



KANSAS CORPORATION COMMISSION 1062342
OIL & GAS CONSERVATION DIVISION

Form CDP-1
May 2010
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

| | | | |
|--|--|--|--|
| Operator Name: Ritchie Exploration, Inc. | | License Number: 4767 | |
| Operator Address: 8100 E 22ND ST N # 700 | | BOX 783188 WICHITA KS 67278 | |
| Contact Person: Justin Clegg | | Phone Number: 316-691-9500 | |
| Lease Name & Well No.: Brown Family 1 | | Pit Location (QQQQ): S2 - SW - SE - NW | |
| Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input checked="" type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small> | Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: 10686 (bbls) | Sec. 2 Twp. 28 R. 22 <input type="checkbox"/> East <input checked="" type="checkbox"/> West 2600 Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section 1650 Feet from <input type="checkbox"/> East / <input checked="" type="checkbox"/> West Line of Section Ford County | |
| Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small> | |
| Is the bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Artificial Liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | How is the pit lined if a plastic liner is not used? Bentonite | |
| Pit dimensions (all but working pits): 100 Length (feet) 100 Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: 6 (feet) <input type="checkbox"/> No Pit | | | |
| If the pit is lined give a brief description of the liner material, thickness and installation procedure. | | Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. | |
| Distance to nearest water well within one-mile of pit: 681 feet Depth of water well 25 feet | | Depth to shallowest fresh water 10 feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input checked="" type="checkbox"/> KDWR | |
| Emergency, Settling and Burn Pits ONLY: Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No | | Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: Fresh / Chemical Mud Number of working pits to be utilized: 1 Abandonment procedure: Haul Off Fluids / Backfill Drill pits must be closed within 365 days of spud date. | |
| Submitted Electronically | | | |

| | | | |
|----------------------------------|--|---|---|
| KCC OFFICE USE ONLY | | | |
| Date Received: 08/29/2011 | Permit Number: 15-057-20746-00-00 | Permit Date: 09/02/2011 | Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| | | <input type="checkbox"/> Liner <input type="checkbox"/> Steel Pit <input checked="" type="checkbox"/> RFAC <input checked="" type="checkbox"/> RFAS | |

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Kansas Corporation Commission Oil & Gas Conservation Division

HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

82-3-607. DISPOSAL OF DIKE AND PIT CONTENTS.

- (a) Each operator shall perform one of the following when disposing of dike or pit contents:
- (1) Remove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;
 - (2) dispose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well; or
 - (3) dispose of the remaining solid contents in any manner required by the commission. The requirements may include any of the following:
 - (A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f);
 - (B) removal and placement of the contents in an on-site disposal area approved by the commission;
 - (C) removal and placement of the contents in an off-site disposal area on acreage owned by the same landowner or to another producing lease or unit operated by the same operator, if prior written permission from the landowner has been obtained; or
 - (D) removal of the contents to a permitted off-site disposal area approved by the department.
- (b) Each violation of this regulation shall be punishable by the following:
- (1) A \$1,000 penalty for the first violation;
 - (2) a \$2,500 penalty for the second violation; and
 - (3) a \$5,000 penalty and an operator license review for the third violation.

Complete and return with Haul-Off Pit Application, Form CDP1(2004)

Haul-off pit will be located in an on-site disposal area: Yes No

Haul-off pit is located in an off-site disposal area on acreage owned by the same landowner:
 Yes No If yes, written permission from the land owner must be obtained. Attach written permission to haul-off pit application.

Haul-off pit is located in an off-site disposal area on another **producing** lease or unit operated by the same operator: Yes No If yes, written permission from the land owner must be obtained. Attach permission and a copy of the lease assignment that covers the acreage where the haul-off pit is to be located, to the haul-off pit application.



August 29th, 2011

Brown Family Trust
12804 Saddle Side Road
Ford, KS 67842

RE: #1 Brown Family
Approx. 1130' FSL & 1745' FWL
Section 35-27S-22W
Ford County, Kansas

Dear Mr. Brown:

The Kansas Corporation Commission requires written approval from landowners for the use of a haul-off surface pit for the temporary storage of drilling fluids from wells drilled on the land described above. Ritchie agrees to abide by all state requirements, which include timely removal of fluids and restoration of the pit site.

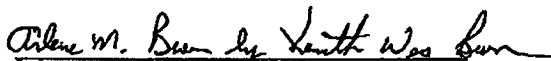
The undersigned hereby grant Ritchie Exploration, Inc. the right to construct and use a haul-off surface pit located approximately 2600' from the north line and 2100' from the west line in the northwest quarter of Section 2-28S-22W in Ford County, Kansas. This pit will be used for the temporary storage of fluids from the above-captioned well or wells.

We thank you for your time and assistance in this project. If you have questions or concerns, please call me at (316) 691-9520. Thanks again.

Sincerely,



John Niernberger
Production Manager


Wes Brown

P.O. Box 783188
Wichita, Kansas 67278-3188

(316) 691-9500
Fax (316) 691-9550
john@ritchie-exp.com

8100 E. 22nd St. N., Bldg. 700
Wichita, Kansas 67226-2328

Conservation Division
Finney State Office Building
130 S. Market, Rm. 207B
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

September 02, 2011

Justin Clegg
Ritchie Exploration, Inc.
8100 E 22ND ST N # 700
BOX 783188
WICHITA, KS 67278-3188

Re: Drilling Pit Application
Brown Family 1
Sec.02-28S-22W
Ford County, Kansas

Dear Justin Clegg:

District staff has inspected the above referenced location and has determined that an unsealed condition will present a pollution threat to water resources.

District staff has recommended that the Haul-Off pit be lined with bentonite or native clay, constructed **without slots**, the bottom shall be flat and reasonably level and the free fluids must be removed. The fluids are to be removed from the Haul-Off pit as soon as the Hutchinson Salt section has been drilled through and displacement of the fluids into the Haul-Off pit has occurred. The fluids should be removed again after drilling operations have ceased.

NO completion fluids or non-exempt wastes shall be placed in the Haul-Off pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 225-8888 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

If you have any questions or concerns please feel free to contact the District Office at (620) 225-8888.