

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-26879
5. Indicate Type of Lease STATE [X] FEE []
6. State Oil & Gas Lease No. LG-9810

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 [X] Gas Well [] Other []
2. Name of Operator EOG Y Resources, Inc.
3. Address of Operator 104 South Fourth Street, Artesia, NM 88210
4. Well Location Unit Letter O : 660 feet from the South line and 1650 feet from the East line
Section 2 Township 20S Range 24E NMPM Eddy County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3619'GR

7. Lease Name or Unit Agreement Name Candelilla AKD State Com
8. Well Number 1
9. OGRID Number 025575
10. Pool name or Wildcat Dagger Draw; Upper Penn, North

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [] PLUG AND ABANDON [X]
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: []

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

- 1. MIRU all safety equipment as needed. POOH with production equipment.
2. RIH with GR/JB to 7575'.
3. Set a CIBP at 7688' with 35' Class "H" cement on top. - WOC & Tag
3. Spot a 27 sx Class "C" cement plug from 5293'-5447'. This will plug the Wolfcamp.
4. Spot a 26 sx Class "C" cement plug from 4724'-4872'. This will plug the Abo.
5. Spot a 25 sx Class "C" cement plug from 3309'-3451'. This will plug the Bone Springs.
6. Spot a 25 sx Class "C" cement plug from 1970'-2112'. This will plug the Glorieta.
7. Perforate at 1118'. Attempt to establish circulation. Spot a 25 sx Class "C" cement plug from 976'-1118'. This will plug the 9-5/8" casing shoe.
8. Spot a 25 sx Class "C" cement plug from 398'-540'. This will plug the San Andres.
9. Spot a 10 sx Class "C" cement plug from 57' up to surface.
10. Top off, cut off wellhead and weld on dry hole marker. Clean location as per regulated.

Notify OCD 24 hrs. prior to any work done.

RECEIVED

DEC 17 2018

DISTRICT II-ARTESIA O.C.D.

-WOC & Tag

Wellbore schematics attached

Spud Date: []

Rig Release Date: []

* See Attached COAs Must be Plugged by 12/19/19
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 December 13, 2018

Type or print name Tina Huerta E-mail address: tina_huerta@eogresources.com PHONE: 575-748-4168
For State Use Only

APPROVED BY: [] TITLE Staff Mgr DATE 12/19/18
Conditions of Approval (if any):



Candelilla AKD State Com #1

11/6/2018

COMMENTS

8.875"
Topped off with 1"
Circ to surface

5.5"
Circ to surf 25 sxs

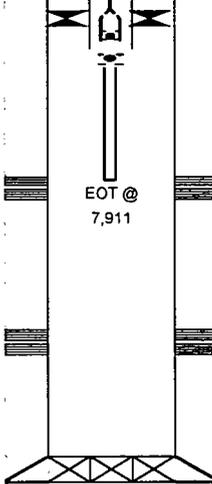
DV tool at 5591

Canyon
Perforations 7738-7816

A

C

PERD 8,135 MD
to 8,200 MD



Tubing

#	Joints	Description	Length FT	OD in	Grade	Wt (lb/ft)	Top (ftKB)	Btm (ftKB)
1		Tubing	7605.00	2 7/8	J-55		0	7,605.00
2		TAC	4.00	2 7/8			7605.00	7,609.00
3		Tubing	1.00	2 7/8			7609.00	7,610.00
4		Change Over 2.875" X 1.5"	1.00	2 7/8			7610.00	7,611.00
5		1.5" dip tube	300.00	1 1/2			7611.00	7,911.00
6								
7								

Rods

#	JTS	Item Desc	Length	OD	Grade	Top	Btm	Cum Length
1	1	Polish rod	30.00	1 1/2		0.00	30.00	
2	102	N-97	2550.00	1	N-97	30.00	2580.00	
3	101	N=97	2525.00	7/8	N-97	2580.00	5105.00	
4	104	KD	2600.00	3/4	KD	5105.00	7705.00	
5	1	25-125-RHBC 24 4	24.00	2 4/9		7705.00	7729.00	

CASING DETAIL

#	SIZE	WGHT	GRADE	THREAD	DEPTH TOP (btm)	Cmt sxs	
A	9 5/8	36			1,068	900	circulated
B	7	23 & 26	2		8,200	1575	circulated
C							

Formation Tops

San anders	490
Glorieta	2,062
Bone Springs	3,401
Abo	4,822
Wolfcamp	5,397
Canyon	7,562

Prepared by: MJM

Candelilla AKD State Com #1

Proposed P&A

COMMENTS

8.875"
Topped off with 1"
Circ to surface

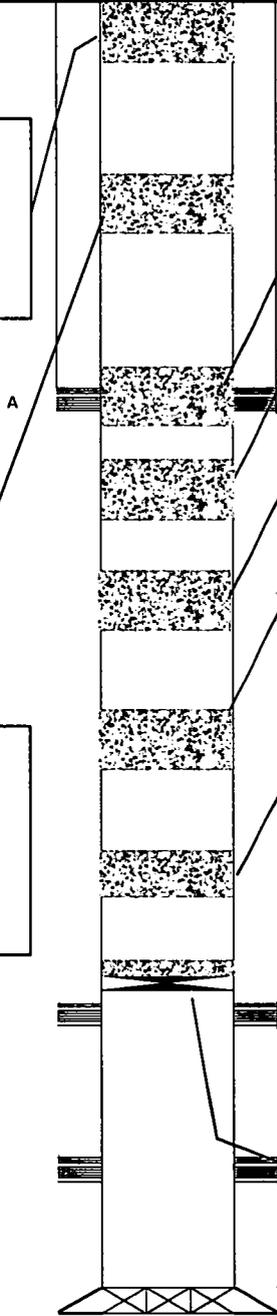
Spot a 10 SX (57 ft)
CLS C cement plug 0
ft - 57 ft. This will
plug the Top.

5.5"
Circ to surf 25 sxs

DV tool at 5591

Spot a 25 SX (142 ft)
CLS C cement plug
398 ft - 540 ft. This
will plug the San
Adres.

Canyon
Perforations 7738-7816



Perforate at 1118 ft. Attempt to establish Circulation. Spot a 25 SX (142 ft) CLS C cement plug 976 ft - 1118 ft. This will plug the 9.625 inch casing shoe.

Spot a 25 SX (142 ft) CLS C cement plug 1970 ft - 2112 ft. This will plug the Gorieta.

Spot a 25 SX (142 ft) CLS C cement plug 3309 ft - 3451 ft. This will plug the Bone Springs.

Spot a 26 SX (148 ft) CLS C cement plug 4724 ft - 4872 ft. This will plug the Abo.

Spot a 27 SX (154 ft) CLS C cement plug 5293 ft - 5447 ft. This will plug the Wolfcamp.

CASING DETAIL

#	SIZE	WGHT	GRADE	THREAD	DEPTH TOP (btm)	Cmt sxs	
A	9 5/8	36			1,068	900	circulated
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Formation Tops

San anders	490
Glorieta	2,062
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Abo	4,822
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Set CIBP at 7688 ft with 35 ft of CLS H on top.

PE TO 8,135 MD
TD 8,200 MD

Prepared by: MJM

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)