



STATE OF
COLORADO

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

Gies Review and deliverables

1 message

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

Mon, Jul 7, 2014 at 3:35 PM

Dear Doug,

Thank you so much for your guidance and I have the following answers for you, please see my answer in Red for the following concerns.

2. I have attached the additional map for you 41-Nunn clay.
3. Thank you for adjusting the estimated depth to groundwater to 10'.
5. See my BMP below...

Sonia Spencer

Project Management and Permitting



Integrated Petroleum Technologies, Inc.

1707 Cole Boulevard, Suite 200, Golden, CO 80401

Corporate Office: 720-420-5700 / Fax: 720-420-5800

Direct 720-420-5749

Email: sonia.spencer@iptenergyservices.com

www.iptenergyservices.com

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:

- 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. **Contacted Baseline to confirm both the construction and after interim reclamation acreage.**
- 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. **I have attached the 41-Nunn clay for you and thank you.**
- 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. **Thank you.**
- 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. **Baseline has been contacted, they will send me the new photo exhibit.**
- 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.

I would like to use the following BMP please;

Noise- The drill site will be powered by electricity, mitigating the majority of noise from drilling operations. Sound walls and /or hay bales will be used to surround the well site during drilling operations.

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

On Mon, Jul 7, 2014 at 10:58 AM, Sonia Spencer <sonia.spencer@iptenergyservices.com> wrote:

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

From: Aaron Demo [<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 11th Avenue, Suite 105 | Greeley, CO 80631 | Phone: 970.353.7600 | Fax: 970.353.7601 |
Cell: 970.231.9388 | www.baselinecorp.com

From: Sonia Spencer [<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

C: 720.422.4052

F: 720.420.5800

sonia.spencer@iptenergyservices.com | www.iptenergyservices.com

This email has been scanned for email related threats and delivered safely by Mimecast.
For more information please visit <http://www.mimecast.com>

This email has been scanned for email related threats and delivered safely by Mimecast.
For more information please visit <http://www.mimecast.com>

--
Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area




1120 Lincoln St., Suite 801

Denver, CO 80203

doug.andrews@state.co.us

303-894-2100 Ext. 5180

This email has been scanned for email related threats and delivered safely by Mimecast.
For more information please visit <http://www.mimecast.com>

 **Gies 41-Nunn clay loam 0 to 1 percent slopes Map unit.pdf**
119K