



State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone (303)894-2100 Fax (303)894-2109



**RECEIVED**  
OCT 03 2011  
**COGCC**

**SUNDRY NOTICE**

Submit original plus one copy. This form is to be used for general, technical and environmental sundry information. For proposed or completed operations, describe in full on Technical Information Page (Page 2 of this form.) Identify well or other facility by API Number or by OGCC Facility ID. Operator shall send an informational copy of all sundry notices for wells located in High Density Areas to the Local Government Designee (Rule 603b.)

1. OGCC Operator Number: 28700	4. Contact Name: Mark Cornett	Complete the Attachment Checklist OP OGCC
2. Name of Operator: ExxonMobil Oil Corporation	Phone: 281-654-1925	
3. Address: P. O. Box 4358, COPR-MI-205 City: Houston State: Tx Zip 77210-4358	Fax: 281-654-1940	
5. API Number 05-103-11533-00	OGCC Facility ID Number	Survey Plat
6. Well/Facility Name: Piceance Creek Unit	7. Well/Facility Number 296-6B10	Directional Survey
8. Location (Qtr/Qtr, Sec, Twp, Rng, Meridian): NWSE, Sec. 6 T2S, R96W, 6th P.M.		Surface Eqpmt Diagram
9. County: Rio Blanco	10. Field Name: Piceance Creek	Technical Info Page X
11. Federal, Indian or State Lease Number: COD-035679		Other

**General Notice**

**CHANGE OF LOCATION: Attach New Survey Plat** (a change of surface qtr/qtr is substantive and requires a new permit)

Change of Surface Footage from Exterior Section Lines:	FNL/FSL	FEL/FWL
Change of Surface Footage to Exterior Section Lines:		
Change of Bottomhole Footage from Exterior Section Lines:		
Change of Bottomhole Footage to Exterior Section Lines:		

Bottomhole location Qtr/Qtr, Sec, Twp, Rng, Mer \_\_\_\_\_ attach directional survey

Latitude \_\_\_\_\_ Distance to nearest property line \_\_\_\_\_ Distance to nearest bldg, public rd, utility or RR \_\_\_\_\_  
 Longitude \_\_\_\_\_ Distance to nearest lease line \_\_\_\_\_ Is location in a High Density Area (rule 603b)? Yes/No \_\_\_\_\_  
 Ground Elevation \_\_\_\_\_ Distance to nearest well same formation \_\_\_\_\_ Surface owner consultation date: \_\_\_\_\_

**GPS DATA:**  
 Date of Measurement \_\_\_\_\_ PDOP Reading \_\_\_\_\_ Instrument Operator's Name \_\_\_\_\_

**CHANGE SPACING UNIT**

Formation	Formation Code	Spacing order number	Unit Acreage	Unit configuration

**Remove from surface bond**  
Signed surface use agreement attached

**CHANGE OF OPERATOR (prior to drilling):**  
 Effective Date: \_\_\_\_\_  
 Plugging Bond:  Blanket  Individual

**CHANGE WELL NAME** **NUMBER**  
 From: \_\_\_\_\_  
 To: \_\_\_\_\_  
 Effective Date: \_\_\_\_\_

**ABANDONED LOCATION:**  
 Was location ever built?  Yes  No  
 Is site ready for inspection?  Yes  No  
 Date Ready for inspection: \_\_\_\_\_

**NOTICE OF CONTINUED SHUT IN STATUS**  
 Date well shut in or temporarily abandoned: \_\_\_\_\_  
 Has Production Equipment been removed from site?  Yes  No  
 MIT required if shut in longer than two years. Date of last MIT \_\_\_\_\_

**SPUD DATE:** \_\_\_\_\_

**REQUEST FOR CONFIDENTIAL STATUS** (6 mos from date casing set)

**SUBSEQUENT REPORT OF STAGE, SQUEEZE OR REMEDIAL CEMENT WORK** \*submit cbl and cement job summaries

Method used	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom	Date

**RECLAMATION:** Attach technical page describing final reclamation procedures per Rule 1004.  
 Final reclamation will commence on approximately \_\_\_\_\_  Final reclamation is completed and site is ready for inspection.

**Technical Engineering/Environmental Notice**

Notice of Intent  
 Approximate Start Date: 10/10/2011

Report of Work Done  
 Date Work Completed: \_\_\_\_\_

**Details of work must be described in full on Technical Information Page (Page 2 must be submitted.)**

<input type="checkbox"/> Intent to Recomplete (submit form 2)	<input type="checkbox"/> Request to Vent or Flare	<input type="checkbox"/> E&P Waste Disposal
<input type="checkbox"/> Change Drilling Plans	<input type="checkbox"/> Repair Well	<input type="checkbox"/> Beneficial Reuse of E&P Waste
<input type="checkbox"/> Gross Interval Changed?	<input type="checkbox"/> Rule 502 variance requested	<input type="checkbox"/> Status Update/Change of Remediation Plans
<input checked="" type="checkbox"/> Casing/Cementing Program Change	<input type="checkbox"/> Other: _____	for Spills and Releases

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: Mark Cornett Date: 10/03/2011 Email: mark.cornett@exxonmobil.com  
 Print Name: Mark Cornett Title: Sr. Regulatory Specialist

COGCC Approved: [Signature] Title: NWA engineer Date: 10/3/11

CONDITIONS OF APPROVAL, IF ANY:

TECHNICAL INFORMATION PAGE



FOR OGCC USE ONLY

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**COGCC**

1. OGCC Operator Number: 28700 API Number: 05-103-11533-00
2. Name of Operator: ExxonMobil Oil Corporation OGCC Facility ID # 0
3. Well/Facility Name: Piceance Creek Unit Well/Facility Number: 296-6B10
4. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE, Sec. 6, T2S, R96W, 6th P.M.

This form is to be completed whenever a Sundry Notice is submitted requiring detailed report of work to be performed or completed. This form shall be transmitted within 30 days of work completed as a "subsequent" report and must accompany Form 4, page 1.

5. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS**

Operator requests approval of proposed remedial cementing operations for surface casing on PCU 296-6B10 as reviewed with BLM and COGCC on September 14th, 2011 at BLM field office in Meeker, Colorado.

Meeting attendees:

BLM: Betty Lau, Bud Thompson

COGCC: Jay Krabacher

ExxonMobil: Keith McKereghan-Dares, David Stiles, Bruce Harline, Slade Downing

Proposed remedial cementing plan:

1. Perforate 10-3/4" surface casing near Mahogany shale top at +/- 1,300 ft MD / 1,288 ft TVD.
2. Set retainer above perforations.
3. Sting into retainer and establish circulation.
4. Cement well to surface through perforations.
5. Wait on cement, drill out and perform pressure test to 200 psi ( $\pm$  12.2 ppg EMW at perfs).
6. Drill 9-7/8" intermediate hole section.
7. Run 7" intermediate casing with External Casing Packer (ECP) / DV Tool assembly at +/- 3,886' MD.
8. Cement 1st stage, inflate ECP, open DV tool, establish circulation and pump 2nd stage cement job.
9. Drill DV tool and clean out wellbore to PBTD.
10. Test casing to 2,200 psi for 30 minutes.

Note: (1) Electronic and hard copies of surface casing SBT and USIT logs provided to COGCC (Jay Krabacher) on September 14th, 2011  
(2) 10-3/4" surface casing was successfully pressure tested to 1,500 psi on August 8th, 2011.

## Andrews, David

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**From:** Andrews, David  
**Sent:** Tuesday, August 23, 2011 7:24 PM  
**To:** Wills, Emily A  
**Cc:** Holub, Haley; Russell, Jordan J; Zharkeshov, Sanzhar  
**Subject:** RE: INFO: ExxonMobil PCU 296-6B10 Surface Cement Job Summary

Emily,

I assume that you are coordinating with BLM on your forward plan to remediate and provide a full column of cement on the surface casing string (significant gaps were apparent on the log). Please keep me in the loop on your plans. The API Number shown below appears to be incorrect. It should be 103-11533, as shown on the log.

Thanks,

**David D. Andrews, P.E., P.G.**  
Engineering Supervisor - Western Colorado

**State of Colorado**  
**Oil and Gas Conservation Commission**  
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E-mail: [David.Andrews@state.co.us](mailto:David.Andrews@state.co.us)  
Website: <http://www.colorado.gov/cogcc>

**From:** Wills, Emily A [<mailto:emily.a.wills@exxonmobil.com>]  
**Sent:** Thursday, August 18, 2011 5:18 PM  
**To:** Andrews, David  
**Cc:** Holub, Haley; Russell, Jordan J; Zharkeshov, Sanzhar  
**Subject:** INFO: ExxonMobil PCU 296-6B10 Surface Cement Job Summary

David,

Please find the PCU 296-6B10 surface cement job summary below. In addition, I have attached the IBC log performed on the well after cement returns were not observed at surface. The PDF version was too large to send by email, so the log I have attached is in PDS format which is a standard for log data. The viewer can be downloaded from the Schlumberger website.

Please let me know if you have any questions or need any additional information. Thanks!

<b>Surface Cement Job Summary</b>	
<b>Well Name</b>	PCU 296-6B10
<b>API No.</b>	05-103-11532-00
<b>Hole size</b>	14-3/4"
<b>Hole Depth</b>	4407'
<b>Casing Size</b>	10-3/4" 45.5ppf casing
<b>Casing Depth</b>	4386'
<b>Cement Job Summary</b>	

<b>1st Stage</b>	<p>Pump 60 bbl H2O spacer.  Pump 40 bbl of gelled spacer with 0.25 lb/bbl Tuff-Fiber Mix and pump 237 bbls of 12.7 ppg (708 sks, yield: 1.88 cu.ft/sk) LEAD cement with additional LCM additives at 6 BPM.  Mix and pump 72 bbls of 15.8 ppg (352 sks, yield: 1.15 cu.ft/sk) TAIL cement at 6 BPM.  Drop top plug.  Displace casing with 413 bbls of 8.9 ppg rotary mud.  Final circulating pressure at 2 BPM = 750 psig  Pressure bled, floats held.  Drop secondary opening bomb - wait 20 minutes.  Pump and pressure up on bomb with cement truck pump, stage collar opened with 785 psig and circulation was established with 10 bbls of mud, SD cementing truck and switched manifold to circulate with rig pump.</p>
<b>Circulate 1st Stage</b>	<p>Circulate with rig pump at 6 BPM.  NO cement to surface at bottoms up.  Circulate and wait on 1st stage cement.</p>
<b>2nd Stage</b>	<p>Pump 75 bbl H2O spacer.  Mix and pump 284 bbls of 12.7 ppg (850 sks, yield: 1.88 cu.ft/sk) LEAD cement at 6 BPM.  Drop closing plug, wash pumps and lines.  Displace casing with 160 bbls of rotary mud.  Final circulating pressure at 2 BPM = 125 psig  Bump plug with 1513 psig.  Bled pressure; tool held.  No cement returns to surface.  CIP at 16:30 hrs.</p>

Best Regards,

Emily Wills  
Drilling Engineer  
US Drill Team – Onshore  
[emily.a.wills@exxonmobil.com](mailto:emily.a.wills@exxonmobil.com)  
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