

RECEIVED

Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 16 2020

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS**  
*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. NMNM004825
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. Multiple--See Attached
9. API Well No. Multiple--See Attached
10. Field and Pool or Exploratory Area GETTY
11. County or Parish, State EDDY COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other
2. Name of Operator MATADOR PRODUCTION COMPANY Contact: CADE LABOLT E-Mail: cade.labolt@matadorresources.com
3a. Address ONE LINCOLN CENTER 5400 LBJ FREEWAY SUITE DALLAS, TX 75240
3b. Phone No. (include area code) 817 972-629-2158
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Multiple--See Attached

12. CHECK THE 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 checked="" type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 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 recomplate 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.: NMB001079  
Surety Bond No.: RLB001572

Matador requests the option to a production casing change to run 7' 29# P110EC from Top MD of 0' to Bottom MD of 7300' and 5-1/2' 20# P110 CYHC Tec-Lock Wedge from a Top MD of 7300' to Total Depth. Spec sheets are attached.

This optional change is also requested for the following Pennzoil Federal well located on the same well pad location:

Pennzoil 3231 Fed Com 126H: API 30-015-44574

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

Electronic Submission #498249 verified by the BLM Well Information System  
For MATADOR PRODUCTION COMPANY, sent to the Carlsbad  
Committed to AFMSS for processing by PRISCILLA PEREZ on 01/13/2020 (20PP0832SE)

Name (Printed/Typed) CADE LABOLT

Title LANDMAN

Signature (Electronic Submission)

Date 01/07/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By NDJUNGU KAMAU

Title PETROLEUM ENGINEER

Date 02/24/2020

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 Carlsbad

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 \*\*

Accepted 3-25-20  
RUP

**Additional data for EC transaction #498249 that would not fit on the form**

**Wells/Facilities, continued**

<b>Agreement</b>	<b>Lease</b>	<b>Well/Fac Name, Number</b>	<b>API Number</b>	<b>Location</b>
NMNM004825	NMNM004825	PENNZOIL 3231 FED COM 125H	30-015-44924-00-X1	Sec 33 T20S R29E SWNW 2000FNL 408FWL
NMNM004825	NMNM004825	PENNZOIL 3231 FED COM 126H	30-015-44574-00-X1	Sec 33 T20S R29E SWNW 2000FNL 378FWL

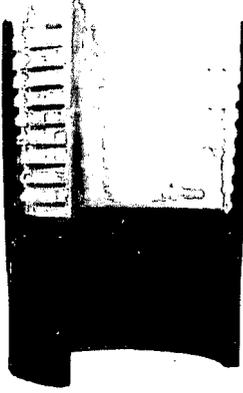
**Revisions to Operator-Submitted EC Data for Sundry Notice #498249**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	CSG-ALTER NOI	CSG-ALTER NOI
Lease:	NMNM004825	NMNM004825
Agreement:		
Operator:	MATADOR PRODUCTION COMPANY 5400 LBJ FWY SUITE 1500 DALLAS, TX 75240 Ph: 972-371-5200	MATADOR PRODUCTION COMPANY ONE LINCOLN CENTER 5400 LBJ FREEWAY SUITE 1500 DALLAS, TX 75240 Ph: 972.371.5200
Admin Contact:	CADE LABOLT ASSOCIATE LANDMAN E-Mail: cade.labolt@matadorresources.com  Ph: 9726292158	CADE LABOLT LANDMAN E-Mail: cade.labolt@matadorresources.com  Ph: 972-629-2158
Tech Contact:	CADE LABOLT ASSOCIATE LANDMAN E-Mail: cade.labolt@matadorresources.com  Ph: 9726292158	CADE LABOLT LANDMAN E-Mail: cade.labolt@matadorresources.com  Ph: 972-629-2158
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	GETTY; BONE SPRING	GETTY
Well/Facility:	PENNZOIL 3231 FED COM 125H Sec -2147483648 T20S R29E Mer NMP 2000FNL 408FWL	PENNZOIL 3231 FED COM 125H Sec 33 T20S R29E SWNW 2000FNL 408FWL  PENNZOIL 3231 FED COM 126H Sec 33 T20S R29E SWNW 2000FNL 378FWL

# TEC-LOCK WEDGE

5.500" 20 LB/FT (.361" Wall)

Benteler P110 CY HC



## Pipe Body Data

Nominal OD:	5.500	in
Nominal Wall:	.361	in
Nominal Weight:	20.00	lb/ft
Plain End Weight:	19.83	lb/ft
Material Grade:	P110 CY HC	
Mill/Specification:	Benteler	
Yield Strength:	125,000	psi
Tensile Strength:	130,000	psi
Nominal ID:	4.778	in
API Drift Diameter:	4.653	in
Special Drift Diameter:	None	in
RBW:	87.5 %	
Body Yield:	729,000	lbf
Burst:	14,360	psi
Collapse:	13,000	psi

## Connection Data

Standard OD:	5.920	in
Pin Bored ID:	4.778	in
Critical Section Area:	5.656	in <sup>2</sup>
Tensile Efficiency:	97 %	
Compressive Efficiency:	100 %	
Longitudinal Yield Strength:	707,000	lbf
Compressive Limit:	729,000	lbf
Internal Pressure Rating:	14,360	psi
External Pressure Rating:	13,000	psi
Maximum Bend:	101.2	°/100ft

## Operational Data

Minimum Makeup Torque:	15,000	ft*lbf
Optimum Makeup Torque:	18,700	ft*lbf
Maximum Makeup Torque:	41,200	ft*lbf
Minimum Yield:	45,800	ft*lbf
Makeup Loss:	5.97	in

Notes Operational Torque is equivalent to the Maximum Make-Up Torque

Technical Specifications

<b>Connection Type:</b> DWC/C Casing 2012 API Spec 5CT Coupling O D	<b>Size(O.D.):</b> 7 in	<b>Weight (Wall):</b> 29.00 lb/ft (0.408 in)	<b>Grade:</b> VMS P110 EC
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<b>VMS P110 EC</b>	<b>Material</b>
125,000	Grade
135,000	Minimum Yield Strength (psi)
	Minimum Ultimate Strength (psi)

	<b>Pipe Dimensions</b>
7.000	Nominal Pipe Body O.D. (in)
6.184	Nominal Pipe Body I.D.(in)
0.408	Nominal Wall Thickness (in)
29.00	Nominal Weight (lbs/ft)
28.75	Plain End Weight (lbs/ft)
8.449	Nominal Pipe Body Area (sq in)

	<b>Pipe Body Performance Properties</b>
1,056,000	Minimum Pipe Body Yield Strength (lbs)
9,580	Minimum Collapse Pressure (psi)
12,750	Minimum Internal Yield Pressure (psi)
11,700	Hydrostatic Test Pressure (psi)

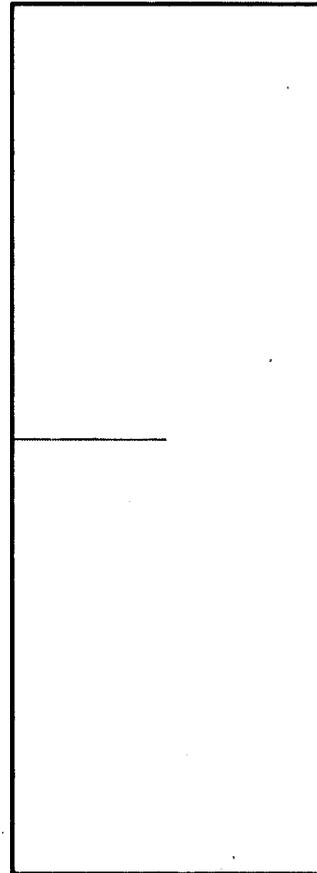
	<b>Connection Dimensions</b>
7.875	Connection O.D. (in)
6.184	Connection I.D. (in)
6.125	Connection Drift Diameter (in)
4.50	Make-up Loss (in)
8.449	Critical Area (sq in)
100.0	Joint Efficiency (%)

	<b>Connection Performance Properties</b>
1,056,000	Joint Strength (lbs)
26,010	Reference String Length (ft) 1.4 Design Factor
1,045,000	API Joint Strength (lbs)
528,000	Compression Rating (lbs)
9,580	API Collapse Pressure Rating (psi)
12,750	API Internal Pressure Resistance (psi)
40.9	Maximum Uniaxial Bend Rating [degrees/100 ft]

	<b>Appoximated Field End Torque Values</b>
26,800	Minimum Final Torque (ft-lbs)
31,300	Maximum Final Torque (ft-lbs)
35,800	Connection Yield Torque (ft-lbs)



VAM-USA  
4424 W. Sam Houston Pkwy Suite 150  
Houston, TX 77041  
Phone: 713-479-3200  
Fax: 713-479-3234  
E-mail: [VAMUSAsales@na.vallourec.com](mailto:VAMUSAsales@na.vallourec.com)



For detailed information on performance properties, refer to DWC Connection Data Notes on following page(s).

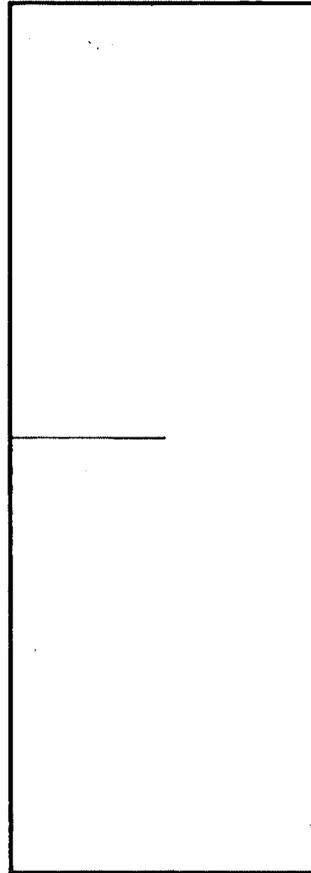
Connection specifications within the control of VAM-USA were correct as of the date printed. Specifications are subject to change without notice. Certain connection specifications are dependent on the mechanical properties of the pipe. Mechanical properties of mill proprietary pipe grades were obtained from mill publications and are subject to change. Properties of mill proprietary grades should be confirmed with the mill. Users are advised to obtain current connection specifications and verify pipe mechanical properties for each application.

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**DWC Connection Data Notes:**

1. DWC connections are available with a seal ring (SR) option.
2. All standard DWC/C connections are interchangeable for a give pipe OD. DWC connections are interchangeable with DWC/C-SR connections of the same OD and wall.
3. Connection performance properties are based on nominal pipe body and connection dimensions.
4. DWC connection internal and external pressure resistance is calculated using the API rating for buttress connections. API Internal pressure resistance is calculated from formulas 31, 32, and 35 in the API Bulletin 5C3.
5. DWC joint strength is the minimum pipe body yield strength multiplied by the connection critical area.
6. API joint strength is for reference only. It is calculated from formulas 42 and 43 in the API Bulletin 5C3.
7. Bending efficiency is equal to the compression efficiency.
8. The torque values listed are recommended. The actual torque required may be affected by field conditions such as temperature, thread compound, speed of make-up, weather conditions, etc.
9. Connection yield torque is not to be exceeded.
10. Reference string length is calculated by dividing the joint strength by both the nominal weight in air and a design factor (DF) of 1.4. These values are offered for reference only and do not include load factors such as bending, buoyancy, temperature, load dynamics, etc.
11. DWC connections will accommodate API standard drift diameters.



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