(Instructions on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137

SUNDRY NOTICES AND REPORTS ON WELLS

ONLY NOTICES AND REPORTS ON WELLS

Onto use this form for proposals to drill or to re-enter an independent of the second of the secon Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

6 f 08 Allottee or Tribe Name

SUBMIT IN 1	7. If	f Unit or CA/Agreem	nent, Name and/or No.			
Type of Well		8. Well Name and No. ANTIETAM 704H				
Name of Operator EOG RESOURCES, INC.		API Well No. 80-025-43480				
3a. Address ATTN: STAN WAGNER P.O. MIDLAND, TX 79702	BOX 2267 3b. F Ph:	Phone No. (include area code) 432-686-3689	10. V	10. Field and Pool or Exploratory Area WC-025 S253309A; UPPER WC		
4. Location of Well (Footage, Sec., T.	R., R., M., or Survey Description)	/	11.	County or Parish, Sta	ate	
Sec 9 T25S R33E Mer NMP N	L	EA COUNTY, N	M			
12. CHECK THE AF	PPROPRIATE BOX(ES) TO IN	NDICATE NATURE O	F NOTICE, REP	ORT, OR OTHE	ER DATA	
TYPE OF SUBMISSION		TYPE OI	FACTION			
■ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (S	Start/Resume)	☐ Water Shut-Off	
	☐ Alter Casing	☐ Hydraulic Fracturing	□ Reclamation		■ Well Integrity	
☐ Subsequent Report	☐ Casing Repair	■ New Construction	☐ Recomplete		Other	
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily	Abandon	Change to Original A PD	
	☐ Convert to Injection	☐ Plug Back	☐ Water Dispos	sal		
following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi	s an amendment to our approve e casing string.	a multiple completion or reco after all requirements, included and APD for this well to respect to the SEE ATTAC CONDITION	ompletion in a new in ling reclamation, have ling reclamation, have leftect the addition of the line o	e been completed and	4 must be filed once	
	Electronic Submission #377829	JRCES, INC., sent to the	Hobbs			
Name (Printed/Typed) STAN WA	GNER	Title REGUL	ATORY ANALYS	ST		
Signature (Electronic S	Submission)	Date 06/02/2	OFT APPR	OVED		
	THIS SPACE FOR FE	DERAL OR STATE	OFFICE USE			
Approved By MS+GA Conditions of approval, if any, are attached certify that the applicant holds legal or equ		Title	ETROLEUM E	NGINEER MANAGEMENT	Date 6/7/2017	
which would entitle the applicant to condu	ct operations thereon.	Office C	OARLSBAD FIE	LD OFFICE	roman of the Heiter	
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s			willfully to make to	any department or ag	gency of the United	

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

EOG RESOURCES, INC. ANTIETAM 9 FED COM NO. 704H

4. CASING PROGRAM - NEW

Hole	Intornal	Csg	Wainha	Condo	C	DF _{min}	DF _{min}	DF _{min}
Size	Interval	OD	Weight	Grade	Conn	Collapse	Burst	Tension
14.75"	0 – 1,190'	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0 - 4,900'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
9.875"	4,900' - 8,000'	7.625"	29.7#	P-110HC	MO-FXL	1.125	1.25	1.60
8.75"	8.000' - 11.900'	7.625"	29.7#	P-110HC	MO-FXL	1.125	1.25	1.60
6.75"	0' - 11,400'	5.5"	20#	P-110EC	DWC/C-IS MS	1.125	1.25	1.60
6.75"	11,400`-19,891`	5.5"	20#	P-110EC	VAM SFC	1.125	1.25	1.60

Variance is requested to wave the centralizer requirements for the 7-5/8" FJ casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation.

Variance is also requested to wave any centralizer requirements for the 5-1/2" FJ casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

Cementing Program:

Depth	No. Sacks	Wt.	Yld Ft³/ft	Mix Water Gal/sk	Slurry Description
10-3/4" 1,190°	325	13.5	1.73	9.13	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
	200	14.8	1.34	6.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
7-5/8" 11,900' DV Tool w	479	11.8	2.37	13.56	Stage 2 Lead: Class C + 4% MPA-5 + 15 pps BA-90 + 1% BA- 10A + 5% A-10 + 1% ASA-301 + 3% SMS + 2.5% R-21 + 0.005 pps Static Free + 0.005 gpd FP-6L (TOC @ Surface)
ECP @ 5.000	157	15.6	1.20	5.71	Stage 2 Tail: Class H + 1% EC-1 + 015% ASA-301 + 0.2% SMS + 0.85% CD-32 + 0.85% BA-10A + 0.25% R-21 + 0.005 gps FP-6L
	528	11.8	2.37	13.56	Stage 1 Lead: Class C + 4% MPA-5 + 15 pps BA-90 + 1% BA- 10A + 5% A-10 + 1% ASA-301 + 3% SMS + 2.5% R-21 + 0.005 pps Static Free + 0.005 gpd FP-6L
	529	15.6	1.20	5.71	Stage 1 Tail: Class H + 1% EC-1 + 015% ASA-301 + 0.2% SMS + 0.85% CD-32 + 0.85% BA-10A + 0.25% R-21 + 0.005 gps FP-6L
5-1/2" 19,891	850	14.1	1.26	5.80	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17 (TOC @ 11,400°)

Note: Cement volumes based on bit size plus at least 25% excess in the open hole plus 10% excess in the cased-hole overlap section.

PECOS DISTRICT DRILLING OPERATIONS CONDITIONS OF APPROVAL

OPERATOR'S NAME:

EOG Resources, Inc.

LEASE NO.:

NMNM118726

WELL NAME & NO.:

704H-Antietam 9 Fed Com

SURFACE HOLE FOOTAGE:

164'/N & 2033'/W

BOTTOM HOLE FOOTAGE

2410'/N & 2297'/W

LOCATION:

Section 9, T.25 S., R.33 E., NMPM

COUNTY:

Lea County, New Mexico

All previous COAs still apply except the following:

CASING A.

1. The minimum required fill of cement behind the 7 5/8 inch intermediate is:

Operator has proposed DV tool at depth of 5000', but will adjust cement proportionately if moved. DV tool shall be set a minimum of 50' below previous shoe and a minimum of 200' above current shoe. Operator shall submit sundry if DV tool depth cannot be set in this range. If an ECP is used, it is to be set a minimum of 50' below the shoe to provide cement across the shoe. If it cannot be set below the shoe, a CBL shall be run to verify cement coverage.

- a. First stage to DV tool:
- Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation or approved top of cement on the next stage. Excess calculated to 21% - additional cement might be required.
- b. Second stage above DV tool:
- Cement to surface. If cement does not circulate to the surface:
 - i. The appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - ii. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever

is greater.

iii. If cement falls back, remedial cementing will be done prior to drilling out that string.

MHH 06072017