6	157	C	0	441	N	Perforate			
Plug 3		Perforation Detail									
			Formation	Top	Bottom	Treatment					
		A	Morrow	8,711	8,744	2500 gals. 7.5% MSA, N2 and 8 balls					
		B	Strawn	7,987	8,002	2500 gals. 7.5% MSA, N2 and 24 balls. Frac'd w/5000# 100 mesh + 30000# 20/40 sand. 1000gal 7.5% MSA + 15000gal gelled KCL & CO2					
		C	Canyon	7,479	7,567	2500gal 15% NEFE acid and 11 ball sealers					
		D	Cisco	6270	6940	4500gal 15% MCA, N2 + ball sealers. 3000gal. 15% NE acid, N2 + balls					
		E	Wolfcamp	5872	5876	1000gal 15% MCA + 6 ball sealers					
		Perforation Detail									
		#	SX	Class	Top	Bottom	Tag	Notes			
		1	26	C	5999	6232	Y	CIBP			
		2	80	C	4809	5999	Y				
		3	35	C	3347	3903	N				
		4	70	C	1485	1815	Y	Perforate			
		5	35	C	915	1150	Y	Perforate			
		6	157	C	0	441	N	Perforate			
Plug 2		Perforation Detail									
			Formation	Top	Bottom	Treatment					
		A	Morrow	8,711	8,744	2500 gals. 7.5% MSA, N2 and 8 balls					
		B	Strawn	7,987	8,002	2500 gals. 7.5% MSA, N2 and 24 balls. Frac'd w/5000# 100 mesh + 30000# 20/40 sand. 1000gal 7.5% MSA + 15000gal gelled KCL & CO2					
		C	Canyon	7,479	7,567	2500gal 15% NEFE acid and 11 ball sealers					
		D	Cisco	6270	6940	4500gal 15% MCA, N2 + ball sealers. 3000gal. 15% NE acid, N2 + balls					
		E	Wolfcamp	5872	5876	1000gal 15% MCA + 6 ball sealers					
		Perforation Detail									
		#	SX	Class	Top	Bottom	Tag	Notes			
		1	26	C	5999	6232	Y	CIBP			
		2	80	C	4809	5999	Y				
		3	35	C	3347	3903	N				
		4	70	C	1485	1815	Y	Perforate			
		5	35	C	915	1150	Y	Perforate			
		6	157	C	0	441	N	Perforate			
Plug 1		Perforation Detail									
			Formation	Top	Bottom	Treatment					
		A	Morrow	8,711	8,744	2500 gals. 7.5% MSA, N2 and 8 balls					
		B	Strawn	7,987	8,002	2500 gals. 7.5% MSA, N2 and 24 balls. Frac'd w/5000# 100 mesh + 30000# 20/40 sand. 1000gal 7.5% MSA + 15000gal gelled KCL & CO2					
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		E	Wolfcamp	5872	5876	1000gal 15% MCA + 6 ball sealers					
		Perforation Detail									
		#	SX	Class	Top	Bottom	Tag	Notes			
		1	26	C	5999	6232	Y	CIBP			
		2	80	C	4809	5999	Y				
		3	35	C	3347	3903	N				
		4	70	C	1485	1815	Y	Perforate			
		5	35	C	915	1150	Y	Perforate			
		6	157	C	0	441	N	Perforate			
TOC = 3510'											
Wolfcamp perms 5872-5876											
Cisco perms 6270-6940											
Existing RBP's											
Canyon perms 7479-7567											
Strawn perms 7987-8002											
Morrow perms 8711-8744											
PBTD: 6,963 MD											
TD: 8,975 MD											
		6/22/2022									

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

CONDITIONS

Action 115391

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 115391
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	7/26/2022