From: Trueax, Kenny
To: Greg Deranleau - DNR
Cc: Lytle, Andy
Subject: RE: Trestle 1648-11-41-H Form 2A doc #400476515
Date: Tuesday, December 03, 2013 9:29:57 AM

Greg,
Re: **Trestle 1648-11-41-H (Form 02A Doc. 400476515)**
I apologize for this taking a little longer than expected to get.
For drilling and completion the pad size is as follows:
Graded Surface Area: 5.74 Acres
Total Well Pad Area: 5.94 Acres
Total Disturbance Area: 7.45

We were able to decrease the drilling & completion pad size by 4.1 acres and 5.21 from total disturbance originally planned.

Does this info answer the specific questions you had?

From: Greg Deranleau - DNR [mailto:Greg.Deranleau@state.co.us]
Sent: Tuesday, December 03, 2013 7:32 AM
To: Trueax, Kenny
Cc: Lytle, Andy
Subject: RE: Trestle 1648-11-41-H Form 2A doc #400476515

Kenny,
Were you able to get this reclamation plan put together?

Greg Deranleau
Oil & Gas Location Assessment Supervisor
Colorado Oil and Gas Conservation Commission
303-894-2100 ext. 5153

From: Trueax, Kenny [mailto:Kenny.Trueax@anadarko.com]
Sent: Friday, November 01, 2013 9:00 AM
To: Greg Deranleau - DNR
Cc: Lytle, Andy
Subject: RE: Switchman 1647-17-11-H Location Form 2A doc #400474125

Greg,
We will have the pad area drawing revised for the Trestle 1648-11-41-H and submit it ASAP this next week. I'll reference the doc. ID in the e-mail.

Thanks!

Kenny

From: Greg Deranleau - DNR [mailto:Greg.Deranleau@state.co.us]
Sent: Thursday, October 31, 2013 5:25 PM
To: Trueax, Kenny
Cc: Lytle, Andy
Subject: RE: Switchman 1647-17-11-H Location Form 2A doc #400474125

The Switchman was approved, so if you develop a similar plan for that would you please submit it via Sundry to the assigned Location ID #?

I can approve the Trestle with a COA that you will submit an interim reclamation plan via Sundry, or I can put it ON HOLD until you send it in. Pushing it back to draft would not be good for either of us —it would effectively restart the clock and comment periods, etc.

Let me know what you'd prefer.

Greg Deranleau
Oil & Gas Location Assessment Supervisor
Colorado Oil and Gas Conservation Commission
303-894-2100 ext. 5153

From: Trueax, Kenny [mailto:Kenny.Trueax@anadarko.com]
Sent: Thursday, October 31, 2013 5:18 PM
To: Greg.Deranleau@state.co.us
Cc: Lytle, Andy
Subject: FW: Switchman 1647-17-11-H Location Form 2A doc #400474125

Greg,
With the pad that we built to full size the **Lincoln 1748-11-11-H**, this was done on a SUA. I completely understand and agree with your point about erosion concerns and leaving the pad unclaimed for the life of the well will make it hard to reclaim properly years later. I will get the group to prepare a proposed interim reclamation plan for after the well is drilled and on line. Nobody here will have a problem with doing that. I didn't touch upon that concern in my earlier response.

For the Trestle permit, do you want me to just submit a revised pad drawing directly to you for approval or would the permit have to go back to "draft" status? I can have this revised package within a week.

Thanks,

Kenny

From: Trueax, Kenny
Sent: Thursday, October 31, 2013 12:34 PM
To: 'Greg Deranleau - DNR'
Cc: Light, Cheryl; Brown, Mark; Tannehill, Scott; Smith, Derek; Lytle, Andy; Anderson, Dawn; Kazeck, Tony
Subject: RE: Switchman 1647-17-11-H Location Form 2A doc #400474125

Greg,

We are actually in the process of shrinking our pads today. I was informed this morning this Switchman pad will be closer to about ±6 acres (which was approved by our drilling group). The revised pad diagram is being worked today. The completions design usually dictates pad size (over the rigs being the driving factor). We went with the largest pad based on the completion scenario requiring the *most* space. Going forward we will permit closer to this ±6 acre size whenever possible (depending on completion space needed).

Our first pad the **Lincoln 1748-11-11-H** was built to the size permitted 10.06 acre pad and 12.38 acres total including cut slopes, soil piles and access road. the surface owner was in agreement and will be (or already has been) paid based on the acres disturbed. As mentioned, the pads to follow will be adjusted. We do not want to take up any more room than necessary and the topography and current completion plans is favorable in this area to keep the pads smaller than first anticipated.

Does that meet your concern? Please let me know if not or if you have any other questions.

Thank you,

Kenny Trueax

Work: 720-929-6383
Cell: 720-394-0933

From: Greg Deranleau - DNR [mailto:Greg.Deranleau@state.co.us]
Sent: Thursday, October 31, 2013 11:49 AM
To: Trueax, Kenny
Cc: Light, Cheryl; Brown, Mark; Tannehill, Scott
Subject: RE: Switchman 1647-17-11-H Location Form 2A doc #400474125

Follow-up question:
Why do you propose to leave the Locations so large following interim reclamation? Granted it is a large tank battery, but >10 acres may be excessive. COGCC Rule 1003 requires areas of the pad that will be unused to be reclaimed following drilling and completion.

I did not address this on the Switchman, because you have a SUA on that pad, but the Trestle is to be constructed under Bond, therefore the pad size really needs to be minimized. Leaving a 10 acre disturbance un-reclaimed for the life of the well in arid Cheyenne County could result in a very challenging reclamation in years to come.

Thanks,

Greg Deranleau
Oil & Gas Location Assessment Supervisor
Colorado Oil and Gas Conservation Commission
303-894-2100 ext. 5153

From: Trueax, Kenny [mailto:Kenny.Trueax@anadarko.com]

Sent: Thursday, October 31, 2013 11:03 AM
To: Greg.Deranleau@state.co.us
Cc: Light, Cheryl; Brown, Mark; Tannehill, Scott
Subject: FW: Switchman 1647-17-11-H Location Form 2A doc #400474125

Greg,
Thank you for your email. Anadarko will have no problem complying with these COAs below for the referenced 02A or 02 permits. If okay with you, this acknowledgement can also be applied to the pending **Trestle 1648-11-41-H** Doc. ID 400476515.

1. No E&P Waste permitted to be stored in Temporary Large Volume Above Ground Tank.
2. Temporary Large Volume Above Ground Tank design shall be certified by a Professional Engineer, and the installation shall be in accordance with certified design.

Thank you,

Kenny Trueax

From: Dinkel, Mike
Sent: Thursday, October 31, 2013 10:52 AM
To: Trueax, Kenny; Schicktanz, Ed
Subject: RE: Switchman 1647-17-11-H Location Form 2A doc #400474125

I have no problem with either COA. I have the PE stamped designs in my office.

From: Trueax, Kenny
Sent: Thursday, October 31, 2013 10:50 AM
To: Schicktanz, Ed; Dinkel, Mike
Subject: FW: Switchman 1647-17-11-H Location Form 2A doc #400474125

Ed or Mike,
Can either of you advise on this. Last I heard (which was after permit submittal) that we may or may not be using these large volume tanks in Las Animas? If plan to use them or are even up in the air can Anadarko agree to these terms COA's?

Thanks!

From: Greg Deranleau - DNR [mailto:Greg.Deranleau@state.co.us]
Sent: Thursday, October 31, 2013 10:43 AM
To: Trueax, Kenny
Subject: Switchman 1647-17-11-H Location Form 2A doc #400474125

Kenny,
I am conducting a final review of the referenced Form 2A prior to Director approval. I see that you are proposing to utilize a Temporary Large Volume Storage Tank on the location. COGCC is in the process of developing a policy that would set some standards for certain design, installation and use considerations of these tanks. In the absence of policy we are requesting your concurrence with the following Conditions of Approval for this Location.

1. No E&P Waste permitted to be stored in Temporary Large Volume Above Ground Tank.
2. Temporary Large Volume Above Ground Tank design shall be certified by a Professional Engineer, and the installation shall be in accordance with certified design.

As I am sure you are aware, there have been several instances of failure of these types of tanks over the last couple years, and we believe that these conditions will help protect public health, safety, welfare and the environment at locations where their use is proposed.

Please reply as soon as you can, so that I can move this permit along.

Thanks,

Greg Deranleau
Oil and Gas Location Assessment Supervisor

Colorado Oil & Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203
303-894-2100, ext 5153

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