Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
COUNTY FAIR	602H	300254749200X1	NMNM101608	NMNM101608	FRANKLIN
COUNTY FAIR	701H	300254749300X1	NMNM101608	NMNM101608	FRANKLIN
BLUE RIBBON	702H	300254766200X1	NMNM101608	NMNM101608	FRANKLIN

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Other

Date Sundry Submitted: 06/07/2021

Time Sundry Submitted: 07:24

Date proposed operation will begin: 06/12/2021

Procedure Description: Franklin Mountain Energy, LLC (FME), Operator of the above captioned wells, in an effort to remediate issues with 5.5" Anaconda production string, respectfully requests approval to run 4.0" casing in hole per procedure outlined below. Carnival West Pad -- Remediation Procedure 1. Rig up WO rig, casing tongs, lay-down machine, and other ancillary equipment. 2. RIH with 4.0” 11.6 ppf RY-P110 LFS FJ-HT casing to TMD. 3. Land casing with approximately 65,000 pounds of tension in string. 4. Install hanger and lockdown pins. Pressure test wellhead up to 11,000 psi. 5. Pump sufficient cement to bring calculated top up to KOP. Exact volumes TBD. 6. Pressure up to burst pressure (approximately 5,600 psi) to activate Vertice sealing packer. 7. Allow cement to cure for minimum of 24 hours. Run CBL to determine TOC. Pressure test casing string to 70 percent of internal yield pressure. 8. RIH with coil tubing and perforating assembly. Perforate 30 holes through two strings. Establish injection. Well API 14 Kick-Off Point (KOP) TMD (ft) County Fair Fed Com 701H 30250474930000 11,617 21,841 County Fair Fed Com 602H 30025474920000 11,332 21,808 Blue Ribbon Fed Com 702H 30025476620000 11,521 21,895 Data sheets attached.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

DS_4.000_11.35_P_110RY_LFS_FJ_HTR_20210607192224.pdf

440_series_HyFORM_Data_Sheet___Vertice_Oil_Tools_20210607192224.pdf

4.0_Running_Procedure_FME_20210607192224.pdf

4_11.35_P110_RY_PE_20210607192224.pdf

Released to Imaging: 9/3/2021 9:41:08 AM

Conditions of Approval

Specialist Review

Sundry_ID_2502330_20210611130729.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: RACHAEL OVERBEY **Signed on:** JUN 07, 2021 07:22 PM

Name: FRANKLIN MOUNTAIN ENERGY LLC

Title: Director – Operations Planning and Regulatory

Street Address: 2401 E 2nd Avenue, Suite 300

City: Denver **State:** CO

Phone: (720) 414-7868

Email address: roverbey@fmellc.com

Field Representative

Representative Name: Mark Hinaman

Street Address: 44 Cook Street, Suite 1000

City: Denver **State:** CO **Zip:** 80206

Phone: (970)629-0668

Email address: mhinaman@fmellc.com

BLM Point of Contact

BLM POC Name: LONG VO **BLM POC Title:** Petroleum Engineer

BLM POC Phone: 5752345972 **BLM POC Email Address:** lvo@blm.gov

Disposition: Approved **Disposition Date:** 06/11/2021

Signature: Long Vo

CONFIDENTIAL

TECHNICAL DATA SHEET
LFS FJ-HT®
U.S. Patent 10,774,959

OD (in): 4.000 *WT (in): 0.286* *ID (in): 3.428* *Drift (in): 3.303*

Grade: P-110 RY

Yield Strength min (lbs): 367,100 Internal Yield Pressure (psi): 13,760 Collapse Resistance (psi): 13,150

Connection

Critical Section Area (in²): 2.03

Connection ID (in): 3.353

Minimum Parting Load (lbs): 256,970 Compressive Limit (lbs): 330,390

Tension Efficiency: 70% Compression Efficiency: 90%

Maximum Bend (°/100ft): 76

Operational Data

Nominal Torque Shoulder (ft*lbs): 1,300

Minimum Makeup Torque (ft*lbs): 4,100

Optimum Makeup Torque (ft*lbs): 5,800

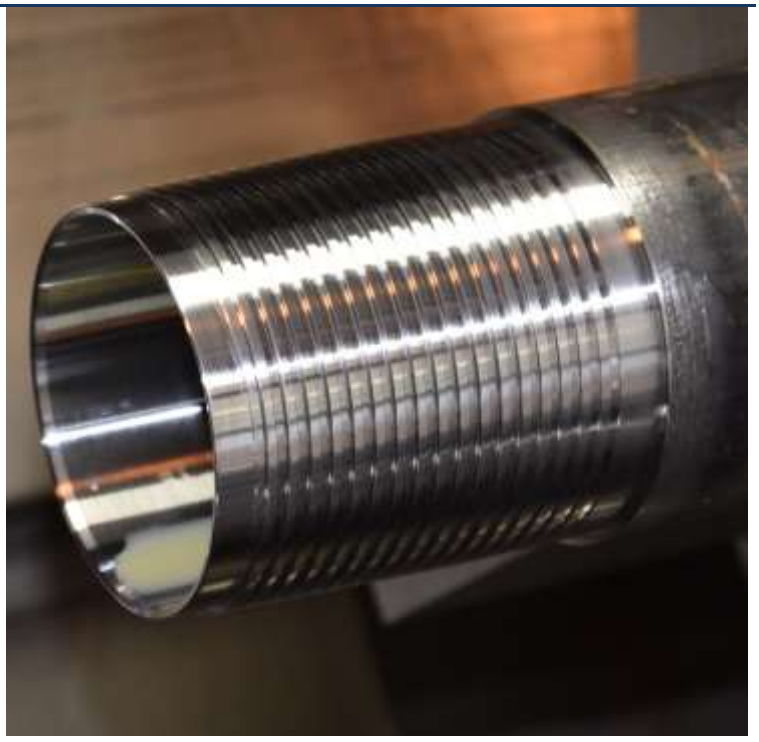
Maxium Yield Torque: 8,400

Makeup Loss (in): 4.270

Maximum Setting Depth (ft): 14,100

Safety Factor: 1.6

- *Optimized tensile-compression-ratio connection with a modified square thread profile for efficient load transmission.*
- *High torque, gas-tight flush joint connection.*
- *Steep taper combined with course thread to reduce turns to shoulder & improve make-up time.*
- *Cylindrical run-in and run-out threads for maximum connection strength.*
- *Tapered internal & external shoulders strengthening the connection during over-torque or compression situations.*



Disclaimer:
LFS is a registered trademark to LFS Technologies Inc. The content of this Technical Data Sheet is for general information only and does not guarantee performance or imply fitness for a particular purpose. This material should not, therefore, be used or relied upon for any specific application without independent competent professional examination and verification of its accuracy, suitability and applicability. Anyone making use of the material does so at their own risk and assumes any and all liability resulting from such use.

HyFORM™ Packer

SIMPLE HYDRAULIC ACTIVATION.

VERTICE OIL TOOLS

Patented Technology

FEATURES AND BENEFITS

- Hydraulic Packer Setting
- No Mechanical Manipulation Required
- Slim OD
- High Integrity Sealing

440 Series

CASING SIZE	4”
WEIGHT RANGE (LBM/FT)	11.6
MAX OD (IN)	4.4
MIN ID (IN)	3.384
Length (IN)	25 (approx.)
TENSILE RATING (lbs)	210,000
TORQUE RATING (ft-lbs)	7,500
PRESSURE DIFF (psi) Packer	10,000
PRESSURE DIFF (psi) Tool Body	10,000
Packing Element Material	HNBR
TEMP RATING (F)	300
Element Length (IN)	5

OVERVIEW

The HyFORM™ Isolation Packer is designed to be used as a standalone packer or in conjunction with the V-RELEASE™ Refrac Liner. It is capable of drifting restrictions inside 5 1/2” casing and sealing effectively in sub-optimal casing ovality if necessary.

This allows the operator to isolate trouble zones, protect the cement job, and provides a high integrity seal between the parent casing and the liner. The design is compact, versatile, and easily made up to your casing string.

OPERATION

The packer setting pressure is determined pre-job according to the well design. The HyFORM™ Packer is run in hole to the desired depth and the liner string is pressured up to the pre-determined pressure setting value. The packer instantly seals and isolates the annulus without any mechanical manipulation.

Copyright © 2020 Vertice Oil Tools. All Rights Reserved. CONFIDENTIAL

Released to Imaging: 9/3/2021 9:41:08 AM

FRANKLIN MOUNTAIN ENERGY

Carnival West Pad -- Remediation Procedure
See table for specific depths.

1. Rig up WO rig, casing tongs, lay-down machine, and other ancillary equipment.
2. RIH with 4.0” 11.6 ppf RY-P110 LFS FJ-HT casing to TMD.
3. Land casing with approximately 65,000 pounds of tension in string.
4. Install hanger and lockdown pins. Pressure test wellhead up to 11,000 psi.
5. Pump sufficient cement to bring calculated top up to KOP. Exact volumes TBD.
6. Pressure up to burst pressure (approximately 5,600 psi) to activate Vertice sealing packer.
7. Allow cement to cure for minimum of 24 hours. Run CBL to determine TOC. Pressure test casing string to 70 percent of internal yield pressure.
8. RIH with coil tubing and perforating assembly. Perforate 30 holes through two strings. Establish injection.

Well	API 14	Kick-Off Point (KOP)	TMD (ft)
County Fair Fed Com 701H	30250474930000	11,617	21,841
County Fair Fed Com 602H	30025474920000	11,332	21,808
Blue Ribbon Fed Com 702H	30025476620000	11,521	21,895

Released to Imaging: 9/3/2021 9:41:08 AM

Product Specification Sheet

BENTELER makes it happen

P110 RY 4" OD 11.6 lbs/ft 0.286" WT

Pipe	Product Type	Grade	Diameter (in)	Weight (lb/ft)	Wall Thickness (in)
			Nominal	Plain-End (PE)	Nominal
	Tubing	P110 RY	4	11.35	0.286

Performance Data	Finish Type	Yield Strength (psi)		Tensile Strength (psi)	
		Minimum	Maximum	Minimum	Maximum
	Plain End (PE)	110000	125000	125000	No Max

Elongation (%)	Hydro Pressure (psi)	Drift Size (in)	Collapse Rating (psi)	Pipe Burst Pressure (psi)
Minimum	Minimum	Minimum	Minimum	Minimum
13	10000	3.303	13158	13760

Pipe Body Yield (lbs)	Joint Strength (lbs)	Make Up Loss (in)	Make-Up Torque (ft-lbs)
Minimum	Calculated	Minimum	Optimal
366885	N/A	N/A	N/A

Legal Notice: All material contained in this publication is for informational purposes only. This material should not therefore be relied upon for any application without independent competent professional examination and verification of accuracy. Anyone using this material does so at their own risk and assumes any and all liability resulting from such use. BENTELER disclaims any and all expressed or implied warranties of fitness for any general or particular application.

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

CONDITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 31628
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/3/2021