



STATE OF  
COLORADO

Andrews - DNR, Doug <doug.andrews@state.co.us>

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## Gies Location and Facility drawing

3 messages

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**Sonia Spencer** <sonia.spencer@iptenergyservices.com>  
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Mon, Jul 7, 2014 at 10:58 AM

Doug,

Here is the correct drawings that will need to be on the Form 2A...note that the Location Drawing North on the bottom is pointing to the left on bottom page, sorry for the confusion. Please don't hesitate to call me if you have any issues at all.

Thanks Doug

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**From:** Aaron Demo [mailto:[aaron@baselinecorp.com](mailto:aaron@baselinecorp.com)]  
**Sent:** Monday, July 07, 2014 10:45 AM  
**To:** Sonia Spencer  
**Subject:** RE: Can you send me the latest version and greatest for Gies Location Drawing not facility but location...

Sonia,

Here are the 2 location drawings for the Gies Pad.

Let me know if you need anything else.

**AARON DEMO, PLS** | Survey Project Manager | Baseline Engineering, Planning, & Surveying |  
Northern Colorado: 710 11<sup>th</sup> Avenue, Suite 105 | Greeley, CO 80631 | Phone: 970.353.7600 | Fax: 970.353.7601 |  
Cell: 970.231.9388 | [www.baselinecorp.com](http://www.baselinecorp.com)

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**From:** Sonia Spencer [mailto:[sonia.spencer@iptenergyservices.com](mailto:sonia.spencer@iptenergyservices.com)]  
**Sent:** Monday, July 07, 2014 10:38 AM  
**To:** Aaron Demo  
**Subject:** Can you send me the latest version and greatest for Gies Location Drawing not facility but location...

Good morning Aaron,

Doug Andrews with the COGCC is waiting on me, can you send me the latest and greatest version of Location drawing for Gies please.

Thank you I will need it soon to send to him.

Thank you, I have one but I do not know if it is the latest there is no revision date on these.



Integrated Petroleum Technologies, Inc. | 1707 Cole Blvd, Suite 200 | Golden, CO 80401

**Sonia Spencer**

**Project Managment/ Permitting**

P: [720.420.5749](tel:720.420.5749)

C: [720.422.4052](tel:720.422.4052)

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[sonia.spencer@iptenergyservices.com](mailto:sonia.spencer@iptenergyservices.com) | [www.iptenergyservices.com](http://www.iptenergyservices.com)

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**2 attachments****GEIS-PRODUCTION FACILITY LOC DWG.PDF**

155K

**SYN07N65W22-01(GEIS)-LOCATION DRAWING.pdf**

150K

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**Andrews - DNR, Doug** <doug.andrews@state.co.us>  
To: Sonia Spencer <sonia.spencer@iptenergyservices.com>

Mon, Jul 7, 2014 at 3:05 PM

Sonia,

I have completed my review of the Synergy Resources Corp. SRC Gies Pad location (Doc #400612430) and have the following comments:

- 1) In the Construction section the size of the disturbed area during construction is 1.3 acres and the size after interim reclamation is 1.7 acres. I believe this is a typo as the size after interim reclamation must be smaller than during construction. Also, 1.3 acres seems rather small for an oil and gas location with 8 wells, 20 tanks, 8 separators, and 4 VOC combustors. Please confirm the size of the disturbed area both during construction and after interim reclamation.
- 2) In the Soil section you have listed only the 4-Aquolls and Aquepts flooded NRCS Soil Map Unit. A review of your Location Drawing appears to indicate the western part of the disturbed area will overlap onto the 41-Nunn clay loam, 0-1 percent slopes NRCS Map Unit. Please provide me with that NRCS Map Unit Description and I will add it to the Form 2A.
- 3) In the Water resources section you have indicated an estimated depth to groundwater of 40 feet from water well Permit #229659. A review of this water well permit indicates 40 feet is the total depth of the well and the static water level is 10 feet. Therefore, I will change the estimated depth to groundwater to 10 feet.
- 4) Your Location Pictures do not meet COGCC requirements. Location Pictures must include the date the photos were taken. Please correct the Location Pictures and send them to me.
- 5) Because this proposed oil and gas location is within a Buffer Zone, please provide me with a Noise mitigation BMP that details how Synergy will mitigate noise during drilling and completion operations at this proposed oil and gas location.

Please respond to this correspondence by August 7, 2014. If you have any questions, please contact me. Thank you.

[Quoted text hidden]

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***Doug Andrews***

Oil &amp; Gas Location Assessment Specialist - Northeast Area



**COLORADO**  
Oil & Gas Conservation  
Commission  
Department of Natural Resources

1120 Lincoln St., Suite 801  
Denver, CO 80203  
[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)

303-894-2100 Ext. 5180

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**Sonia Spencer** <sonia.spencer@iptenergyservices.com>  
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>  
Cc: Aaron Demo <aaron@baselinecorp.com>

Mon, Jul 7, 2014 at 4:02 PM

Doug,

Please see Gies changes and your concerns addressed.

Thank you

**From:** Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]  
**Sent:** Monday, July 07, 2014 3:05 PM  
**To:** Sonia Spencer  
**Subject:** Re: Gies Location and Facility drawing

Sonia,

I have completed my review of the Synergy Resources Corp. SRC Gies Pad location (Doc #400612430) and have the following comments:

\*NOTE; One item I need to address is that Synergy and Baseline did update the Production Facility Location Drawing and never cc me. When you asked me for the current Facility and Location drawing I sent this morning to you, Aaron from Baseline said he found that a change was made and just now sent it to me. Aaron was out and wasn't aware of a change that was made on 06-30-14.. I have now attached the correct facility drawing and I apologize for the confusion. Please call me if you have any issues at all. This moves our separators to the west.

1) In the Construction section the size of the disturbed area during construction is 1.3 acres and the size after interim reclamation is 1.7 acres. I believe this is a typo as the size after interim reclamation must be smaller than during construction. Also, 1.3 acres seems rather small for an oil and gas location with 8 wells, 20 tanks, 8 separators, and 4 VOC combustors. Please confirm the size of the disturbed area both during construction and after interim reclamation. The Construction acreage is a typo and should be 4.59 acres which is on the "Location Drawing" my fault there. The Interim acreage for Gies is 1.325 acreage. Baseline confirmed with me.

4) Your Location Pictures do not meet COGCC requirements. Location Pictures must include the date the photos were taken. Please correct the Location Pictures and send them to me. **There is a date on the photos which does not stand out...it is after S-T-R and the date is 4-25-14- I have asked that they make this stand out more for future photo exhibit.**

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**SYN07N65W22-01(GEIS)-PRODUCTION FACILITY LOC DWG 062714.pdf**

155K