

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office  
OCD Hobbs

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.*

5. Lease Serial No.  
NMNM14164

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

**HOBBS OGD**  
**APR 11 2019**

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well  
 Oil Well  Gas Well  Other

8. Well Name and No.  
FASCINATOR FED COM 603H

2. Name of Operator  
COG OPERATING LLC  
Contact: MAYTE REYES  
E-Mail: mreyes1@concho.com

9. API Well No.  
30-025-45109

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  
WC-025 G-09 S243532M;W.B.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 30 T24S R35E NWNW 210FNL 950FWL

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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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 Operating LLC, respectfully requests approval for the following changes to the original APD.

As a follow up to verbal approval, the Operator respectfully requests the following changes to the originally approved APD due to changes in encountered wellbore conditions.

While drilling from beneath our intermediate casing set at 11,825' and building the 8.5' curve a weak zone at 11,967' MD/11975' TVD was encountered that resulted in the losses of our 11.8 ppg Oil Based Mud.

Our plan forward is to continue drilling the curve with manageable losses to a point past the loss zone to at least 100' into the 3rd Bone Spring. Estimated total depth of this open hole section for the liner is 12,270' MD 12,237' TVD.

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #456821 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/05/2019 ( )

Name (Printed/Typed) GENESIS PEREZ VASQUEZ Title REGULATORY TECHNICIAN

Signature (Electronic Submission) Date 03/05/2019

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By Mustafa Hague Title Petroleum Engineer Date 03-14-2019  
Carlsbad Field Office  
Office

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)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

*KZ*

**Additional data for EC transaction #456821 that would not fit on the form**

**32. Additional remarks, continued**

We will then run a 7.625? 29.7# HCL-80 liner to approximately 12,270? with top of liner at approximately 11,525? MD (300? overlap inside 9-5/8? casing).

We will drill out of the 7.625? line with 6.75? Bit and tools to finish the curve to our End of Curve Target, then resume drilling the lateral with 6-3/4? bit(s) to TD.

At TD we will run a combination production string of 5.5? 23# P-110 CDC HTQ from surface inside 9.625? intermediate to approximately 11,400?, then cross over to 5.5? 23# P110 CY TMK UP Ultra SF (spec sheet attached) to TD (approximately 22,545?).

Intermediate ? No Change set at 11,825?.

**Liner**

10M BOP System (5M Annular variance approved with original APD)

Drill 8.5? hole to 12,270?

Set 7.625? 29.7# HCL-80 BTC @ 12,270?. Top of Liner at 11,525?

Cement in one stage to top of liner.

First Stage:

Lead: 37.5 bbl 10.5 ppg Tune Spacer III

Tail: 55 sx of Halliburton NeoCem (12.4 ppg/1.725 cuft/sx)

**Production**

10M BOP System (5M Annular variance approved with original APD)

Drill 6.75? hole to 22,545?

Set 5.5? 23# P110 CDC HTQ from 0 to 11,400?, then 5.5? 23# P110 CY TMK UP Ultra SF (spec sheet attached) from 11,400? to 22,545?

Cement in one stage to surface

Lead: 1500 sx of 35:36:6 Class C (12.7 ppg / 1.98 cuft/ sx)

Tail: 900 sx of 50:50:2 Class H Blend ( 14.4 ppg / 1.25 cuft/sx)

# PERFORMANCE DATA

**TMK UP ULTRA™ SF**  
**Technical Data Sheet**

**5.500 in**

**23.00 lbs/ft**

**P110 CY**

## Tubular Parameters

Size	5.500	in	Minimum Yield	110,000	psi
Nominal Weight	23.00	lbs/ft	Minimum Tensile	125,000	psi
Grade	P110 CY		Yield Load	729,000	lbs
PE Weight	22.54	lbs/ft	Tensile Load	828,000	lbs
Wall Thickness	0.415	in	Min. Internal Yield Pressure	14,530	psi
Nominal ID	4.670	in	Collapse Pressure	14,540	psi
Drift Diameter	4.545	in			
Nom. Pipe Body Area	6.630	in <sup>2</sup>			

## Connection Parameters

Connection OD	5.696	in
Connection ID	4.626	in
Make-Up Loss	5.441	in
Critical Section Area	6.110	in <sup>2</sup>
Tension Efficiency	91.9	%
Compression Efficiency	91.9	%
Yield Load In Tension	670,000	lbs
Min. Internal Yield Pressure	14,530	psi
Collapse Pressure	14,540	psi
Uniaxial Bending	84	°/ 100 ft

## Make-Up Torques

Min. Make-Up Torque	12,800	ft-lbs
Opt. Make-Up Torque	14,100	ft-lbs
Max. Make-Up Torque	15,500	ft-lbs
Operating Torque	16,405	ft-lbs
Yield Torque	19,300	ft-lbs



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### NOTE:

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