

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD  
Hobbs

FORM APPROVED  
OMB 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.*

5. Lease Serial No.  
NMNM22642

6. If Indian, Allottee or Tribe Name

**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)  
**1980' FSL & 660' FEL, Sec. 10, T18S, R32E**

**BBS OCD**  
**JAN 25 2016**  
**RECEIVED**

7. If Unit or CA/Agreement, Name and/or No.  
**8910180420 NM71067B**

8. Well Name and No.  
**Young Deep Unit #39**

9. API Well No.  
**30-025-38179**

10. Field and Pool, or Exploratory Area  
**Young; Bone Spring North**

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 checked="" 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 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. NMB0001079  
Surety Bond No. RLB0015172

*Additional plugs needed COA*

MIRU PU and POOH w/ production tbg, pump & rods  
MIRU WL and RIH to set CIBP @ ± 8044'. Load and test casing to 500#  
RIH and perf 1st Bone Spring intervals from 8206-8216', 8146-8152', 8162-8166', 8174-8177', and 8182-8191'  
RIH w/ tubing and packer, set pkr @ ± 7,450'  
Acidize perfs @ 8206-8216', 8146-8152', 8162-8166', 8174-8177', and 8182-8191'  
Swab test  
Frac perfs @ 8206-8216', 8146-8152', 8162-8166', 8174-8177', and 8182-8191'  
POOH w/ pkr, RIH w/ production tbg, pump & rods. Put well on Production. See Attached Wellbore Schematics

**ENTERED  
IN AFMS**

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

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

**Tammy R. Link**

Title **Production Tech**

Signature

*Tammy R. Link*

Date

**10/08/2015**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**  
**JAN 19 2016**

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

**BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD 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 page 2)

*MRS/OCD 2/3/2016*

**FEB 03 2016**

*ay*

Young Deep Unit 39  
 Young Field  
 API #30-025-38179  
 UL-I-10-18S-32E Lea County  
 1980' FSL & 660' FEL

GL: 3,830.2' KB-3849.7'  
 Matador Resources

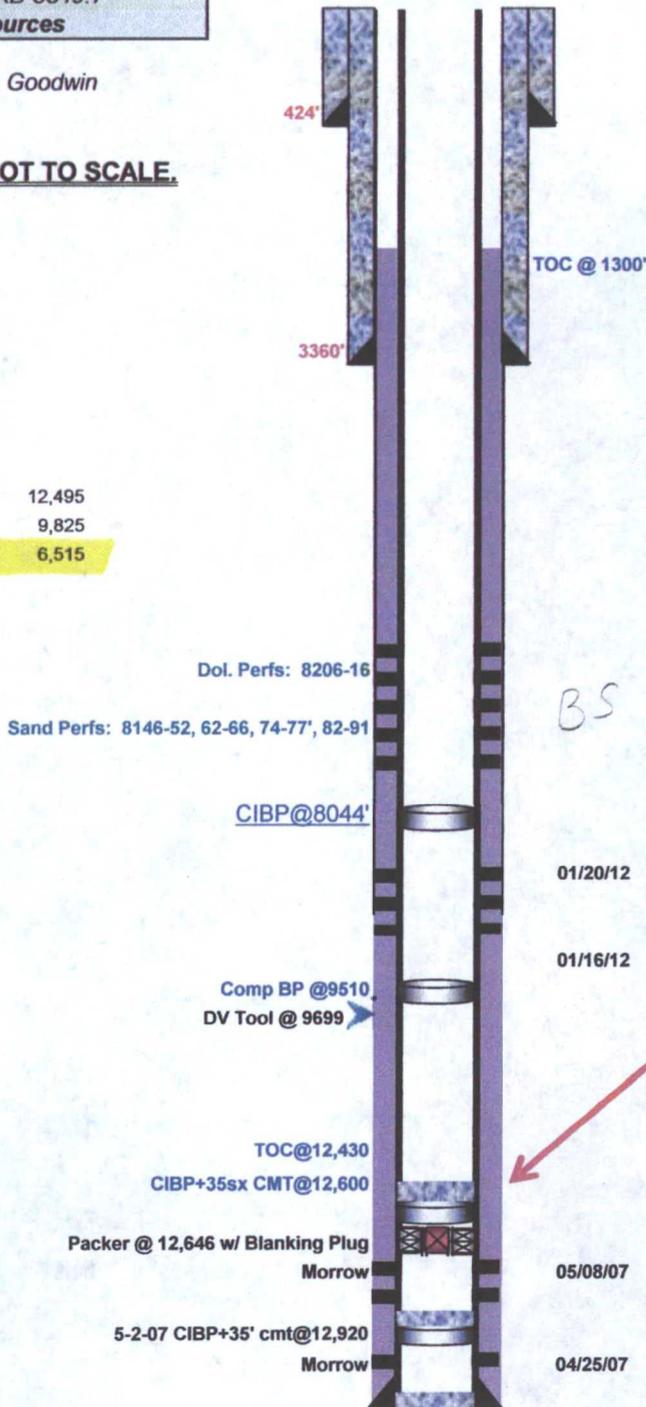
prepared by T. Goodwin

**DRAWING NOT TO SCALE.**

TOPS	
Morrow	12,495
Wolfcamp	9,825
Bonespring	6,515

Spud: 1/29/2007  
 TD: 4/7/2007 13039'  
 Completed: 5/25/2007  
 PBD: 4/7/2007 12973'

**Proposed**



<b>Surface Casing:</b>		
Bit size - 17-1/2"		
424' - 13 3/8 54.5# J-55 STC		
Cmtd w/ 425sx CL C		
TOC-SURF, Circ 84 sx		
<b>Intermediate Casing:</b>		
Bit size - 12 1/4"		
3360' -8 5/8" 32# J-55 STC		
L-1000sx, T-200 sx		
TOC-SURF, Circ 179sx		
<b>Production Casing:</b>		
Bit size - 7 7/8"		
13039' - 5 1/2" -DV@9699		
Weight	Grad/Conn	Set @
17#	P-110/LTC	1418
17#	N-80/LTC	10273
17#	P-110/LTC	13039
<b>Production Cement</b>		
STG 1-710 sx H 15.1ppg circ120		
STG 2 L-1150 T-100		
TOC-1300' by CBL on 04/24/07		

- BS
- 01/20/12 8915-8997 (20)  
 Acidize w/ 1500 gal 15% NEFE  
 Frac w/ 105Kgal + 150K#'s 16/30
  - 01/16/12 9103-9138 (20)  
 Acidize w/ 1500 gal 15% NEFE  
 Frac w/ 109Kgal + 180K#'s 16/30  
**Note: CIBP+35' CMT @ 12,600 is not considered proper for final plugging Additional plugs will be Required**
  - 05/08/07 12702-10, 13-16, 35-40, 47-49, 54-57 (84)  
 Acidize w/ 2000 gal ISOSOL  
 Frac w/ Binary + 24.5K #'s Sinterball
  - 04/25/07 12944-12954 (40)

PBD: 12973'  
 TD: 13039'

Young Deep Unit 39  
 Young Field  
 API #30-025-38179  
 UL-I-10-18S-32E Lea County  
 1980' FSL & 660' FEL

GL: 3,830.2' KB-3849.7'  
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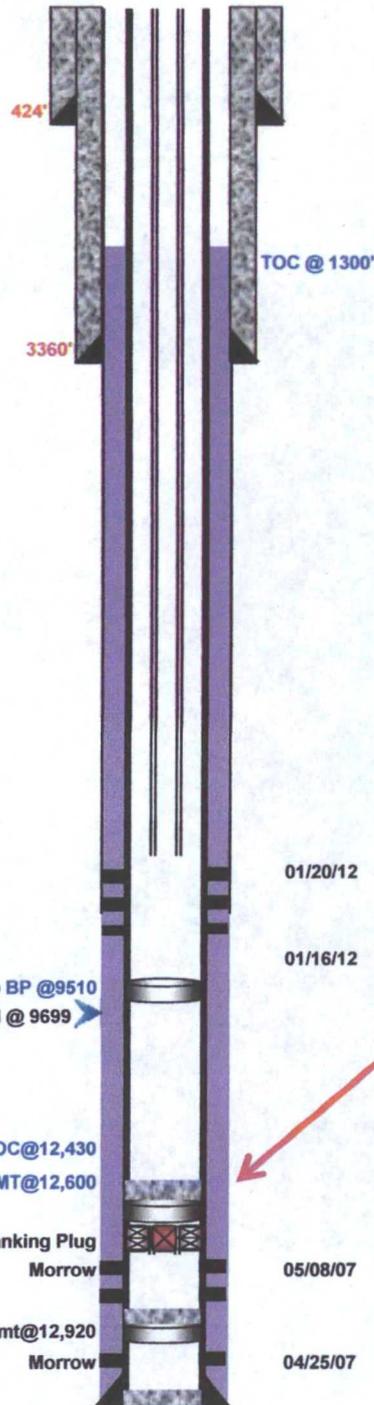
prepared by T. Goodwin

**DRAWING NOT TO SCALE.**

Wellbore Status as of : 10/07/15

Spud: 1/29/2007  
 TD: 4/7/2007 13039'  
 Completed: 5/25/2007  
 PBDT: 4/7/2007 12973'

**Actual**



TOPS  
 Morrow 12,495  
 Wolfcamp 9,825  
 Bonespring 6,515

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- 04/25/07 12944-12954 (40)

PBDT: 12973'  
 TD: 13039'

**Young Deep Unit 39**  
**30-025-38179**  
**Matador Production Company**  
**January 19, 2016**  
**Conditions of Approval**

**Notify BLM at 575-393-3612 a minimum of 24 hours prior to commencing work.**

**Work to be completed by April 19, 2016.**

- 1. Operator shall place and additional 75' Class H cement on top of CIBP at 12,600' to properly seal the Morrow formation.**
- 2. Operator shall place a balanced class H cement plug from 9,925'-9,649' to seal the top of the Wolfcamp formation and DV tool. WOC and tag required.**
- 3. Must conduct a casing integrity test before perforating and fracturing. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Notify BLM if test fails**
- 4. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.**
- 5. Surface disturbance beyond the originally approved pad must have prior approval.**
- 6. Closed loop system required.**
- 7. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.**
- 8. Operator to have H2S monitoring equipment on location.**
- 9. A minimum of a 3000 (3M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (3M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.**

**10. Subsequent sundry required detailing work done, C-102 form, and completion report with the new formation. Operator to include well bore schematic of current well condition when work is complete.**

**11. See attached for general requirements.**

**JAM 011916**

**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. Plugging operations shall commence within ninety (90) days from this approval.

**If you are unable to plug back 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 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. 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.**

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.**

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.