Office	State of New Me	exico			Form					
<u>District I</u> – (575) 393-6161	Energy, Minerals and Natu	ral Resources	Revised July 18, 2013							
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283			WELL API NO. 30-015-20070							
811 S. First St., Artesia, NM 88210	OIL CONSERVATION	5. Indicate Type of Lease								
<u>District III</u> – (505) 334-6178 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South St. Fran	STATE FEE								
<u>District IV</u> – (505) 476-3460	Santa Fe, NM 87	7505	6. State Oil	& Gas Leas	se No.					
1220 S. St. Francis Dr., Santa Fe, NM 87505										
	AND REPORTS ON WELLS		7. Lease Na	me or Unit	Agreement N	Vame				
(DO NOT USE THIS FORM FOR PROPOSALS DIFFERENT RESERVOIR. USE "APPLICATION"			Nix Curtis I							
PROPOSALS.)	<u></u>	on seem	8. Well Nu	mber						
	Well Other		1	AT 1						
2. Name of Operator EOG Resources, Inc.			9. OGRID Number 7377							
3. Address of Operator			10. Pool na	me or Wildo	cat					
104 South Fourth Street, Artesia, NM 8	38210		Penasco Dra	aw; SA-Yeso	O					
4. Well Location			•							
Unit Letter <u>I</u> : <u>2310</u>	feet from the South	line and	330 fee	t from the	<u>East</u>	line				
Section 25		nge 25E	NMPM	Eddy	County					
11	. Elevation (Show whether DR 3447		.)							
	3447	OK								
12 Check Appr	opriate Box to Indicate N	ature of Notice	Report or C	other Data						
• • • • • • • • • • • • • • • • • • • •	•	•	•							
NOTICE OF INTE	NTION TO: .UG AND ABANDON ⊠		SEQUENT			🗆				
	REMEDIAL WOR	PRK ☐ ALTERING CASING ☐ RILLING OPNS.☐ P AND A ☐								
	HANGE PLANS ☐ JLTIPLE COMPL ☐	CASING/CEMEN			DA					
DOWNHOLE COMMINGLE										
CLOSED-LOOP SYSTEM	_		OCD 24 hrs	before any	/ work done	-				
OTHER: 13. Describe proposed or completed	operations (Clearly state all	OTHER:	d give pertine	at datas inal	uding actime	tod deta				
of starting any proposed work).										
proposed completion or recomp			<u>r</u>							
EOG Resources, Inc. plans to plug and	abandon this well as follows:									
1. MIRU all safety equipment as nee	ded. NU BOP. POOH with pro	duction equipment	•							
2. Set a CIBP at 2368' with 35' Clas	s "C" cement on top to 2333'.	This will cover Yes	so perfs.							
 Set a 2nd CIBP at 1622' with 35' C Set a 3rd CIBP at 1392' with 35' C 										
 4. Set a 3rd CIBP at 1392' with 35' C 5. Perforate at 1172'. Spot a 25 sx C 					WOC and ta	σ				
6. Spot a 25 sx Class "C" cement plu				asing shoe.	Woo and ta	۵,				
7. Perforate at 330'. Spot a 137 sx Cl			ck fill as neede	d.						
8. Cut off wellhead and install dry ho	ole marker. Clean location as p	er regulated.								
Wellbore schematics attached.										
Can'd Date.	Dia Dalassa Da									
Spud Date:	Rig Release Da	ite:								
****SEE ATTACHED CO	A's****	MUST BE P	LUGGED	BY 2/4	2022					
I hereby certify that the information above				<u> </u>						
•	-									
signature Tina Huerta	TITLE Re	gulatory Specialist	DATE_	January 26,	2021					
Type or print name Tina Huerta	E-mail address· tir	na_huerta@eogreso	ources.com	PHONE:	575-748-4	168				
For State Use Only	D man address. un	in include coglest	<u> </u>	11101112.	<u> </u>					
		♡ , ,,,,,,,,,		D :	01.15					
APPROVED BY: Conditions of Approval (if any):	TITLE ,	Staff Man	ager	DATE	2/4/2021	L				
Conditions of Approval (II ally).			-							

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 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 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

	Nix Cu	rtis BH	#1 Cu	irrent		FOOTAGES:	Sec. I-25-18S-25 2310' FSL & 330			GL:	30-015 3447	20070		
COM	IMENTS					CURRENT				KB:				
					0.400	G DETAIL								
					#	HOLE SIZE	SIZE	WGHT	GRADE	Тор	Bottom	Sx Cmt	Circ/TOC	TOC Method
		A		_	# A		9.625"	32.3	H-40	0		560		TOC Method
		A			В	12.25" 8.75"	7"	#20,24			1,122		Circ 280	
					В	8.75	7	#20,24	J-55	0	3,386	500	280	
					FORM	ATION TOPS								
							Formation	Тор					Formation	Тор
							San Andres	750						
							Glorieta	2130						
							Yeso	2220						
					-									
					-									
					-									
					-									
					-									
Perfs 1														
						G DETAIL								B. (010B)
					#	Joints	Description 2"	Length	OD	ID	Grade	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):
Perfs 2							2"							2522
													1	
Perfs 3														
					Perfor	ations								
						Formation	Depths							
					1	San Andres	1442' - 1496'							
		В			2	S.A/Glorieta	1672'-2300'							
					3	Yeso	2418' - 3121'							
						1								
		PBTD:	3,353 M	ID									· ·	
	1	TD:	3,400 M		1									

Niv C	Curtis BH #1 Proposed			Sec. I-25-18S-2				30-015-20070			
INIX C	Juliis BH #1 Floposeu			2310' FSL & 330)' FEL			3447			
COMMENTS			CURRENT				KB:				
Plug 6											
		CASING		1				,	,	,	
			OLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
		A	12.25"	9.625"	32.3	H-40	0	1,122	560	Circ	
		В	8.75"	7"	#20,24	J-55	0	3,386	500	280	
		-									
							_				
Plug 5											
	water.communications	FORMAI	ION TOPS		L	ı .	_			L	L
				Formation	Top 750					Formation	Тор
		-		San Andres	2130						
	0.0010000000000000000000000000000000000			Glorieta Yeso	2130						
				1000	- III						
Plug 4	A S			,	*						
-		Perforati	ions								
		F	ormation	Depths							
		1 5	San Andres	1442' - 1496'							
Plug 3	2472753	2 5	S.A/Glorieta	1672'-2300'							
	6-20 (CONTO (BRILLY M)	3 \	reso .	2418' - 3121'							
Perfs 1	CONTRACTOR OF STREET										
Plug 2		Plugs		1				,			
		#	SX	Length (ft)	Bottom	Top		DESCRIPTION			
Perfs 2		1	6	35	2368	2333	С				
		2	6	35	1622	1587	С	CIBP @ 1622' w/ 35' of ce	ment dump bailed on top.		
	2000 2000 2000	3	6	35	1392	1357	C				
Plug 1		5	25 25	100 100	1172 800	1072 700	C	100' plug from 1172' to 1072' covering the 9.625" csg shoe. WOC and tag 100' plug from 800' - 700' covering the top of the San Andres.			
		6	137	330	330	0	С	330' plug from 330' to surfa			
Perfs 3											
	в —										
	PBTD: 3,353 MD										
	TD: 3,400 MD										

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

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 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

Action 15765

CONDITIONS OF APPROVAL

Operator:			OGRID:		Action Type:
EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	7377	15765	C-103F

OCD Reviewer	Condition
gcordero	None