

Form 3160-3
April 2004

SEP 06 2016

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
OCD Hobbs

FORM APPROVED
BLM No. 1004-0137
Expires March 31, 2007

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.

Case Serial No.
SHL:NM0004452; BH:NMNM057285

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Matador Production Company

3a. Address
PO BOX 1936 ~ ROSWELL NM 88202-1936

3b. Phone No. (include area code)
575/623/6601

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit O, 330' FSL & 1,980' FEL, Sec 27: T19S, R34E

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Mallon 27 Federal Com #2H

9. API Well No.
30-025-42315

10. Field and Pool, or Exploratory Area
Lea; Bone Spring

11. County or Parish, State
Lea, New Mexico

12. CHECK 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"/> Fracture Treat	<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 checked="" type="checkbox"/> Other Drill 8 1/2 OH from end of curve to TD
	<input type="checkbox"/> Change Plans	<input 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BLM Bond No. NMB001079
Surety Bond NO. RLB0015172

Per the Mallon 27 Fed Com #2H APD, the "Operator may drill a 8-1/2" OH from end of curve to TD of the well. This is to reduce the need to ream the conventionally drilled curve to run a RSS assembly into the lateral." Matador is electing to drill the 8-1/2 OH from end of curve to TD as permitted in the APD.

See attached document.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Tammy R. Link

Title Production Analyst

Signature

Date

08/17/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Mustafa Hague

Title

Engineer

Date

09/02/2016

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

Hobbs

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)

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571e

Drilling Operations Plan
Mallon 27 Federal Com #2H
Matador Resources Company
UL:0, Sec 27, 19S, 34E
Lea Co., NM

Casing Program

Name	Hole Size	Casing Size	Wt/Grade	Thread Collar	OH Setting Depth	Top Cement
Production	8-3/4"	5-1/2" (new)	20# P-110	Hydril 563	5600-11,221	4600'
	8-1/2"				11,221-18,279	

*Lateral will be planned for 8-1/2" hole size. 5-1/2" casing will be run from surface to TD.

Minimum Safety Factors: Burst: 1.125 Collapse: 1.125 Tension 1.8

Cementing Program

Production	Lead	768	2.25	11.5	TXI + Fluid Loss + Dispersant + Retarder + LCM
	Tail	1993	1.38	13.2	TXI + Fluid Loss + Dispersant + Retarder + LCM
TOC = 4600'		35% Excess			None in Lateral, 1 every 3 rd jt from 60 deg in curve to top of tail cement (~500 ft above KOP) then 1 every 4 th joint to 500' inside previous casing

Proposed Mud System:

Name	Hole Size	Mud Weight	Visc	Fluid Loss	Type Mud
Production	8-3/4" x 8-1/2"	9.00	30-32	NC	FW/Cut Brine