5969

FORM 27 Rev 6/99

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303)894-2100 Fax:(303)894-2109

FOR OGCC USE ONLY

OGCC Employee:
☐ Spill ☐ Complaint
☐ Inspection ☐ NOAV
Tracking No:

SITE INVESTIGATION AND REMEDIATION WORKPLAN

This form shall be submitted to the Director for approval prior to the initiation of site investigation and remediation activities. Form 27 is intended to be used whenever possible. Additional documentation will be required when large volumes of soil and groundwater have been impacted or involve large facilities with multiple source areas. See Rule 910. Attach as many pages as needed to fully describe the proposed work.

CAUSE OF CONDITION BEING INVESTIGATED AND REMEDIATED

☐ Spill or Release ☐ Plug & Abandon ☐ Central Facility Closure ☑ Site/Facility Closure ☐ Other (describe): _____

OGCC Operator Number: 10318
Name of Operator: Vaquero Energy Inc
Address: 5060 California Ave, Ste 640
City: Bakersfield State: CA Zip: 93309

Contact Name and Telephone:
Hector Gonzales
No: 661 363-7240
Fax:

API Number: 05-081-06760
Facility Name: Blue Gravel 6-24 pit
Well Name: Federal 6-24

County: Moffat
Facility Number: 112276 / Location # 313033
Well Number: 6-24

Location: (QtrQtr, Sec, Twp, Rng, Meridian): SESW 24 9N 91W 6th PM Latitude: 40.718496 Longitude: -107.554311

TECHNICAL CONDITIONS

Type of Waste Causing Impact (crude oil, condensate, produced water, etc): Produced Water

Site Conditions: Is location within a sensitive area (according to Rule 901e)? ☐ Y ☑ N If yes, attach evaluation.

Adjacent land use (cultivated, irrigated, dry land farming, industrial, residential, etc.): Rangeland

Soil type, if not previously identified on Form 2A or Federal Surface Use Plan: Styers-Pinelli-Taffom complex, 10 to 25 percent slopes

Potential receptors (water wells within 1/4 mi, surface waters, etc.): ephemeral drainage 2500 feet southwest of facility; no water wells within 1/4mile

Description of Impact (if previously provided, refer to that form or document):

Impacted Media (check):	Extent of Impact:	How Determined:
☑ Soils	not yet determined	
☐ Vegetation		
☐ Groundwater		
☐ Surface Water		

REMEDIATION WORKPLAN

Describe initial action taken (if previously provided, refer to that form or document):
Ownership of produced water pits transferred from pervious owner to Vaquero through the submittal of Form 10. Any water contained within the pits has been removed and disposed of via the Blue Gravel injection well (Blue Gravel 1-35, API 05-081-06744).

Describe how source is to be removed:
See attached.

Describe how remediation of existing impacts is to be accomplished, including removal and disposal at an injection well or licensed facility, land treatment on site, removal of impacted groundwater, insitu bioremediation, burning of oily vegetation, etc.:
Excavated soils will be land treated in accordance with Rule 907.e.(2) through a combination of methods including disking, tilling, aerating, or adding nutrients such as microbes, water, or other amendments. The soil may also be blended with clean soil to meet Table 910-1 standards and utilized to backfill the excavation. Excess impacted soils may be transported to a local landfill for disposal. Manifests will be prepared for all soil transported to disposal.

Submit Page 2 with Page 1

FORM 27 Rev 6/99

Page 2

State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801, Denver, Colorado 80203
(303)894-2100 Fax:(303)894-2109

Tracking Number: 02215208
Name of Operator: Vaquero Energy, Inc.
OGCC Operator No: 10318
Received Date: 12-17-11
Well Name & No: Federal 6-24
Facility Name & No: Blue Gravel 6-24 pit, 113776

REMEDIATION WORKPLAN (Cont.)

If groundwater has been impacted, describe proposed monitoring plan (# of wells or sample points, sampling schedule, analytical methods, etc.):

It is anticipated that groundwater will not be encountered.

Describe reclamation plan. Discuss existing and new grade recontouring; method and testing of compaction alleviation; and reseeding program, including location of new seed, seed mix and noxious weed prevention. Attach diagram or drawing. Use additional sheet for description if required.

The excavation will be filled with clean soil and contoured to match the surrounding topography. Reseeding will be performed using an appropriate seed mixture, which may contain the following species: Alkali sagebrush, Western wheatgrass, Bluebunch wheatgrass, Prairie Junegrass, Bottlebrush squirreltail, Wyoming big sagebrush, Needleandthread , Indian ricegrass, and Nevada bluegrass. The NRCS, BLM, or other agencies will be consulted to determine the appropriate seed mix.

Appropriate measures will be taken to prevent the establishment of noxious weeds.

Attach samples and analytical results taken to verify remediation of impacts. Show locations of samples on an onsite schematic or drawing.

Is further site investigation required? ☐ Y ☐ N If yes, describe:

NA

Final disposition of E&P waste (landtreated and disposed onsite, name of licensed disposal facility, recycling, reuse, etc.):

Sampling of the land treated soil will occur periodically to determine compliance with Table 910-1 standards. Once the soil meets the Table 910-1 standards, it will be incorporated into berms or spread out upon the facility.

IMPLEMENTATION SCHEDULE

Date Site Investigation Began:	Date Site Investigation Completed:	Date Remediation Plan Submitted:
Remediation Start Date:	Anticipated Completion Date:	Actual Completion Date:

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Hector Gonzales Signed: Hector Gonzales

Title: Production Foreman Date: 12-6-11

OGCC Approved: for Alex Fischer Title: Env. Supervisor-NW Date: 12/9/2011

STATE OF COLORADO
OIL AND GAS CONSERVATION COMMISSION

Form 27 Attachment

Vaquero Energy, Blue Gravel Pits

REMEDIATION WORKPLAN

Describe how source is to be removed:

The impacted soil will be excavated from the pit using a backhoe to an anticipated depth of 10 ft. The vertical and lateral extent of the excavation will be based upon visual evidence of impacted soil in conjunction with field PID headspace measurements. The excavated soil will be temporarily managed within a lined berm to prevent contamination of stormwater runoff. Soil samples will be collected from the excavated pit to confirm compliance with Table 910-1 standards. The soil samples will be analyzed for the full 910 soil list to identify constituents of concern. If the constituents of concern have been identified as part of a background sampling program on similar Blue Gravel Pits, the soil samples may only be analyzed for a specific subset of the 910 list.

KLEINFELDER
Bright People. Right Solutions.

B&A Buys & Associates, Inc.
Environmental Consultants

September 1, 2011

Alex Fischer, P.G.
Environmental Supervisor - Western Colorado
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203

RE: Vaquero Energy
Blue Gravel Pit Closures
Moffat County, CO

Dear Mr. Fischer,

The purpose of this letter is to inform you of the progress and direction of the pit closure activities associated with the Vaquero Energy, Inc. (Vaquero) Blue Gravel Pits in Moffat County, Colorado. As directed, Colorado Oil and Gas Conservation Commission (COGCC) Form 27s outlining the closure plan for seventeen pits have been completed and subsequently approved by the COGCC. Kleinfelder and Vaquero Energy identified seven pit locations that represent a cross section of typical site conditions to perform a background sampling program as outlined in the Form 27s. Kleinfelder collected two soil samples at each location; a composite soil screening sample and a background sample at each of the following seven pit locations:

- Blue Gravel 1-26
- Blue Gravel 2-25
- Blue Gravel 7-25
- Blue Gravel 5-24
- Blue Gravel 4-35
- Blue Gravel 1-35
- Blue Gravel 4-36

The composite pit soil samples were submitted to an independent laboratory for analysis of the full COGCC 910 soil list and results were compared to the Table 910-1 standards. In addition, background soil samples were collected outside of the pit areas and analyzed for arsenic to provide representative background concentrations.

The results of the soil samples collected from within the pits indicated concentrations of benzene, total volatile petroleum hydrocarbons (TVPH), total extractable petroleum hydrocarbons (TEPH), arsenic and sodium absorption ratio (SAR) exceeding the Table 910-1 standards. The background concentrations of arsenic in the soil were reported above the arsenic concentrations in all seven pit locations. In all cases, the arsenic concentration in the pit sample was less than the concentration in the background sample. Due to the elevated background

levels, we propose not to include arsenic in the list of constituents of concern during the closure of the 17 pits. The results of the screening soil samples are summarized in the attached Table 1.

Based on the results of the screening samples, Kleinfelder proposes a specific subset of the 910 soil list. Confirmation soil samples, subsequent to excavation of each of the 17 pits, will be analyzed for the following subset of the 910 soil list:

- Benzene,
- TVPH,
- TEPH, and
- SAR

As outlined in the Remediation Workplan section of Form 27, Kleinfelder anticipates impacted soil will be excavated from the pit using a backhoe. Representative soil samples will be collected from the excavated pit to confirm compliance with the above-mentioned subset of constituents and compared to Table 910-1 standards. In lieu of land farming, excavated material from the impacted pits will be disposed off-site at a local landfill (Moffat County Landfill). The Remediation Workplan as outlined in the approved Form 27s will be utilized for backfilling of the pits and the revegetation process.

With State approval, Kleinfelder intends to close Pit 5-35 without any further assessment. The only constituent detected during the screening sampling at Pit 5-35 was arsenic,at a concentration less than the background concentration. Kleinfelder also proposes to identify other pits with similar scenarios to Pit 5-35 (i.e. formation and use) and conduct soil sampling to potentially exclude those pits from further assessment prior to closure.

We also propose to collect background samples to be analyzed for SAR outside of pits similar to Pit 7-25 where SAR was the only constituent to exceed 910-1 Table standards (other than arsenic at background concentrations).

If you or a representative from COGCC would like to witness future activities associated with the closure of the pits, please advise. We will keep you informed of the schedule of activities moving forward. Please provide us with comments or approval of the intended closure plan outlined in the Form 27 and further detailed in this letter. If you have any questions or would like to discuss the closure activities, please contact Derek Bowman at 303-781-8211.

Respectfully submitted,

KLEINFELDER

Derek Bowman, CHMM
Project Manager

Doug Henderer, P.E.
Client Account Manager

Vaquero Energy
Blue Gravel Pit Closures
Screening Soil Sample Results
Kleinfelder Project # 120019

Sample ID				BG4-36-072611	BG4-35-072611	BG5-35-072611	BG2-25-072611	BG7-25-072611	BG1-26-072611	BG5-24-072611
Pit ID				4-36	4-35	5-35	2-25	7-25	1-26	5-24
Collect Date				7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011	7/26/2011
Method	Parameter	Units	COGCC Table 910-1 Standard	Value	Value	Value	Value	Value	Value	Value
9045D	pH	su	6-9	8.4	8.5	7.1	8.7	8.8	8.1	7.9
Calc.	Sodium Adsorption Ratio		<12	**19**	**24**	0.5	**14**	**12**	**19**	**78**
9050AMod	Specific Conductance	umhos/cm	4000	260	930	69	780	700	1200	88
METALS										
7471	Mercury	mg/kg	23	0.024	0.14	<0.020	<0.020	0.021	0.36	0.027
6010B	Arsenic	mg/kg	0.39	**2.4**	**3**	**1.3**	**2.4**	**12**	**2.4**	**1.4**
6010B	Arsenic (background levels)	mg/kg	0.39	**3.3**	**4**	**2.6**	**5.3**	**21**	**3.7**	**2.2**
6010B	Barium	mg/kg	15000	340	110	56	130	140	170	330
6010B	Boron	mg/kg	2300 [1]	<10	<10	<10	<10	<10	12	<10
6010B	Cadmium	mg/kg	70 [2]	<0.25	0.38	<0.25	0.28	0.55	0.45	0.3
6010B	Chromium (III)	mg/kg	120000	11	10	3.9	12	13	17	12
3060A/7196A	Chromium,Hexavalent (VI)	mg/kg	23	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
6010B	Copper	mg/kg	3100	10	6.6	2.9	10	11	12	12
6010B	Lead	mg/kg	400	19	7.1	4.4	9.4	14	13	11
6010B	Nickel	mg/kg	1600	13	8.8	3.1	13	23	13	16
6010B	Selenium	mg/kg	390	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0
6010B	Silver	mg/kg	390	<0.50	<0.50	<0.50	<0.50	0.56	<0.50	<0.50
6010B	Zinc	mg/kg	23000	66	34	18	47	94	58	59
VOCs										
8021/8015	Benzene	mg/kg	0.17	**0.21**	**5.6**	<0.0025	<0.025	<0.0025	<0.025	**2.8**
8021/8015	Toluene	mg/kg	85	0.25	23	<0.025	<0.25	<0.025	4.4	7.4
8021/8015	Ethylbenzene	mg/kg	100	0.42	21	<0.0025	0.2	<0.0025	<0.025	11
8021/8015	Total Xylene	mg/kg	175	1.6	140	<0.0075	4.2	<0.0075	1.6	26
GRO	TVPH (GC/FID) Low Fraction	mg/kg	500*	**890**	**8900**	<0.50	**3000**	<0.50	**1500**	**3800**
3546/DRO	TEPH (GC/FID) High Fraction	mg/kg	500*	**3900**	**1700**	<4.0	<4.0	<4.0	9.6	**3000**
SVOCs										
8270C-SIM	Anthracene	mg/kg	1000	<0.12	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.15
8270C-SIM	Acenaphthene	mg/kg	1000	0.12	<0.0060	<0.0060	0.0098	<0.0060	<0.0060	<0.15
8270C-SIM	Benzo(a)anthracene	mg/kg	0.22	<0.12	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
8270C-SIM	Benzo(a)pyrene	mg/kg	0.022	<0.12	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
8270C-SIM	Benzo(b)fluoranthene	mg/kg	0.22	<0.12	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
8270C-SIM	Benzo(k)fluoranthene	mg/kg	2.2	<0.12	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
8270C-SIM	Chrysene	mg/kg	22.0	<0.12	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
8270C-SIM	Dibenz(a,h)anthracene	mg/kg	0.022	<0.12	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
8270C-SIM	Fluoranthene	mg/kg	1000	<0.12	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.15
8270C-SIM	Fluorene	mg/kg	1000	0.33	<0.0060	<0.0060	0.0079	<0.0060	<0.0060	<0.15
8270C-SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.22	<0.12	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
8270C-SIM	Naphthalene	mg/kg	23	<0.12	0.064	<0.0060	0.24	<0.0060	0.083	1.5
8270C-SIM	Pyrene	mg/kg	1000	<0.12	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.15

Notes

Bold - value exceeds concentrations as listed in COGCC Table 910-1

Unless otherwise noted, the COGCC Table 910-1 Standard concentrations were taken from CDPHE-HMWMD Table 1 Colorado Soil Evaluation Values (December 2007)

[1] US EPA Region 9 April 2009 risk-based soil screening guidance for protection of groundwater resources

[2] Concentrations taken from CDPHE-WQCC Regulation 41 - The Basic Standards for Ground Water

* Value is a sum of total extractable and total volatile petroleum hydrocarbons

Fischer, Alex

From: Derek Bowman [DBowman@kleinfelder.com]
Sent: Friday, September 02, 2011 11:04 AM
To: Fischer, Alex; 'hgonzalez@VaqueroEnergy.com'
Cc: Doug Henderer
Subject: RE: Vaquero Form 27
Attachments: Vaquero Progress Letter, Pit Closures.pdf

Alex,
Please see the attached letter regarding the soil screening samples and intended plan moving forward for the Blue Gravel Pit closures with Vaquero.

With your approval, we'd like to proceed as written in this letter.

Thank you for your time.

Derek Bowman, CHMM
Project Manager
Kleinfelder

From: Derek Bowman
Sent: Wednesday, July 27, 2011 4:47 PM
To: Alex.Fischer@state.co.us; hgonzalez@VaqueroEnergy.com
Cc: Doug Henderer
Subject: Re: Vaquero Form 27

Thanks Alex.

From: Fischer, Alex <Alex.Fischer@state.co.us>
To: Hector Gonzalez <hgonzalez@VaqueroEnergy.com>; Derek Bowman
Cc: Doug Henderer
Sent: Wed Jul 27 06:58:57 2011
Subject: RE: Vaquero Form 27

Thanks. I am still in Rifle and will not be back to Moffat Routt Counties until Thurs. Continue with the sampling not need for COGCC to be on site.

Alex Fischer, P.G.

Environmental Supervisor - Western Colorado

Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801

Denver, CO 80203

(303) 894-2100 ext. 5138

(303) 894-2109 fax

alex.fischer@state.co.us

From: Hector Gonzalez [mailto:hgonzalez@VaqueroEnergy.com]
Sent: Tuesday, July 26, 2011 8:33 AM

To: Derek Bowman; Fischer, Alex
Cc: Doug Henderer
Subject: RE: Vaquero Form 27

Derek,
Not sure if this will works for everyone. No need to rush. COGCC might want to be there for the testing. I need to let the lease operator know someone will be on location.

Alex,
Will this work?

Hector Gonzalez
Production Foreman
Vaquero Energy
15545 Hermosa Road
Bakersfield, CA 93307
661 363-7240 ext. 206 office
661 979-3984 cell

From: Derek Bowman [mailto:DBowman@kleinfelder.com]
Sent: Tuesday, July 26, 2011 8:02 AM
To: Fischer, Alex
Cc: Hector Gonzalez; Doug Henderer
Subject: RE: Vaquero Form 27

Alex and Hector,
We will be collecting the screening samples in the pits starting this afternoon (Tuesday) and finishing up tomorrow morning.

Thanks,

Derek Bowman, CHMM
Project Manager
Kleinfelder

From: Fischer, Alex [mailto:Alex.Fischer@state.co.us]
Sent: Friday, July 22, 2011 11:08 AM
To: Derek Bowman
Cc: hgonzalez@VaqueroEnergy.com; Doug Henderer
Subject: RE: Vaquero Form 27

No issues with your proposing to collect the screening samples. What date(s) are you going to be out there next week?

Alex Fischer, P.G.
Environmental Supervisor - Western Colorado
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203
(303) 894-2100 ext. 5138
(303) 894-2109 fax
alex.fischer@state.co.us

From: Derek Bowman [mailto:DBowman@kleinfelder.com]
Sent: Friday, July 22, 2011 10:25 AM
To: Fischer, Alex
Cc: Hector Gonzalez (hgonzalez@VaqueroEnergy.com); Doug Henderer
Subject: RE: Vaquero Form 27

Alex,
The signed Form 27s for the Blue Gravel pits in Moffat County will arrive at your office on Monday. We have identified seven (7) pits that represent the site conditions that we are planning to collect soil samples for screening. With your approval, we'd like to collect these samples next week and get them submitted for the Table 910-1 contaminants. Do you have any problems with us collecting the screening samples next week? Here are the pit locations:

Blue Gravel 1-26
Blue Gravel 2-25
Blue Gravel 7-25
Blue Gravel 5-24
Blue Gravel 4-35
Blue Gravel 1-35
Blue Gravel 4-36

Please advise.

Thanks,

Derek Bowman, CHMM
Project Manager
Kleinfelder

From: Fischer, Alex [mailto:Alex.Fischer@state.co.us]
Sent: Thursday, July 21, 2011 9:28 AM
To: Derek Bowman
Subject: RE: Vaquero Form 27

Electronic signatures will work.

Alex Fischer, P.G.
Environmental Supervisor - Western Colorado
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203
(303) 894-2100 ext. 5138
(303) 894-2109 fax
alex.fischer@state.co.us

From: Derek Bowman [mailto:DBowman@kleinfelder.com]
Sent: Thursday, July 21, 2011 8:55 AM
To: Fischer, Alex
Subject: RE: Vaquero Form 27

Fischer, Alex

To: Doug Henderer; hgonzalez@VaqueroEnergy.com
Cc: Brad Baum; Derek Bowman
Subject: RE: Vaquero Form 27

Doug,

I feel that this would be a good practical approach and should be included in the Form 27s.

Thanks
Alex

Alex Fischer, P.G.
Environmental Supervisor - Western Colorado
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203
(303) 894-2100 ext. 5138
(303) 894-2109 fax
alex.fischer@state.co.us

From: Doug Henderer [mailto:dhenderer@kleinfelder.com]
Sent: Monday, July 11, 2011 5:20 PM
To: Fischer, Alex; hgonzalez@VaqueroEnergy.com
Cc: Brad Baum; Derek Bowman
Subject: RE: Vaquero Form 27

Alex,

Our thoughts were to screen several pits for the full 910 soil list to identify the constituents of concern. From that we would develop a background sampling program if needed, and identify a subset of constituents (TPH, benzene, etc.) for monitoring the progress of the excavation work. Do you find this approach acceptable? Do you recommend that the full 910 list be analyzed for samples from the pit prior to final closure?

Thank you,

Doug

From: Fischer, Alex [mailto:Alex.Fischer@state.co.us]
Sent: Monday, July 11, 2011 2:12 PM
To: Doug Henderer; hgonzalez@VaqueroEnergy.com
Cc: Brad Baum; Derek Bowman
Subject: RE: Vaquero Form 27

Doug and Hector,

Alex,
Do you need original Form 27s with the signatures, or can I send you the hard copies with scanned signatures?

Thanks,

Derek Bowman, CHMM
Project Manager
Kleinfelder

From: Fischer, Alex [mailto:Alex.Fischer@state.co.us]
Sent: Tuesday, July 12, 2011 2:47 PM
To: Doug Henderer; hgonzalez@VaqueroEnergy.com
Cc: Brad Baum; Derek Bowman
Subject: RE: Vaquero Form 27

Folks,

Please see attached. The remediation number for this facility is: 5922 Please reference this on subsequent correspondence as it relates to this facility.

Thanks
Alex

Alex Fischer, P.G.
Environmental Supervisor - Western Colorado
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203
(303) 894-2100 ext. 5138
(303) 894-2109 fax
alex.fischer@state.co.us

From: Doug Henderer [mailto:dhenderer@kleinfelder.com]
Sent: Monday, July 11, 2011 5:20 PM
To: Fischer, Alex; hgonzalez@VaqueroEnergy.com
Cc: Brad Baum; Derek Bowman
Subject: RE: Vaquero Form 27

Alex,

Our thoughts were to screen several pits for the full 910 soil list to identify the constituents of concern. From that we would develop a background sampling program if needed, and identify a subset of constituents (TPH, benzene, etc.) for monitoring the progress of the excavation work. Do you find this approach acceptable? Do you recommend that the full 910 list be analyzed for samples from the pit prior to final closure?

Thank you,

Doug

From: Fischer, Alex [mailto:Alex.Fischer@state.co.us]
Sent: Monday, July 11, 2011 2:12 PM
To: Doug Henderer; hgonzalez@VaqueroEnergy.com
Cc: Brad Baum; Derek Bowman
Subject: RE: Vaquero Form 27

Doug and Hector,

Were you going to collect samples for characterization to determine impact, if any? And are you sampling for the entire 910-1 list?

Please include the API number for the Blue Gravel 1-35).

Thanks
Alex

Alex Fischer, P.G.
Environmental Supervisor - Western Colorado
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203
(303) 894-2100 ext. 5138
(303) 894-2109 fax
alex.fischer@state.co.us

From: Doug Henderer [mailto:dhenderer@kleinfelder.com]
Sent: Thursday, July 07, 2011 11:27 AM
To: Fischer, Alex; Hector Gonzalez (hgonzalez@VaqueroEnergy.com)
Cc: Brad Baum; Derek Bowman
Subject: Vaquero Form 27

Alex,

Thank you again for your time last month to meet with us concerning the closure of the Vaquero Blue Gravel pits. As discussed, attached is the first Form 27 for your review. Upon your approval, we will forward executed forms 27 for the remaining pits.

Concerning the salamanders present at the Blue Gravel 1-35 pit, we do not believe that they are protected. Our research indicates that there are no USFWS listed amphibian T&E species in Moffat County, and no salamanders are listed in the state species of concern or BLM special status species databases. A photographs of a salamander is attached for your reference.

We appreciate your assistance, please let us know if you have any questions or concerns.

Doug

Douglas Henderer, PE

Sr. Principal Professional
300 E. Mineral Ave, Suite 7
Littleton, CO 80122
O| 303.781.8211 x 231
C| 303.809.2427
F| 303.781.1167

KLEINFELDER
Bright People. Right Solutions.

B&A Buys & Associates, Inc.
Environmental Consultants

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.449 / Virus Database: 271.1.1/3788 - Release Date: 07/25/11 18:35:00