

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well Oil Well Gas Well Other

2. Name of Operator **COG Operating LLC**

3a. Address **One Concho Center, 600 W. Illinois Ave, Midland, TX 79701**

3b. Phone No. (include area code) **432-685-4385**

5. Lease Serial No.
NMLC-029020M

6. If Indian, Allottee or Tribe Name
N/A

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

8. Well Name and No.
Carmen 3 Federal Com #15H

9. API Well No.
30-015-40539

10. Field and Pool, or Exploratory Area
Loco Hills; Glorieta-Yeso

11. County or Parish, State
Eddy, NM

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

SHL 330' FNL & 330' FEL Sec.3, T17S, R30E, Lot 1
BHL 330' FNL & 330' FWL Sec.3, T17S, R30E, Lot 4

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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other Change To Original
			APD

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 shall 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 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.)

We stuck production casing and have been unable to recover all of it. The top of the casing is at 5280', and the bottom is at 6764' (see attached diagram). We propose to run 5 1/2" casing, latch the Fish, and cement through a DV at 5275' back to surface with 400sxs of Class C w/4% gel, followed by 900sxs of the 50:50:2 regular tail cement, followed by 800sxs of Class C kickoff plug cement. We would then release the drilling rig and move in a completion unit. We will drill out the DV tool and the sleeves in the 5 1/2" casing below the DV and clean out to TD at 10,200'. We would then run 4", 11.6ppf, L80 ULTFJ from TD to surface. We will then cement from TD to a DV at 5100' w/550sxs acid soluble cement. We would open the DV to leave the TOC there by circulating and then closing the DV. We will drill out the DV and then complete the well with perf/frac/plug in stages as usual. We will then remove the 4" above the DV and produce the well up the 5 1/2" casing as usual.

Accepted for record
RECEIVED
APR 08 2013
NMOCD ARTESIA

SEE ATTACHED FOR NMOCD
CONDITIONS OF APPROVAL

APPROVED
APR 4 2013
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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

Name (Printed/Typed) **Robyn M. Odom** Title **Regulatory Analyst**

Signature *Robyn Odom* Date **04/03/2013**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title **PETROLEUM ENGINEER** Date _____

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 _____

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)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL



Fernandez, Edward <efernand@blm.gov>

FW: Carmen Sundry

1 message

Carl Bird <CBird@concho.com>

Thu, Apr 4, 2013 at 9:59 AM

To: "edward_fernandez@blm.gov" <edward_fernandez@blm.gov>

Cc: Robyn Odom <rodom@concho.com>, Jim Evans <JEvans@concho.com>, Marvis Schneider <MSchneider@concho.com>, Stephen Brumley <sbrumley@concho.com>

Ed,

The 5-1/2" is 17 ppf L80 LTC.

The manufacturer of the 4" is Koppel and it was treaded by Ultra Premium Services.

The Yield of the Class C with 4%gel is 1.75 cf/sack.

The yield of the 50:50:2 is 1.34 cf/sack.

The yield of the Class C kick-off cement mixed at 16.8 ppg is 0.99 cf/sack.

The yield of the Acid Soluble Cement (which is based on Class H) is 2.54 cf/sack.

Please let me know if you have any other questions.

Thank You!

Carl Bird
SENM Senior Drilling Engineer

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

From: Robyn Odom
Sent: Thursday, April 04, 2013 10:28 AM
To: Carl Bird
Subject: Carmen Sundry
Importance: High

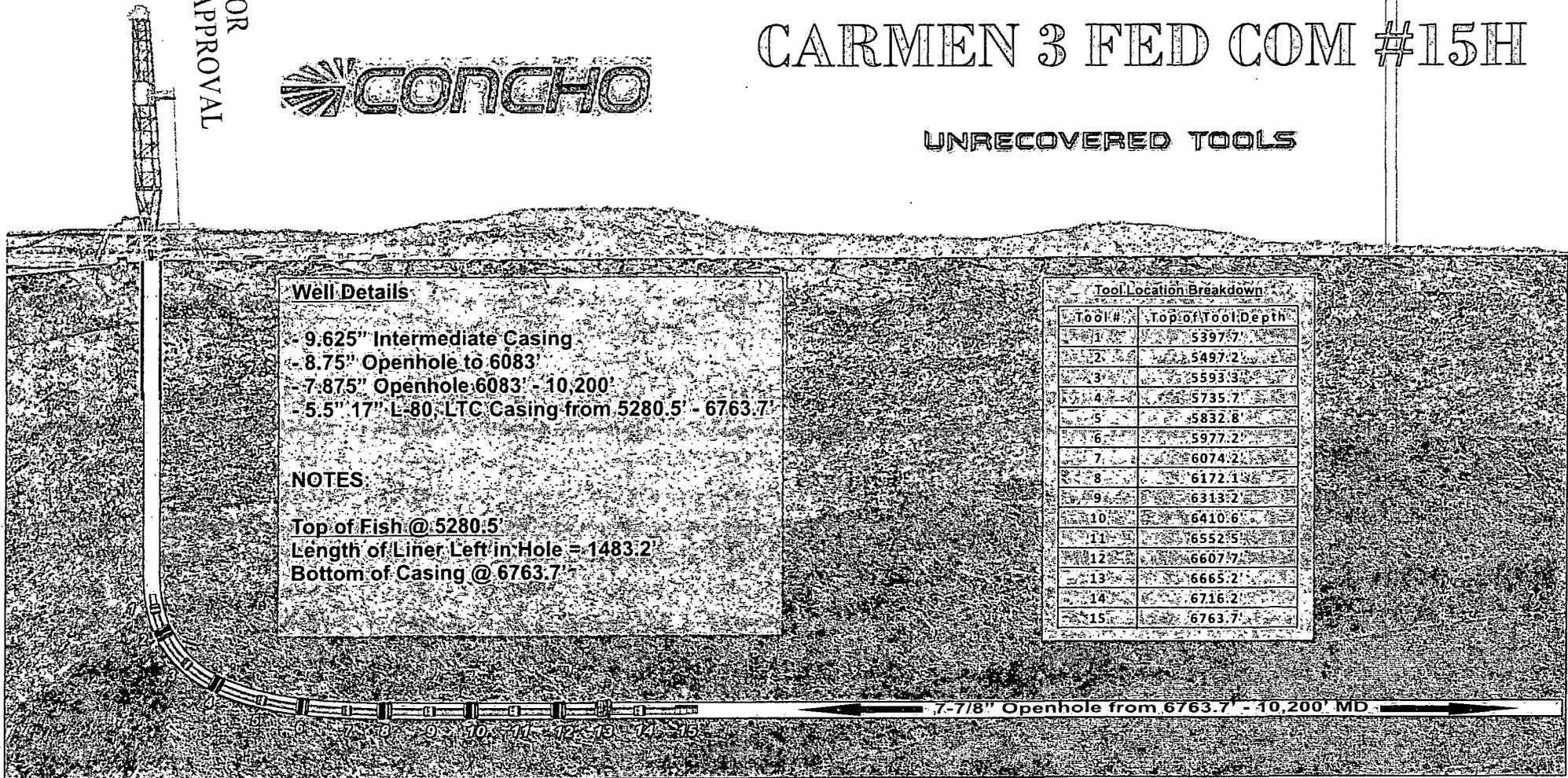
Hey Carl,

SEE ATTACHED FOR
CONDITIONS OF APPROVAL



CARMEN 3 FED COM #15H

UNRECOVERED TOOLS



Well Details

- 9.625" Intermediate Casing
- 8.75" Openhole to 6083'
- 7.875" Openhole 6083' - 10,200'
- 5.5" 17" L-80 LTC Casing from 5280.5' - 6763.7'

NOTES

Top of Fish @ 5280.5'
Length of Liner Left in Hole = 1483.2'
Bottom of Casing @ 6763.7'

Tool Location Breakdown

Tool #	Top of Tool Depth
1	5397.7'
2	5497.2'
3	5593.3'
4	5735.7'
5	5832.8'
6	5977.2'
7	6074.2'
8	6172.1'
9	6313.2'
10	6410.6'
11	6552.5'
12	6607.7'
13	6665.2'
14	6716.2'
15	6763.7'

7-7/8" Openhole from 6763.7' - 10,200' MD

CONDITIONS OF APPROVAL

Sundry dated 4/3/2013

COG Operating LLC
NMLC029020M
Carmen 3 federal Com 15H 30-015-40539
Section 3, T. 17 S., R 30 E., NMPM
Eddy County, New Mexico

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (575) 361-2822

1. **If cement does not circulate to surface off DV tool set at proposed depth of 5275', the appropriate BLM office is to be notified.**
2. **Operator to notify BLM when the existing drilling rig will be removed and state how the well will be secure. -To be documented on Subsequent sundry report.**
3. **Operator to move in a completion unit within 30 days of moving off the existing drilling rig.**
4. **Operator to notify BLM a minimum of 24 hours when returning to drill/run 4" flush joint as a second spud notice**
5. **Operator to conduct BOP/BOPE/ CIT as per original COA prior to drilling out DV Tool at 5275' and the sleeves in the 5-1/2" casing below the DV tool**
6. **After running the 4" ULTFJ and cementing up to DV Tool at 5100' notify BLM if cement does not circulate off the DV tool set at 5100'.**
7. **Surface disturbance beyond the existing pad must have prior approval**
8. **Closed loop system required.**
9. **H2S monitoring equipment should be onsite for personnel protection from surrounding oil operations.**
10. **2000 (2M) 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 (2M 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.**
11. **Subsequent sundry and completion report required when work is complete.**

EGF 040313