

Well Name: Ted Paup 3231 Fed Com	Well Location: T20S / R29E / SEC 33 / SWNW / 32.5314949 / -104.0874699	County or Parish/State: EDDY / NM
Well Number: 136H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0004825, NMNM04825	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001544925	Well Status: Drilling Well	Operator: MATADOR PRODUCTION COMPANY

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Other
Date Sundry Submitted: 02/19/2021	Time Sundry Submitted: 03:24
Date proposed operation will begin: 02/25/2021	

Procedure Description: BLM Bond No. NMB001079 Surety Bond No. RLB0015172 Matador requests the name of this well to be changed from the Pennzoil 3231 Fed Com 136H (API 30-015-44925) to be the Ted Paup 3231 Fed Com 136H (API 30-015-44925). Please see attached C-102. Matador requests the option for a production casing change to one of the following: 5-1/2" 20# P110 CYHC upgraded connection to Hunting Tec-Lock Wedge SC from Top MD 0' to Bottom MD of Total Depth 7" 29# P110EC from Top MD of 0' to Bottom MD of each individual well's respective top of curve or kick off point and 5-1/2" 20# P110 CYHC Tec-Lock Wedge SC from Top MD of each individual well's respective top of curve or kick off point to Bottom MD of Total Depth. Spec Sheets are attached. Cement volumes will be adjusted accordingly with lead and tail tops to be maintained at original approved design depths.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- 7.0_29_P110EC_DWC_C_20210219152404.pdf
- 5.5_in_Tec_Lock_Wedge_P_110_CYHC_20210219152357.pdf
- LO_TED_PAUP_3231_FED_COM_136H_C_102_S_signed_20210219152345.pdf

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Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: NICKY FITZGERALD	Signed on: FEB 19, 2021 03:24 PM
Name: MATADOR PRODUCTION COMPANY	
Title: Regulatory	
Street Address: 5400 LBJ FREEWAY STE 1500	
City: DALLAS	State: TX
Phone: (972) 371-5448	
Email address: nicky.fitzgerald@matadorresources.com	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone: (972)371-5448		
Email address:		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 06/07/2021
Signature: Chris Walls	

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1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44925		² Pool Code 27470		³ Pool Name Getty; Bone Spring	
⁴ Property Code 328129		⁵ Property Name TED PAUP 3231 FED COM			⁶ Well Number 136H
⁷ OGRID No. 228937		⁸ Operator Name MATADOR PRODUCTION COMPANY			⁹ Elevation 3263'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	33	20-S	29-E	-	2030'	NORTH	378'	WEST	EDDY

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	31	20-S	29-E	-	2123'	NORTH	60'	WEST	EDDY

¹² Dedicated Acres 318.80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶						¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Nicky Fitzgerald</i> 2/19/21 Signature Date Nicky Fitzgerald Printed Name nicky.fitzgerald@matadorresources.com E-mail Address	
¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief. 06/28/2019 Date of Survey Signature and Seal of Professional Surveyor Certificate Number							



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 ²
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

Generated on Aug 06, 2019



Technical Specifications

Connection Type:	Size(O.D.):	Weight (Wall):	Grade:
DWC/C Casing	7 in	29.00 lb/ft (0.408 in)	VMS P110 EC
2012 API Spec 5CT Coupling O.D.			

VMS P110 EC	Material
	Grade
125,000	Minimum Yield Strength (psi)
135,000	Minimum Ultimate Strength (psi)

	Pipe Dimensions
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)

	Pipe Body Performance Properties
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)

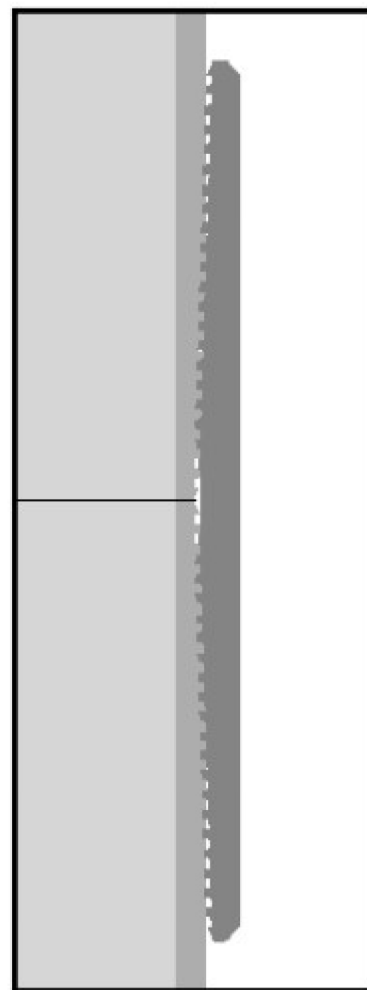
	Connection Dimensions
7.875	Connection O.D. (in)
6.184	Connection I.D. (in)
6.125	Connection Drift Diameter (in)
4.50	Make-up Loss (in)
8.449	Critical Area (sq in)
100.0	Joint Efficiency (%)

	Connection Performance Properties
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]

	Appoximated Field End Torque Values
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



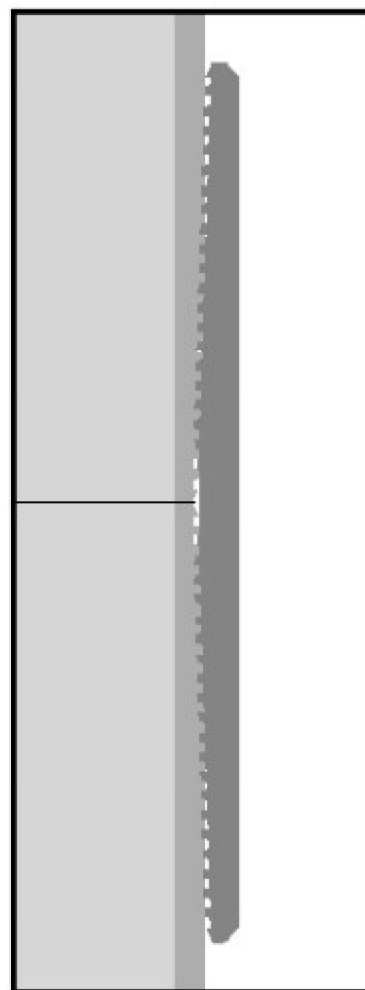
For detailed information on performance properties, refer to DWC Connection Data Notes on following page(s).

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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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 30902

COMMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 30902
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
jagarcia	Accepted for record	6/23/2021

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Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 30902
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CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	6/23/2021