Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

HOBBS OCD

SUBMIT IN TRIPLICATE - Other instructions on page 2

AUG 06 2018

RECEIVED

Carlsbad Field Office
OCD Hobbs

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Serial No. NMNM120907
	6. If Indian, Allottee or Tribe Name
	7. If Unit or CA/Agreement, Name and/or No.
	8. Well Name and No. EIDER FEDERAL 204H
2. Name of Operator COG PRODUCTION LLC Contact: MAYTE X REYES E-Mail: mreyes1@concho.com	9. API Well No. 30-025-44636-00-X1
3a. Address 2208 W MAIN STREET ARTESIA, NM 88210 3b. Phone No. (include area code) Ph: 575-748-6945	10. Field and Pool or Exploratory Area WC025G06S223421L-BONE SPRING
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)* Sec 35 T24S R32E SESW 210FSL 2060FWL 32.167400 N Lat, 103.647331 W Lon	11. County or Parish, State LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original APD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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.

COG Production LLC, respectfully requests approval for the following changes to the originally approved APD.

Operator requests to make the following changes to the approved APD

Production ? Requesting change to cement on production
Drill 8 ?? hole to 16,872?
Set 5 ?? 17# RY P-110 CDC HTQ casing @ 16,872?
Cemented in one stage with
Lead: 800 sx of 10.3 ppg Halliburton Tuned Light (3.545 cuft/sx, 21.63 gal/sx)
Tail: 1700 sx of 13.2 ppg Halliburton NeoCem (1.468 cuft/sx, 7.47 gal/sx)

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

Electronic Submission #426162 verified by the BLM Well Information System
For COG PRODUCTION LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 07/10/2018 (18PP1403SE)

Name *(Printed/Typed)* MAYTE X REYES — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 07/02/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — ZOTA STEVENS / Title PETROLEUM ENGINEER — Date 07/30/2018

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 Hobbs

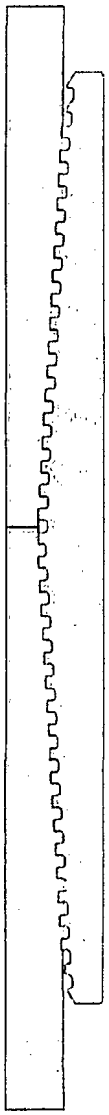
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

U. S. Steel Tubular Products

5 1/2 17.00 lb (0.304) P110 RY CC* USS-CDC HTQ™



	PIPE	CONNECTION	
MECHANICAL PROPERTIES			
Minimum Yield Strength	**110,000**		*psi*
Maximum Yield Strength	**125,000**		*psi*
Minimum Tensile Strength	**125,000**		*psi*
DIMENSIONS			
Outside Diameter	**5.500**	6.300	*in.*
Wall Thickness	0.304		*in.*
Inside Diameter	4.892	4.892	*in.*
Drift - API	4.767	4.767	*in.*
Nominal Linear Weight, T&C	**17.00**		*lbs/ft*
Plain End Weight	16.89		*lbs/ft*
SECTION AREA			
Cross Sectional Area | Critical Area	4.962	4.962	*sq. in.*
Joint Efficiency		100.0	%
PERFORMANCE			
Minimum Collapse Pressure	8,730	8,730	*psi*
External Pressure Leak Resistance		6,980	*psi*
Minimum Internal Yield Pressure	10,640	10,640	*psi*
Minimum Pipe Body Yield Strength	546,000		*lbs*
Joint Strength		568,000	*lbs*
Compression Rating		341,000	*lbs*
Reference Length		22,275	*ft*
Maximum Uniaxial Bend Rating		57.3	*deg/100 ft*
MAKE-UP DATA			
Make-Up Loss		4.63	*in.*
Minimum Make-Up Torque		10,000	*ft-lbs*
Maximum Make-Up Torque		14,000	*ft-lbs*
Connection Yield Torque		17,400	*ft-lbs*
* Verification of connection shoulder required. Typical shoulder range		5,000 - 7,500	*ft-lbs*

Notes:

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) Uniaxial bending rating shown is structural only, and equal to compression efficiency.
3) 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.)
4) Reference length is calculated by joint strength divided by nominal T&C weight with 1.5 safety factor
5) Connection external pressure resistance has been verified to 80% API pipe body collapse pressure (API 5C5 Cal III testing protocol)

USS Product Data Sheet 2017 rev26 (Sept)

U. S. Steel Tubular Products 1-877-893-9461
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