

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

5. Lease Serial No.
NM 40406 LC 065607

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Federal "6" Com #2

9. API Well No.
30-025-36003

10. Field and Pool, or Exploratory Area
Quail Ridge; Morrow (Gas)

11. County or Parish, State

Lea, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Matador Operating Company

3a. Address Dallas, TX 75231
8340 Meadow Road #150

3b. Phone No. (include area code)
214-987-7128

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FNL & 1980' FEL Sec. 6, T20S, R34E G

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 type="checkbox"/> Other
	<input checked="" 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 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat 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.)

Matador Operating Company proposes the revised casing/cement program as per the attached outline. The primary change will be the addition of a salt protection string per BLM requirements in the area.

(ORIG. SGD.) GARY GOURLEY

APPROVED

SEP 16 2002

GARY GOURLEY
PETROLEUM ENGINEER

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

Jim Kramer

Title Sr. Drilling Engineer

Signature

Date

9/3/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Date

Office

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 reverse)

ATTACHMENT TO :
SUNDRY NOTICE
MATADOR OPERATING COMPANY'S
FEDERAL "6" COM #2
LEA COUNTY, NEW MEXICO

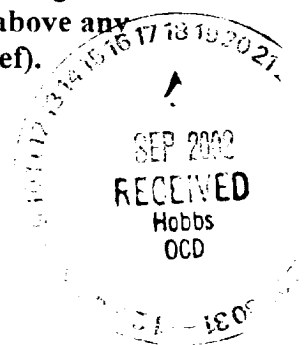
(4) REVISED CASING PROGRAM

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>CASING OD</u>	<u>DESCRIPTION</u>
36"	0'-40'	30"	Conductor, if necessary
26"	0'-500'	20"	94# H-40 STC, New R-3
17-1/2"	0-2500'	13-3/8"	61# J-55 STC, New R-3
	2500'-3200'	13-3/8"	68# J-55 STC, New R-3
11"	0'-4850'	8-5/8"	32# J-55 STC, New R-3
7-7/8"	0-13700'	5-1/2"	20# P-110 LTC, New R-3

*Note: Base of salt @ $\pm 3100'$.

REVISED CEMENTING PROGRAM

30" Conductor	Ready-Mix poured to surface
20" Surface Casing	Cement w/570 sx Class "C" Light + 2% CaCl ₂ + 1/4# Flocele (12.5 ppg, 2.06 ft ³ /sx). Tail w/250 sx Class "C" + 2% CaCl ₂ (14.8 ppg, 1.32 ft ³ /sx). Float equipment: Texas pattern shoe w/insert. Float valve above shoe joint, 3 centralizers.
13-3/8" Salt Protection Casing	Cement to surface in one (1) stage: Lead w/1500 sx Interfill "C" (11.5 ppg, 2.73 ft ³ /sx). Tail w/250 sx Class "C" + 1% CaCl ₂ (14.8 ppg, 1.32 ft ³ /sx) Float equipment: Float shoe w/float collar above shoe joint, 10 centralizers.
8-5/8" Intermediate Casing	Cement in two (2) stages – tie back minimum 100' inside 13-3/8" casing. DV Tool estimated @ 3500' (above any lost circulation in Capitan Reef).



1st stage: 200 sx Interfill "C" (11.5 ppg, 2.73 ft³/sx). Tail w/200 sx Class "C" + 1% CaCl₂ (14.8 ppg, 1.32 ft³/sx).

2nd stage: 200 sx Interfill "C" (11.5 ppg, 2.73 ft³/sx). Tail w/100 sx Class "C" (14.8 ppg, 1.32 ft³/sx).

Float Equipment: Float shoe w/float collar above shoe joint, 6 centralizers.

- **Note:** If loss circulation is severe, an external casing packer will be run in combination with the stage tool to insure tieback to 13-3/8" casing.

5-1/2" Production Casing

No change from original permit design.

(5) PRESSURE CONTROL EQUIPMENT:

*2000 psi WP rating for all BOPE in 17-1/2" and 11" hole sections.

Per discussion w/Gary Gourley w/BLM, the 20" casinghead will be replaced with a 13-3/8" SOW x 13-5/8" 3M casinghead after setting the 13-3/8" casing (required to maintain correct BOPE dimensions under the rig substructure).

*No change in 7-7/8" hole sections (5000 psi WP rating).

(6) REVISED MUD PROGRAM

DEPTH	TYPE	WEIGHT (PPG)	VISCOSITY (SEC)	FLUID LOSS (CC)	PH
0'-500'	Fresh Water	8.3-8.8	28-30	Not critical	9-10
500'-3200'	Brine Water	8.8-10.2	28-30	Not critical	9-10
3200'-4850'	Fresh Water	8.3-8.5	28-30	Not critical	9-10
4850'-12,500'	FW/Cut brine	8.5-9.0	28-30	Not critical	9-10
12,500'-13,700'	Polymer/Gel	9.0-10.5	32-36	≤10	9-10

RECEIVED
Hobbs
OCD