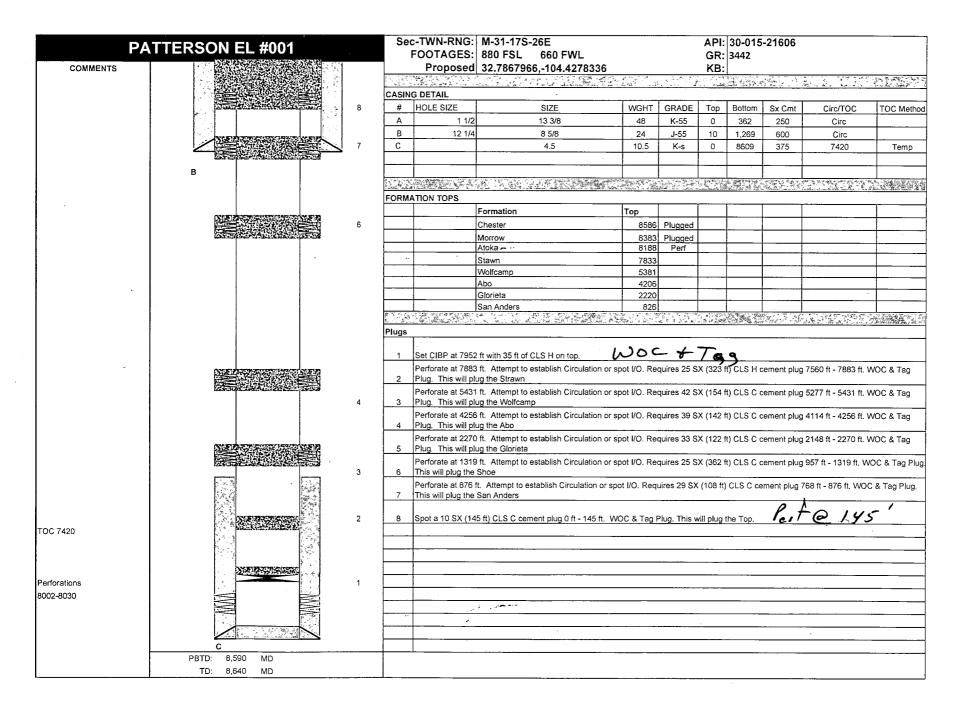
Submit 1 Copy To Appropriate District Office	State of New Me	exico	7 84	Form C-103
<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and National	RTESIA DISTRICT	WELL API NO.	Revised July 18, 2013
<u>District II</u> – (575) 748-1283	OIL CONSERVATION		30-015-21606	
811 S. First St., Artesia, NM 88210 District III – (505) 334-6178	1220 South St. Fran	Jeis Dr. Jeis Dr.	5. Indicate Type of L	
1000 Rio Brazos Rd., Aztec, NM 87410			STATE 6. State Oil & Gas Le	FEE 🛛
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe, NM 87	RECEIVED	6. State Oil & Gas Le	ease No.
SUNDRY NO	FICES AND REPORTS ON WELLS		7. Lease Name or Un	it Agreement Name
	OSALS TO DRILL OR TO DEEPEN OR PLU JCATION FOR PERMIT" (FORM C-101) FO		Patterson EL	
PROPOSALS.)	_	N 50011	8. Well Number	
1. Type of Well: Oil Well 2. Name of Operator	Gas Well Other		0 OCRID Number	
EOG Resources, Inc.			9. OGRID Number 7377	
3. Address of Operator			10. Pool name or Wil	dcat
104 South Fourth Street, Artesia,	NM 88210		Penasco Draw; Permo	Penn
4. Well Location				
Unit Letter M :	880 feet from the South	line and	feet from the	<u>West</u> line
Section 31	Township 17S Ran		NMPM Eddy	County
	11. Elevation (Show whether DR, 3447))	
	3447	GK		
12. Check	Appropriate Box to Indicate N	ature of Notice,	Report or Other Dat	a
NOTICE OF I	NTENTION TO:	SHR	SEQUENT REPO	RT ∩F·
PERFORM REMEDIAL WORK		REMEDIAL WOR		TERING CASING 🗍
TEMPORARILY ABANDON		COMMENCE DRI		ND A
PULL OR ALTER CASING	-	CASING/CEMEN	Т ЈОВ 🔲	
DOWNHOLE COMMINGLE CLOSED-LOOP SYSTEM				
OTHER:	·	OTHER:		i 🔲
	pleted operations. (Clearly state all r			
of starting any proposed w proposed completion or re	vork). SEE RULE 19.15.7.14 NMAC	C. For Multiple Cor	mpletions: Attach wellb	ore diagram of
	eeded. NU BOP. POOH with product	ion equipment.	MOTHY OCD	24 hrs , prior to rk done ,
2. Set CIBP at 7952 ft with 35 ft of	FCLS Hontopwoc + To	~ 9	· · · · · · · · · · · · · · · · · · ·	
	establish Circulation or spot I/O. Rec	quires 25 SX (323 fi	t) CLS H cement plug 7:	560 ft - 7883 ft. WOC
& Tag Plug. This will plug the Str. 4. Perforate at 5431 ft. Attempt to	awn establish Circulation or spot I/O. Rec	mires 42 SX (154 ft	t) CLS C cement nlug 53	277 ft - 5431 ft WOC
& Tag Plug. This will plug the Wo	olfcamp		,	
	establish Circulation or spot I/O. Rec	quires 39 SX (142 fi	t) CLS C cement plug 4	114 ft - 4256 ft. WOC
& Tag Plug. This will plug the Ab	o establish Circulation or spot I/O. Rec	mires 33 SX (122 fi	t) CLS C cement nlug 2	148 ft - 2270 ft WOC
& Tag Plug. This will plug the Glo		1un 05 55 571 (122 1	e) obs o coment plug 2	2270 11. 11. 00
	establish Circulation or spot I/O. Rec	quires 25 SX (362 fl	t) CLS C cement plug 9:	57 ft - 1319 ft. WOC &
Tag Plug. This will plug the Shoe 8 Perforate at 876 ft. Attempt to e	stablish Circulation or spot I/O. Requ	uires 29 SX (108 ft)	CLS C cement plug 76	R ft - 876 ft WOC &
T DI THE 11 1 0 A	1	, ,		
9. Spot a 10 SX (145 ft) CLS C cer	nnders ment plug 0 ft - 145 ft. WOC & Tag	Plug. This will plug	g the Top Perte	145
10. Cut off wellhead and weld on d	lry hole marker. Clean location as per	regulation.	<u> </u>	
Spud Date:	Rig Release Da	nte:		,
				, 1
XSee Attached	. CoAs M	est be Pl	ussed by 1	0/15/20
I hereby certify that the information	n above is true and complete to the be	est of my knowledg	e and belief.	,
CICNIATUDE	י אין איזייני אין	culator Caralille	DATE O-4-11	1 2010
SIGNATURE		gulatory Specialist		
Type or print name Jeremy For State Use Only	Haass E-mail address: j	eremy_haass@eogr		ONE: <u>575-748-4311</u>
APPROVED BY:	TITLE STATE	4 Mer	DATE	10/15/19
				

Conditions of Approval (if any):

P	ATTERSON EL #001	, S		M-31-17S-26E 880 FSL 660 FWL			GR:	30-015 3442	-21606		
COMMENTS				32.7867966,-104.4278336		Via Til Via	KB:				
									14.61.3		
		CASI	ING DETAIL					,			
		#	HOLE SIZE	SIZE	WGHT	GRADE	Тор	Bottom	Sx Cmt	Circ/TOC	TOC Method
İ		A	1 1/2	13 3/8	48	K-55	_ 0	362	250	Circ	
1		В	12 1/4	8 5/8	24	J-55	10	1,269	600	Circ	
		С		4.5	10.5	K-s	0	8609	375	7420	Temp
	В '						SAL Y				
		FOR	MATION TOPS		and the second s			- Marie Marie - A	and the second second	mark the superior	
				Formation	Тор						
				Chester	8586						
				Morrow	8383				-		
		-		Atoka	8188			_			
				Stawn	7833						
				Wolfcamp	5381						
				Abo	4206						
				Glorieta	2220					•	
			NG DETAIL Joints	Description	Length	OD	ID	1	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):
		1		2.875 Tubing with Packer at EOT	7920						
											-
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											<u> </u>
		\$\$\frac{1}{2}									
		- 255 P									
TOC 7420		(8%)									
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CONDITIONS FOR PLUGGING AND ABANDONMENT

District II / Artesia N.M.

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.

- 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.
- 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 the well is not plugged within 1
- 7. 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.
- 8. Squeeze pressures are not to exceed 500 psi, unless approval is given by NMOCD.
- 9. Produced water will not be used during any part of the plugging operation.
- Mud laden fluids must be placed between all cement plugs mixed at 25 sacks per 100 bbls of water.
- 11. 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.
- 12. Class 'C' cement will be used above 7500 feet.
- 13. Class 'H' cement will be used below 7500 feet.
- 14. 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
- 15. 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)