

From: Kelly_Kardos@xtoenergy.com
To: [Koepsell, Arthur](#)
Subject: RE: Toupal SWD 2 Form 2A 400299592, XTO
Date: Monday, July 09, 2012 9:57:04 AM

Arthur,

We are not planning on any tanks or pumps on location. Just the wellhead with the monitoring gages and the wellhouse. Please let me know if you need anymore info.

Kelly K. Kardos
Permitting Supervisor
XTO ENERGY a subsidiary of ExxonMobil
9127 South Jamaica Street | Englewood, CO 80112
Office: 303.397.3727 | Cell: 505.787.7784 | Fax: 1.505.213.0546

"Koepsell, Arthur" <Arthur.Koepsell@ state.co.us>	To <Kelly_Kardos@xtoenergy.com> cc
07/03/2012 08:12 AM	Subject RE: Toupal SWD 2 Form 2A 400299592, XTO

Kelly,

The well house is fine. We are just trying to minimize the permanent equipment since it is in a riparian area.

Thank,

Arthur

Arthur W. Koepsell, P.G.
Oil & Gas Location Assessment Specialist
Southern Area

Oil and Gas Location Assessment
Colorado Oil and Gas Conservation Commission
1120 Lincoln St. Suite 801
Denver Colorado 80203

Phone (303) 894-2100 ext. 5148

-----Original Message-----

From: Kelly_Kardos@xtoenergy.com [mailto:Kelly_Kardos@xtoenergy.com]

Sent: Tuesday, July 03, 2012 8:04 AM

To: Koepsell, Arthur

Subject: Re: Toupal SWD 2 Form 2A 400299592, XTO

Hey Arthur. Sorry it's taken me so long to respond. I'm in the process of moving to Castle Rock so I've been out of the office. I'm still waiting on confirmation for surface equipment. I was just told there will be a small well house over the wellhead. The engineer is confirming with the facilities engineer if there is anything else. As far as the other COAs, XTO concurs. I will let you know for sure about item #6 as soon as I find out.

Kelly K. Kardos

Permitting Supervisor

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"Koepsell,
Arthur"

<Arthur.Koepsell@
state.co.us>

To

<Kelly_Kardos@xtoenergy.com>

cc

06/29/2012 09:09
AM

Subject

Toupal SWD 2 Form 2A 400299592, XTO

Kelly,

The COGCC is reviewing the Form 2A (#400299592) for the TOUPAL SWD 2 location, located in the SWNE Sec 10 T34S R67W Las Animas County, Colorado. The COGCC requests acknowledgement of the following conditions of approval prior to passing the Oil and Gas Location Assessment (OGLA).

Conditions of Approval

1. Location is in a sensitive area because of proximity to surface water and riparian; therefore, either a lined drilling pit or closed loop system is required.
2. Operator must implement site-specific best management practices in accordance with good engineering practices, including, but not limited to, construction of a berm or diversion dike, site grading, or other comparable measures, sufficient to protect the South Fork of the Purgatoire River located 266 feet south of the oil

and gas location from a release of drilling, completion, produced fluids, and chemical products.

3. Provide notice to COGCC 48-hours prior to commencement of construction activities via form 42.

4. All temporary equipment that contains fluids shall have secondary containment as described in rule 604.a.4.

5. Temporary equipment shall be placed as far away from the South Fork of the Purgatoire River as practical.

6. The well head is only permanent equipment that shall be on the site once drilling, completion and interim reclamation have taken place.

7. The operator will conduct baseline sampling of (at a minimum) two locations on the South Fork of the Purgatoire River. South Fork of the Purgatoire River should be taken upstream of the pad and one should be taken below the pad. The operator may conduct additional water monitoring at their own discretion.

Laboratory analysis at a minimum will include the following: pH (lab) TDS Conductivity (lab, not resistivity) SAR calculation Ca, K, Mg, Na, As, B, Ba, Cd, Cr, Cu, Fe, Mn, Pb, Se (all total recoverable) Br, Cl, F, SO₄, Alkalinity (Total, HCO₃ and CO₃ – all expressed as CaCO₃) benzene toluene ethyl benzene o-xylene m- + p-xylene, MBAS, DRO, GRO. Field parameters including pH, Temperature and Conductivity shall be recorded prior to collecting the sample for laboratory analysis. Field observations such as odor, water color, sediment, bubbles and effervesce shall also be included.

Post completion surface water samples shall be collected at 3 months, 1 year, 3 years and 6 years. Post completion sampling of water wells will consist of the same analyte list as the pre-drilling program. Copies of all test results, field parameters and field observations described above shall be provided to the Director and the water well owner within three (3) months of collecting the samples. The analytical data and surveyed sample locations shall also be submitted to the Director in an electronic data deliverable format approved by Director.

8. Approval of this form does not authorize injection. Authorization to inject requires approval of Form 31 and Form 33.

Please feel free to contact me if you have any questions or concerns.

Thanks,

Arthur

Arthur W. Koepsell, P.G.
Oil & Gas Location Assessment Specialist Southern Area

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