

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTCarlsbad Field Office
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.Well No.
NMNM58024

If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No. NMNM72611
2. Name of Operator EOG Y RESOURCES INC Contact: TINA HUERTA E-Mail: tina_huerta@eogresources.com		8. Well Name and No. MARCH AMT FEDERAL COM 1H
3a. Address 105 S 4TH STREET ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-4168 Fx: 575-748-4585	9. API Well No. 30-015-27506-00-S1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 25 T19S R24E SESW 660FSL 1980FWL		10. Field and Pool or Exploratory Area N DAGGER DRAW
		11. County or Parish, State EDDY COUNTY, NM

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 type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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 recompleat 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.

EOG Y Resources, Inc. plans to plug back and recompleat this well as follows:

1. MIRU all safety equipment as needed. WSU. ND Wellhead NU BOP. POOH with the packer. Load the hole as necessary with fresh water.
2. Set a CIBP at 7630 ft and cap it with 25 sx Class H cement. This will place a plug over the Canyon perforations. WOC and test the casing to 2000 psi.
3. Perforate Wolfcamp 6182 ft - 6224 ft (45) with deep penetrating charges using 1 jsfp with 90 degree.
4. Swab test and evaluate send samples to lab for analysis.
5. Acidize with 5000g 15 percent NEFE acid. Flush to the bottom perf with treated water. Shut well in for one hour to allow the acid to spend. Swab, flow test and evaluate and send samples to lab for analysis

GC 5-24-18
Accepted for record - NMOCD

RECEIVED

MAY 23 2018

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #399720 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 01/08/2018 (18PP0679SE)	
Name (Printed/Typed) TINA HUERTA	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 01/05/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>/s/ Jonathon Shepard</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>5/16/2018</u>
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 <u>CFO</u>		

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 #399720 that would not fit on the form

32. Additional remarks, continued

6. Perforate Wolfcamp 6150 ft - 6158 ft (9) with deep penetrating charges using 1 jspf with 90 degree phasing.
7. Swab test and evaluate send samples to lab for analysis.
8. Straddle perfs and acidize with 1500g 15 percent NEFE acid. Flush to the bottom perf with treated water. Shut well in for one hour to allow the acid to spend. Swab, flow test and evaluate and send samples to lab for analysis.
9. Perforate Wolfcamp 6122 ft - 6130 ft (9) with deep penetrating charges using 1 jspf with 90 degree phasing.
10. Swab test and evaluate send samples to lab for analysis.
11. Straddle perfs and acidize with 1500g 15 percent NEFE acid. Flush to the bottom perf with treated water. Shut well in for one hour to allow the acid to spend. Swab, flow test and evaluate and send samples to lab for analysis.
12. Perforate Wolfcamp 6038 ft - 6064 ft (27) with deep penetrating charges using 1 jspf with 90 degree phasing.
13. Swab test and evaluate send samples to lab for analysis.
14. Straddle perfs and acidize with 3000g 15 percent NEFE acid. Flush to the bottom perf with treated water. Shut well in for one hour to allow the acid to spend. Swab, flow test and evaluate and send samples to lab for analysis.
15. TIH with packer and set it at +/- 5,938'. ND BOP NU WH and swab the well in and turn over to production.

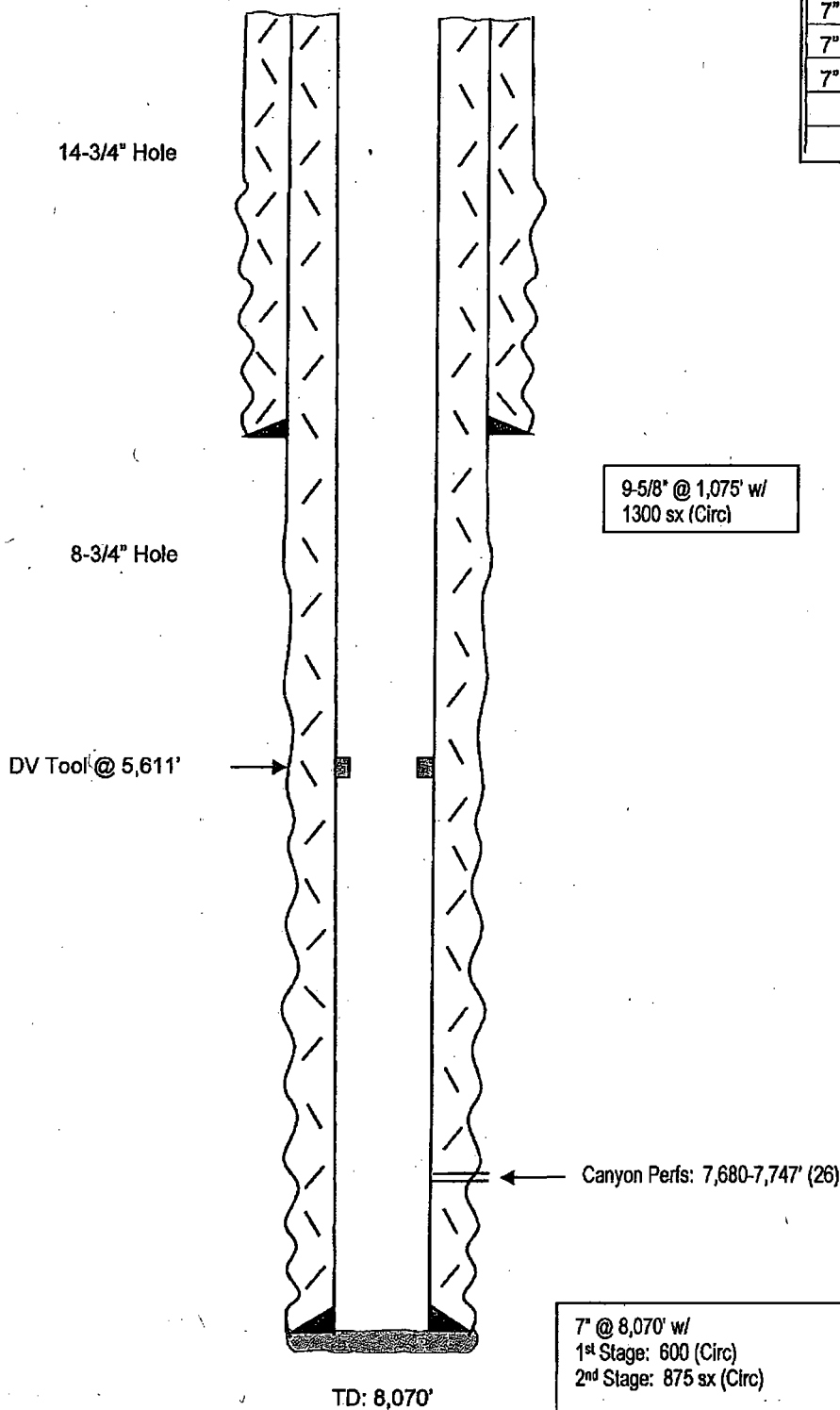
Wellbore schematics attached

WELL NAME: March AMT Federal Com #1 FIELD: Dagger Draw
 LOCATION: 1,980' FWL & 660' FSL of Section 25-19S-24E Eddy Co., NM
 GL: 3,605' ZERO: 18' KB: 3,623
 SPUD DATE: 7/3/93 COMPLETION DATE: 8/2/93
 COMMENTS: API No.: 30-015-27506

CASING PROGRAM

9-5/8" 36# J55 STC		1,075'
7" 26# J55	1,213'	
7" 23# J55	3,667'	
7" 26# J55	2,692'	
7" 26# N80	498'	8,070'

Before



TOPS

SA	474'
Glorieta	1,964'
Abo	4,211'
WC Lm	5,321'
Canyon	7,532'

Not to Scale
 12/8/2017
 DC/Moss/PES

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AFTER

14-3/4" Hole

8-3/4" Hole

DV Tool @ 5,611'

9-5/8" @ 1,075' w/ 1300 sx (Circ)

TOPS

SA	474'
Glorieta	1,964'
Abo	4,211'
WC Lm	5,321'
Canyon	7,532'

Wolfcamp Perfs: 6,038-6,064' (27)

Wolfcamp Perfs: 6,122-6,130' (9)

Wolfcamp Perfs: 6,150-6,158' (9)

Wolfcamp Perfs: 6,182-6,224' (45)

CIBP @ 7,630' w/ 25 sx class "H"

Canyon Perfs: 7,680-7,747' (26)

TD: 8,070'

7" @ 8,070'
 1st Stage: 600 (Circ)
 2nd Stage: 875 sx (Circ)

Not to Scale
 01/04/2017
 JMH/PES

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Production Zone 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. Plug back operations shall commence within ninety (90) days from this approval. **If you are unable to plug back the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**
2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in 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. **Before pumping 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. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back 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 work was completed.** If plugging back to a new zone submit a Completion Report, form 3160-4 with the Subsequent Report.
7. **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.
8. **If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken:**
From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted

Additional Engineering Conditions:

On top of CIBP at 7,630', 35 feet of cement is needed.