

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

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.
NMNM18613A

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
WOODY'S HOPE FEDERAL COM 1

2. Name of Operator
COG OPERATING LLC

Contact: BRIAN MAIORINO
E-Mail: bmaiorino@concho.com

9. API Well No.
30-015-35495

3a. Address
ONE CONCHO CENTER 600 W ILLINOIS AVE
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-221-0467

10. Field and Pool, or Exploratory
BLACK RIVER;ATOKA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 24 T24S R27E NENE 660FNL 660FEL

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK 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"/> Fracture Treat	<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 checked="" type="checkbox"/> Recomplete	<input 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 shall 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 shall be filed once testing has been completed. Final Abandonment 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 Operating LLC respectfully request to abandon the Morrow and complete in the Atoka in the Woody's Hope Federal Com #1.

MIRU
Kill well if necessary.
Remove wellhead & install BOP.
Pull tubing and visually inspect. If necessary, utilize workstring
Make a bit and scraper run
Set CIBP @ 12340?
TIH open ended to 12340?
Spot Class H cement plug mixed at 16.4 lbs/gal from 12340 ? 12240. (Note: Bottom Atoka perf @ 12199?)

RECEIVED

AUG 16 2013

NMOCD ARTESIA

**SUBJECT TO LIKE
APPROVAL BY STATE**

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

Accepted for record
NMOCD

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

Electronic Submission #214625 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 07/24/2013 ()

Name (Printed/Typed) BRIAN MAIORINO

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 07/23/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

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

APPROVED
AUG 16 2013
Jennifer J. Wilson
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD 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.

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

8/16/13

Additional data for EC transaction #214625 that would not fit on the form

32. Additional remarks, continued

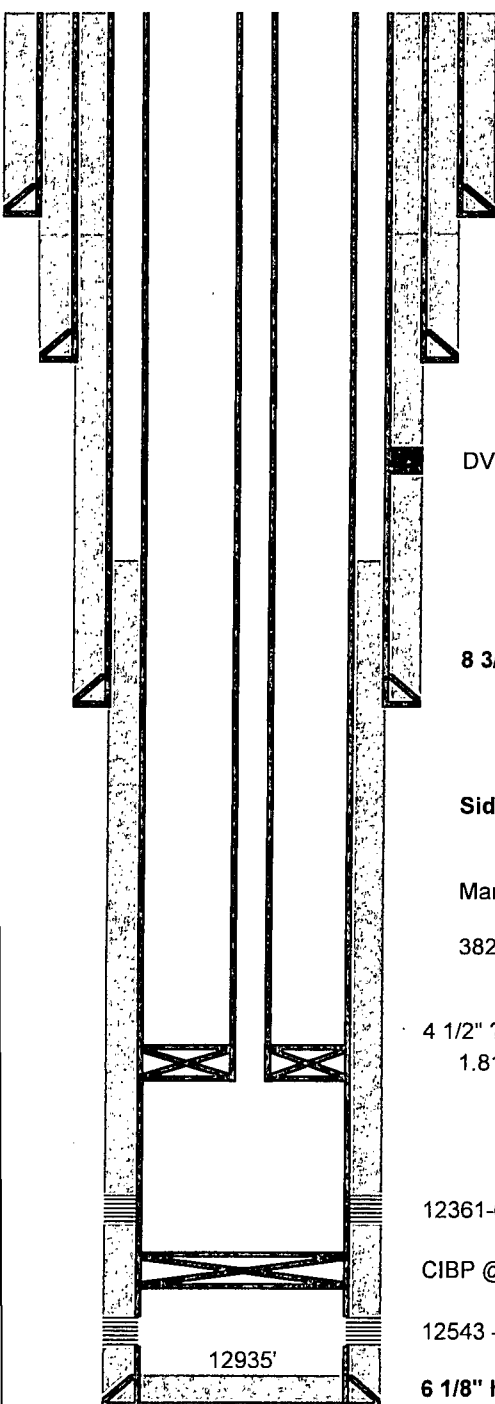
Pull above plug & circulate hole clean
Perforate Atoka @ 12176-99, 12089-99, 12036-40, 11776-94, 11740-54 & 11658-74 w/4 spf, 120o phasing
utilizing Halliburton openhole sidetrack log dated 12/30/07.
TIH w/tubing & packer. Packer to include on/off & profile nipple.
Spot acid across perms. Set packer at 11600?
Acidize zone with 10000 gallons 15% NE HCl at 3 ? 5 BPM. Drop 150 balls throughout the job. Have
500 psi on backside during job.
Shut-in 1 hour & flow back
Swab well if necessary.
Set plug in packer.
Get off packer
Circulate packer fluid
Latch back onto on/off tool.
Pressure test the tubing
Tree up wellhead
Pull blanking plug
Place well on test

Operations will be conducted using a closed loop system

Please see attached current and proposed well bore diagrams.

Author:	Stroup	
Well Name	Woody's Hope Fed	Well No. #1
Field	Morrow, South	API #: 30-015-35495
County	Eddy	Prop #:
State	New Mexico	Zone: Morrow
Date	7/15/2013	
GL	3105'	
KB	3122'	

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13 3/8	H40	48	378	759	Surface
Inter Csg	9 5/8	J55	36	2,300	925	Surface
Inter Csg	7	P110 & N80	23	9,764	1,610	Surface
Prod Csg	4 1/2	HCP110	11.60	13,010	300	8900



Current WellBore

17 1/2" hole

13 3/8" (H40 - 48#) @ 378' w/759 sx
TOC @ surface

2-3/8" L80 Tbg - ?? jts

12 1/4" hole

9-5/8" (J55 - 36#) @ 2300' w/925 sx
TOC @ surface

DV Tool @ 6004' w/1060 sx

TOC @ 8900' TS

8 3/4" hole

7" (N80 & P110 - 23#) @ 9764' w/550 sx
TOC @ surface

Side Track @ 10772'

Marker Jts @ 12261 & 12793

382 jts L80 2 3/8" Tubing

4 1/2" ??? Packer @ 12299'
1.81" Profile Below Packer

Morrow - 12,356'

12361-63, 12376-88 & 12396-400

CIBP @ 12525' w/cmt

12543 - 48

12935'

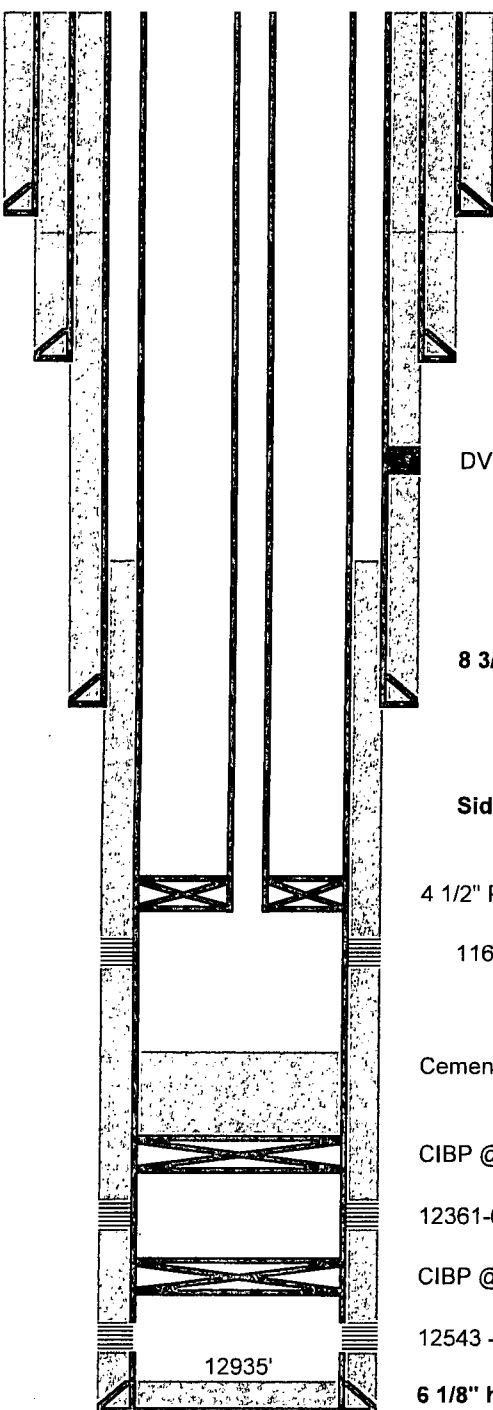
6 1/8" hole

4-1/2" (HCP110 -11.6#) @ 13010' w/300 sx
TOC @ 8900

TD @ 13010'

Author:	Stroup		
Well Name	Woody's Hope Fed	Well No.	#1
Field	Morrow, South	API #:	30-015-35495
County	Eddy	Prop #:	
State	New Mexico	Zone:	Atoka
Date	7/15/2013		
GL	3105'		
KB	3122'		

Description	O.D.	Grade	Weight	Depth	Cmt Sx	TOC
Surface Csg	13 3/8	H40	48	378	759	Surface
Inter Csg	9 5/8	J55	36	2,300	925	Surface
Inter Csg	7	P110 & N80	23	9,764	1,610	Surface
Prod Csg	4 1/2	HCP110	11.60	13,010	300	8900



Proposed WellBore

17 1/2" hole

13 3/8" (H40 - 48#) @ 378' w/759 sx
TOC @ surface

2-3/8" L80 Tbg - ?? jts

12 1/4" hole

9-5/8" (J55 - 36#) @ 2300' w/925 sx
TOC @ surface

DV Tool @ 6004' w/1060 sx

TOC @ 8900' TS

8 3/4" hole

7" (N80 & P110 - 23#) @ 9764' w/550 sx
TOC @ surface

Side Track @ 10772'

4 1/2" Packer @ 11600'

11658-74, 11740-54, 11776-94, 12036-40, 12089-99, 12176-99
Atoka

Cement Plug 12240' - 12340'

Marker Jts @ 12261 & 12793

CIBP @ 12340' *Top Morrow 12,356'*

12361-63, 12376-88 & 12396-400
Morrow

CIBP @ 12525' w/cmt

12543 - 48

12935'

6 1/8" hole

4-1/2" (HCP110 -11.6#) @ 13010' w/300 sx
TOC @ 8900

TD @ 13010'

Woody's Hope Federal Com 1
30-015-35495
COG Operating LLC
August 16, 2013
Conditions of Approval

Work to be completed by November 16, 2013.

- 1. Operator shall cement as proposed. Tag required.**
- 2. Must conduct a casing integrity test before perforating and fracturing. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Notify BLM if test fails.**
3. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
4. Surface disturbance beyond the originally approved pad must have prior approval.
5. Closed loop system required.
6. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.
7. Operator to have H2S monitoring equipment on location.
8. A minimum of a 3000 (3M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (3M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
- 9. Subsequent sundry required detailing work done and completion report for the new formation. Operator to include new well plat and well bore schematic of current well condition when work is complete.**

JAM 081613