Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

Expires: Ju	l
Lease Serial No.	
NIMANIMA A 4070	

NMNM114979

Do not use this form for proposals to drill or to re-inter an abandance with Use from 3180-3 (APD) for such proposals. SUBMIT IN TRIPLICATE - Other Instructions on reverse side. 7. If Usin or CA/Agreciment, Nation addier No. 1. Type of Wall 1. Commerch Wall 1. Type of Wall 1. Commerch Wall 2. Commerch Wall 3. Addies ANN STREET AND Flower No. (include size code) 3. Addies ANN STREET AND Flower No. (include size code) 3. Addies ANN STREET AND Flower No. (include size code) 4. Location of Wall 5. Exploration of Proceedings of the Street	SUNDRY	NMNM	NMNM114979 6. If Indian, Allottee or Tribe Name							
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Name of Operator well Under CORRIGHE MAYTE REYES 9. AFI Melt No 30-015-41529-00-X1	Type of Well									
COC PRODUCTION LLC 30-BTA-1529-00-XT 39-Pilose No. (include area code) Ph: 575.748.6940 P			CANVASBACK 13 FEDERAL 3H							
2208 W MAIN STREET ARTESIA, M 88210 4. Location of Well (Foungs, Sec. 7, R, M. or Survey Description) 11. County or Parish, and State EDDY COUNTY, NM 22.23978 N Lat. 103.727259 W Lon 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 13. Describe of Intent Acidize	2. Name of Operator COG PRODUCTION LLC	Contact: MAY	TE REYES							
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12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION Acidize	4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)		11. County	or Parish, and State	2				
TYPE OF SUBMISSION Acidize				EDDY	COUNTY, NM					
Notice of Intent Acidize Deepen Production (Start/Resume) Water Shut-Off	12. CHECK APPI	ROPRIATE BOX(ES) TO IND	ICATE NATURE OF	NOTICE, REPORT, OF	R OTHER DAT	`A				
Subsequent Report Casing Repair New Construction Recomplete Change to Original A	TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTION								
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Convert to Injection Plug Back Water Disposal	☐ Subsequent Report	☐ Casing Repair	■ New Construction	☐ Recomplete	2 0	ther				
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 BLM91A. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleted in an entire of the operation and determined that the air is a ready for final inspection.) COG Production LLC, respectfully request approval for the following changes to the original APD. We will pump a 2 stage job to ensure good cmt 500° into the 9-5/8" csg shoe. 9-5/8" cst @ 4513' 7-7/8" hole to -12,900° MD. SEE ATTACHED FOR CONDITIONS OF APPROVAL Lead: 325 sx 65:35:6 EconoCem HLH Blend (12.7 ppg -2 ct/sk) Tail: 1100 sx 50:50:2 H + 1% Salt + 0.4% GasStop + 0.3% CFR-3 + HR-601 (14.4 ppg - 1.24 ct/sk) Accepted for record 14. I hereby certify that the foregoing is true and correct. Electronic Submission #218876 verified by the BLM Well Information System For COG PRODUCTION ILC, sent to the Carlebad Committed to ARMS for processing by CHRIST OPHER WALLS on 09/04/2013 (13CRW0138SE) Title REGULATORY ANALYST Title REGULATORY ANALYST Date 09/04/2013 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Title PETROLEUM ENGINEER Date 09/04/2013 Title PETROLEUM ENGINEER Date 09/04/2013 Title PETROLEUM Engineer or agency of the United	☐ Final Abandonment Notice	☐ Change Plans	-		on PD	ige to Original A				
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 shall be filed ontine store following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandoment Notices shall 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 request approval for the following changes to the original APD. We will pump a 2 stage job to ensure good cmt 500' into the 9-5/8" csg shoe. 9-5/8" set @4513'. 7-7/8" hole to ~12,900' MD. SEE ATTACHED FOR CONDITIONS OF APPROVAL Lead: \$25 sx 65:35:6 EconoCem HLH Blend (12.7 ppg - 2 cf/sk) Tail: 1100 sx 50:50:2 H + 1% Salt + 0.4% GasStop + 0.3% CFR-3 + HR-601 (14.4 ppg - 1.24 cf/sk) Accepted for record 14. Thereby certify that the foregoing is true and correct. Electronic Submission #218876 verified by the BLM Well Information System For COG PRODUCTION LC, sent to the Carlsbad Committed to AFMSS for processing by CHRISTOPHER WALLS on 90/904/2013 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Title PETROLEUM ENGINEER Date 09/04/2013 Title PETROLEUM ENGINEER Date 09/04/2013 TitlePETROLEUM ENGINEER Date 09/04/2013 TitlePETROLEUM Engineer or agency of the United		☐ Convert to Injection	☐ Plug Back	■ Water Disposal						
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Additional data for EC transaction #218876 that would not fit on the form

32. Additional remarks, continued

DVT set ~5700' 2nd Stage Lead: 525 sx 50:50:10 Interfill C Blend (11.9 ppg - 2.51 cf/sk) Tail: 300 sx Class C neat (14.8 ppg - 1.34 cf/sk)

BHST @ 8410' is 148 degree F. BHST @ 5700' is 116 degree F.

Conditions of Approval

- 1. The minimum required fill of cement behind the 5-1/2 inch production casing is:
 - a. First stage to DV tool:
 - Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage
 - b. Second stage above DV tool:
 - Cement should tie-back at least 500 feet into previous casing string. Operator shall provide method of verification.