

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NMNM045275

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NMNM114016

8. Well Name and No.  
CONOCO AGK FED COM 1

9. API Well No.  
30-015-26133-00-S1

10. Field and Pool or Exploratory Area  
DAGGER DRAW

11. County or Parish, State  
EDDY COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EOG Y RESOURCES INC  
Contact: JEREMY HAASS  
E-Mail: jeremy\_haass@eogresources.com

3a. Address  
104 S 4TH STREET  
ARTESIA, NM 88210

3b. Phone No. (include area code)  
Ph: 575-748-4311

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 11 T20S R24E NENW 660FNL 1980FWL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

- POOH w/ production equipment
- Spot a 25sx Class H cmt plug over existing composite plug at <sup>8870</sup> 8,910 ft - 9,060 ft. Morrow perfs and Morrow top. WOC and tag
- Make GR and JB run to 8,800 ft
- RIH w/ WL and set 7 inch CIBP at 8,780 ft. Spot a 25sx Class H cmt plug on top of CIBP at <sup>8590</sup> 8,630 ft. WOC and tag. Open Atoka perfs and Atoka top
- Spot a 34sx Class H cmt plug at 7,420 ft - 7,600 ft. Canyon Top. WOC and tag
- Spot a 25sx Class C cmt plug at 5,510 ft - 5,660 ft. DV Tool. WOC and tag
- Spot a 25sx Class C cmt plug at 4,620 ft - 4,770 ft. Abo top
- Spot a 25sx Class C cmt plug at 3,410 ft - 3,560 ft. BS top
- Spot a 25sx Class C cmt plug at 1,920 ft - 2,070 ft. Glorieta top
- RIH w/ WL and perforate at 1,240 ft. Attempt to establish an injection rate. Spot/Squeeze a

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

RECEIVED

JUN 25 2019

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #468594 verified by the BLM Well Information System  
For EOG Y RESOURCES INC, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 06/11/2019 (19PP2386SE)

Name (Printed/Typed) JEREMY HAASS Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 06/11/2019

DISTRICT II - ARTESIA O.C.D.

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By [Signature] Title SPE Date 6-15-19

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CFD

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #468594 that would not fit on the form**

**32. Additional remarks, continued**

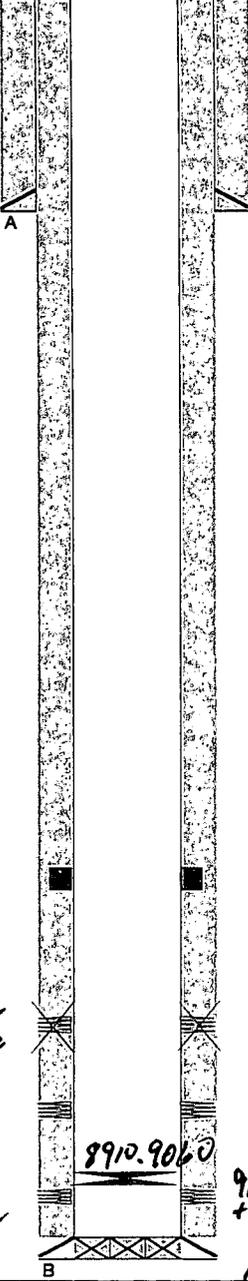
25sx Class C cmt plug at 1,090 ft - 1,240 ft. 9 5/8 inch CSG Shoe. WOC and tag  
11. Spot a 84sx Class C cmt plug at 500 ft - Surface ft. San Andres and Surface plug  
12. Cut off wellhead and weld on DHM per COA. Clean location as per regulation.

**Conoco AGK Federal Com #1**

Sec-TWN-RNG: 11-20S-24E  
 FOOTAGES: 660' FNL & 1980' FWL

API: 30-015-26133  
 GL: 3647  
 KB:

COMMENTS



CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC by
A	14 3/4	9 5/8	36	J-55	0	1190	950	Circ	
B	8 3/4	7	26 & 23	N-80&J-55	0	9,530	2825	Circ	
7" CSG Detail Bottom to Top									
		68 jts	24 jts	79 jts		52 jts		3 jts	
		26# N-80	23# N-80	23# J-55		23# N-80		26# N-80	

FORMATION TOPS

FORMATION	TOP	FORMATION	TOP
San Andres	478	Chester	9424
Glorieta	2028		
BS	3506		
Abo	4714		
Canyon	7651		
Strawn	8198		
Atoka	8773		
Morrow	9158		

Perforation Detail

Formation	Top	Bottom	Treatment	Notes
Morrow	9180	9195	Natural	
Canyon	7732	7792	20600 gal 20% NEFE	Squeezed
Morrow	9112	9120		
Atoka	8832	8872	2500 gal 7-1/2% MSA	

ADDITIONAL DETAIL

DV tool set @ 5608'				
CIBP @ w/ 35' cmt				
Canyon Perfs Squeezed w/ 100sx "H" Squeezed off @ 250psi				
CIBP & cmt @ 9150 drilled out				
composite plug set @ 9060 & atoka perfs added				

DV tool @ 5608'

Canyon Perfs: 7732-7792  
 Squeezed ✓

Atoka Perfs: 8832-8872

Morrow Perfs: 9112-9195

7160  
7792

8910-9060

9150  
+ 35'  
cmt  
drilled  
out

PBTD: MD  
 TD: 9,530 MD

Prepared by: JDE

6/10/2019

# Gonoco AGK Federal Com #1

Sec-TWN-RNG: 11-20S-24E  
 FOOTAGES: 660' FNL & 1980' FWL

API: 30-015-26133  
 GL: 3647  
 KB:

**COMMENTS**

Plug #9: SA Top & Surface

Plug #8: 9 5/8 Csg shoe

Plug #7: Glorieta Top

Plug #6: BS Top

Plug #5: Abo Top

Plug #4: DV tool  
 DV tool @ 5608'

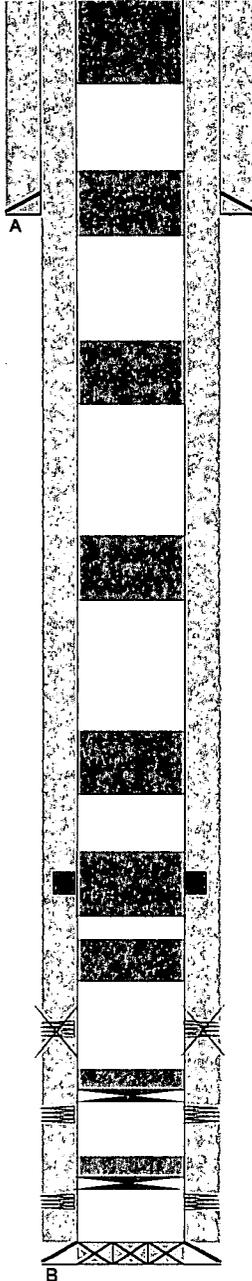
Plug #3: Canyon top

Canyon Perfs: 7732-7792  
 Squeezed

Plug #2: Atoka perfs & top  
 Atoka Perfs: 8832-8872

Plug #1: Morrow perfs & top

Morrow Perfs: 9112-9195



**CASING DETAIL**

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC by
A	14 3/4	9 5/8	36	J-55	0	1190	950	Circ	
B	8 3/4	7	26 & 23	N-80&J-55	0	9.530	2825	Circ	
7" CSG Detail Bottom to Top									
		68 jts	24 jts	79 jts		52 jts			3 jts
		26# N-80	23# N-80	23# J-55		23# N-80			26# N-80

**FORMATION TOPS**

FORMATION	TOP	FORMATION	TOP
San Andres	478	Chester	9424
Glorieta	2028		
BS	3508		
Abo	4714		
Canyon	7551		
Atoka	8773		
Morrow	9158		

**Perforation Detail**

Formation	Top	Bottom	Treatment	Notes
Morrow	9180	9195	Natural	
Canyon	7732	7792	20600 gal 20% NEFE	Squeezed
Morrow	9112	9120		
Atoka	8832	8872	2500 gal 7-1/2% MSA	

**Plugs**

#	SX	CMT CLASS	TOP	BTM	DESCRIPTION
1	25	H	8910	9060	CIBP w/ 25sx. Morrow Perfs & Morrow Top. WOC & tag
2	25	H	8630	8780	CIBP w/ 25sx. Atoka perfs and top. WOC & tag
3	34	H	7420	7600	Canyon top
4	25	C	5510	5660	DV tool
5	25	C	4820	4770	Abo Top
6	25	C	3410	3560	BS top
7	25	C	1920	2070	Glorieta Top
8	25	C	1090	1240	9 5/8" CSG Shoe
9	84	C	0	500	SA top and Surface plug

**ADDITIONAL DETAIL**

DV tool set @ 5608'					
CIBP @ w/ 35' cmt					
Canyon Perfs Squeezed w/ 100sx "H" Squeezed off @ 250psi					
CIBP & cmt @ 9150 drilled out					
composite plug set @ 9060 & atoka perfs added					

Prepared by: JDE

6/10/2019

PBTD: MD  
 TD: 9,530 MD

BUREAU OF LAND MANAGEMENT  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972

Permanent Abandonment of Federal Wells  
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.