

Dave Kubeczko - DNR

From: Dave Kubeczko - DNR
Sent: Wednesday, June 24, 2015 9:53 AM
To: Dave Kubeczko - DNR
Subject: FW: Hamill #19-16D - Form 2A Document #400779988
Attachments: Terry L Hoffman.vcf; HAMILL 19-16D Revised Docs for 2A.pdf

Scan No 2107601

OPERATOR CORRESPONDENCE

2A#400787414

From: Terry Hoffman [mailto:terry@rockymountainpermitting.com]
Sent: Wednesday, June 10, 2015 5:24 PM
To: 'dave.kubeczko@state.co.us'
Cc: mike.griffis@grmroilandgas.com
Subject: Hamill #19-16D - Form 2A Document #400779988

Dave I have attached the revised documents for the above mentioned Form 2A. As we discussed on the phone this well pad is now a single well pad, so the attached drawings no longer depict a multi well pad. I have also included pictures that may not necessarily show a multi well pad, but now show only one well name and not both names. An example would be the location photos have not changed, but it now just says the Hamill #19-16D. You now also have the most current access road map for the new road route and the BHL added to the Multi Well Plan per your request.

If you have any questions, please do not hesitate to call.

Thank you very much.

Terry L. Hoffman
Permit Agent for GRMR Oil & Gas LLC



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

From: Terry Hoffman [mailto:terry@rockymountainpermitting.com]
Sent: Thursday, May 28, 2015 5:14 PM
To: Dave Kubeczko (dave.kubeczko@state.co.us)
Cc: mike.griffis@grmroilandgas.com
Subject: Hamill #19-16D Form 2A

Dave as Permit Agent for GRMR I am agreeing to the COA that you outlined in your email below for the Hamill #19-16D Form 2A. As we discussed this afternoon over the phone I will send you a revised access road plat as soon as I received it back from the surveying company. Currently part of the access road is being engineered and I have not yet received the final drawing. If I receive it prior to you approving the Form 2A I will forward it on to you via email, if you have approved the Form 2A I will submit via a Sundry as per your request. The "Multi-Well Plan that is missing the BHL is to being revised, as soon as I receive it I will forward it on.

If you have any questions, please do not hesitate to call.

As always it was nice talking with you this afternoon.

Terry L. Hoffman
Permit Agent for GRMR Oil & Gas, LLC

303.250.0619 Cell
720-542.8287 Office

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

From: Mike Griffis [mailto:Mike.Griffis@grmroilandgas.com]
Sent: Thursday, May 07, 2015 11:11 AM
To: Terry Hoffman
Subject: RE: Hamill pad move

Yes please. I attached the comments from Dave Kubezko and the road concerns are there. Not so much from an engineering standpoint (which I think we need) but from slope control.

Also, are you ok with taking over this permit mid-stream from Upstream?

From: Dave Kubezko - DNR [mailto:dave.kubezko@state.co.us]

Sent: Tuesday, May 05, 2015 2:18 PM

To: Agross@upstreampm.com; krodell@upstreampm.com; acallaway@upstreampm.com

Cc: Mike Griffis

Subject: GRMR Oil & Gas LLC, Myers 19-11HA Pad, SESE Sec 19 T5N R90W, Moffat County, Form 2A#40078519 Review

Andrea and Kim,

I have been reviewing the Hamill 19-16D Pad **Form 2A** (#400787414). COGCC requests a revised Access Road Map and revised Multi-Well Plan. During the COGCC onsite on 04-22-15, the operator indicated that the access route would be changed and resurveyed. COGCC would like the revised Access Road Map prior to approval. However, if the operator wants their permit sooner, they can submit the revised Access Road Map via a Form 4 Sundry Notice. The Multi-Well Plan submitted does not show the actual bottomhole locations. The township, range, and section of the bottomholes need to be shown on the plan. This will need to be submitted prior to the Form 2A being approved. COGCC would like to attach the following conditions of approval (COAs) based on the information and data GRMR Oil & Gas LLC (GRMR) has submitted on or attached to the Form 2A, as well as information gained during the onsite on March 17, 2015, prior to passing the Oil and Gas Location Assessment (OGLA) review.

Planning: The following conditions of approval (COAs) will apply:

COA 91 - Notify the COGCC 48 hours prior to start of pad construction, rig mobilization, spud, start of hydraulic stimulation operations (if applicable), and start of flowback operations (if applicable and/or if different that start of hydraulic stimulation operations) using Form 42 (the appropriate COGCC individuals will automatically be email notified, including the LGD for hydraulic stimulation operations).

Construction: The following conditions of approval (COAs) will apply:

COA 23 - Operator must ensure secondary containment for any volume of fluids contained at well site during drilling and completion operations; including, but not limited to, construction of a berm or diversion dike, diversion/collection trenches within and/or outside of berms/dikes, site grading, or other comparable measures (i.e., best management practices (BMPs) associated with stormwater management) sufficiently protective of nearby surface water. Any berm constructed at the well pad location will be stabilized, inspected at regular intervals (at least every 14 days and after precipitation events), and maintained in good condition.

COA 44 - The access road will be constructed and maintained as to not allow any sediment to migrate from the access road to nearby surface water or any drainages leading to surface water.

COA 76 - Strategically apply fugitive dust control measures, including enforcing established speed limits on private roads, to reduce fugitive dust and coating of vegetation and deposition in water sources.

COA 28 - The access road and well pad locations are in an area of moderate to high run-on/run-off potential; therefore standard stormwater BMPs must be implemented; prior to, during, and after construction, as well as during drilling, completion, and production operations; at this location to insure compliance with CDPHE and COGCC requirements and to prevent any stormwater run-on and /or stormwater run-off.

COA 58 - Berms or other containment devices shall be constructed to be sufficiently impervious (corrugated steel with poly liner) to contain any spilled or released material around permanent crude oil, condensate, and produced water storage tanks.

Drilling/Completions: The following conditions of approval (COAs) will apply:

COA 31 - If the operator requires to obtain water from the nearby Williams Fork River, the pump and pipeline system must be capable of preventing any backflow into the river after pump shutdown. Any water pumped from the Williams Fork River, but not used during the drilling and completion operations, must be disposed of offsite, not back into the river.

COA 11 - As indicated on the Form 2A, since oil base foam drilling mud will be used for the horizontal portion of the wellbore, a closed loop system must be implemented during drilling. All cuttings generated during drilling with oil based mud or high chloride/TDS mud must be kept in the lined drilling pit (if permitted and constructed), tanks/containers, or placed on a lined/bermed portion of the well pad; prior to disposition. The moisture content of any drill cuttings in a cuttings containment area or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. After drilling and completion operations have

been completed, the drill cuttings that will remain on the well pad location (cuttings management area, the cut portion of the pad, cuttings trench, dry cuttings drilling pit), must meet the applicable standards of Table 910-1. Any material which does not meet Table 910-1 criteria will either be manifested and disposed offsite at an approved commercial facility, or amended further onsite to comply with Table 910-1. After the drill cuttings have been amended (if necessary or applicable) and placed on the well pad, sampling frequency of the drill cuttings (to be determined by the operator) shall be representative of the material left on location. If operator determines that long-term onsite management of oil based mud or high chloride/TDS mud cuttings is necessary, an approved Form 27 remediation plan will be required. No offsite disposal of cuttings to another oil and gas location shall occur without prior approval of a Waste Management Plan (submitted via a Form 4 Sundry Notice) specifying disposal location and waste characterization method. Commercial disposal of drill cuttings will only require notification to COGCC via a Form 4 Sundry Notice. All liners associated with oil based or high chloride/TDS drilling mud and cuttings must be disposed of offsite per CDPHE rules and regulations.

COA 25 - If the well(s) is (are) to hydraulically stimulated, then flowback and stimulation fluids must be sent to tanks, separators, or other containment/filtering equipment before the fluids can be placed into any pipeline or storage vessel located on the well pad; or into tanker trucks for offsite disposal. The flowback and stimulation fluid tanks, separators, or other containment/filtering equipment must be placed on the well pad in an area constructed to be sufficiently impervious to contain any spilled or released material.

COA 26 - Potential odors associated with the completions process and/or with long term production operations must be controlled/mitigated.

COGCC would appreciate your concurrence with attaching these COAs to the Form 2A permit prior to passing the OGLA review. If you have any questions, please do not hesitate to call me at (970) 309-2514 (cell), or email. Thanks.

Dave

David A. Kubeczko, PG
Oil and Gas Location Assessment Specialist
Western Colorado



Colorado Oil & Gas Conservation Commission
Northwest Area Office
796 Megan Avenue, Suite 201
Rifle, CO 81650
FAX: (970) 625-5682
Cell: (970) 309-2514
dave.kubeczko@state.co.us | www.colorado.gov/cogcc

 *Please consider the environment before printing this e-mail*

Mike Griffis
Operations Manager
GRMR Oil & Gas
Office: 303-515-5921
Cell: 303-819-7354

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

From: Terry Hoffman [mailto:terry@rockymountainpermitting.com]
Sent: Thursday, May 07, 2015 9:39 AM
To: Mike Griffis
Subject: FW: Hamill pad move

Let me know if you want to proceed with the road design and I will give Brandon a call.

Thanks,

Terry

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<http://RockyMountainPermitting.com>

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

From: Brandon Bowthorpe [mailto:bbowthorpe@uintahgroup.com]
Sent: Thursday, May 07, 2015 9:35 AM
To: Terry Hoffman
Cc: DuWayne Begay; Clay Grant; Martin Pierce; Chris Gardiner; Hal Marshall; John Hoffman; Mike Griffis
Subject: Re: Hamill pad move

Terry,

I know that you had a conversation with Hal a couple of days ago concerning the road design work for the Hamill pad, and you were going to have further discussions with the GRMR team on how to proceed....we were just wondering if there has been any decision made? If you could please let us know the direction to take we will get started on the project.

Thanks,

On Mon, May 4, 2015 at 3:58 PM, Brandon Bowthorpe <bbowthorpe@uintahgroup.com> wrote:

> Team,
>
> Our Engineering department has had a chance to review the lidar data
> and feels comfortable in doing the design work without making a trip
> to the field. Just one quick question, will you be wanting a "Full
> Design" that includes both the center line of the access road and
> cross sections, or simply a "Plan and Profile" design that includes
> only the horizontal and vertical alignment of the center line (this
> type of design is the minimum that the governmental agency's will
> accept). If you have any questions about what type of design you will
> be needing please contact Hal Marshall at (435) 789-1017 and he can
> explain in detail the difference in the two options.
>

> Our Engineering department is ready to start the design work as soon
> as we have the questions answered.

>
> Thanks and we look forward to hearing from you.

>
>
>
>
> On Mon, May 4, 2015 at 10:35 AM, Brandon Bowthorpe
> <bbowthorpe@uintahgroup.com> wrote:

>> John,
>>
>> We will make sure that you (or a member of the GRMR team) are
>> contacted and permission has been granted before heading to the field.

>>
>> Thanks,

>>
>> On Mon, May 4, 2015 at 10:31 AM, John Hoffman
>> <hoffmanseismicconsultants@gmail.com> wrote:

>>> All, Please note that before entering onto any landowners
>>> properties you must first contact myself or Clay Grant.

>>>
>>> Thank you
>>> John Hoffman

>>>
>>>
>>> John Hoffman
>>> Independent Landman
>>> Representing GRMR Oil & Gas
>>> Cell: (607) 425-1525
>>> Office (720) 235-5071
>>> Fax: (720) 235-5075

>>>
>>> Email: hoffmanseismicconsultants@gmail.com

>>>
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>>> delete the message from your systems.

>>>
>>> On Mon, May 4, 2015 at 7:21 AM, Brandon Bowthorpe
>>> <bbowthorpe@uintahgroup.com> wrote:

>>>>
>>>> Terry,
>>>>
>>>> You are correct, we do not have the topo information for the road
>>>> design. I will visit with Hal this morning and see what his

>>>> thoughts are on using the lidar data for the road design. If he is
>>>> not comfortable using the lidar data we will have to go to the
>>>> field and gather the additional information, we will keep everyone
>>>> posted before we make any trips to the field.

>>>>
>>>> Thanks,
>>>>

>>>> On Fri, May 1, 2015 at 1:48 PM, Terry Hoffman
>>>> <terry@rockymountainpermitting.com> wrote:
>>>> > Bradon do you have topo covering the area of concern for the
>>>> > portion of the road we discussed up to the well pad entrance - my
>>>> > guess is that you do not. You should have topo of the well pad,
>>>> > but don't know how far out it goes. If that is true you could
>>>> > probably move the location stakes back when you go back to the
>>>> > field to topo.

>>>> >
>>>> > You thoughts.

>>>> >
>>>> > Terry

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>>>> >
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>>>> > have to offer for Regulatory Permitting & Compliance and Project
>>>> > Management for the Oil & Gas Industry!

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>>>> >
>>>> >
>>>> > -----Original Message-----

>>>> > From: Brandon Bowthorpe [mailto:bbowthorpe@uintahgroup.com]
>>>> > Sent: Friday, May 01, 2015 12:28 PM
>>>> > To: Mike Griffis
>>>> > Cc: DuWayne Begay; Terry Hoffman; Clay Grant; John Hoffman;
>>>> > Martin Pierce; Chris Gardiner; Hal Marshall
>>>> > Subject: Re: Hamill pad move

>>>> >
>>>> > Mike,

>>>> >
>>>> > This sounds good. I will get with Martin and our engineering
>>>> > department manager Monday morning and go over the road to
>>>> > determine the tougher portions of the access road, if we have any
>>>> > questions or concerns we will let you know.

>>>> >
>>>> > Thanks,

>>>> >
>>>> > On Fri, May 1, 2015 at 12:11 PM, Mike Griffis

>>>> > <Mike.Griffis@grmroilandgas.com> wrote:

>>>> >> Brandon,

>>>> >>

>>>> >> I think that the tricky portion of that road should be engineered.

>>>> >> From what point, to what point, I'm not entirely sure, but the

>>>> >> portion that runs down into the pocket and across the face of
>>>> >> the hill should be (the hill is mainly made of mud).
>>>> >>
>>>> >> As far as moving the stakes, yes, we'll just wait until the
>>>> >> timing is more convenient. Don't make an extra trip.
>>>> >>
>>>> >> Thanks,
>>>> >>
>>>> >> Mike Griffis
>>>> >> Operations Manager
>>>> >> GRMR Oil & Gas
>>>> >> Office: 303-515-5921
>>>> >> Cell: 303-819-7354
>>>> >>
>>>> >> -----Original Message-----
>>>> >> From: Brandon Bowthorpe [mailto:bbowthorpe@uintahgroup.com]
>>>> >> Sent: Friday, May 01, 2015 11:58 AM
>>>> >> To: Mike Griffis
>>>> >> Cc: DuWayne Begay; Terry Hoffman; Clay Grant; John Hoffman;
>>>> >> Martin Pierce; Chris Gardiner
>>>> >> Subject: Re: Hamill pad move
>>>> >>
>>>> >> Mike,
>>>> >>
>>>> >> Thanks for the information, I have visited with Martin and the
>>>> >> field changes for the access road were made earlier this week,
>>>> >> if there is nothing from your end concerning the road route (we
>>>> >> had talked about the possibility of engineering portions of
>>>> >> access roads) we will go ahead and update the paperwork to
>>>> >> reflect the changes that were made in the field (to access the
>>>> >> original location). We will then go to the field and move the
>>>> >> well stakes back to the original position, depending on the
>>>> >> timing that you need this completed in (field work) it is
>>>> >> possible that we can coordinate this with a trip that we have
>>>> >> planned within a couple of weeks (to save some travel cost's),
>>>> >> or if you need it sooner we are happy to accommodate your schedule.
>>>> >>
>>>> >> Let me know if you have any questions,
>>>> >>
>>>> >> Thanks again,
>>>> >>
>>>> >> On Fri, May 1, 2015 at 11:30 AM, Mike Griffis
>>>> >> <Mike.Griffis@grmroilandgas.com> wrote:
>>>> >>> All,
>>>> >>>
>>>> >>>
>>>> >>>
>>>> >>> After looking at the cut/fill volumes for both options
>>>> >>> (existing and
>>>> >>> new) I don't see any material benefit to changing the pad location.
>>>> >>>
>>>> >>>

>>>> >>>
>>>> >>> UELS,
>>>> >>>
>>>> >>>
>>>> >>>
>>>> >>> Let's get the access road changes sorted out and have it access
>>>> >>> the originally surveyed location.
>>>> >>>
>>>> >>>
>>>> >>>
>>>> >>> Please let me know if you have any questions.
>>>> >>>
>>>> >>>
>>>> >>>
>>>> >>> Regards,
>>>> >>>
>>>> >>>
>>>> >>>
>>>> >>> Mike Griffis
>>>> >>>
>>>> >>> Operations Manager
>>>> >>>
>>>> >>> GRMR Oil & Gas
>>>> >>>
>>>> >>> Office: 303-515-5921
>>>> >>>
>>>> >>> Cell: 303-819-7354
>>>> >>>
>>>> >>>
>>>> >>>
>>>> >>> From: Deann Sturgiss [mailto:dsturgiss@uintahgroup.com]
>>>> >>> Sent: Wednesday, April 29, 2015 4:35 PM
>>>> >>> To: Mike Griffis
>>>> >>> Subject: HAMILL #19-16HA & #19-16D - PRELIMINARY PAD MOVE
>>>> >>>
>>>> >>>
>>>> >>>
>>>> >>> Mike,
>>>> >>>
>>>> >>> Please see the attached file of the HAMILL #19-16HA & #19-16D -
>>>> >>> PRELIMINARY PAD MOVE. Option 1 has 27,520 Cu. Yds. & Option 2
>>>> >>> has 28,
>>>> >>> 040 Cu. Yds. If you have any questions please contact Chris,
>>>> >>> Brandon or DuWayne.
>>>> >>>
>>>> >>> Thank you
>>>> >>>
>>>> >>>
>>>> >>>
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>>>> >>>
>>>> >>> Note: Plats May Vary in Size and Scale. For accurate

>>>> >>> representation please turn on "Actual Size" and "Choose Paper
>>>> >>> Source by PDF Page Size" when printing from Adobe Acrobat. If
>>>> >>> you Experience Problems Please Call.
>>>> >>>
>>>> >>>
>>>> >>>
>>>> >>> Deann Sturgiss
>>>> >>> Drafting Dept. Asst.
>>>> >>> Uintah Engineering & Land Surveying
>>>> >>> 435-789-1017
>>>> >>> dsturgiss@uintahgroup.com
>>>> >>
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>>>> >>
>>>> >> --
>>>> >> Brandon Bowthorpe, PLS
>>>> >> Vernal Ut. Survey Dept. Manager
>>>> >> U.E.L.S., LLC.
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