

From: [Brett A. Murray](#)
To: [Deranleau, Greg](#)
Subject: RE: Parker #L-1 05-073-06182 Form 2A Sundance Energy
Date: Friday, September 10, 2010 12:48:31 PM
Attachments: [image002.png](#)

Thanks Greg. We agree to the COA and will make amendments to our future permits that we are in the middle of sending in.

Thanks,

Brett A. Murray

From: Deranleau, Greg [mailto:Greg.Deranleau@state.co.us]
Sent: Friday, September 03, 2010 4:15 PM
To: Brett A. Murray
Subject: RE: Parker #L-1 05-073-06182 Form 2A Sundance Energy

Brett,

I have reviewed your submittal and discussed it with environmental staff here at COGCC. In the future, COGCC would appreciate the 1,000' radius to be drawn from the edge of the oil and gas location, defined by the edge of disturbance, however, we will accept this map. Additionally, we have requested that operators consider ephemeral drainages as surface water features on the hydrology map because they meet the intent of the 100-series definition for Waters of the State.

Due to the proximity of the location COGCC will be placing a condition of approval (COA) on this location to protect the nearby ephemeral drainage from spills, accidental release or runoff from the proposed location.

The following COA will apply:

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 prevent the offsite release of drilling, completion, produced fluids, and chemical products.

If you have any questions or wish to discuss this matter further, please do not hesitate to contact me.

Greg Deranleau
Oil & Gas Location Assessment Supervisor
303-894-2100 ext. 5153



From: Brett A. Murray [mailto:bmurray@sundanceenergy.net]
Sent: Tuesday, August 31, 2010 3:24 PM
To: Walker, Valerie
Cc: Deranleau, Greg
Subject: RE: Parker #L-1 05-073-06182 Form 2A Sundance Energy

Greg,

We believe our Water Resource map is the most current. We also have included a Location Map and duly noted that the reference area photos are not due within 12 months of the permit. Let me know what else you need from us.

Thanks,

Brett A. Murray



Sundance Energy, Inc.
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From: Walker, Valerie [mailto:Valerie.Walker@state.co.us]
Sent: Monday, August 30, 2010 3:53 PM
To: bmurray@sundanceenergy.net
Cc: Deranleau, Greg
Subject: FW: Parker #L-1 05-073-06182 Form 2A Sundance Energy

Brett,

It looks like you and Julie Vigil have dealt with most of my issues.
However, I am waiting on the following:

WATER RESOURCES

Please read the definition of Waters of the State (100 series). Intermittent streams are considered "Waters of the State"

Please provide a new Hydrology map showing the closest distance to the intermittent stream to the SW.

Also, the 1000 feet needs to be measured from the edge of the proposed disturbed area.(read 100 series definition Oil & Gas location and Rule 303.d.(3)D.)

I will change distance to nearest surface water accordingly

ATTACHMENTS

LOCATION DRAWING:

There is no location drawing. The aerial photos and topographic map suggest that there are visual improvements within 400 feet of the edge of the proposed disturbance. Please provide a location drawing.

REFERENCE AREA MAP AND PHOTOS

Based on the future land use, a reference area needs to be designated and photos supplied. Please read Reference Area (1000 series definitions) and Rule 303.d.(3)F.ii.

Please call me tomorrow to discuss. My last day with the State is tomorrow, please speak to Greg Deranleau starting 9/1/2010 at ext. 5153.

Valerie A. Walker
Oil and Gas Location Assessment
Colorado Oil & Gas Conservation Commission
1120 Lincoln St. Suite 801
Denver CO 80203
303-894-2100 x5102

From: Walker, Valerie
Sent: Tuesday, August 24, 2010 2:28 PM
To: 'bmurray@sundanceenergy.net'
Cc: Deranleau, Greg; Vigil, Julie
Subject: Parker #L-1 05-073-06182 Form 2A Sundance Energy

Brett,

COGCC is reviewing the Form 2A (doc # 2586310) for the proposed Parker #L-1 05-073-06182 Oil & Gas location, SWNE 29-16S-54W, Lincoln County, CO. COGCC requests the following regarding the submitted data and attachments to the Form 2A prior to passing the Oil & Gas Location Assessment (OGLA).

LOCATION IDENTIFICATION

This Form 2A is for a re-entry. The Original well name was "Parker" and the original well number was "(#L-1. Your Form2 and Form 2A are renaming the well to "Parker #L-1" and giving the well the well number "05-073-06182". Is this what you want to do?

CONSTRUCTION

I am changing the size of location after interim reclamation to .25 acres. Please not use fractions on your future forms.

FINANCIAL ASSURANCE

The well surety bond number is incorrect. Please discuss with Julie Vigil (x5172).

CULTURAL

There are no distances provided. Please discuss with Julie Vigil (x5172).

SOILS

Based on the proposed size of disturbance and where the well location plots, I believe you will be disturbing additional soil types. Please provide additional soil descriptions if your proposed 2 acre (estimated 300'X300') disturbance will cover more soil types.

I am replacing the soil map unit on the submitted Form 2A with "Haversid silt loam".

WATER RESOURCES

Please read the definition of Waters of the State (100 series). Intermittent streams are considered "Waters of the State"

Please provide a new Hydrology map showing the closest distance to the intermittent stream to the SW.

Also, the 1000 feet needs to be measured from the edge of the proposed disturbed area.(read 100 series definition Oil & Gas location and Rule 303.d.(3)D.)

I will change distance to nearest surface water accordingly.

The depth to ground water is incorrect. In the State water well database "depth" means TD. The water level is given as "static water level" or "level.

I am going to change this data field to 28 feet.

ATTACHMENTS

LOCATION DRAWING:

There is no location drawing. The aerial photos and topographic map suggest that there are visual improvements within 400 feet of the edge of the proposed disturbance. Please provide a location drawing.

REFERENCE AREA MAP AND PHOTOS

Based on the future land use, a reference area needs to be designated and photos supplied. Please read Reference Area (1000 series definitions) and Rule 303.d.(3)F.ii.

LOCATION PHOTOS

Please tell me what the white "line" is in the south and east facing photos.

When COGCC receives the requested data processing can continue.

Please provide the additional clarification/data requested above in your response to this e-mail.

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

Valerie A. Walker

Oil and Gas Location Assessment

Colorado Oil & Gas Conservation Commission

1120 Lincoln St. Suite 801

Denver CO 80203

303-894-2100 x5102

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