Submit 1 Copy To Appropriate District State of New Mexico	Form C-103 Revised July 18, 2013											
District I – (575) 393-6161 Energy, Minerals and Natural Resources	WELL API NO.											
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283	30-015-31906											
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283  811 S. First St., Artesia, NM 88210 <u>District III</u> – (505) 334-6178  1230 South St. Francis Dr.	5. Indicate Type of Lease											
1000 Rio Brazos Rd., Aztec, NM 87410	STATE S FEE											
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 87505 SUNDRY NOTICES AND REPORTS ON WELLS	6. State Oil & Gas Lease No.											
87505 SUNDAY NOTICES AND DEPORTS ON WELLS	7. Lease Name or Unit Agreement Name											
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A	Suburb AZS State											
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH	8. Well Number											
PROPOSALS.)  1. Type of Well: Oil Well  Gas Well  Other	1											
2. Name of Operator	9. OGRID Number											
EOG Resources, Inc.	7377											
3. Address of Operator	10. Pool name or Wildcat											
104 South Fourth Street, Artesia, NM 88210	Penasco Draw; San Andres Yeso											
4. Well Location	· · ·											
Unit Letter A : 660 feet from the North line and	660 feet from the <u>East</u> line											
Section 36 Township 18S Range 25E	NMPM Eddy County											
11. Elevation (Show whether DR, RKB, RT, GR, etc.)												
3460' GR												
	n out n											
12. Check Appropriate Box to Indicate Nature of Notice	, Report or Other Data											
NOTICE OF INTENTION TO: SUE	SSEQUENT REPORT OF:											
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☒ REMEDIAL WOR												
TEMPORARILY ABANDON	RILLING OPNS. P AND A											
PULL OR ALTER CASING   MULTIPLE COMPL   CASING/CEMEN	IT JOB 🔲											
DOWNHOLE COMMINGLE												
CLOSED-LOOP SYSTEM												
OTHER:  OTHER:  OTHER:  OTHER:  OTHER:	ad give pertinent dates, including estimated date											
of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Co												
proposed completion or recompletion.	24 hrs . prior to											
1. POOH w/ production equipment	rork done.											
2. Make GR and JB run to 5,755° and tag existing plug												
3. Plug #1: RIH w/ tbg. and spot a 25sx Class "C" cmt plug on top of existing plug at 5,50 4. Load the hole w/ plugging mud	5'-5,/55'. Covers wolfcamp top											
5. Plug #2: Spot a 25sx Class "C" cmt. plug at 4,240'-4,490'. Covers Abo top. WOC and t	aσ											
6. Plug #3: Spot a 25sx Class "C" cmt. plug at 3,560'-3,810'. Covers Tubb top	<del>"5</del>											
7. Plug #4: RIH w/ WL and set CIBP at 2,180'. Spot a 25sx Class "C" cmt plug on top of	CIBP at 1,930'-2,180'. Covers Open Glorieta											
perfs and Glorieta top — Woc + Tag												
8. Plug #5: RIH w/ WL and set CIBP at 1,340'. Pressure test Csg. RIH w/ WL and perfora Spot/Squeeze a 25sx Class "C" cmt plug on top of CIBP at 1,090'-1,340'. PU tbg about cr												
and tag. Covers open SA perfs and 8 5/8 csg shoe.	in, close annular and attempt to squeeze. WOC											
9. Plug #6: Spot a 25sx Class "C" cmt plug at 625'-875'. Covers San Andres top												
10. Plug #7: RIH w/ WL and perforate at 580'. Attempt to establish an injection rate. Spot	a 25sx Class "C" cmt plug at 330'-580'.											
Covers Surface csg. Shoe	0.5/0 1 0 4 15 01 (60)											
11. Plug #8: RIH w/ WL and perforate at 150'. Attempt to establish circulation up 13 3/8 by plug at 150'-surface. If circulation is established, Circulate and in/out plug from 150'-Surface.												
12. Cut off wellhead and weld on DHM per COA. Clean location as per regulation.	acc											
Spud Date: Rig Release Date:	•											
1/2 / 1/2 / 1 / 1 / 1												
I See ATTACKED COAS Must be	Plugged by 6/28/20											
I hereby certify that the information above is true and complete to the best of my knowled	ge and belief.											
SIGNATURE TITLE Regulatory Specialism	DATE <u>June 25, 2019</u>											
TITLE Regulatory specialis	DATE											
Type or print name Jeremy Haass E-mail address: jeremy haass@eog	resources.com PHONE: <u>575-748-4311</u>											
For State Use Only												
APPROVED BY: TITLE STATE MICE	DATE 6/28/19											

	Suburb A	170	C4-4- #/			Sec-	TWN-RNG:	3	6-18S-25E		API:	30-015-31906			
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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.
- 10. 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)