eceived by OCD: 2/28/2022 4:26:30 Office				Page 1 of C-103		
<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240 District II – (575) 748-1283	Energy, Minerals and Na	Revised July 1 WELL API NO. 30-015-23763	18, 2013			
811 S. First St., Artesia, NM 88210	OIL CONSERVATIO		5. Indicate Type of Lease			
<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Fr		STATE FEE			
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM	87303	6. State Oil & Gas Lease No.			
SUNDRY NOT (DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERVOIR. USE "APPLIC		PLUG BACK TO A	7. Lease Name or Unit Agreement N Emma QE Com	lame		
PROPOSALS.)	Gas Well 🛛 Other	,	8. Well Number			
1. Type of Well: Oil Well 2. Name of Operator	Oas well 🖂 Other		9. OGRID Number			
EOG Resources, Inc.	7377 10. Pool name or Wildcat					
 Address of Operator 104 South Fourth Street, Artesia, N 	Hoag Tank; Wolfcamp					
4. Well Location						
	<u>1980</u> feet from the <u>Sou</u>		1650 feet from the West	line		
Section 22	Township19S11. Elevation (Show whether I	Range 24E DR. RKB. RT. GR. etc.	NMPM Eddy County			
	36	81'GR	·			
12. Check A	Appropriate Box to Indicate	Nature of Notice	, Report or Other Data			
NOTICE OF IN PERFORM REMEDIAL WORK TEMPORARILY ABANDON	ITENTION TO: PLUG AND ABANDON CHANGE PLANS MULTIPLE COMPL	REMEDIAL WOR	RILLING OPNS. P AND A	NG 🗌		
DOWNHOLE COMMINGLE			Notify OCD 24 hrs. prior to any work			
OTHER:		OTHER:	done			
 proposed completion or rece EOG Resources, Inc. plans to plug an MIRU all safety equipment as no Set a CIBP at 8702'. Spot 35 sx tops. Spot a 25 sx Class "C" cement p Set a CIBP at 6426'. Pressure tes Perforate at 5248'. Attempt inject Perforate at 1804'. Attempt inject Perforate at 434'. Attempt inject 	completion. d abandon this well as follows: eeded. NU BOP. POOH with product Class "H" cement on top of CIBP to 25 sx cmt lug from 7409'-7039'. This will cove st. Spot 25 sx Class "C" cement on to tion rate. Squeeze with 32 sx Class ' tion rate. Squeeze with 28 sx Class ' tion rate. Squeeze with 25 sx Class ' tion rate. Squeeze with 25 sx Class ' tion rate. Squeeze with 27 sx Class '	tion equipment. 8242'. WOC and tag. T 8044' - 9944'- T of Str er Canyon top. op of CIBP to 6056'. Wo 'C'' cement from 5248'- 'C'' cement from 3853'- 'C'' cement from 1804'- 'C'' cement from 1046'-	his will cover Morrow perfs, Morrow and A awn OC and tag. This will cover Wolfcamp perfs 5088'. WOC and tag. This will cover Wolfc 3713'. WOC and tag. This will cover Abo t 1679'. WOC and tag. This will cover Glorid 936'. WOC and tag. This will cover casing 434' and circulate up to surface. Verify cen	toka s. camp top. op. eta top. shoe.		
surface. Back fill as needed. 10. Cut off wellhead and install dry	hole marker. Clean location as per re	gulated.				
Wellbore schematics attached						
****SEE ATTACHE	D COA's****	Must be plug	gged by 3/1/2023			
Spud Date:	Rig Release	Date:				
I hereby certify that the information	above is true and complete to the	e best of my knowled	ge and belief.			
SIGNATURE Tina Huert	aTITLE	Regulatory Specialist	DATE <u>February 28, 2022</u>			
Type or print name <u>Tina Hue</u> For State Use Only	erta E-mail address:	tina_huerta@eogres	ources.com PHONE: <u>575-748-4</u>	168		
APPROVED BY: Conditions of Approval (if any):	TITLE	Staff Mana	gerDATE3/1/2022_			

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Released to Imaging: 3/7/2022 8:28:09 AM

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						So	c-TWN-RNG	Soc 22.1	08 21E			20 015	-23763		
Emm	na QE Co	om 1 (Curre	nt			FOOTAGES			/I		3681	-23703		
											KB:				
												1			
					\sim	CASIN	G DETAIL								
						#	HOLE SIZE	SIZE	WGHT	GRADE	Тор	Bottom	Sx Cmt	Circ/TOC	TOC Method
						А	17 1/2	13 3/8	48	H-40	0	280	600	Circ	
						В	12 1/4	8 5/8	24	J-55	0	996	950	Circ	
						С	7 7/8	4 1/2	11.6 & 10.5	K-55	0	9,056	920	5830'	CBL
												0,000	020		0.52
	в														
					•										
						FORM	ATION TOPS								
								Formation	Тор			Formatio	on	Тор	
								San Andres	384						
								Glorieta	1754						
							<u>_</u>	Abo	3803						
								Wolfcamp	5198						
								Canyon	7359						
						-		Atoka	8290						
								Morrow	8765						
								Chester	8956						
						TUBIN	G DETAIL								
						#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):
TOC = 5830'								2-3/8 tubing						6,419	
							1							-,	
		X						-							
Wolfcamp perfs 6476-6578															
				-											
RBP @ 6636'						Borfor	ation Detail								
						Ferior	Formation	Тор	Bottom	1	Treatm	ont	1		
						^	Morrow	8,880					MS acid	& N2 plus 7 ball sea	alers
Morrow perfs 8752-8765						B	Morrow	8,752						& N2 plus 7 ball sea	
Morrow perio 0702-0700						5	WOITOW	0,752	0,700		-			S & 1000 gals 7.5%	
Morrow perfs 8880-8891												25000# sa			me dold d
						с	Wolfcamp	6476	6578					id & N2 plus 24 ball	sealers
							Trenedinp	0110			0000 g				
							1		1						
	с									_					
	PBTD:	6,636	MD							Prepared I					
	TD:	9,060	MD							Fiepaied	Jy. JGIVI				

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Emma	a QE Con	n 1 Proposed				Sec. 22-19S-24E 1980' FSL & 165				30-015-23763 3681			
Plug 8: Perf @434. 0-434. Ver	rify								<u>, ND.</u>				
Surface. San Andres top + Surface shoe + Surface plug				CASING									
unace shoe + Sunace plug				#	HOLE SIZE	SIZE	WGHT	GRADE	Тор	Bottom	Sx Cmt	Circ/TOC	TOC Meth
				# A	17 1/2	13 3/8	48	H-40	0	280	600	Circ	TOC Met
ſ	I I I			B	12 1/4	8 5/8	24	J-55	0	996	950	Circ	
				C	7 7/8	4 1/2	11.6 & 10.5	K-55	0	9,056	920	5830'	CBL
lug 7: Perf @ 1046. 936-1046 g. Intermediate shoe	6. WOC &								<u> </u>				
g. Internetiate shoe	В			FORMATI	ON TOPS								
	I l					FORMATION	TOP			Fromation	TOP		
						San Andres	384			Tromation	101		
lug 6: Perf @ 1804. 1679-180 Iorieta top	04. WOC & tag. 🔹					Glorieta	1754						
					1	Abo	3803		1	1	1 1		
						Wolfcamp	5198	-	1	1	1 1		1
ug E. Dorf @ 2052 . 2742. 22	52 WOC 9 to					Canyon	7359	-	1	1	+ +		1
ug 5: Perf @ 3853. 3713-385 bo top	55. WUU & tag.					Atoka	8290		1				
· · · · · · · · · · · · · ·					1	Morrow	8765		1	1			
						Chester	8956						
						Т			1	1			1
ļ				Perforatio		-							
lug 4: Perf @ 5248. 5088-5248. WOC & tag.					Formation Morrow	Top 8,880	Bottom 8,891		2000 -	allons 7.5% MS acid	Treatmen		
oncamp top				A	Morrow	8,752	8,891			allons 7.5% MS acid			
		1. S. C. S.		в	WORTOW	8,752	8,700		-	d w/10000 gals 3% M			0
											5 & 1000 ya	IS 7.5% IVIS ACIU	a
lug 3: CIBP @ 6426. 6056-64	426. WOC & tag.				14/ 15	6476	6578			25000# sand allons 15% DS-30 ad		04.1	
olfcamp perfs olfcamp perfs 6476-6578				С	Wolfcamp	6476	6578		3000 g	allons 15% DS-30 ac	a wz pius	24 Dall sealers	
				#	SX	Class	Тор	Bottom	Δ	Notes			Tag
				1	35	н	8242	8702	460	CIBP @ 8702. Spot perfs + Morrow and		& tag. Morrow	Y
lug 2: 7039-7409. Canyon to	pp			2	25	с	7039	7409	370	Spot 25sx. Canyon			Ν
		194392.55792.25752.02		3	25	с	6056	6426	370	CIBP @ 6426. Pres tag. Wolfcamp perfs			Y
				4	32	С	5088	5248	160	Perf @ 5248. Attem Wolfcamp top	pt inj. Sqz 32	esx. WOC & tag.	
	·					c				Perf @ 3853. Attem	pt Inj. Sqz 28	3sx. WOC & tag.	
				5	28	-	3713	3853	140	Abo top Perf @ 1804. Attem	pt Inj. Sqz 25	5sx. WOC & tag.	
				6	25	С	1679	1804	125	Glorieta top Perf @ 1046. Attem	pt Inj. Sqz 27	sx. WOC & tag.	Y
	top	\sim		7	27	С	936	1046	110	Intermediate casing Perf @ 434. Attemp	shoe t Inj/circ. Sqz	111sx. Verify (a	P Y
orrow perfs & top + Atoka t	top			/						surface. San Andres	ton + Surfa	na shoa +	
prrow perfs & top + Atoka t					111	C	0	434	434		s top + Sunat		Y
orrow perfs & top + Atoka t	юр : :			8	111	С	0	434	434	surface plug	s top + Suria		Y
lug 1: CIBP @ 8702. 8242-87 orrow perfs & top + Atoka t orrow perfs 8752-8765 orrow perfs 8880-8891	юр : :				111	с	0	434	434		s top + Sunat		Y
orrow perfs & top + Atoka t	iop :				111	с 	0	434	434				Y
orrow perfs & top + Atoka t orrow perfs 8752-8765	cop				111	C	0	434	434		s top + Sunat		Y

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 (Page 3 & 4), 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 REQUIRMENTS

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 name2. Lease and Well Number3. API Number4. Unit Letter5. QuarterSection (feet from the North, South, East or West)6. Section, Township and Range7. Plugging Date8. 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

R-111-P Area

T 18S – R 30E

Sec 10 Unit P. Sec 11 Unit M,N. Sec 13 Unit L,M,N. Sec 14 Unit C -P. Sec 15 Unit A G,H,I,J,K,N,O,P. Sec 22 Unit All except for M. Sec 23, Sec 24 Unit C,D,E,L, Sec 26 Unit A-G, Sec 27 Unit A,B,C

T 19S – R 29E

Sec 11 Unit P. Sec 12 Unit H-P. Sec 13. Sec 14 Unit A,B,F-P. Sec 15 Unit P. Sec 22 Unit A,B,C,F,G,H,I,J K,N,O,P. Sec 23. Sec 24. Sec 25 Unit D. Sec 26 Unit A- F. Sec 27 Unit A,B,C,F,G,H.

T 19S – R 30E

Sec 2 Unit K,L,M,N. Sec 3 Unit I,L,M,N,O,P. Sec 4 Unit C,D,E,F,G,I-P. Sec 5 Unit A,B,C,E-P. Sec 6 Unit I,O,P. Sec 7 – Sec 10. Sec 11 Unit D, G—P. Sec 12 Unit A,B,E-P. Sec 13 Unit A-O. Sec 14-Sec 18. Sec 19 Unit A-L, P. Sec 20 – Sec 23. Sec 24 Unit C,D,E,F,L,M,N. Sec 25 Unit D. Sec 26 Unit A-G, I-P. Sec 27, Sec 28, Sec 29 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 32 Unit A,B,G,H,I,J,N,O,P. Sec 33. Sec 34. Sec 35. Sec 36 Unit D,E,F,I-P.

T 19S – R 31E

Sec 7 Unit C,D,E,F,L. Sec 18 Unit C,D,E,F,G,K,L. Sec 31 Unit M. Sec 34 Unit P. Sec 35 Unit M,N,O. Sec 36 Unit O,P.

T 20S – R 29E

Sec 1 Unit H,I,P. Sec 13 Unit E,L,M,N. Sec 14 Unit B-P. Sec 15 Unit A,H,I,J,N,O,P. Sec 22 Unit A,B,C,F,G,H,I,J,O,P. Sec 23. Sec 24 Unit C,D,E,F,G,J-P. Sec 25 Unit A-O. Sec 26. Sec 27 Unit A,B,G,H,I,J,O,P. Sec 34 Unit A,B,G,H. Sec 35 Unit A-H. Sec 36 Unit B-G.

T 20S – R 30E

Sec 1 – Sec 4. Sec 5 Unit A,B,C,E-P. Sec 6 Unit E,G-P. Sec 7 Unit A-H,I,J,O,P. Sec 8 – 17. Sec 18 Unit A,B,G,H,I,J,O,P. Sec 19 Unit A,B,G,H,I,J,O,P. Sec 20 – 29. Sec 30 Unit A-L,N,O,P. Sec 31 Unit A,B,G,H,I,P. Sec 32 – Sec 36.

T 20S – R 31E

Sec 1 Unit A,B,C,E-P. Sec 2. Sec 3 Unit A,B,G,H,I,J,O,P. Sec 6 Unit D,E,F,J-P. Sec 7. Sec 8 Unit E-P. Sec 9 Unit E,F,J-P. Sec 10 Unit A,B,G-P. Sec 11 – Sec 36.

T 21S – R 29E

Sec 1 – Sec 3. Sec 4 Unit L1 – L16,I,J,K,O,P. Sec 5 Unit L1. Sec 10 Unit A,B,H,P. Sec 11 – Sec 14. Sec 15 Unit A,H,I. Sec 23 Unit A,B. Sec 24 Unit A,B,C,D,F,G,H,I,J,O,P. Sec 25 Unit A,O,P. Sec 35 Unit G,H,I,J,K,N,O,P. Sec 36 A,B,C,F – P.

T 21S – R 30E

Sec 1 – Sec 36

T 21S – R 31E

Sec 1 – Sec 36

T 22S – R 28E

Sec 36 Unit A,H,I,P.

T 22S – R 29E

Sec 1. Sec2. Sec 3 Unit I,J,N,O,P. Sec 9 Unit G – P. Sec 10 – Sec 16. Sec 19 Unit H,I,J. Sec 20 – Sec 28. Sec 29 Unit A,B,C,D,G,H,I,J,O,P. Sec 30 Unit A. Section 31 Unit C – P. Sec 32 – Sec 36

T 22S – R 30E

Sec 1 – Sec 36

T 22S – R 31E

Sec 1 – Sec 11. Sec 12 Unit B,C,D,E,F,L. Sec 13 Unit E,F,K,L,M,N. Sec 14 – Sec 23. Sec 24 Unit C,D,E,F,K,L,M,N. Sec 25 Unit A,B,C,D. Sec 26 Unit A,B,C,D,G,H. Sec 27 – Sec 34.

T 23S – R 28E

Sec 1 Unit A

T 23S – R 29E

Sec 1 – Sec 5. Sec 6 Unit A – I, N,O,P. Sec 7 Unit A,B,C,G,H,I,P. Sec 8 Unit A – L, N,O,P. Sec 9 – Sec 16. Sec 17 Unit A,B,G,H,I,P. Sec 21 – Sec 23. Sec 24 Unit A – N. Sec 25 Unit D,E,L. Sec 26. Sec 27. Sec 28 Unit A – J, N,O,P. Sec 33 Unit A,B,C. Sec 34 Unit A,B,C,D,F,G,H. Sec 35. Sec 36 Unit B,C,D,E,F,G,K,L.

T 23S – R 30E

Sec 1 – Sec 18. Sec 19 Unit A – I,N,O,P. Sec 20, Sec 21. Sec 22 Unit A – N, P. Sec 23, Sec 24, Sec 25. Sec 26 Unit A,B,F-P. Sec 27 Unit C,D,E,I,N,O,P. Sec 28 Unit A – H, K,L,M,N. Sec 29 Unit A – J, O,P. Sec 30 Unit A,B. Sec 32 A,B. Sec 33 Unit C,D,H,I,O,P. Sec 34, Sec 35, Sec 36.

T 23S – R 31E

Sec 2 Unit D,E,J,O. Sec 3 – Sec 7. Sec 8 Unit A – G, K – N. Sec 9 Unit A,B,C,D. Sec 10 Unit D,P. Sec 11 Unit G,H,I,J,M,N,O,P. Sec 12 Unit E,L,K,M,N. Sec 13 Unit C,D,E,F,G,J,K,L,M,N,O. Sec 14. Sec 15 Unit A,B,E – P. Sec 16 Unit I, K – P. Sec 17 Unit B,C,D,E, I – P. Sec 18 – Sec 23. Sec 24 Unit B – G, K,L,M,N. Sec 25 Unit B – G, J,K,L. Sec 26 – Sec 34. Sec 35 Unit C,D,E.

T 24S – R 29E

Sec 2 Unit A, B, C, D. Sec 3 Unit A

T 24S – R 30E

Sec 1 Unit A – H, J – N. Sec 2, Sec 3. Sec 4 Unit A,B,F – K, M,N,O,P. Sec 9 Unit A – L. Sec 10 Unit A – L, O,P. Sec 11. Sec 12 Unit D,E,L. Sec 14 Unit B – G. Sec 15 Unit A,B,G,H.

T 24S – R 31E

Sec 3 Unit B – G, J – O. Sec 4. Sec 5 Unit A – L, P. Sec 6 Unit A – L. Sec 9 Unit A – J, O,P. Sec 10 Unit B – G, K – N. Sec 35 Unit E – P. Sec 36 Unit E,K,L,M,N.

T 25S – R 31E

Sec 1 Unit C,D,E,F. Sec 2 Unit A – H.

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

Operator:	OGRID:
EOG RESOURCES INC	7377
P.O. Box 2267	Action Number:
Midland, TX 79702	84971
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By		Condition Date
gcordero	None	3/1/2022

Page 8 of 8

Action 84971