	o Appropriate D	istrict 1	172	State of Nev	v Mexico			Fo	orm C-163 1	
Office District I – (575)	303_6161		Energy,	Minerals and	Natural Resou	rces		Revised A	ugust 1, 2011	
1625 N. French		88240	03 7				WELL API NO.		1	
District II - (575	748-1283		OII C	ONSERVAT	YON DIVISION	1121	30-025-47483			
811 S. First St., Artesia, Nivi 66210					NSERVATION DIVISION			5. Indicate Type of Lease		
	trict III – (505) 334-6178 1220 South St. Francis Dr. 0 Rio Brazos Rd., Aztec, NM 87410					1	STATE S FEE			
District IV - (50	5) 476-3460			Santa Fe, N	M 8/505		6. State Oil & C	Gas Lease No.		
1220 S. St. Fran	cis Dr., Santa Fe,	, NM								
87505	CLIMIDE	V NOTICE	C AND DE	PORTS ON W	EIIC		7. Lease Name	or Unit Agreem	nent Name	
(DO NOT USE DIFFERENT RI	THIS FORM FO	R PROPOSA	LS TO DRILL		OR PLUG BACK TO		Hereford 29/20			
PROPOSALS.)							8. Well Number 1H			
1. Type of Well: Oil Well Gas Well Other 2. Name of Operator							9. OGRID Number 14744			
Mewbourne										
3. Address of Operator							10. Pool name			
PO Box 5270		88240					Scharb; Wolfcan	mp, SE (33630)		
4. Well Loca		_	205 fo	at from the S	lauth lina a	nd 990	feet from the	West	line	
1	LetterM_	:_ 29		et from theS Fownship 1	9S Range	35E	leet from the NMPM		ty Lea	
Sect	ion				er DR, RKB, RT,		141411 141	Coun	ty Bou	
			11. Elevation 2945' GL	n (Show whethe	er DR, KKD, K1,	OK, etc.)	8 3			
描述。 1 - 3 - 2 - 2 - 10			27.0 02							
	12 (Check An	nronriate l	Box to Indica	ate Nature of	Notice, F	Report or Othe	r Data		
		-			V.					
	–		ENTION '				EQUENT R			
PERFORM F	EMEDIAL W		PLUG AND			AL WORK		ALTERING (CASING [
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PULL OR AL	TER CASING	_	MULTIPLE (COMPL	J CASING	CEMENT	JOB 📙			
DOWNHOLE	COMMINGL	E 🗆								
OTUED					OTUED:				П	
OTHER:	boromonadi	or complet	ed operation	os (Clearly sta	OTHER:	etails and	oive pertinent de	ates including	estimated date	
13. Desc	ribe proposed	or complet	ed operation	ns. (Clearly star	te all pertinent d	etails, and	give pertinent da	ates, including of wellbore diagr	estimated date	
13. Description of sta	rting any proj	posed work). SEE RUI	ns. (Clearly stat LE 19.15.7.14 h	te all pertinent d	etails, and ltiple Com	give pertinent da pletions: Attach	ntes, including of wellbore diagr	estimated date ram of	
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U. S. Steel Tubular Products 7.625" 39.00lbs/ft (0.500" Wall) P110 HC USS-LIBERTY FJM®



1/21/2020 11:41:25 AM

MECHANICAL PROPERTIES	Pipe	USS-LIBERTY FJM [®]	
Minimum Yield Strength	110,000		psi
Maximum Yield Strength	140,000		psi
Minimum Tensile Strength	125,000		psi
DIMENSIONS	Pipe	USS-LIBERTY FJM [®]	
Outside Diameter	7.625	7.625	in.
Wall Thickness	0.500		in.
Inside Diameter	6.625	6.539	in.
Standard Drift	6.500	6.500	in.
Alternate Drift			in.
Nominal Linear Weight, T&C	39.00		lbs/ft
Plain End Weight	38.08		lbs/ft
SECTION AREA	Pipe	USS-LIBERTY FJM [®]	
Critical Area	11.192	6.665	sq. in.
Joint Efficiency		59.5	%
PERFORMANCE	Pipe	USS-LIBERTY FJM [®]	
Minimum Collapse Pressure	12,180	12,180	psi
Minimum Internal Yield Pressure	12,640	12,640	psi
Minimum Pipe Body Yield Strength	1,231,000		lbs
Joint Strength		733,000	lbs
Compression Rating		733,000	lbs
Reference Length		12,843	ft
Maximum Uniaxial Bend Rating		39.4	deg/100 ft
MAKE-UP DATA	Pipe	USS-LIBERTY FJM [®]	
Make-Up Loss		4.75	in.
Minimum Make-Up Torque		14,700	ft-lbs
Maximum Make-Up Torque		20,750	ft-lbs

- 1. Other than proprietary collapse and connection values, performance properties have been calculated using standard equations defined by API 5C3 and do not incorporate any additional design or safety factors. Calculations assume nominal pipe OD, nominal wall thickness and Specified Minimum Yield Strength (SMYS).
- 2. Compressive & Tensile Connection Efficiencies are calculated by dividing the connection critical area by the pipe body area.
- 3. Uniaxial bending rating shown is structural only, and equal to compression efficiency.
- 4. USS-LIBERTY FJM™ connections are optimized for each combination of OD and wall thickness and cannot be interchanged.
- 5. Torques have been calculated assuming a thread compound friction factor of 1.0 and are recommended only. Field make-up torques may require adjustment based on actual field conditions (e.g. make-up speed, temperature, thread compound, etc.).
- 6. Reference length is calculated by joint strength divided by nominal plain end weight with 1.5 safety factor.
- 7. Connection external pressure leak resistance has been verified to 100% API pipe body collapse pressure following the guidelines of API 5C5 Cal III.

Legal Notice

USS-LIBERTY FJM[®] is a trademark of U. S. Steel Corporation. All material contained in this publication is for general information only. This material should not therefore be used or relied upon for any specific application without independent competent professional examination and verification of accuracy, suitability and applicability. Anyone making use of this material does so at their own risk and assumes any and all liability resulting from such use. U.S. Steel disclaims any and all expressed or implied warranties of fitness for any general or particular application.

> U. S. Steel Tubular Products 460 Wildwood Forest Drive, Suite 300S Spring, Texas 77380

1-877-893-9461 connections@uss.com www.usstubular.com

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1000 Rio Brazos Rd., Aztec, NM 87410

Phone:(505) 334-6178 Fax:(505) 334-6170 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

Action 22252

CONDITIONS OF APPROVAL

Operator:			OGRID:		Action Type:
MEWBOURNE OIL CO	P.O. Box 5270	Hobbs, NM88241	14744	22252	C-103A

OCD Reviewer	Condition
pkautz	None