Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
OCD Artesia

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMNM117120

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM124060

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
ZACH MCCORMICK FED COM 226H

2. Name of Operator
MATADOR PRODUCTION COMPANY

Contact: TAMMY R LINK
E-Mail: tlink@matadorresources.com

9. API Well No.
30-015-44251-00-X1

3a. Address
ONE LINCOLN CENTER 5400 LBJ FREEWAY SUITE 1500
DALLAS, TX 75240

3b. Phone No. (include area code)
575-623-6601 Ext: 2465

10. Field and Pool or Exploratory Area
PIERCE CROSSING-WOLFCAMP, NW

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 13 T24S R28E SENE ~~2414FNL 341FEL~~ 2325 FNL & 311 FEL
32.218384 N Lat, 104.033257 W Lon

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☒ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 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.

BLM BOND NO NMB0001079
SURETY BOND NO. RLB0015172

Accepted for record - NMOCD 8-10-17

NM OIL CONSERVATION
ARTESIA DISTRICT
AUG 09 2017
RECEIVED

Matador requests a variance to run 7-5/8" BTC casing inside 9-5/8" BTC casing which will be less than 0.422" stand off regulation. Matador has met with Christopher Walls and Mustafa Haque as well as other BLM representatives and determined that this would be acceptable as long as the 7-5/8" flush casing was run throughout the entire 300' cement tie back section between 9-5/8" and 7-5/8" casing.

Note: Expected spud date is 8/18/17.

-All previous COAs still apply. Additional COA is not required.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #380564 verified by the BLM Well Information System
For MATADOR PRODUCTION COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 07/14/2017 (17PP0643SE)

Name *(Printed/Typed)* TAMMY R LINK — Title PRODUCTION ANALYST

Signature (Electronic Submission) — Date 07/05/2017

APPROVED
AUG 8 2017
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By Mustafa Haque — Title PETROLEUM ENGINEER — Date 8-8-2017

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 CFO

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 ****

Name	Hole Size	Casing Size	Wt/Grade	Thread Collar	Setting Depth
Surface	17-1/2"	13-3/8" (new)	54.5# J-55	BTC	650
Intermediate	12-1/4"	9-5/8" (new)	40# J-55	BTC	2750
Intermediate 2 Top	8-3/4"	7-5/8" (new)	29.7# P-110	BTC	2450
Intermediate 2 Middle	8-3/4"	7-5/8" (new)	29.7# P-110	VAM HTF-NR	9850
Intermediate 2 Bottom	8-3/4"	7" (new)	29# P-110	BTC	10795
Production Top	6-1/8"	5-1/2" (new)	20# P-110	BTC/TXP	9750
Production Bottom	6-1/8"	4-1/2" (new)	13.5# P-110	BTC/TXP	15438

Top Cement
Surface
Surface
2450
2450
2450
10295
10295

Name	Type	Sacks	Yield	Weight
Surface	Lead	240	1.82	12.8
	Tail	350	1.38	14.8
TOC = 0'		100% Excess		
Intermediate	Lead	550	2.13	12.6
	Tail	270	1.38	14.8
TOC = 0'		100% Excess		
Intermediate 2	Lead	500	2.13	12.6
	Tail	310	1.38	14.8
TOC = 2450'		60% Excess		
Production	Tail	510	1.17	15.8
TOC = 10295'		25% Excess		

Blend
Class C + Bentonite + 2% CaCL2 + 3% NaCl + LCM
Class C + 5% NaCl + LCM
Centralizers per Onshore Order 2.III.B.1f
Class C + Bentonite + 1% CaCL2 + 8% NaCl + LCM
Class C + 5% NaCl + LCM
2 on btm jt, 1 on 2nd jt, 1 every 4th jt to surface
TXI + Fluid Loss + Dispersant + Retarder + LCM
TXI + Fluid Loss + Dispersant + Retarder + LCM
2 on btm jt, 1 on 2nd jt, 1 every 4th jt to top of tail cement (500' above TOC)
Class H + Fluid Loss + Dispersant + Retarder + LCM
2 on btm jt, 1 on 2nd jt, 1 every other jt to top of curve

For the latest performance data, always visit our website: www.tenaris.com

February 02 2017

Tenaris

Size: 4.500 in.
Wall: 0.290 in.
Weight: 13.50 lbs/ft
Grade: P110-ICY
Min. Wall Thickness: 87.5 %

Connection: TenarisXP® BTC
Casing/Tubing: CAS
Coupling Option: REGULAR

Nominal OD	**4.500** in.	Nominal Weight	**13.50** lbs/ft	Standard Drift Diameter	**3.795** in.
Nominal ID	**3.920** in.	Wall Thickness	**0.290** in.	Special Drift Diameter	**N/A**
Plain End Weight	**13.05** lbs/ft				

Body Yield Strength	**479** x 1000 lbs	Internal Yield	**14100** psi	SMYS	**125000** psi
Collapse	**11620** psi				

Connection OD	**5.000** in.	Coupling Length	**9.075** in.	Connection ID	**3.908** in.
Critical Section Area	**3.836** sq. in.	Threads per in.	**5.00**	Make-Up Loss	**4.016** in.

Tension Efficiency	100 %	Joint Yield Strength	**479** x 1000 lbs	Internal Pressure Capacity(1)	**14100** psi
Structural Compression Efficiency	**100** %	Structural Compression Strength	**479** x 1000 lbs	Structural Bending(2)	**127** °/100 ft
External Pressure Capacity	**11620** psi				

Minimum	**6950** ft-lbs	Optimum	**7720** ft-lbs	Maximum	**8490** ft-lbs

Operating Torque	**10500** ft-lbs	Yield Torque	**12200** ft-lbs		

Blanking Dimensions

(1) Internal Pressure Capacity related to structural resistance only. Internal pressure leak resistance as per

section 10.3 API 5C3 / ISO 10400 - 2007.

(2) Structural rating, pure bending to yield (i.e no other loads applied)

(3) Torque values calculated for API Modified thread compounds with Friction Factor=1. For other thread compounds please contact us at licensees@oilfield.tenaris.com. Torque values may be further reviewed.

For additional information, please contact us at contact-tenarishydril@tenaris.com

For the latest performance data, always visit our website: www.tenaris.com

February 02 2017

Tenaris

Size: 5.500 in.
Wall: 0.361 in.
Weight: 20.00 lbs/ft
Grade: P110-IC
Min. Wall Thickness: 87.5 %

Connection: TenarisXP® BTC
Casing/Tubing: CAS
Coupling Option: REGULAR

Nominal OD	**5.500** in.	Nominal Weight	**20.00** lbs/ft	Standard Drift Diameter	**4.653** in.
Nominal ID	**4.778** in.	Wall Thickness	**0.361** in.	Special Drift Diameter	**N/A**
Plain End Weight	**19.83** lbs/ft				

Body Yield Strength	**641** x 1000 lbs	Internal Yield	**12630** psi	SMYS	**110000** psi
Collapse	**12100** psi				

Connection OD	**6.100** in.	Coupling Length	**9.450** in.	Connection ID	**4.766** in.
Critical Section Area	**5.828** sq. in.	Threads per in.	**5.00**	Make-Up Loss	**4.204** in.

Tension Efficiency	**100** %	Joint Yield Strength	**641** x 1000 lbs	Internal Pressure Capacity(1)	**12630** psi
Structural Compression Efficiency	100 %	Structural Compression Strength	**641** x 1000 lbs	Structural Bending(2)	**92** °/100 ft
External Pressure Capacity	**12100** psi				

Minimum	**11270** ft-lbs	Optimum	**12520** ft-lbs	Maximum	**13770** ft-lbs

Operating Torque	**21500** ft-lbs	Yield Torque	**23900** ft-lbs		

Blanking Dimensions

(1) Internal Pressure Capacity related to structural resistance only. Internal pressure leak resistance as per

section 10.3 API 5C3 / ISO 10400 - 2007.

(2) Structural rating, pure bending to yield (i.e no other loads applied)

(3) Torque values calculated for API Modified thread compounds with Friction Factor=1. For other thread compounds please contact us at licensees@oilfield.tenaris.com. Torque values may be further reviewed.

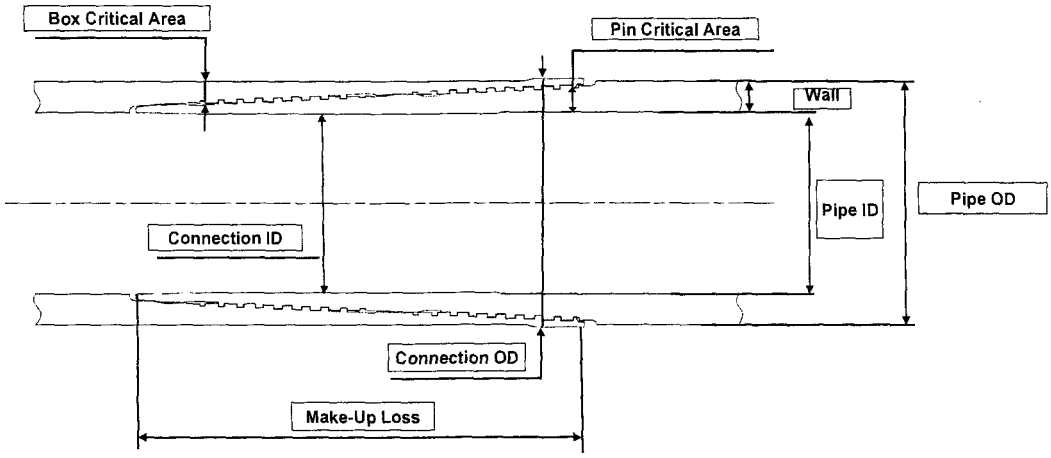
For additional information, please contact us at contact-tenarishydril@tenaris.com

CONNECTION DATA SHEET (Imperial Units)

ISO 9001

Connection: VAM® HTF-NR 7,625" 29,70# P110EC
Alternate Drift: 6,750"

Drawing: PD-101836P PD-101836B **Isolated connection**



OD	WEIGHT	WALL	GRADE	API DRIFT
7,625"	29,70 lb/ft	0,375"	P110EC	6,750"

PIPE BODY PROPERTIES:

Outside Diameter	*inch*	7,625
Internal Diameter	*inch*	6.875
Nominal Area	*sqin.*	8,541
Yield Strength	*klb*	1 068
Ultimate Strength	*klb*	1 153
MIYP	*psi*	10 760
Collapse Pressure	*psi*	5 670

CONNECTION PROPERTIES:

Connection OD (nom)	*inch*	7,701
Connection ID	*inch*	6,782
Coupling Length	*inch*	N/A
Make-up Loss	*inch*	4.657
Box critical area	*%PBYS*	58%
Pin critical area	*%PBYS*	67%
Yield Strength	*klb*	619
Ultimate strength	*klb*	669
Structural compression	*klb*	776
Compression with sealability	*klb*	371
MIYP	*psi*	10 760
Ext Pressure Resistance	*psi*	5 670
Regular Make-up Torque	*ft.lb*	
	Min	9 600
	Opt	11 300
	Max	13 000
Maximum Torque with Sealability	*ft.lb*	58 500
Maximum Torsional Value	*ft.lb*	73 000

No one knows VAM like VAM

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80 VAM Specialists available worldwide 24/7 for Rig Site Assistance

vallourec

Designed by :
X. MENCAGLIA

Reference: VRCC16-1177
Revision : 0
Date : July 19, 2016