

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. 30-005-63509
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VA-1834
7. Lease Name or Unit Agreement Name Ten Mile BBE State Com
8. Well Number 1
9. OGRID Number 7377
10. Pool name or Wildcat Windmill; Strawn

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 checked="" type="checkbox"/> Other <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>G</u> : <u>1650</u> feet from the <u>North</u> line and <u>1650</u> feet from the <u>East</u> line Section <u>33</u> Township <u>14S</u> Range <u>28E</u> NMPM Chaves County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3583'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: ☐

Notify OCD 24 hrs. prior to any work done

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.

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

- MIRU all safety equipment as needed. NU BOP. POOH with production equipment.
- Spot a 25 sx Class "H" cement plug from 9058'-8720'. WOC and tag. This will cover Mississippian, Chester and Austin tops.
- Set a CIBP at 8672' with 8 sx Class "H" cement on top to 8564'. WOC and tag. This will cover Morrow perms and top. **Dump bail cmt**
- Set a CIBP at 8546' with 8 sx Class "H" cement on top to 8438'. WOC and tag. This will cover Atoka perms and top. **Dump bail cmt**
- Set a CIBP at 8374' with 10 sx Class "H" cement on top to 8239'. WOC and tag. This will cover Strawn perms. **Dump bail cmt**
- Spot a 25 sx Class "H" cement plug from 7926'-7588'. This will cover Strawn top.
- Set a CIBP at 7661' with 10 sx Class "H" cement on top to 7526'. WOC and tag. This will cover Cisco perms. **Dump bail cmt**
- Spot a 25 sx Class "C" cement plug from 7412'-7034'. This will cover Cisco top.
- Spot a 25 sx Class "C" cement plug from 6634'-6256'. This will cover Wolfcamp top.
- Spot a 25 sx Class "C" cement plug from 5461'-5083'. This will cover Abo top.
- Spot a 25 sx Class "C" cement plug from 4698'-4320'. This will cover Tubb top.
- Perforate at 3365'. Spot a 25 sx Class "C" cement plug from 3365'-2987'. WOC and tag. This will cover casing shoe and Glorieta top.
- Perforate at 1878'. Spot a 45 sx Class "C" cement plug from 1878'-1418'. WOC and tag. This will cover San Andres and Grayburg top and TOC.
- Perforate at 1222'. Spot a 30 sx Class "C" cement plug from 1222'-1098'. WOC and tag. This will cover Queen top.
- Perforate at 638'. Spot a 30 sx Class "C" cement plug from 638'-514'. WOC and tag. This will cover Seven Rivers top.
- Perforate at 500'. Spot a 40 sx Class "C" cement plug from 500'-335'. WOC and tag. This will cover Yates top and casing shoe.
- Perforate at 57'. Spot a 14 sx Class "C" cement plug from 57' up to surface. Backfill as needed.
- Cut off wellhead and install dry hole marker. Clean location as per regulated.

Wellbore schematics attached.

Spud Date:

Rig Release Date:

****SEE ATTACHED COA's****

Must be plugged by 6/14/2022

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 10, 2021

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 6/14/2021

Sec-TWN-RNG:		Sec. 33-14S-28E			API: 30-005-63509				
FOOTAGES:		1650'FNL & 1650'FEL			GL: 3583				
					KB:				
CASING DETAIL									
#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	48	H-40	0	430	450	Circ	
B	12 1/4	8 5/8	32	J-55	0	3,315	1550	Circ	
C	7 7/8	4 1/2	11.6	P-110	0	9,151	1960	1500	CBL
FORMATION TOPS									
		Formation	Top			Formation	Top		
		Yates	450			Atoka	8546		
		Seven Rivers	588			Morrow	8652		
		Queen	1172			Austin	8762		
		Grayburg	1770			Chester	8895		
		San Andres	1828			Mississippian	9008		
		Glorieta	3245						
		Tubb	4648						
		Abo	5411						
		Wolfcamp	6584						
		Cisco	7362						
		Strawn	7876						
TUBING DETAIL									
#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):
		2 3/8 tubing and packer						8,344	
Perforation Detail									
	Formation	Top	Bottom		Treatment				
A	Morrow	8,682	8,738		Acidize w/1600g 7-1/2% MSA, 1000 SCF N2 per bbl and balls				
					Frac w/32,000g 70Q linear 40# CMHPG/CO2 foam carrying				
					31,500g 20/40 Tempered DC sand				
B	Atoka	8,549	8,556		Acidize w/700g 7-1/2% MSA, 1000 SCF/bbl N2 and balls				
					Frac w/33,000g foamed 40# linear binary carrying 31,500#				
					Econoprop 20/40 sand				
C	Strawn	8,424	8,432		Acidize w/800g 7-1/2% IC HCL, 1000 SCF/bbl N2 and balls				
D	Cisco	7,711	7,724		Acidize w/1300g 20% IC HCL				
Prepared by: TH									

Plug 16: Surface Plug

Plug 15: Yates Top + Casing Shoe

Plug 14: Seven Rivers Top

Plug 13: Queen Top

Plug 12: San Andres + Gayburg + TOC

Plug 11: Casing Shoe + Glorieta Top

Plug 10: Tubb Top

Plug 9: Abo Top

Plug 8: Wolfcamp Top

Plug 7: Cisco Top

Plug 6: Cisco Perfs

Perf D

Plug 5: Strawn Top

Plug 4: CIBP + Strawn Perfs

Perf C

Plug 3: CIBP + Atoka Perfs + Top

Perf B

Plug 2: CIBP + Morrow Perfs + Top

Perf A

Plug 1: Mississippian + Chester + Austin Top

TOC 1500

A

B

C

CONDITIONS FOR PLUGGING AND ABANDONMENT

OCD - Southern District

The following is a guide or checklist in preparation of a plugging program, this is not all inclusive and care must be exercised in establishing special plugging programs in unique and unusual cases, **Notify NMOCD District Office II at (575)-748-1283 at least 24 hours before beginning work. After MIRU rig will remain on well until it is plugged to surface. OCD is to be notified before rig down. Company representative will be on location during plugging procedures.**

1. A notice of intent to plug and abandon a wellbore is required to be approved before plugging operations are conducted. A cement evaluation tool is required in order to ensure isolation of producing formations, protection of water and correlative rights. A cement bond log or other accepted cement evaluation tool is to be provided to the division for evaluation if one has not been previously run or if the well did not have cement circulated to surface during the original casing cementing job or subsequent cementing jobs. Insure all bradenheads have been exposed, identified and valves are operational prior to rig up.
2. Closed loop system is to be used for entire plugging operation. Upon completion, contents of steel pits are to be hauled to a permitted disposal location.
3. Trucking companies being used to haul oilfield waste fluids to a disposal – commercial or private – shall have an approved NMOCD C-133 permit. A copy of this permit shall be available in each truck used to haul waste products. It is the responsibility of the operator as well as the contractor, to verify that this permit is in place prior to performing work. Drivers shall be able to produce a copy upon request of an NMOCD Field inspector.
4. Filing a subsequent C-103 will serve as notification that the well has been plugged.
5. A final C-103 shall be filed (and a site inspection by NMOCD Inspector to determine if the location is satisfactorily cleaned, all equipment, electric poles and trash has been removed to Meet NMOCD standards) before bonding can be released.
6. If work has not begun within 1 Year of the approval of this procedure, an extension request must be file stating the reason the well has not been plugged.
7. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
8. Produced water **will not** be used during any part of the plugging operation.
9. Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
10. All cement plugs will be a minimum of 100' in length or a minimum of 25 sacks of cement, whichever is greater. 50' of calculated cement excess required for inside casing plugs and 100% calculated cement excess required on outside casing plugs.
11. Class 'C' cement will be used above 7500 feet.
12. Class 'H' cement will be used below 7500 feet.
13. A cement plug is required to be set 50' above and 50' below, casing stubs, DV tools, attempted casing cut offs, cement tops outside casing, salt sections and anywhere the casing is perforated, these plugs require a 4 hour WOC and then will be tagged
14. All Casing Shoes Will Be Perforated 50' below shoe depth and Attempted to be Squeezed, cement needs to be 50' above and 50' Below Casing Shoe inside the Production Casing.

16. When setting the top out cement plug in production, intermediate and surface casing, wellbores should remain full at least 30 minutes after plugs are set
17. A CIBP is to be set within 100' of production perforations, capped with 100' of cement, WOC 4 hours and tag.
18. A CIBP with 35' of cement may be used in lieu of the 100' plug if set with a bailer. This plug will be placed within 100' of the top perforation, (WOC 4 hrs and tag).
19. No more than 3000' is allowed between cement plugs in cased hole and 2000' in open hole.
20. Some of the Formations to be isolated with cement plugs are: These plugs to be set to isolate formation tops
 - A) Fusselman
 - B) Devonian
 - C) Morrow
 - D) Wolfcamp
 - E) Bone Springs
 - F) Delaware
 - G) Any salt sections
 - H) Abo
 - I) Glorieta
 - J) Yates.
 - K) **Potash---** (In the R-111-P Area (Potash Mine Area), a solid cement plug must be set across the salt section. Fluid used to mix the cement shall be saturated with the salts that are common to the section penetrated and in suitable proportions, not more than 3% calcium chloride (by weight of cement) will be considered the desired mixture whenever possible, WOC 4 hours and tag, this plug will be 50' below the bottom and 50' above the top of the Formation.
21. If cement does not exist behind casing strings at recommended formation depths, the casing can be cut and pulled with plugs set at recommended depths. If casing is not pulled, perforations will be shot and cement squeezed behind casing, WOC and tagged. These plugs will be set 50' below formation bottom to 50' above formation top inside the casing

DRY HOLE MARKER REQUIREMENTS

The operator shall mark the exact location of the plugged and abandoned well with a steel marker not less than four inches in diameter, 3' below ground level with a plate of at least ¼" welded to the top of the casing and the dry hole marker welded on the plate with the following information welded on the dry hole marker:

1. Operator name 2. Lease and Well Number 3. API Number 4. Unit Letter 5. Quarter Section (feet from the North, South, East or West) 6. Section, Township and Range 7. Plugging Date 8. County (SPECIAL CASES)-----AGRICULTURE OR PRARIE CHICKEN BREEDING AREAS

In these areas, a below ground marker is required with all pertinent information mentioned above on a plate, set 3' below ground level, a picture of the plate will be supplied to NMOCD for record, the exact location of the marker (longitude and latitude by GPS) will be provided to NMOCD (We typically require a current survey to verify the GPS)

SITE REMEDIATION DUE WITHIN ONE YEAR OF WELL PLUGGING COMPLETION

Ten Mile BBE State Com 1 Current									
<div>Perf D</div> <div>Perf C</div> <div>Perf B</div> <div>Perf A</div>	<div>A</div> <div>B</div> <div>C</div>	<div>Sec-TWN-RNG: Sec. 33-14S-28E</div> <div>FOOTAGES: 1650'FNL & 1650'FEL</div> <div>API: 30-005-63509</div> <div>GL: 3583</div> <div>KB:</div>							
		CASING DETAIL							
		#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt
		A	17 1/2	13 3/8	48	H-40	0	430	450
		B	12 1/4	8 5/8	32	J-55	0	3,315	1550
		C	7 7/8	4 1/2	11.6	P-110	0	9,151	1960
		FORMATION TOPS							
				Formation	Top			Formation	Top
				Yates	450			Atoka	8546
				Seven Rivers	588			Morrow	8652
				Queen	1172			Austin	8762
				Grayburg	1770			Chester	8895
				San Andres	1828			Mississippian	9008
				Glorieta	3245				
				Tubb	4648				
				Abo	5411				
				Wolfcamp	6584				
				Cisco	7362				
				Strawn	7876				
		TUBING DETAIL							
		#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft):
				2 3/8 tubing and packer					8,344
		Perforation Detail							
			Formation	Top	Bottom		Treatment		
		A	Morrow	8,682	8,738		Acidize w/1600g 7-1/2% MSA, 1000 SCF N2 per bbl and balls		
							Frac w/32,000g 70Q linear 40# CMHPG/CO2 foam carrying		
							31,500g 20/40 Tempered DC sand		
		B	Atoka	8,549	8,556		Acidize w/700g 7-1/2% MSA, 1000 SCF/bbl N2 and balls		
							Frac w/33,000g foamed 40# linear binary carrying 31,500#		
							Econoprop 20/40 sand		
		C	Strawn	8,424	8,432		Acidize w/800g 7-1/2% IC HCL, 1000 SCF/bbl N2 and balls		
		D	Cisco	7,711	7,724		Acidize w/1300g 20% IC HCL		
		PBTD: 9,100 MD							
		TD: 9,151 MD							
		Prepared by: TH							

Ten Mile BBE State Com 1 Proposed

Plug 16: Surface Plug

Plug 15: Yates Top + Casing Shoe

Plug 14: Seven Rivers Top

Plug 13: Queen Top

Plug 12: San Andres + Grayburg + TOC

Plug 11: Casing Shoe + Glorieta Top

Plug 10: Tubb Top

Plug 9: Abo Top

Plug 8: Wolfcamp Top

Plug 7: Cisco Top

Plug 6: Cisco Perfs

Perf D

Plug 5: Strawn Top

Plug 4: CIBP + Strawn Perfs

Perf C

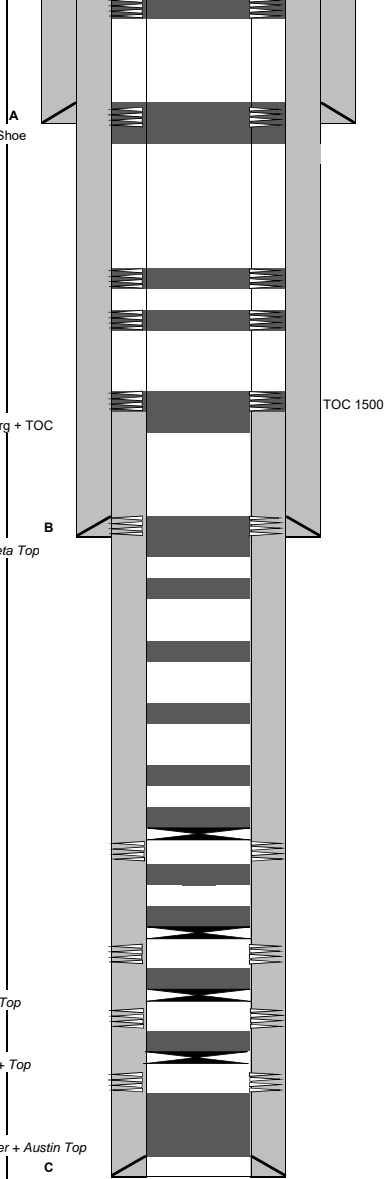
Plug 3: CIBP + Atoka Perfs + Top

Perf B

Plug 2: CIBP + Morrow Perfs + Top

Perf A

Plug 1: Mississippian + Chester + Austin Top



TOC 1500

Sec-TWN-RNG: Sec. 33-14S-28E
FOOTAGES: 1650'FNL & 1650'FEL

API: 30-005-63509
GL: 3583
KB:

CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	48	H-40	0	430	450	Circ	
B	12 1/4	8 5/8	32	J-55	0	3,315	1550	Circ	
C	7 7/8	4 1/2	11.6	P-110	0	9,151	1960	1500	CBL

FORMATION TOPS

	Formation	Top		Formation	Top
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	Seven Rivers	588		Morrow	8652
	Queen	1172		Austin	8762
	Grayburg	1770		Chester	8895
	San Andres	1828		Mississippian	9008
	Glorieta	3245			
	Tubb	4648			
	Abo	5411			
	Wolfcamp	6584			
	Cisco	7362			
	Strawn	7876			

Perforation Detail

	Formation	Top	Bottom	Treatment
A	Morrow	8,682	8,738	Acidize w/1600g 7-1/2% MSA, 1000 SCF N2 per bbl and balls Frac w/32,000g 70Q linear 40# CMHPG/CO2 foam carrying 31,500g 20/40 Tempered DC sand
B	Atoka	8,549	8,556	Acidize w/700g 7-1/2% MSA, 1000 SCF/bbl N2 and balls Frac w/33,000g foamed 40# linear binary carrying 31,500# Econoprop 20/40 sand
C	Strawn	8,424	8,432	Acidize w/800g 7-1/2% IC HCL, 1000 SCF/bbl N2 and balls
D	Cisco	7,711	7,724	Acidize w/1300g 20% IC HCL

Plugs

#	SX	Class	Top	Bottom	Δ	Notes	Tag
1	25	H	8720	9058	338	Mississippian + Chester+Austin Top	Y
2	8	H	8564	8672	108	Morrow Perfs + Top	Y
3	8	H	8438	8546	108	Atoka Perfs + Top	Y
4	10	H	8239	8374	135	Strawn Perfs	Y
5	25	H	7588	7926	338	Strawn Top	N
6	10	H	7526	7661	135	Cisco Perfs	Y
7	25	C	7034	7412	378	Cisco Top	N
8	25	C	6256	6634	378	Wolfcamp Top	N
9	25	C	5083	5461	378	Abo Top	N
10	25	C	4320	4698	378	Tubb Top	N
11	25	C	2987	3365	378	Casing Shoe + Glorieta Top	Y
12	45	C	1418	1878	460	San Andres + Grayburg Top + TOC	Y
13	30	C	1098	1222	124	Queen Top	Y
14	30	C	514	638	124	Seven Rivers Top	Y
15	40	C	335	500	165	Yates Top + Casing Shoe	Y
16	14	C	0	57	57	Surface Plug	Y

PBTD: 9,100 MD
TD: 9,151 MD

Prepared by: Hiram C 3/17/21

District I
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District IV
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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 31728

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 31728
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	6/14/2021