

**STATE OF
COLORADO****Andrews - DNR, Doug** <doug.andrews@state.co.us>

COGCC Form 2A review of Cub Creek Energy's OLANDER PAD location - Doc #401331737

4 messages

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

Thu, Aug 3, 2017 at 11:48 AM

To: Paul Gottlob <paul.gottlob@iptenergyservices.com>, Derek Petrie <derek.petrie@iptenergyservices.com>

Paul,

I have reviewed the referenced Form 2A Oil & Gas Location Assessment and have the following comments.

1) In the Cultural Setback Distance section you have indicated the nearest railroad is more than a mile from a well or production facility. However, during my review I identified a railroad located approximately 3,700 feet to the east-southeast. Please provide revised distances from the nearest well and production facility to this railroad and I will update the Form 2A.

2) In the Water Resources section you have indicated the estimated depth to groundwater is 73 feet based on the elevation difference between the Oil & Gas Location and a pond to the northeast. However, one of the nearest water wells (Permit #12985) does list a static water level of 6 feet. I found it by looking through the imaged documents that are part of the permit. See the attached screenshot. This water well is at a surface elevation of approximately 5,005 feet ASL. The difference in elevation from the Oil & Gas Location is $5,033' - 5,005' = 28$ feet. Therefore, I estimate the depth to groundwater to be $6' + 28' = 34$ feet. If you concur, I'd like to change the estimated depth to groundwater from 73 feet to 34 feet.

Please respond to this correspondence by September 3, 2017. If you have any questions, please contact me. Thank you.

OCT 11 1962 JAN 1 1963
NOV 1 1962
Form E (Rev.) 247
9-57

STATE OF COLORADO
DIVISION OF WATER RESOURCES
OFFICE OF THE STATE ENGINEER
GROUND WATER SECTION

LOG AND HISTORY OF WELL
PERMIT NO. 12925
Lic.

RECEIVED
OCT 8 1962
GROUND WATER SECTION
COLORADO
STATE ENGINEER

Index No. 206
IDWD 1-5
Use 3-5
Registered 10-2-62
Cards Typed

Drilled by Marshall Drilling No. 34
Owner James Foster
Address Longmont, Colo
Tenant
Used for Stock
on or by
Date Started 9-25, 1962
Date Completed 9-26, 1962
Date Tested 9-27, 1962
Yield 4 gpm cfs
Pump type Centrifugal Outlet Size 1"
Driven by 2 HP @ RPM 1750
Depth to Water 6 Ft. Draw down 25 Ft.
Depth to Inlet 40 Ft.; Bowl
Size and Kind of Casing:
From 0 to 10 Type Blk Wt. 7 1/2"
From 10 to 150 Type Galv. Wt. 20 Gauge
From to Type Wt.

WELL LOCATION
Weld County
NW 1/4 of NW 1/4 of Sect. 27
Twp. 3N, Rge. 68W, 64M
LOCATE WELL ACCURATELY
IN THE SMALL SQUARES REPRESENTING 40 ACRES

N
W E
S

If the above is not applicable
fill in:
Town or Subdivision
Street Address or Lot & Block

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



COLORADO
Oil & Gas Conservation
Commission
Department of Natural Resources

1120 Lincoln St., Suite 801
Denver, CO 80203
doug.andrews@state.co.us
303-894-2100 Ext. 5180

Paul Gottlob <paul.gottlob@iptenergyservices.com>

Thu, Aug 3, 2017 at 1:04 PM

To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>, Derek Petrie <derek.petrie@iptenergyservices.com>

Doug,

1. Attached is a corrected Cultural Items diagram
2. Agree with your estimate the depth to groundwater to be 6' + 28' = 34 feet.

Thanks very much!

PAUL GOTTLÖB

Regulatory & Engineering Technician

P: 720.420.5747

C: 720.394.6961

**From:** Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]**Sent:** Thursday, August 03, 2017 12:07 PM**To:** Paul Gottlob <paul.gottlob@iptenergyservices.com>; Derek Petrie <derek.petrie@iptenergyservices.com>**Subject:** COGCC Form 2A review of Cub Creek Energy's OLANDER PAD location - Doc #401331737

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**CULTURAL ITEMS_OLANDER PAD (2017-08-03).pdf**

196K

Andrews - DNR, Doug <doug.andrews@state.co.us>To: Paul Gottlob <paul.gottlob@iptenergyservices.com>Cc: Derek Petrie <derek.petrie@iptenergyservices.com>

Thu, Aug 3, 2017 at 1:33 PM

Paul,

The Cultural Items diagram indicates the nearest railroad is to the southwest. Its actually to the southeast.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado

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

1120 Lincoln St., Suite 801

Denver, CO 80203

doug.andrews@state.co.us

303-894-2100 Ext. 5180

[Quoted text hidden]

Paul Gottlob <paul.gottlob@iptenergyservices.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>
Cc: Derek Petrie <derek.petrie@iptenergyservices.com>

Thu, Aug 3, 2017 at 2:00 PM

Doug,

Sorry about that – correction attached.

PAUL GOTTLOB

Regulatory & Engineering Technician

P: 720.420.5747

C: 720.394.6961



From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]

Sent: Thursday, August 03, 2017 1:34 PM

To: Paul Gottlob <paul.gottlob@iptenergyservices.com>

Cc: Derek Petrie <derek.petrie@iptenergyservices.com>

Subject: Re: COGCC Form 2A review of Cub Creek Energy's OLANDER PAD location - Doc #401331737

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