

# STATE OF ALASKA

## ALASKA OIL AND GAS CONSERVATION COMMISSION

SEAN PARNELL, GOVERNOR

333 W. 7th AVENUE, SUITE 100  
ANCHORAGE, ALASKA 99501-3539  
PHONE (907) 279-1433  
FAX (907) 276-7542

### ADMINISTRATIVE APPROVAL AIO22D.003

Mr. Doug Cismoski, P.E., Wells Intervention Manager  
Attention: Well Integrity Engineer, PRB-20  
BP Exploration (Alaska) Inc.  
P.O. Box 196612  
Anchorage, AK 99519-6612

RE: PBU S-111 (PTD 2050510) Request for Administrative Approval  
Aurora Oil Pool

Dear Mr. Cismoski:

Pursuant to Rule 9 of Area Injection Order ("AIO") 22D.000, the Alaska Oil and Gas Conservation Commission ("AOGCC" or "Commission") hereby **GRANTS** BP Exploration (Alaska) Inc. ("BPXA")'s request for administrative approval to continue water injection in the subject well.

AOGCC finds that BPXA has performed a gel sealant squeeze on Prudhoe Bay Unit ("PBU") S-111 in an attempt to eliminate inner annulus ("IA") repressurization. Outer annulus pressures do not indicate anomalous conditions or loss of pressure integrity. Reported results of BPXA's diagnostic procedures and wellhead pressure trend plots indicate that PBU S-111 exhibits competent primary (tubing and packer) and secondary (production casing) barriers to the release of well pressure while on water injection. The Commission believes that the well's condition does not compromise overall well integrity so as to threaten the environment or human safety, if the well's operation is subject to the constraints enumerated below.

AOGCC's administrative approval to continue water injection only in PBU S-111 is conditioned upon the following:

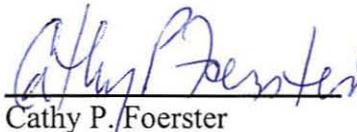
1. BPXA shall record wellhead pressures and injection rate daily;
2. BPXA shall submit to the AOGCC a monthly report of well pressures and injection rates, and shall flag the well's periodic pressure bleeds on the report;
3. BPXA shall perform an MIT - IA and CMIT-TxIA every 2 years to the maximum anticipated injection pressure;

4. BPXA shall immediately shut in the well and notify the AOGCC if there is any change in the well's mechanical condition;
7. After well shut in due to a change in the well's mechanical condition, AOGCC approval shall be required to restart injection; and
8. The MIT anniversary date is February 15, 2010.

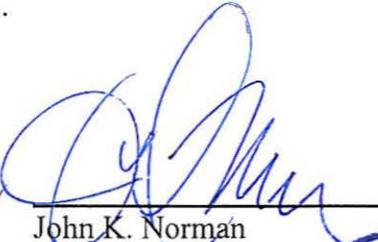
**DONE** at Anchorage, Alaska and dated February 4, 2011.



Daniel T. Seamount, Jr.  
Chair, Commissioner



Cathy P. Foerster  
Commissioner



John K. Norman  
Commissioner

cc: BPXA Well Integrity Coordinator, PRB-20  
P.O. Box 196612  
Anchorage, AK 99519-6612



**RECONSIDERATION AND APPEAL NOTICE**

As provided in AS 31.05.080(a), within 20 days after written notice of the entry of this order or decision, or such further time as the Commission grants for good cause shown, a person affected by it may file with the Commission an application for reconsideration of the matter determined by it. If the notice was mailed, then the period of time shall be 23 days. An application for reconsideration must set out the respect in which the order or decision is believed to be erroneous.

The Commission shall grant or refuse the application for reconsideration in whole or in part within 10 days after it is filed. Failure to act on it within 10-days is a denial of reconsideration. If the Commission denies reconsideration, upon denial, this order or decision and the denial of reconsideration are FINAL and may be appealed to superior court. The appeal MUST be filed within 33 days after the date on which the Commission mails, OR 30 days if the Commission otherwise distributes, the order or decision denying reconsideration, UNLESS the denial is by inaction, in which case the appeal MUST be filed within 40 days after the date on which the application for reconsideration was filed.

If the Commission grants an application for reconsideration, this order or decision does not become final. Rather, the order or decision on reconsideration will be the FINAL order or decision of the Commission, and it may be appealed to superior court. That appeal MUST be filed within 33 days after the date on which the Commission mails, OR 30 days if the Commission otherwise distributes, the order or decision on reconsideration. As provided in AS 31.05.080(b), "[t]he questions reviewed on appeal are limited to the questions presented to the Commission by the application for reconsideration."

In computing a period of time above, the date of the event or default after which the designated period begins to run is not included in the period; the last day of the period is included, unless it falls on a weekend or state holiday, in which event the period runs until 5:00 p.m. on the next day that does not fall on a weekend or state holiday.