

Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
Ted Paup 32-31	206H	3001544575	NMNM04825	NMNM04825	MATADOR
Ted Paup 3231	205H	3001544926	NMNM04825	NMNM04825	MATADOR

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Other

Date Sundry Submitted: 02/19/2021

Time Sundry Submitted: 01:38

Date proposed operation will begin: 02/27/2021

Procedure Description: BLM Bond No: NMB0001079 Surety Bond:RLB0015172 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**
- 5.5_in_Tec_Lock_Wedge_P_110_CYHC_20210219133453.pdf
 - 7_P110EC_DWC_C_20210219133453.PDF

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 01:35 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: 04/05/2021

Signature: Chris Walls

Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
PENNZOIL 32 FED	131H	3001544575	NMNM04825	NMNM04825	MATADOR
PENNZOIL 32 FED	201H	3001544926	NMNM04825	NMNM04825	MATADOR

Type of Submission: Notice of Intent

Type of Action Other

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Operator Electronic Signature: FITZGERALD

Signed on: FEB 19, 2021 01:35 PM

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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: 04/05/2021

Signature: Chris Walls

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)

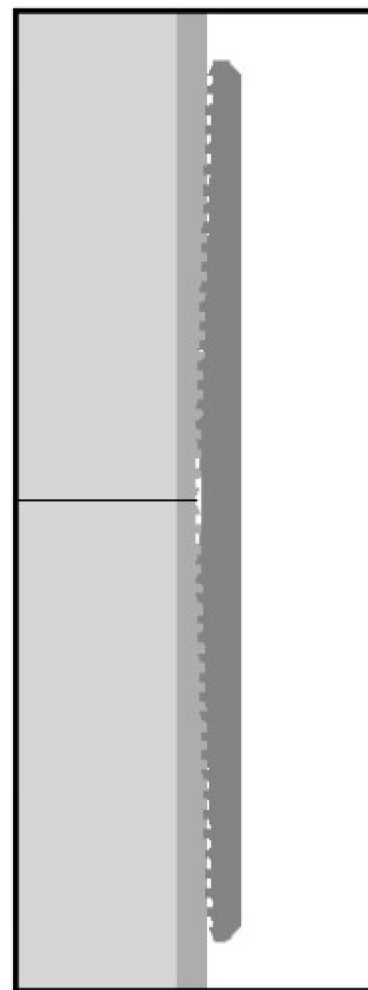
	Connection Dimensions
7.875	Connection O.D. (in)
6.184	Connection I.D. (in)
6.125	Connection Drift Diameter (in)
4.50	Make-up Loss (in)
8.449	Critical Area (sq in)
100.0	Joint Efficiency (%)

	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



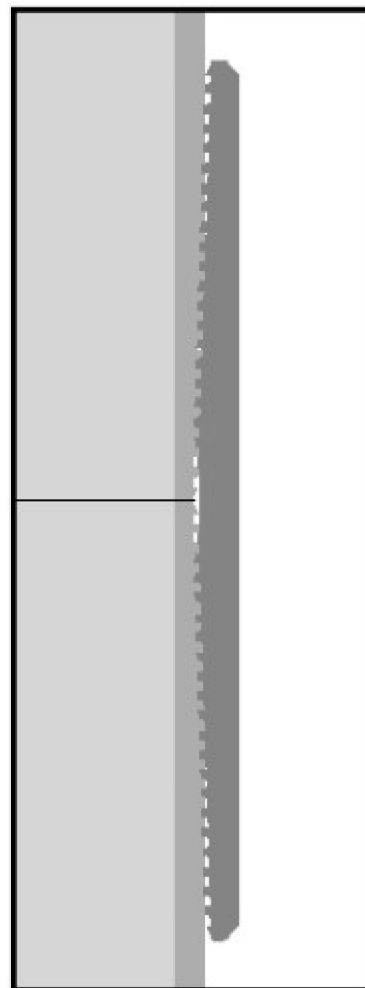
For detailed information on performance properties, refer to DWC Connection Data Notes on following page(s).

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

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

Generated on Aug 06, 2019



District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 25316

COMMENTS

Operator:	OGRID:	Action Number:	Action Type:
MATADOR PRODUCTION COMPANY 5400 LBJ Freeway, Ste 1500 One Lincoln Centre Dallas, TX75240	228937	25316	C-103A

Created By	Comment	Comment Date
kpickford	KP GEO Review 4/26/2021	04/26/2021

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State of New Mexico
Energy, Minerals and Natural Resources
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Santa Fe, NM 87505

CONDITIONS

Action 25316

CONDITIONS OF APPROVAL

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre 5400 LBJ Freeway, Ste 1500 Dallas, TX75240		OGRID: 228937	Action Number: 25316	Action Type: C-103A
OCD Reviewer	Condition			
kpickford	Adhere to previous NMOCD Conditions of Approval			